

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077931.D
 Acq On : 16 Dec 2023 13:44
 Operator : RP/MD
 Sample : VD1216SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 01:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	128308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	220422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66264	43.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.660%
35) Dibromofluoromethane	7.804	113	68166	44.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.300%
50) Toluene-d8	10.269	98	276484	44.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.569	95	82268	44.498	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31451	19.623	ug/l	95
3) Chloromethane	2.152	50	46240	21.165	ug/l	99
4) Vinyl Chloride	2.287	62	65397	22.050	ug/l	99
5) Bromomethane	2.687	94	41349	24.846	ug/l	97
6) Chloroethane	2.834	64	44061	21.791	ug/l	95
7) Trichlorofluoromethane	3.181	101	51908	19.003	ug/l	97
8) Diethyl Ether	3.593	74	14877	19.396	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	32394	20.730	ug/l	95
10) Methyl Iodide	4.169	142	28239	24.580	ug/l	93
11) Tert butyl alcohol	5.052	59	7269m	92.747	ug/l	
12) 1,1-Dichloroethene	3.940	96	29892	19.381	ug/l	91
13) Acrolein	3.787	56	13848	86.586	ug/l	99
14) Allyl chloride	4.563	41	39552	18.646	ug/l	92
15) Acrylonitrile	5.252	53	31655	96.390	ug/l	98
16) Acetone	4.022	43	41344	108.694	ug/l	91
17) Carbon Disulfide	4.269	76	87610	16.790	ug/l	97
18) Methyl Acetate	4.563	43	21269	17.862	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	60147	18.381	ug/l	95
20) Methylene Chloride	4.799	84	43246	21.380	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	33264	19.042	ug/l	92
22) Diisopropyl ether	6.222	45	81041	18.282	ug/l	97
23) Vinyl Acetate	6.151	43	197646	91.305	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	56420	18.795	ug/l	99
25) 2-Butanone	7.081	43	42858	93.735	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	49539	19.656	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	37745	20.080	ug/l	92
28) Bromochloromethane	7.422	49	19964	16.459	ug/l #	79
29) Tetrahydrofuran	7.451	42	22155	92.021	ug/l	87
30) Chloroform	7.598	83	59984	19.966	ug/l	92
31) Cyclohexane	7.875	56	46822	17.411	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	51410	19.411	ug/l	98
36) 1,1-Dichloropropene	8.004	75	45119	18.269	ug/l	96
37) Ethyl Acetate	7.169	43	13908	14.443	ug/l #	92
38) Carbon Tetrachloride	7.987	117	45410	18.444	ug/l	96
39) Methylcyclohexane	9.269	83	51999	17.761	ug/l	91
40) Benzene	8.251	78	130054	18.554	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	9864	20.153	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	34022	18.725	ug/l	96
43) Isopropyl Acetate	8.363	43	30902	18.052	ug/l #	91
44) Trichloroethene	9.028	130	34400	18.832	ug/l	97
45) 1,2-Dichloropropane	9.310	63	32022	18.792	ug/l	89
46) Dibromomethane	9.392	93	17367	19.262	ug/l	92
47) Bromodichloromethane	9.581	83	44880	19.639	ug/l	94
48) Methyl methacrylate	9.375	41	16892	17.359	ug/l #	81
49) 1,4-Dioxane	9.387	88	3717	415.186	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	77261	88.435	ug/l	93
52) Toluene	10.334	92	82187	18.902	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	41570	18.943	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	49449	18.637	ug/l #	83
55) 1,1,2-Trichloroethane	10.728	97	24129	19.565	ug/l	97
56) Ethyl methacrylate	10.598	69	19511	17.947	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	40774	19.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	52431	84.570	ug/l	95
59) 2-Hexanone	10.922	43	67379	92.960	ug/l	86
60) Dibromochloromethane	11.075	129	29630	19.955	ug/l	95
61) 1,2-Dibromoethane	11.175	107	22565	19.438	ug/l	97
64) Tetrachloroethene	10.810	164	27434	18.695	ug/l	92
65) Chlorobenzene	11.604	112	89838	17.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	30911	18.618	ug/l	97
67) Ethyl Benzene	11.681	91	149588	17.996	ug/l	97
68) m/p-Xylenes	11.792	106	119703	37.648	ug/l	91
69) o-Xylene	12.122	106	54989	18.766	ug/l	91
70) Styrene	12.133	104	83307	19.119	ug/l	94
71) Bromoform	12.298	173	16630	19.170	ug/l #	95
73) Isopropylbenzene	12.422	105	146916	18.694	ug/l	98
74) N-amyl acetate	12.233	43	27350	17.704	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	27209	19.856	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	17117m	19.007	ug/l	
77) Bromobenzene	12.698	156	34546	18.689	ug/l	91
78) n-propylbenzene	12.763	91	181624	18.966	ug/l	97
79) 2-Chlorotoluene	12.845	91	98462	19.186	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	125988	19.221	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	8666	19.497	ug/l	93
82) 4-Chlorotoluene	12.945	91	104040	19.392	ug/l	95
83) tert-Butylbenzene	13.163	119	109700	19.824	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	125843	19.196	ug/l	96
85) sec-Butylbenzene	13.345	105	156639	19.150	ug/l	96
86) p-Isopropyltoluene	13.457	119	135352	18.482	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	71607	18.943	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	70525	17.653	ug/l	97
89) n-Butylbenzene	13.786	91	131382	19.066	ug/l	99
90) Hexachloroethane	14.051	117	27601	20.494	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	62681	19.497	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3795	18.501	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	39122	17.815	ug/l	96
94) Hexachlorobutadiene	15.204	225	22229	18.772	ug/l	97
95) Naphthalene	15.327	128	66147	18.129	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	33458	18.481	ug/l	96

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MSVOA_D
ClientSampleId :
VD1216SBSD01

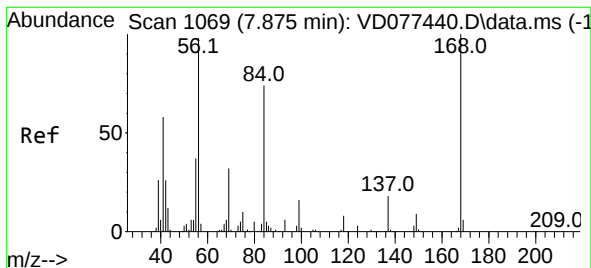
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion:168 Resp: 128308

Ion Ratio Lower Upper

168 100

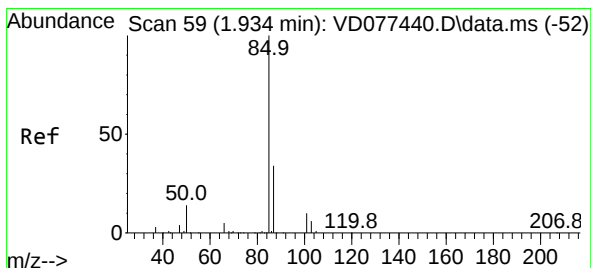
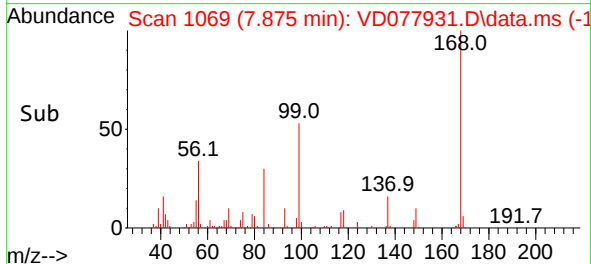
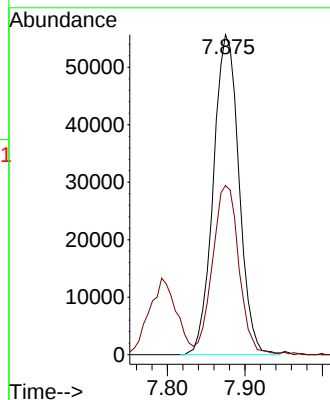
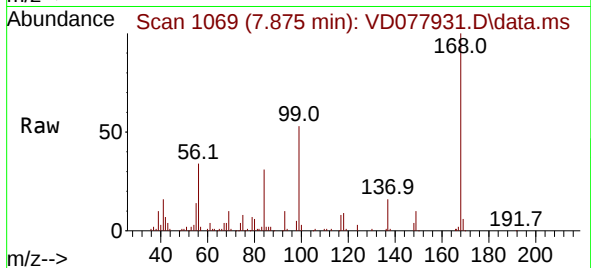
99 52.3 36.7 55.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#2

Dichlorodifluoromethane

Concen: 19.623 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077931.D

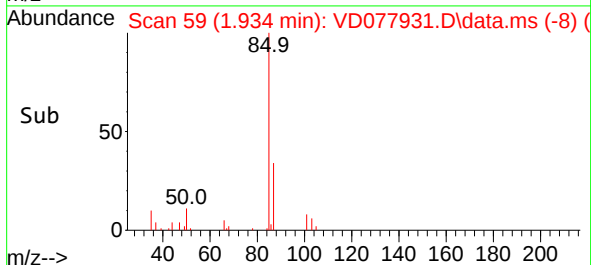
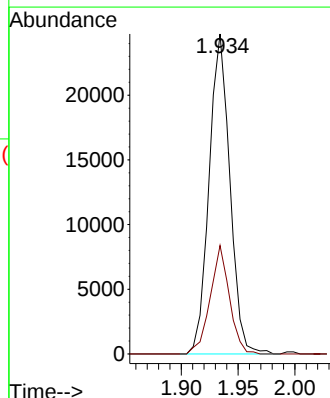
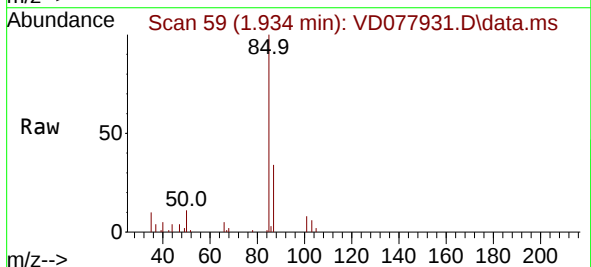
Acq: 16 Dec 2023 13:44

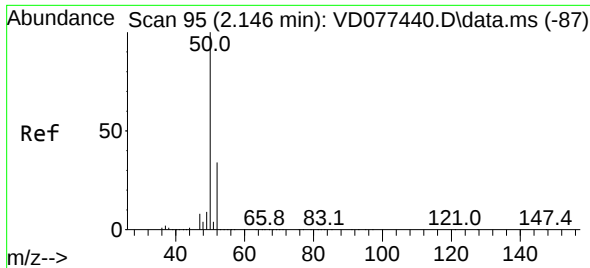
Tgt Ion: 85 Resp: 31451

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.0





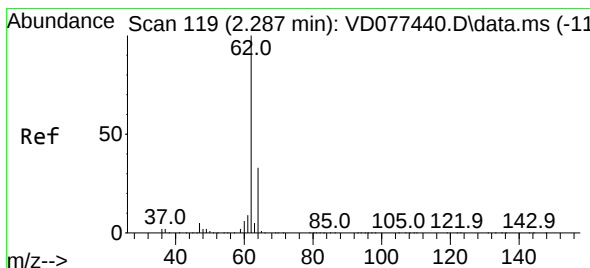
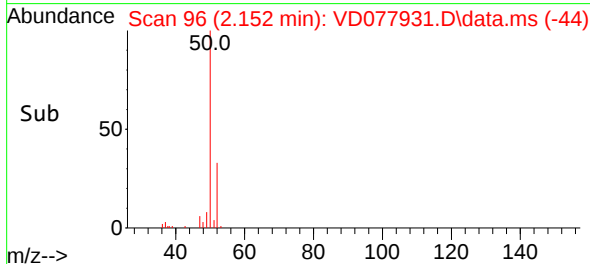
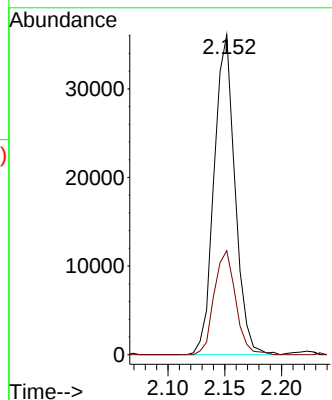
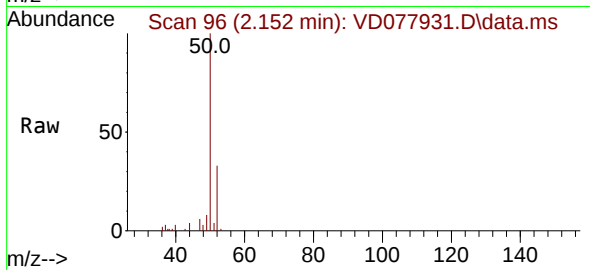
#3
Chloromethane
Concen: 21.165 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 50 Resp: 46240
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

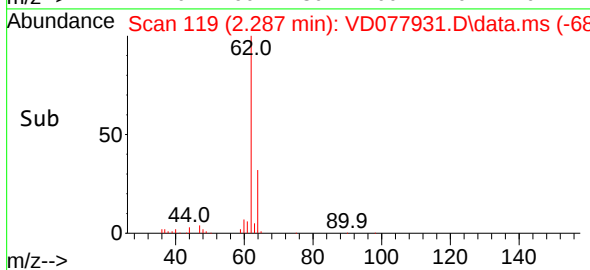
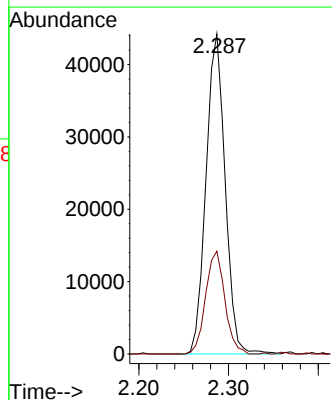
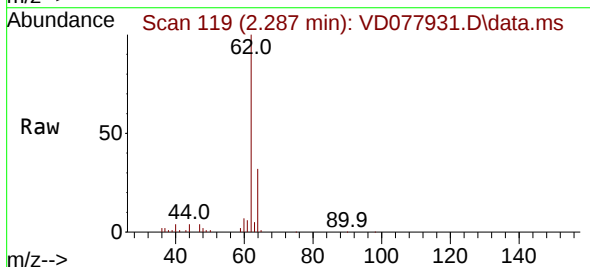
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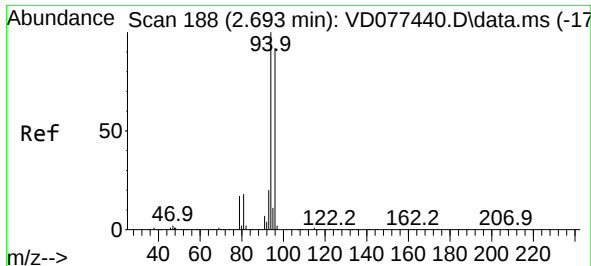
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 22.050 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

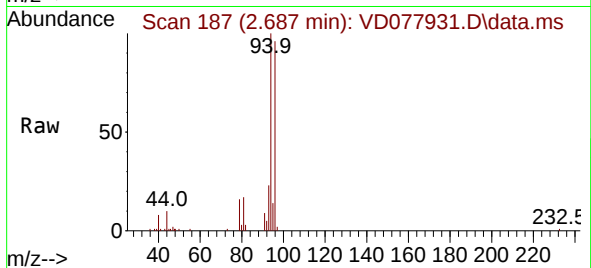
Tgt Ion: 62 Resp: 65397
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 24.846 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

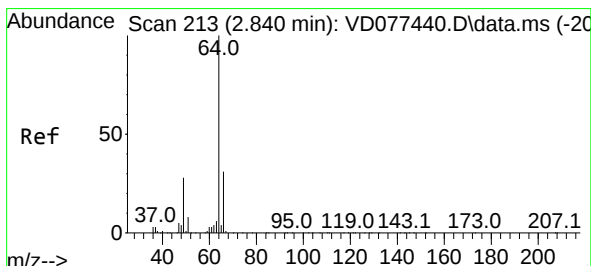
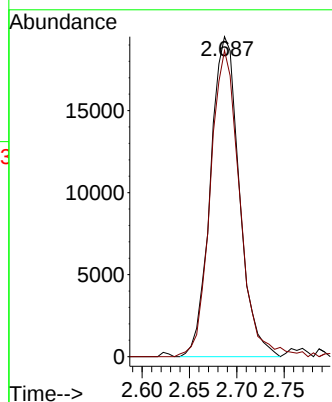
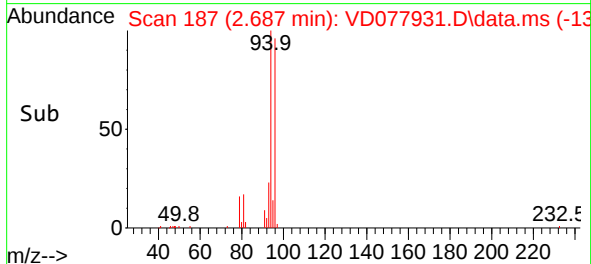
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 41349
Ion Ratio Lower Upper
94 100
96 97.3 75.8 113.8

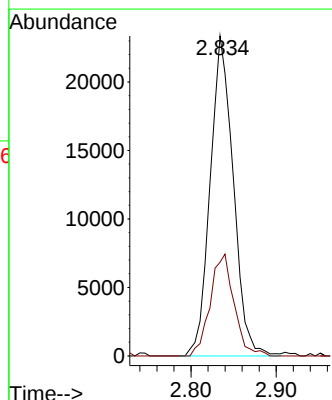
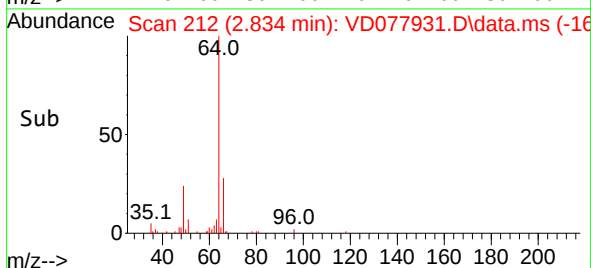
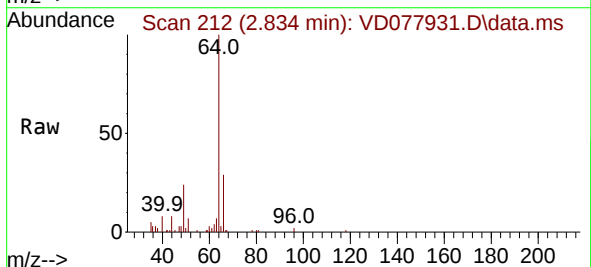
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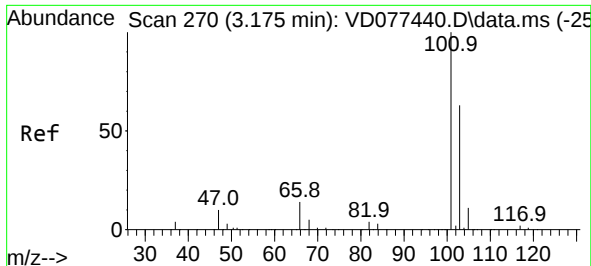
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#6
Chloroethane
Concen: 21.791 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion: 64 Resp: 44061
Ion Ratio Lower Upper
64 100
66 29.3 25.5 38.3





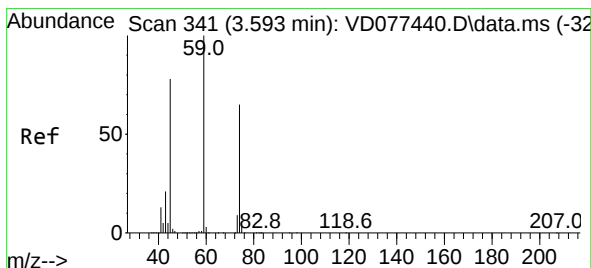
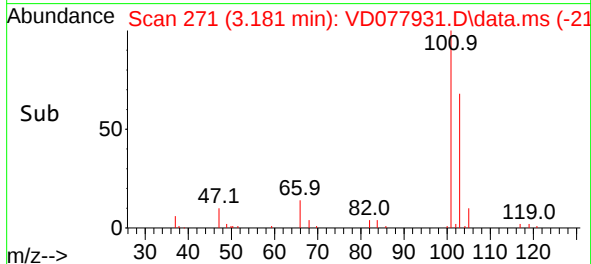
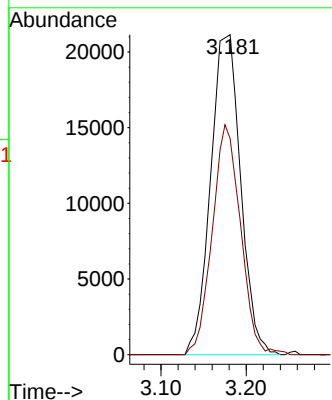
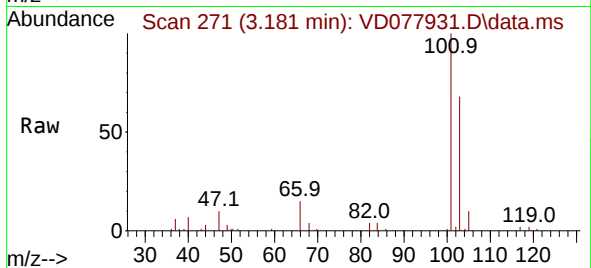
#7
Trichlorofluoromethane
Concen: 19.003 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:101 Resp: 51908
Ion Ratio Lower Upper
101 100
103 67.6 52.3 78.5

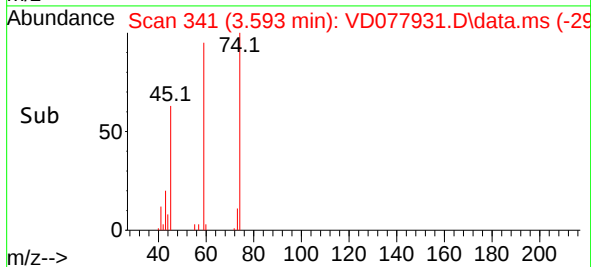
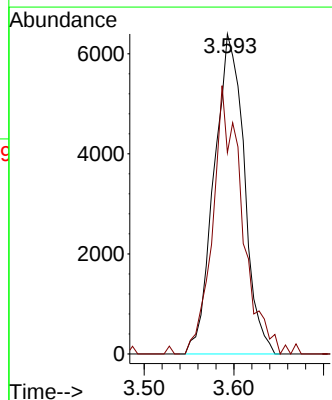
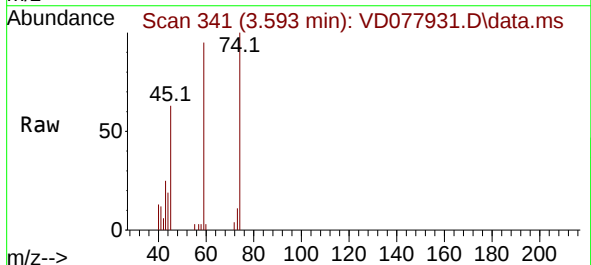
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Supervised By :Semsettin Yesilyurt 12/18/2023



#8
Diethyl Ether
Concen: 19.396 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion: 74 Resp: 14877
Ion Ratio Lower Upper
74 100
45 81.7 37.5 112.7





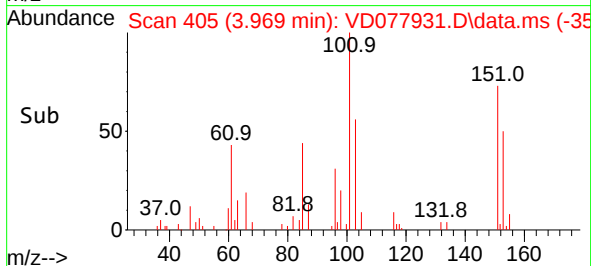
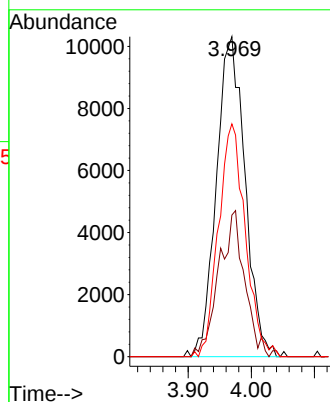
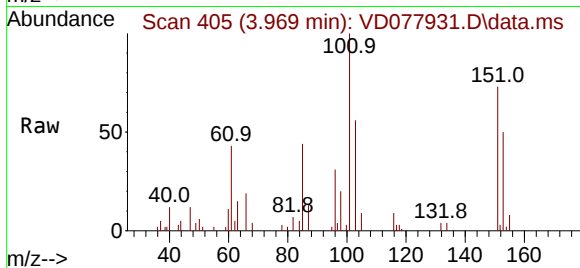
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1,1,2-Trichlorotrifluoroethane
Concen: 20.730 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:101 Resp: 32394
Ion Ratio Lower Upper
101 100
85 41.2 33.8 50.6
151 68.4 59.8 89.6

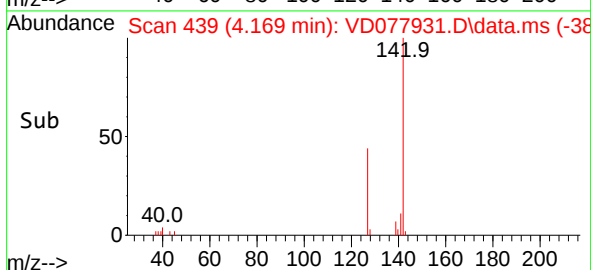
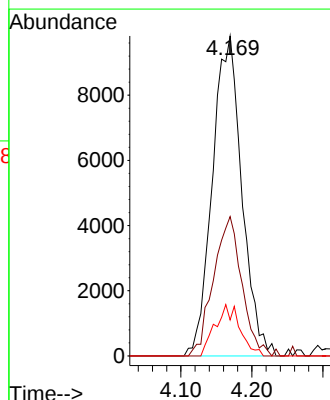
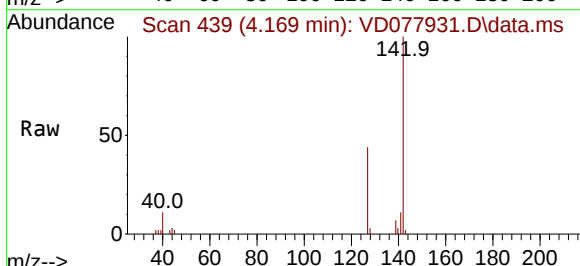
Manual Integrations
APPROVED

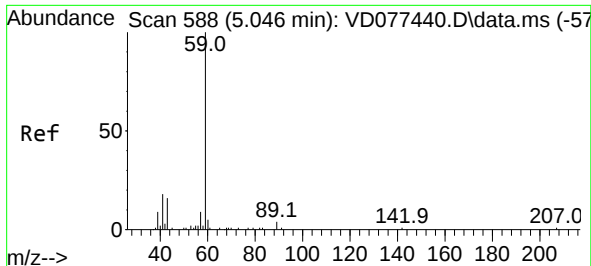
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 24.580 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

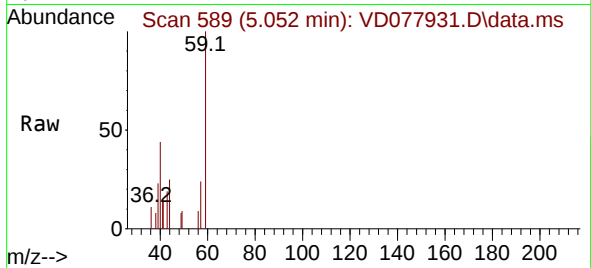
Tgt Ion:142 Resp: 28239
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 13.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 92.747 ug/l m
RT: 5.052 min Scan# 588
Delta R.T. 0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

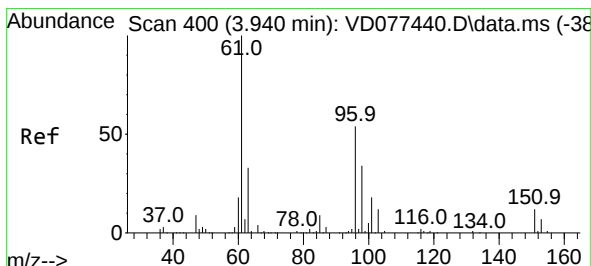
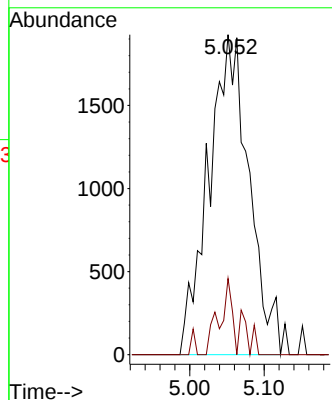
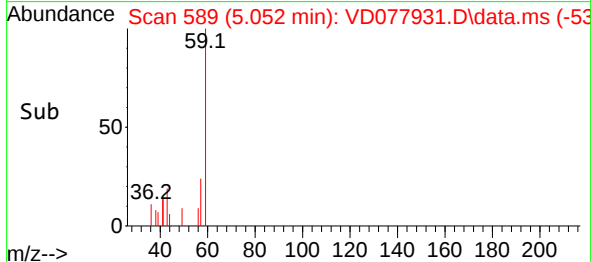
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



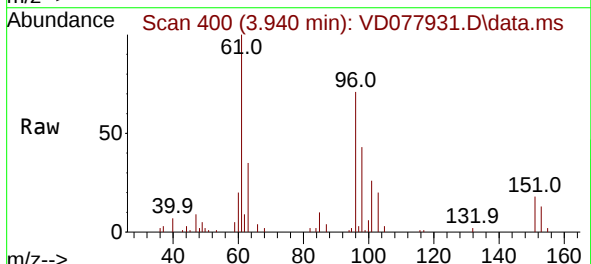
Tgt Ion: 59 Resp: 7269
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8

Manual Integrations
APPROVED

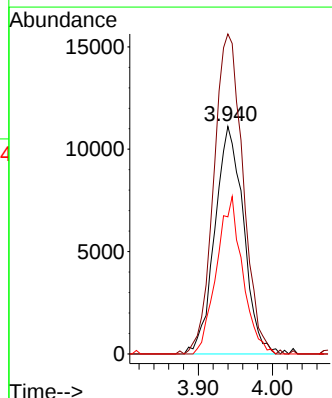
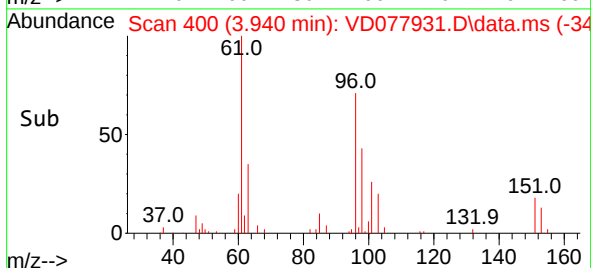
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 19.381 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



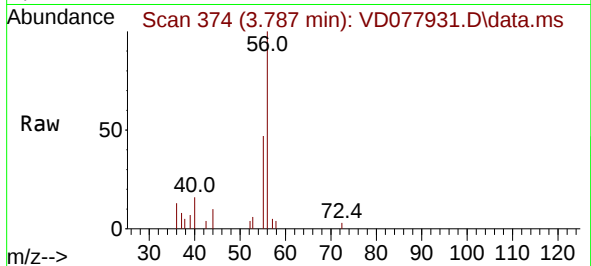
Tgt Ion: 96 Resp: 29892
Ion Ratio Lower Upper
96 100
61 139.2 100.6 150.8
98 60.2 50.2 75.2





#13
Acrolein
Concen: 86.586 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

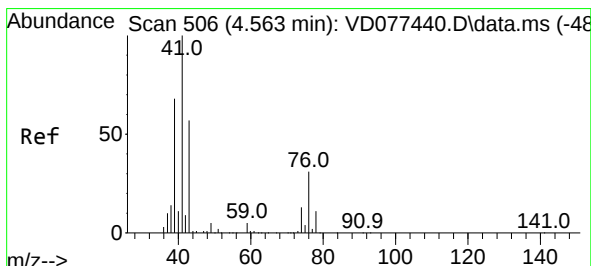
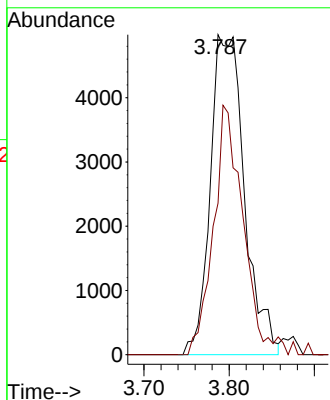
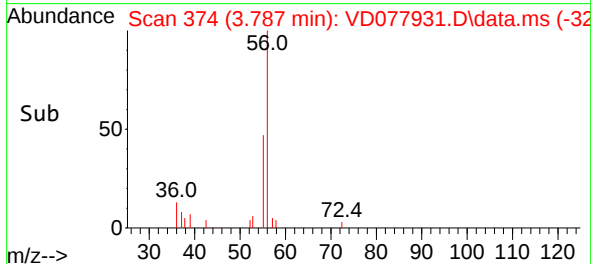
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 56 Resp: 1384
Ion Ratio Lower Upper
56 100
55 68.2 55.1 82.7

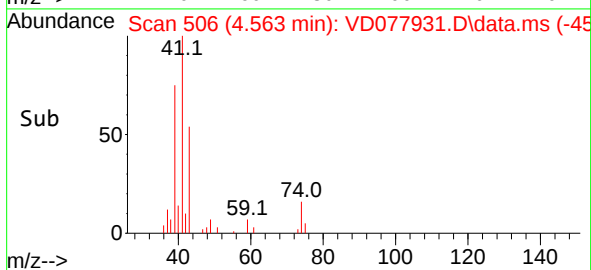
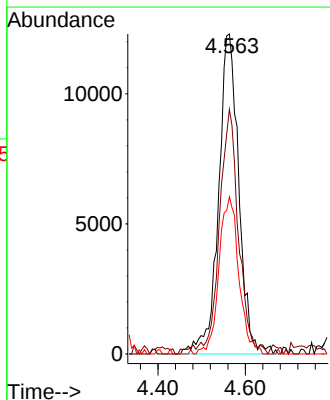
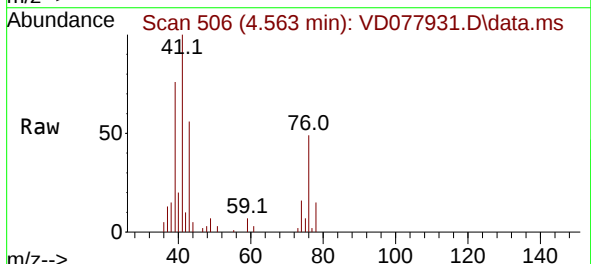
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 18.646 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

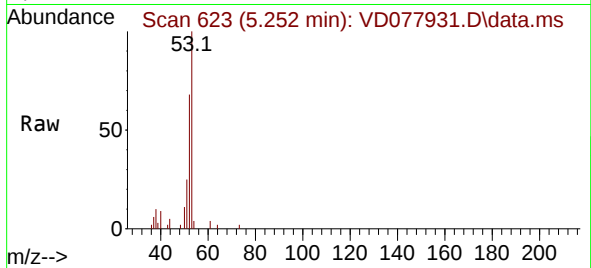
Tgt Ion: 41 Resp: 39552
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 48.0 45.8 68.8





#15
Acrylonitrile
Concen: 96.390 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

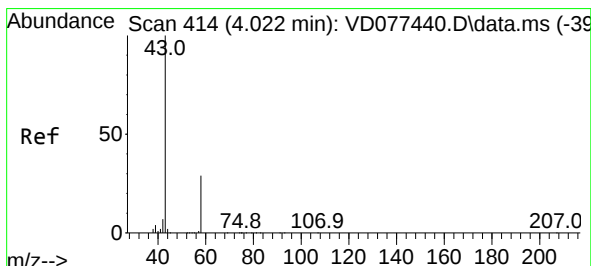
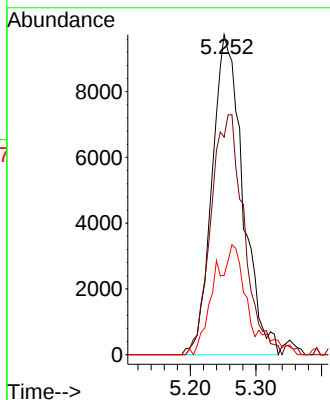
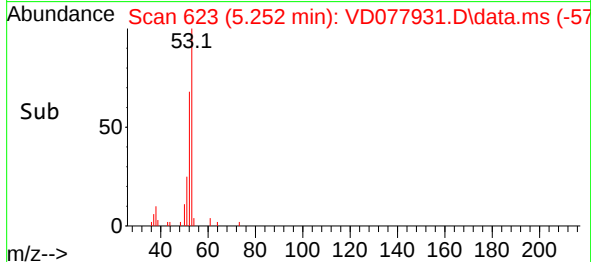
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 53 Resp: 3165
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 38.5 28.3 42.5

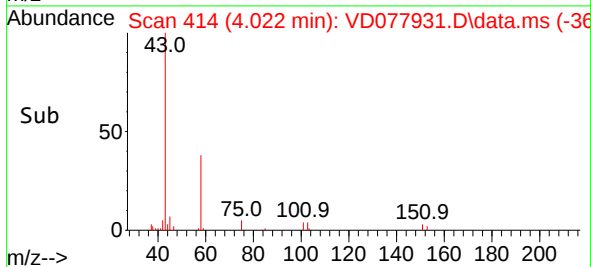
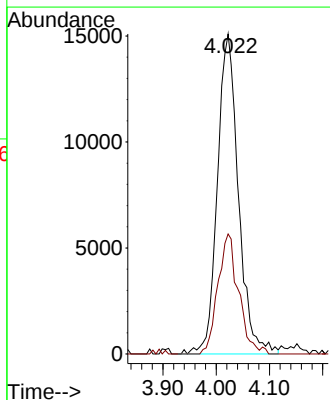
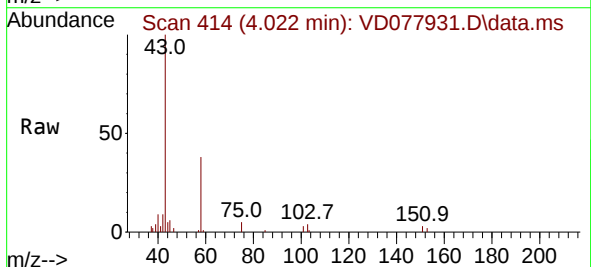
Manual Integrations
APPROVED

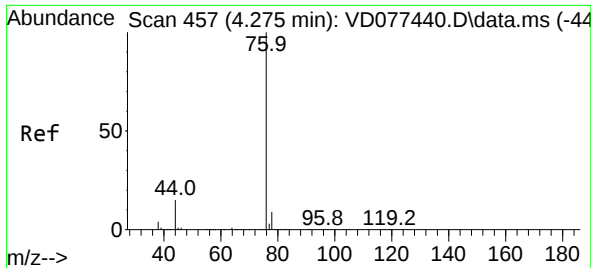
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 108.694 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion: 43 Resp: 41344
Ion Ratio Lower Upper
43 100
58 37.5 34.7 52.1





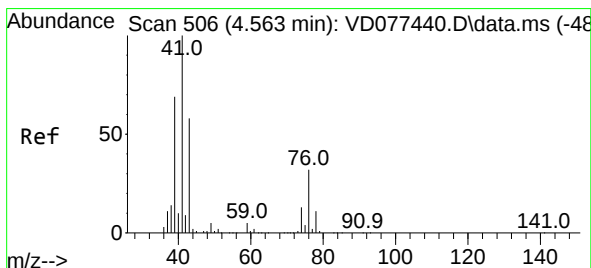
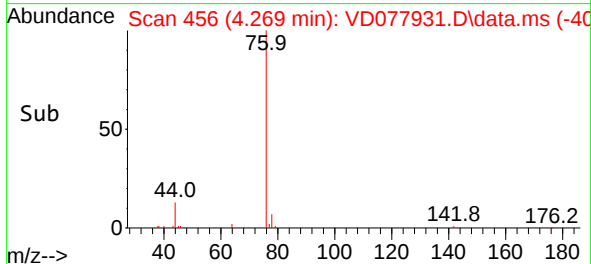
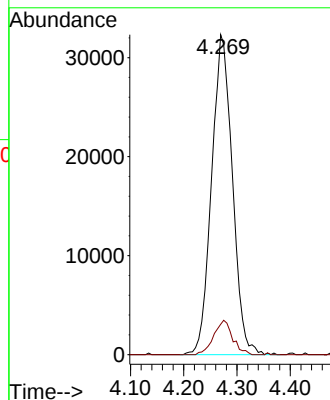
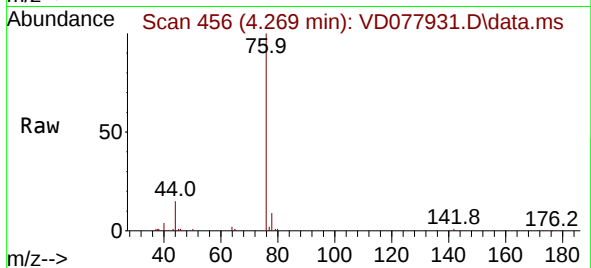
#17
Carbon Disulfide
Concen: 16.790 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 76 Resp: 87610
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

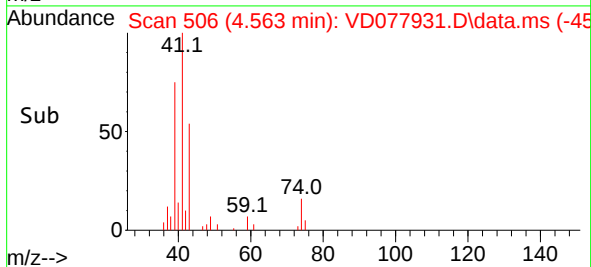
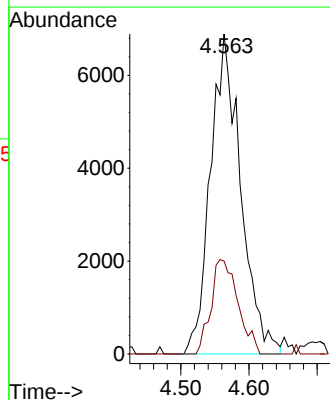
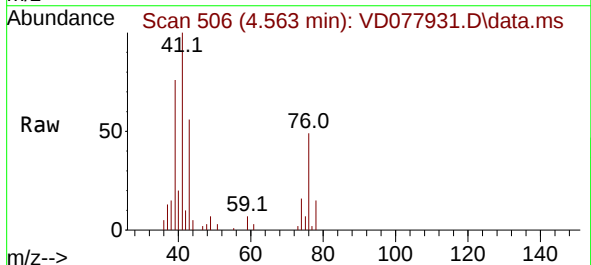
Manual Integrations
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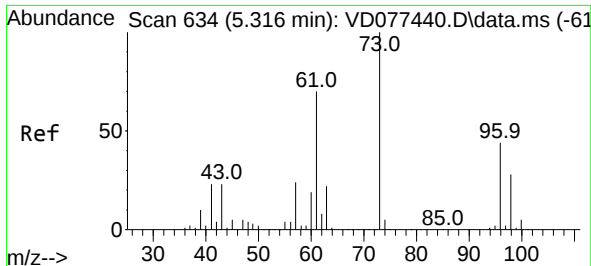
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 17.862 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

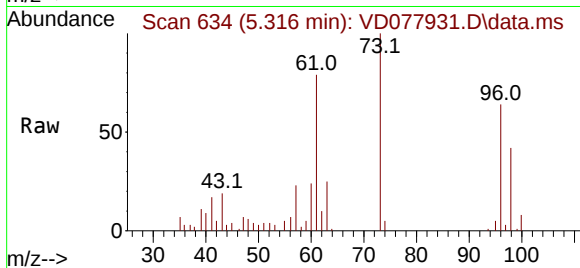
Tgt Ion: 43 Resp: 21269
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 18.381 ug/l
RT: 5.316 min Scan# 614
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

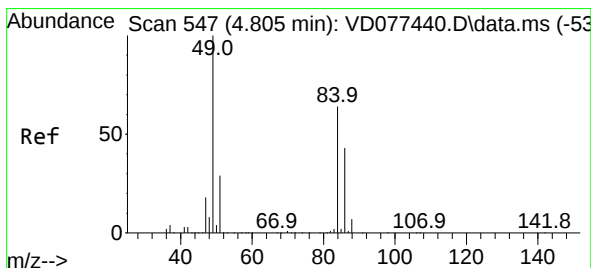
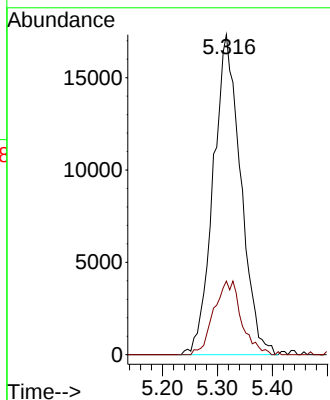
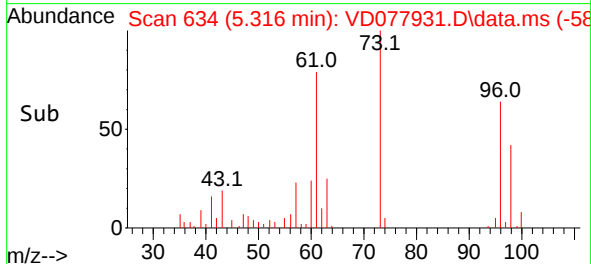
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 73 Resp: 6014
Ion Ratio Lower Upper
73 100
57 23.0 16.6 25.0

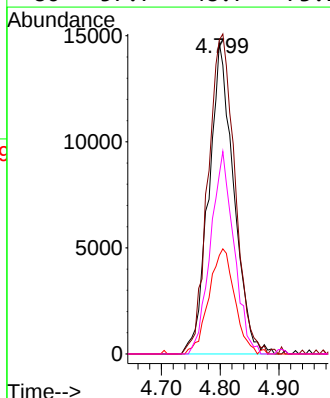
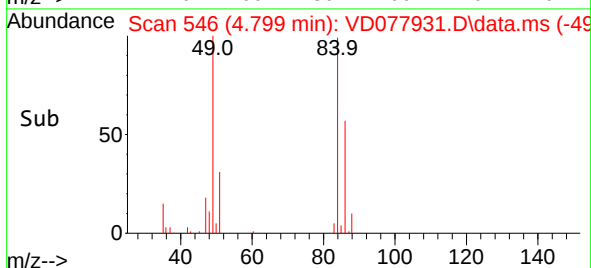
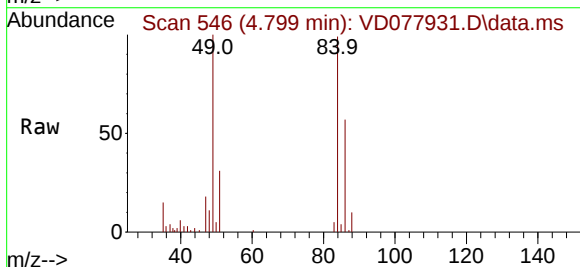
Manual Integrations
APPROVED

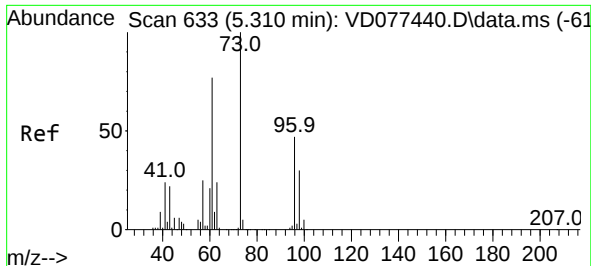
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 21.380 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

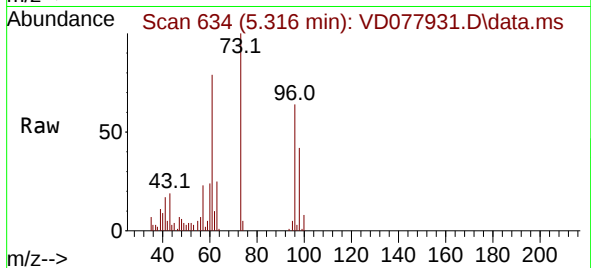
Tgt Ion: 84 Resp: 43246
Ion Ratio Lower Upper
84 100
49 100.9 71.4 107.2
51 31.7 24.5 36.7
86 57.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.042 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

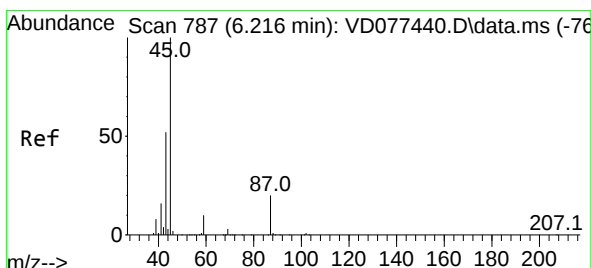
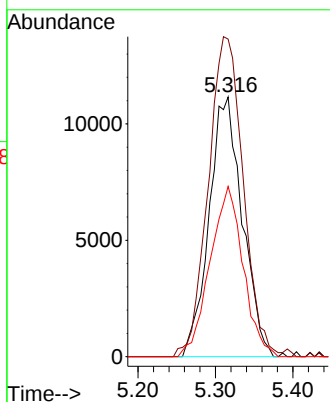
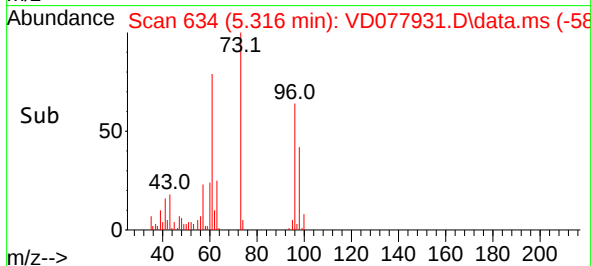
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



Tgt Ion: 96 Resp: 33264
Ion Ratio Lower Upper
96 100
61 120.7 89.3 133.9
98 65.6 48.6 73.0

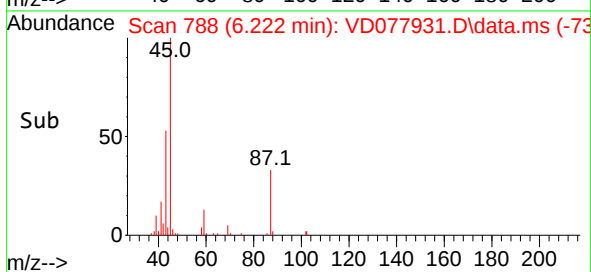
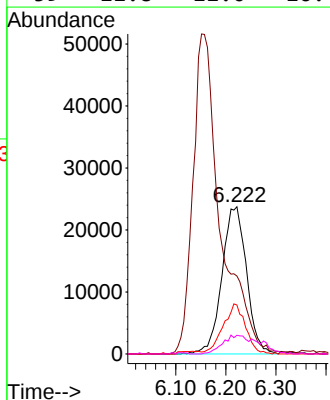
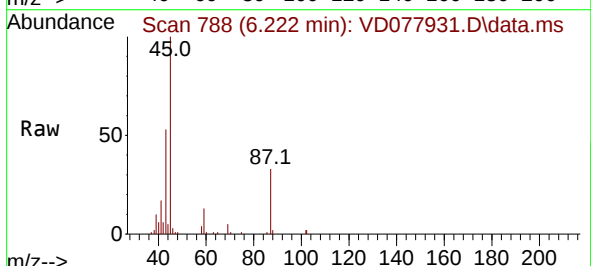
Manual Integrations
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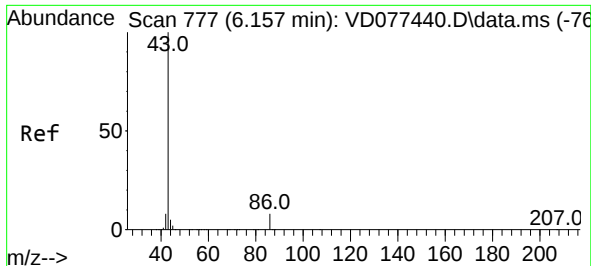
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 18.282 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion: 45 Resp: 81041
Ion Ratio Lower Upper
45 100
43 51.2 40.0 60.0
87 33.3 28.2 42.4
59 11.8 11.0 16.4





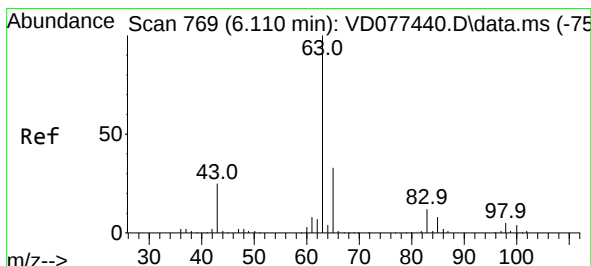
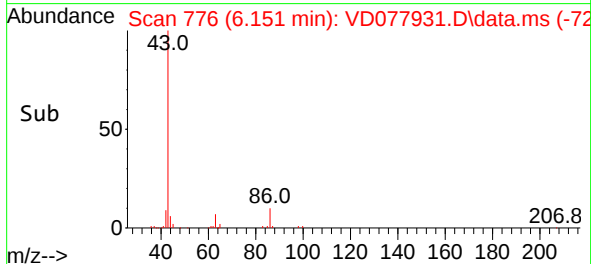
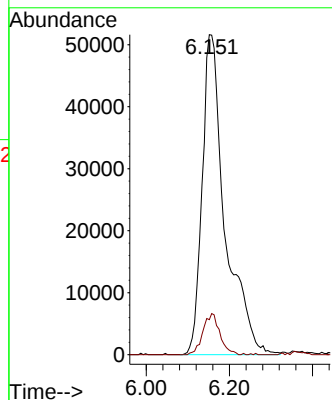
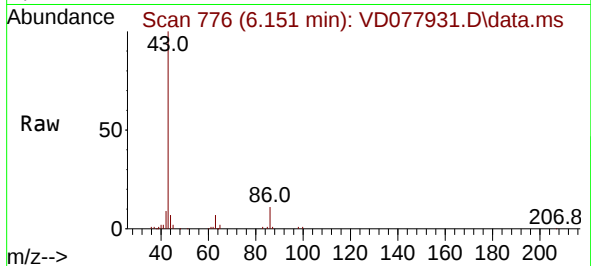
#23
 Vinyl Acetate
 Concen: 91.305 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077931.D
 Acq: 16 Dec 2023 13:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Tgt Ion: 43 Resp: 197640
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.5 18.75

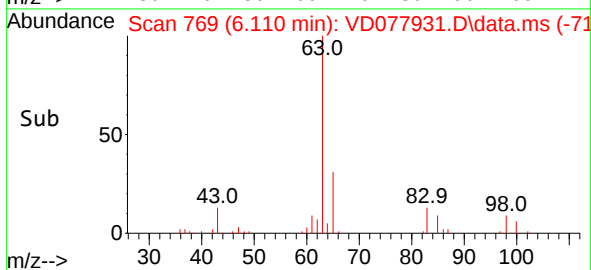
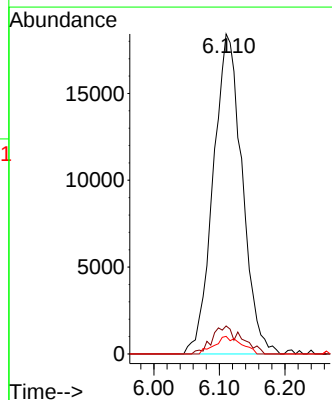
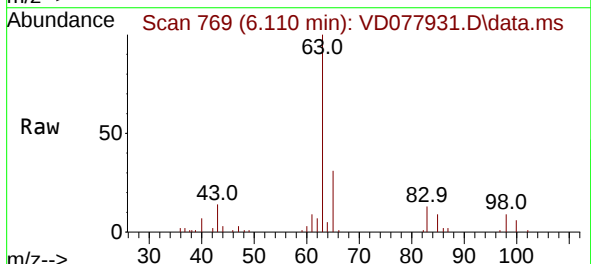
Manual Integrations
 APPROVED

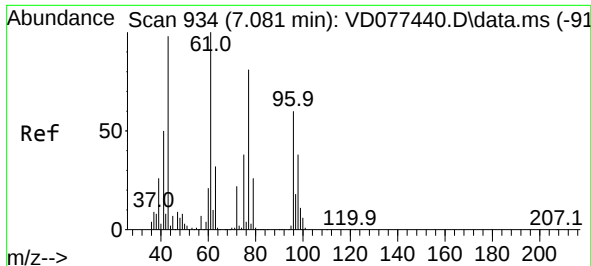
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 18.795 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077931.D
 Acq: 16 Dec 2023 13:44

Tgt Ion: 63 Resp: 56420
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 5.5 2.5 7.5





#25

2-Butanone

Concen: 93.735 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 43 Resp: 4285

Ion Ratio Lower Upper

43 100

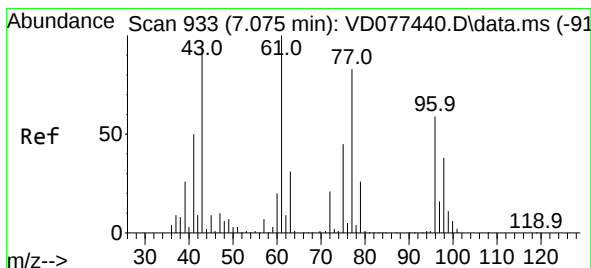
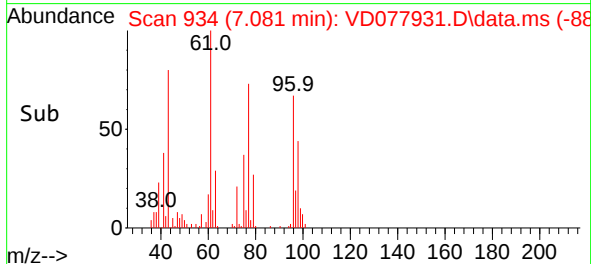
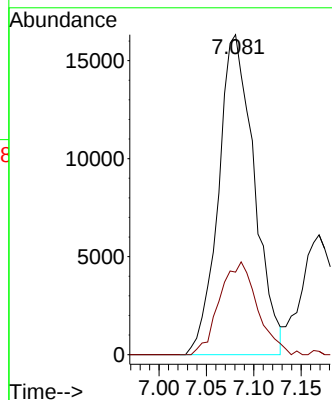
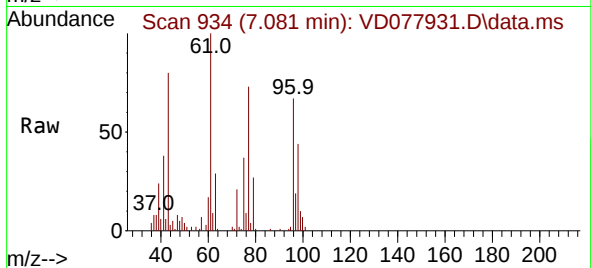
72 25.8 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#26

2,2-Dichloropropane

Concen: 19.656 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077931.D

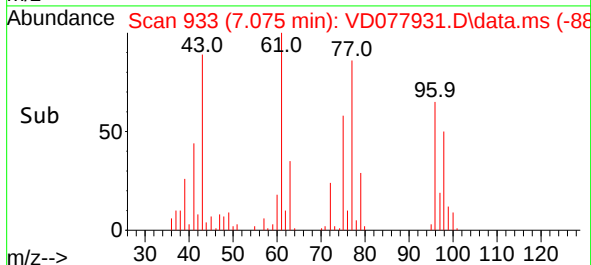
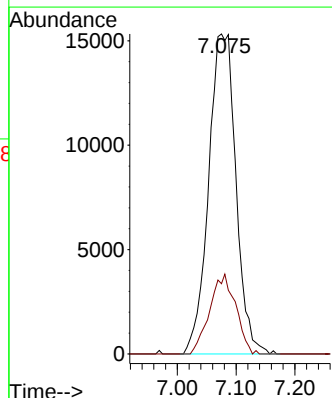
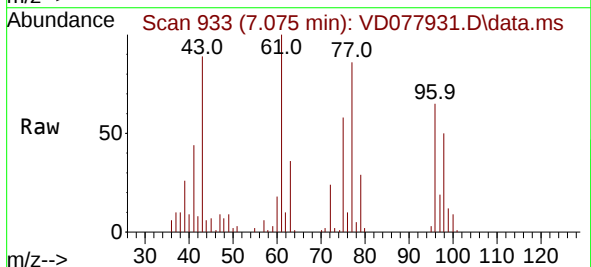
Acq: 16 Dec 2023 13:44

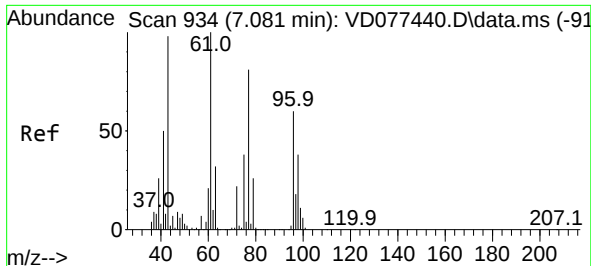
Tgt Ion: 77 Resp: 49539

Ion Ratio Lower Upper

77 100

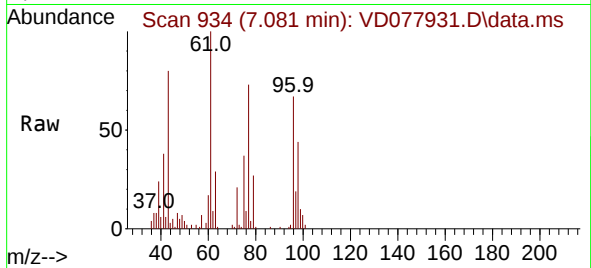
97 23.7 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.080 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077931.D
 Acq: 16 Dec 2023 13:44

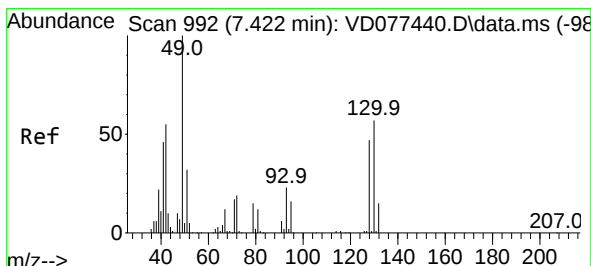
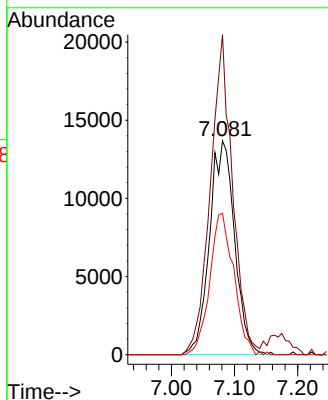
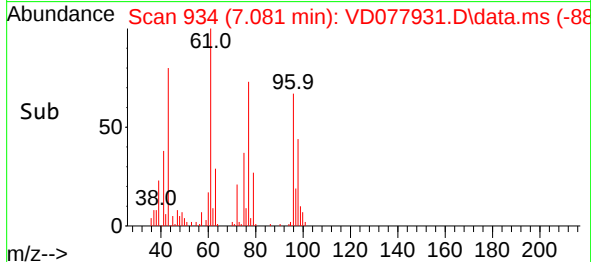
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01



Tgt Ion: 96 Resp: 3774
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 239.2
 98 63.5 0.0 128.6

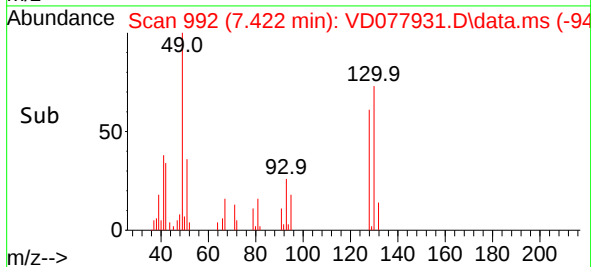
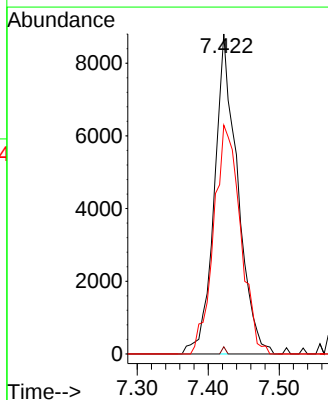
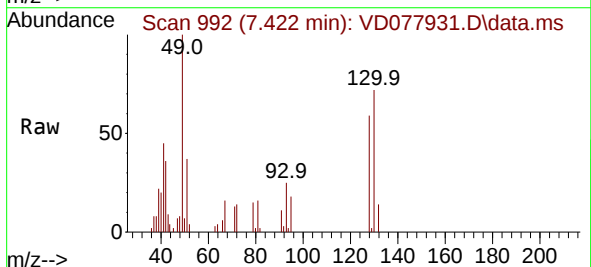
Manual Integrations
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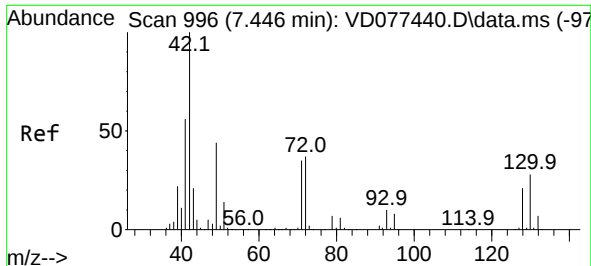
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#28
 Bromochloromethane
 Concen: 16.459 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD077931.D
 Acq: 16 Dec 2023 13:44

Tgt Ion: 49 Resp: 19964
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 6.0
 130 82.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 92.021 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

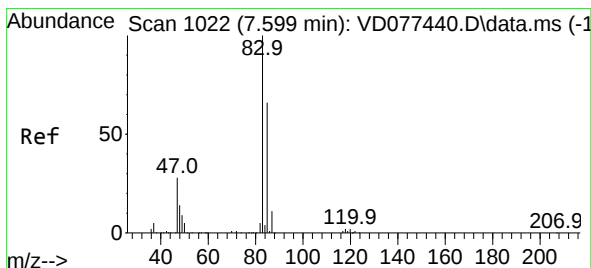
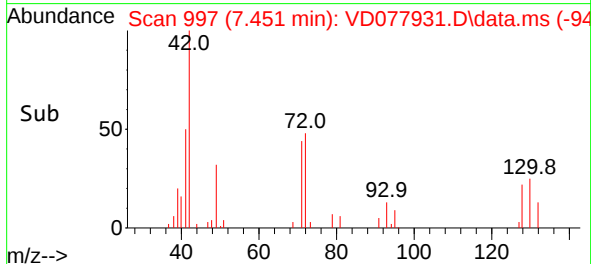
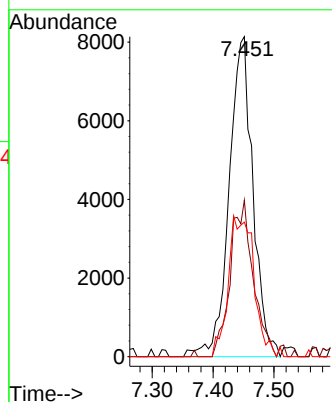
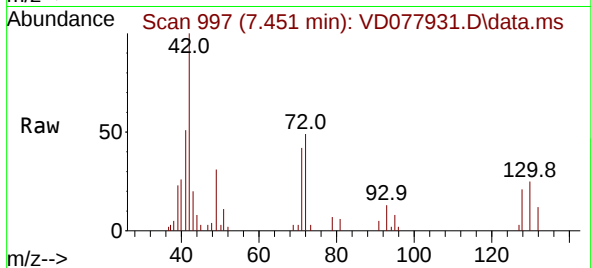
VD1216SBS01

Tgt Ion:	42	Resp:	2215
Ion Ratio	Lower	Upper	
42	100		
72	47.1	46.5	69.7
71	47.0	44.5	66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 19.966 ug/l

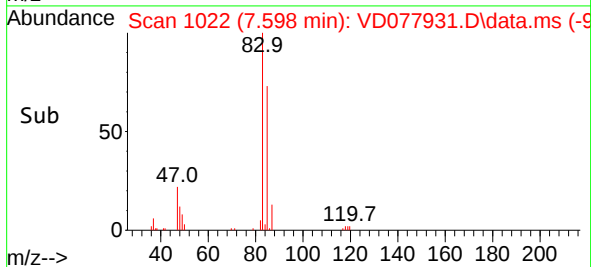
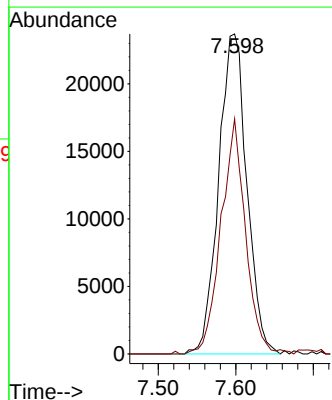
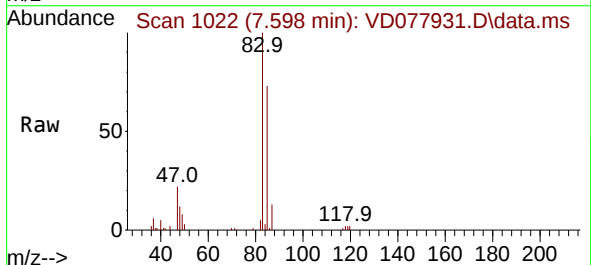
RT: 7.598 min Scan# 1022

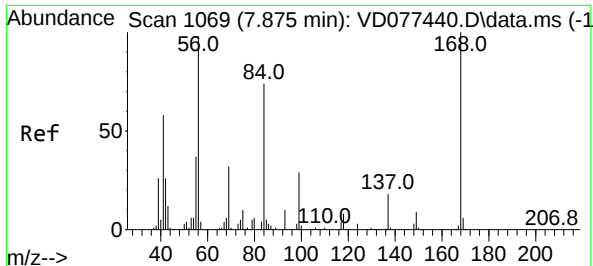
Delta R.T. -0.001 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

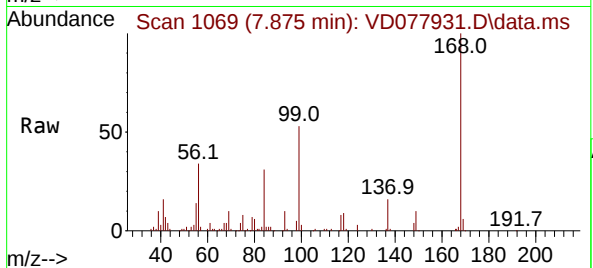
Tgt Ion:	83	Resp:	59984
Ion Ratio	Lower	Upper	
83	100		
85	73.5	53.4	80.2





#31
Cyclohexane
Concen: 17.411 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

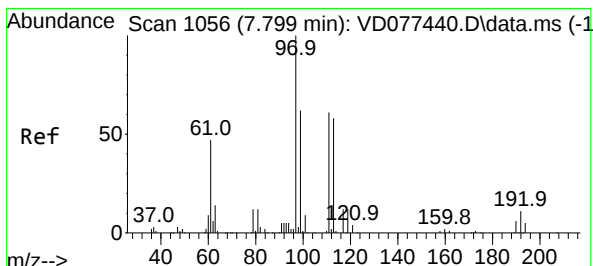
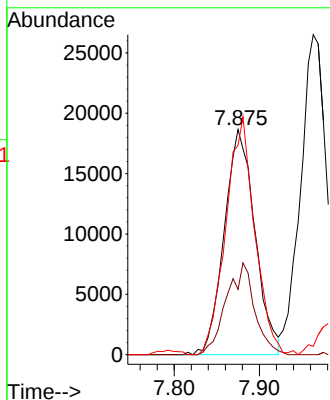
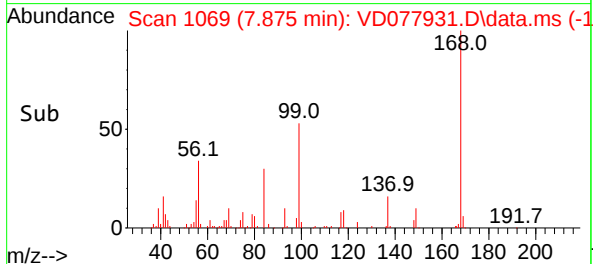
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



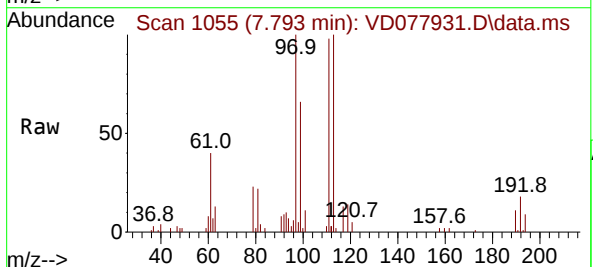
Tgt Ion: 56 Resp: 4682
Ion Ratio Lower Upper
56 100
69 29.0 28.6 43.0
84 91.6 84.8 127.2

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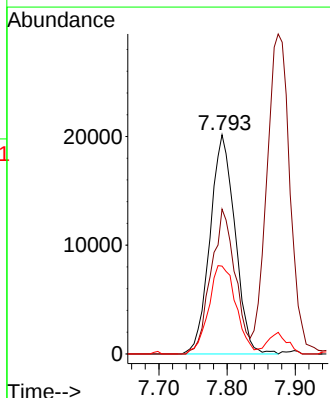
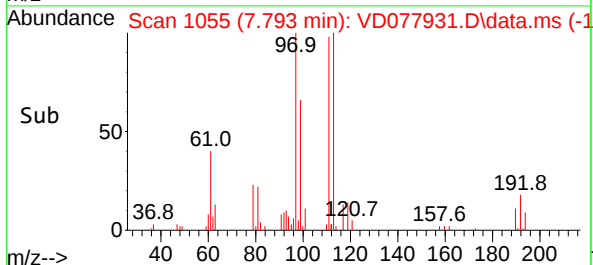
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

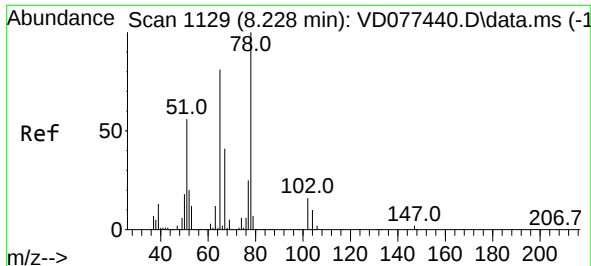


#32
1,1,1-Trichloroethane
Concen: 19.411 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



Tgt Ion: 97 Resp: 51410
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.828 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 65 Resp: 66264

Ion Ratio Lower Upper

65 100

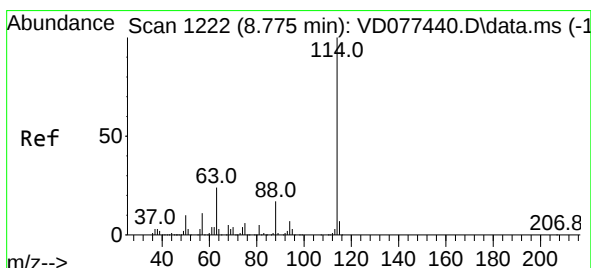
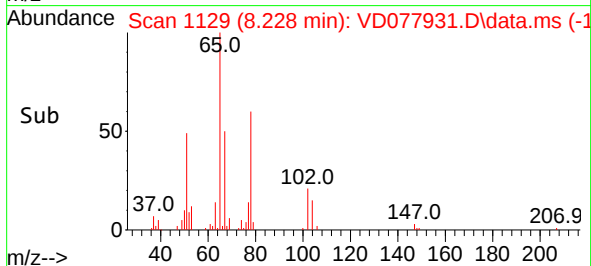
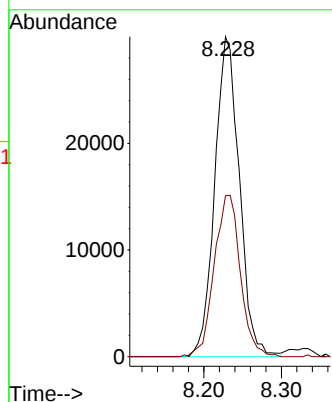
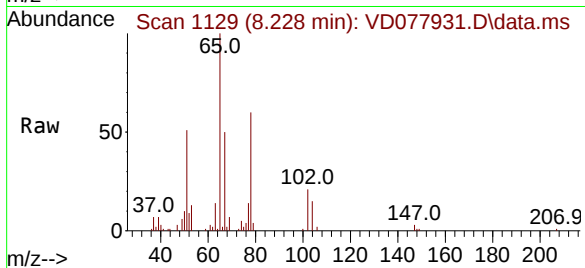
67 53.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

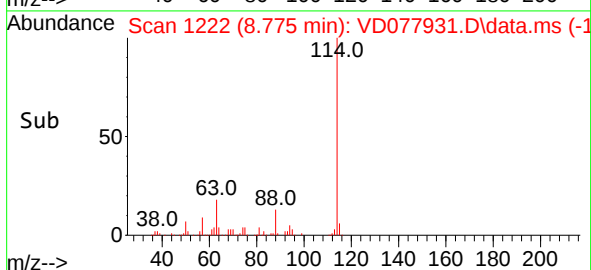
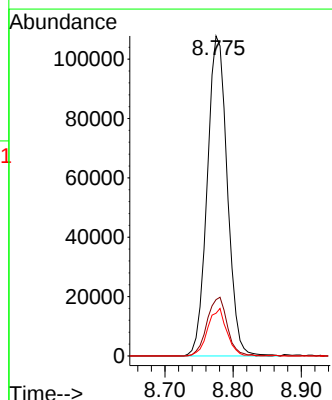
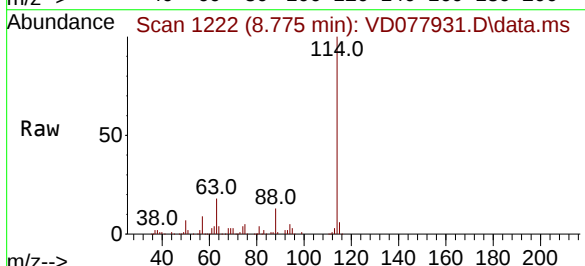
Tgt Ion:114 Resp: 220422

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.150 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

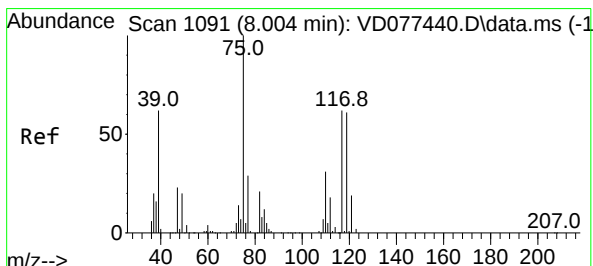
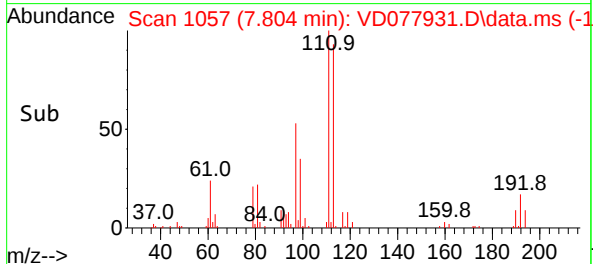
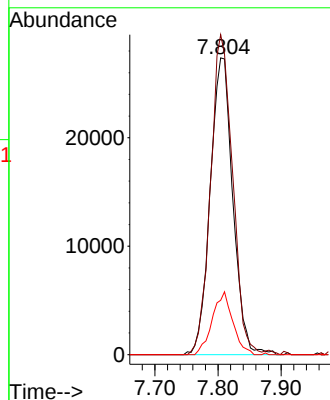
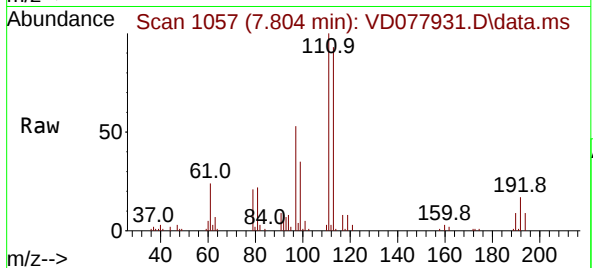
Tgt Ion: 113 Resp: 6816

Ion	Ratio	Lower	Upper
113	100		
111	104.6	84.7	127.1
192	19.2	16.8	25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36

1,1-Dichloropropene

Concen: 18.269 ug/l

RT: 8.004 min Scan# 1091

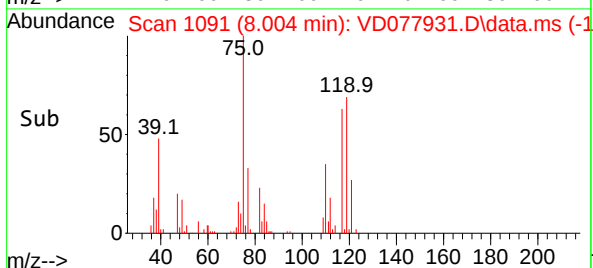
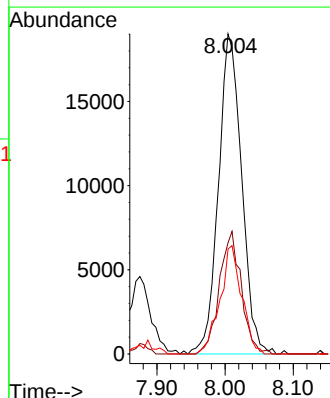
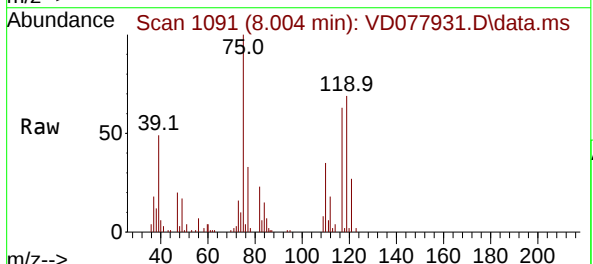
Delta R.T. 0.000 min

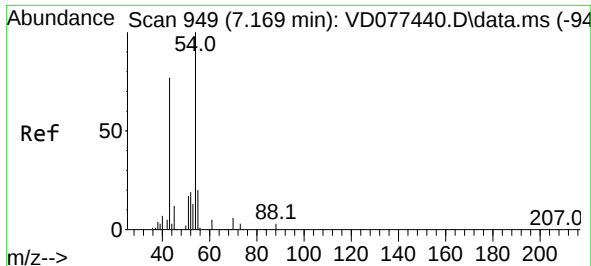
Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Tgt Ion: 75 Resp: 45119

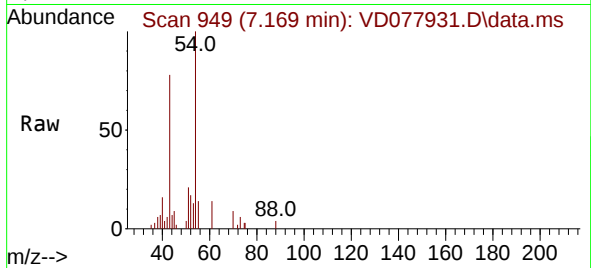
Ion	Ratio	Lower	Upper
75	100		
110	36.1	19.9	59.6
77	31.7	24.7	37.1





#37
Ethyl Acetate
Concen: 14.443 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

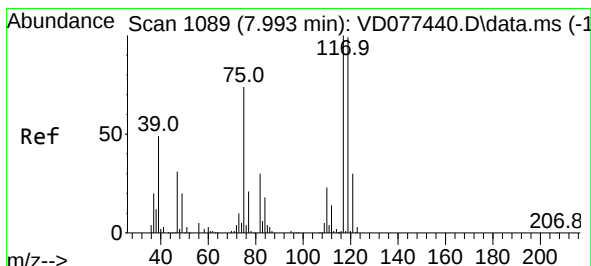
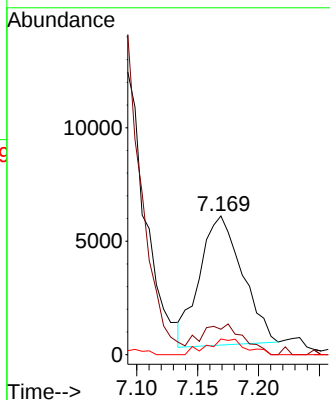
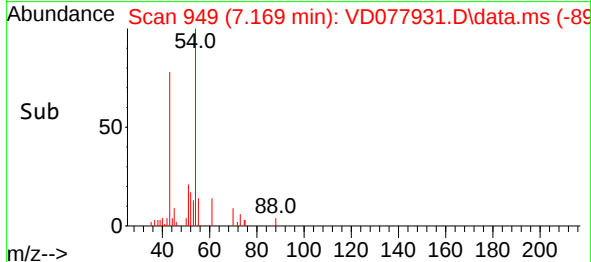
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



Tgt Ion: 43 Resp: 13908
Ion Ratio Lower Upper
43 100
61 23.7 14.9 22.3
70 10.9 10.0 15.0

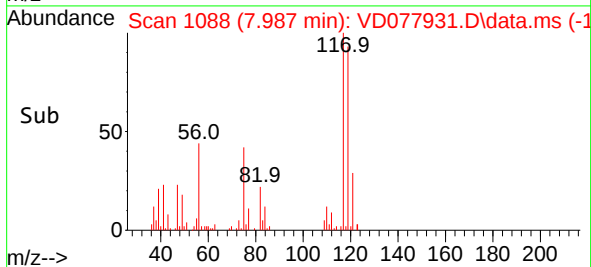
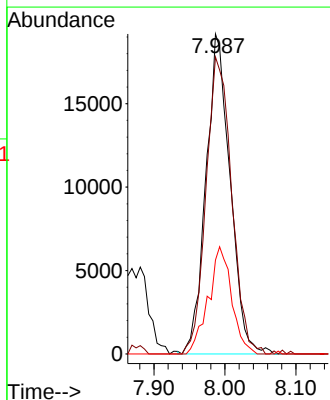
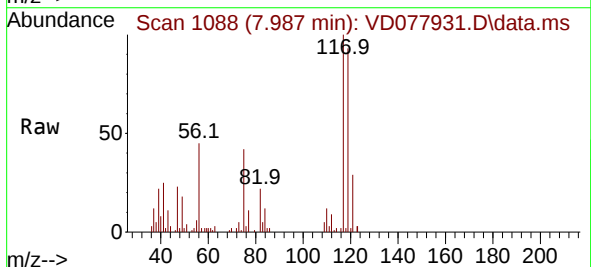
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38
Carbon Tetrachloride
Concen: 18.444 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion:117 Resp: 45410
Ion Ratio Lower Upper
117 100
119 92.8 78.0 117.0
121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 17.761 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

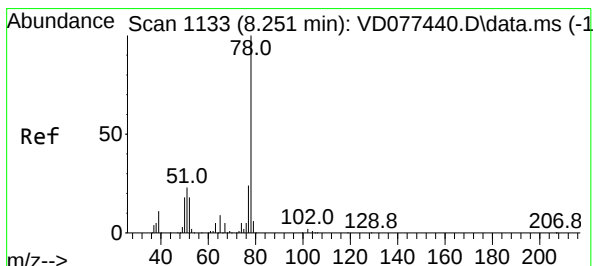
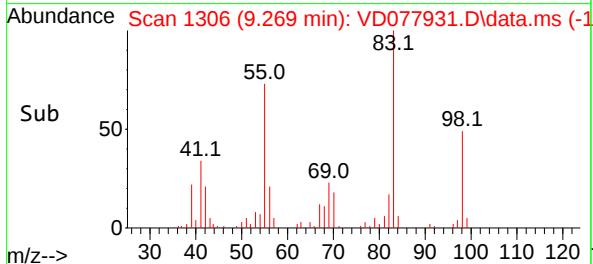
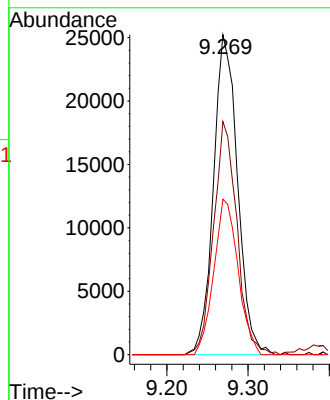
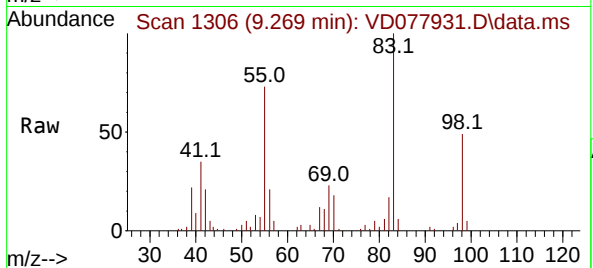
Tgt Ion: 83 Resp: 5199

Ion	Ratio	Lower	Upper
83	100		
55	72.8	49.4	74.0
98	48.6	38.4	57.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40

Benzene

Concen: 18.554 ug/l

RT: 8.251 min Scan# 1133

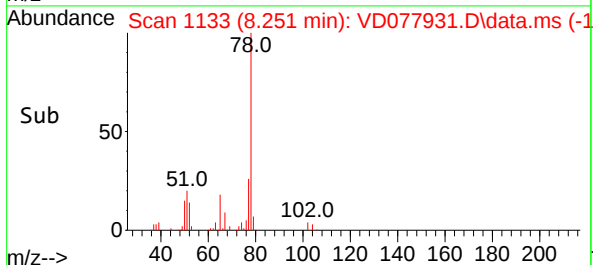
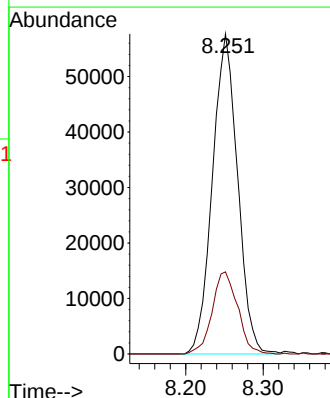
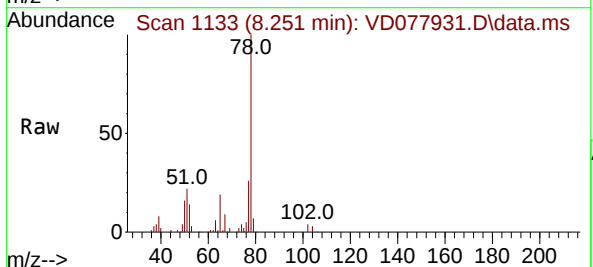
Delta R.T. 0.000 min

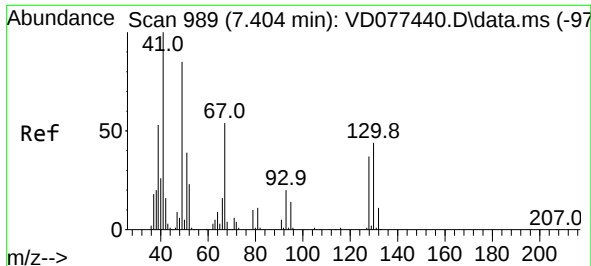
Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Tgt Ion: 78 Resp: 130054

Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.4	29.0





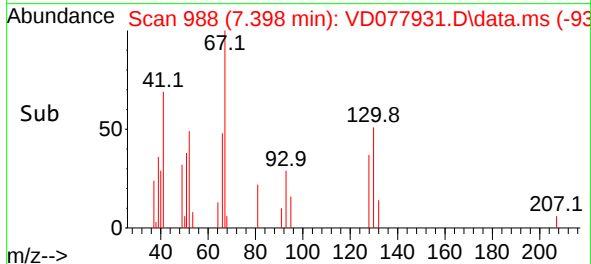
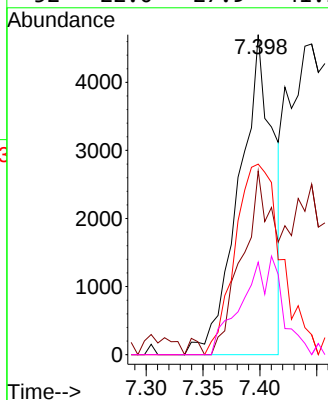
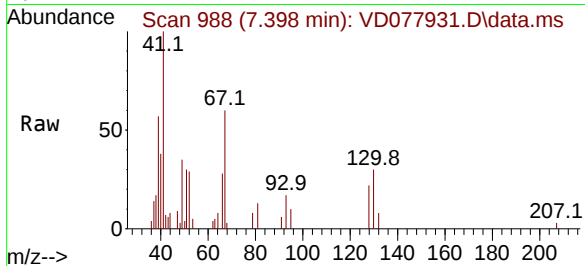
#41
Methacrylonitrile
Concen: 20.153 ug/l
RT: 7.398 min Scan# 986
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

Tgt Ion: 41 Resp: 9864
Ion Ratio Lower Upper
41 100
39 52.6 34.0 51.0
67 80.8 77.0 115.4
52 22.0 27.9 41.9#

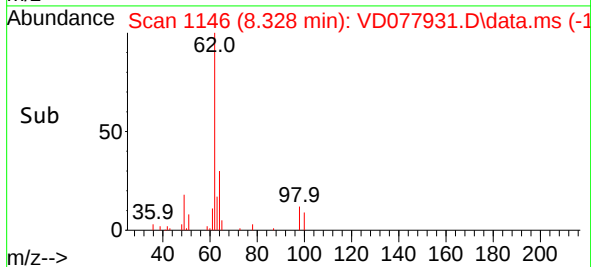
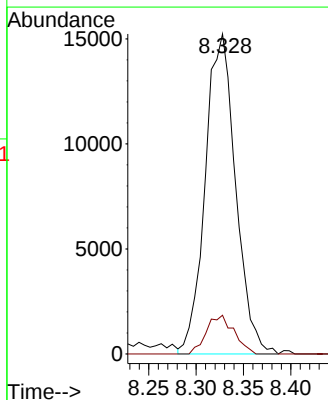
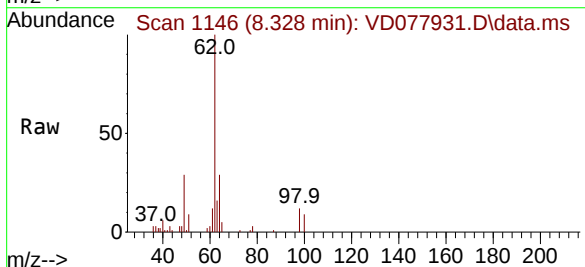
Manual Integrations
APPROVED

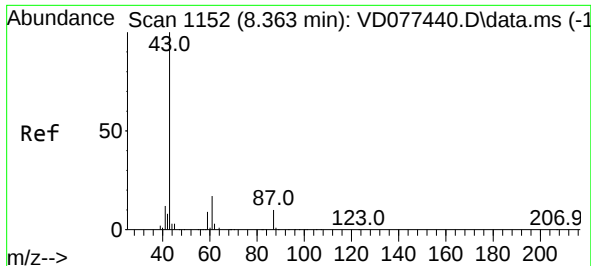
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 18.725 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

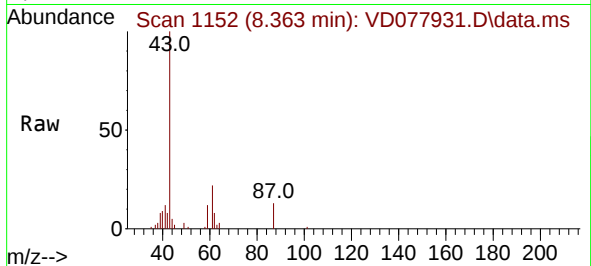
Tgt Ion: 62 Resp: 34022
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4





#43
Isopropyl Acetate
Concen: 18.052 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

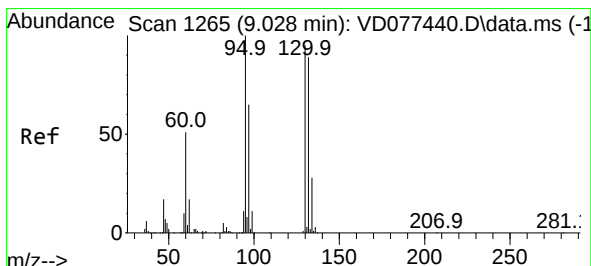
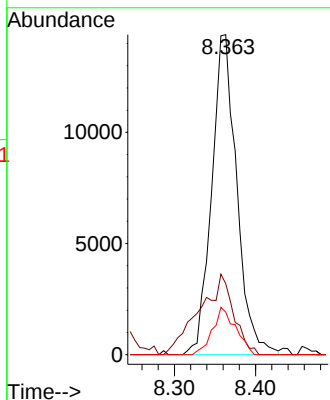
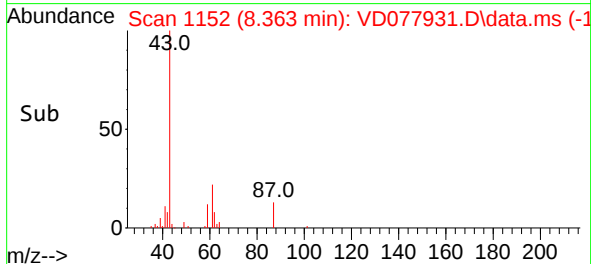
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



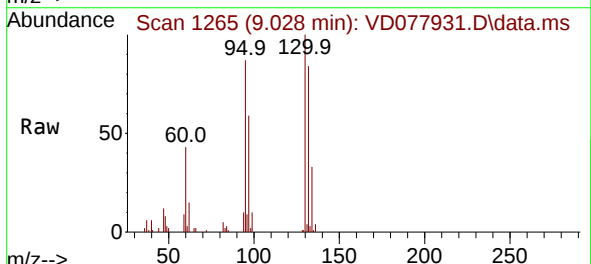
Tgt Ion: 43 Resp: 3090
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 13.5 14.9 22.3

Manual Integrations
APPROVED

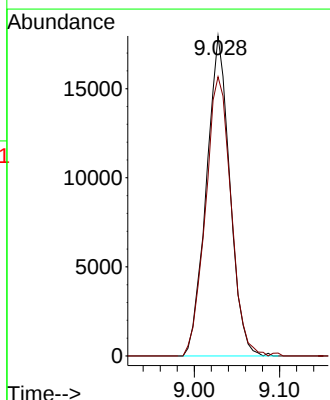
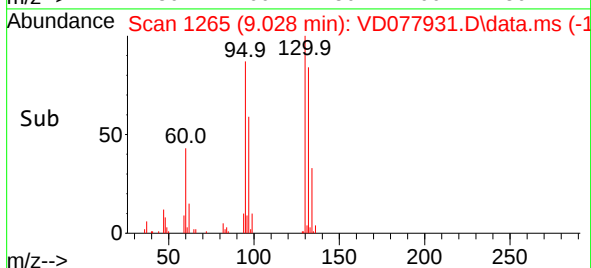
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

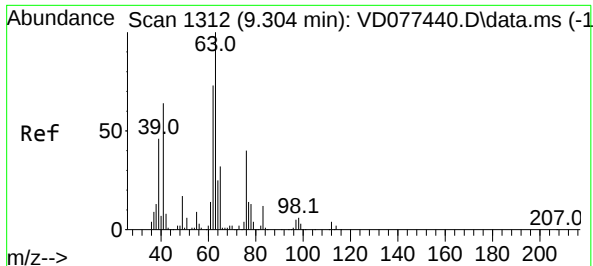


#44
Trichloroethene
Concen: 18.832 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



Tgt Ion:130 Resp: 34400
Ion Ratio Lower Upper
130 100
95 87.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.792 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 63 Resp: 3202

Ion Ratio Lower Upper

63 100

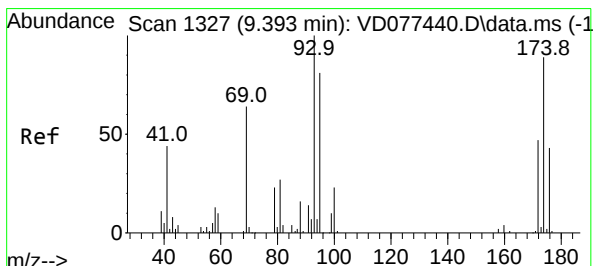
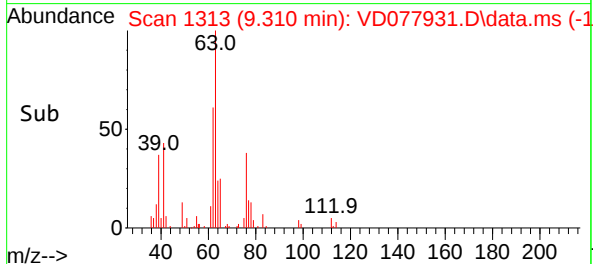
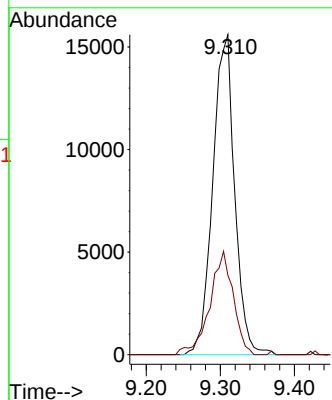
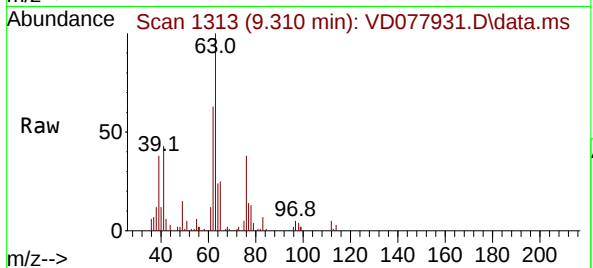
65 24.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 19.262 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

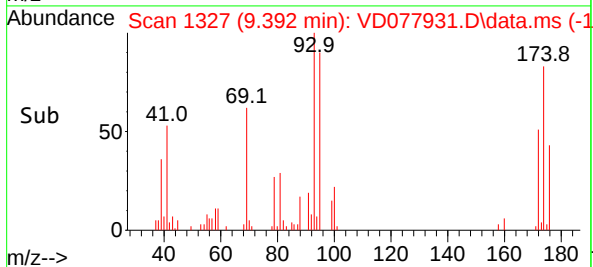
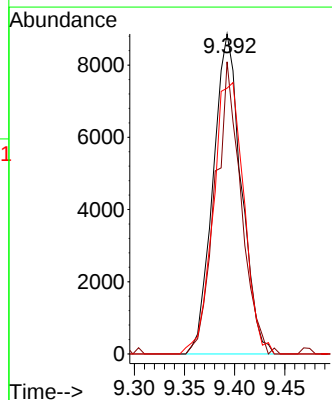
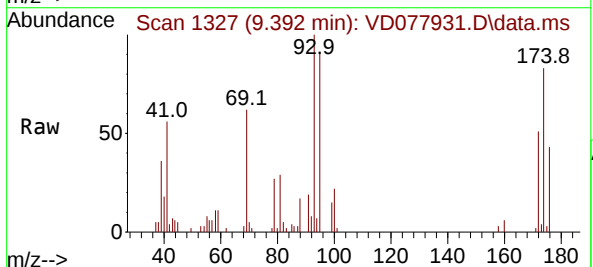
Tgt Ion: 93 Resp: 17367

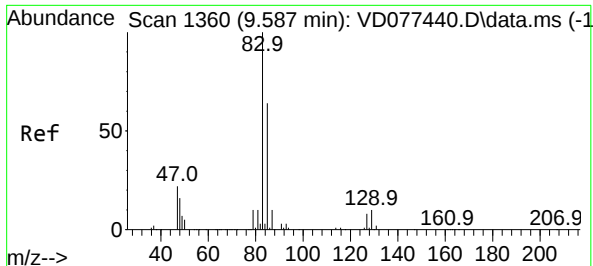
Ion Ratio Lower Upper

93 100

95 83.4 67.7 101.5

174 92.5 85.4 128.2





#47

Bromodichloromethane

Concen: 19.639 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

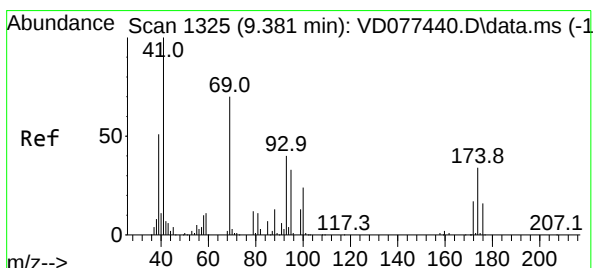
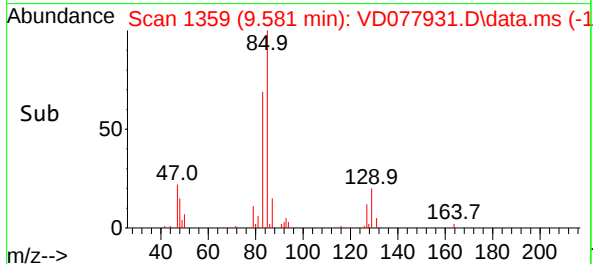
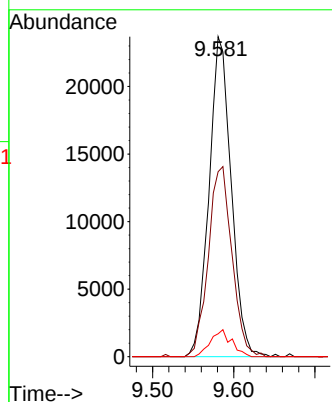
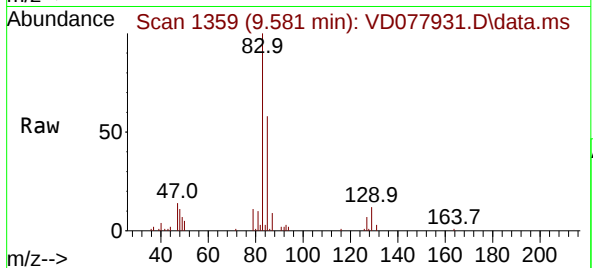
VD1216SBS01

Tgt Ion:	83	Resp:	44880
Ion Ratio	Lower	Upper	
83	100		
85	57.8	50.2	75.4
127	7.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48

Methyl methacrylate

Concen: 17.359 ug/l

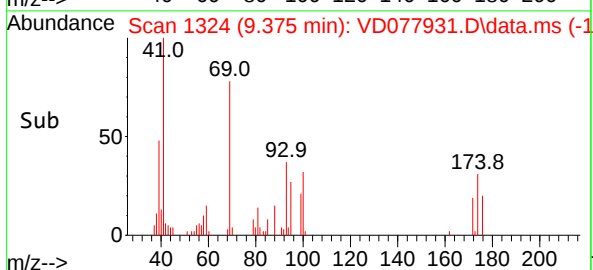
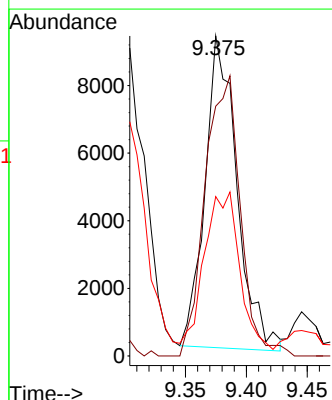
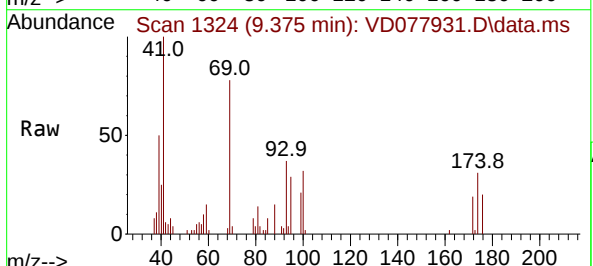
RT: 9.375 min Scan# 1324

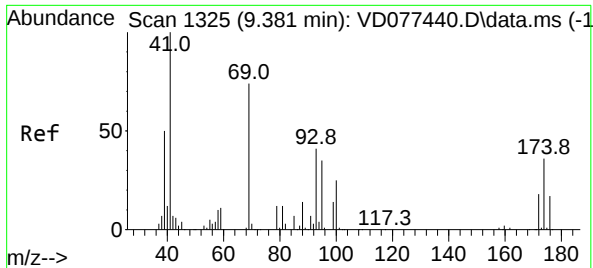
Delta R.T. -0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Tgt Ion:	41	Resp:	16892
Ion Ratio	Lower	Upper	
41	100		
69	98.8	102.2	153.2
39	54.8	41.4	62.2





#49

1,4-Dioxane

Concen: 415.186 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBSD01

Tgt Ion: 88 Resp: 371

Ion Ratio Lower Upper

88 100

43 39.3 19.0 28.6

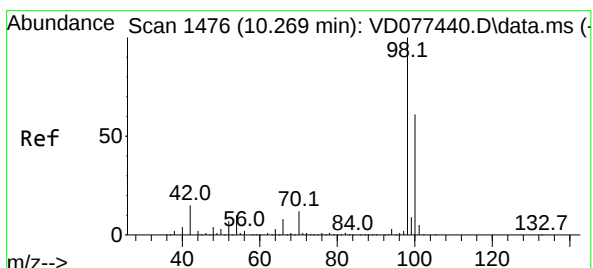
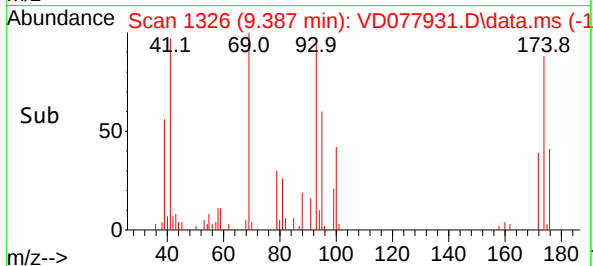
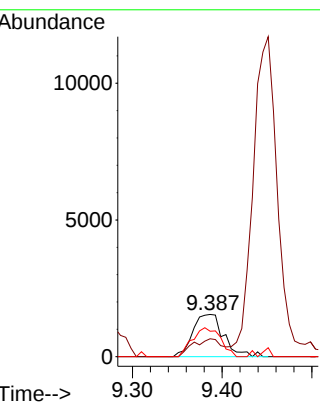
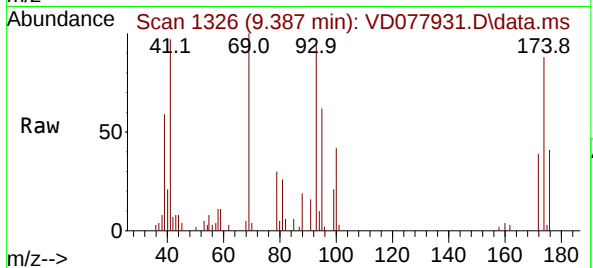
58 62.1 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 44.711 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077931.D

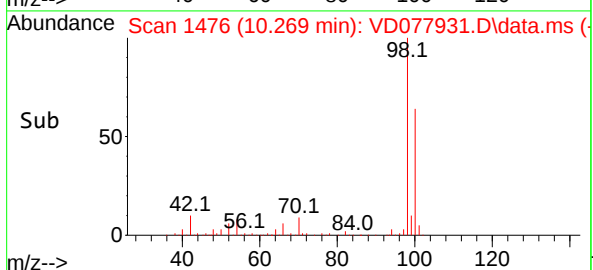
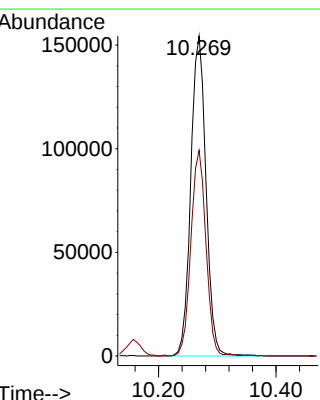
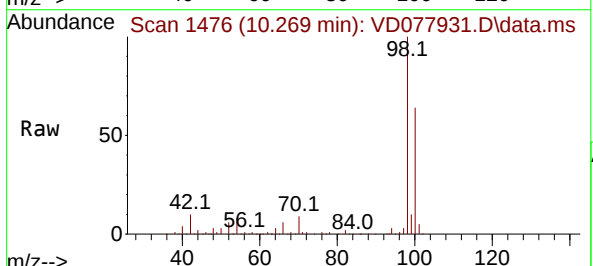
Acq: 16 Dec 2023 13:44

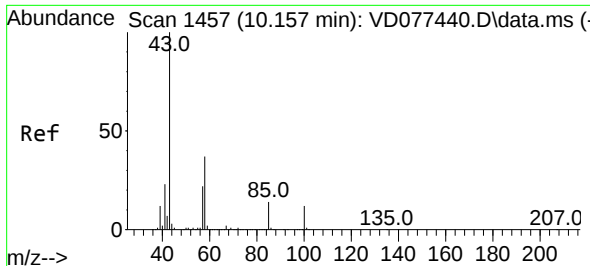
Tgt Ion: 98 Resp: 276484

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5





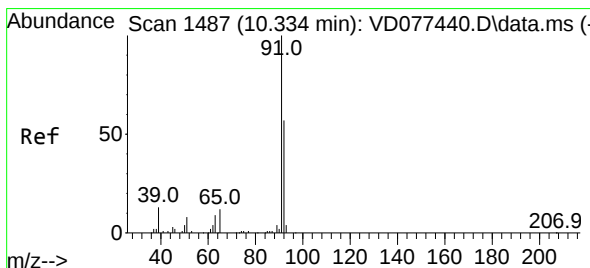
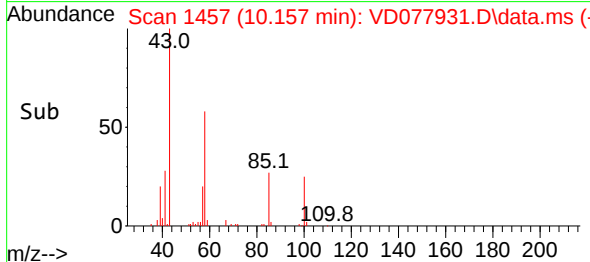
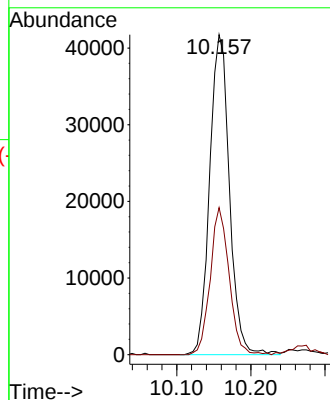
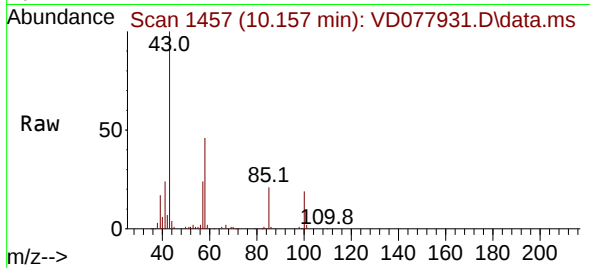
#51
4-Methyl-2-Pentanone
Concen: 88.435 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01

Tgt Ion: 43 Resp: 7726
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3

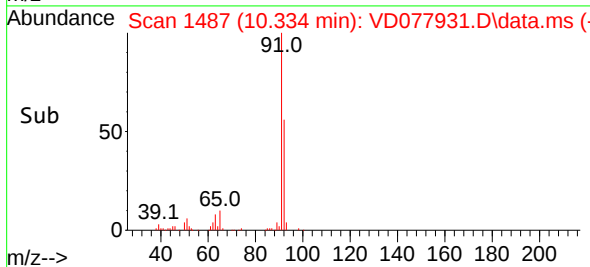
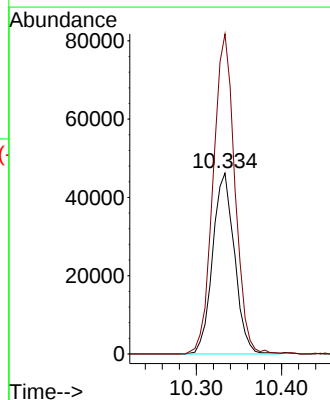
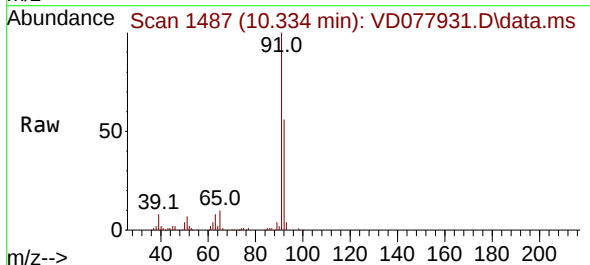
Manual Integrations
APPROVED

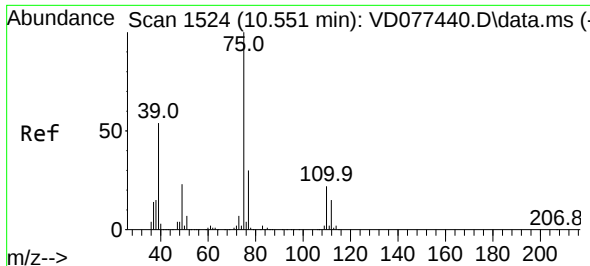
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 18.902 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

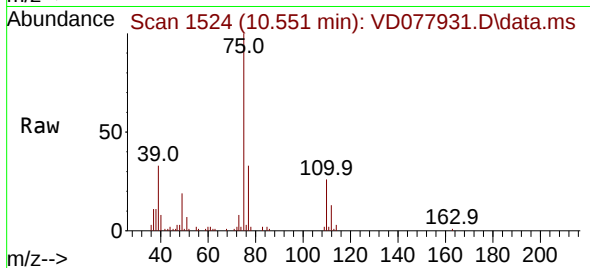
Tgt Ion: 92 Resp: 82187
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 18.943 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

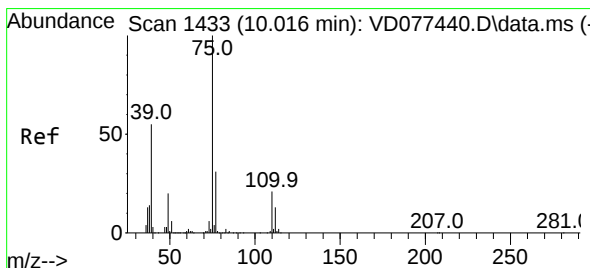
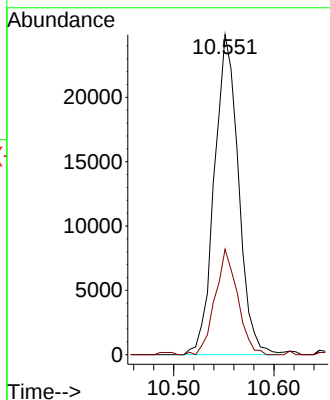
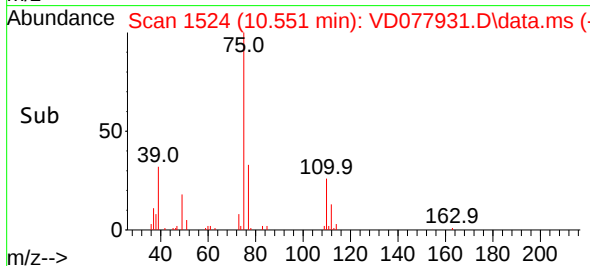
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



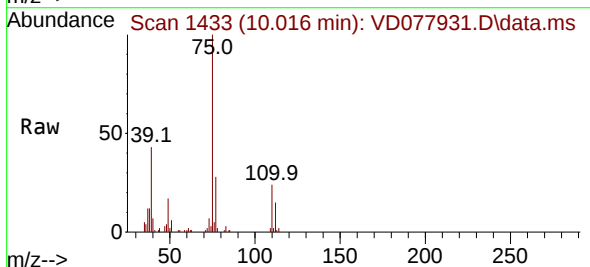
Tgt Ion: 75 Resp: 41570
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9

Manual Integrations
APPROVED

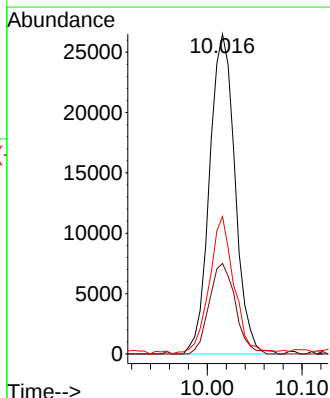
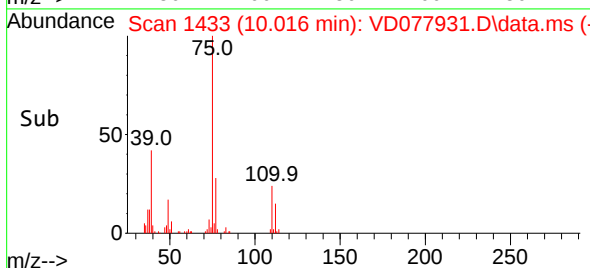
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

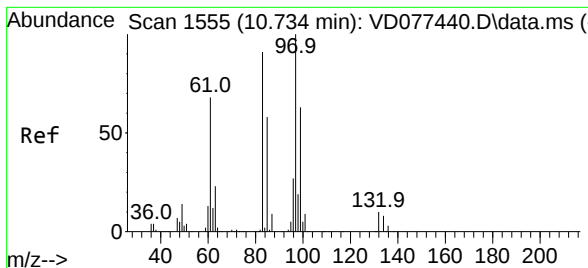


#54
cis-1,3-Dichloropropene
Concen: 18.637 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



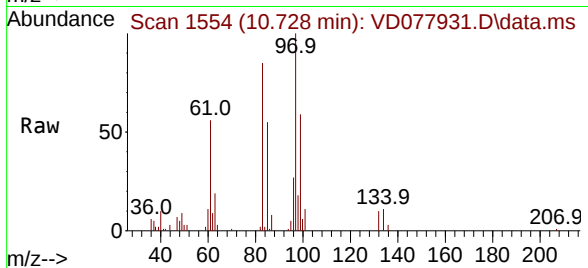
Tgt Ion: 75 Resp: 49449
Ion Ratio Lower Upper
75 100
77 28.3 25.5 38.3
39 42.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.565 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

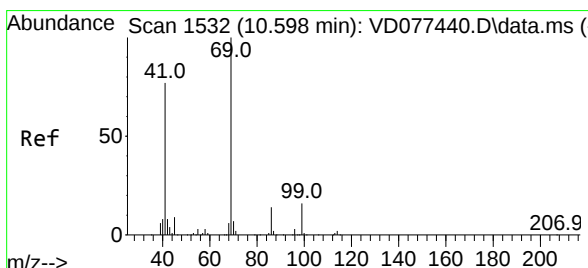
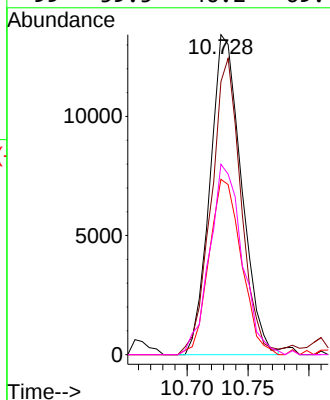
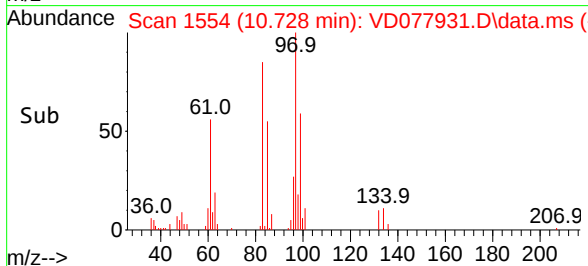
Instrument : MSVOA_D
ClientSampleId : VD1216SBS01



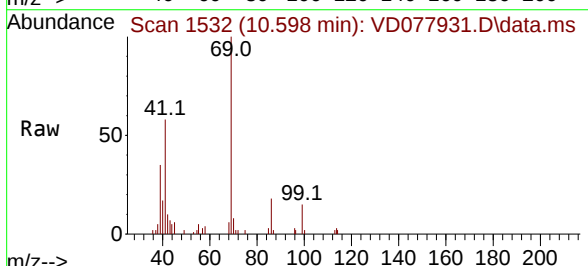
Tgt Ion:	97	Resp:	24129
Ion Ratio	Lower	Upper	
97	100		
83	85.3	65.8	98.6
85	54.8	45.7	68.5
99	59.5	46.2	69.4

Manual Integrations
APPROVED

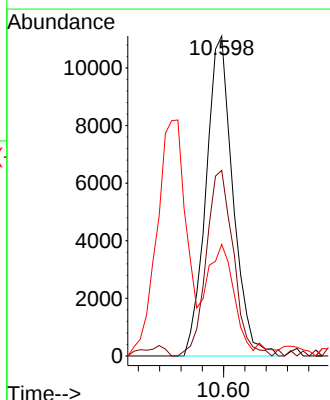
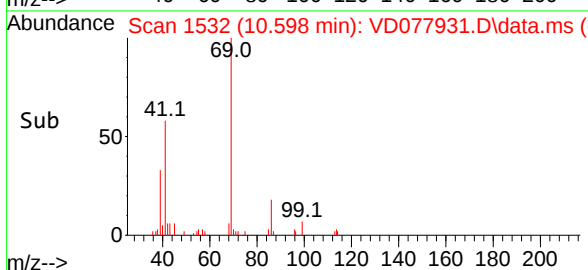
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

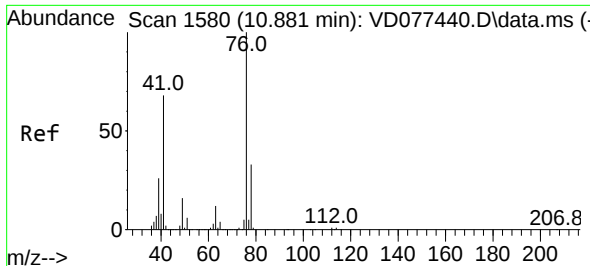


#56
Ethyl methacrylate
Concen: 17.947 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



Tgt Ion:	69	Resp:	19511
Ion Ratio	Lower	Upper	
69	100		
41	58.4	39.1	58.7
39	35.7	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.181 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 76 Resp: 40774

Ion Ratio Lower Upper

76 100

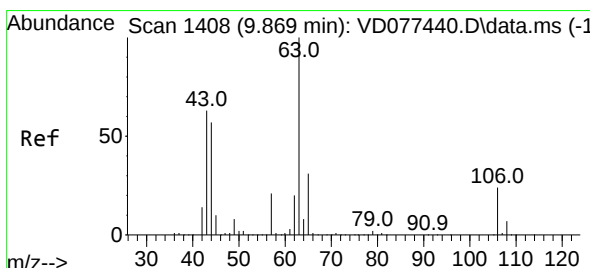
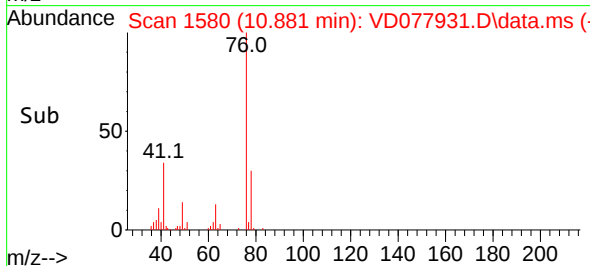
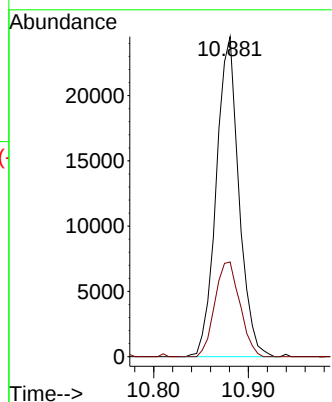
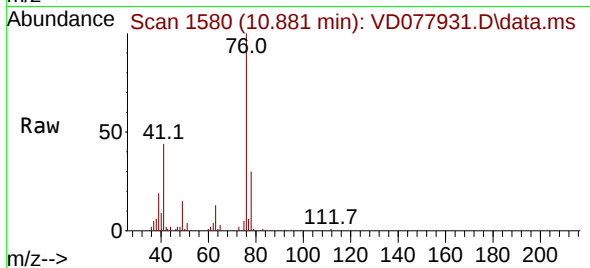
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.570 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077931.D

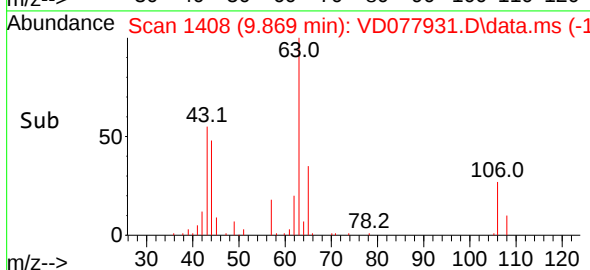
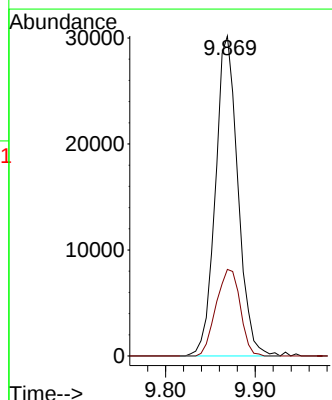
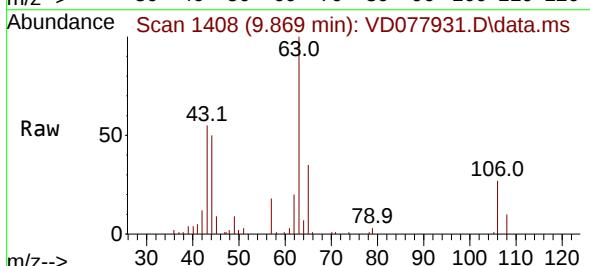
Acq: 16 Dec 2023 13:44

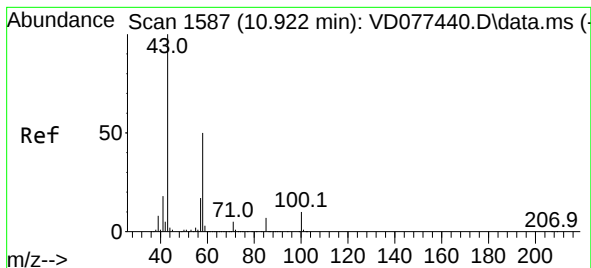
Tgt Ion: 63 Resp: 52431

Ion Ratio Lower Upper

63 100

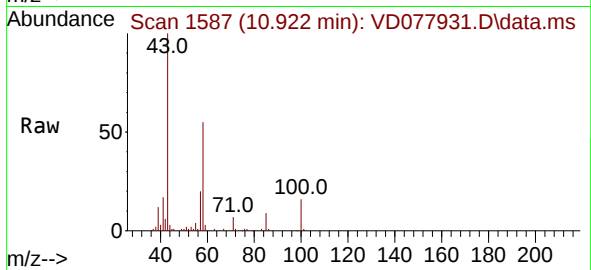
106 29.0 25.3 37.9





#59
2-Hexanone
Concen: 92.960 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

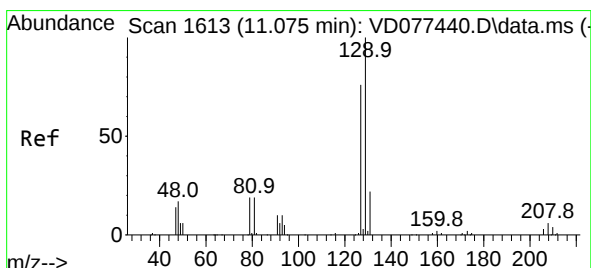
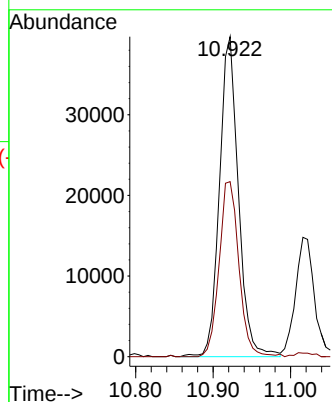
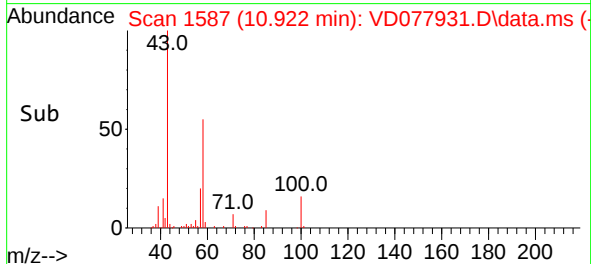
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 43 Resp: 67379
Ion Ratio Lower Upper
43 100
58 57.2 34.1 102.2

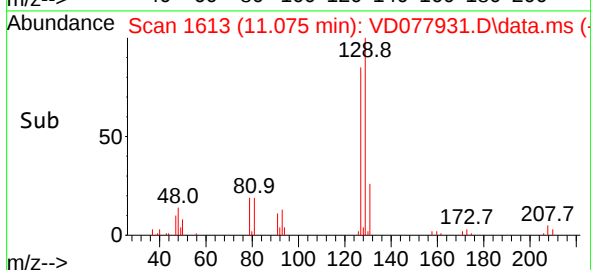
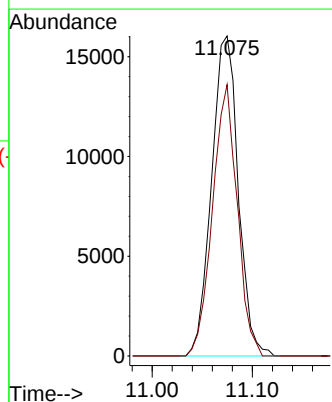
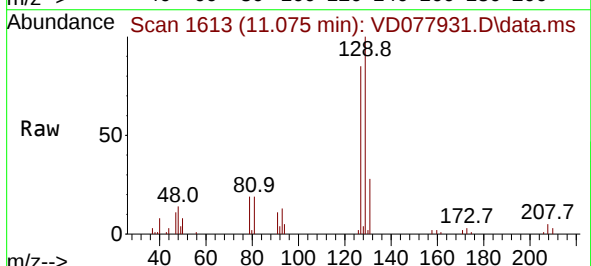
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 19.955 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

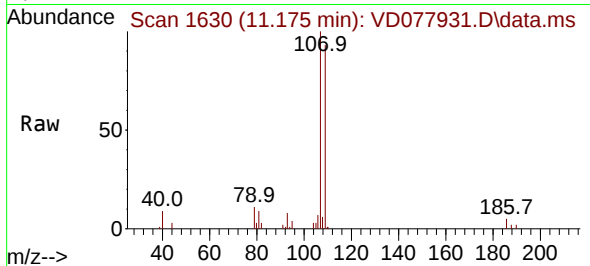
Tgt Ion:129 Resp: 29630
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.438 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

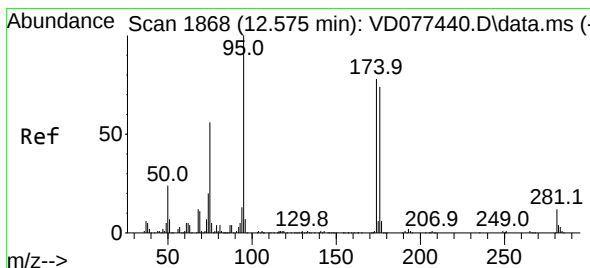
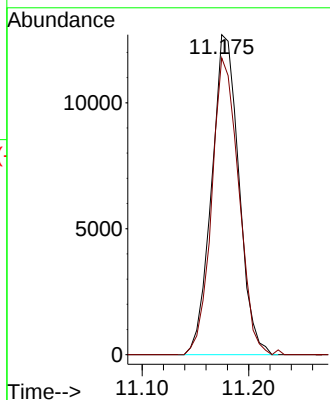
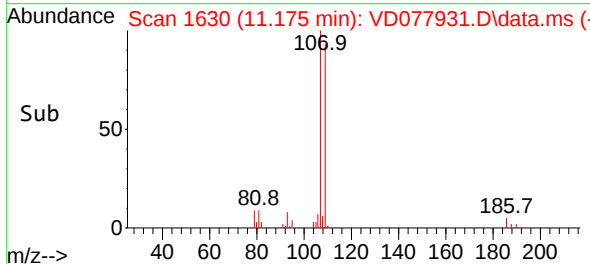
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



Tgt Ion:107 Resp: 2256
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4

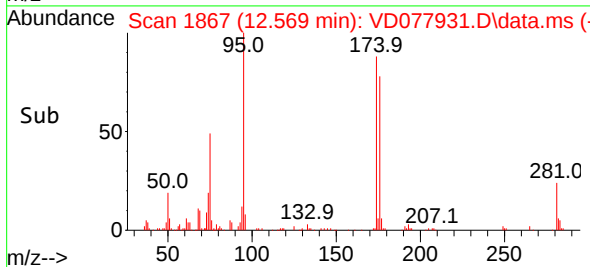
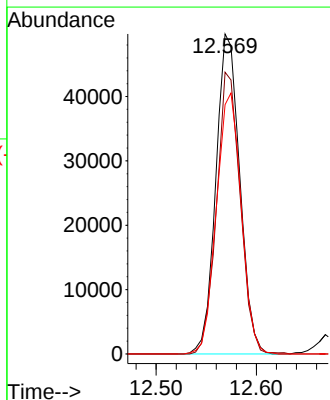
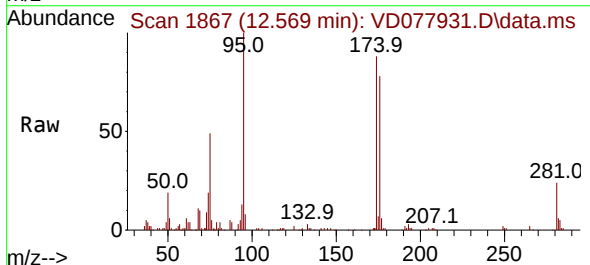
Manual Integrations
APPROVED

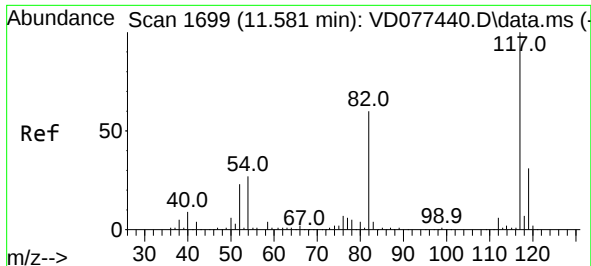
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#62
4-Bromofluorobenzene
Concen: 44.498 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

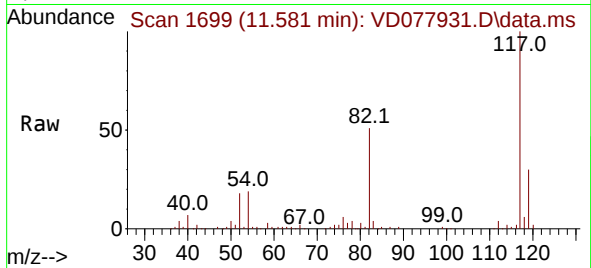
Tgt Ion: 95 Resp: 82268
Ion Ratio Lower Upper
95 100
174 86.9 0.0 201.8
176 84.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

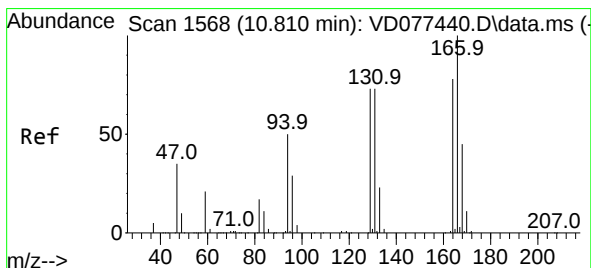
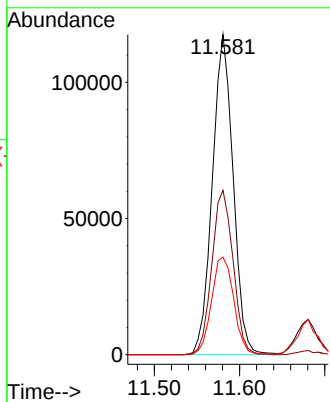
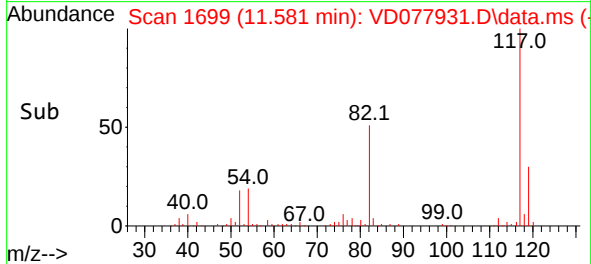
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



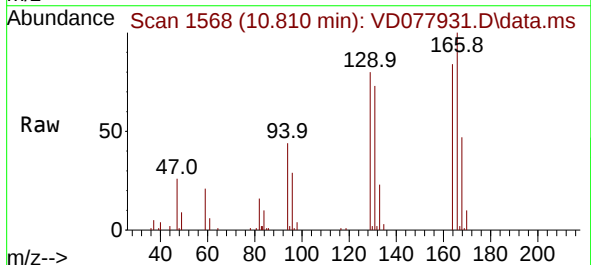
Tgt Ion:117 Resp: 199650
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 30.4 25.0 37.4

Manual Integrations
APPROVED

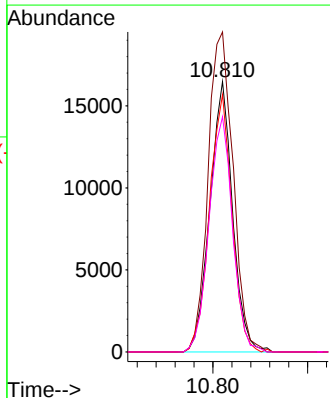
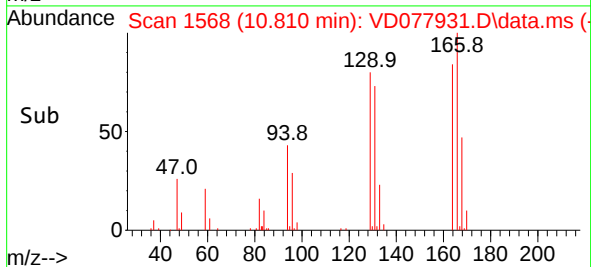
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

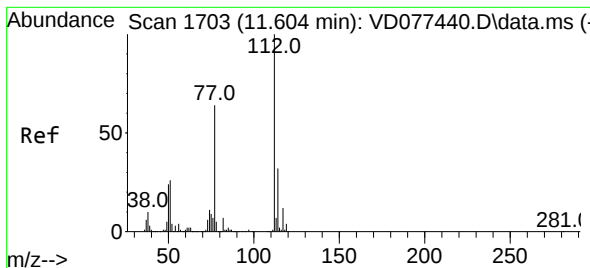


#64
Tetrachloroethene
Concen: 18.695 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



Tgt Ion:164 Resp: 27434
Ion Ratio Lower Upper
164 100
166 118.3 99.2 148.8
129 95.2 68.4 102.6
131 87.0 63.8 95.8





#65

Chlorobenzene

Concen: 17.895 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion:112 Resp: 89838

Ion Ratio Lower Upper

112 100

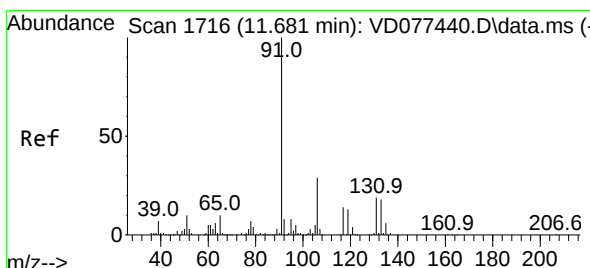
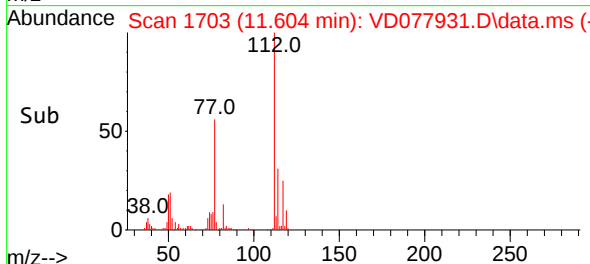
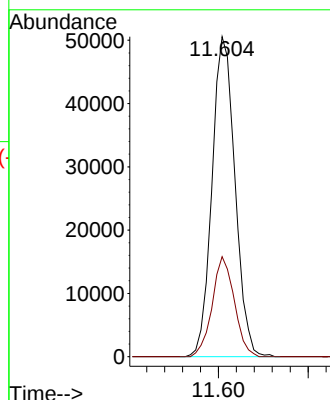
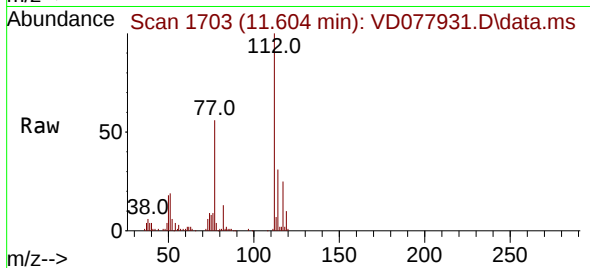
114 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 18.618 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

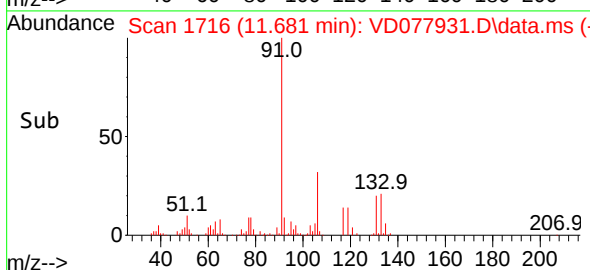
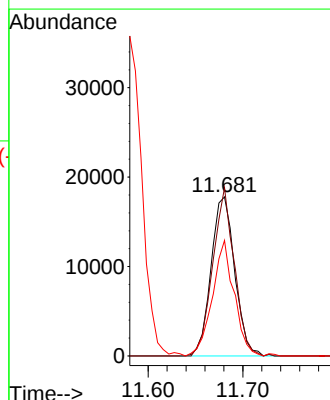
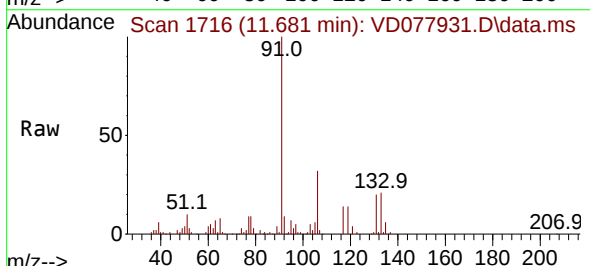
Tgt Ion:131 Resp: 30911

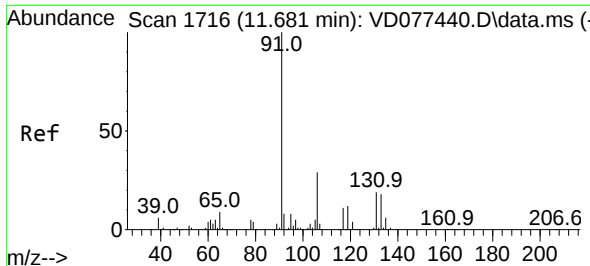
Ion Ratio Lower Upper

131 100

133 96.4 48.5 145.5

119 66.6 35.6 106.9





#67

Ethyl Benzene

Concen: 17.996 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 91 Resp: 149588

Ion Ratio Lower Upper

91 100

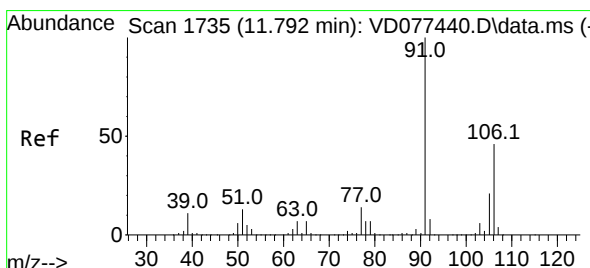
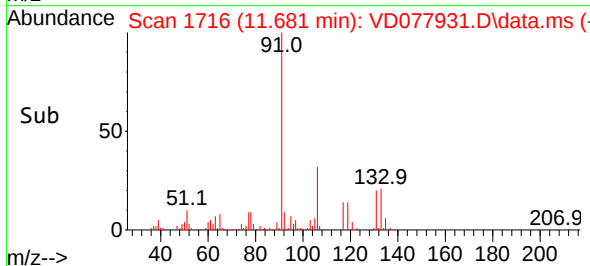
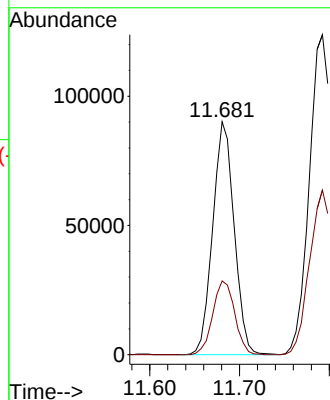
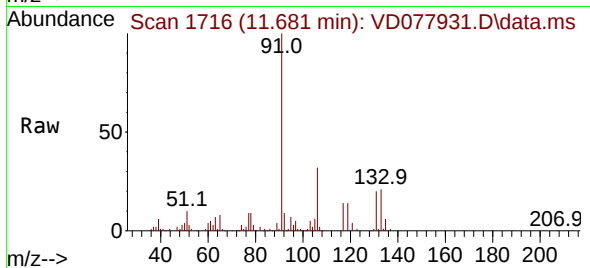
106 31.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#68

m/p-Xylenes

Concen: 37.648 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077931.D

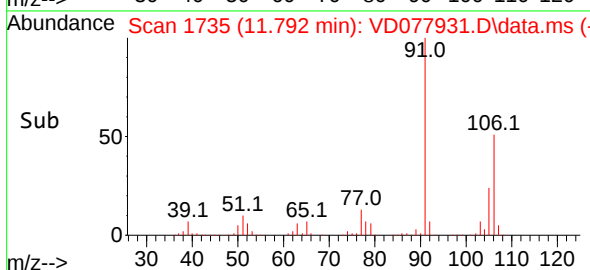
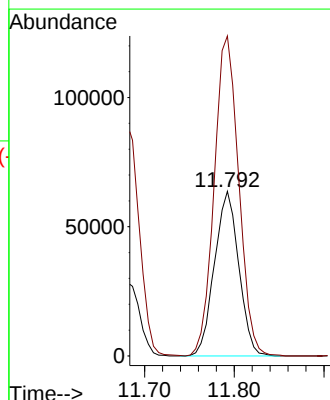
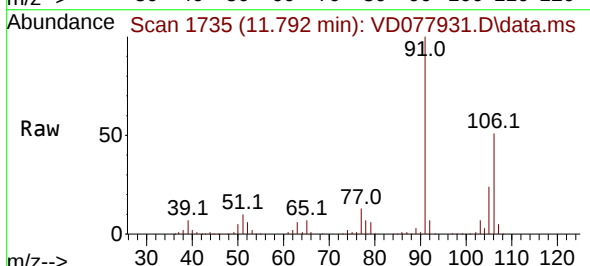
Acq: 16 Dec 2023 13:44

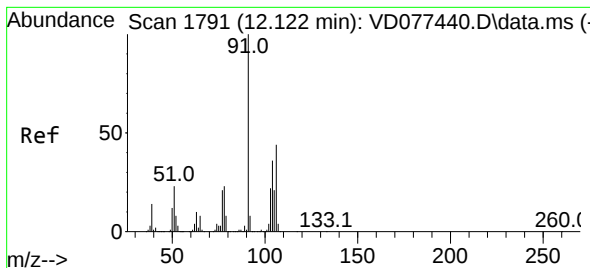
Tgt Ion:106 Resp: 119703

Ion Ratio Lower Upper

106 100

91 196.1 147.0 220.6





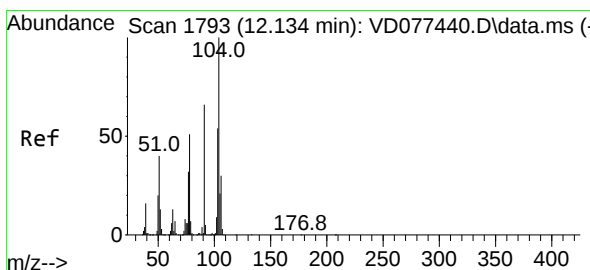
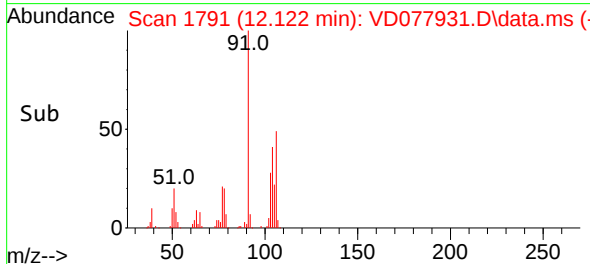
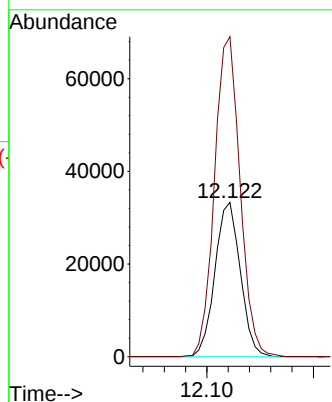
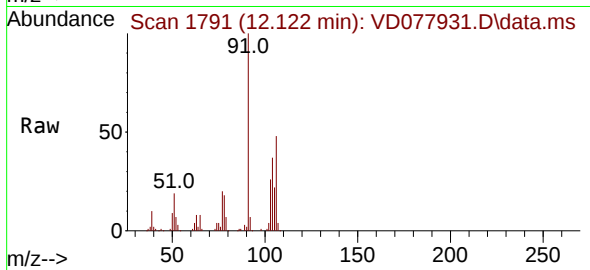
#69
o-Xylene
Concen: 18.766 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:106 Resp: 54989
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6

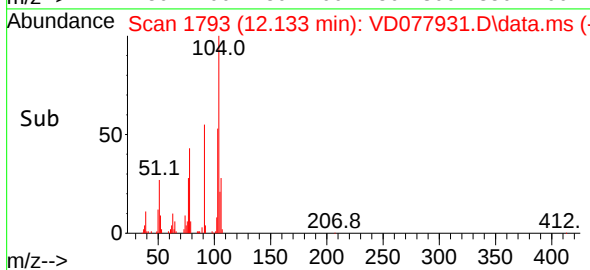
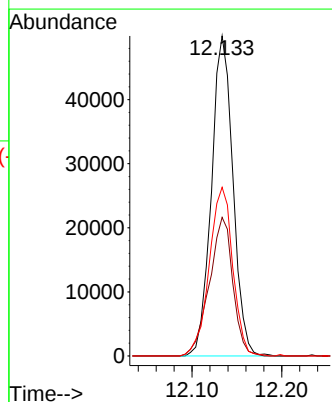
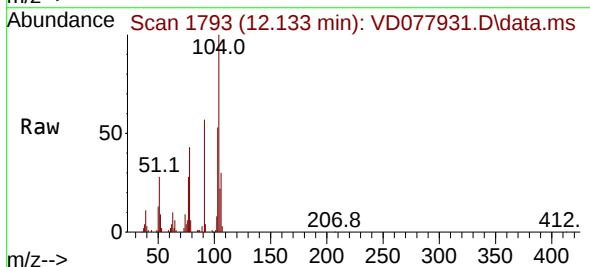
Manual Integrations
APPROVED

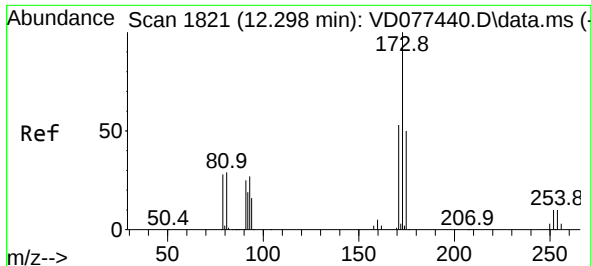
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 19.119 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

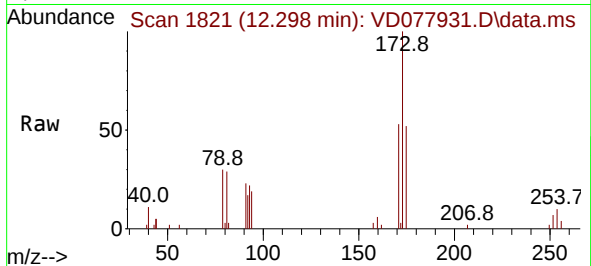
Tgt Ion:104 Resp: 83307
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 57.4 43.6 65.4





#71
Bromoform
Concen: 19.170 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

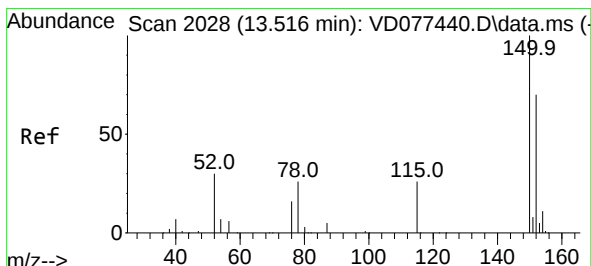
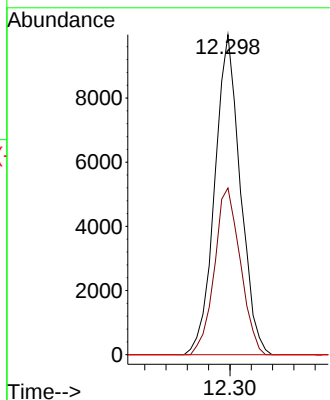
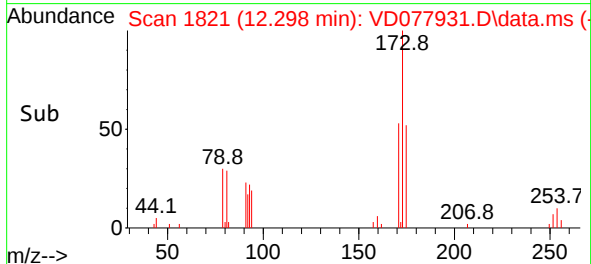
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



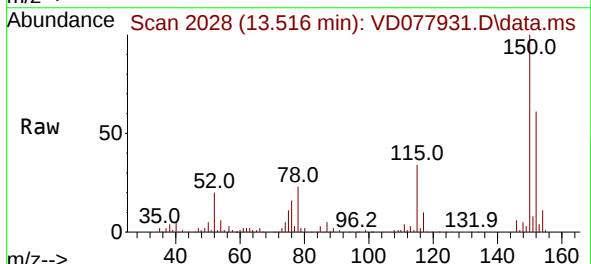
Tgt Ion:173 Resp: 16630
Ion Ratio Lower Upper
173 100
175 52.6 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

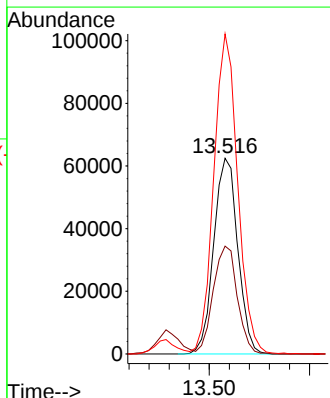
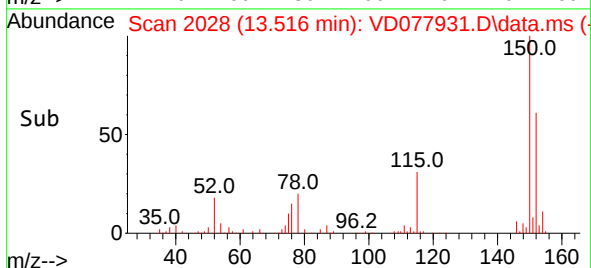
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

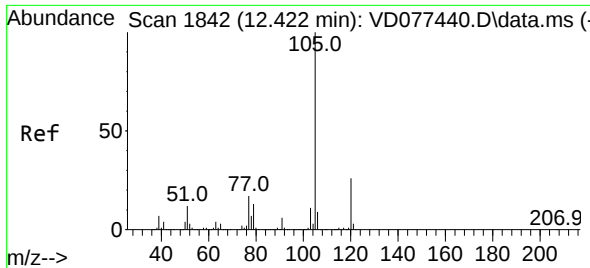


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



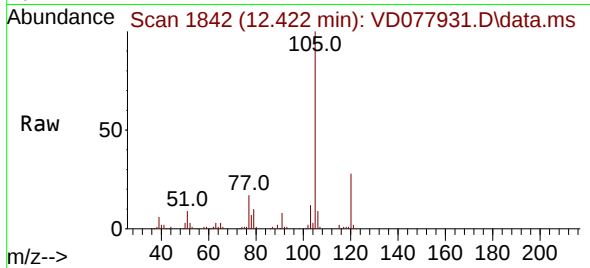
Tgt Ion:152 Resp: 103691
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 162.7 0.0 353.6





#73
Isopropylbenzene
Concen: 18.694 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

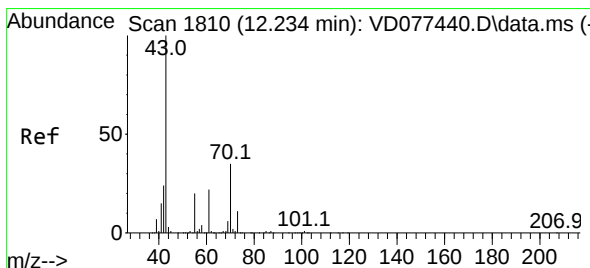
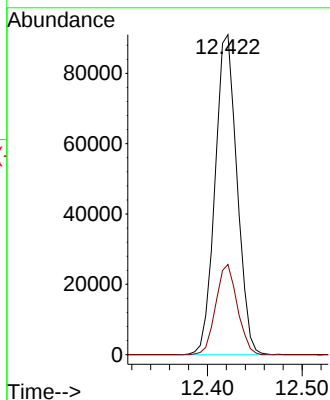
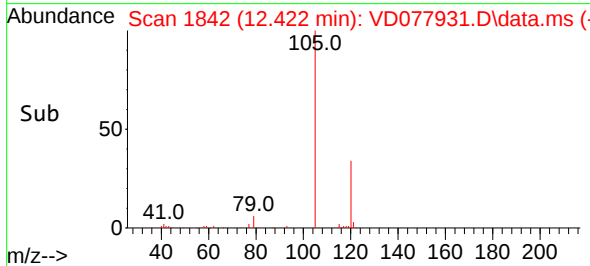
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



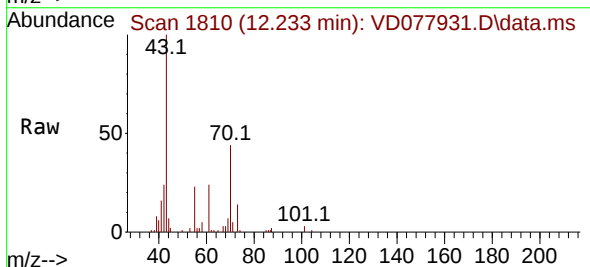
Tgt Ion:105 Resp: 146910
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9

Manual Integrations
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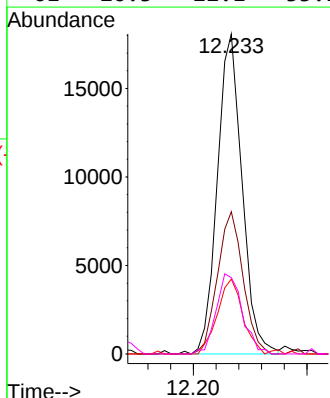
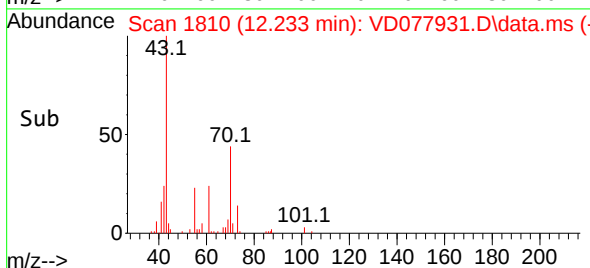
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

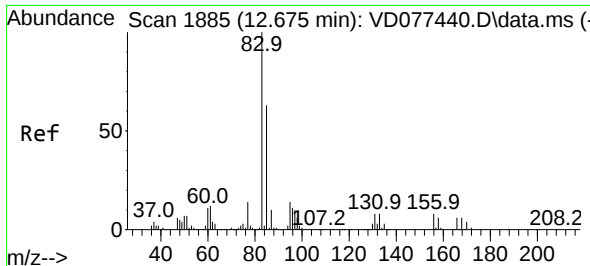


#74
N-ethyl acetate
Concen: 17.704 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



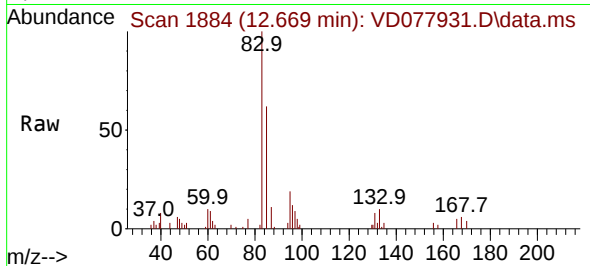
Tgt Ion: 43 Resp: 27350
Ion Ratio Lower Upper
43 100
70 45.9 45.0 67.4
55 24.1 23.8 35.6
61 26.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.856 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

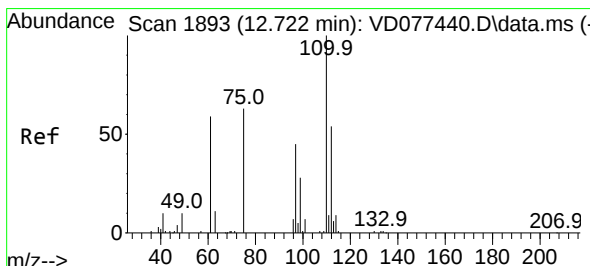
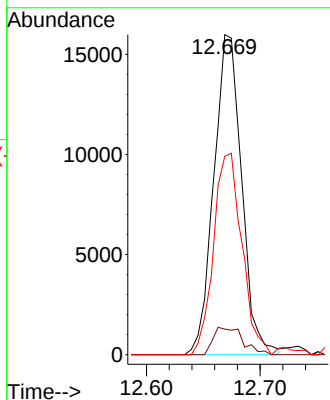
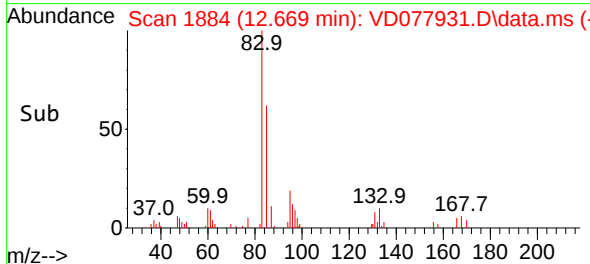
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



Tgt Ion: 83 Resp: 27209
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.0 32.6 97.8

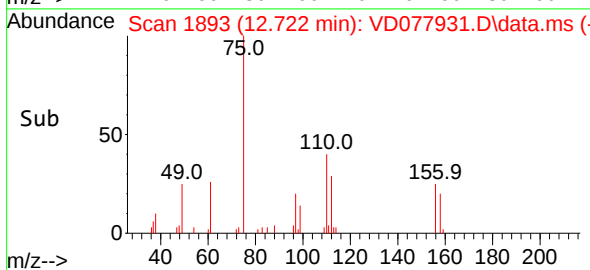
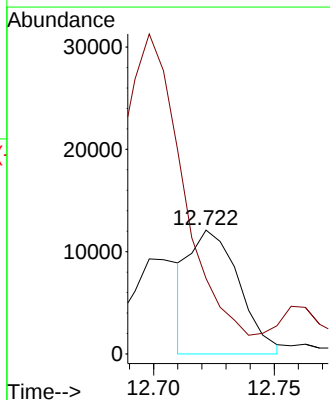
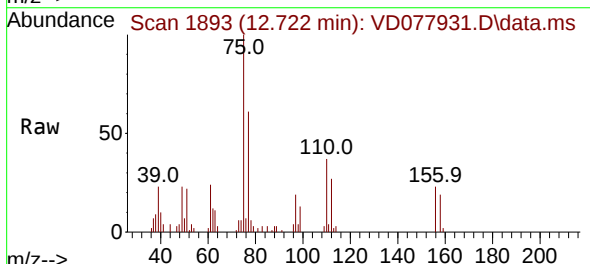
Manual Integrations
APPROVED

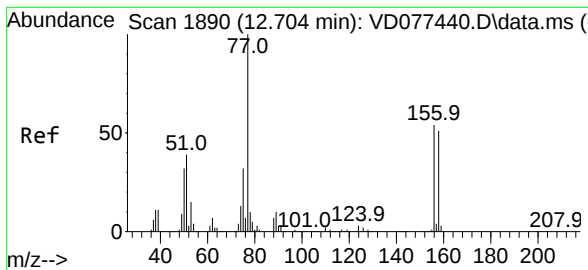
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76
1,2,3-Trichloropropane
Concen: 19.007 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

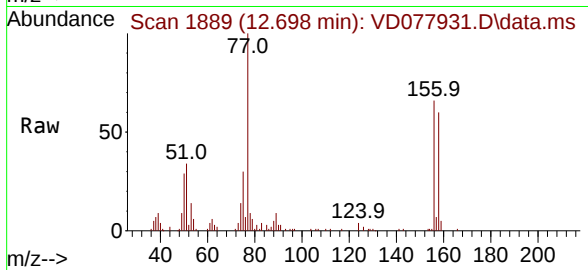
Tgt Ion: 75 Resp: 17117
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.689 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

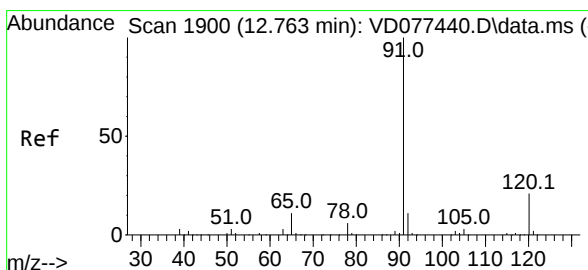
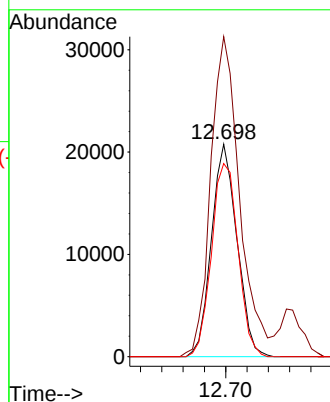
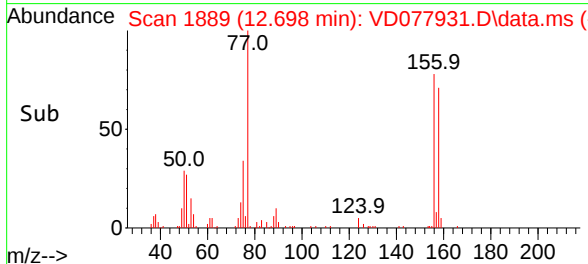
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



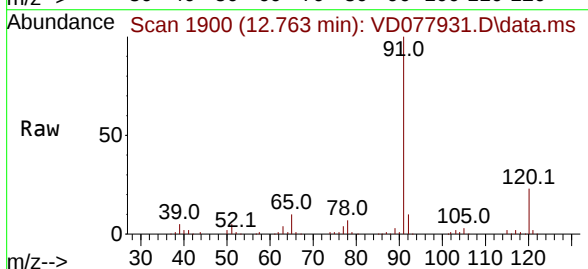
Tgt Ion:156 Resp: 34540
Ion Ratio Lower Upper
156 100
77 169.8 76.8 230.4
158 94.4 48.6 145.9

Manual Integrations
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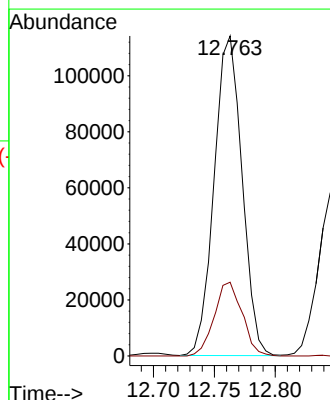
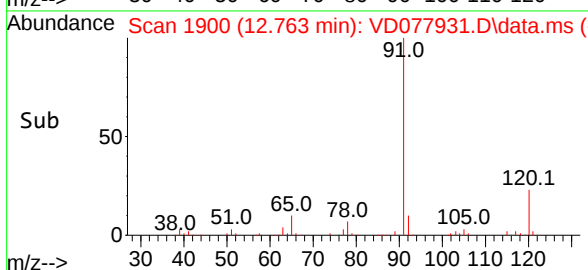
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

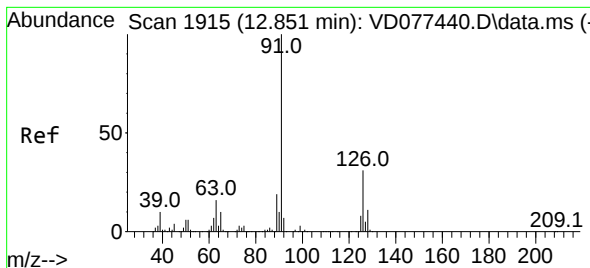


#78
n-propylbenzene
Concen: 18.966 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



Tgt Ion: 91 Resp: 181624
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





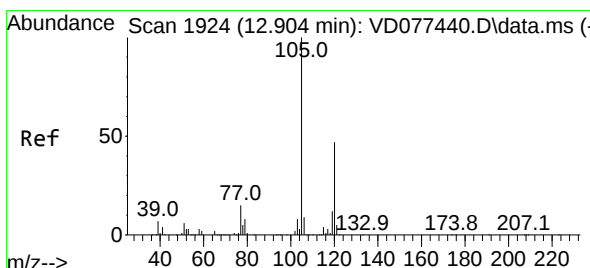
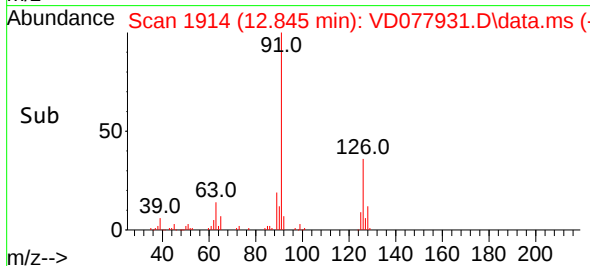
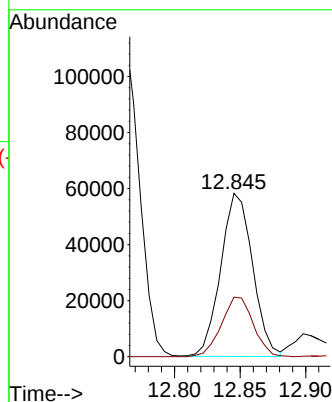
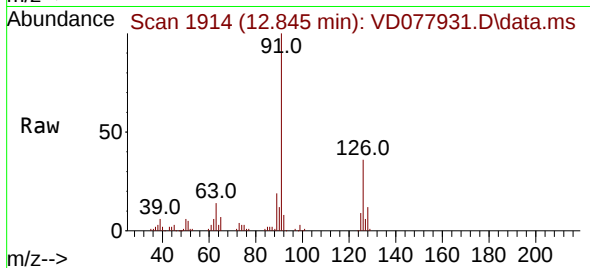
#79
2-Chlorotoluene
Concen: 19.186 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 91 Resp: 98462
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1

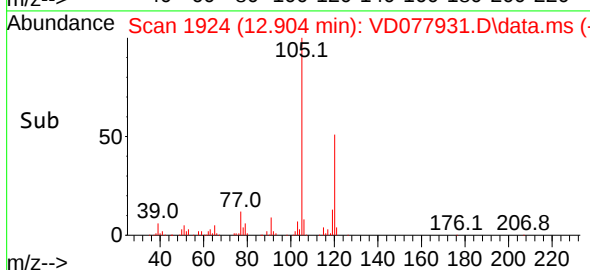
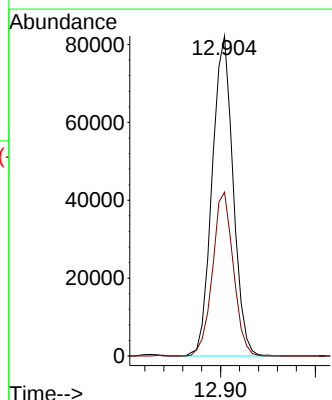
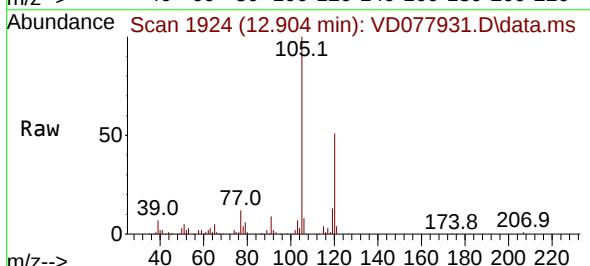
Manual Integrations
APPROVED

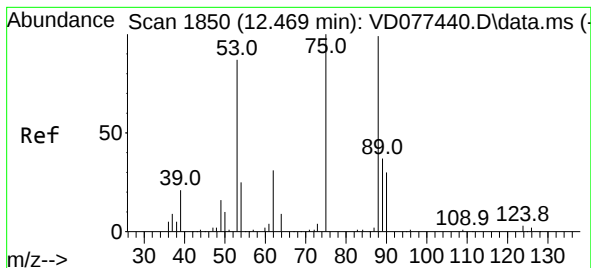
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.221 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

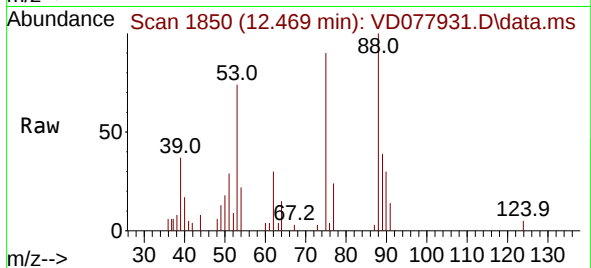
Tgt Ion:105 Resp: 125988
Ion Ratio Lower Upper
105 100
120 51.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.497 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

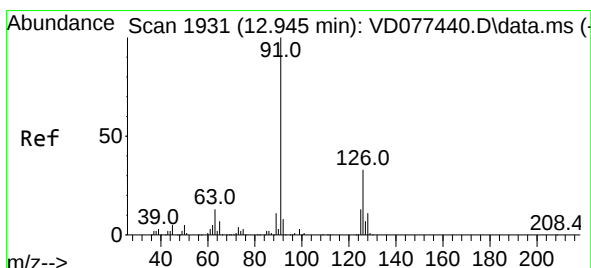
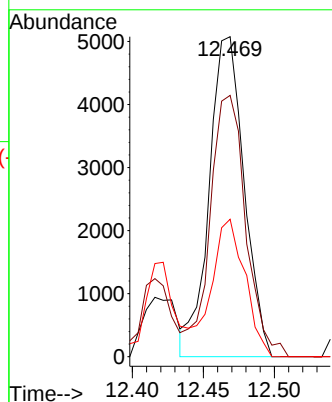
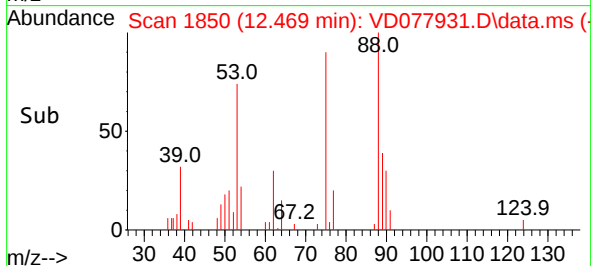
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBSD01



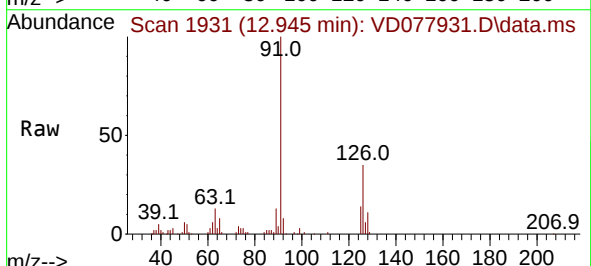
Tgt Ion: 75 Resp: 866
Ion Ratio Lower Upper
75 100
53 83.8 63.0 94.4
89 41.4 37.9 56.9

Manual Integrations
APPROVED

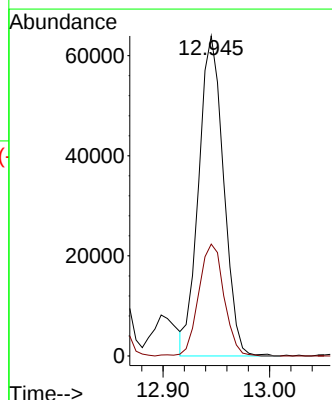
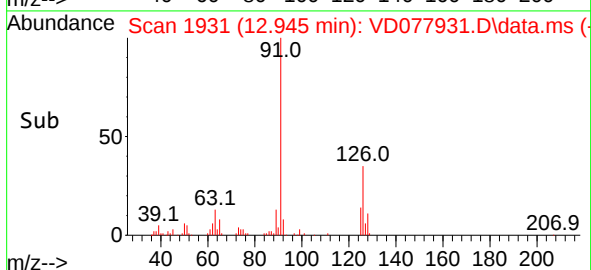
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

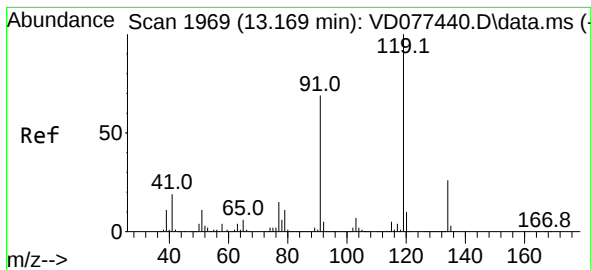


#82
4-Chlorotoluene
Concen: 19.392 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44



Tgt Ion: 91 Resp: 104040
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4





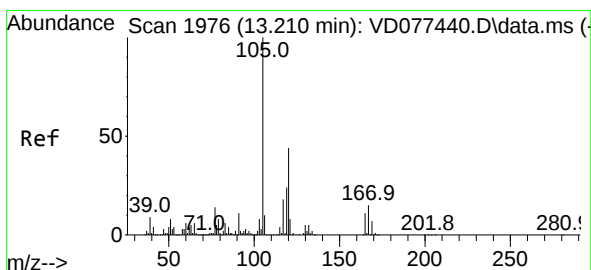
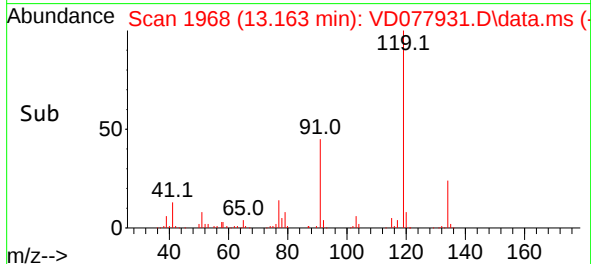
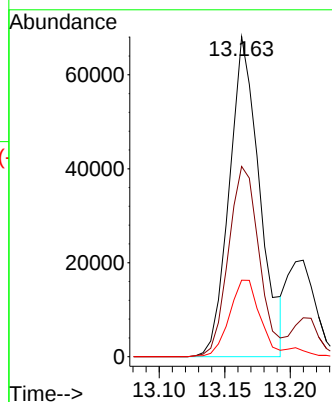
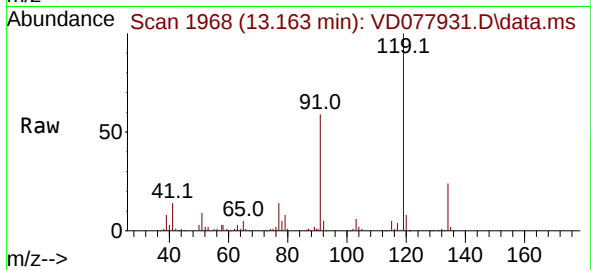
#83
tert-Butylbenzene
Concen: 19.824 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:119 Resp: 109700
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 26.0 14.1 42.3

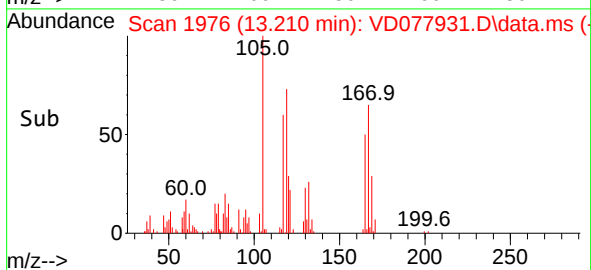
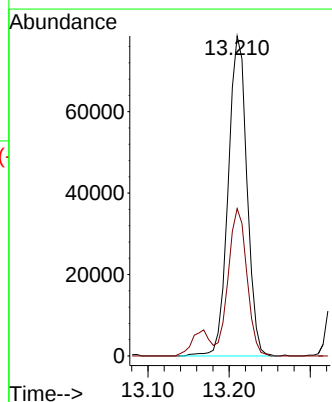
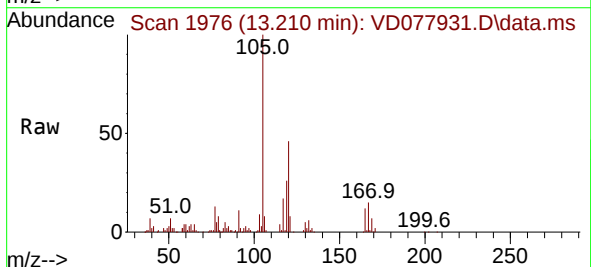
Manual Integrations
APPROVED

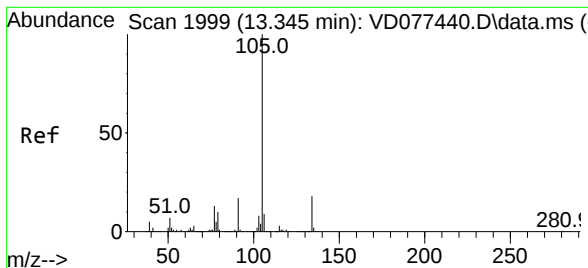
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.196 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

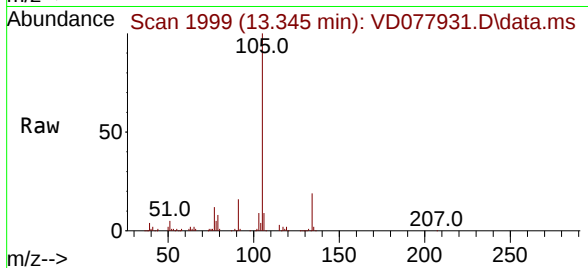
Tgt Ion:105 Resp: 125843
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 19.150 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077931.D
 Acq: 16 Dec 2023 13:44

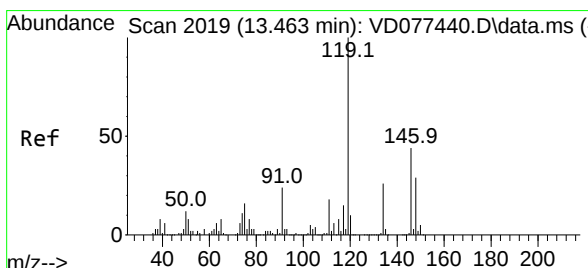
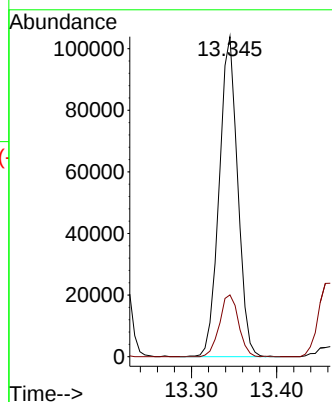
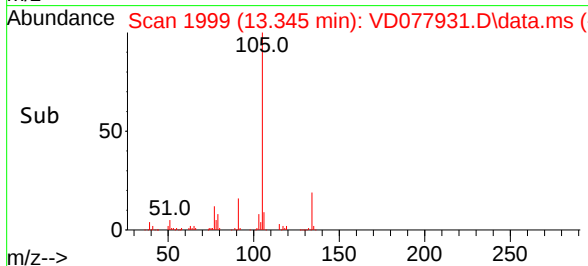
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01



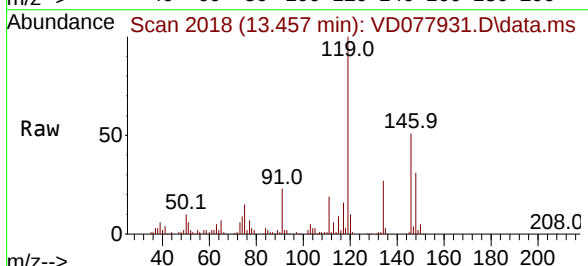
Tgt Ion:105 Resp: 156639
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

Manual Integrations
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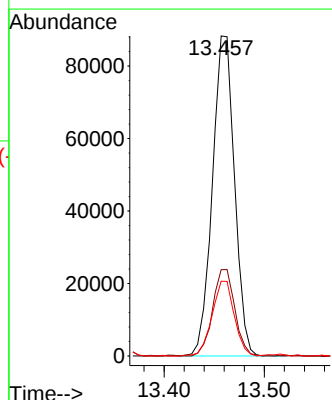
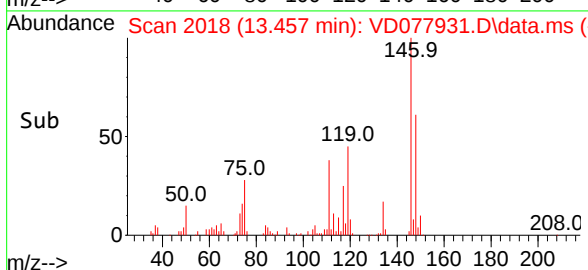
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

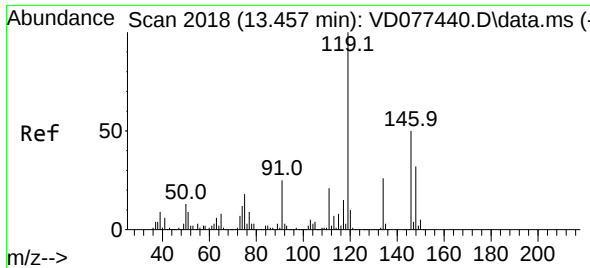


#86
 p-Isopropyltoluene
 Concen: 18.482 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077931.D
 Acq: 16 Dec 2023 13:44



Tgt Ion:119 Resp: 135352
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 23.5 10.5 31.5





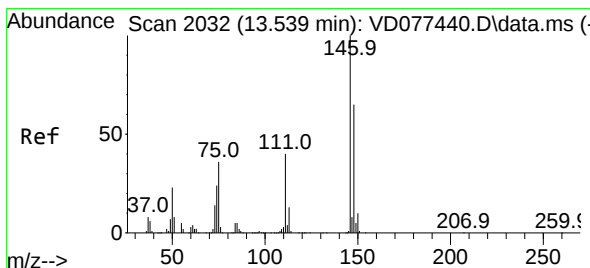
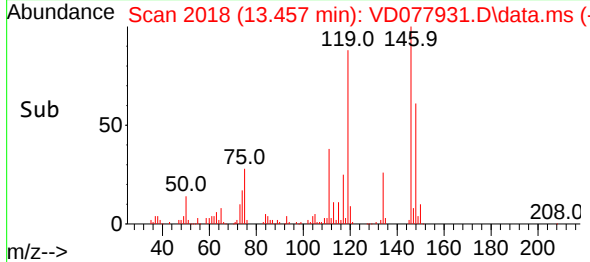
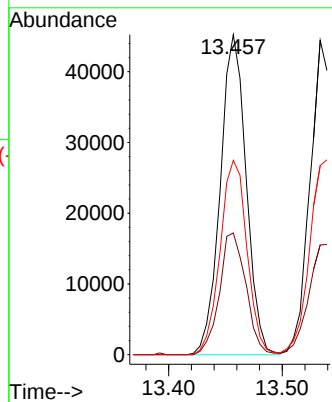
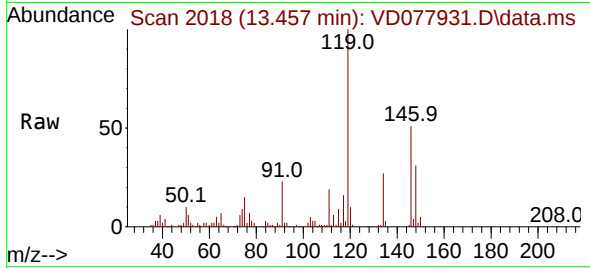
#87
1,3-Dichlorobenzene
Concen: 18.943 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:146 Resp: 7160
Ion Ratio Lower Upper
146 100
111 38.9 17.9 53.8
148 63.1 32.3 96.8

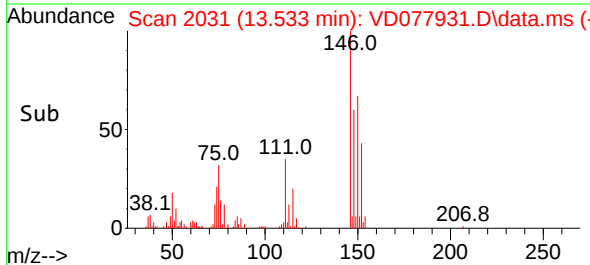
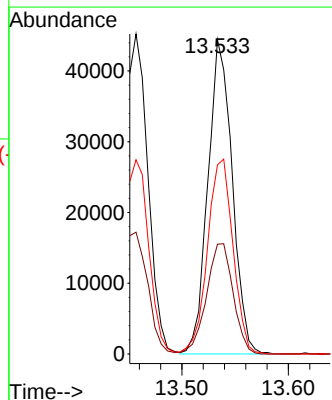
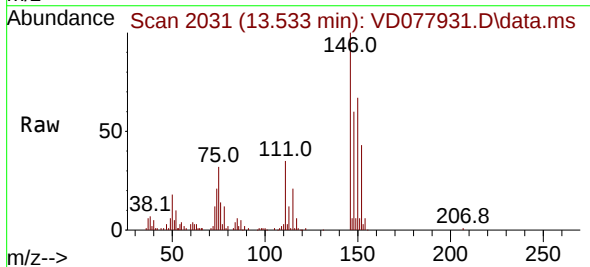
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#88
1,4-Dichlorobenzene
Concen: 17.653 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

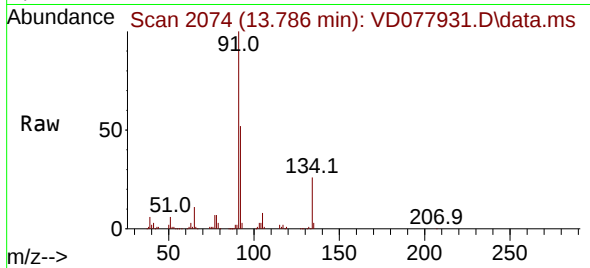
Tgt Ion:146 Resp: 70525
Ion Ratio Lower Upper
146 100
111 38.3 17.4 52.3
148 65.1 31.7 95.1





#89
n-Butylbenzene
Concen: 19.066 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

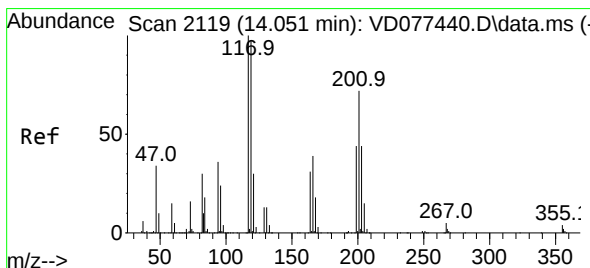
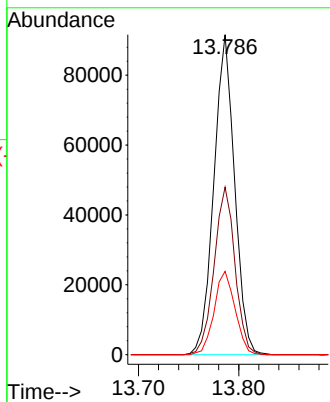
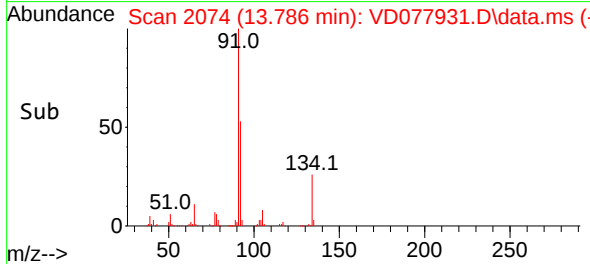
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 91 Resp: 13138
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 26.3 13.8 41.3

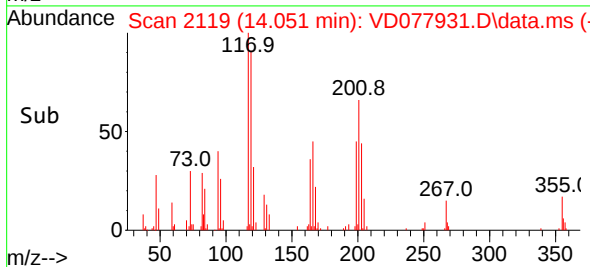
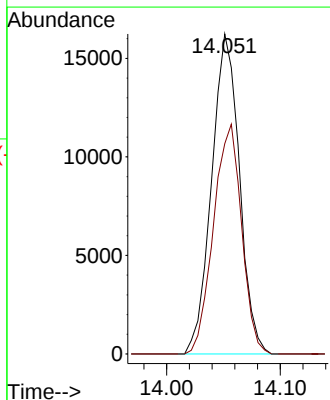
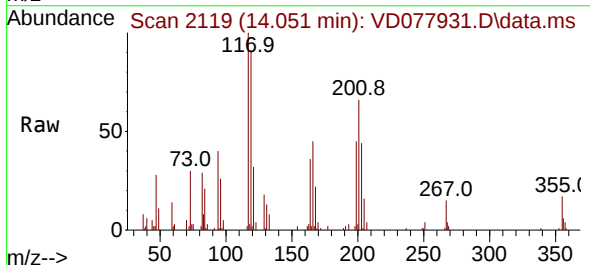
Manual Integrations
APPROVED

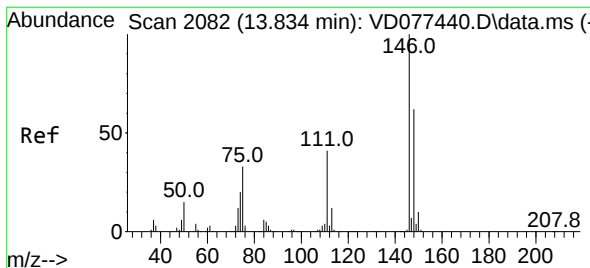
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 20.494 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion:117 Resp: 27601
Ion Ratio Lower Upper
117 100
201 72.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.497 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion:146 Resp: 6268

Ion Ratio Lower Upper

146 100

111 40.3 18.3 54.8

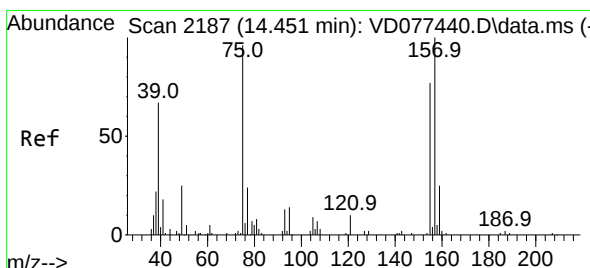
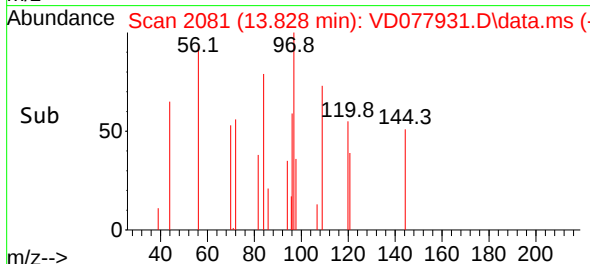
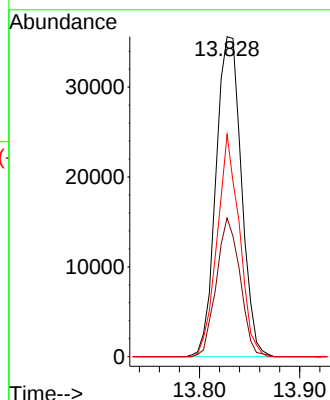
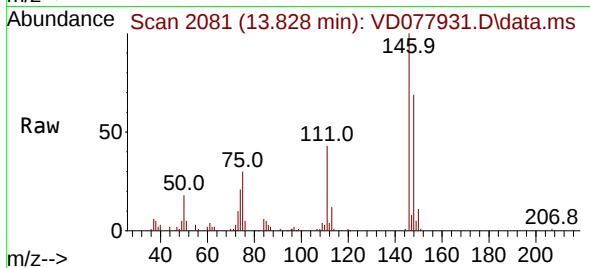
148 60.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.501 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

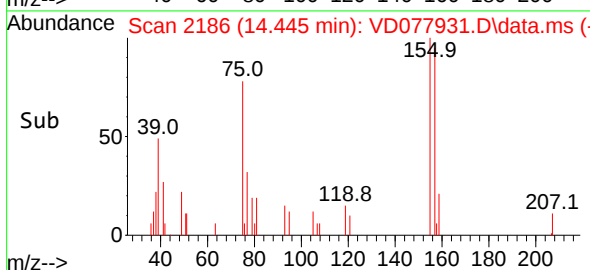
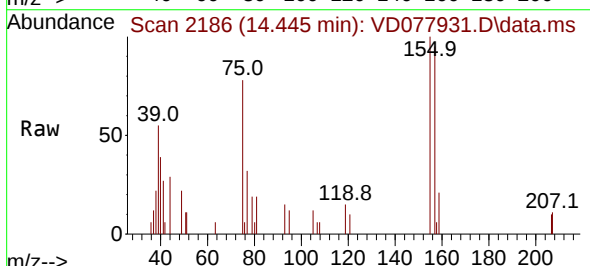
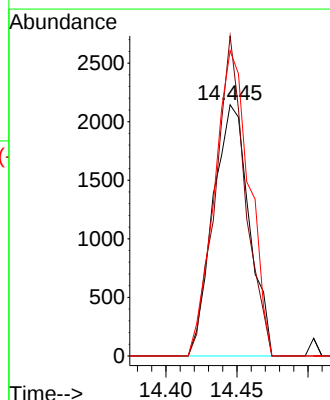
Tgt Ion: 75 Resp: 3795

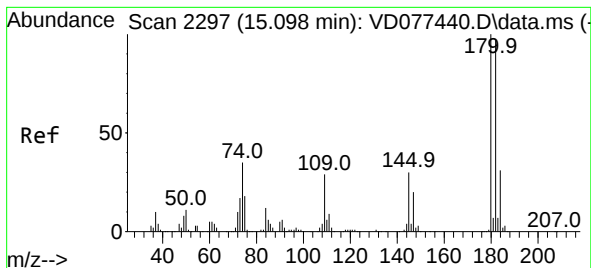
Ion Ratio Lower Upper

75 100

155 104.6 47.9 143.8

157 117.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.815 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

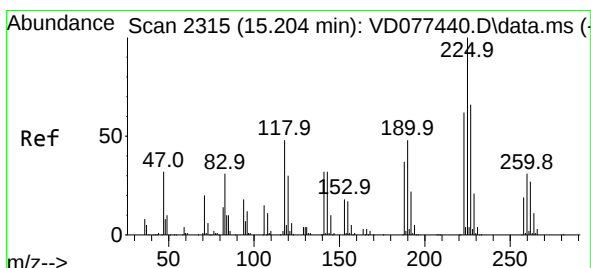
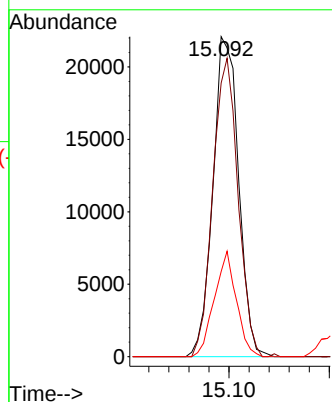
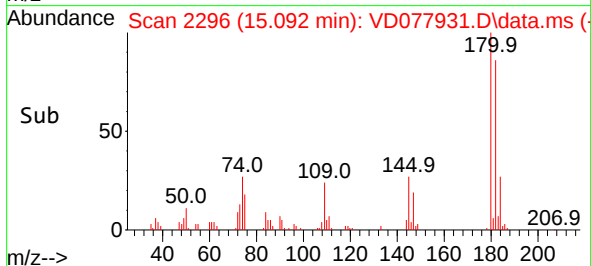
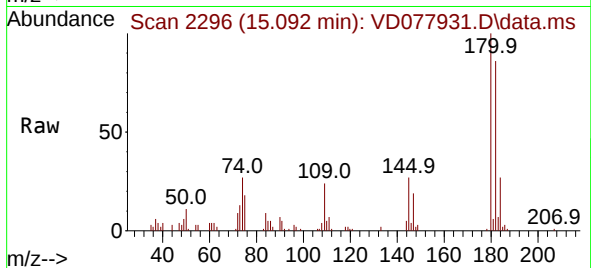
VD1216SBS01

Tgt Ion:	180	Resp:	3912
Ion Ratio	Lower	Upper	
180	100		
182	91.6	48.5	145.6
145	28.3	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 18.772 ug/l

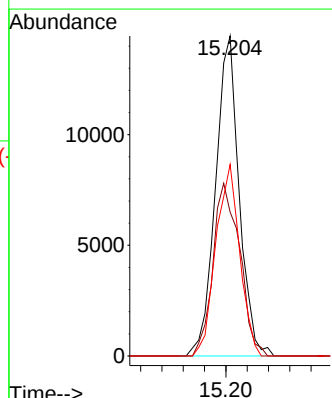
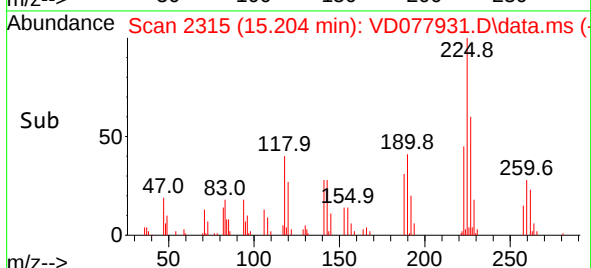
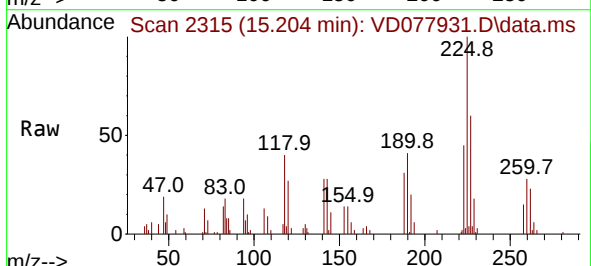
RT: 15.204 min Scan# 2315

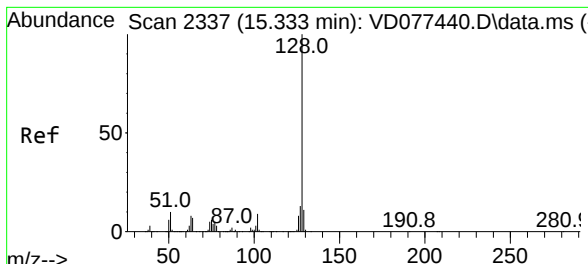
Delta R.T. -0.000 min

Lab File: VD077931.D

Acq: 16 Dec 2023 13:44

Tgt Ion:	225	Resp:	22229
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.6	94.8
227	60.4	31.7	95.1





#95
Naphthalene
Concen: 18.129 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

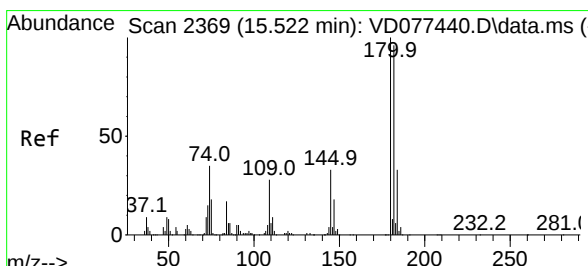
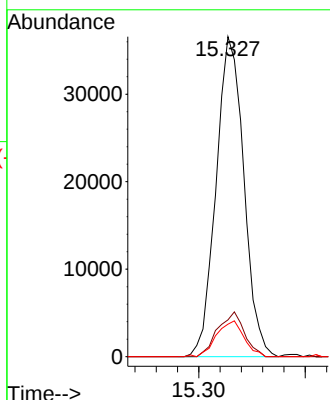
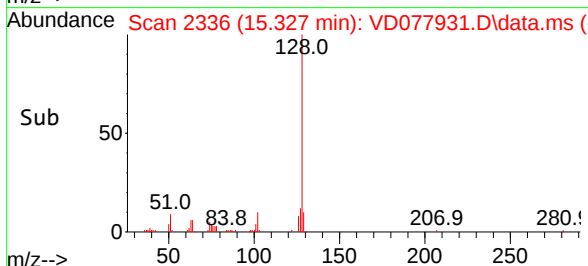
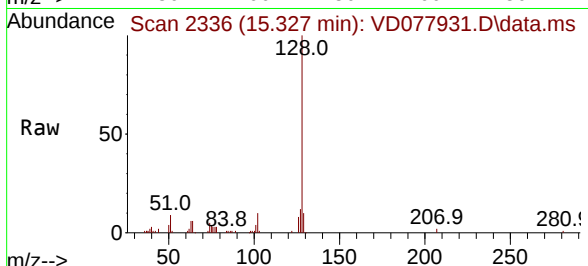
VD1216SBS01

Tgt Ion:	128	Resp:	6614
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.5	15.7
129	10.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.481 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD077931.D
Acq: 16 Dec 2023 13:44

Tgt Ion:	180	Resp:	33458
Ion Ratio	Lower	Upper	
180	100		
182	90.3	47.3	141.9
145	29.7	15.1	45.3

