

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079942.D
 Acq On : 30 Sep 2024 17:42
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 01 05:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	123020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	211068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8989	6.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.840%#
35) Dibromofluoromethane	7.811	113	7405	5.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.620%#
50) Toluene-d8	10.263	98	27401	4.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.980%#
62) 4-Bromofluorobenzene	12.569	95	9647	6.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	12.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	8060	5.678	ug/l	78
3) Chloromethane	2.146	50	11793	5.268	ug/l	94
4) Vinyl Chloride	2.281	62	16007	5.608	ug/l #	87
5) Bromomethane	2.693	94	14417	6.678	ug/l	99
6) Chloroethane	2.834	64	10349	5.210	ug/l #	74
7) Trichlorofluoromethane	3.175	101	15382	5.863	ug/l	96
8) Diethyl Ether	3.593	74	3846m	5.294	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.975	101	9254	6.096	ug/l #	70
10) Methyl Iodide	4.158	142	6847	4.549	ug/l	96
11) Tert butyl alcohol	5.058	59	1873m	26.882	ug/l	
12) 1,1-Dichloroethene	3.946	96	7739	5.106	ug/l #	87
13) Acrolein	3.805	56	4884	31.887	ug/l #	80
14) Allyl chloride	4.564	41	10799m	5.491	ug/l	
15) Acrylonitrile	5.252	53	9134	28.275	ug/l #	88
16) Acetone	4.028	43	8489	20.645	ug/l	98
17) Carbon Disulfide	4.269	76	26301	5.385	ug/l #	95
18) Methyl Acetate	4.564	43	3864	3.516	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	14269	4.541	ug/l	97
20) Methylene Chloride	4.811	84	11290	5.546	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	8364	4.810	ug/l #	79
22) Diisopropyl ether	6.222	45	18747	4.470	ug/l #	96
23) Vinyl Acetate	6.152	43	56447	26.497	ug/l	96
24) 1,1-Dichloroethane	6.116	63	16086	5.564	ug/l #	88
25) 2-Butanone	7.081	43	9802	20.156	ug/l	96
26) 2,2-Dichloropropane	7.075	77	13879	5.725	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	9477	5.039	ug/l	88
28) Bromochloromethane	7.434	49	6865	5.912	ug/l	99
29) Tetrahydrofuran	7.458	42	6161	27.153	ug/l	99
30) Chloroform	7.599	83	16676	5.623	ug/l	96
31) Cyclohexane	7.875	56	14403	5.709	ug/l #	60
32) 1,1,1-Trichloroethane	7.793	97	13498	5.284	ug/l	97
36) 1,1-Dichloropropene	8.010	75	11175	4.948	ug/l #	86
37) Ethyl Acetate	7.169	43	4911	5.778	ug/l #	93
38) Carbon Tetrachloride	7.981	117	12100	5.348	ug/l	91
39) Methylcyclohexane	9.275	83	12653	4.767	ug/l	90
40) Benzene	8.252	78	32675	5.045	ug/l #	87

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 05:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	2960	6.350	ug/l #	45
42) 1,2-Dichloroethane	8.310	62	10092	5.947	ug/l	100
43) Isopropyl Acetate	8.352	43	8456	5.373	ug/l #	65
44) Trichloroethene	9.028	130	8544	5.151	ug/l	87
45) 1,2-Dichloropropane	9.305	63	9104	5.680	ug/l #	77
46) Dibromomethane	9.393	93	5049	5.612	ug/l	95
47) Bromodichloromethane	9.587	83	13028	5.809	ug/l	99
48) Methyl methacrylate	9.381	41	4068m	4.629	ug/l	
49) 1,4-Dioxane	9.387	88	729	84.441	ug/l #	1
51) 4-Methyl-2-Pentanone	10.157	43	19981	24.152	ug/l	98
52) Toluene	10.334	92	19534	4.753	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	10664	5.197	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	11885	4.869	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	6371	5.402	ug/l	94
56) Ethyl methacrylate	10.599	69	6592	6.223	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	9733	4.808	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	11413	19.434	ug/l	95
59) 2-Hexanone	10.928	43	13641	20.434	ug/l	98
60) Dibromochloromethane	11.069	129	8280	5.792	ug/l	96
61) 1,2-Dibromoethane	11.181	107	6488	5.937	ug/l	94
64) Tetrachloroethene	10.810	164	8132	6.396	ug/l #	90
65) Chlorobenzene	11.604	112	24426	5.763	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	8050	5.353	ug/l	96
67) Ethyl Benzene	11.681	91	37044	4.835	ug/l	96
68) m/p-Xylenes	11.787	106	27037	9.214	ug/l	97
69) o-Xylene	12.116	106	12395	4.665	ug/l	96
70) Styrene	12.134	104	22371	5.430	ug/l	96
71) Bromoform	12.299	173	4386	5.675	ug/l #	99
73) Isopropylbenzene	12.416	105	32713	4.458	ug/l	100
74) N-amyl acetate	12.234	43	7824	5.417	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	7187	5.247	ug/l	89
76) 1,2,3-Trichloropropane	12.728	75	3548m	3.963	ug/l	
77) Bromobenzene	12.698	156	8809	5.358	ug/l	97
78) n-propylbenzene	12.757	91	40114	4.389	ug/l	98
79) 2-Chlorotoluene	12.851	91	23897	4.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	26793	4.382	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	2533	5.940	ug/l	94
82) 4-Chlorotoluene	12.946	91	26338	5.063	ug/l	95
83) tert-Butylbenzene	13.163	119	24899	4.890	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	26208	4.218	ug/l	94
85) sec-Butylbenzene	13.340	105	37148	4.775	ug/l	98
86) p-Isopropyltoluene	13.457	119	29582	4.395	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	19434	5.707	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	20585	6.111	ug/l	94
89) n-Butylbenzene	13.787	91	29312	4.492	ug/l	99
90) Hexachloroethane	14.051	117	7719	5.774	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	15720	5.466	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1361m	6.813	ug/l	
93) 1,2,4-Trichlorobenzene	15.092	180	10705	6.012	ug/l	98
94) Hexachlorobutadiene	15.198	225	5195	5.960	ug/l	86
95) Naphthalene	15.328	128	16337	4.960	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.516	180	8839	5.887	ug/l	100

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

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Quant Title : SW846 8260
QLast Update : Tue Oct 01 05:04:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

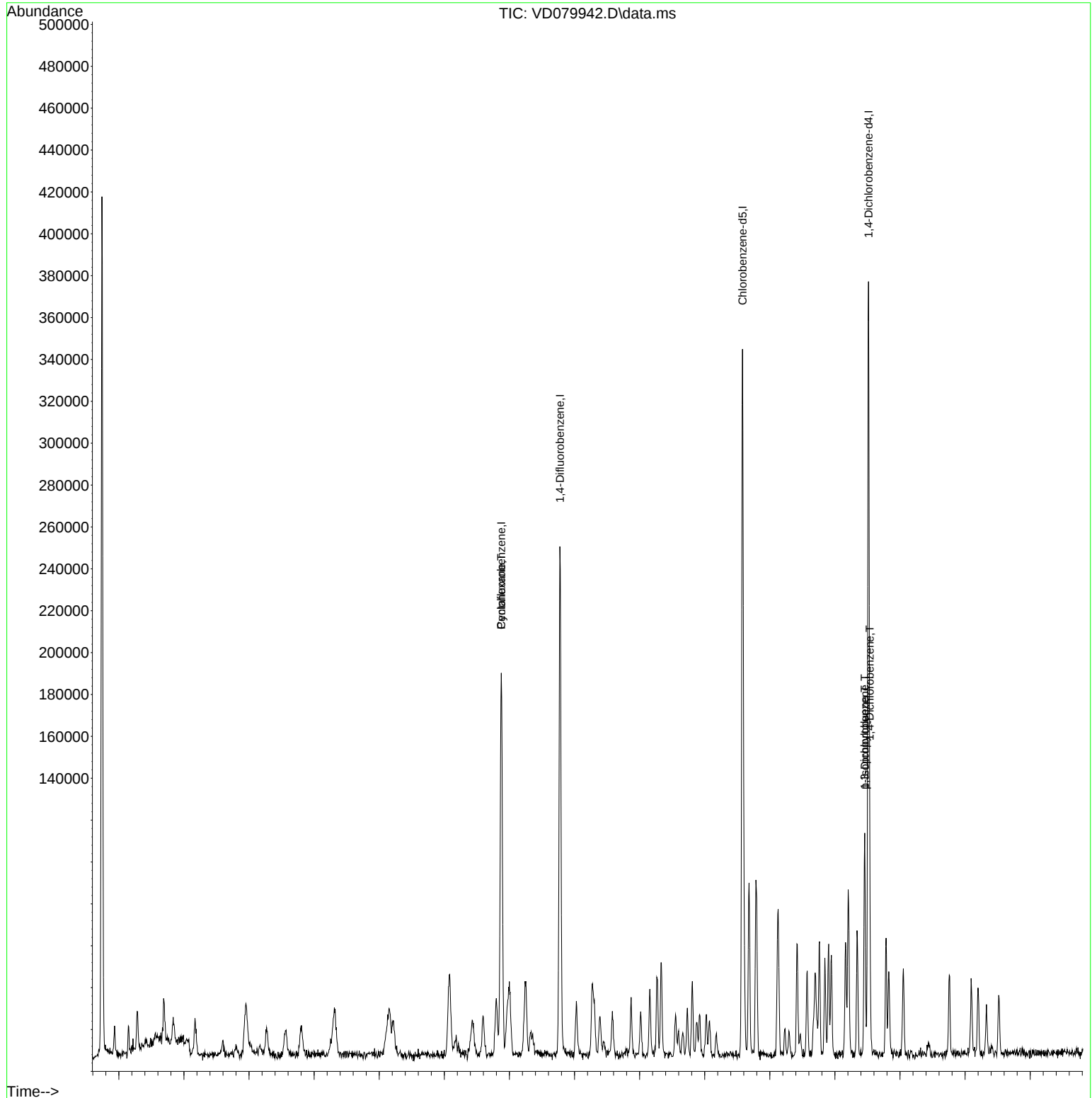
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Acq On : 30 Sep 2024 17:42
Operator : RP/MD
Sample : VSTDIC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

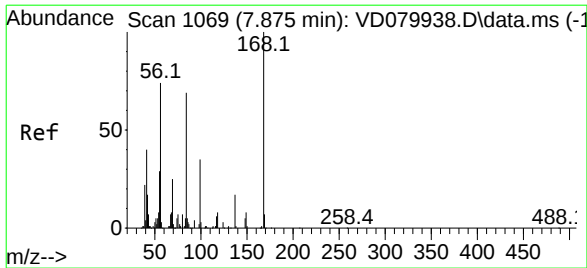
Instrument :
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ClientSampleId :
VSTDIC005

Manual Integrations
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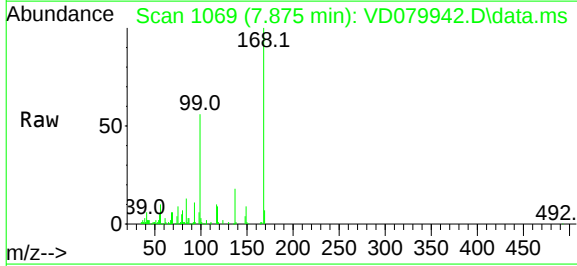
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

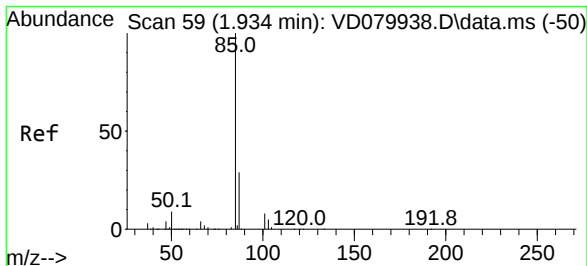
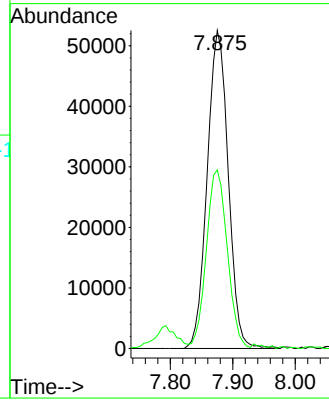
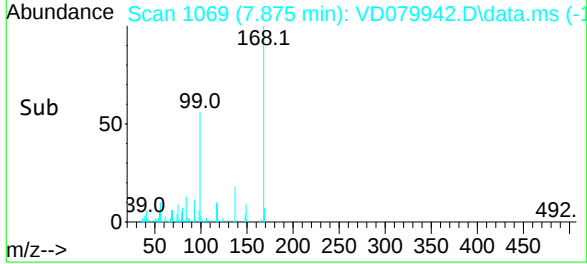
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 168 Resp: 123020
Ion Ratio Lower Upper
168 100
99 55.7 44.8 67.2

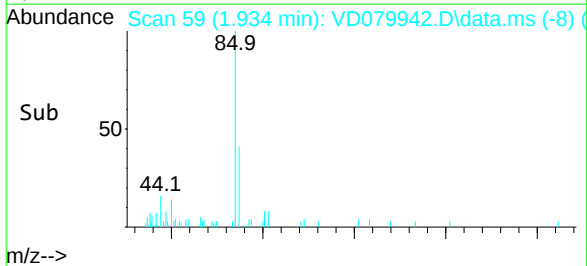
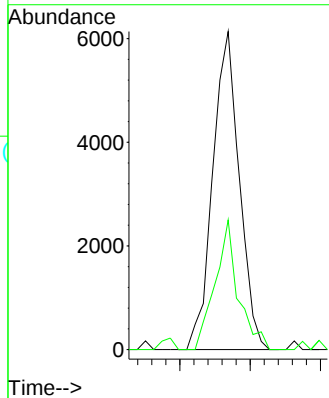
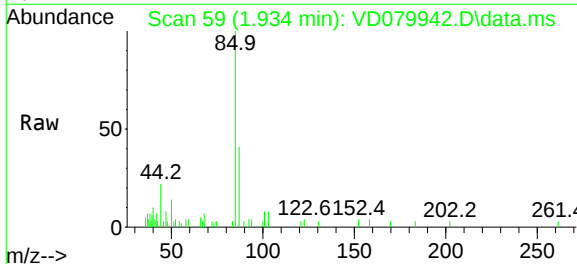
Manual Integrations
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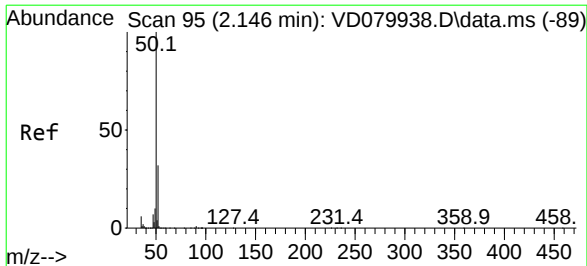
Reviewed By : Semsettin Yesilyurt 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#2
Dichlorodifluoromethane
Concen: 5.678 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

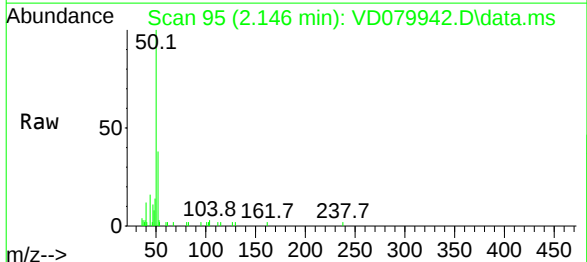
Tgt Ion: 85 Resp: 8060
Ion Ratio Lower Upper
85 100
87 40.8 14.4 43.2





#3
Chloromethane
Concen: 5.268 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

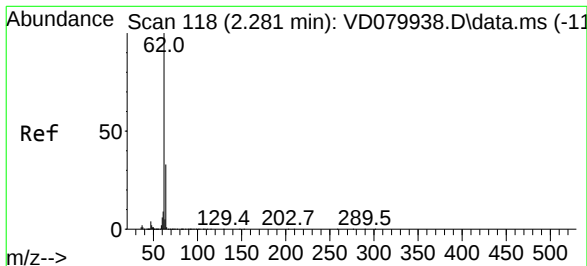
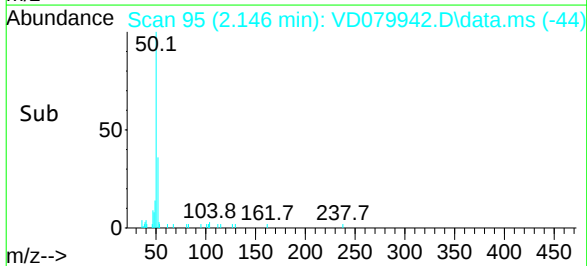
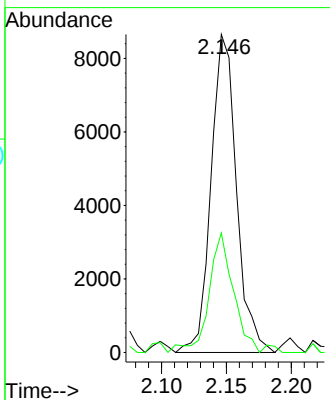
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 11793
Ion Ratio Lower Upper
50 100
52 35.2 25.6 38.4

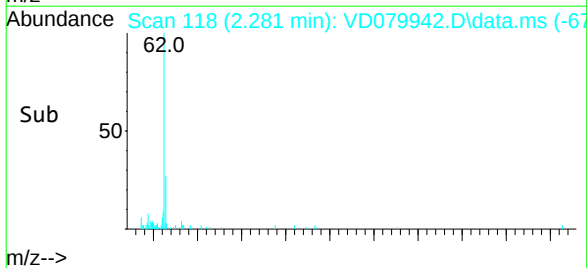
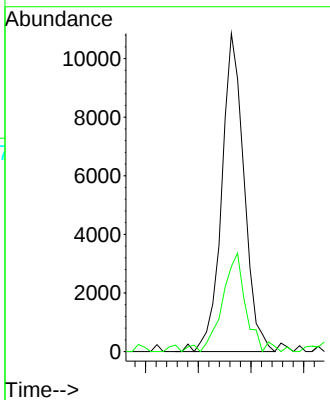
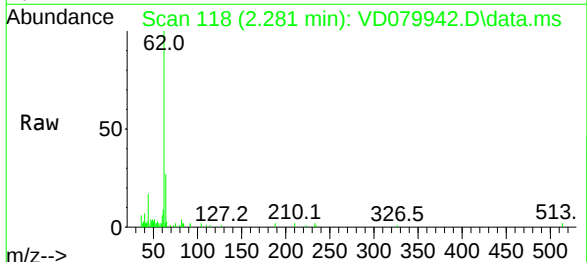
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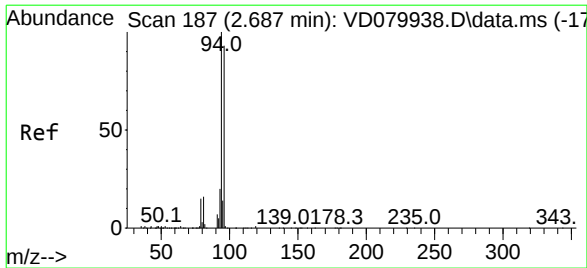
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#4
Vinyl Chloride
Concen: 5.608 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 62 Resp: 16007
Ion Ratio Lower Upper
62 100
64 25.1 26.0 39.0#





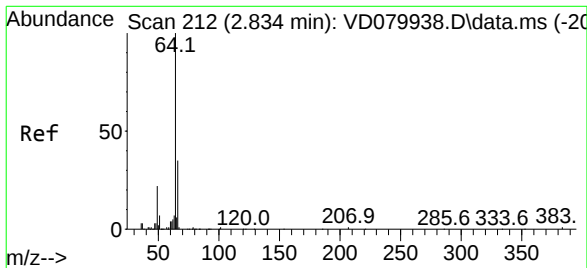
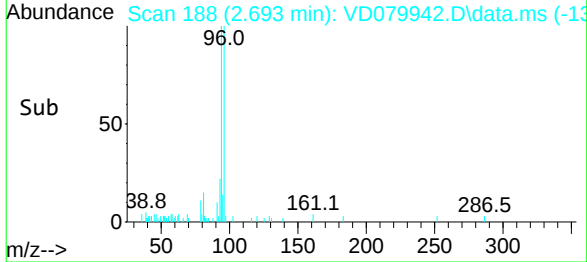
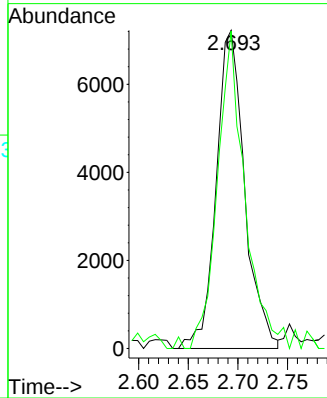
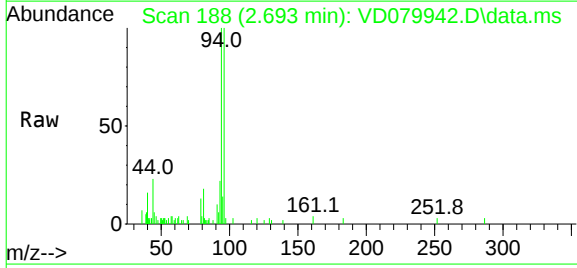
#5
Bromomethane
Concen: 6.678 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 14417
Ion Ratio Lower Upper
94 100
96 95.7 75.9 113.9

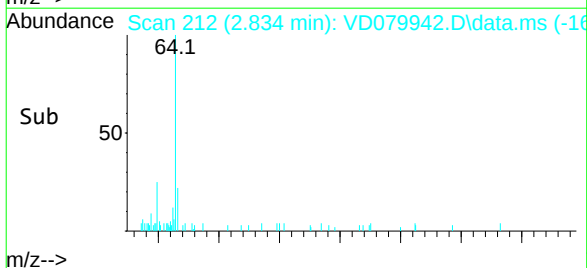
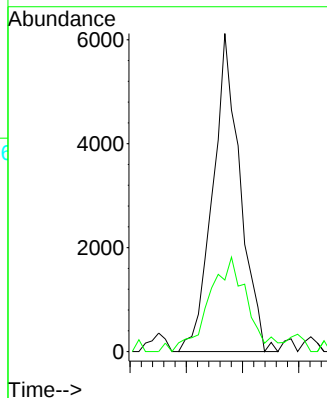
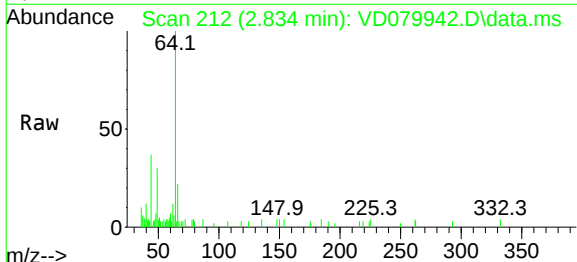
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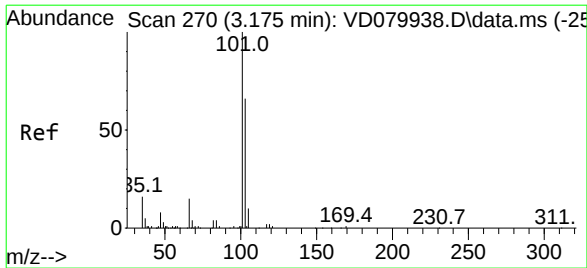
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 5.210 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 64 Resp: 10349
Ion Ratio Lower Upper
64 100
66 19.7 28.0 42.0#





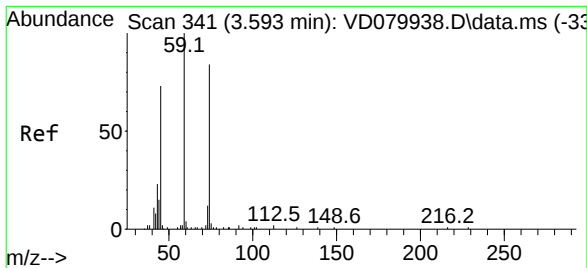
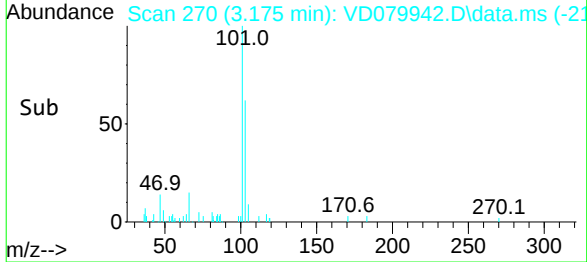
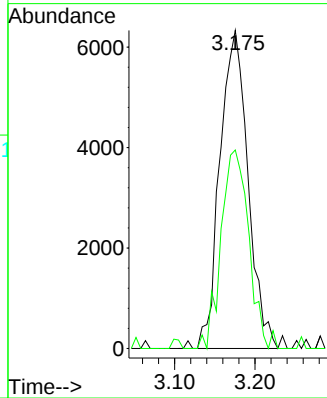
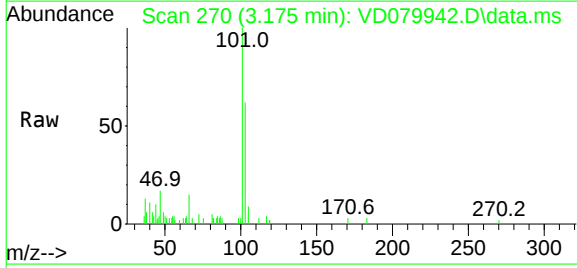
#7
Trichlorofluoromethane
Concen: 5.863 ug/l
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 15382
Ion Ratio Lower Upper
101 100
103 62.4 52.6 79.0

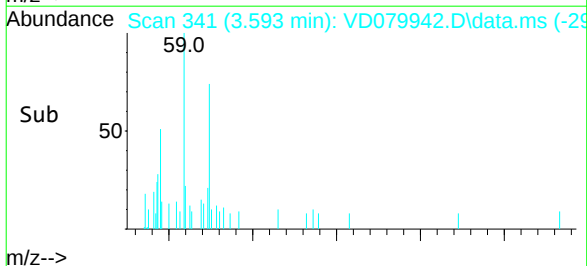
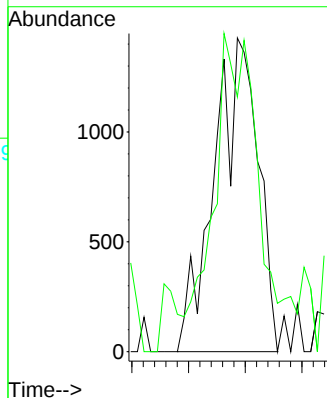
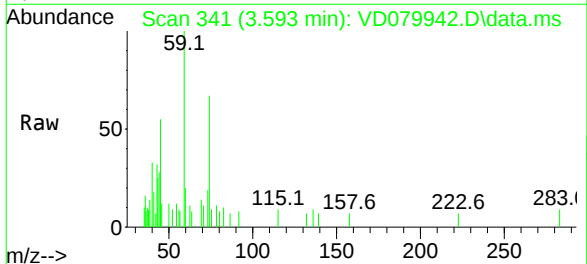
Manual Integrations
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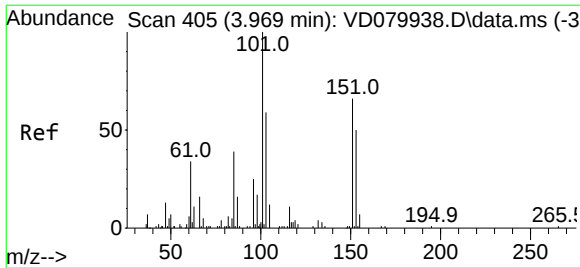
Reviewed By : Semsettin Yesilyurt 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#8
Diethyl Ether
Concen: 5.294 ug/l m
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

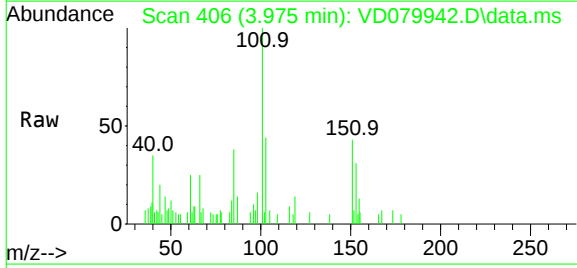
Tgt Ion: 74 Resp: 3846
Ion Ratio Lower Upper
74 100
45 6.5 44.0 132.0#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.096 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

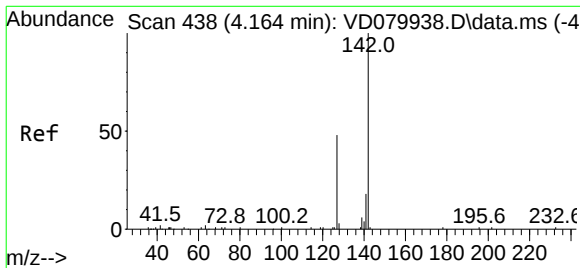
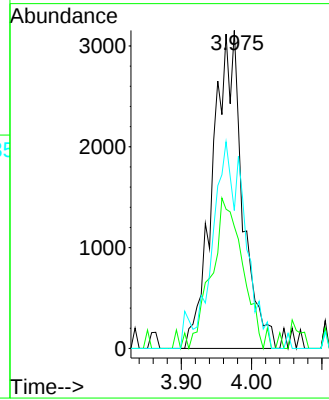
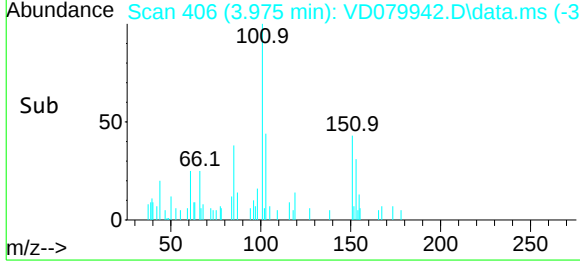
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion:	101	Resp:	9254
Ion Ratio	Lower	Upper	
101	100		
85	48.8	36.4	54.6
151	36.9	59.8	89.8

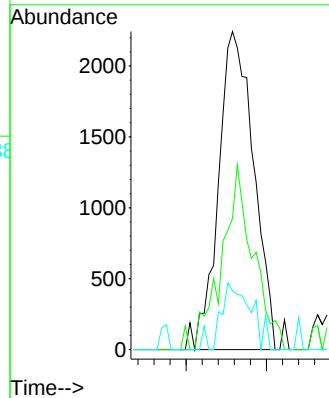
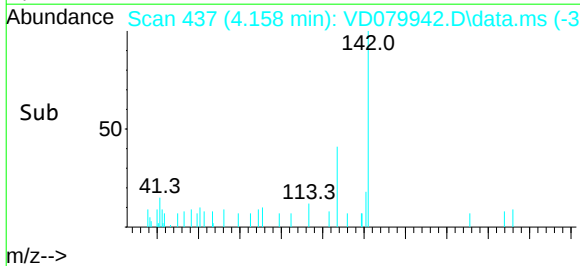
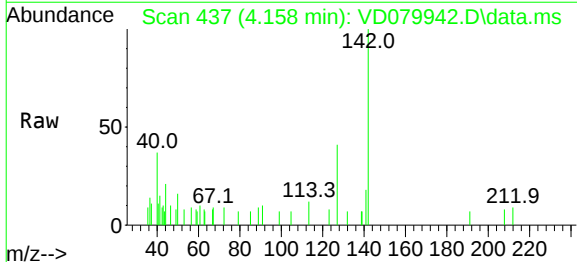
Manual Integrations
APPROVED

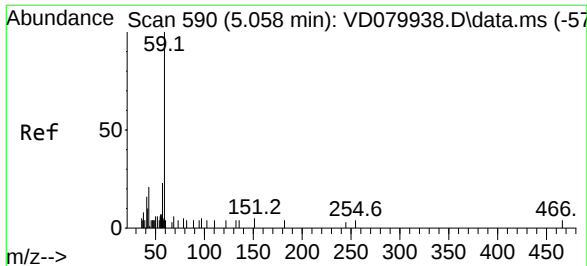
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 4.549 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

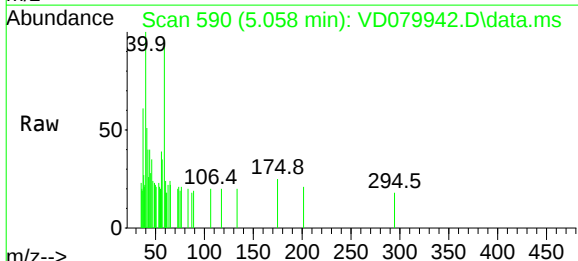
Tgt Ion:	142	Resp:	6847
Ion Ratio	Lower	Upper	
142	100		
127	51.3	38.5	57.7
141	17.2	13.9	20.9





#11
Tert butyl alcohol
Concen: 26.882 ug/l m
RT: 5.058 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

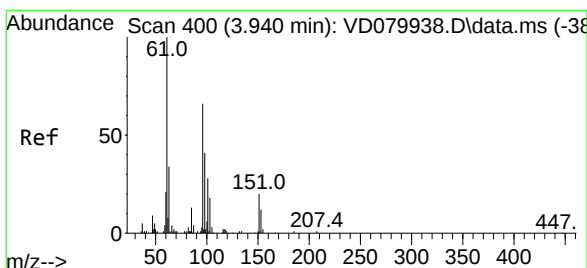
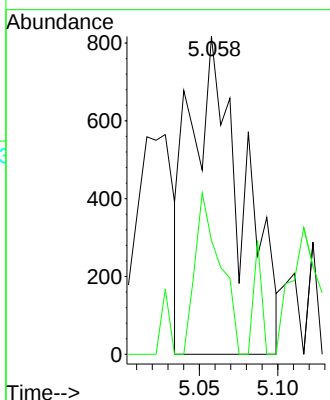
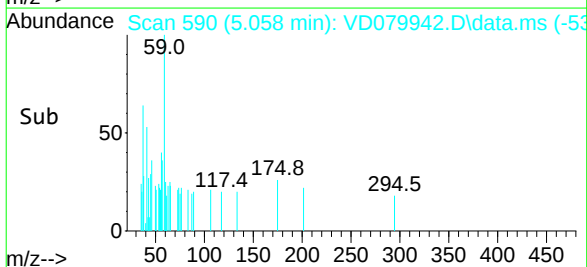
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



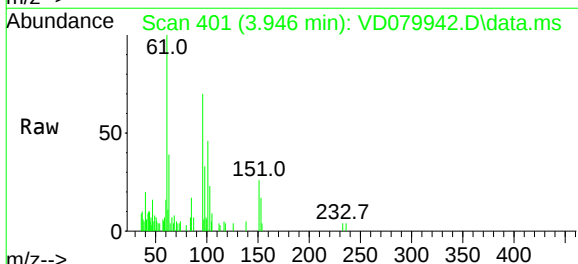
Tgt Ion: 59 Resp: 1873
Ion Ratio Lower Upper
59 100
57 24.8 0.0 0.0#

Manual Integrations
APPROVED

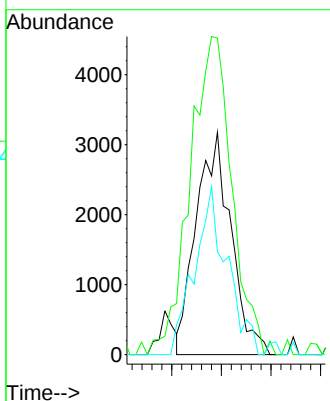
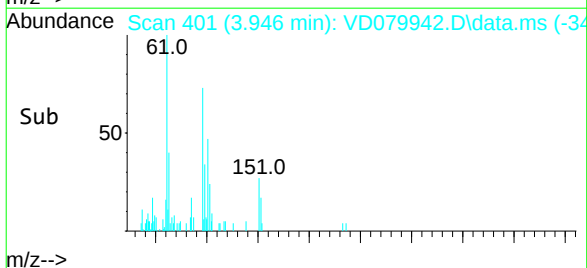
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

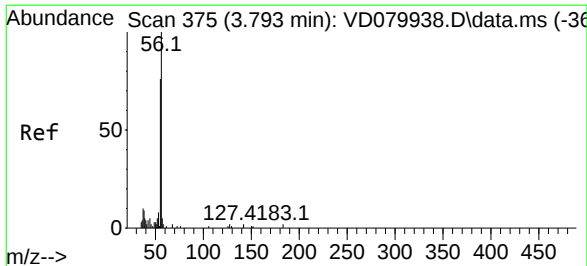


#12
1,1-Dichloroethene
Concen: 5.106 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42



Tgt Ion: 96 Resp: 7739
Ion Ratio Lower Upper
96 100
61 142.3 120.3 180.5
98 40.5 49.8 74.6#





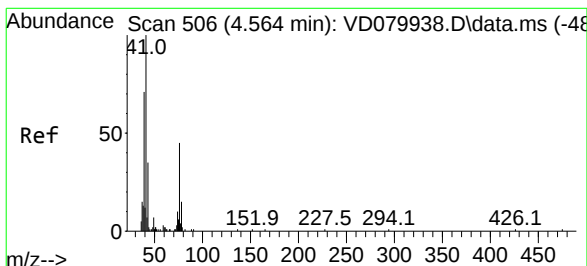
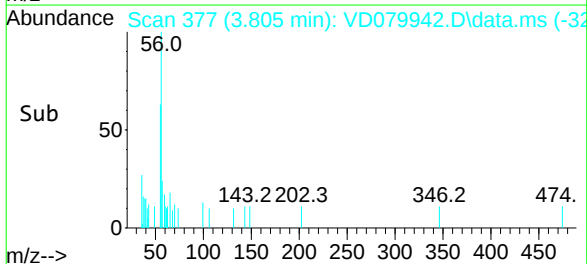
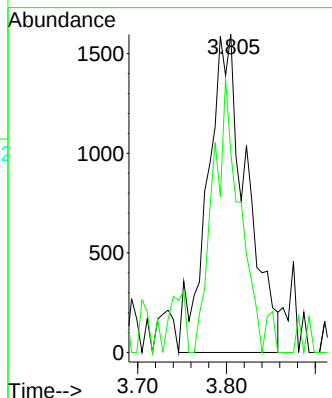
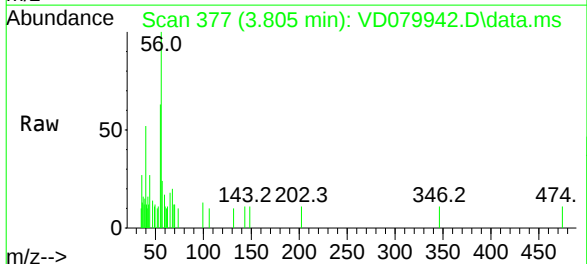
#13
Acrolein
Concen: 31.887 ug/l
RT: 3.805 min Scan# 37
Delta R.T. 0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 4884
Ion Ratio Lower Upper
56 100
55 58.0 60.3 90.5#

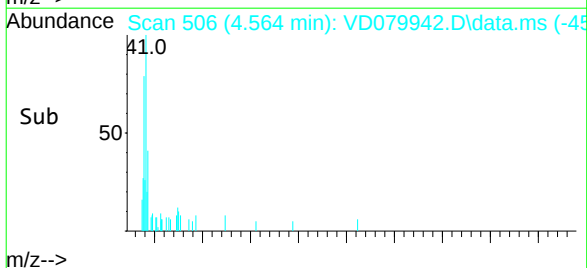
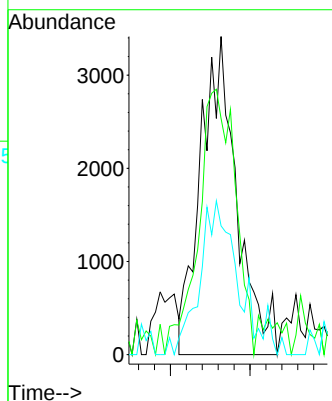
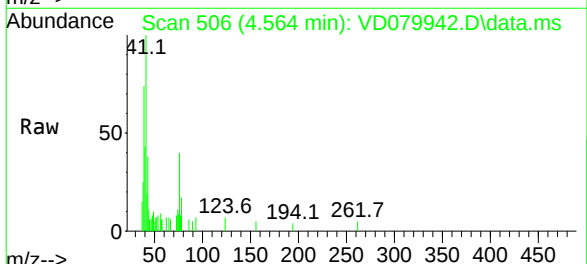
Manual Integrations
APPROVED

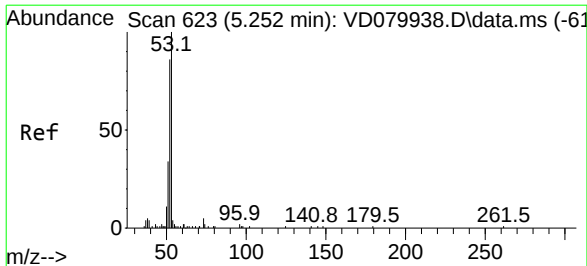
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#14
Allyl chloride
Concen: 5.491 ug/l m
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 41 Resp: 10799
Ion Ratio Lower Upper
41 100
39 86.0 58.1 87.1
76 49.0 39.5 59.3





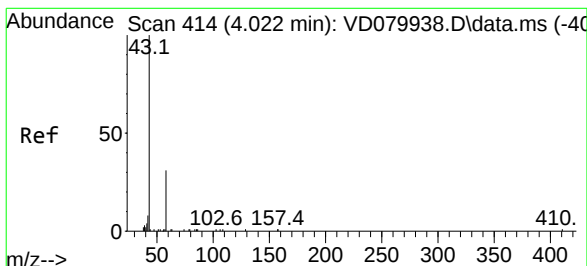
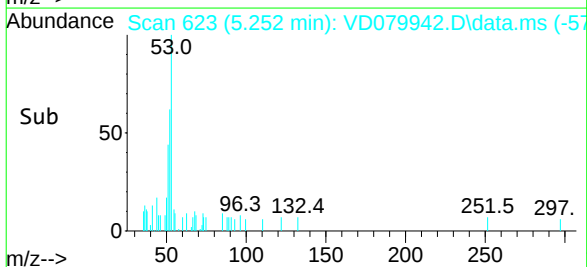
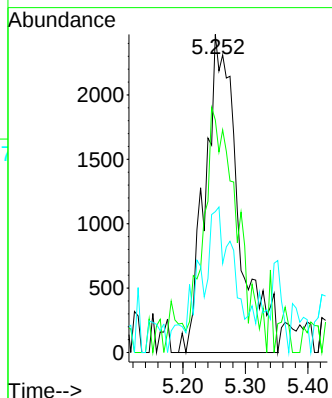
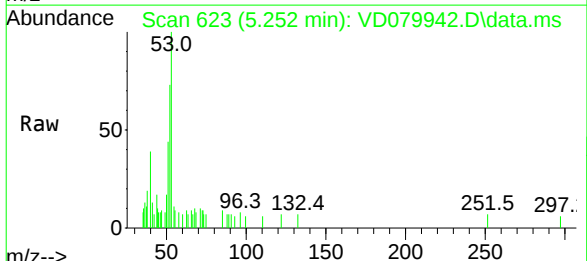
#15
Acrylonitrile
Concen: 28.275 ug/l
RT: 5.252 min Scan# 623
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
53	100		
52	75.7	68.9	103.3
51	32.5	32.7	49.1

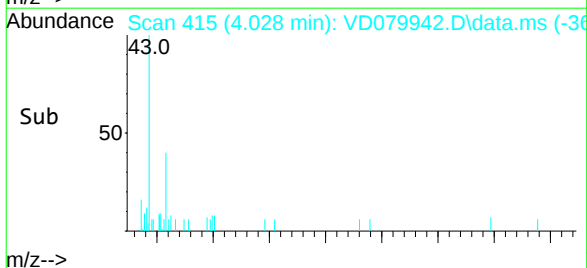
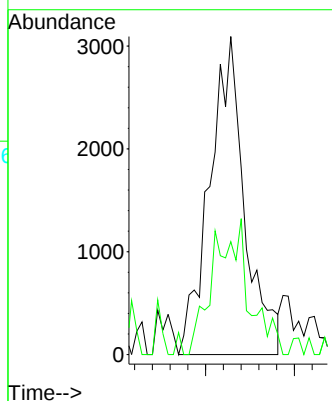
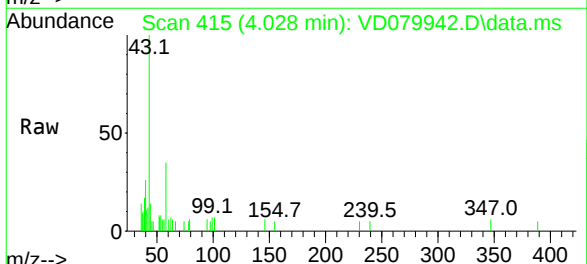
Manual Integrations
APPROVED

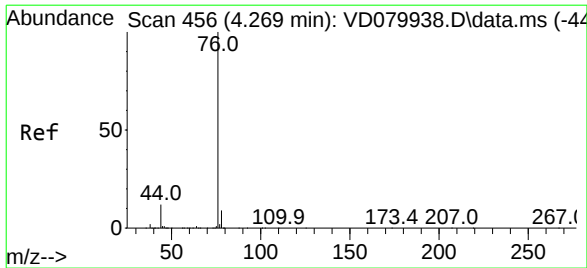
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 20.645 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.1	37.7





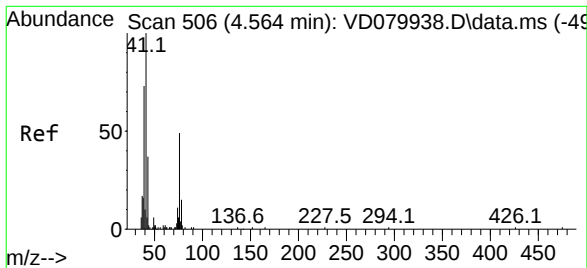
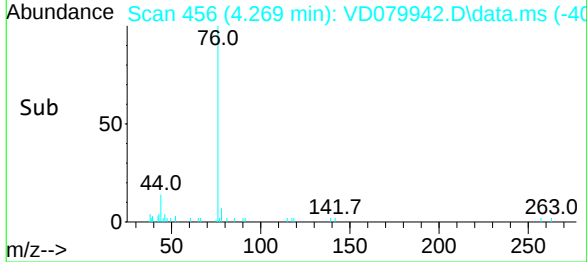
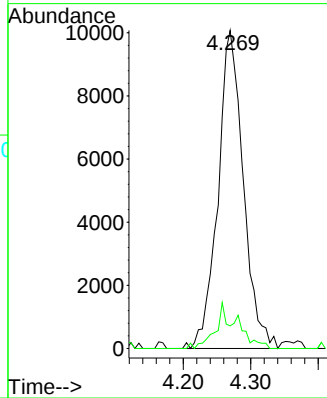
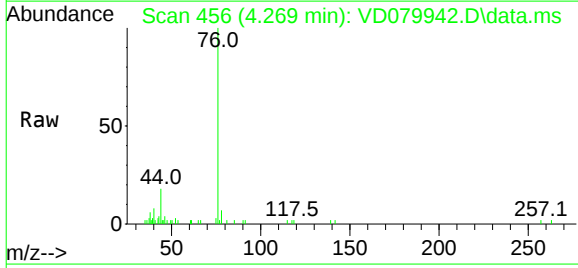
#17
Carbon Disulfide
Concen: 5.385 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 26301
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#

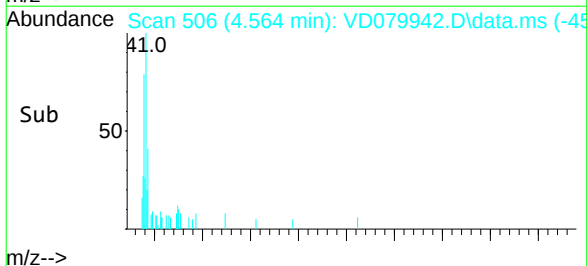
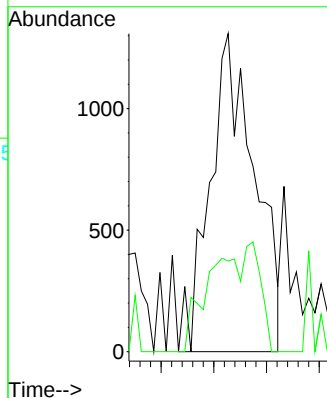
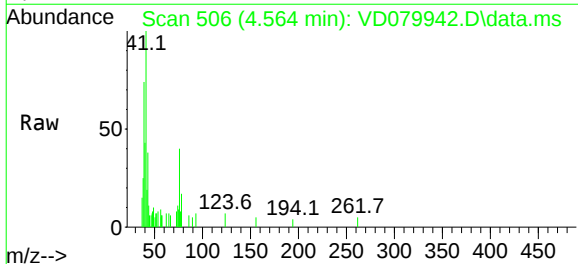
Manual Integrations
APPROVED

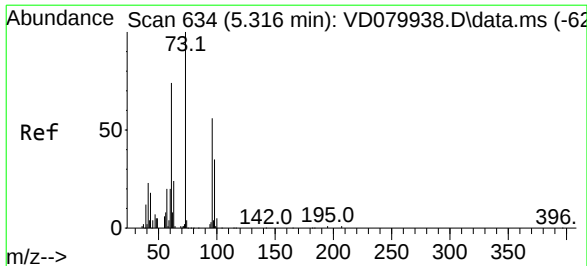
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 3.516 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

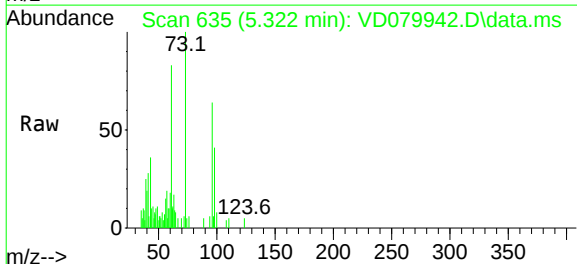
Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
74 24.7 24.3 36.5





#19
Methyl tert-butyl Ether
Concen: 4.541 ug/l
RT: 5.322 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

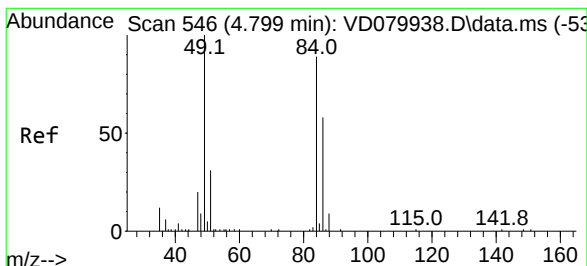
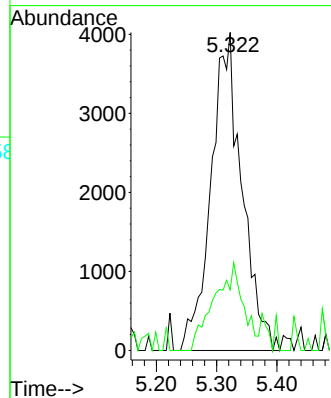
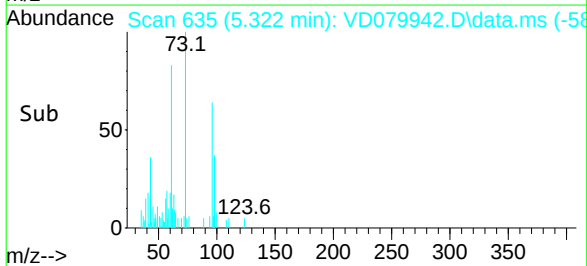
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 14269
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.4

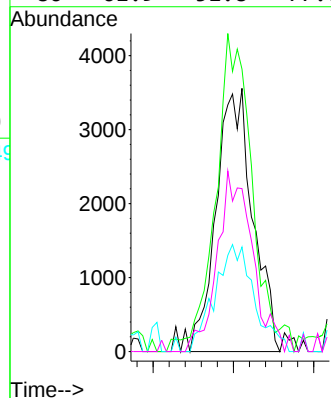
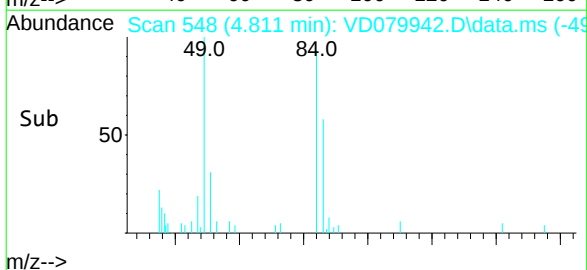
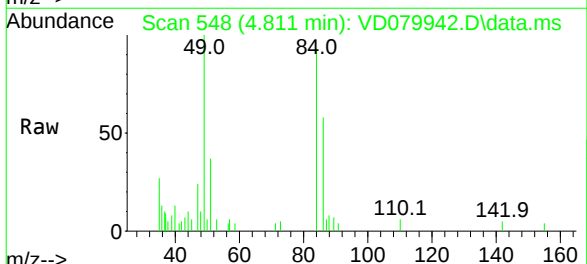
Manual Integrations
APPROVED

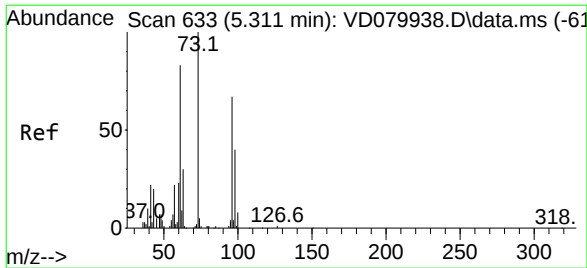
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 5.546 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

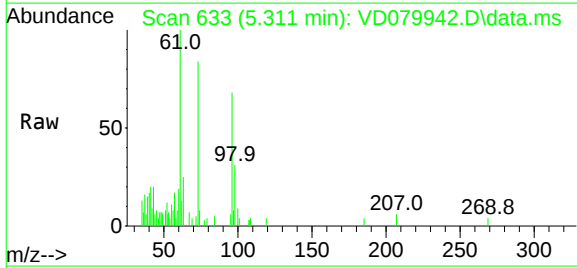
Tgt Ion: 84 Resp: 11290
Ion Ratio Lower Upper
84 100
49 102.9 89.0 133.4
51 39.7 28.2 42.2
86 61.9 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 4.810 ug/l
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

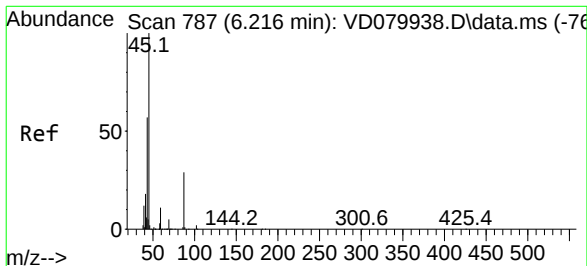
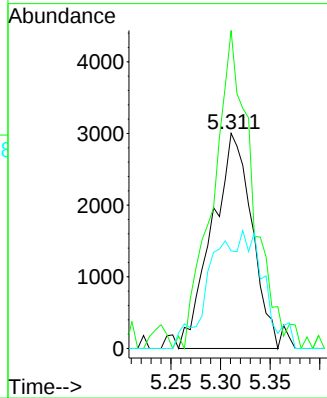
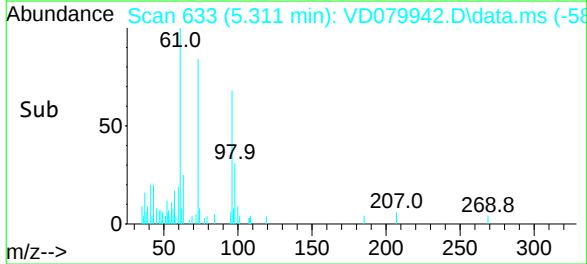
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



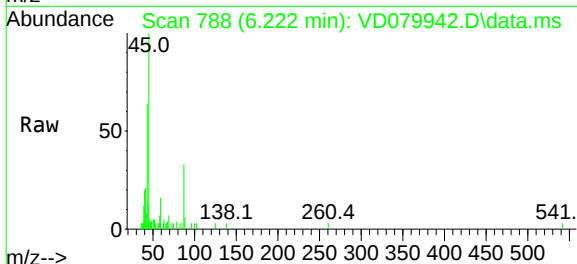
Tgt Ion:	96	Resp:	8364
Ion	Ratio	Lower	Upper
96	100		
61	142.1	97.5	146.3
98	38.3	47.8	71.8#

Manual Integrations
APPROVED

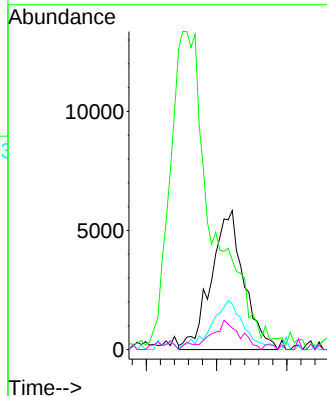
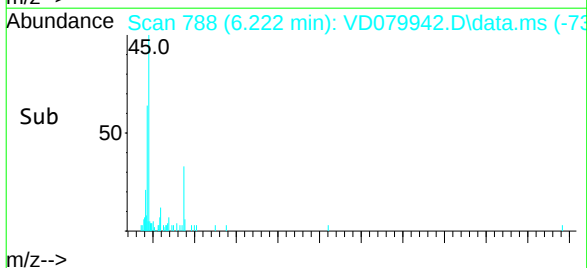
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

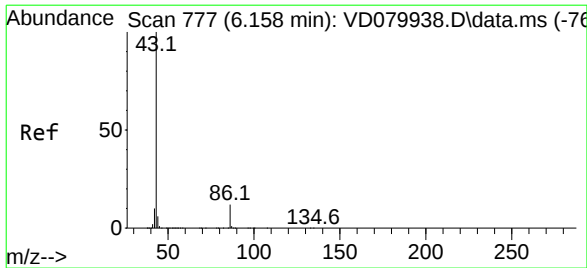


#22
Diisopropyl ether
Concen: 4.470 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42



Tgt Ion:	45	Resp:	18747
Ion	Ratio	Lower	Upper
45	100		
43	56.3	45.5	68.3
87	32.9	23.4	35.0
59	15.6	9.2	13.8#





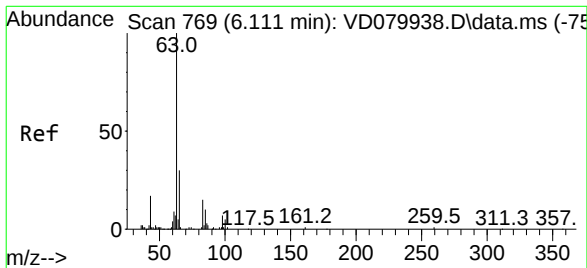
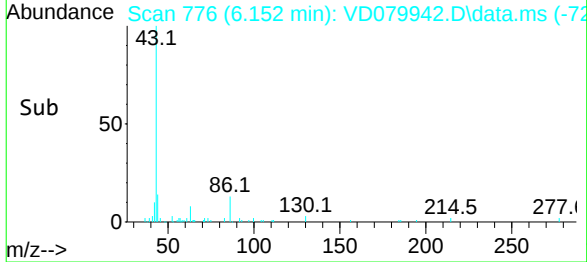
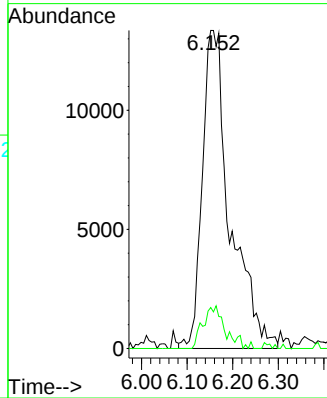
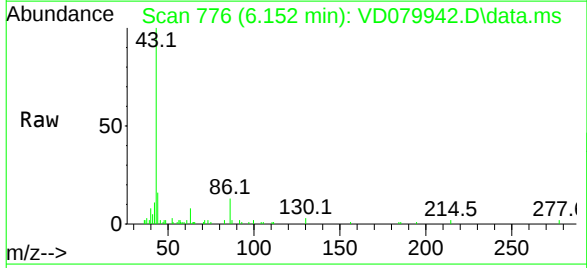
#23
 Vinyl Acetate
 Concen: 26.497 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD079942.D
 Acq: 30 Sep 2024 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 56447
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.3 13.9

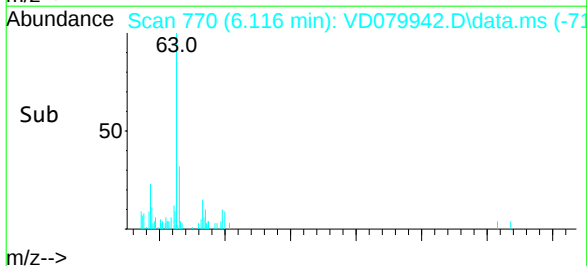
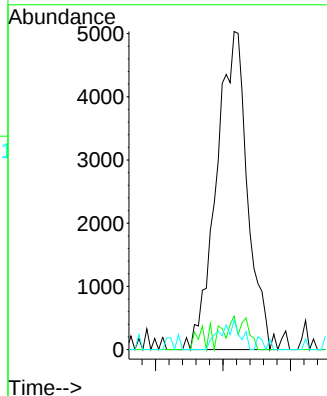
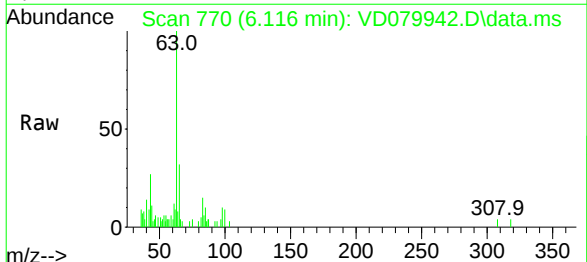
Manual Integrations
 APPROVED

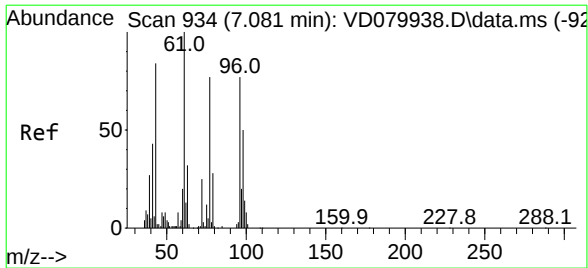
Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#24
 1,1-Dichloroethane
 Concen: 5.564 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD079942.D
 Acq: 30 Sep 2024 17:42

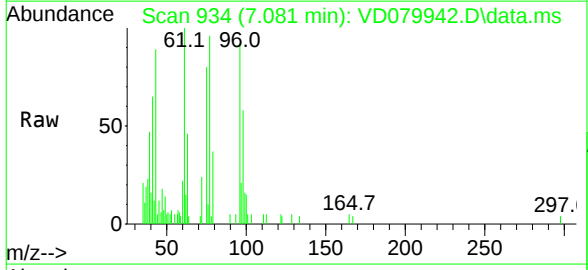
Tgt Ion: 63 Resp: 16086
 Ion Ratio Lower Upper
 63 100
 98 10.5 3.4 10.2#
 100 9.3 2.4 7.1#





#25
2-Butanone
Concen: 20.156 ug/l
RT: 7.081 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

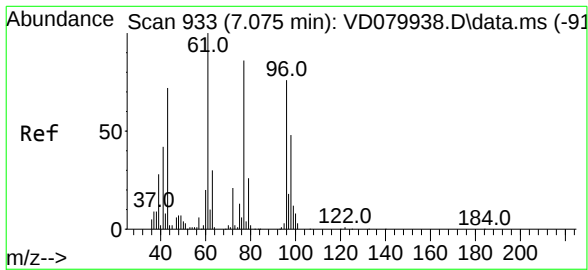
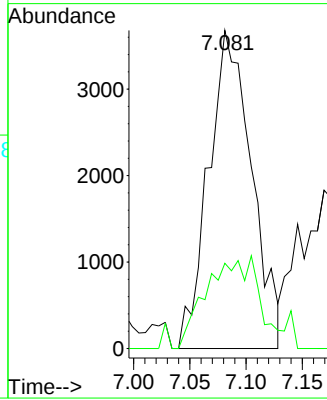
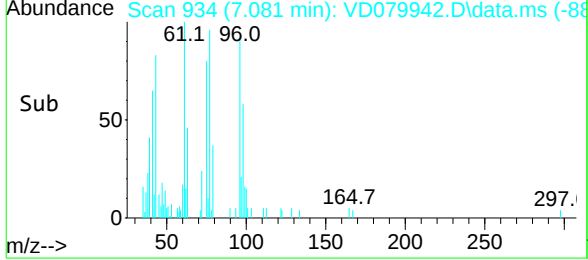
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 9802
Ion Ratio Lower Upper
43 100
72 26.8 23.4 35.0

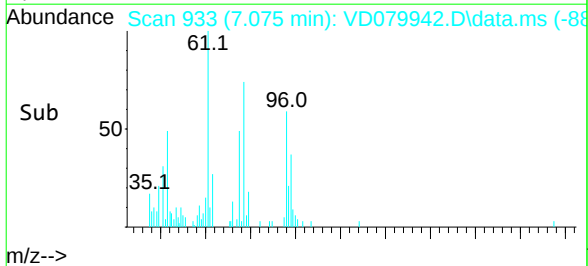
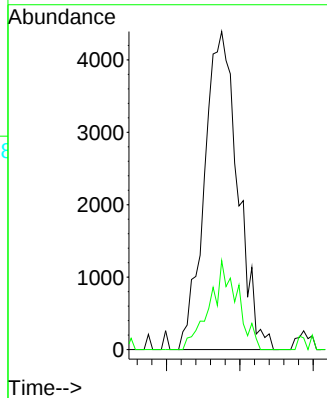
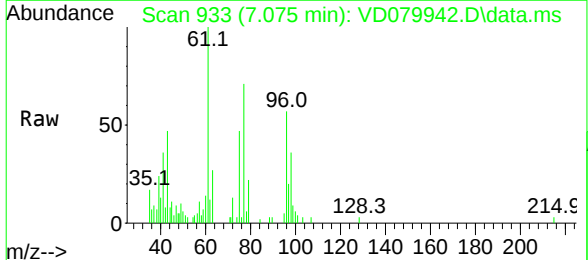
Manual Integrations
APPROVED

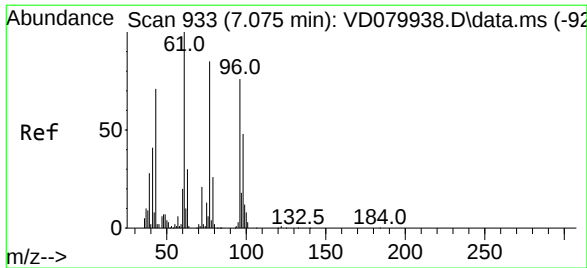
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 5.725 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 77 Resp: 13879
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.4





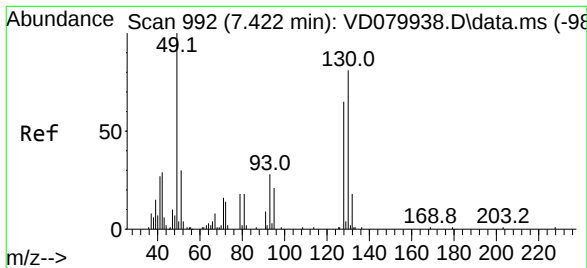
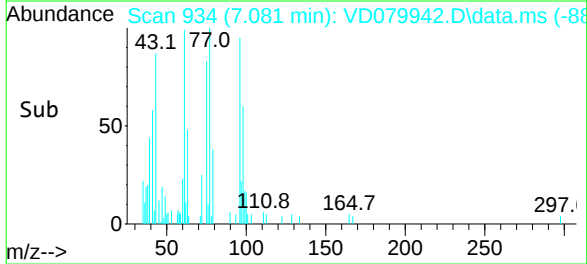
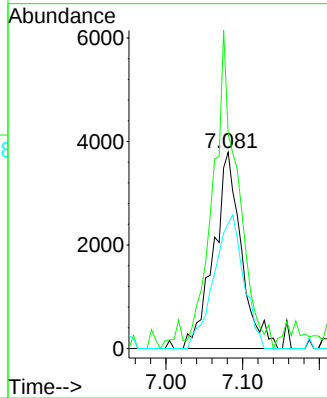
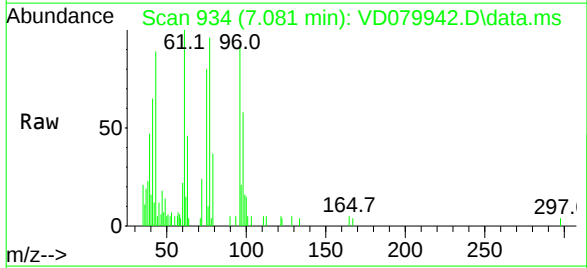
#27
cis-1,2-Dichloroethene
Concen: 5.039 ug/l
RT: 7.081 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:	96	Resp:	9477
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	262.6
98	73.5	0.0	126.6

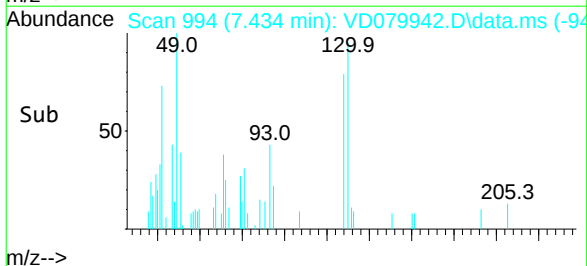
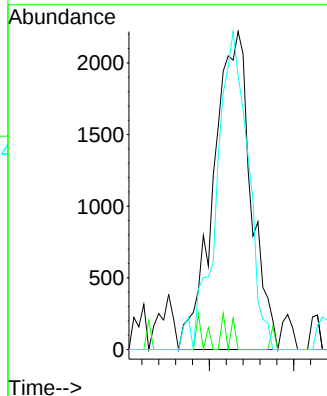
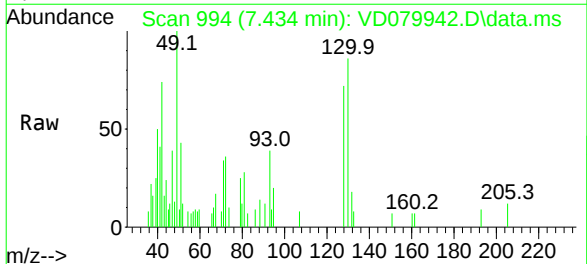
Manual Integrations
APPROVED

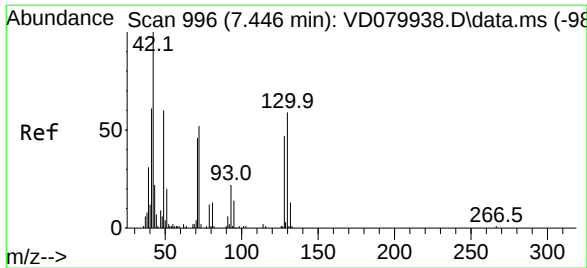
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#28
Bromochloromethane
Concen: 5.912 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	49	Resp:	6865
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	7.4
130	84.7	68.3	102.5





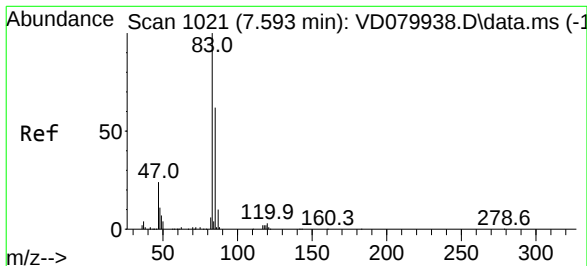
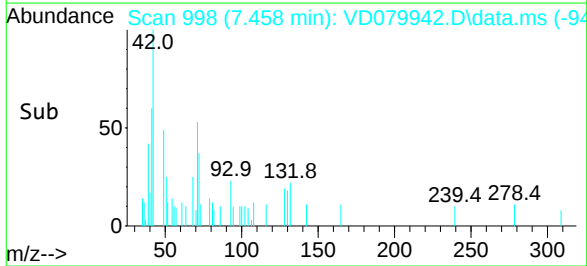
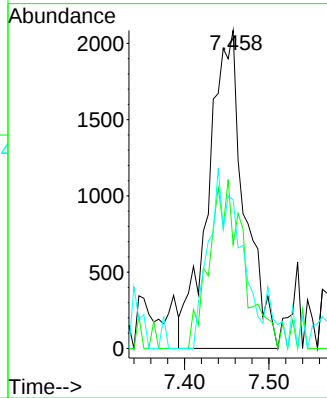
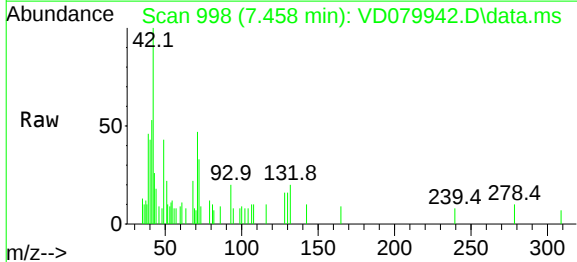
#29
Tetrahydrofuran
Concen: 27.153 ug/l
RT: 7.458 min Scan# 99
Delta R.T. 0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt	Ion	Ratio	Lower	Upper
42	42	100		
72	72	51.1	41.4	62.2
71	71	50.0	39.3	58.9

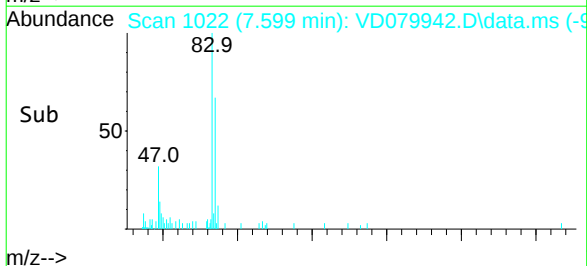
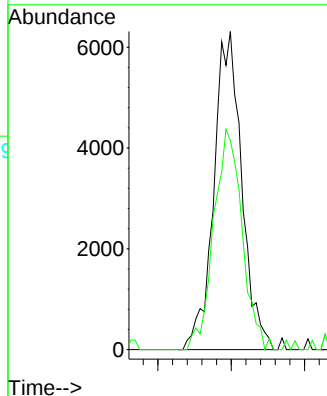
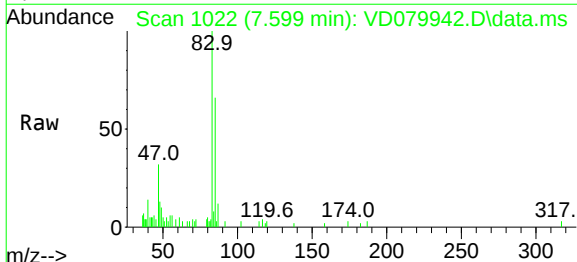
Manual Integrations
APPROVED

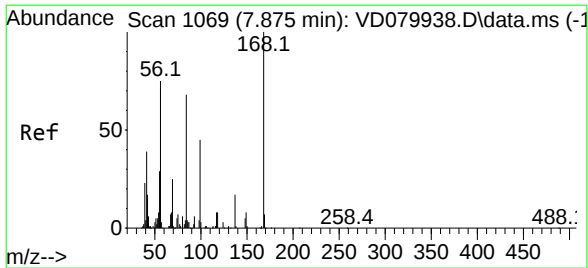
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 5.623 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt	Ion	Ratio	Lower	Upper
83	83	100		
85	85	65.8	49.8	74.8





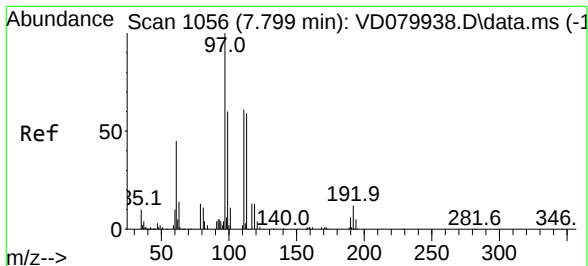
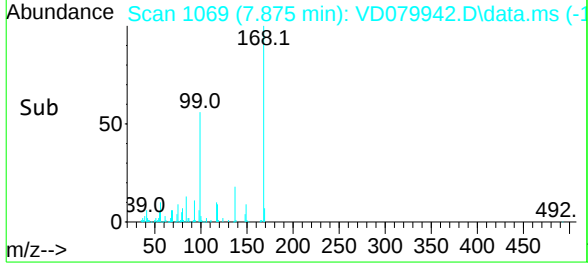
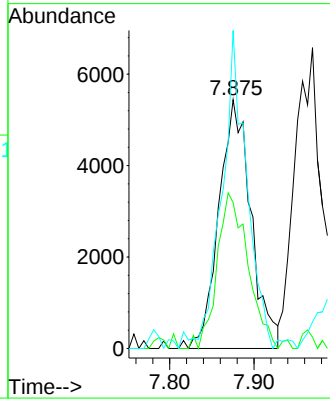
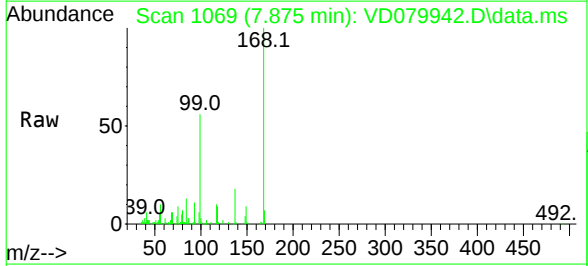
#31
Cyclohexane
Concen: 5.709 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument : MSVOA_D
ClientSampleId : VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	58.6	27.0	40.6
84	127.9	72.9	109.3

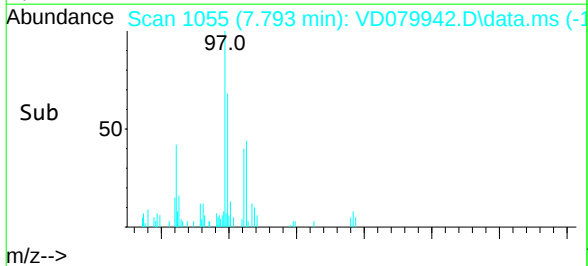
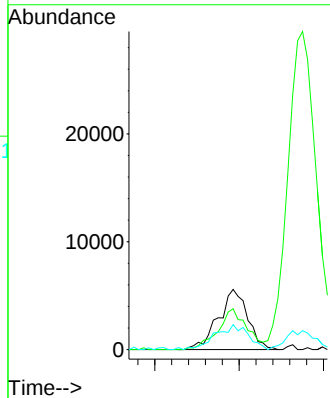
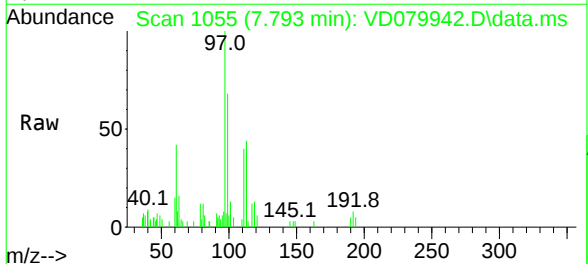
Manual Integrations
APPROVED

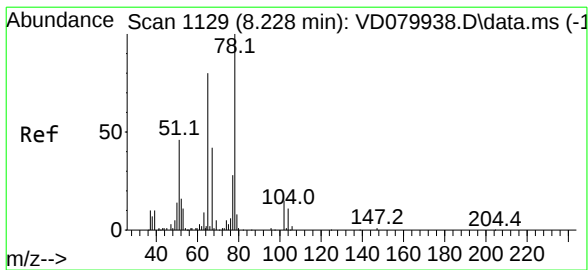
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#32
1,1,1-Trichloroethane
Concen: 5.284 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.9	77.9
61	46.4	35.7	53.5





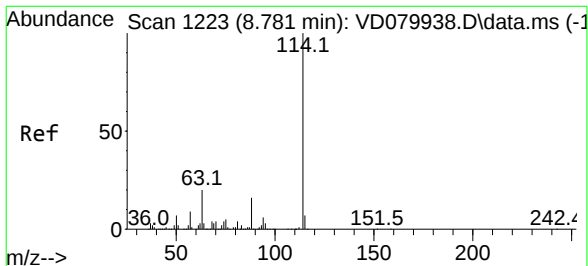
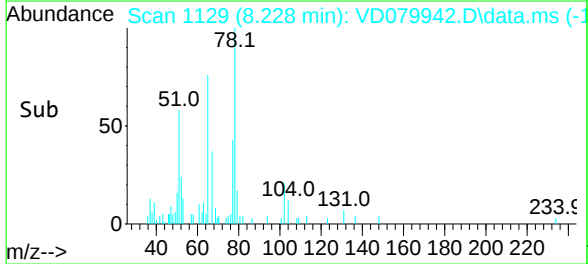
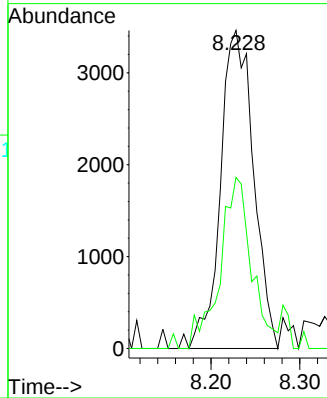
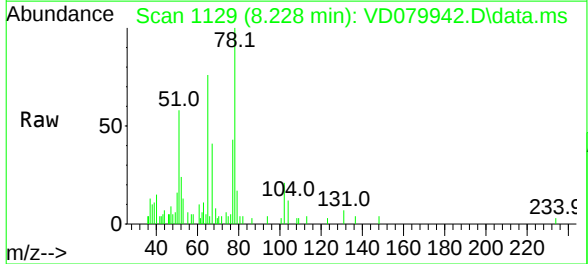
#33
1,2-Dichloroethane-d4
Concen: 6.418 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 8989
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.2

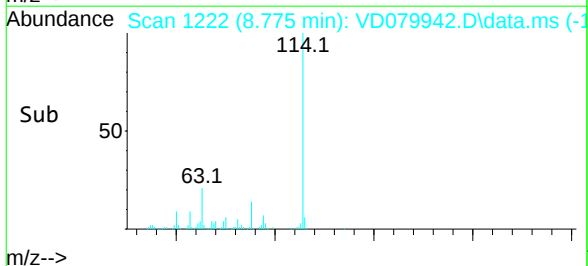
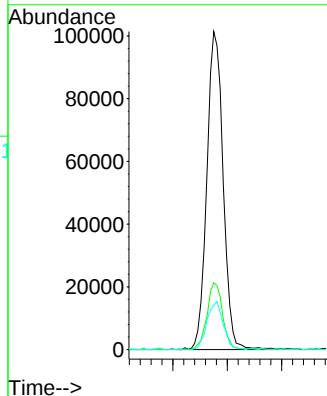
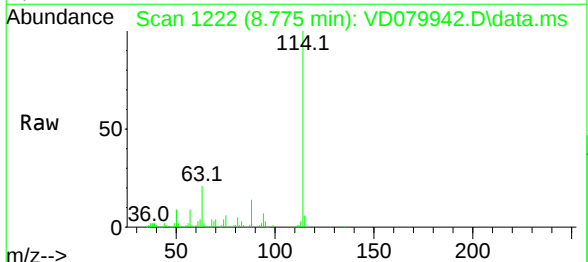
Manual Integrations
APPROVED

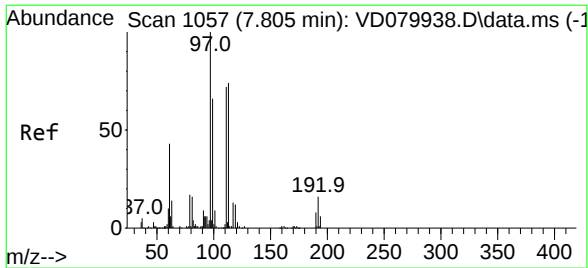
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

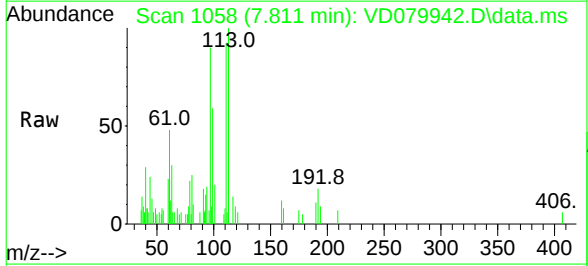
Tgt Ion:114 Resp: 211068
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.2
88 14.0 0.0 32.4





#35
Dibromofluoromethane
Concen: 5.313 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

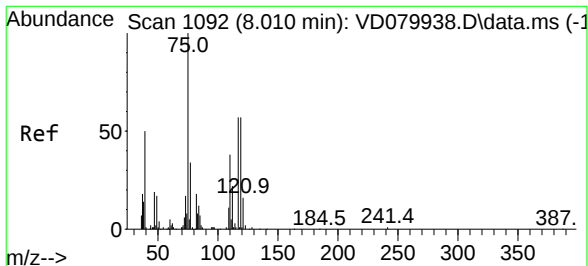
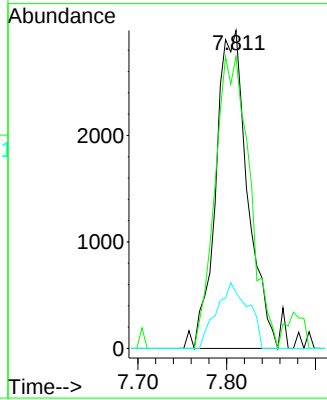
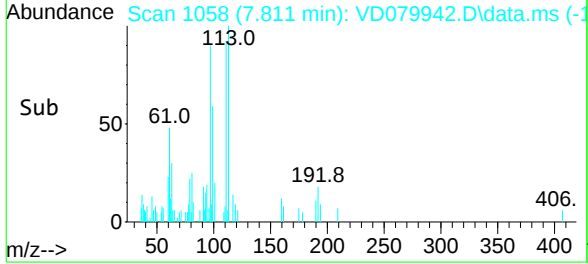
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



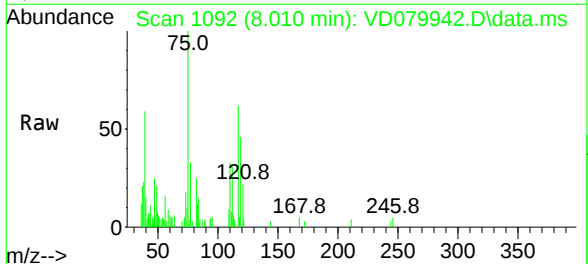
Tgt Ion: 113 Resp: 7405
Ion Ratio Lower Upper
113 100
111 100.5 82.8 124.2
192 20.7 16.9 25.3

Manual Integrations
APPROVED

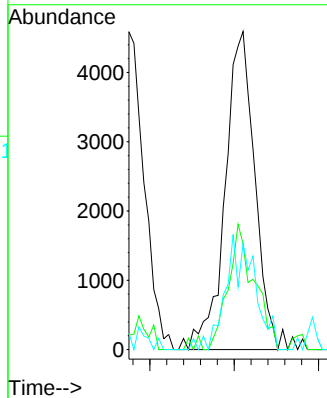
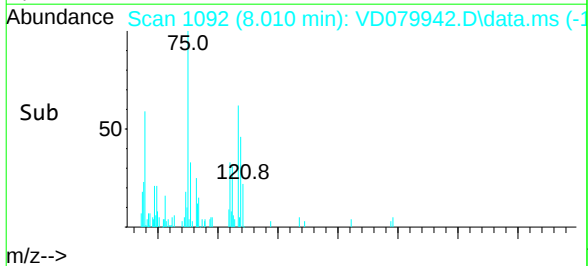
Reviewed By : Semsettin Yesilyurt 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024

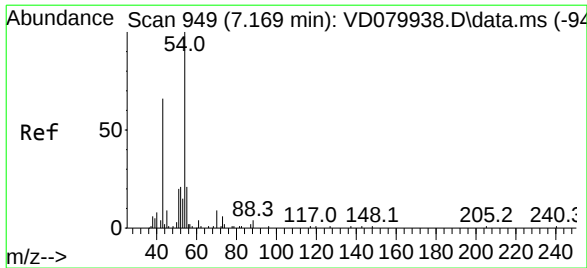


#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42



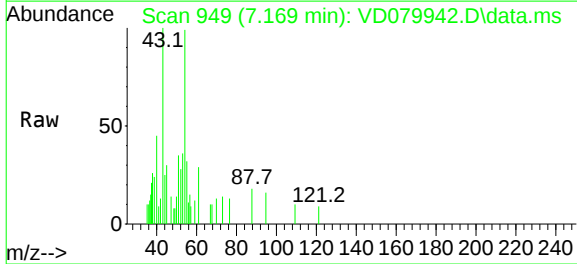
Tgt Ion: 75 Resp: 11175
Ion Ratio Lower Upper
75 100
110 34.8 17.9 53.7
77 16.4 25.1 37.7#





#37
Ethyl Acetate
Concen: 5.778 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

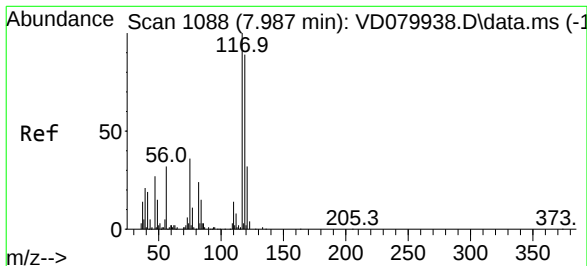
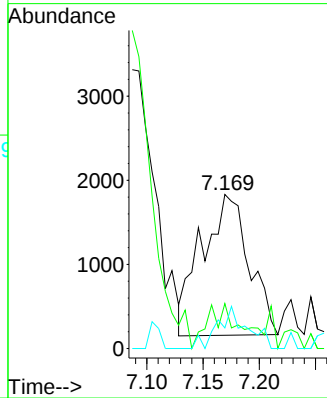
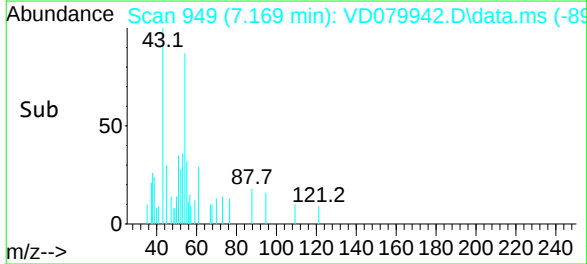
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



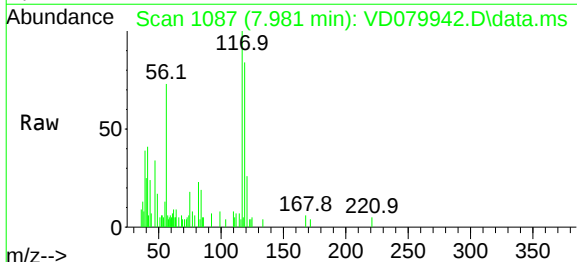
Tgt Ion: 43 Resp: 4911
Ion Ratio Lower Upper
43 100
61 21.4 15.8 23.8
70 18.4 10.4 15.6

Manual Integrations
APPROVED

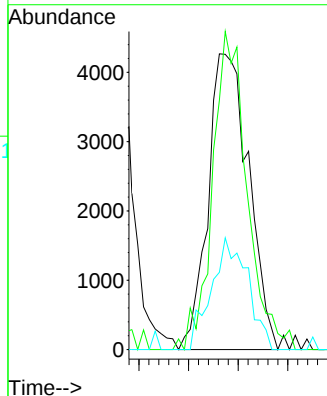
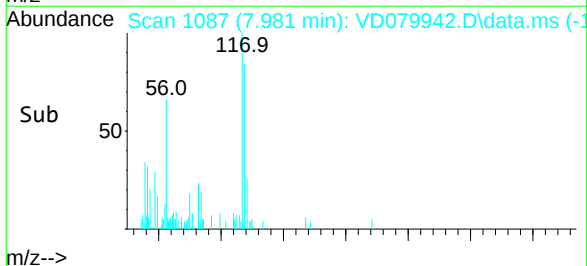
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

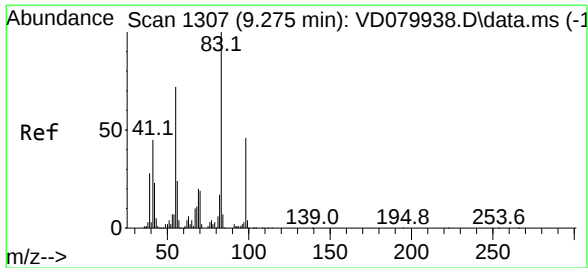


#38
Carbon Tetrachloride
Concen: 5.348 ug/l
RT: 7.981 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42



Tgt Ion:117 Resp: 12100
Ion Ratio Lower Upper
117 100
119 80.7 71.4 107.0
121 26.1 25.3 37.9





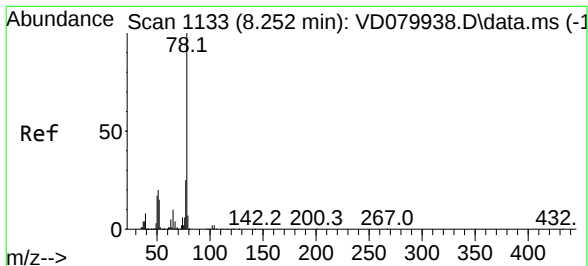
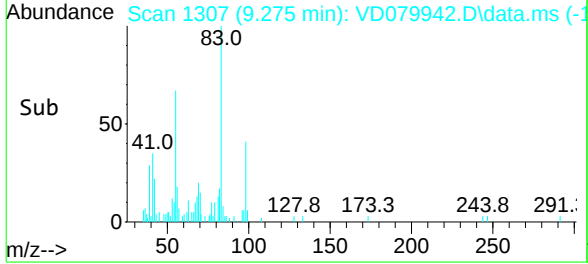
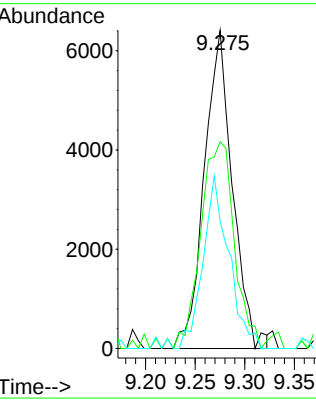
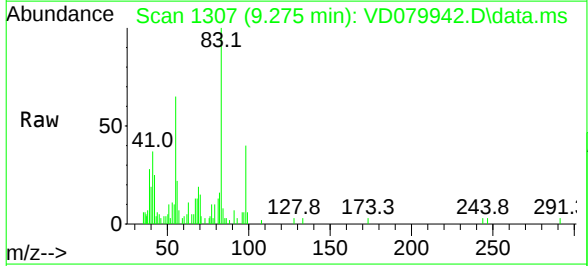
#39
Methylcyclohexane
Concen: 4.767 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument : MSVOA_D
ClientSampleId : VSTDIC005

Tgt Ion:	83	Resp:	12653
Ion	Ratio	Lower	Upper
83	100		
55	62.6	57.7	86.5
98	40.1	36.4	54.6

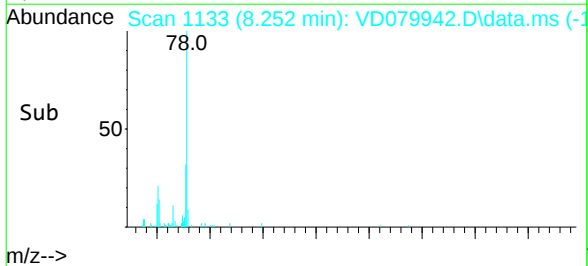
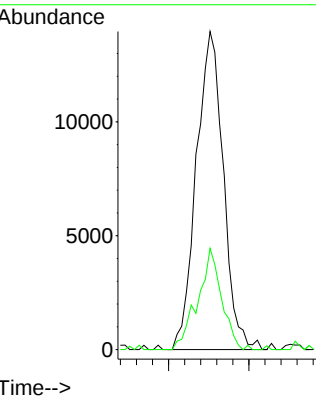
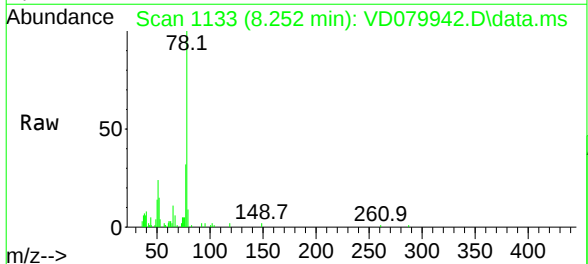
Manual Integrations
APPROVED

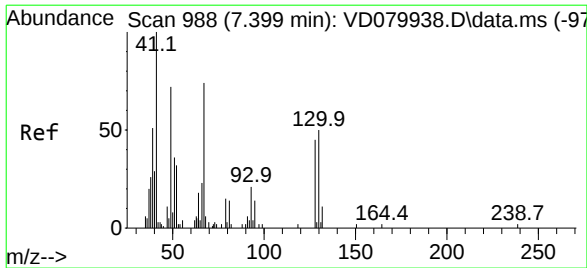
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 5.045 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	78	Resp:	32675
Ion	Ratio	Lower	Upper
78	100		
77	31.8	20.3	30.5





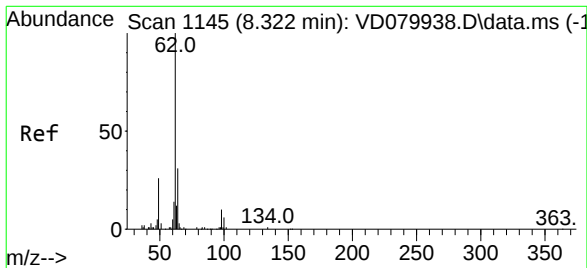
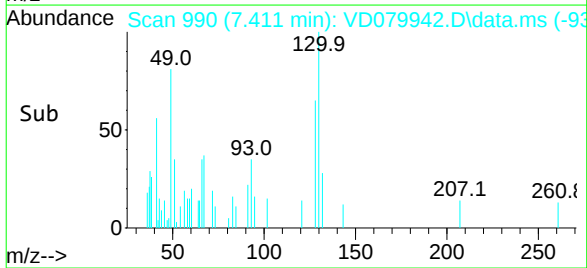
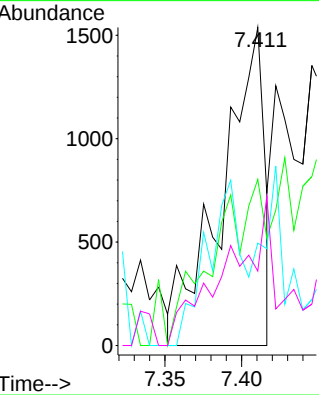
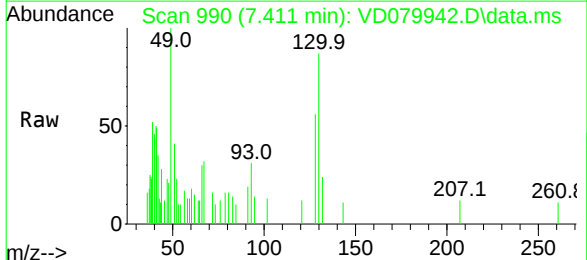
#41
Methacrylonitrile
Concen: 6.350 ug/l
RT: 7.411 min Scan# 99
Delta R.T. 0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt	Ion:	41	Resp:	2960
Ion	Ratio	Lower	Upper	
41	100			
39	20.4	48.0	72.0	#
67	37.2	67.9	101.9	#
52	0.0	30.8	46.2	#

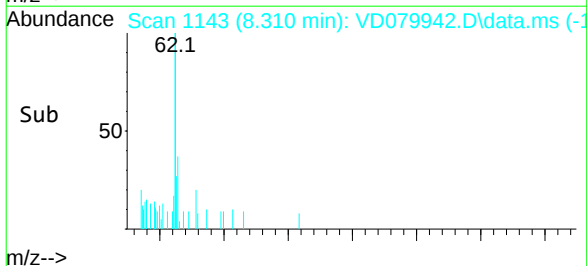
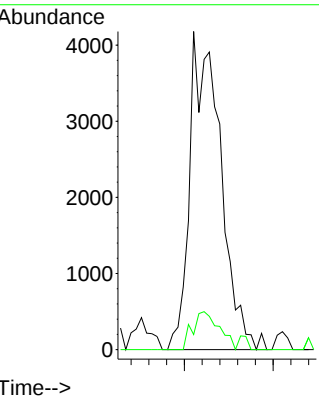
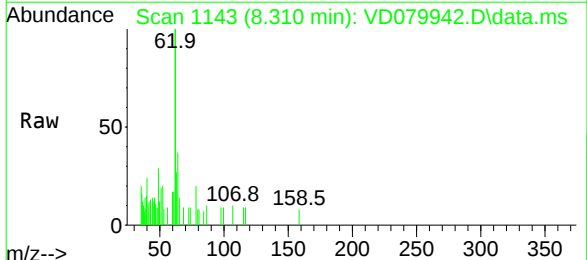
Manual Integrations
APPROVED

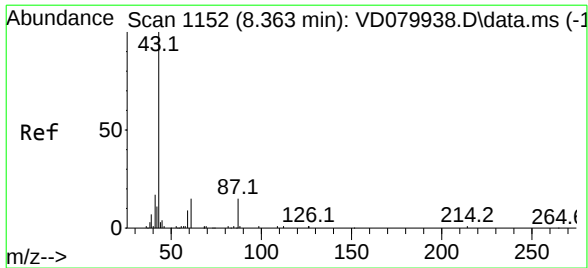
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 5.947 ug/l
RT: 8.310 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt	Ion:	62	Resp:	10092
Ion	Ratio	Lower	Upper	
62	100			
98	10.2	0.0	20.6	





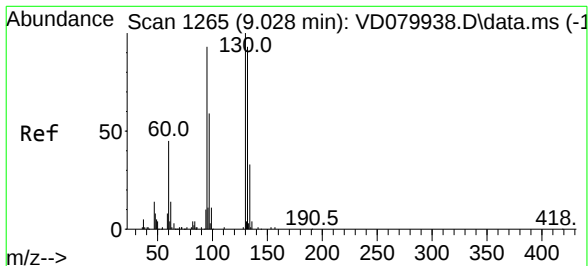
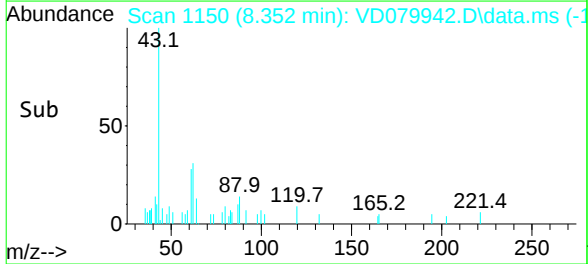
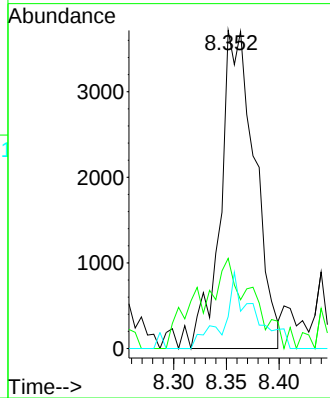
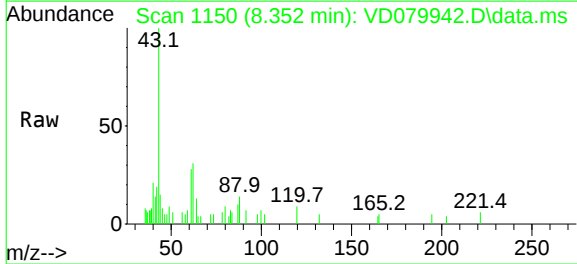
#43
Isopropyl Acetate
Concen: 5.373 ug/l
RT: 8.352 min Scan# 1152
Delta R.T. -0.012 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument : MSVOA_D
ClientSampleId : VSTDIC005

Tgt Ion: 43	Resp: 8456
Ion Ratio	Lower Upper
43 100	
61 8.5	27.4 41.2
87 20.7	12.4 18.6

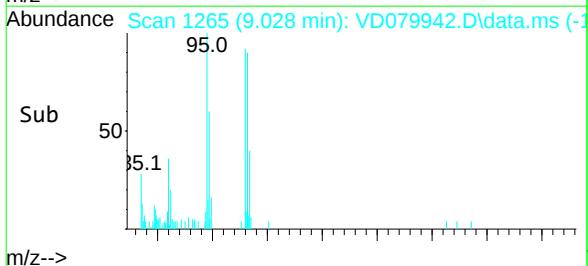
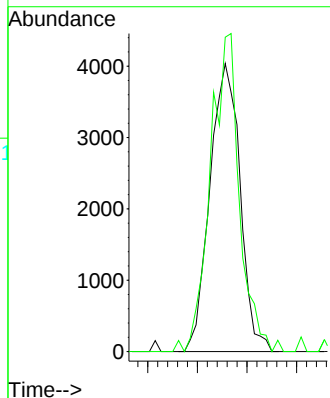
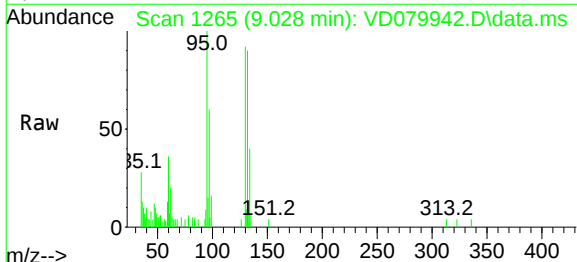
Manual Integrations
APPROVED

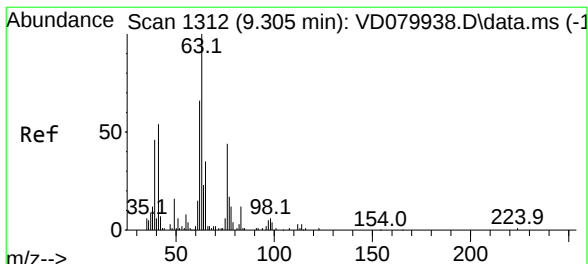
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#44
Trichloroethene
Concen: 5.151 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:130	Resp: 8544
Ion Ratio	Lower Upper
130 100	
95 105.3	0.0 185.6





#45
 1,2-Dichloropropane
 Concen: 5.680 ug/l
 RT: 9.305 min Scan# 1312
 Delta R.T. 0.000 min
 Lab File: VD079942.D
 Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

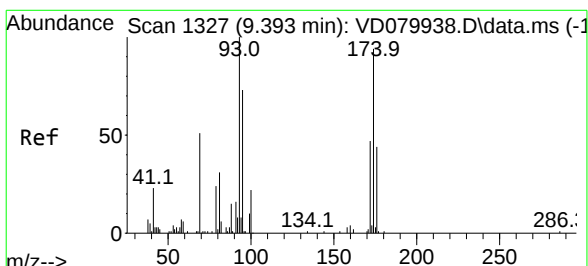
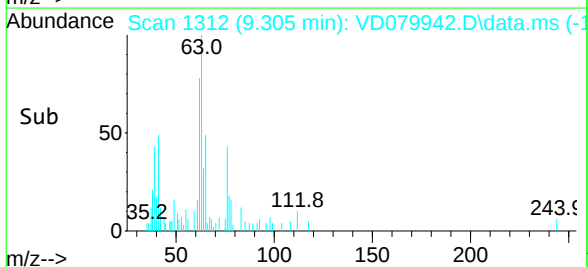
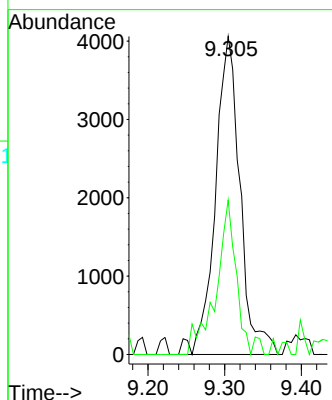
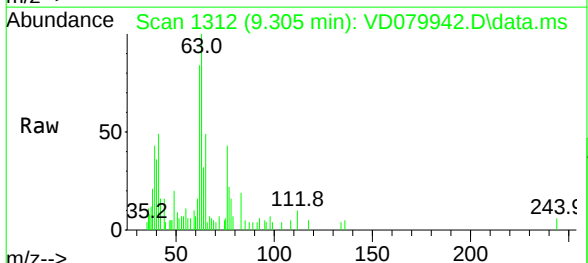
ClientSampleId :

VSTDICC005

Tgt Ion:	63	Resp:	9104
Ion	Ratio	Lower	Upper
63	100		
65	48.5	28.1	42.1

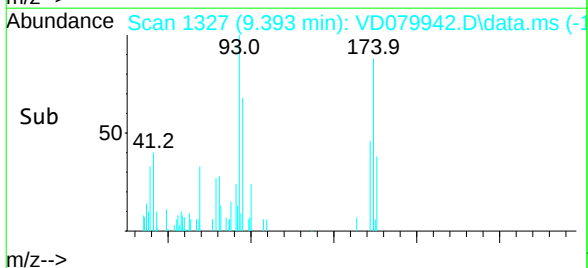
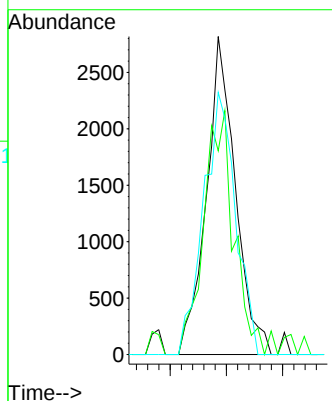
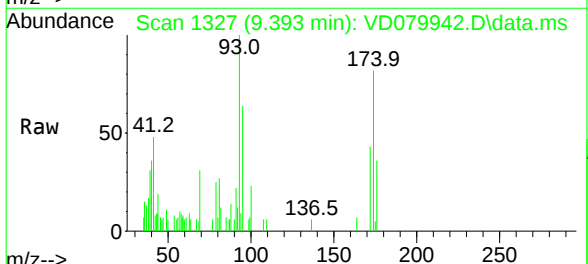
Manual Integrations
 APPROVED

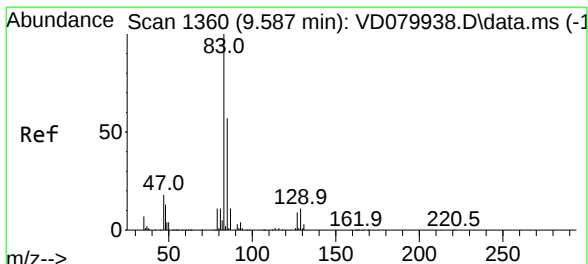
Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#46
 Dibromomethane
 Concen: 5.612 ug/l
 RT: 9.393 min Scan# 1327
 Delta R.T. 0.000 min
 Lab File: VD079942.D
 Acq: 30 Sep 2024 17:42

Tgt Ion:	93	Resp:	5049
Ion	Ratio	Lower	Upper
93	100		
95	79.5	65.0	97.4
174	91.1	78.9	118.3





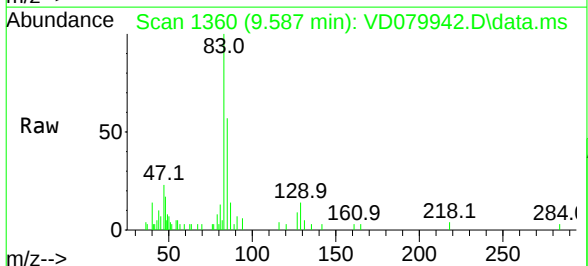
#47
 Bromodichloromethane
 Concen: 5.809 ug/l
 RT: 9.587 min Scan# 1360
 Delta R.T. 0.000 min
 Lab File: VD079942.D
 Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

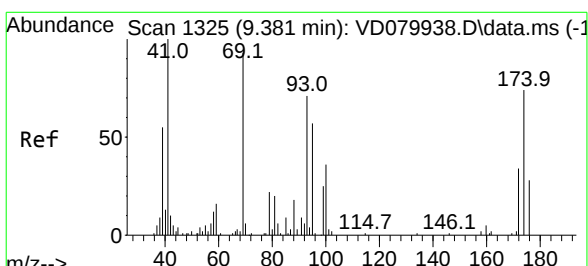
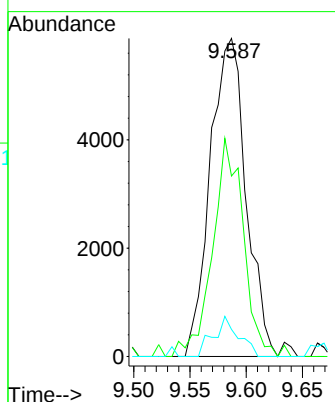
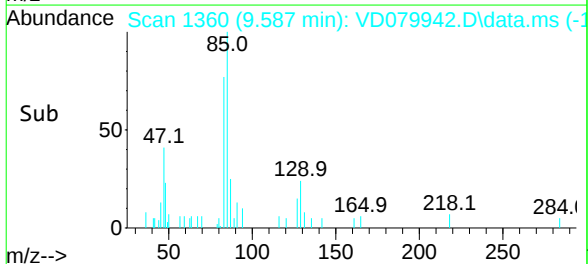
VSTDICC005



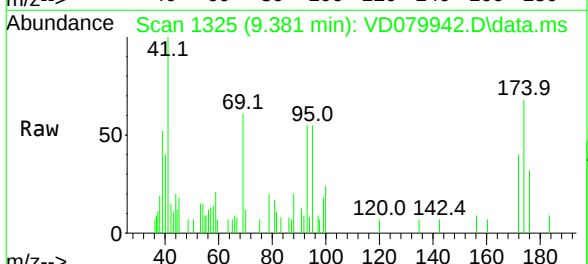
Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.7	45.8	68.6
127	8.5	6.8	10.2

Manual Integrations
 APPROVED

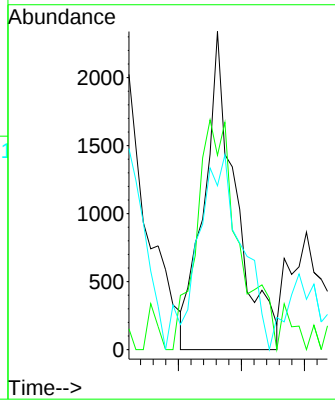
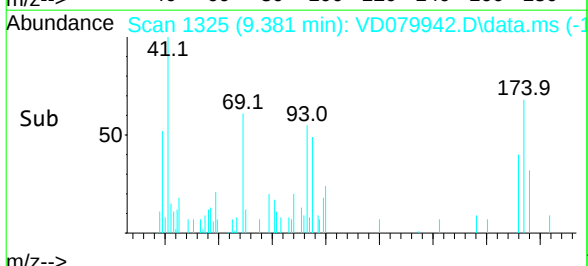
Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

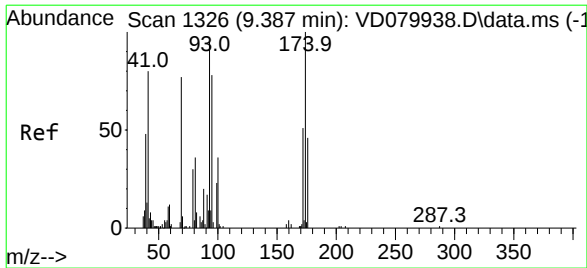


#48
 Methyl methacrylate
 Concen: 4.629 ug/l m
 RT: 9.381 min Scan# 1325
 Delta R.T. 0.000 min
 Lab File: VD079942.D
 Acq: 30 Sep 2024 17:42



Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.1	78.7	118.1
39	84.6	47.3	70.9





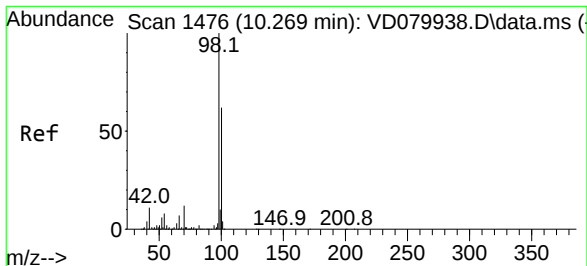
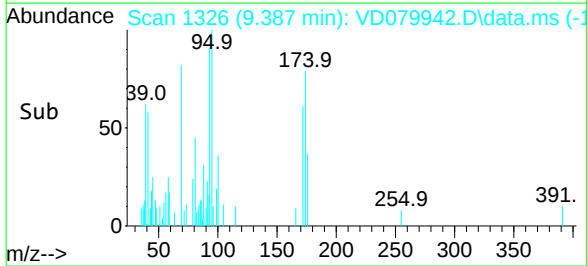
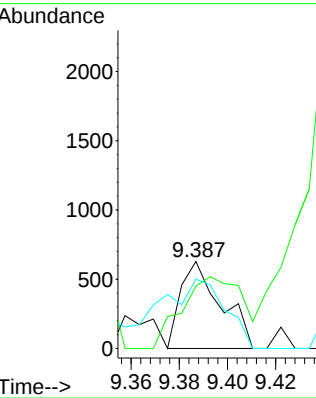
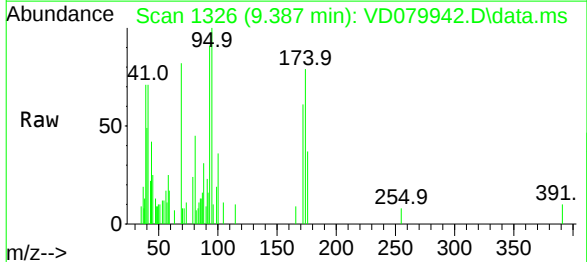
#49
1,4-Dioxane
Concen: 84.441 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument : MSVOA_D
ClientSampleId : VSTDIC005

Tgt Ion:	88	Resp:	729
Ion	Ratio	Lower	Upper
88	100		
43	124.6	23.1	34.7
58	146.1	60.7	91.1

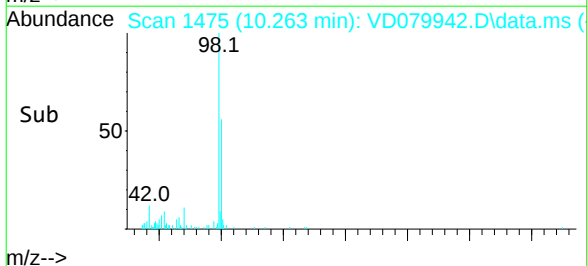
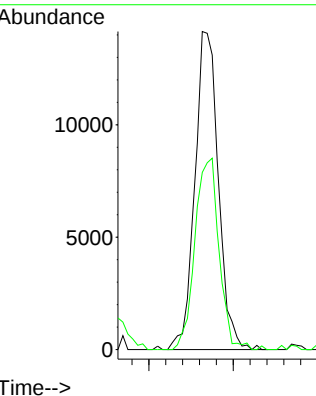
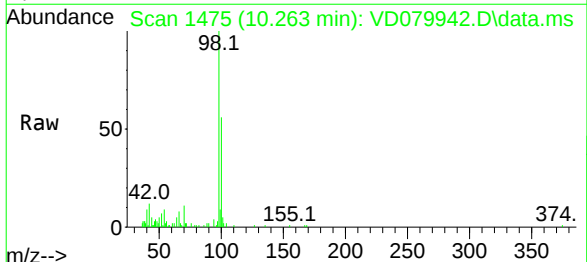
Manual Integrations
APPROVED

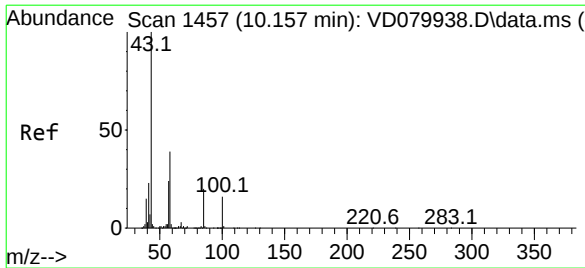
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 4.988 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	98	Resp:	27401
Ion	Ratio	Lower	Upper
98	100		
100	61.6	50.5	75.7





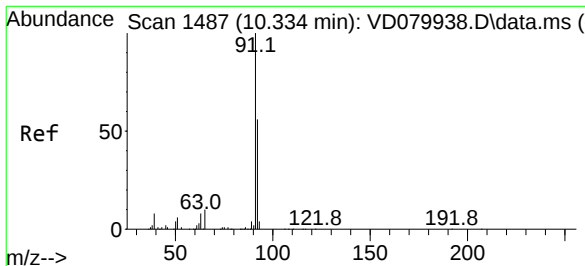
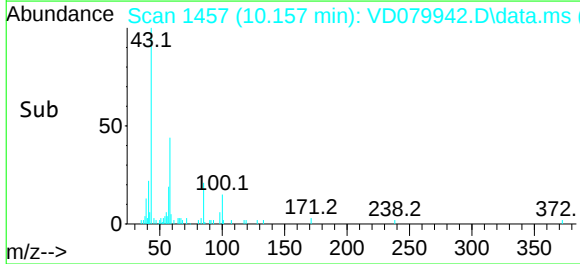
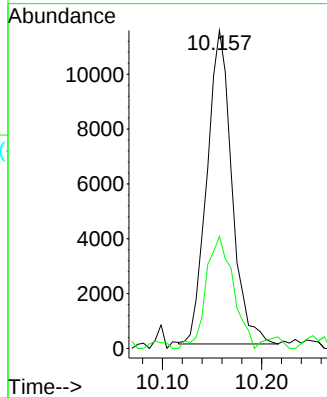
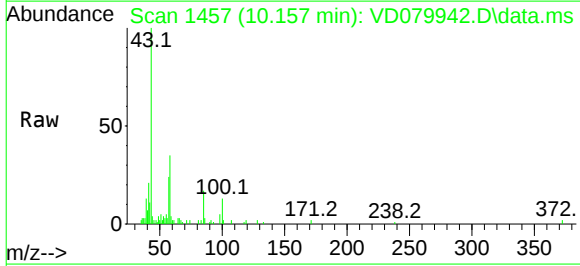
#51
4-Methyl-2-Pentanone
Concen: 24.152 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 19981
Ion Ratio Lower Upper
43 100
58 39.0 32.3 48.5

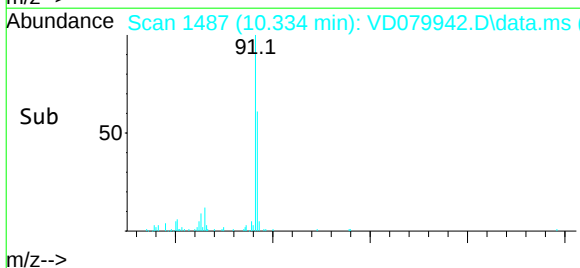
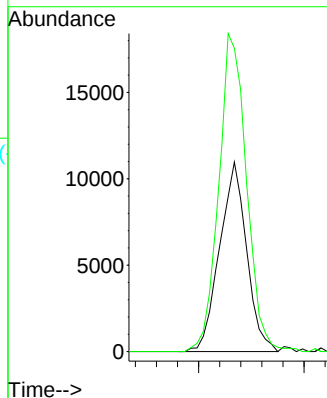
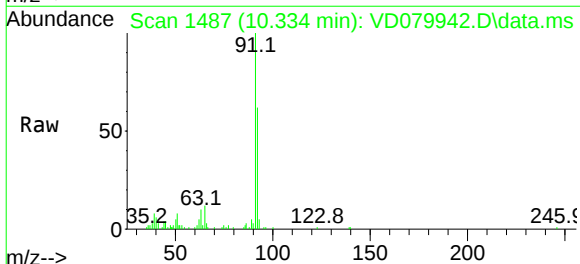
Manual Integrations
APPROVED

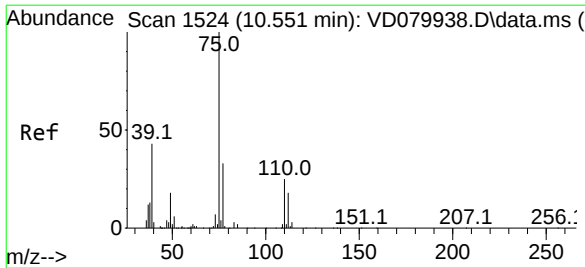
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 4.753 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 92 Resp: 19534
Ion Ratio Lower Upper
92 100
91 172.4 145.4 218.0





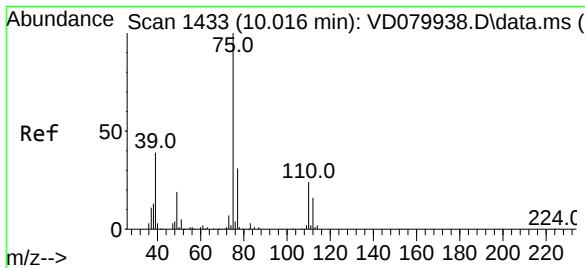
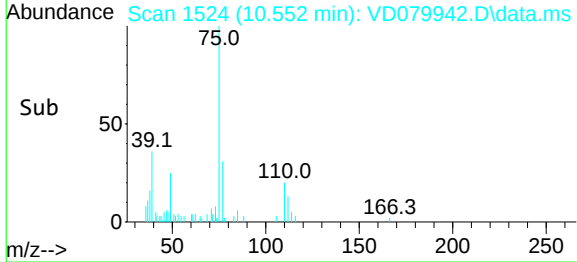
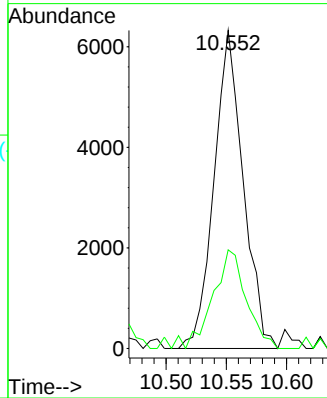
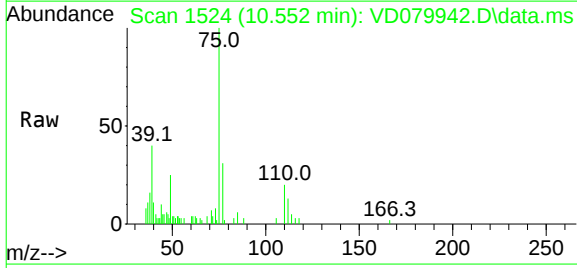
#53
t-1,3-Dichloropropene
Concen: 5.197 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 10664
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.2

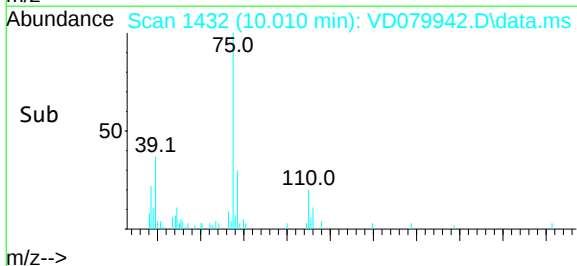
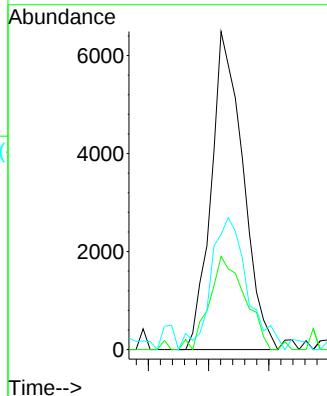
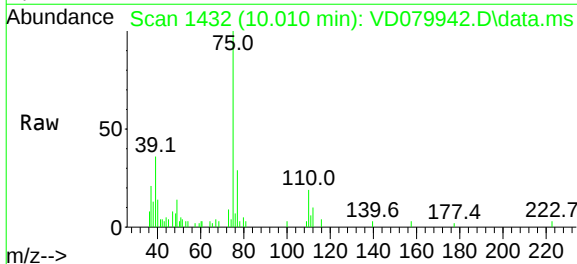
Manual Integrations
APPROVED

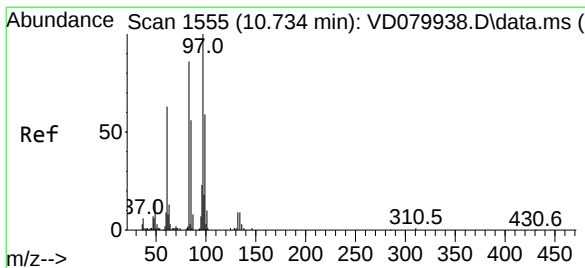
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 4.869 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

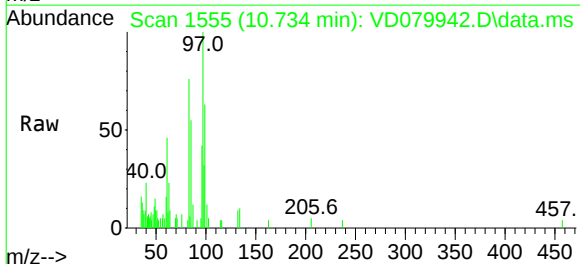
Tgt Ion: 75 Resp: 11885
Ion Ratio Lower Upper
75 100
77 29.3 24.7 37.1
39 36.2 31.3 46.9





#55
1,1,2-Trichloroethane
Concen: 5.402 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

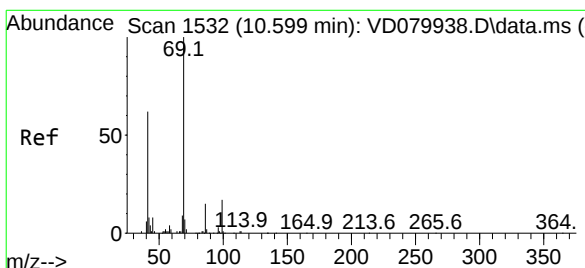
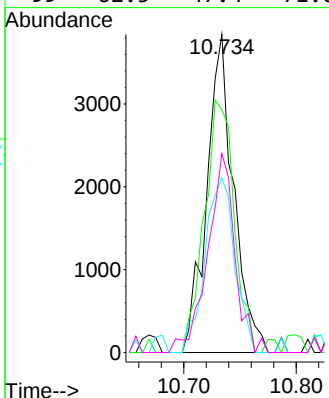
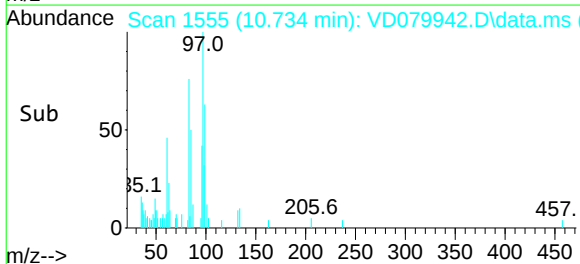
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.4	68.6	102.8
85	54.9	45.0	67.4
99	62.5	47.4	71.0

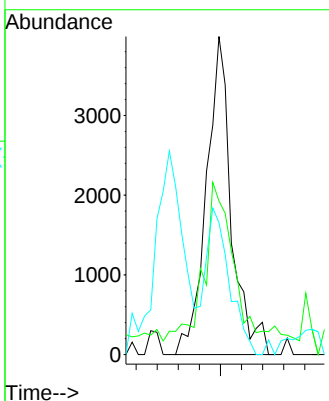
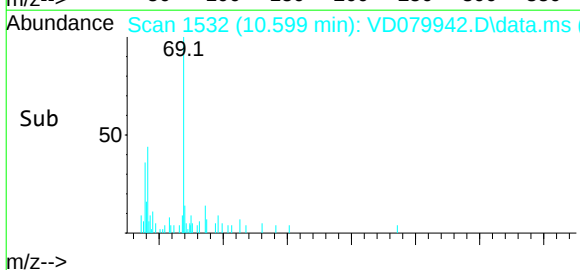
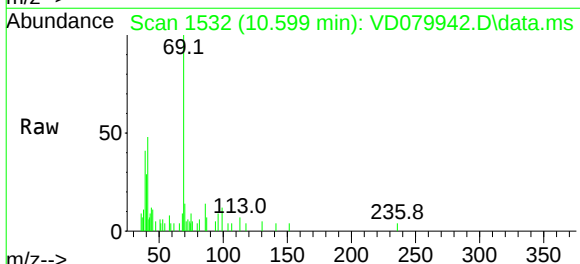
Manual Integrations
APPROVED

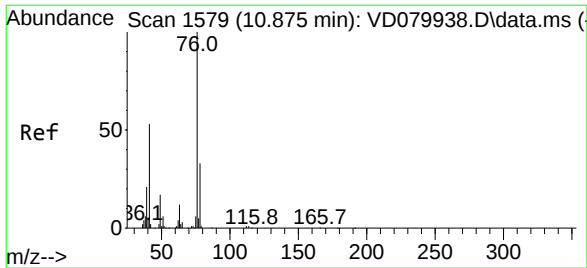
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#56
Ethyl methacrylate
Concen: 6.223 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.7	47.0	70.4
39	44.9	28.6	42.8





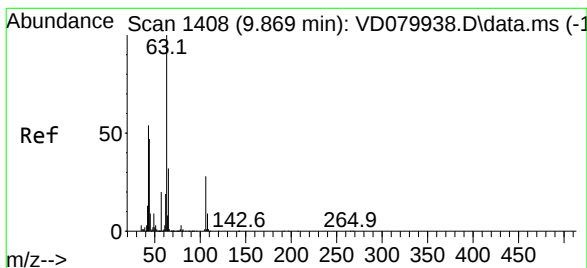
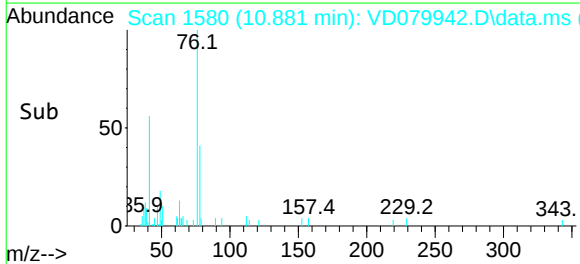
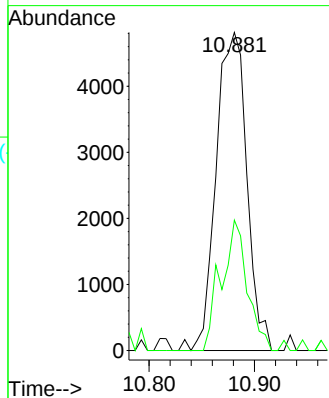
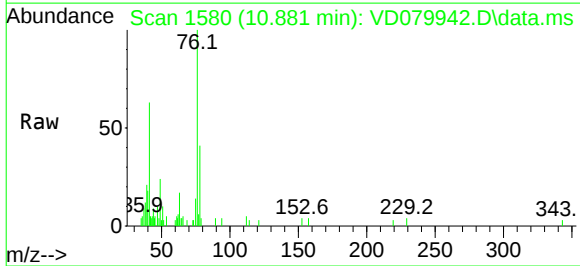
#57
1,3-Dichloropropane
Concen: 4.808 ug/l
RT: 10.881 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 9733
Ion Ratio Lower Upper
76 100
78 35.0 25.7 38.5

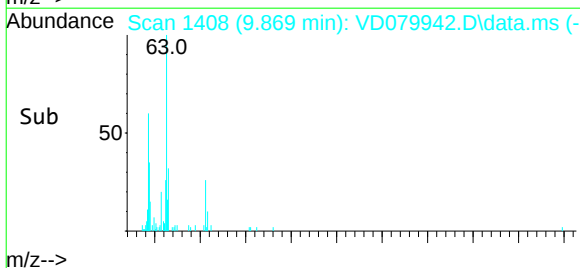
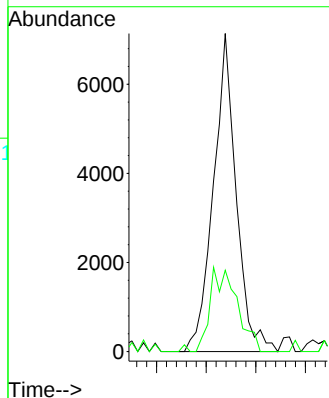
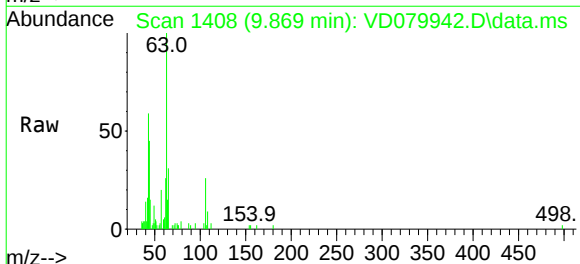
Manual Integrations
APPROVED

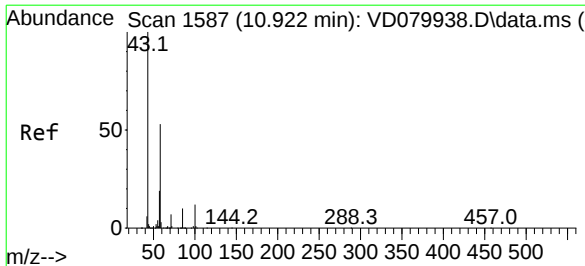
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 19.434 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 63 Resp: 11413
Ion Ratio Lower Upper
63 100
106 31.0 22.6 34.0





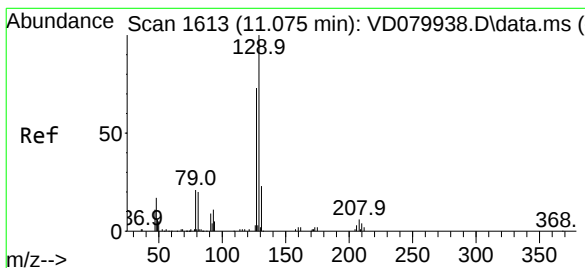
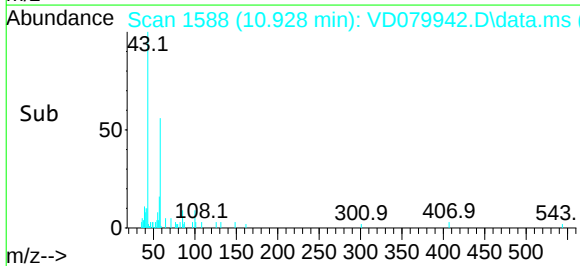
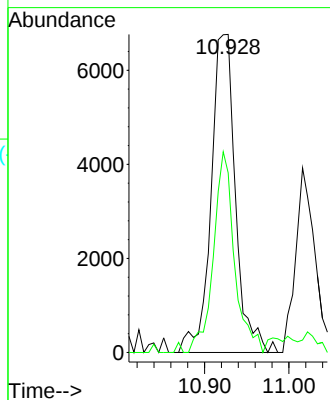
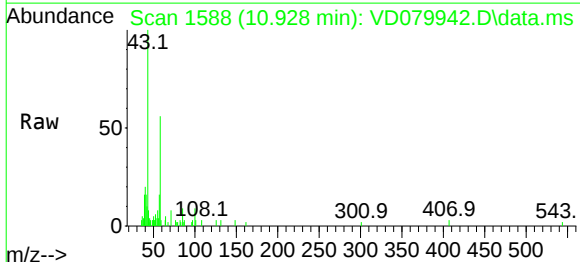
#59
2-Hexanone
Concen: 20.434 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13641
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1

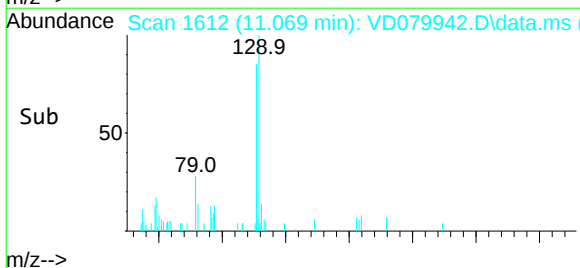
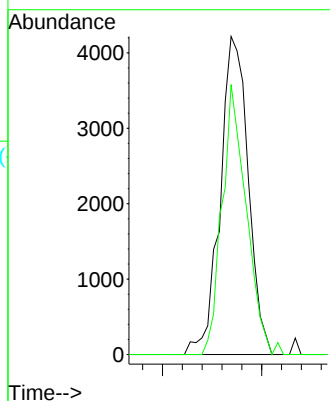
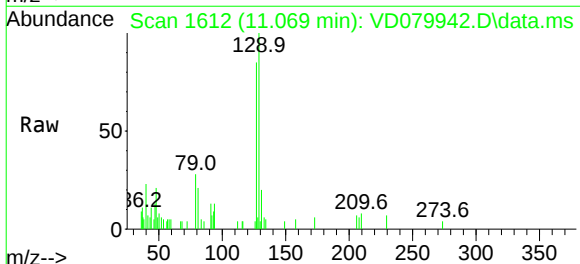
Manual Integrations
APPROVED

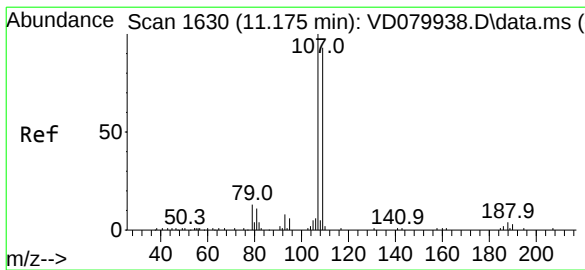
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 5.792 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:129 Resp: 8280
Ion Ratio Lower Upper
129 100
127 73.6 38.6 115.7





#61
1,2-Dibromoethane
Concen: 5.937 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

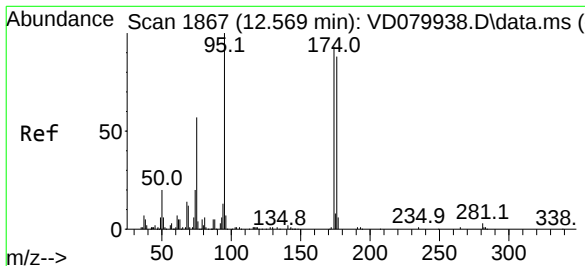
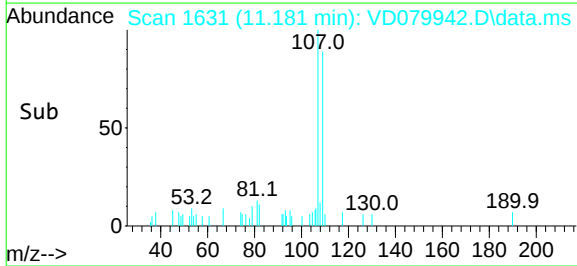
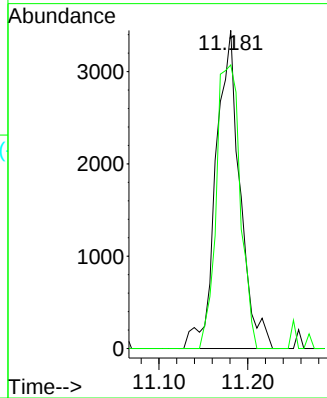
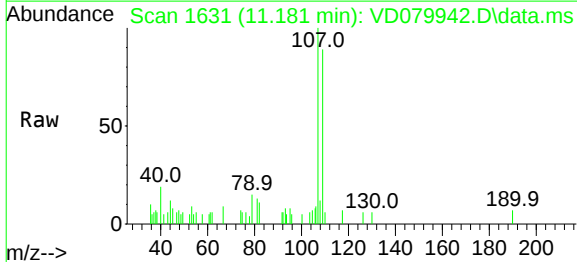
ClientSampleId :

VSTDIC005

Tgt Ion: 107 Resp: 6488
Ion Ratio Lower Upper
107 100
109 89.1 75.7 113.5

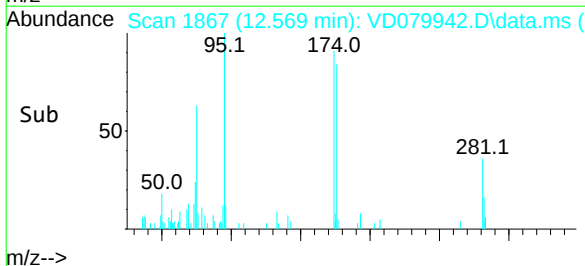
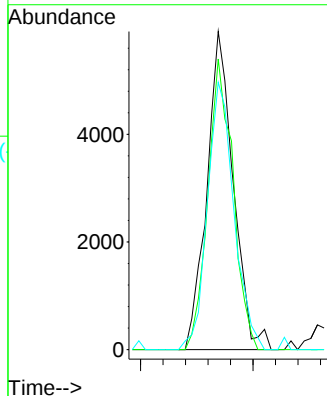
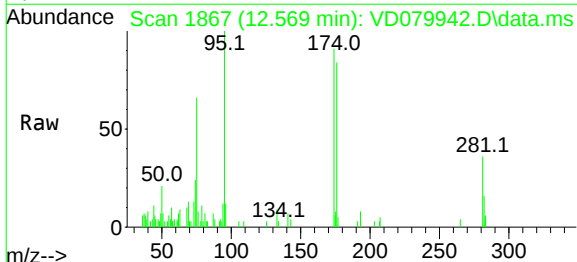
Manual Integrations
APPROVED

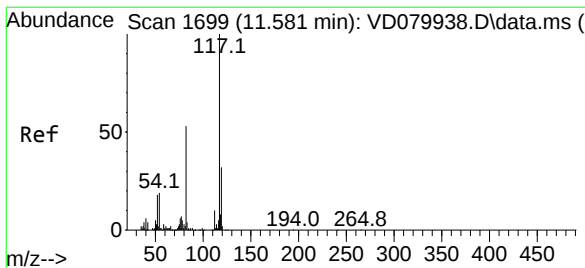
Reviewed By : Semsettin Yesilyurt 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 6.003 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion: 95 Resp: 9647
Ion Ratio Lower Upper
95 100
174 86.6 0.0 182.0
176 84.5 0.0 174.0





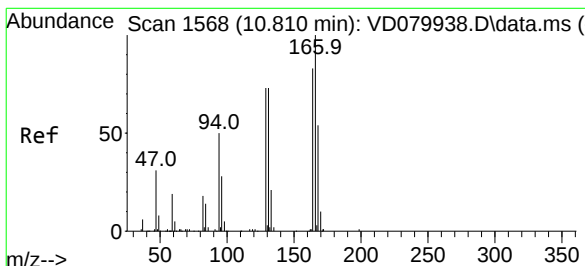
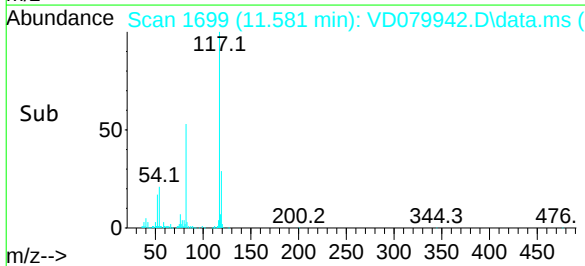
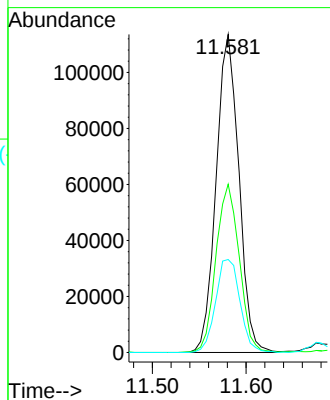
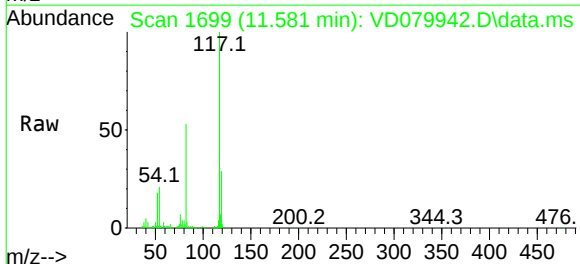
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	117	Resp:	191203
Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.1	63.1
119	29.2	25.8	38.6

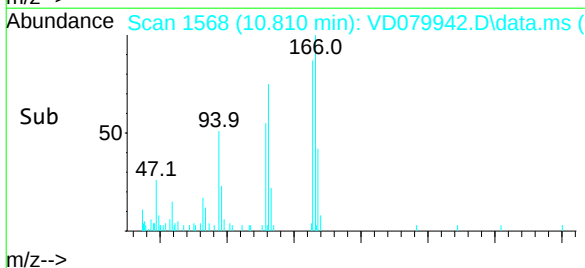
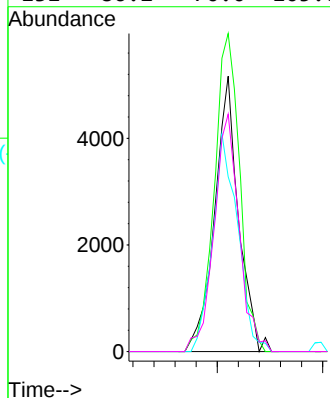
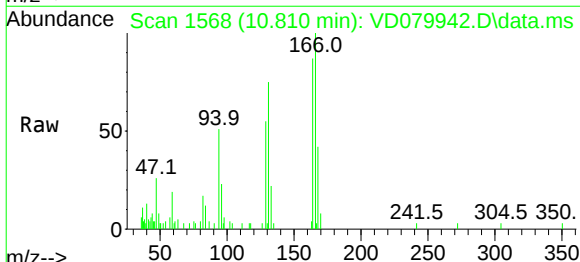
Manual Integrations
APPROVED

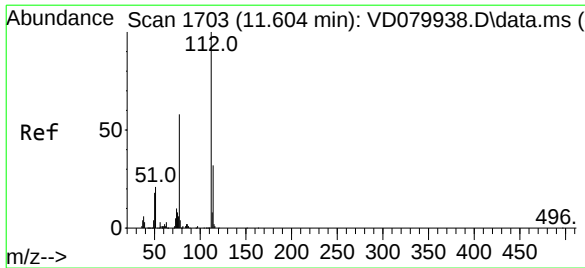
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 6.396 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	164	Resp:	8132
Ion	Ratio	Lower	Upper
164	100		
166	115.5	96.5	144.7
129	63.5	70.9	106.3
131	86.2	70.0	105.0





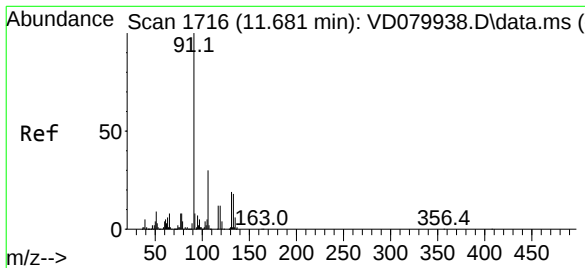
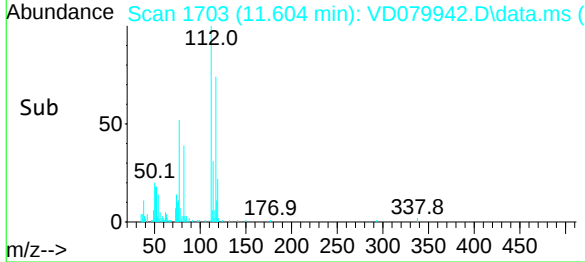
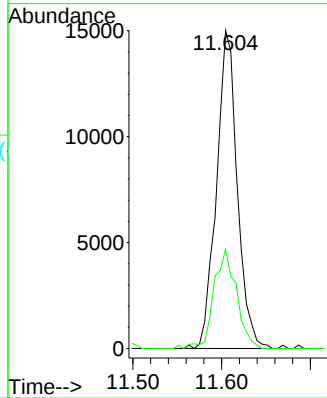
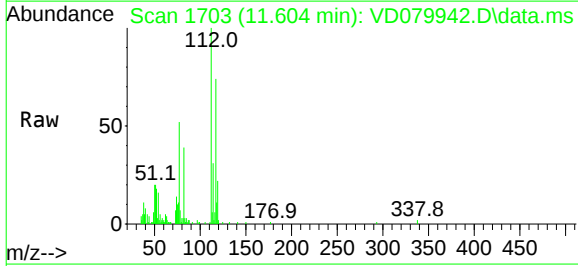
#65
Chlorobenzene
Concen: 5.763 ug/l
RT: 11.604 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 24426
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0

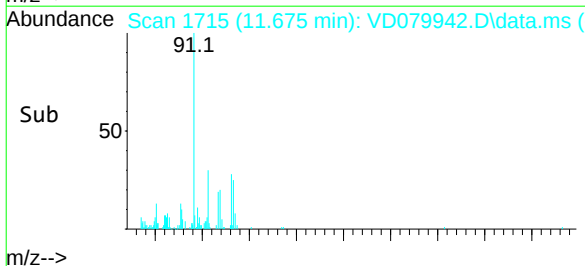
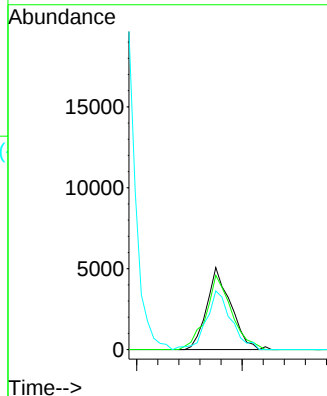
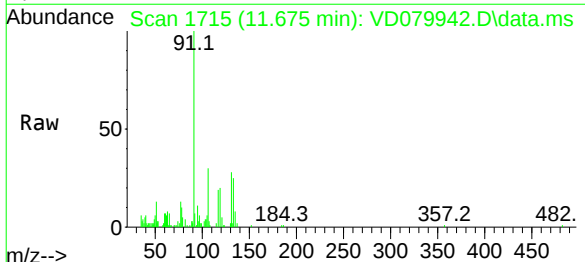
Manual Integrations
APPROVED

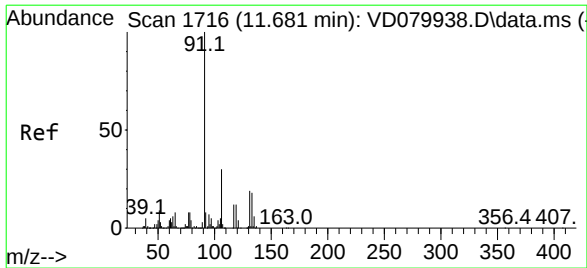
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.353 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:131 Resp: 8050
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 73.9 33.7 101.0





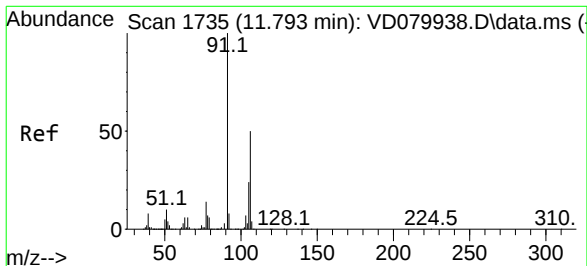
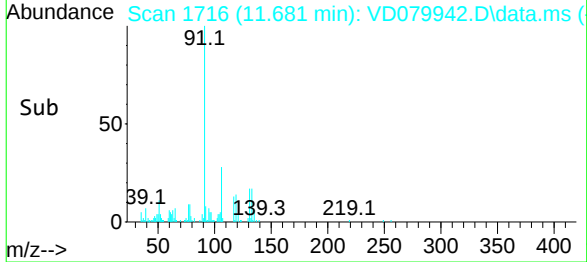
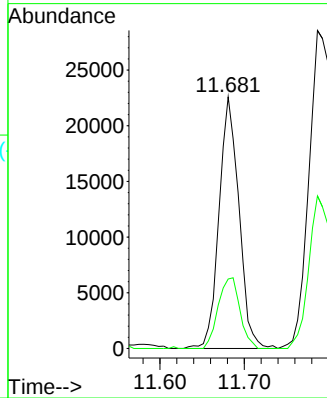
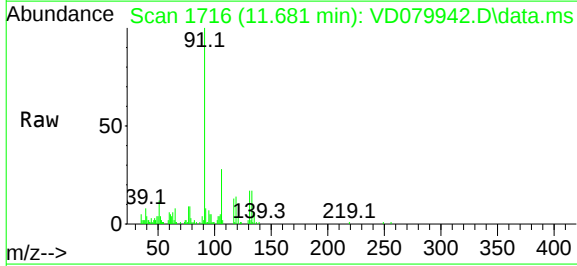
#67
Ethyl Benzene
Concen: 4.835 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 37044
Ion Ratio Lower Upper
91 100
106 27.6 24.0 36.0

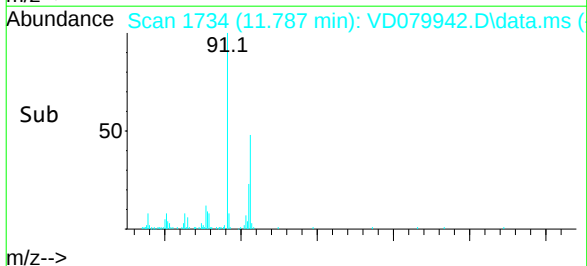
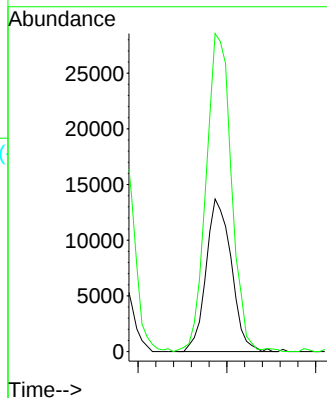
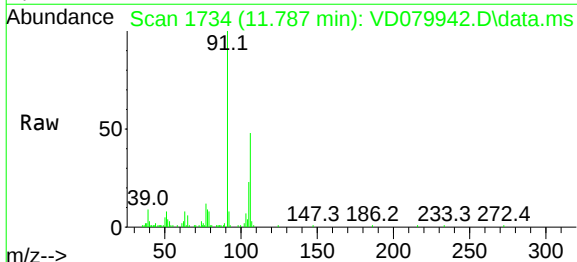
Manual Integrations
APPROVED

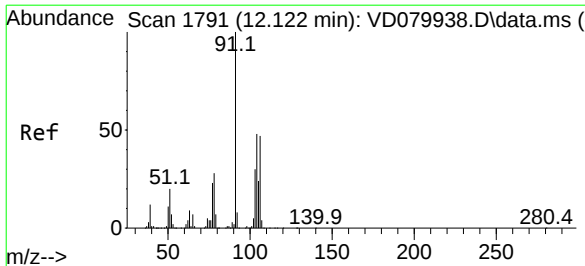
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 9.214 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:106 Resp: 27037
Ion Ratio Lower Upper
106 100
91 208.7 163.4 245.2





#69

o-Xylene

Concen: 4.665 ug/l

RT: 12.116 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 12395

Ion Ratio Lower Upper

106 100

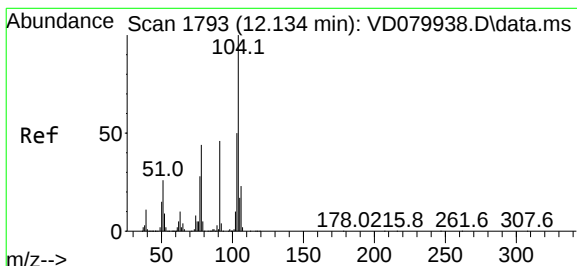
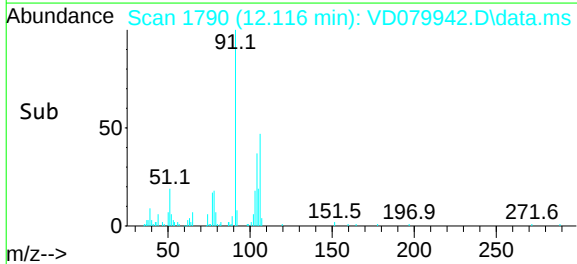
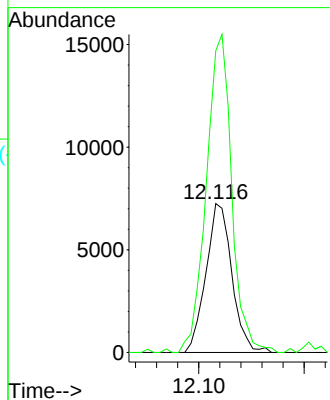
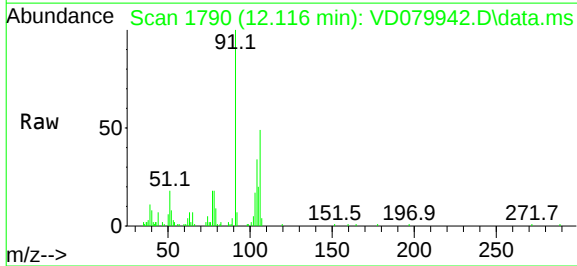
91 209.6 107.8 323.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#70

Styrene

Concen: 5.430 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

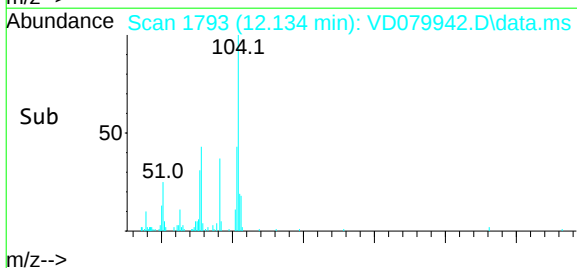
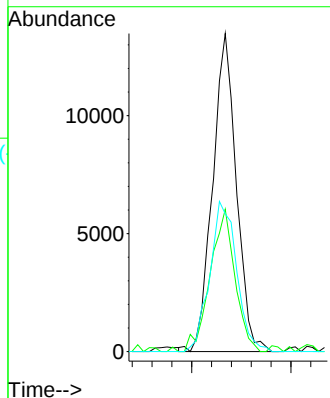
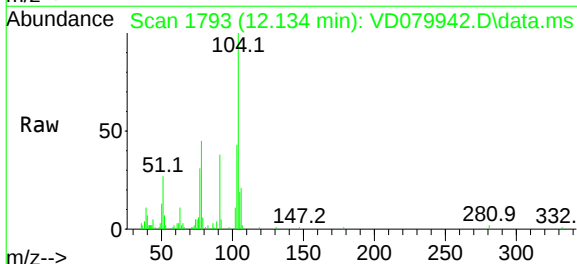
Tgt Ion:104 Resp: 22371

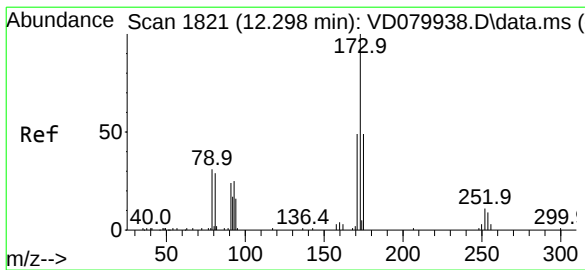
Ion Ratio Lower Upper

104 100

78 47.1 39.9 59.9

103 53.4 45.5 68.3





#71

Bromoform

Concen: 5.675 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

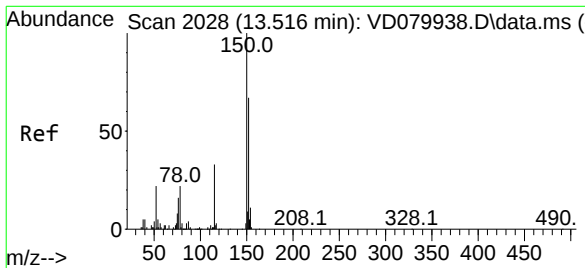
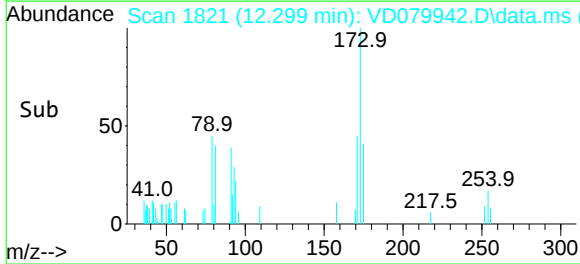
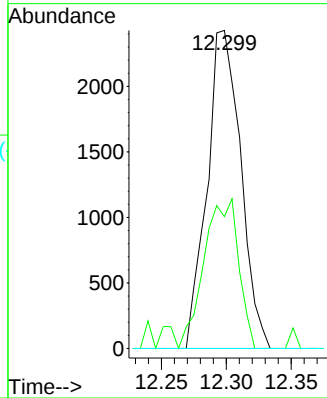
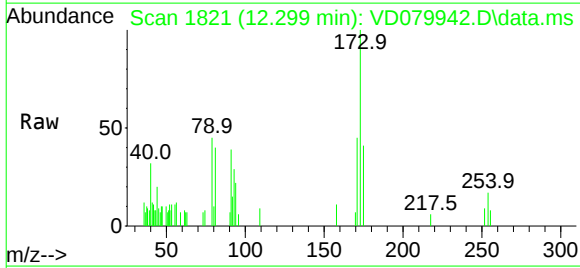
VSTDICC005

Tgt Ion:	173	Resp:	4386
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

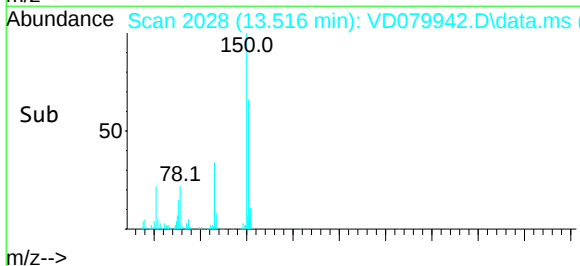
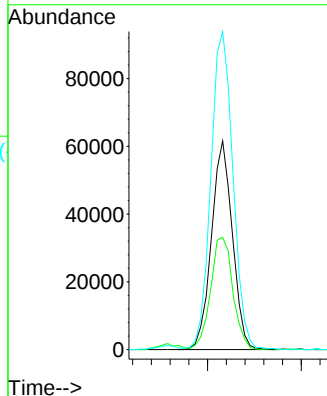
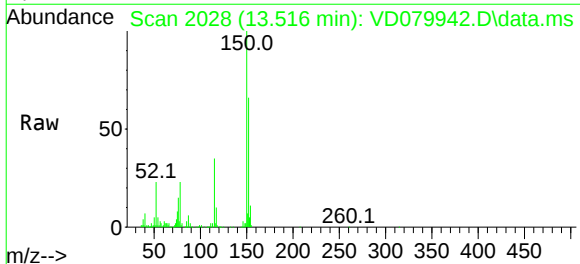
RT: 13.516 min Scan# 2028

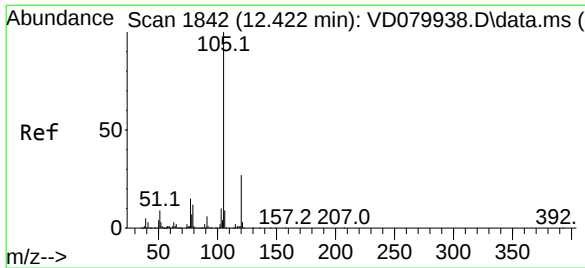
Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Tgt Ion:	152	Resp:	95730
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.0	87.1
150	160.9	0.0	347.6





#73

Isopropylbenzene

Concen: 4.458 ug/l

RT: 12.416 min Scan# 18

Delta R.T. -0.006 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

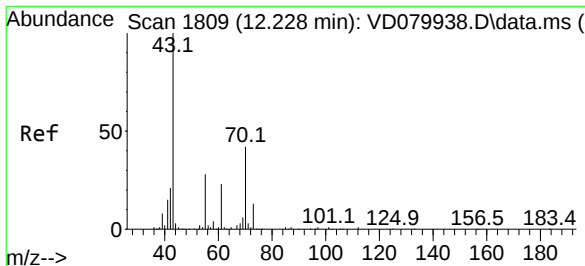
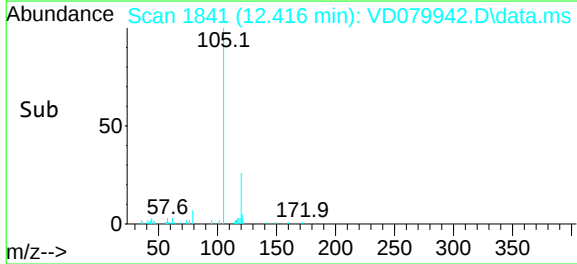
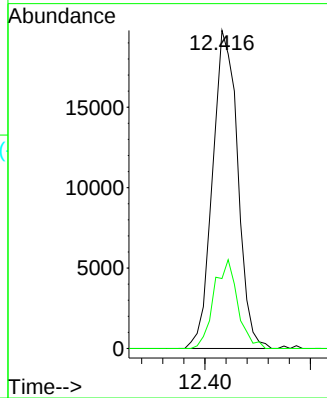
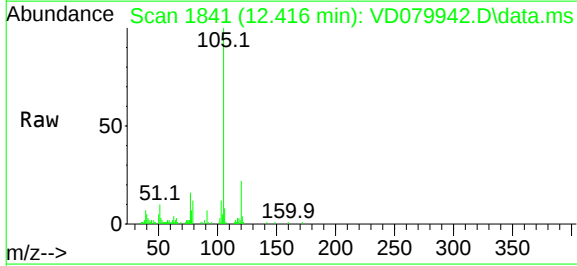
VSTDICC005

Tgt	Ion:	105	Resp:	32713
Ion	Ratio	Lower	Upper	
105	100			
120	26.4	13.1	39.3	

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 5.417 ug/l

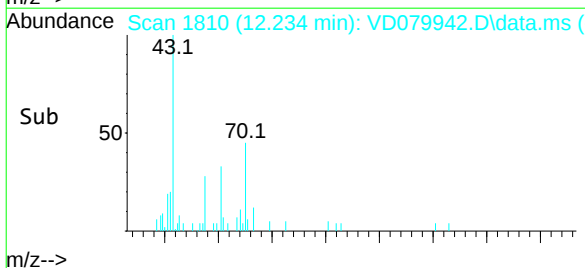
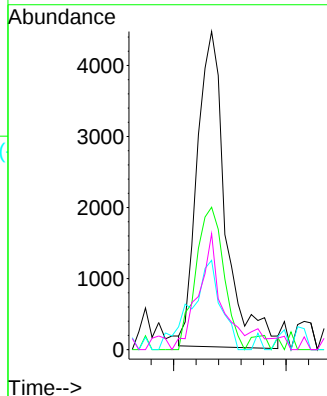
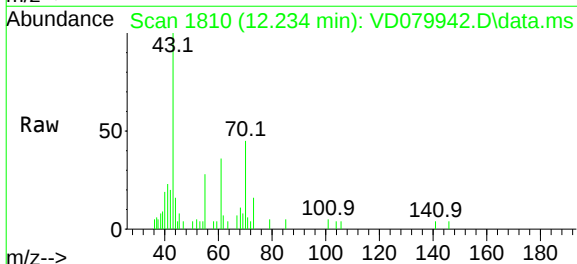
RT: 12.234 min Scan# 1810

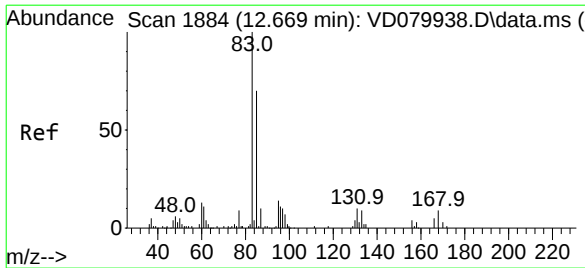
Delta R.T. 0.006 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Tgt	Ion:	43	Resp:	7824
Ion	Ratio	Lower	Upper	
43	100			
70	44.3	36.4	54.6	
55	29.6	20.8	31.2	
61	34.9	19.2	28.8	





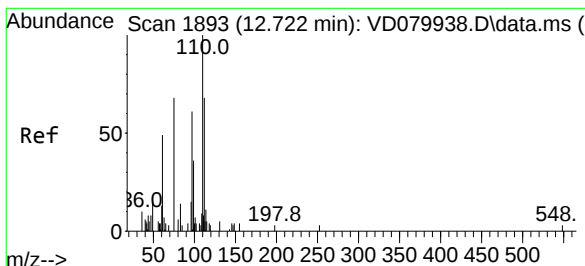
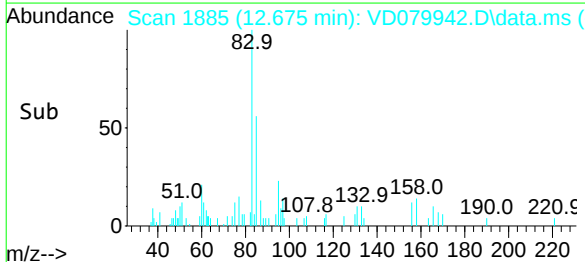
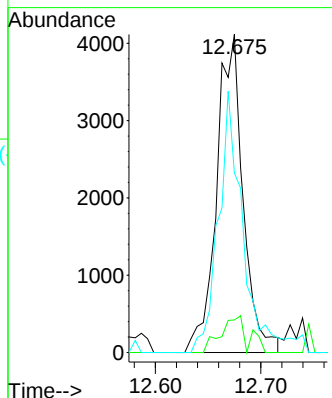
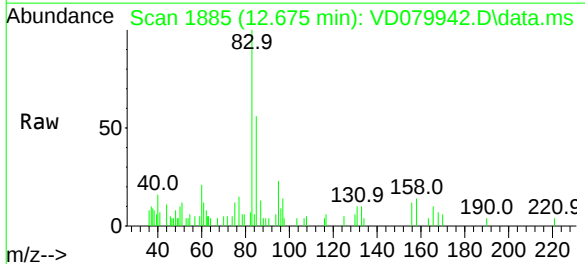
#75
1,1,2,2-Tetrachloroethane
Concen: 5.247 ug/l
RT: 12.675 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt	Ion	83	Resp:	7187
Ion	Ratio	Lower	Upper	
83	100			
131	11.8	5.1	15.4	
85	74.2	32.3	96.8	

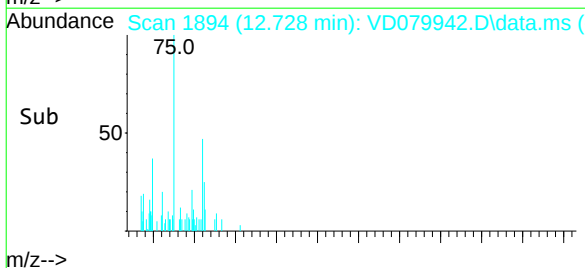
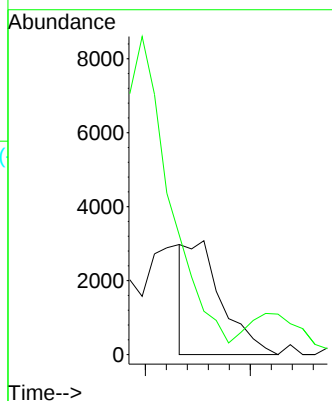
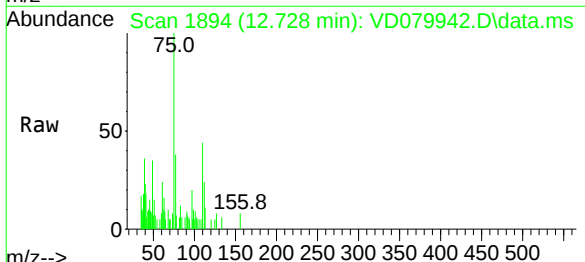
Manual Integrations
APPROVED

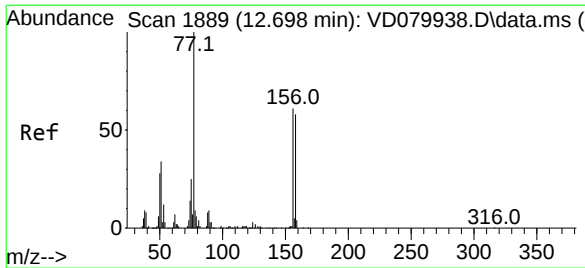
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#76
1,2,3-Trichloropropane
Concen: 3.963 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt	Ion	75	Resp:	3548
Ion	Ratio	Lower	Upper	
75	100			
77	0.0	0.0	0.0	





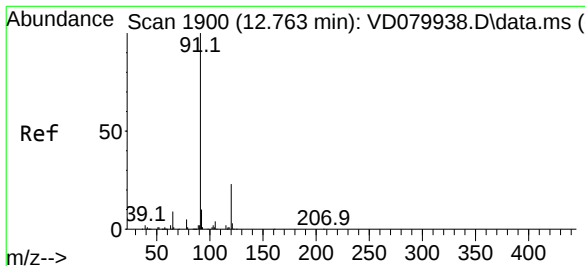
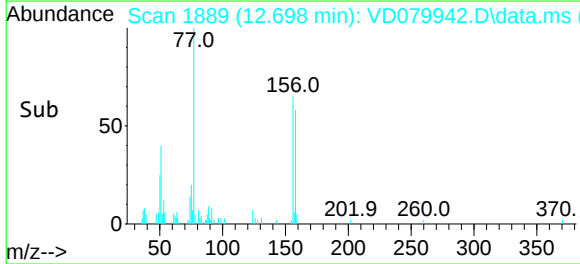
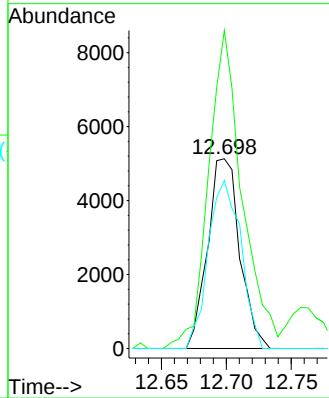
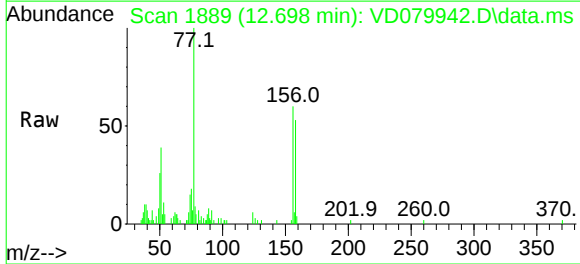
#77
Bromobenzene
Concen: 5.358 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	156	Resp:	8809
Ion Ratio	Lower	Upper	
156	100		
77	175.6	88.4	265.2
158	90.3	48.3	144.8

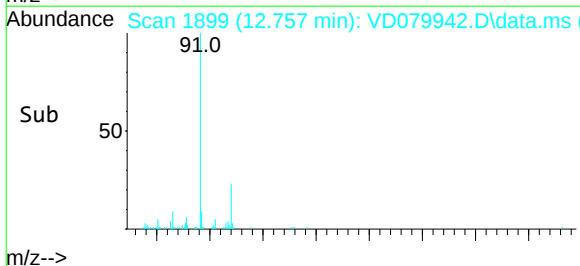
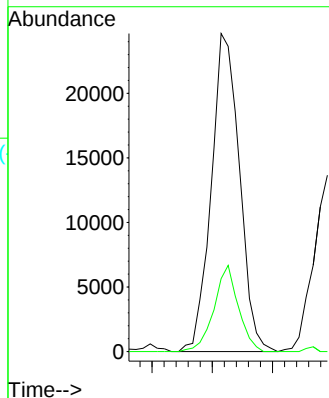
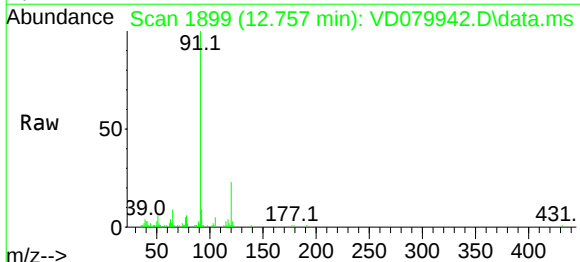
Manual Integrations
APPROVED

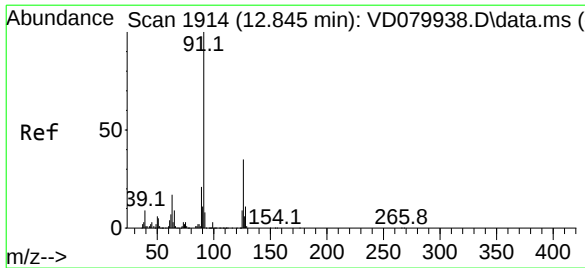
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 4.389 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	91	Resp:	40114
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 4.854 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

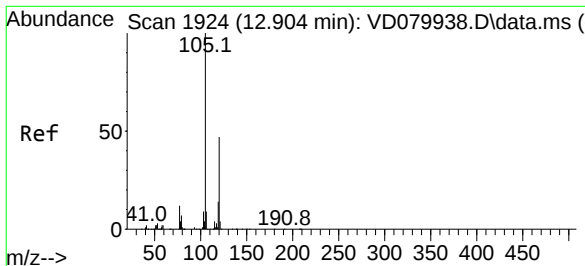
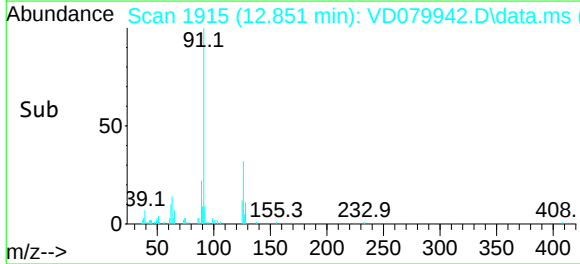
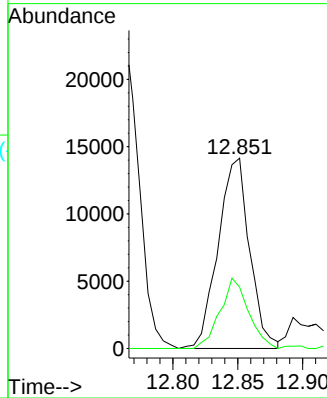
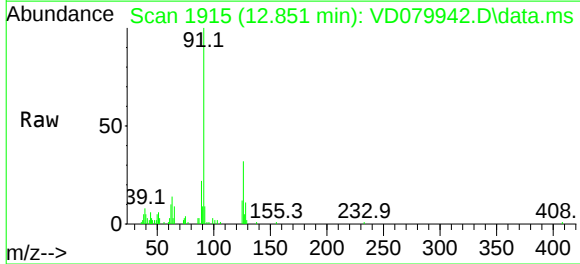
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	17.3	52.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.382 ug/l

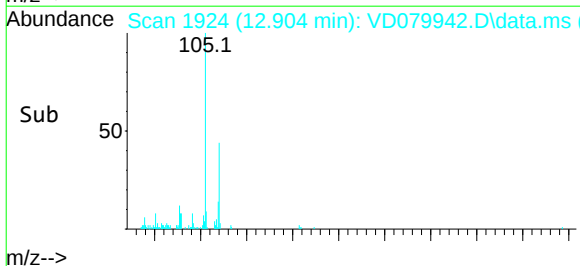
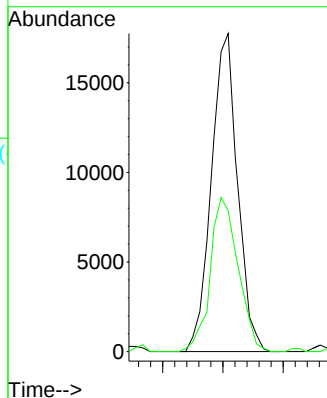
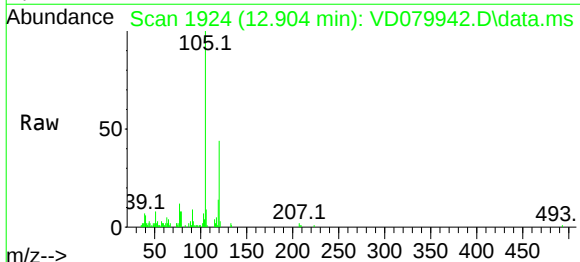
RT: 12.904 min Scan# 1924

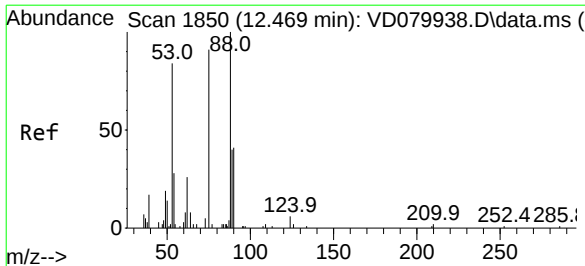
Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.7	24.4	73.4





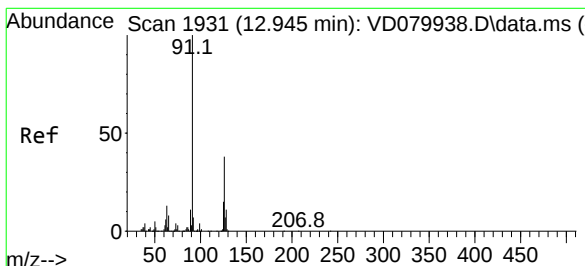
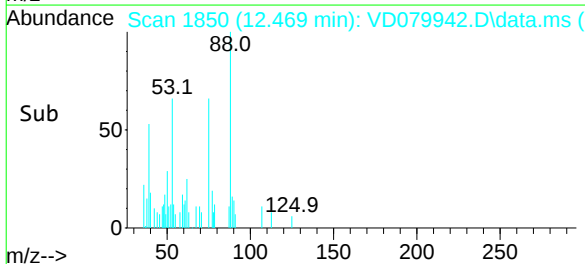
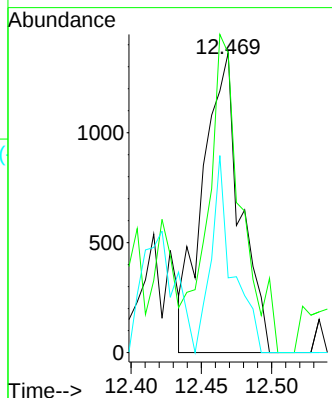
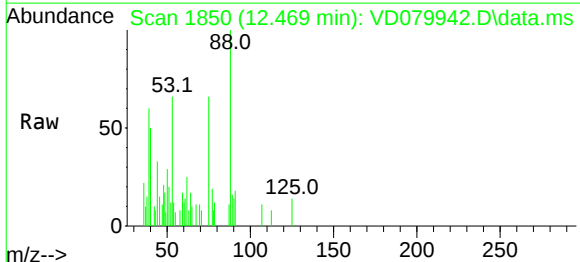
#81
trans-1,4-Dichloro-2-butene
Concen: 5.940 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.7	73.7	110.5
89	37.4	37.4	56.0

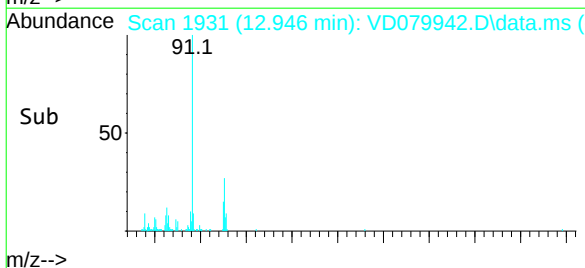
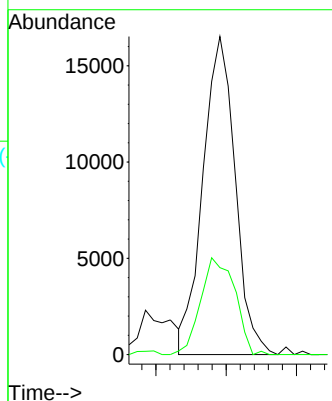
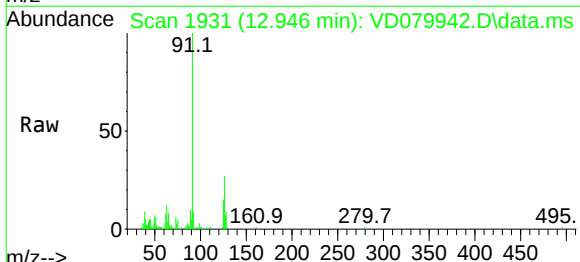
Manual Integrations
APPROVED

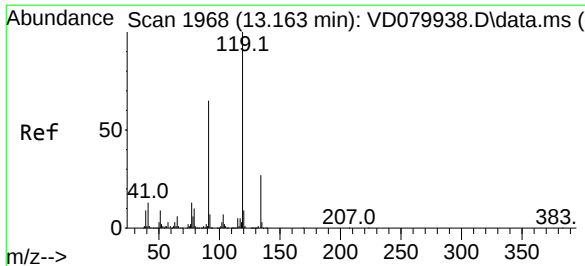
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 5.063 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	17.6	52.9





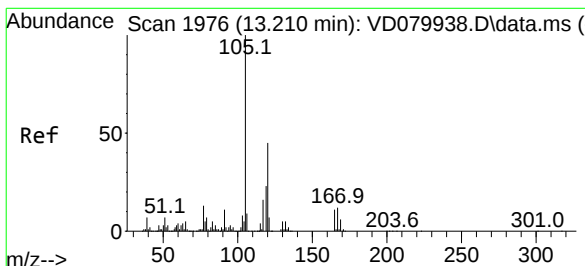
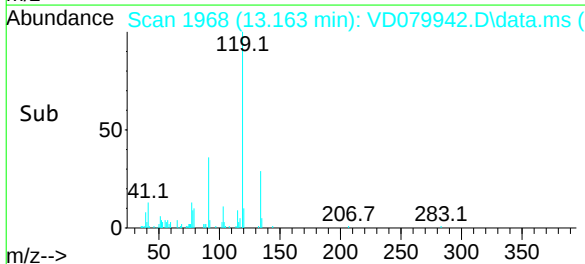
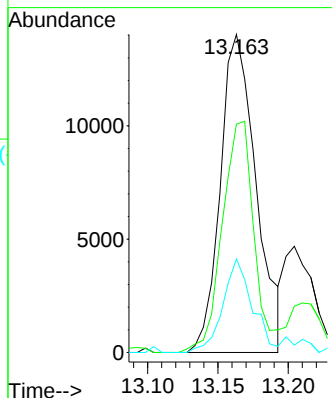
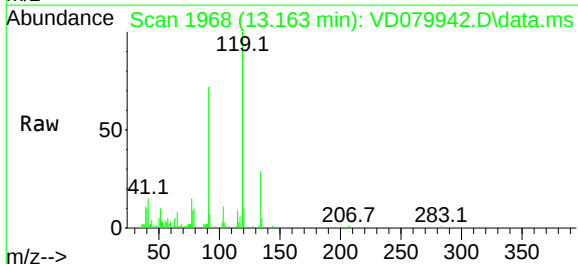
#83
tert-Butylbenzene
Concen: 4.890 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	119	Resp:	24899
Ion	Ratio	Lower	Upper
119	100		
91	64.4	33.5	100.5
134	24.3	13.8	41.4

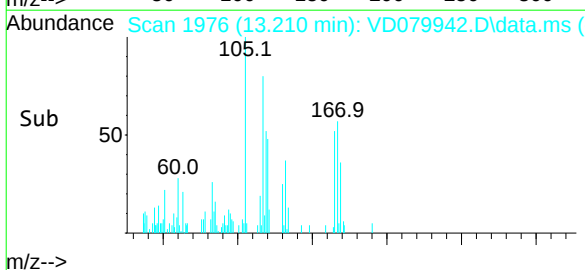
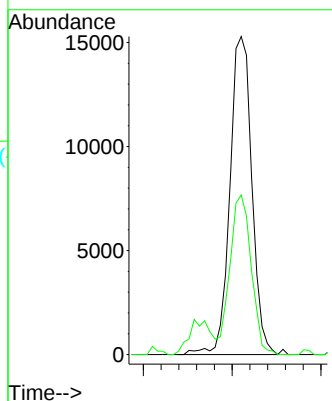
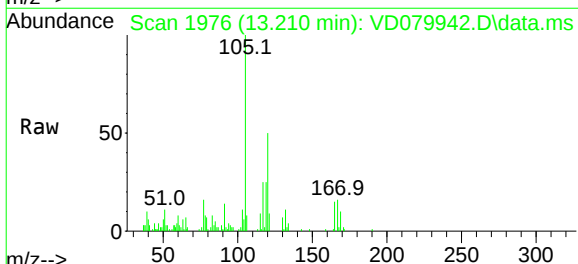
Manual Integrations
APPROVED

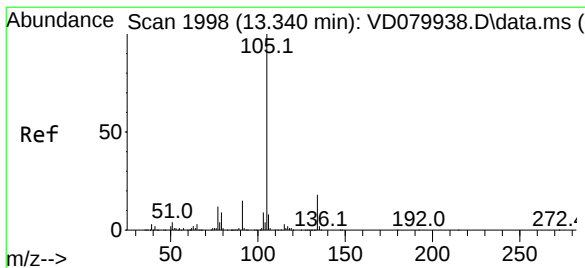
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.218 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	105	Resp:	26208
Ion	Ratio	Lower	Upper
105	100		
120	49.1	22.7	68.0





#85

sec-Butylbenzene

Concen: 4.775 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 37148

Ion Ratio Lower Upper

105 100

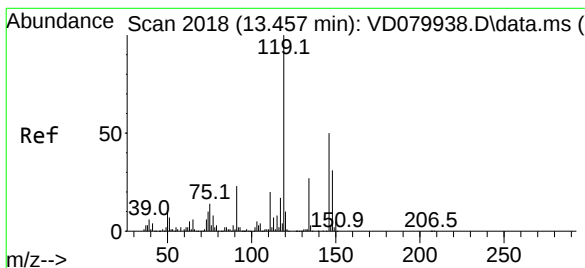
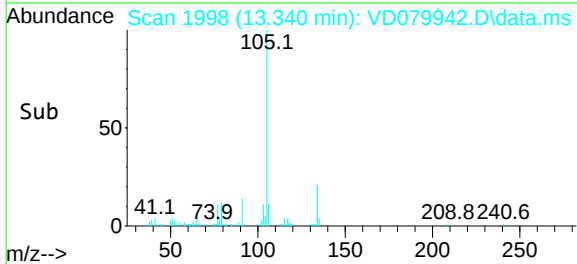
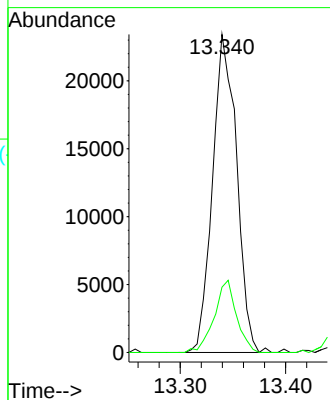
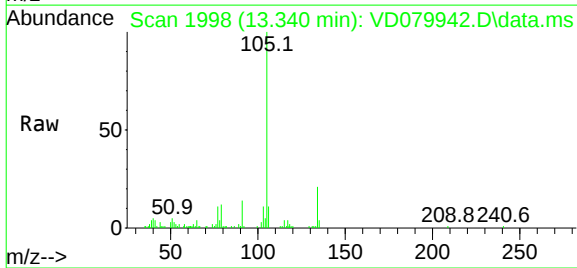
134 21.0 10.0 29.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#86

p-Isopropyltoluene

Concen: 4.395 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

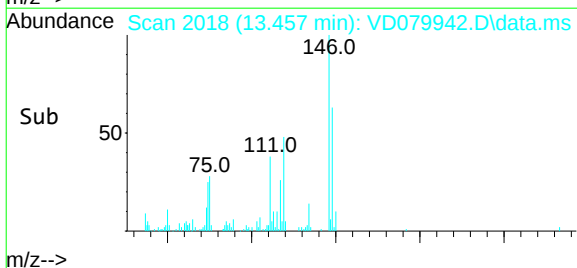
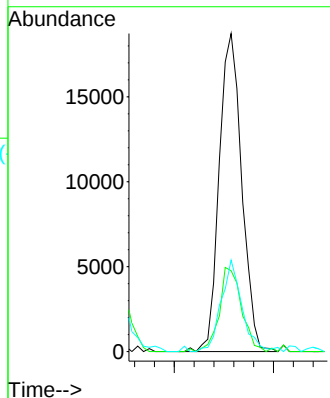
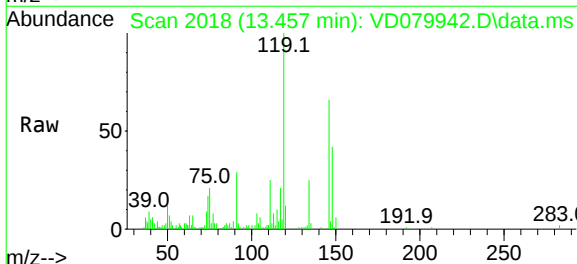
Tgt Ion:119 Resp: 29582

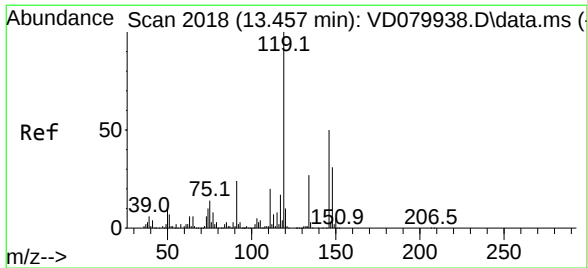
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 26.5 11.8 35.4





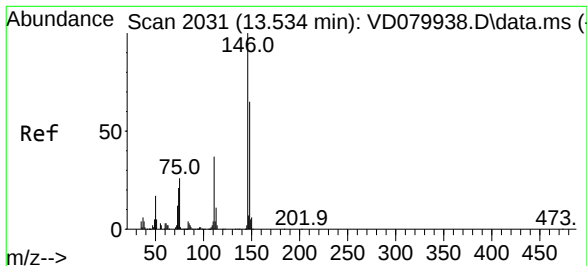
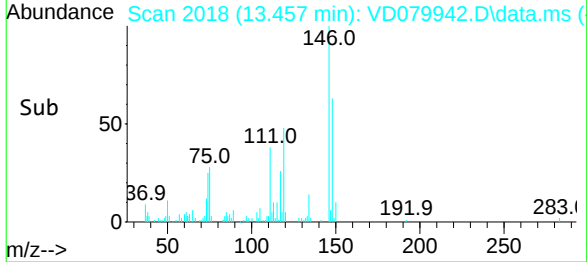
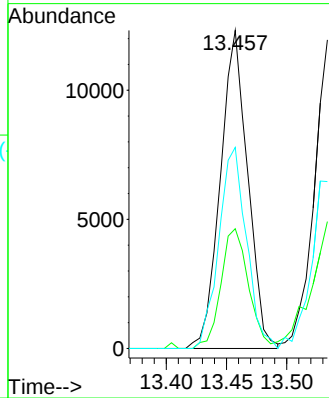
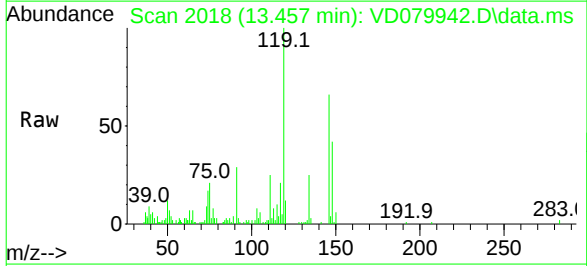
#87
1,3-Dichlorobenzene
Concen: 5.707 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:	146	Resp:	19434
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.8	59.3
148	63.9	32.4	97.0

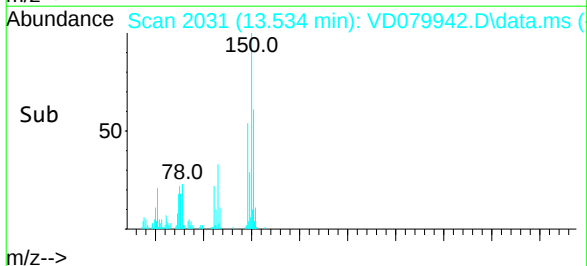
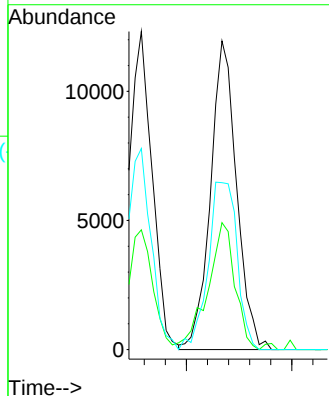
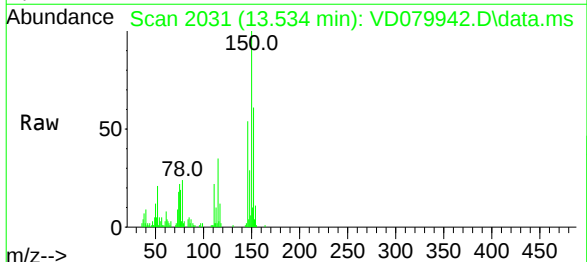
Manual Integrations
APPROVED

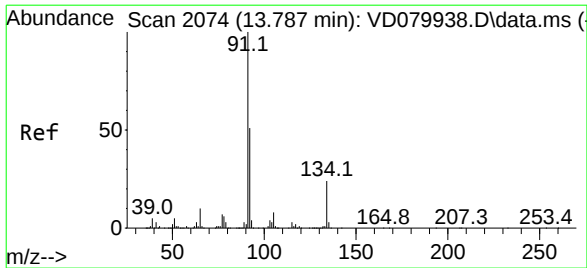
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#88
1,4-Dichlorobenzene
Concen: 6.111 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion:	146	Resp:	20585
Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.4	58.4
148	60.4	32.3	96.9





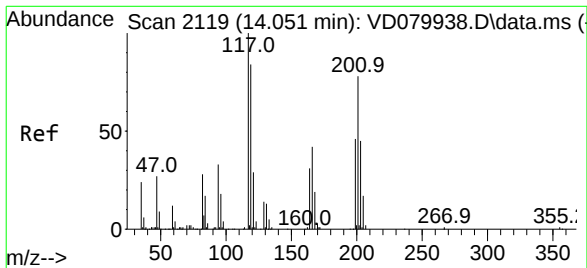
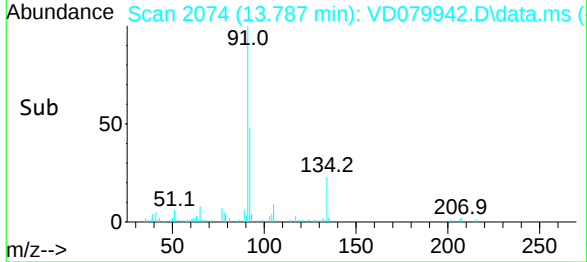
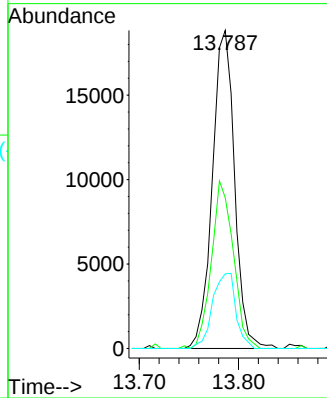
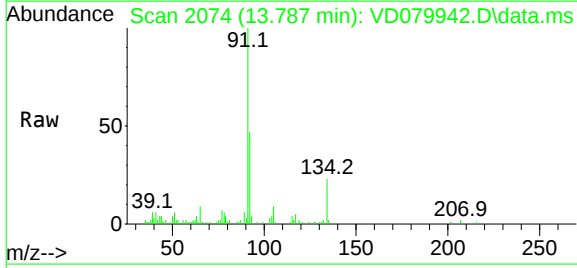
#89
n-Butylbenzene
Concen: 4.492 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.6	76.8
134	24.8	12.4	37.2

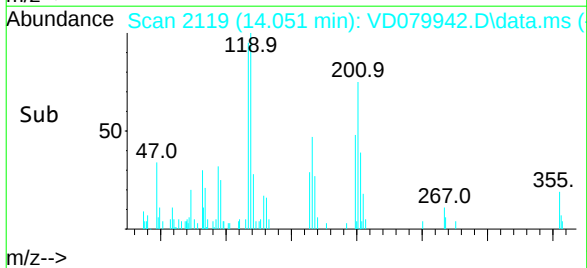
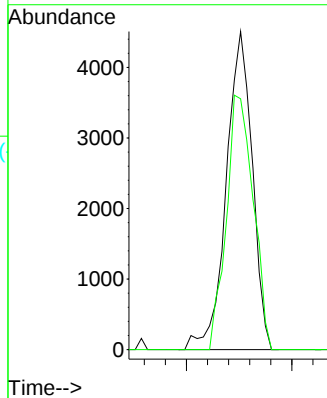
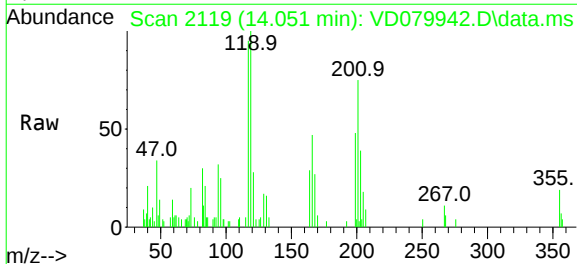
Manual Integrations
APPROVED

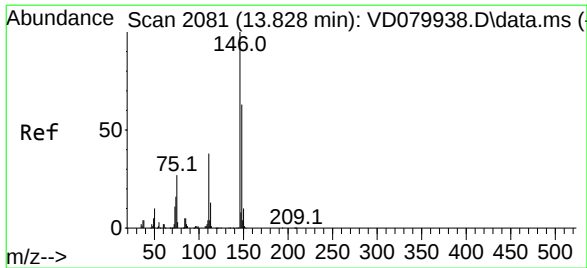
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 5.774 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	37.0	110.9





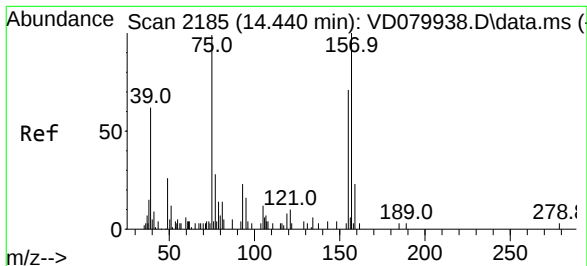
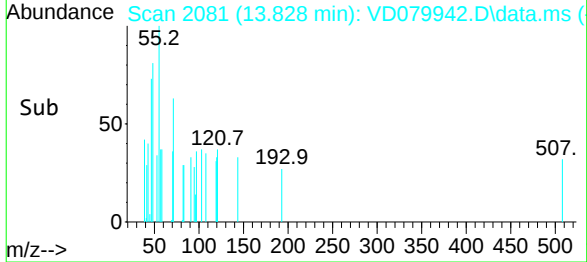
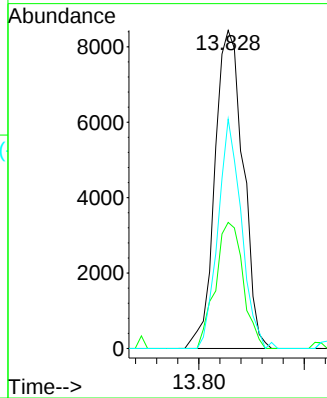
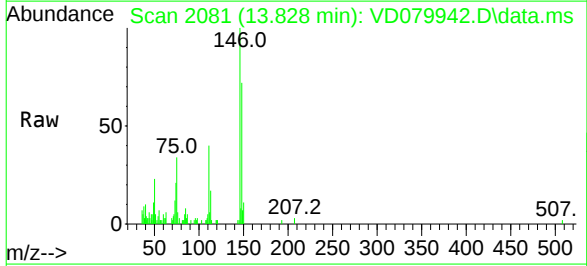
#91
1,2-Dichlorobenzene
Concen: 5.466 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	146	Resp:	15720
Ion Ratio	Lower	Upper	
146	100		
111	38.7	20.1	60.2
148	59.9	31.4	94.3

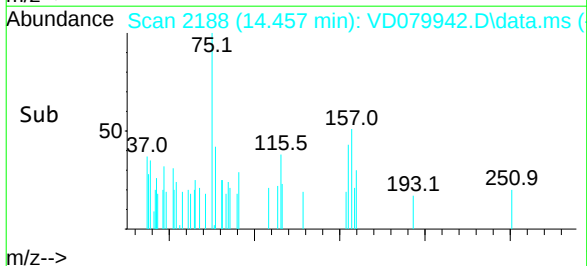
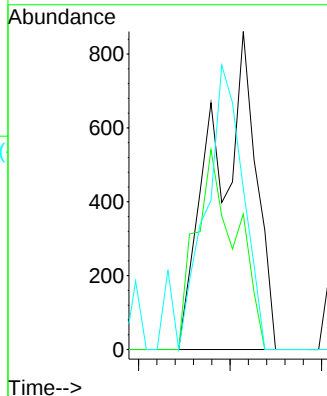
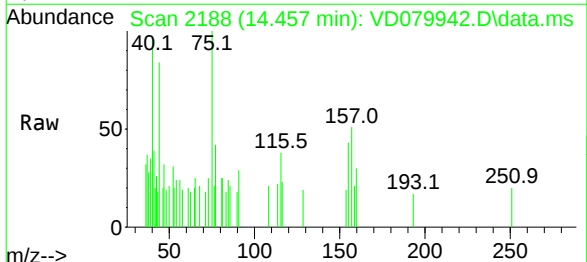
Manual Integrations
APPROVED

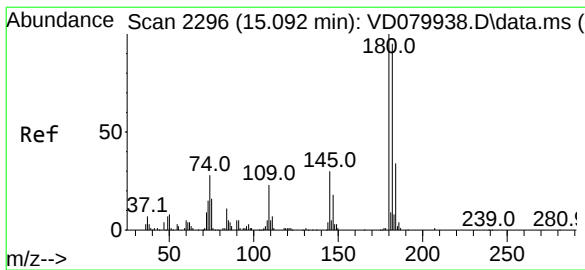
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.813 ug/l m
RT: 14.457 min Scan# 2188
Delta R.T. 0.018 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

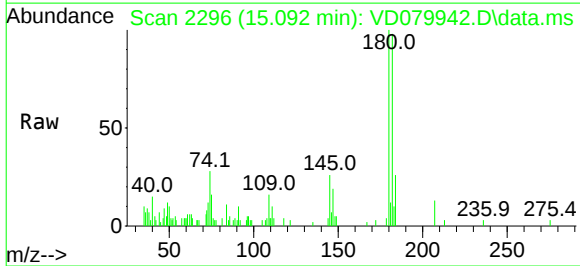
Tgt Ion:	75	Resp:	1361
Ion Ratio	Lower	Upper	
75	100		
155	60.4	44.4	133.1
157	84.3	56.0	168.2





#93
1,2,4-Trichlorobenzene
Concen: 6.012 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42

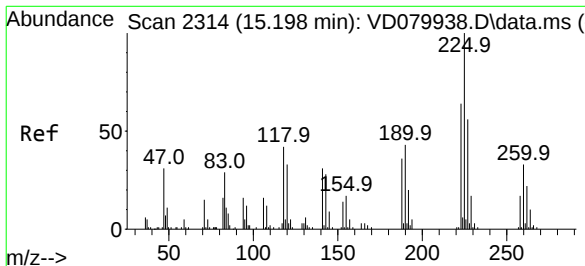
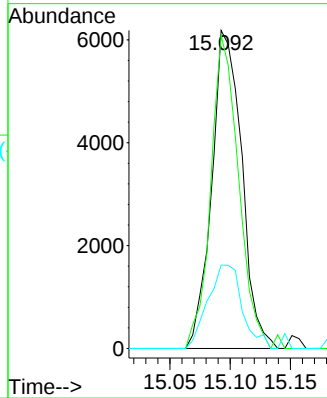
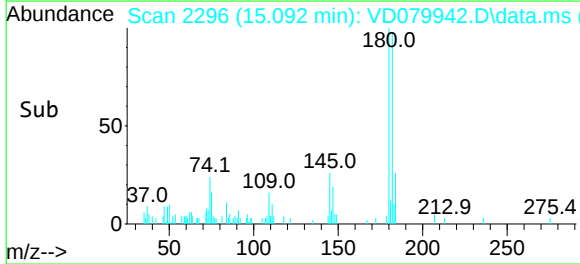
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



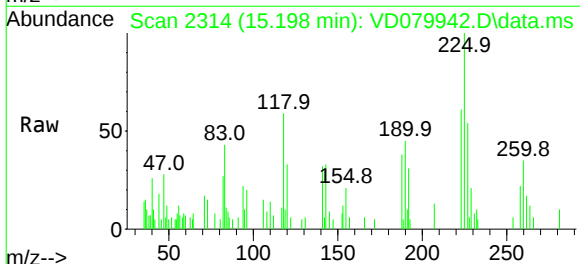
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.3	141.8
145	29.9	15.0	45.0

Manual Integrations
APPROVED

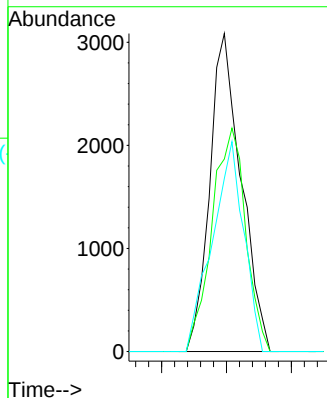
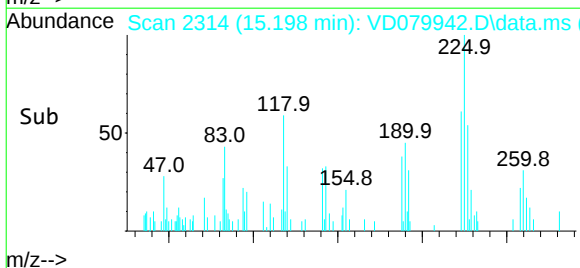
Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

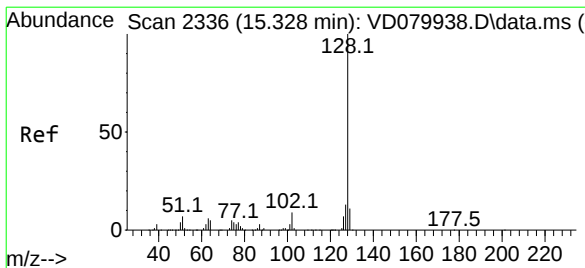


#94
Hexachlorobutadiene
Concen: 5.960 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD079942.D
Acq: 30 Sep 2024 17:42



Tgt Ion	Ratio	Lower	Upper
225	100		
223	75.1	30.6	92.0
227	66.2	29.8	89.3





#95

Naphthalene

Concen: 4.960 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

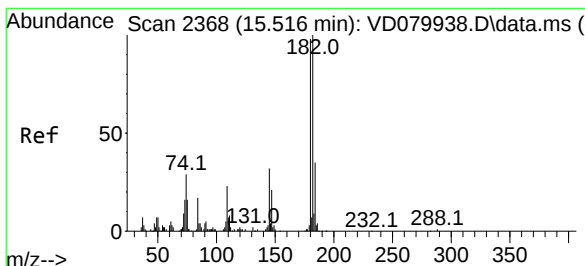
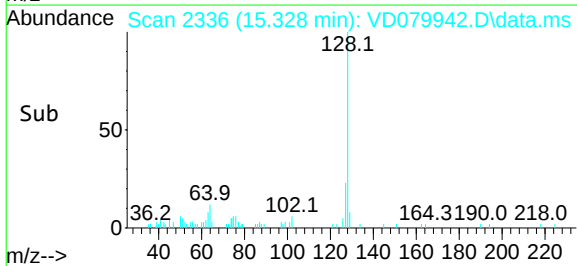
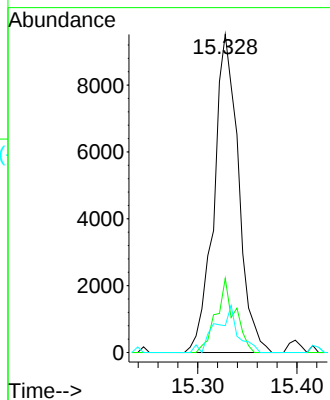
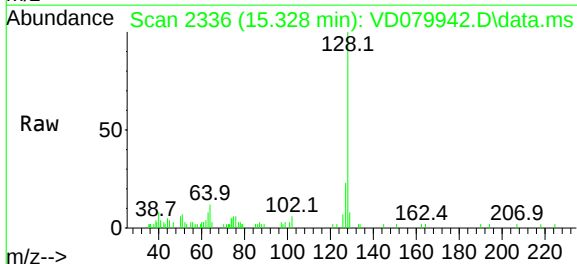
VSTDIC005

Tgt	Ion:128	Resp:	16337
Ion	Ratio	Lower	Upper
128	100		
127	23.3	10.6	16.0
129	8.4	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.887 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079942.D

Acq: 30 Sep 2024 17:42

Tgt	Ion:180	Resp:	8839
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	30.0	15.1	45.3

