

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077309.D
 Acq On : 11 Oct 2023 16:44
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:57:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	230794	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	433159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	392645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	181242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20070	10.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.740%#		
35) Dibromofluoromethane	7.805	113	25289	10.990	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.980%#		
50) Toluene-d8	10.269	98	75764	10.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.020%#		
62) 4-Bromofluorobenzene	12.575	95	25445	10.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.020%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	22861	10.663	ug/l	93
3) Chloromethane	2.146	50	36786	10.835	ug/l	95
4) Vinyl Chloride	2.281	62	37431	10.106	ug/l	98
5) Bromomethane	2.687	94	23083	8.862	ug/l	99
6) Chloroethane	2.834	64	21609	8.838	ug/l	97
7) Trichlorofluoromethane	3.170	101	31107	8.121	ug/l	91
8) Diethyl Ether	3.587	74	11328	8.485	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	28530	10.345	ug/l	96
10) Methyl Iodide	4.158	142	30792	9.039	ug/l #	87
11) Tert butyl alcohol	5.052	59	7234	51.760	ug/l	98
12) 1,1-Dichloroethene	3.934	96	26216	9.845	ug/l	92
13) Acrolein	3.799	56	4944	30.336	ug/l #	52
14) Allyl chloride	4.564	41	36259	9.902	ug/l #	92
15) Acrylonitrile	5.252	53	33325	50.710	ug/l	95
16) Acetone	4.028	43	29686	51.952	ug/l #	86
17) Carbon Disulfide	4.270	76	75646	9.413	ug/l	96
18) Methyl Acetate	4.570	43	21435	9.437	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	56085	9.437	ug/l	99
20) Methylene Chloride	4.799	84	95963	16.741	ug/l	92
21) trans-1,2-Dichloroethene	5.317	96	30955	9.735	ug/l	94
22) Diisopropyl ether	6.216	45	80105	9.658	ug/l	93
23) Vinyl Acetate	6.152	43	182991	47.076	ug/l #	88
24) 1,1-Dichloroethane	6.111	63	56206	10.191	ug/l	97
25) 2-Butanone	7.087	43	38282	50.291	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	45316	10.218	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	36020	10.120	ug/l	93
28) Bromochloromethane	7.428	49	22301	10.216	ug/l #	71
29) Tetrahydrofuran	7.446	42	21122	46.510	ug/l	89
30) Chloroform	7.599	83	58399	10.333	ug/l	96
31) Cyclohexane	7.875	56	42899	9.783	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	45825	10.112	ug/l	99
36) 1,1-Dichloropropene	8.005	75	39549	9.481	ug/l	96
37) Ethyl Acetate	7.175	43	17111	9.777	ug/l	95
38) Carbon Tetrachloride	7.987	117	37285	9.853	ug/l	87
39) Methylcyclohexane	9.275	83	40513	8.618	ug/l	92
40) Benzene	8.252	78	129931	10.096	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8889	9.404	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	32501	10.506	ug/l	95
43) Isopropyl Acetate	8.358	43	30445	9.817	ug/l #	92
44) Trichloroethene	9.028	130	30478	9.664	ug/l	79
45) 1,2-Dichloropropane	9.305	63	34110	10.305	ug/l	98
46) Dibromomethane	9.393	93	16603	9.570	ug/l	92
47) Bromodichloromethane	9.581	83	43455	10.216	ug/l #	92
48) Methyl methacrylate	9.387	41	11635	8.144	ug/l	88
49) 1,4-Dioxane	9.381	88	3308	186.818	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	79137	48.823	ug/l	88
52) Toluene	10.334	92	73852	9.402	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	37470	9.395	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	47353	9.574	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	23268	9.867	ug/l	94
56) Ethyl methacrylate	10.599	69	24500	9.652	ug/l	92
57) 1,3-Dichloropropane	10.881	76	41351	10.155	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	61996	51.604	ug/l	93
59) 2-Hexanone	10.922	43	54770	47.779	ug/l	87
60) Dibromochloromethane	11.075	129	26299	9.765	ug/l	92
61) 1,2-Dibromoethane	11.175	107	20118	9.347	ug/l	89
64) Tetrachloroethene	10.810	164	26189	10.448	ug/l	90
65) Chlorobenzene	11.604	112	83750	10.256	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	28804	10.000	ug/l	98
67) Ethyl Benzene	11.681	91	134293	9.216	ug/l	100
68) m/p-Xylenes	11.793	106	108071	19.270	ug/l	92
69) o-Xylene	12.122	106	47495	9.149	ug/l	86
70) Styrene	12.134	104	83323	9.263	ug/l	97
71) Bromoform	12.299	173	15098	10.328	ug/l #	96
73) Isopropylbenzene	12.422	105	121033	9.042	ug/l	98
74) N-amyl acetate	12.234	43	27074	9.619	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	27504	10.239	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	21343m	10.718	ug/l	
77) Bromobenzene	12.704	156	30530	9.969	ug/l	85
78) n-propylbenzene	12.763	91	157603	9.286	ug/l	95
79) 2-Chlorotoluene	12.851	91	86918	9.499	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	105393	9.449	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	8109	9.710	ug/l	99
82) 4-Chlorotoluene	12.946	91	94368	9.762	ug/l	94
83) tert-Butylbenzene	13.169	119	85900	9.220	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	101348	9.071	ug/l	95
85) sec-Butylbenzene	13.346	105	133493	9.188	ug/l	95
86) p-Isopropyltoluene	13.463	119	109092	9.139	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	62755	9.771	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	63946	10.080	ug/l	94
89) n-Butylbenzene	13.787	91	105579	9.046	ug/l	97
90) Hexachloroethane	14.057	117	22977	9.762	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	55392	9.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3447	9.805	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	30960	9.248	ug/l	99
94) Hexachlorobutadiene	15.204	225	16353	9.771	ug/l	99
95) Naphthalene	15.334	128	59894	9.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	27787	9.393	ug/l	99

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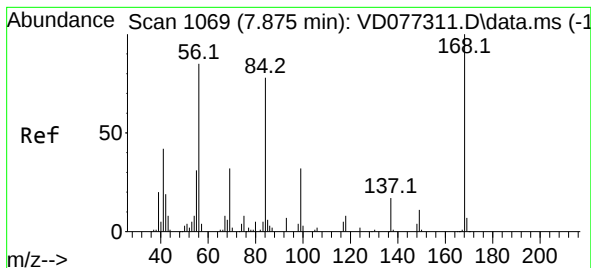
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/16/2023

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Response via : Initial Calibration

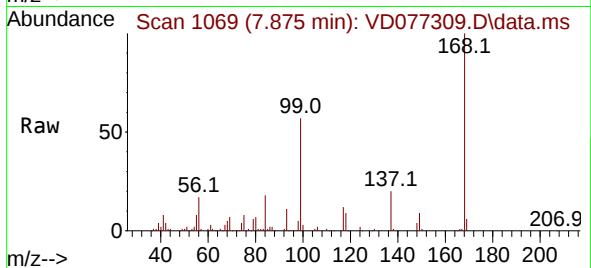
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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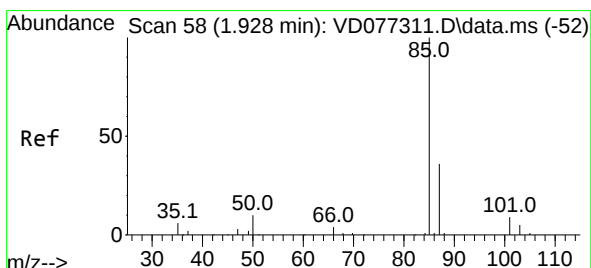
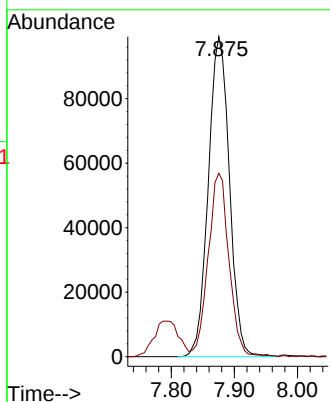
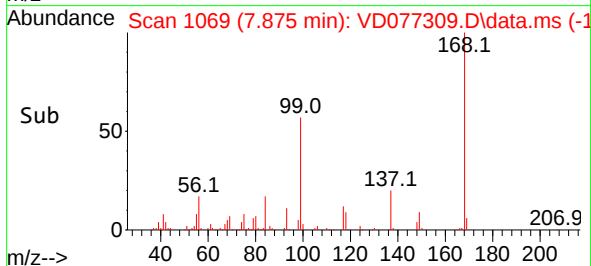
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 230794
Ion Ratio Lower Upper
168 100
99 57.3 36.7 55.1

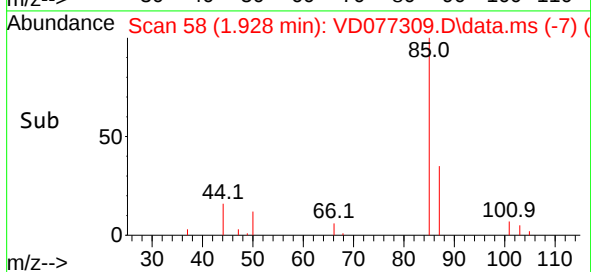
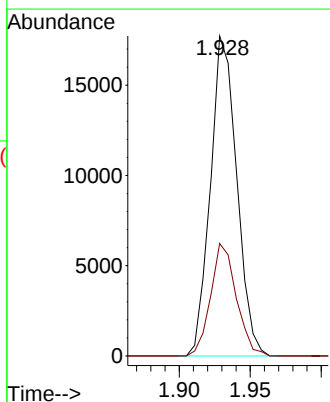
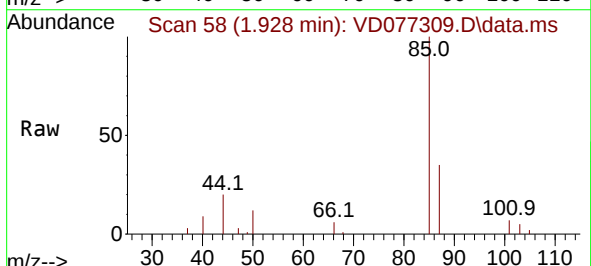
Manual Integrations
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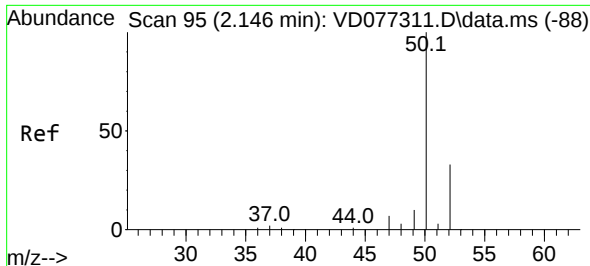
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#2
Dichlorodifluoromethane
Concen: 10.663 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

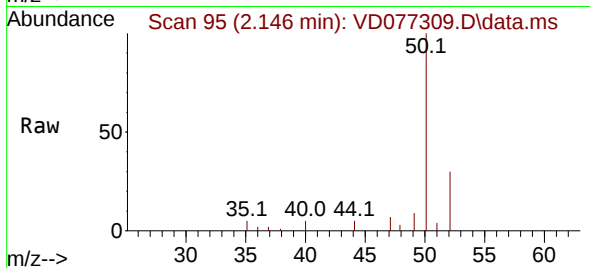
Tgt Ion: 85 Resp: 22861
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0





#3
Chloromethane
Concen: 10.835 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

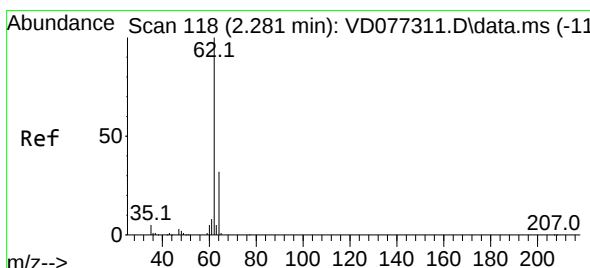
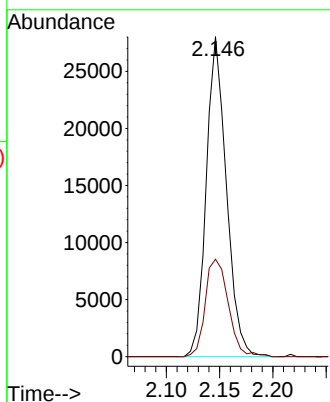
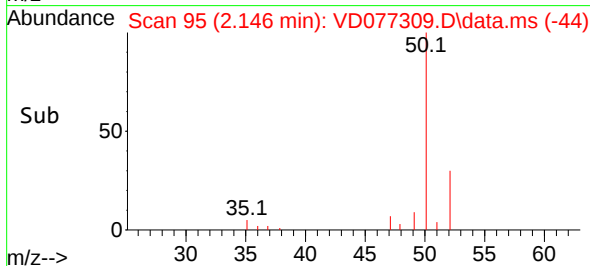
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VSTDIC010



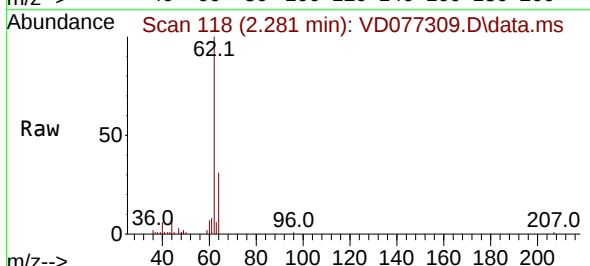
Tgt Ion: 50 Resp: 36780
Ion Ratio Lower Upper
50 100
52 30.5 26.6 40.0

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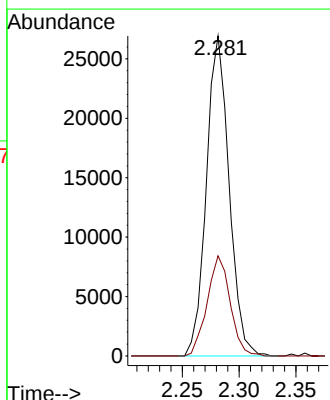
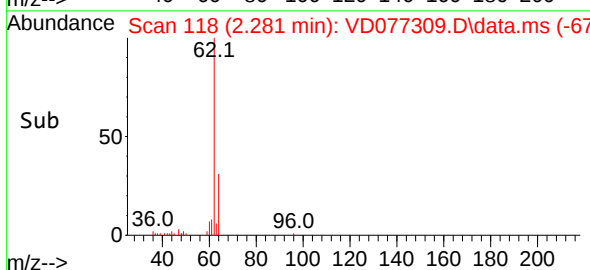
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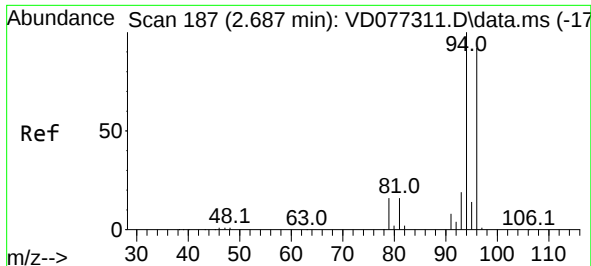


#4
Vinyl Chloride
Concen: 10.106 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



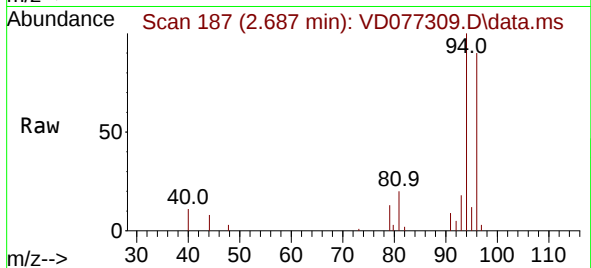
Tgt Ion: 62 Resp: 37431
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 8.862 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

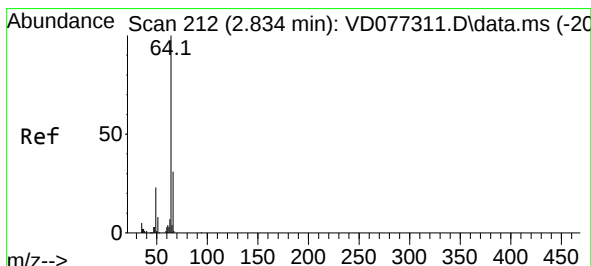
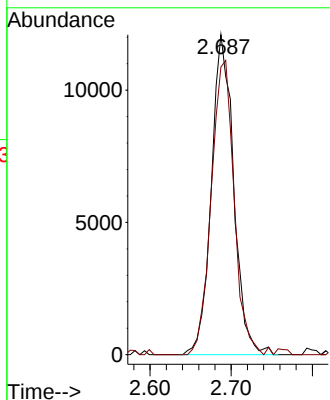
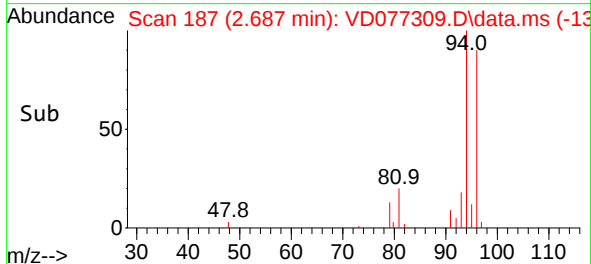
Instrument :
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Tgt Ion: 94 Resp: 2308
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8

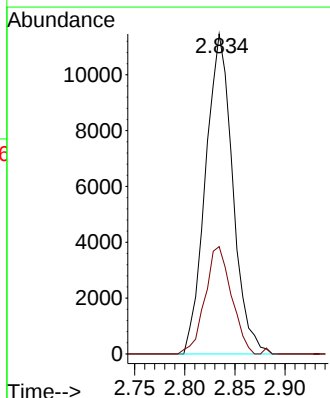
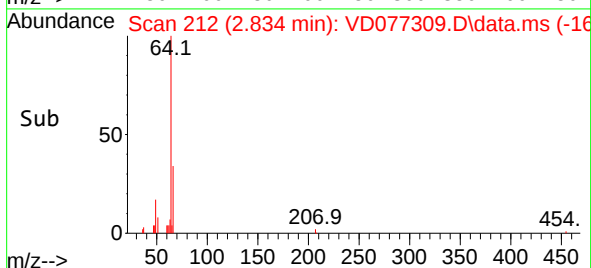
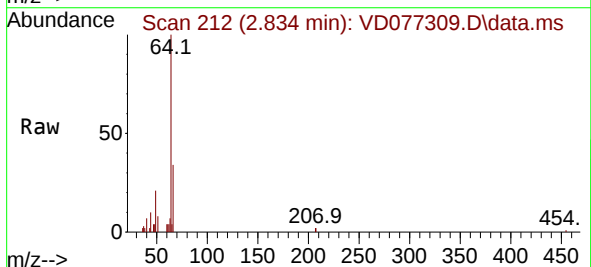
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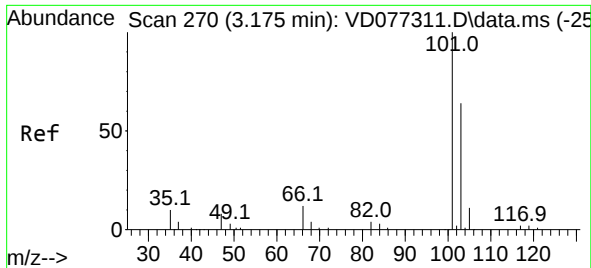
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#6
Chloroethane
Concen: 8.838 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 64 Resp: 21609
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3





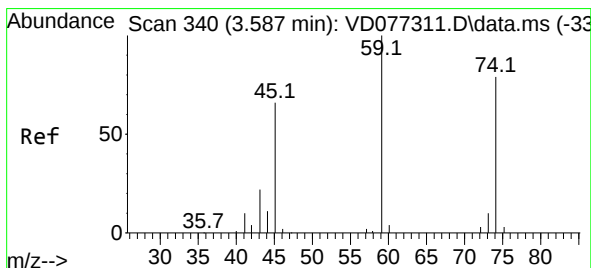
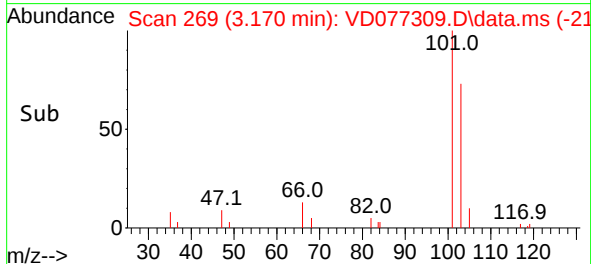
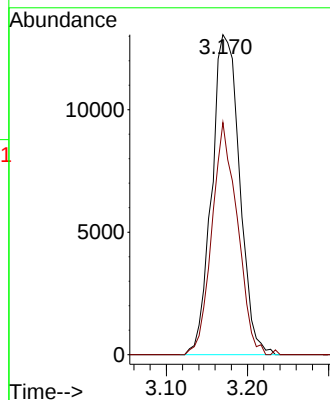
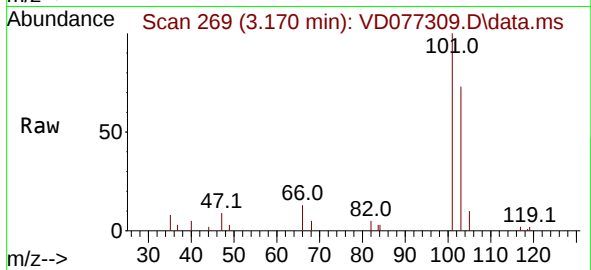
#7
Trichlorofluoromethane
Concen: 8.121 ug/l
RT: 3.170 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3110
Ion Ratio Lower Upper
101 100
103 72.6 52.3 78.5

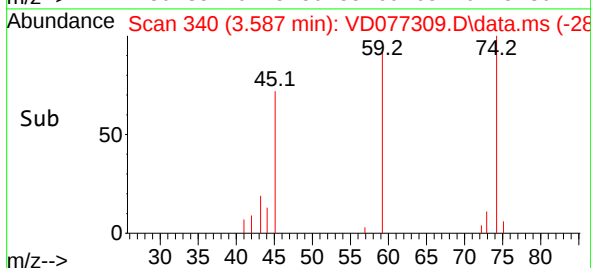
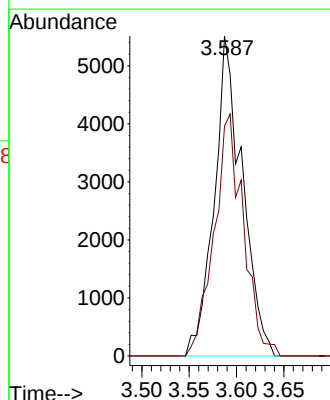
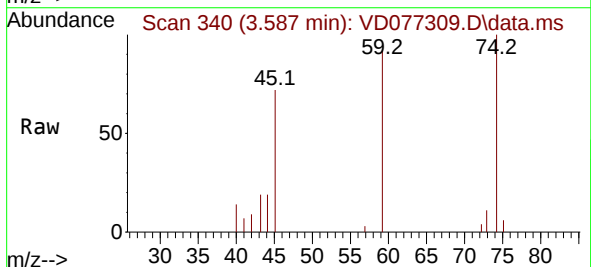
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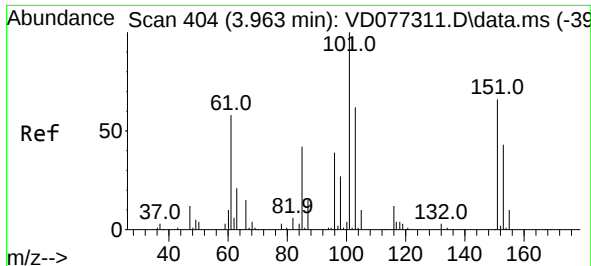
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#8
Diethyl Ether
Concen: 8.485 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 74 Resp: 11328
Ion Ratio Lower Upper
74 100
45 78.7 37.5 112.7





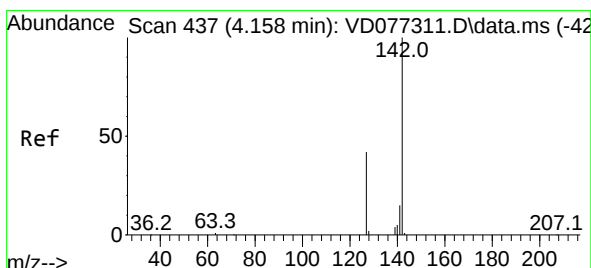
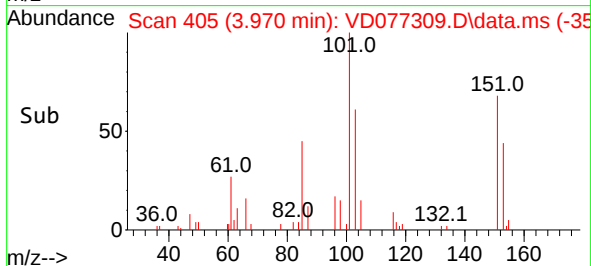
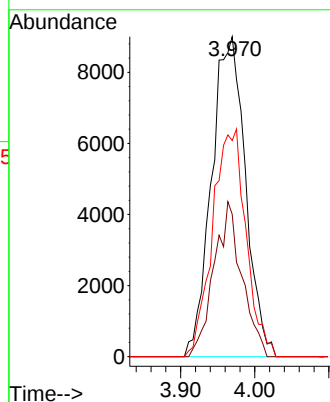
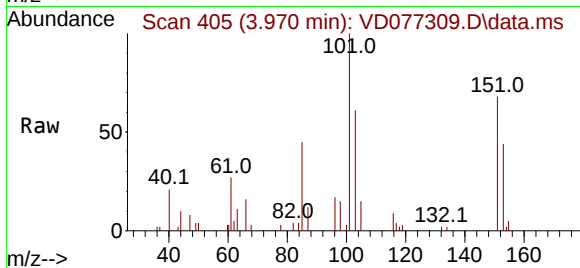
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.345 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 28530
Ion Ratio Lower Upper
101 100
85 40.0 33.8 50.6
151 70.4 59.8 89.6

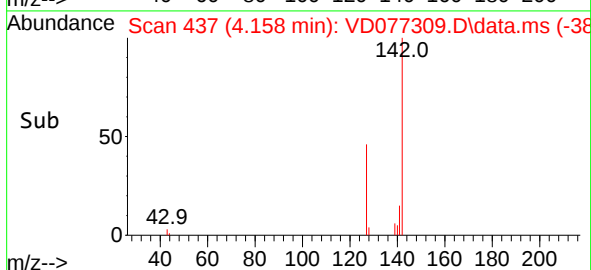
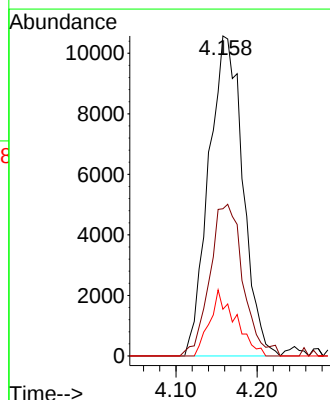
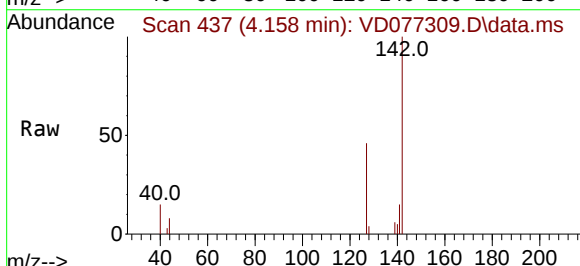
Manual Integrations
APPROVED

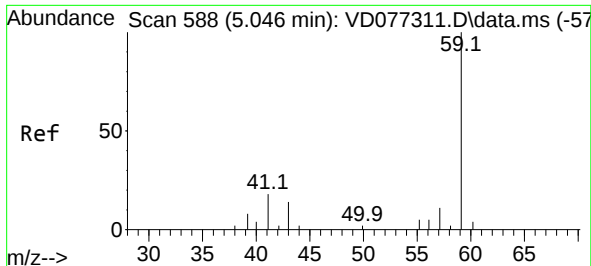
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#10
Methyl Iodide
Concen: 9.039 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

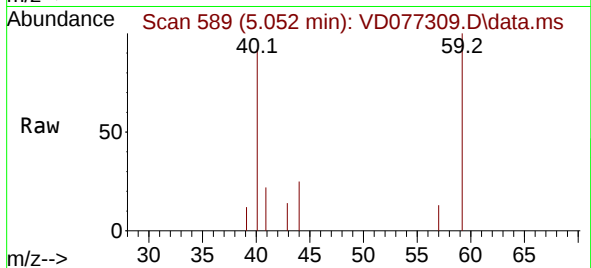
Tgt Ion:142 Resp: 30792
Ion Ratio Lower Upper
142 100
127 46.3 29.4 44.0#
141 15.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 51.760 ug/l
RT: 5.052 min Scan# 511
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

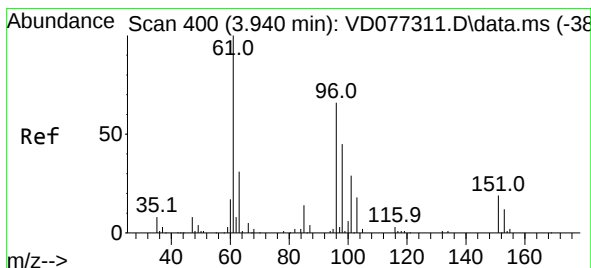
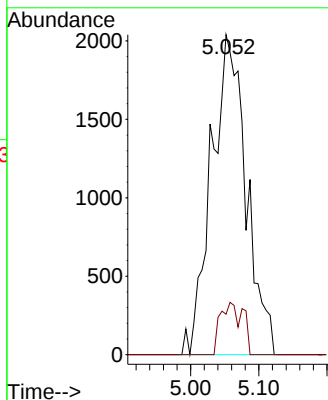
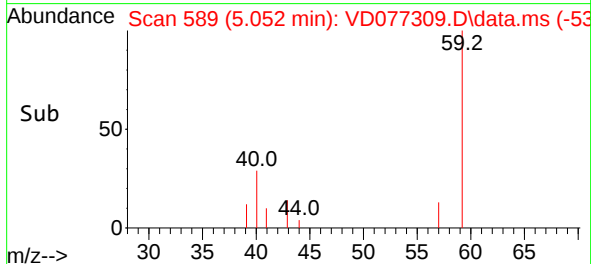
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



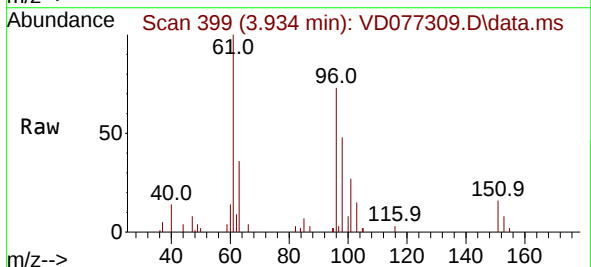
Tgt Ion: 59 Resp: 7234
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8

Manual Integrations
APPROVED

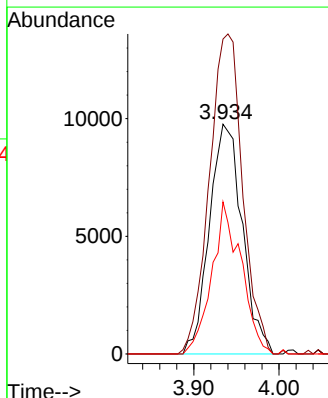
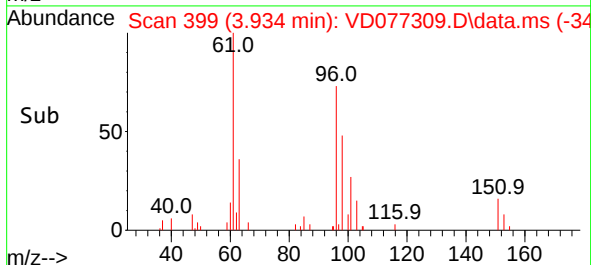
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

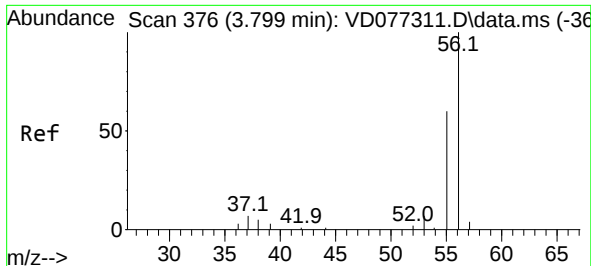


#12
1,1-Dichloroethene
Concen: 9.845 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



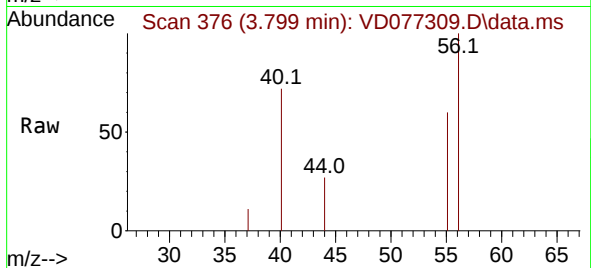
Tgt Ion: 96 Resp: 26216
Ion Ratio Lower Upper
96 100
61 137.0 100.6 150.8
98 66.2 50.2 75.2





#13
Acrolein
Concen: 30.336 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

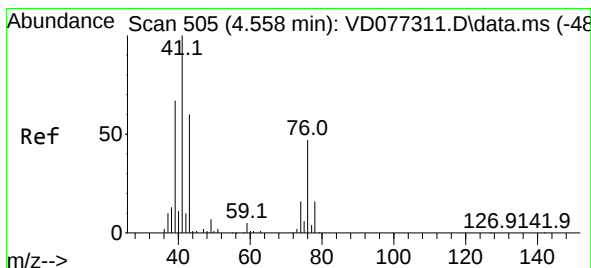
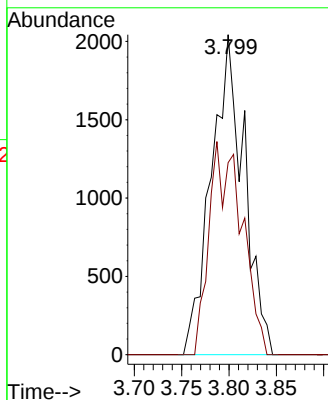
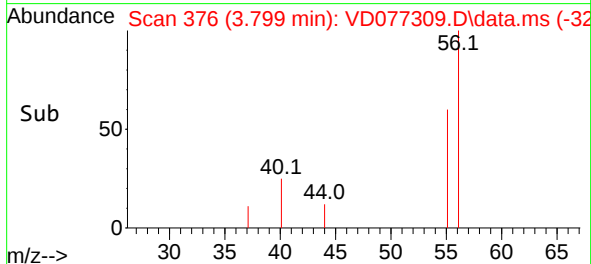
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



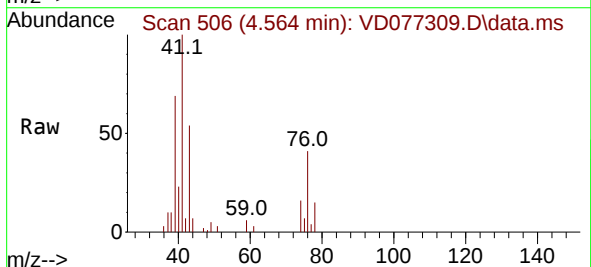
Tgt Ion: 56 Resp: 4944
Ion Ratio Lower Upper
56 100
55 29.5 55.1 82.7

Manual Integrations
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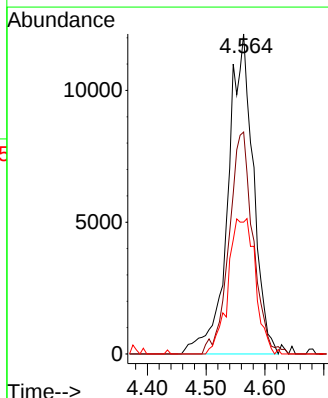
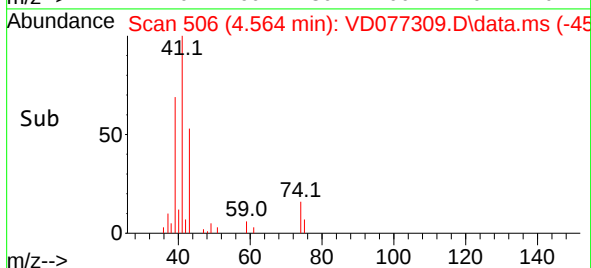
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

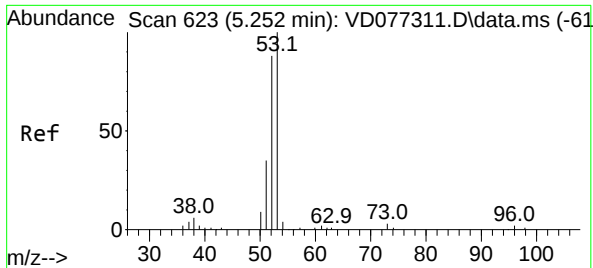


#14
Allyl chloride
Concen: 9.902 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



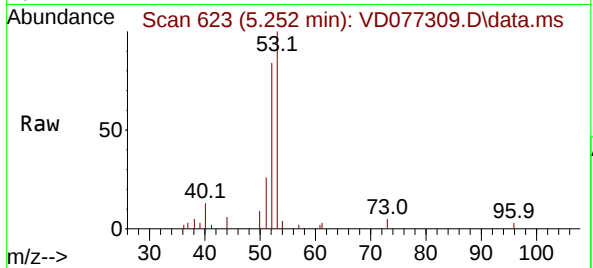
Tgt Ion: 41 Resp: 36259
Ion Ratio Lower Upper
41 100
39 65.9 53.8 80.6
76 45.4 45.8 68.8





#15
Acrylonitrile
Concen: 50.710 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

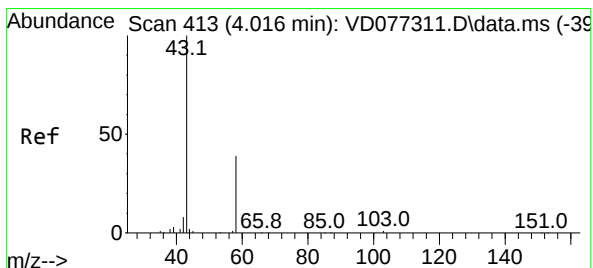
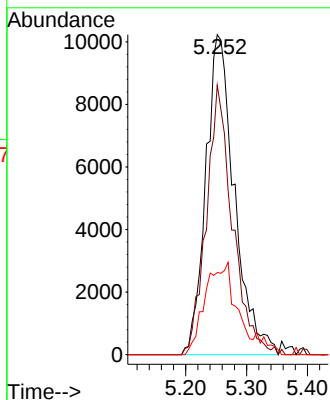
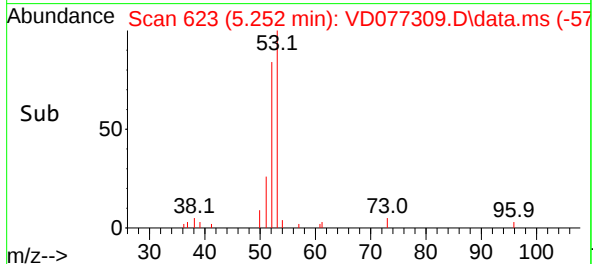
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



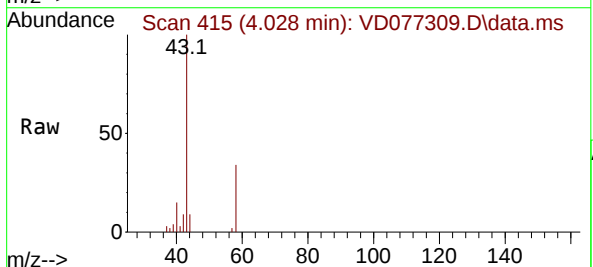
Tgt Ion: 53 Resp: 3332
Ion Ratio Lower Upper
53 100
52 77.2 65.0 97.4
51 31.3 28.3 42.5

Manual Integrations
APPROVED

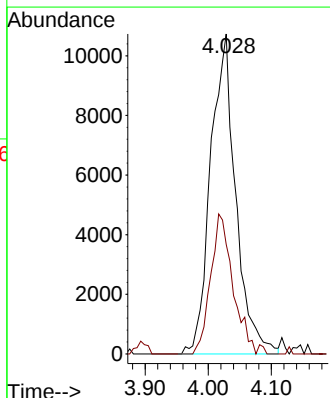
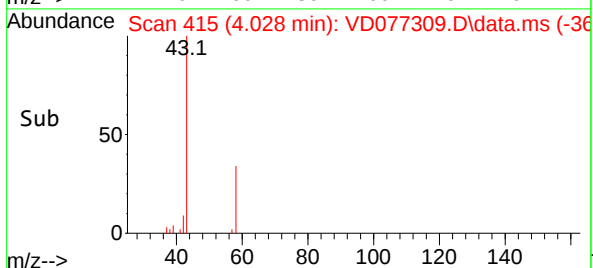
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

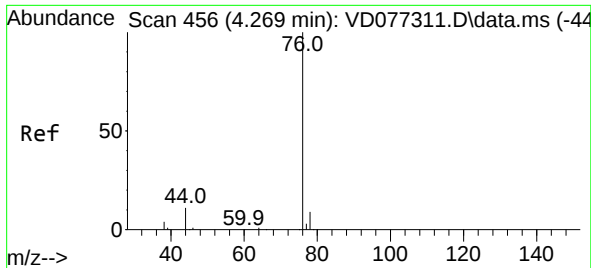


#16
Acetone
Concen: 51.952 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



Tgt Ion: 43 Resp: 29686
Ion Ratio Lower Upper
43 100
58 34.2 34.7 52.1#





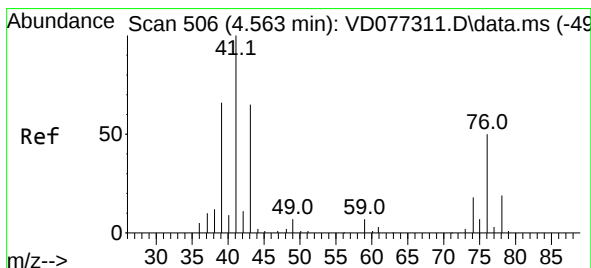
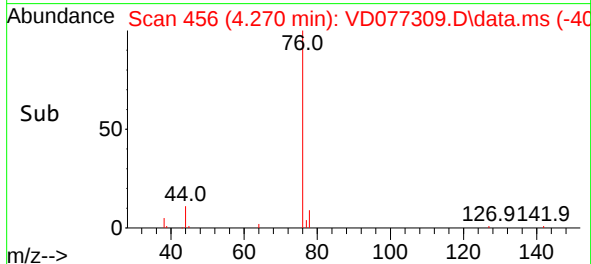
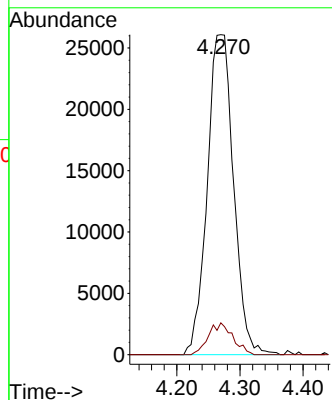
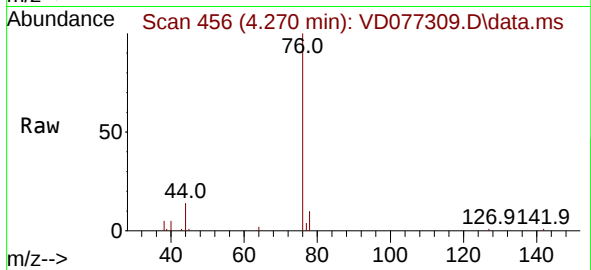
#17
Carbon Disulfide
Concen: 9.413 ug/l
RT: 4.270 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 75640
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2

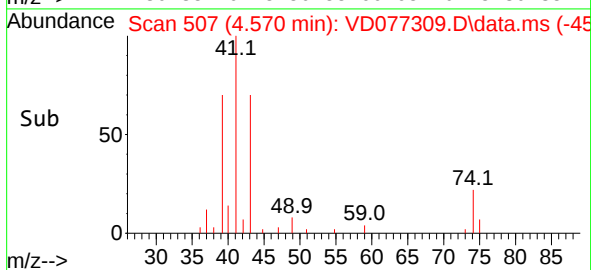
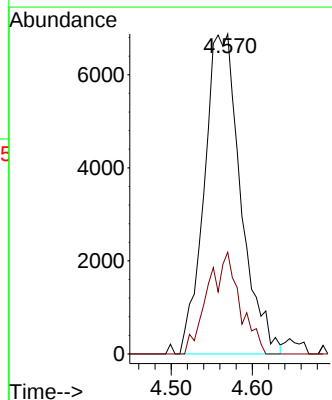
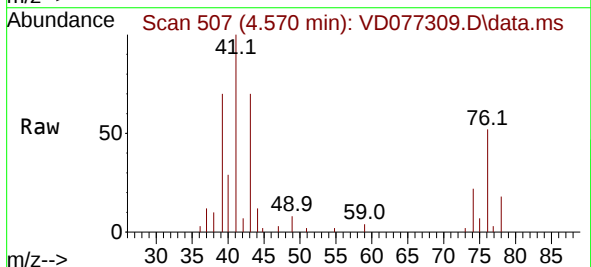
Manual Integrations
APPROVED

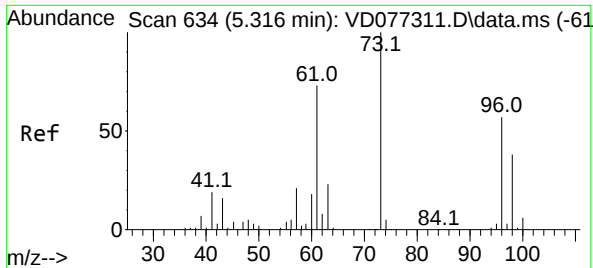
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#18
Methyl Acetate
Concen: 9.437 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 43 Resp: 21435
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6





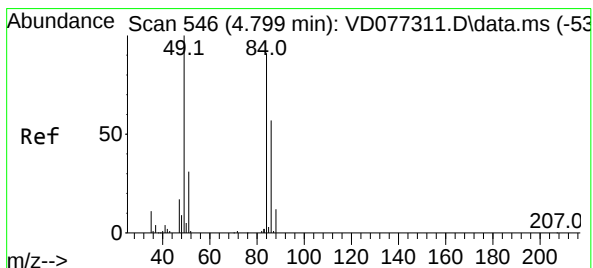
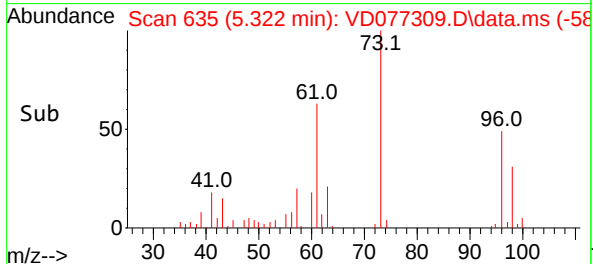
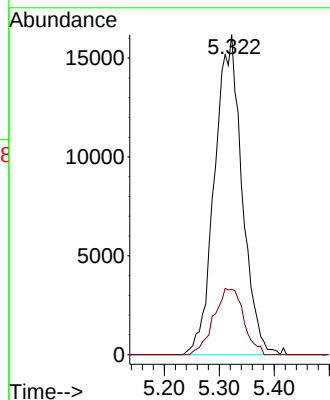
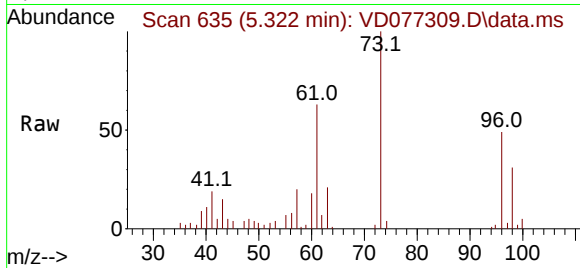
#19
Methyl tert-butyl Ether
Concen: 9.437 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 5608
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

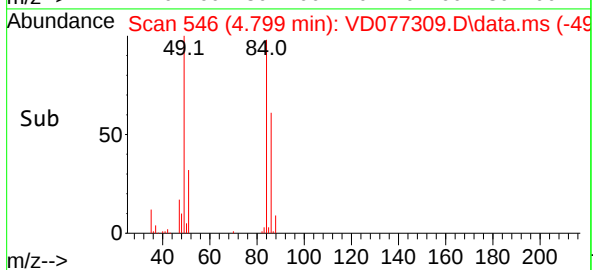
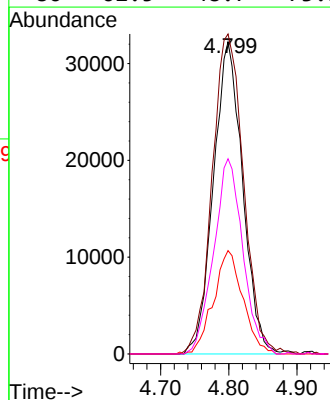
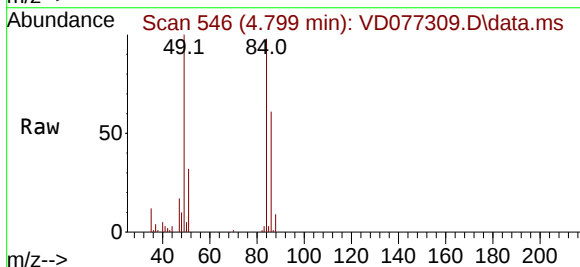
Manual Integrations
APPROVED

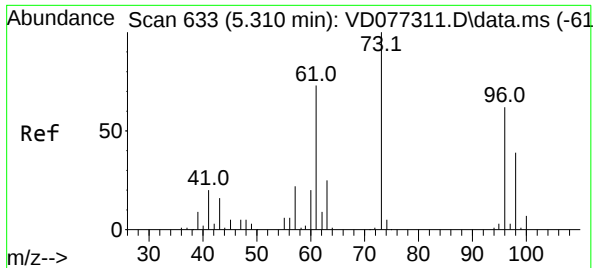
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#20
Methylene Chloride
Concen: 16.741 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 84 Resp: 95963
Ion Ratio Lower Upper
84 100
49 102.5 71.4 107.2
51 33.1 24.5 36.7
86 62.5 48.7 73.1





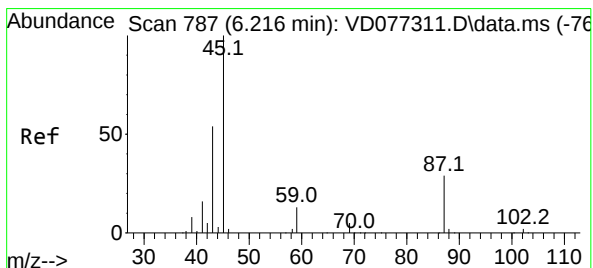
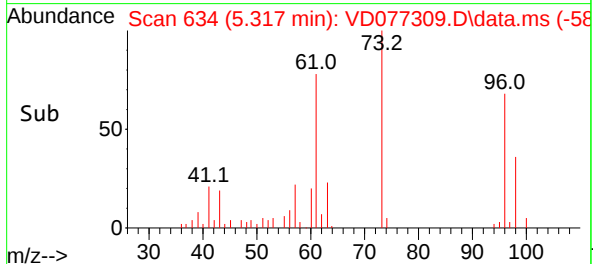
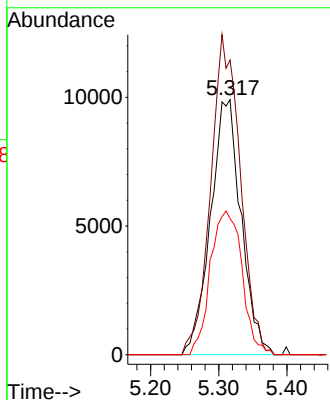
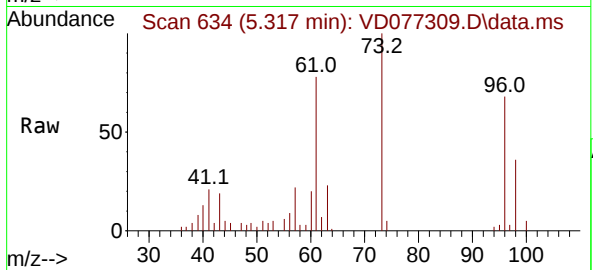
#21
trans-1,2-Dichloroethene
Concen: 9.735 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 3095
Ion Ratio Lower Upper
96 100
61 115.5 89.3 133.9
98 53.4 48.6 73.0

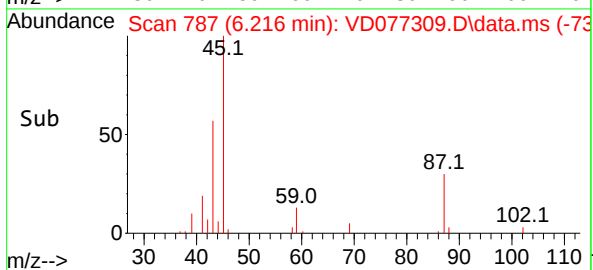
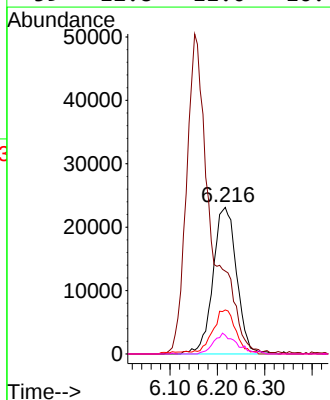
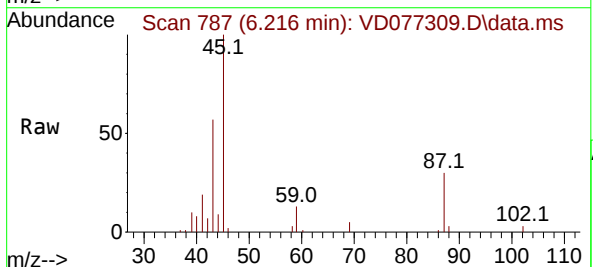
Manual Integrations
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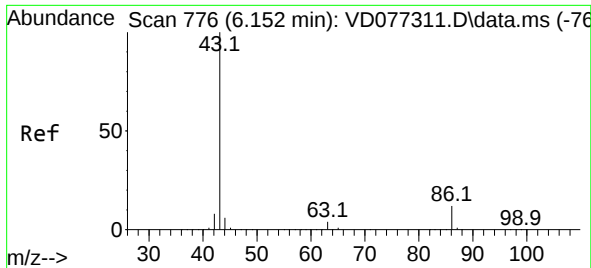
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#22
Diisopropyl ether
Concen: 9.658 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 45 Resp: 80105
Ion Ratio Lower Upper
45 100
43 55.0 40.0 60.0
87 30.1 28.2 42.4
59 12.8 11.0 16.4





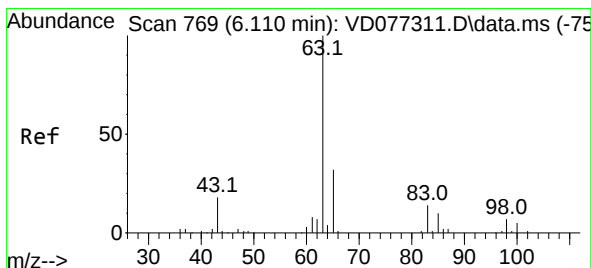
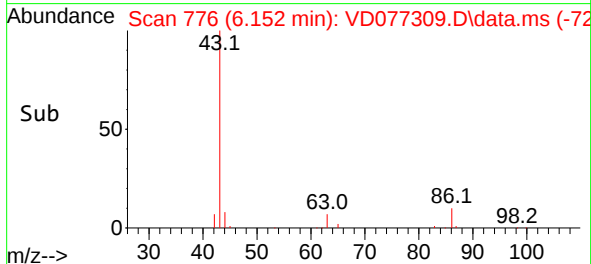
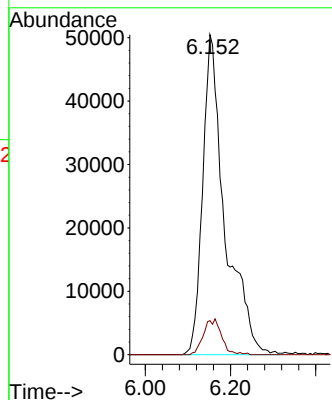
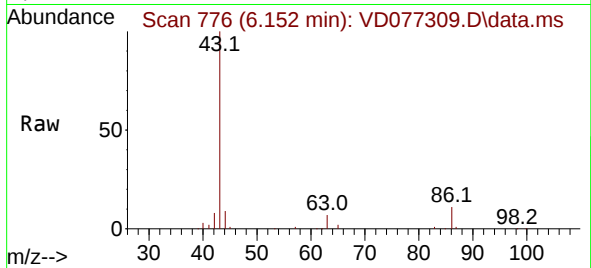
#23
 Vinyl Acetate
 Concen: 47.076 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077309.D
 Acq: 11 Oct 2023 16:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 18299
 Ion Ratio Lower Upper
 43 100
 86 10.7 12.5 18.7

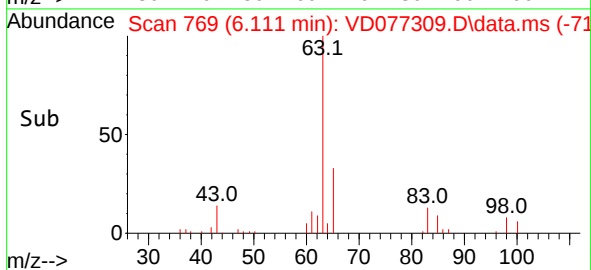
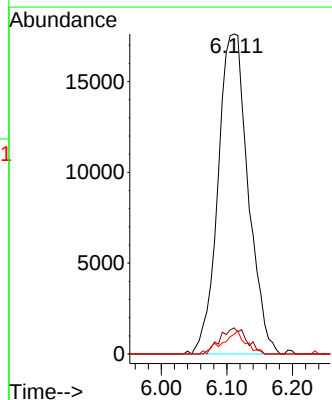
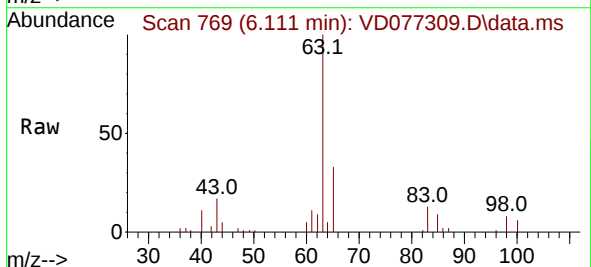
Manual Integrations
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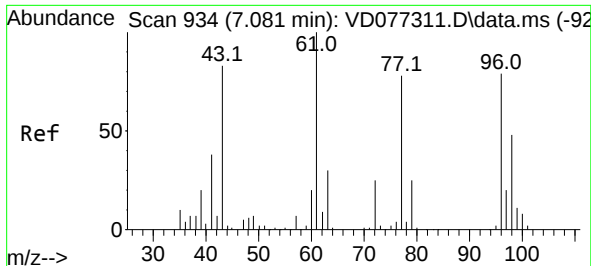
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 10.191 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077309.D
 Acq: 11 Oct 2023 16:44

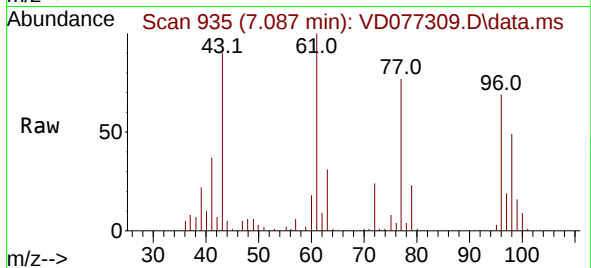
Tgt Ion: 63 Resp: 56206
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 6.2 2.5 7.5





#25
2-Butanone
Concen: 50.291 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

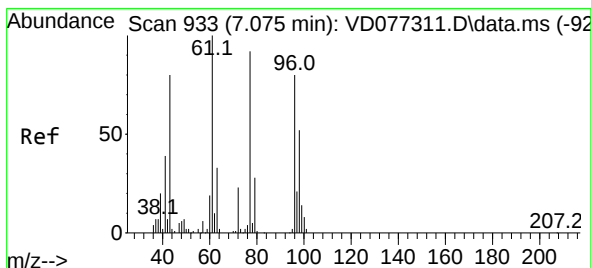
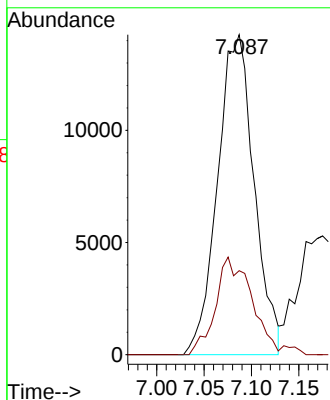
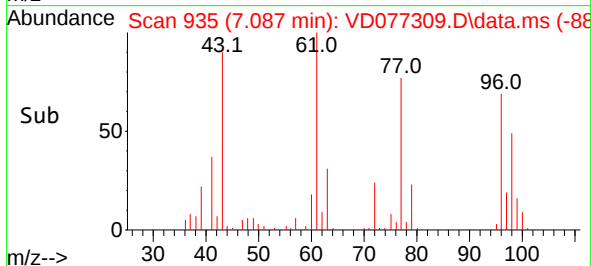
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



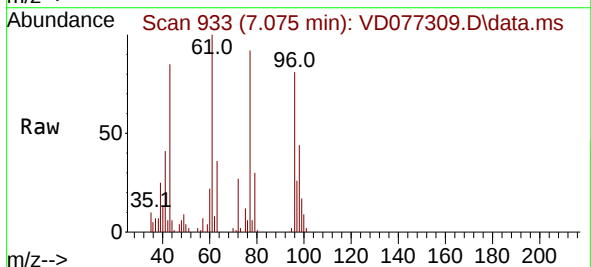
Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
72 26.3 30.7 46.1

Manual Integrations
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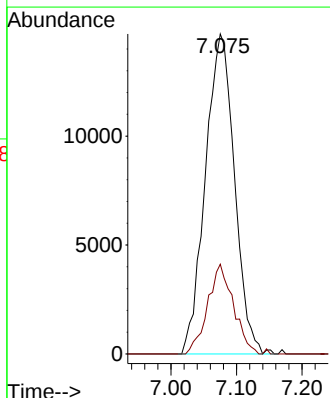
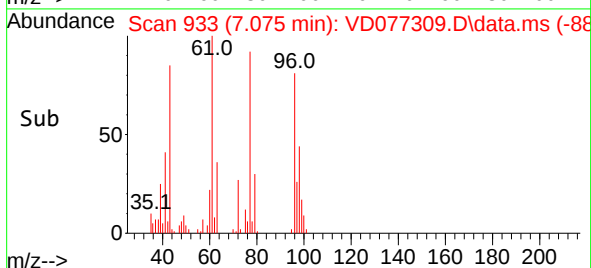
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

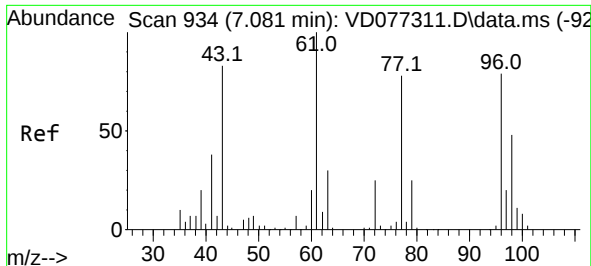


#26
2,2-Dichloropropane
Concen: 10.218 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



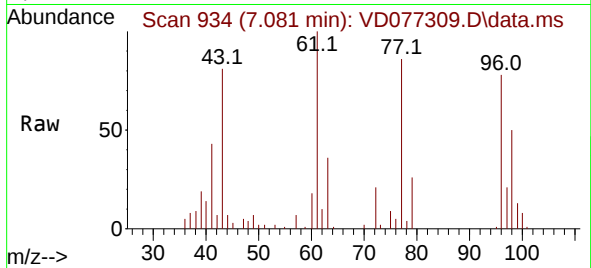
Tgt Ion: 77 Resp: 45316
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 10.120 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

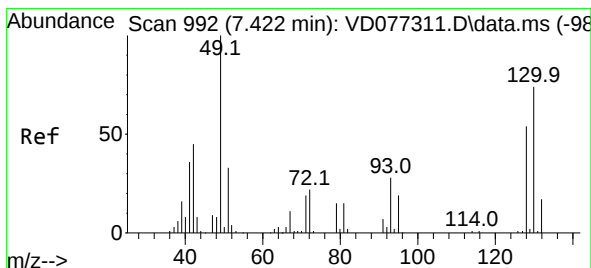
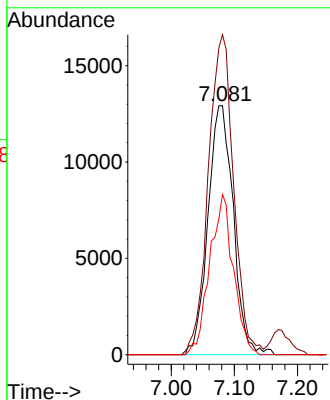
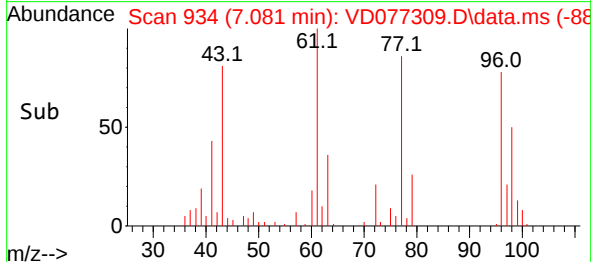
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 36020
Ion Ratio Lower Upper
96 100
61 128.1 0.0 239.2
98 60.2 0.0 128.6

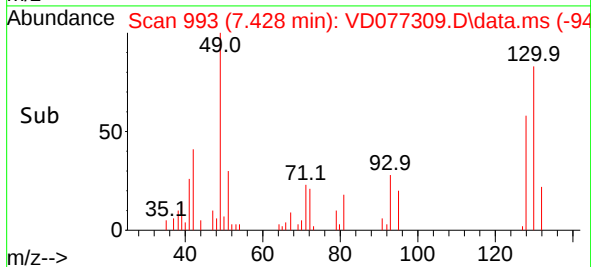
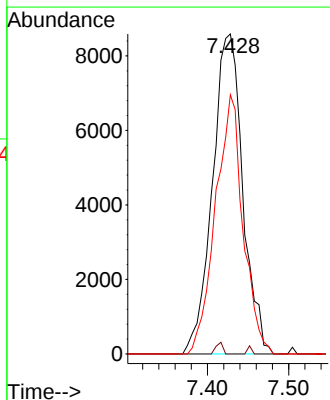
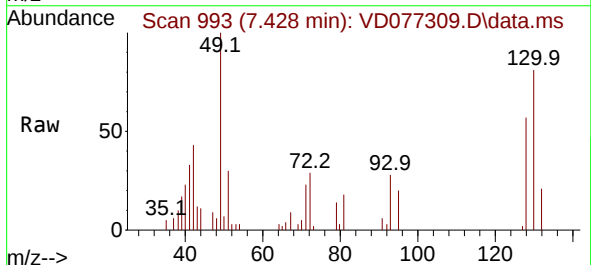
Manual Integrations
APPROVED

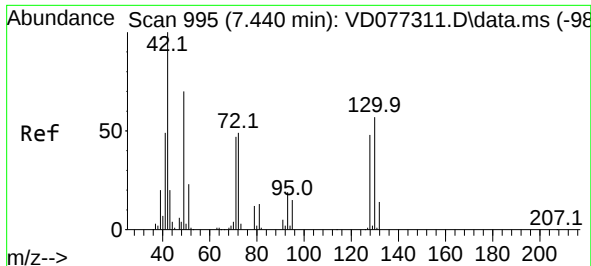
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#28
Bromochloromethane
Concen: 10.216 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 49 Resp: 22301
Ion Ratio Lower Upper
49 100
129 0.8 0.0 6.0
130 73.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 46.510 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

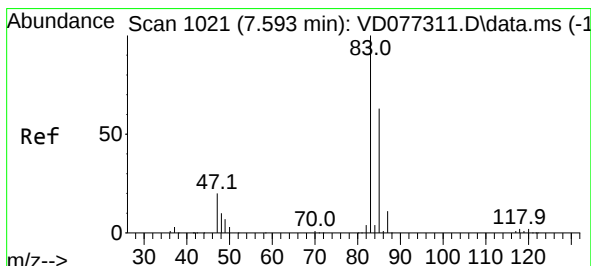
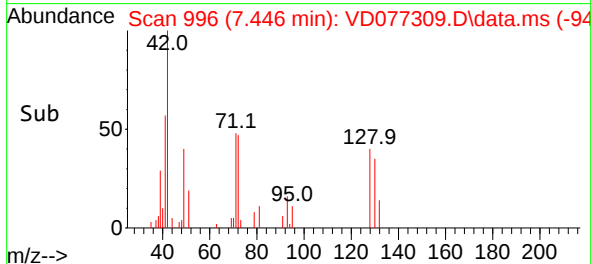
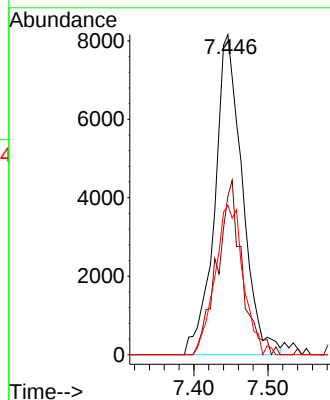
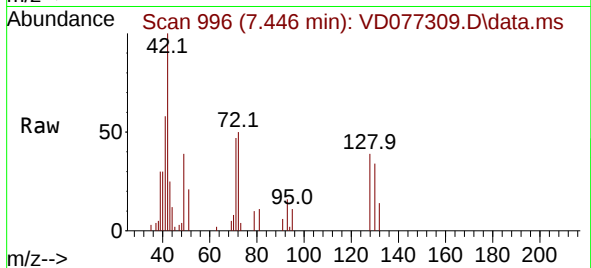
VSTDIC010

Tgt Ion:	42	Resp:	2112
Ion Ratio	Lower	Upper	
42	100		
72	48.9	46.5	69.7
71	48.0	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#30

Chloroform

Concen: 10.333 ug/l

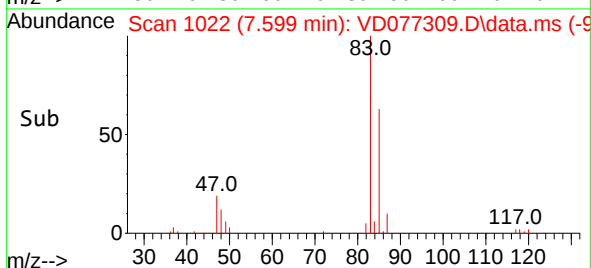
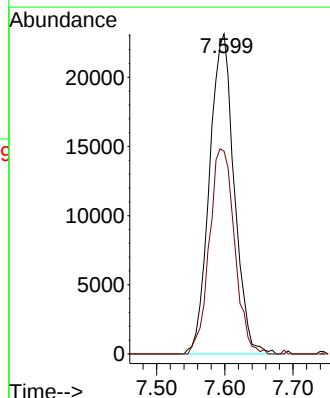
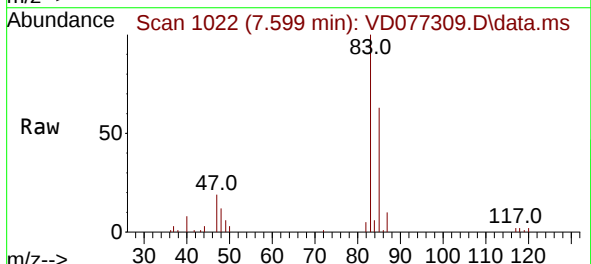
RT: 7.599 min Scan# 1022

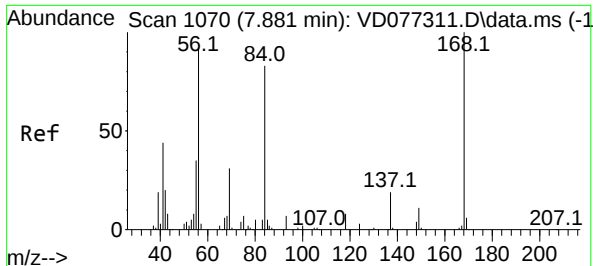
Delta R.T. 0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

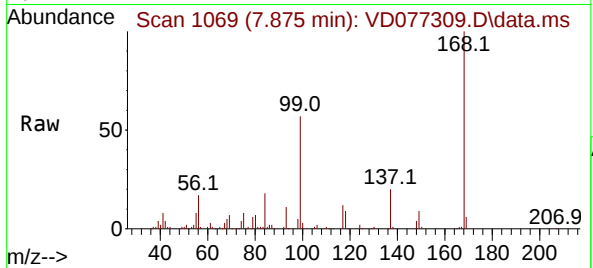
Tgt Ion:	83	Resp:	58399
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.4	80.2





#31
Cyclohexane
Concen: 9.783 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

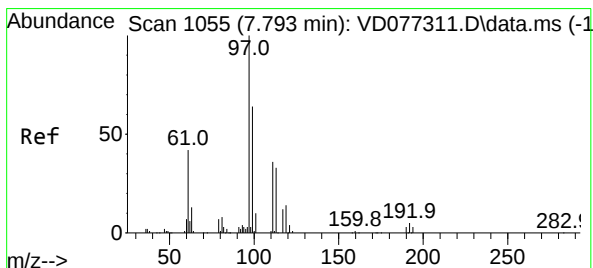
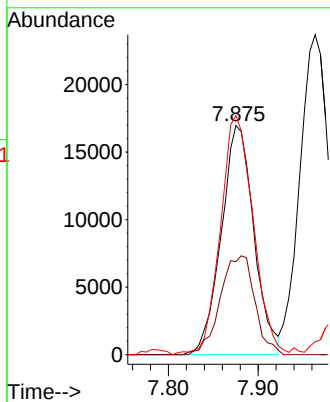
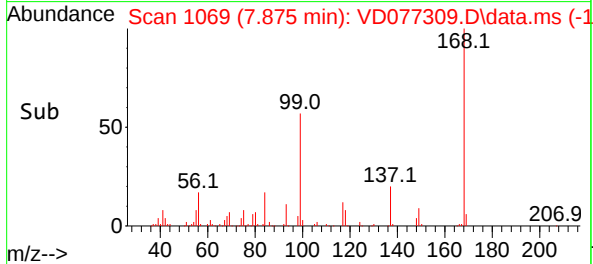
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



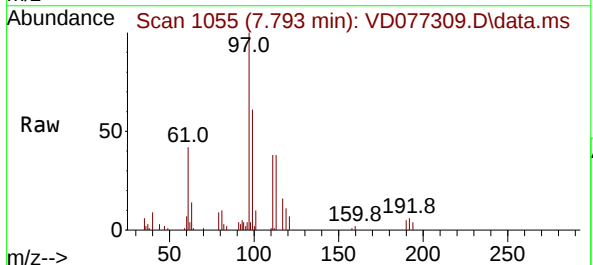
Tgt Ion: 56 Resp: 4289
Ion Ratio Lower Upper
56 100
69 40.7 28.6 43.0
84 103.4 84.8 127.2

Manual Integrations
APPROVED

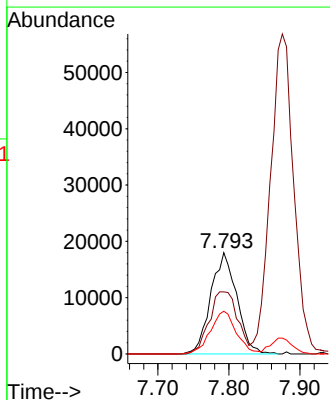
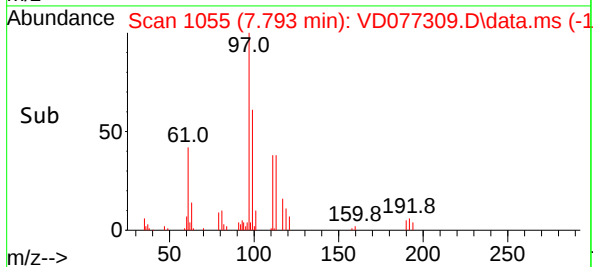
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

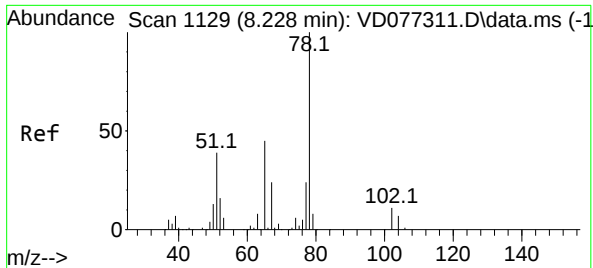


#32
1,1,1-Trichloroethane
Concen: 10.112 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



Tgt Ion: 97 Resp: 45825
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 42.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.869 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 20070

Ion Ratio Lower Upper

65 100

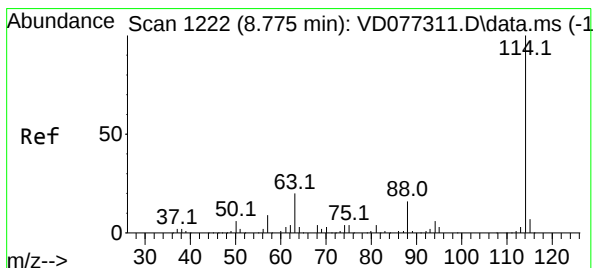
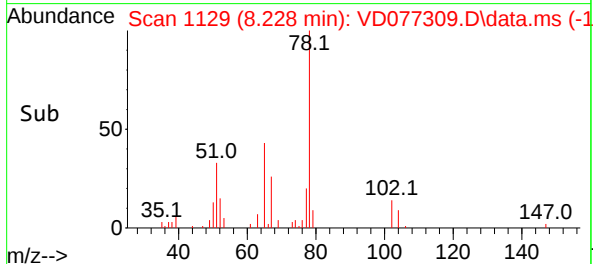
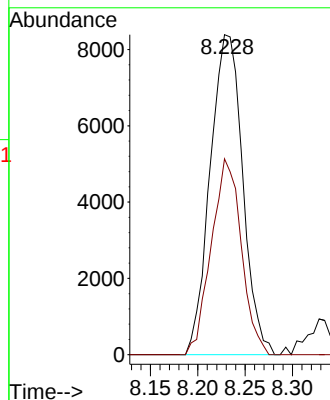
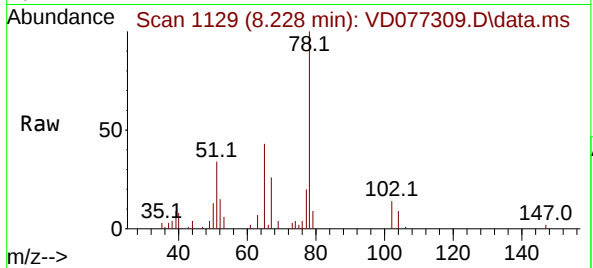
67 56.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

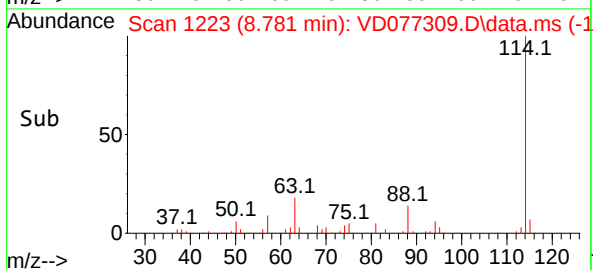
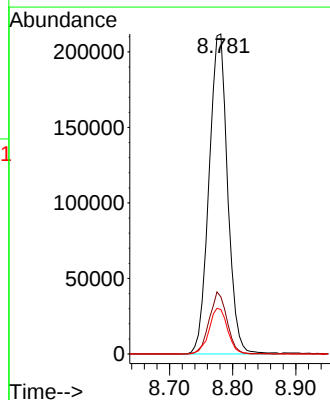
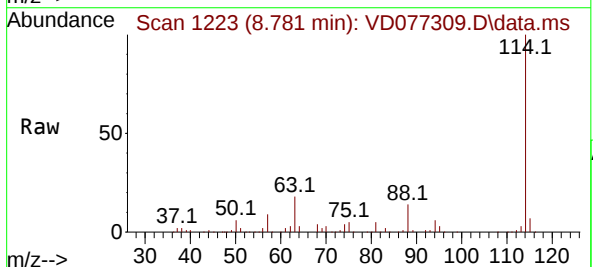
Tgt Ion:114 Resp: 433159

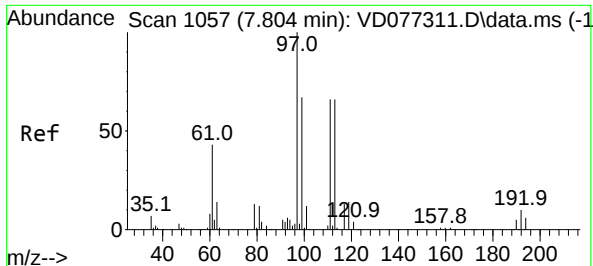
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.990 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:113 Resp: 25289

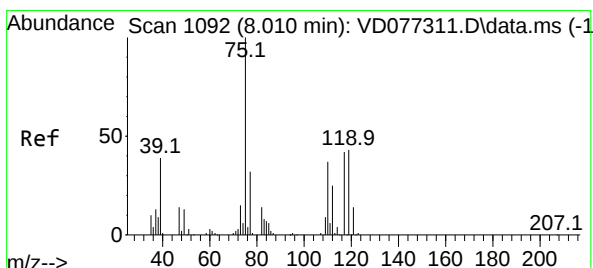
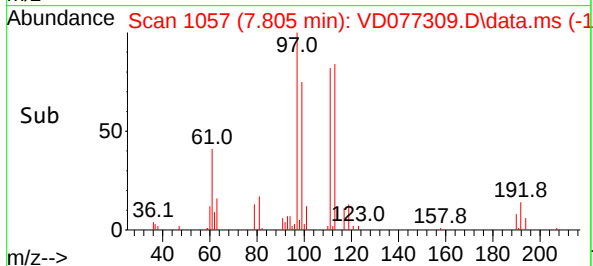
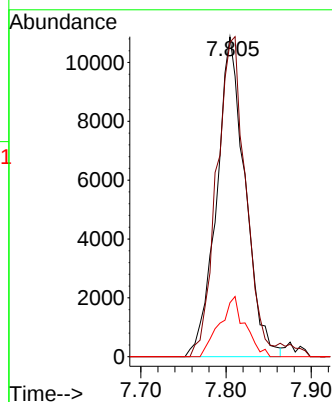
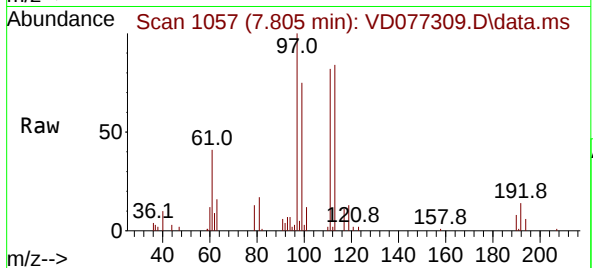
Ion	Ratio	Lower	Upper
113	100		
111	101.4	84.7	127.1
192	16.9	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#36

1,1-Dichloropropene

Concen: 9.481 ug/l

RT: 8.005 min Scan# 1091

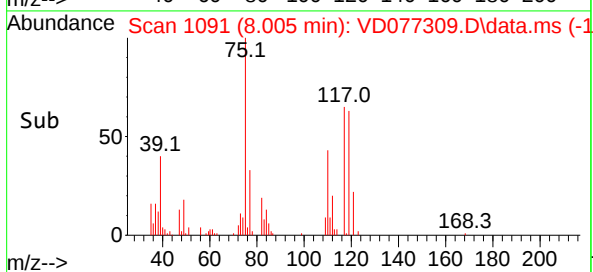
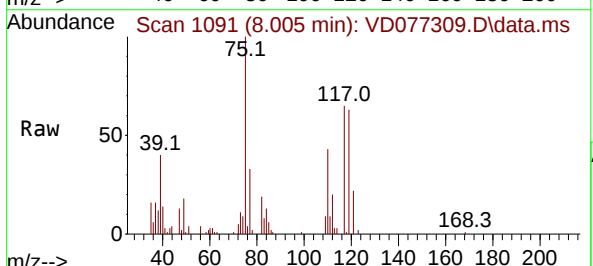
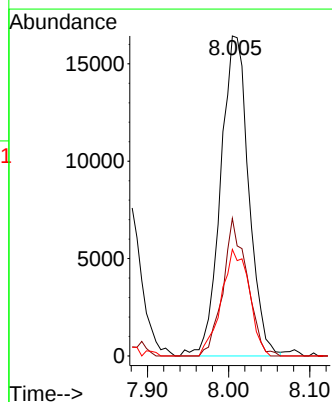
Delta R.T. -0.006 min

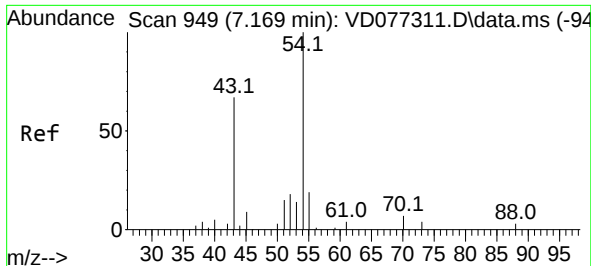
Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion: 75 Resp: 39549

Ion	Ratio	Lower	Upper
75	100		
110	37.1	19.9	59.6
77	33.0	24.7	37.1





#37

Ethyl Acetate

Concen: 9.777 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

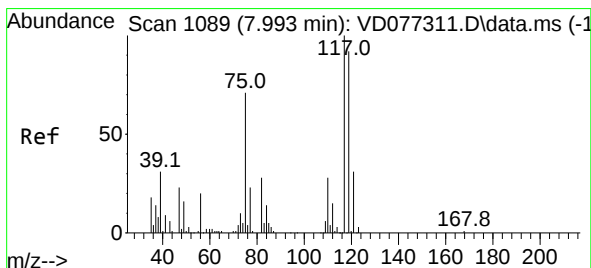
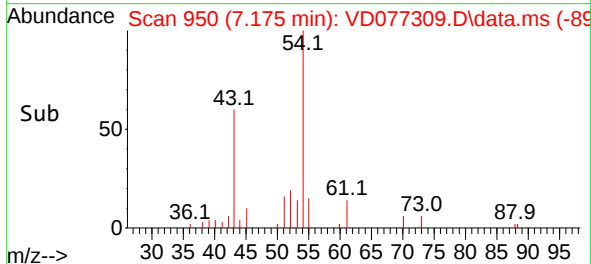
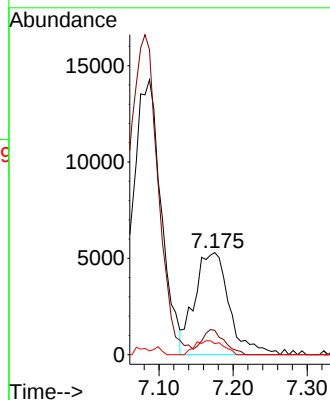
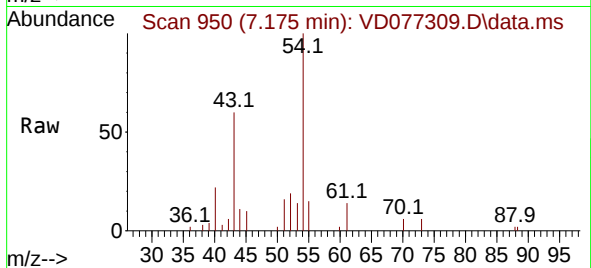
Tgt Ion: 43 Resp: 1711

Ion	Ratio	Lower	Upper
43	100		
61	15.9	14.9	22.3
70	11.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#38

Carbon Tetrachloride

Concen: 9.853 ug/l

RT: 7.987 min Scan# 1088

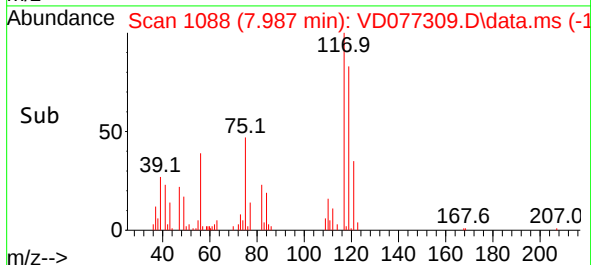
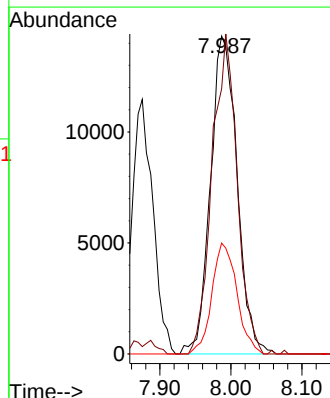
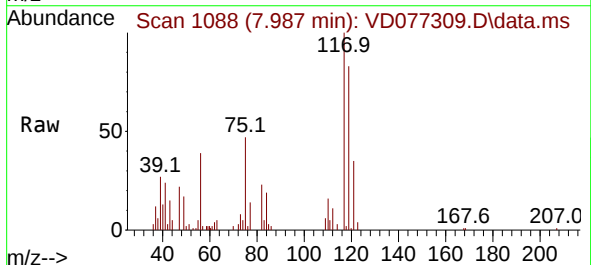
Delta R.T. -0.006 min

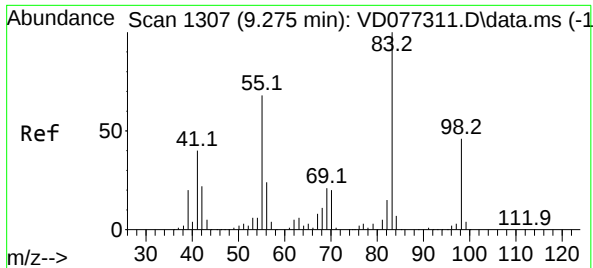
Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:117 Resp: 37285

Ion	Ratio	Lower	Upper
117	100		
119	83.5	78.0	117.0
121	34.9	24.2	36.2





#39

Methylcyclohexane

Concen: 8.618 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

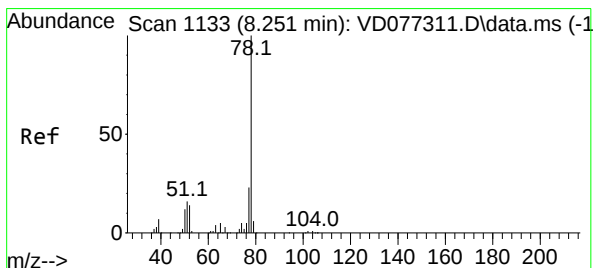
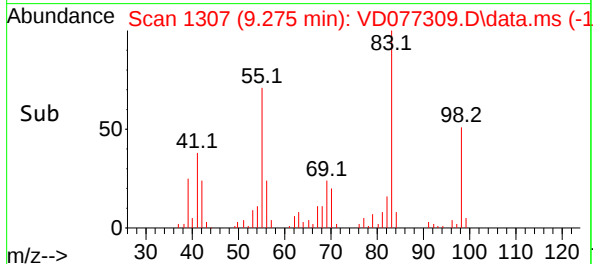
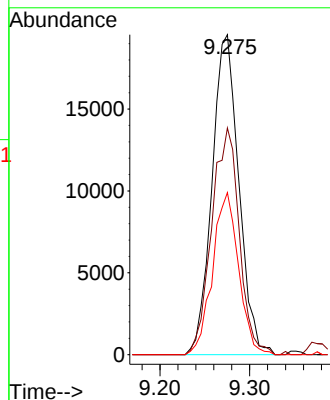
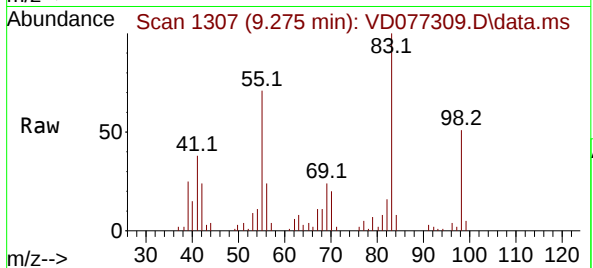
Tgt Ion: 83 Resp: 4051

Ion	Ratio	Lower	Upper
83	100		
55	70.9	49.4	74.0
98	50.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#40

Benzene

Concen: 10.096 ug/l

RT: 8.252 min Scan# 1133

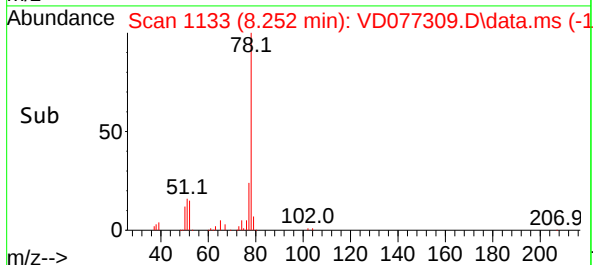
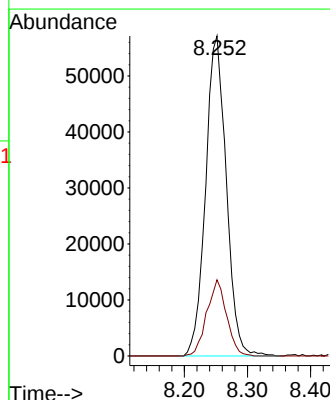
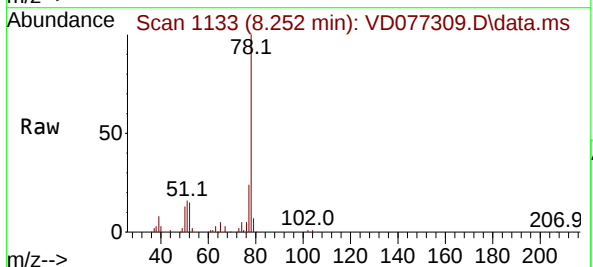
Delta R.T. 0.000 min

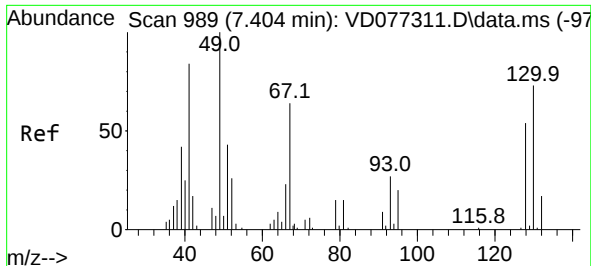
Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion: 78 Resp: 129931

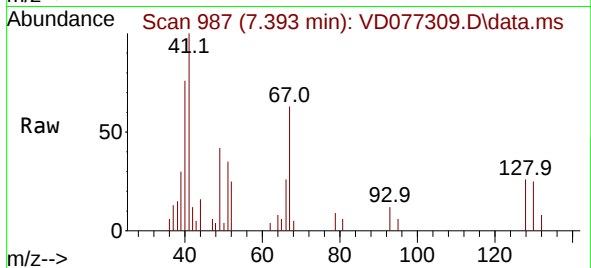
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





#41
Methacrylonitrile
Concen: 9.404 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

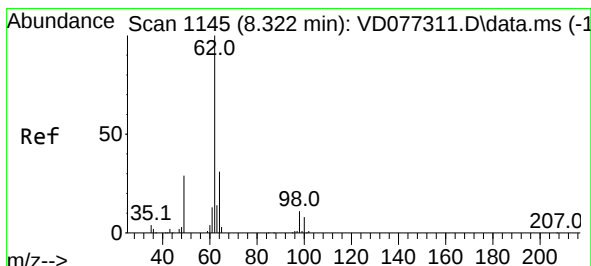
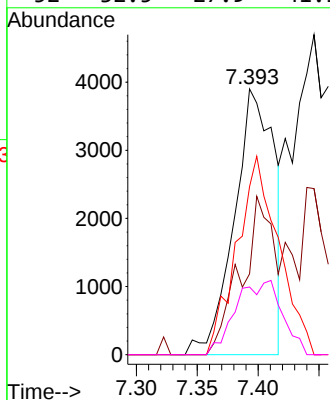
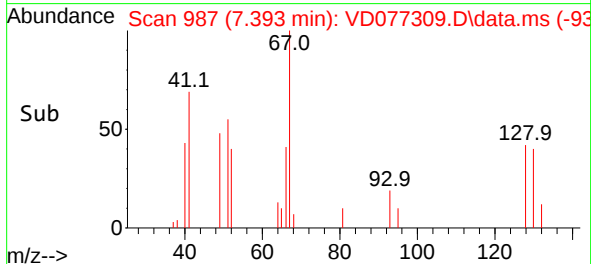
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



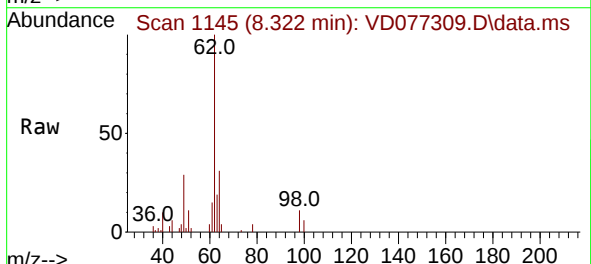
Tgt Ion: 41 Resp: 888
Ion Ratio Lower Upper
41 100
39 61.4 34.0 51.0
67 78.1 77.0 115.4
52 32.5 27.9 41.9

Manual Integrations
APPROVED

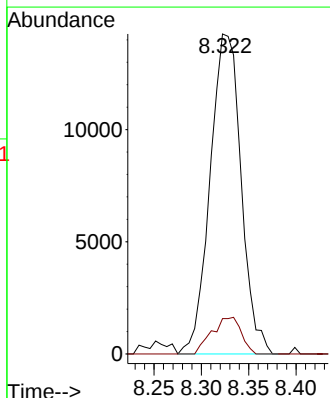
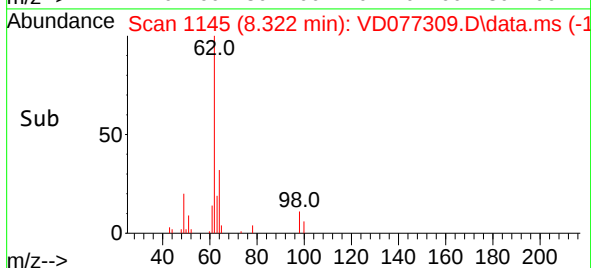
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

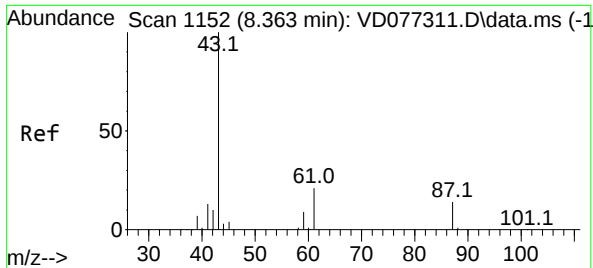


#42
1,2-Dichloroethane
Concen: 10.506 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



Tgt Ion: 62 Resp: 32501
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4





#43

Isopropyl Acetate

Concen: 9.817 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

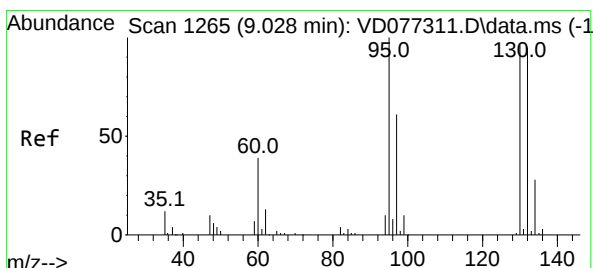
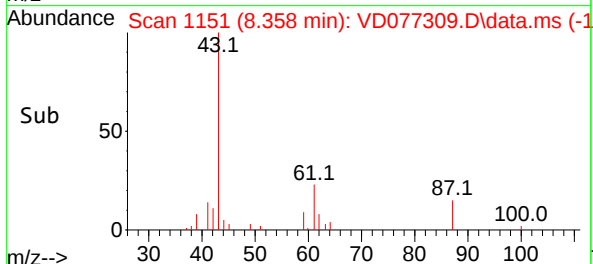
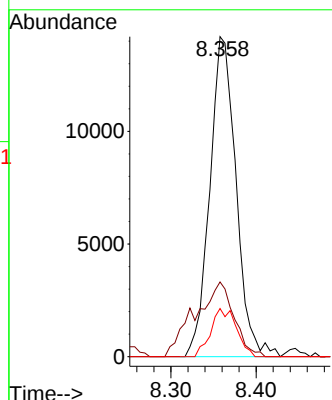
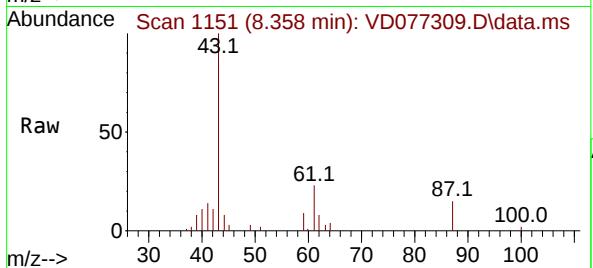
Tgt Ion: 43 Resp: 3044

Ion	Ratio	Lower	Upper
43	100		
61	34.5	31.4	47.0
87	14.7	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#44

Trichloroethene

Concen: 9.664 ug/l

RT: 9.028 min Scan# 1265

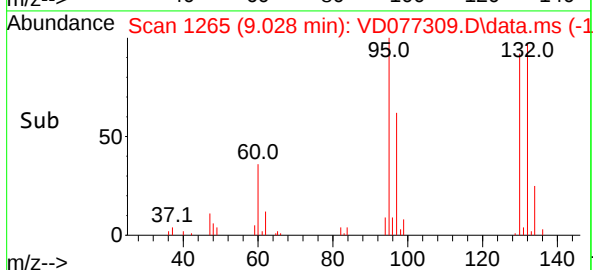
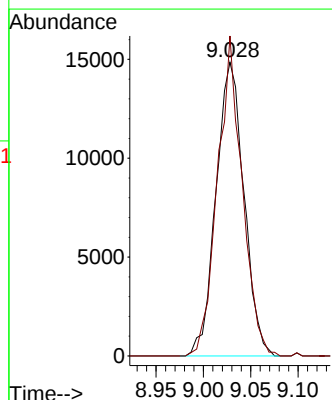
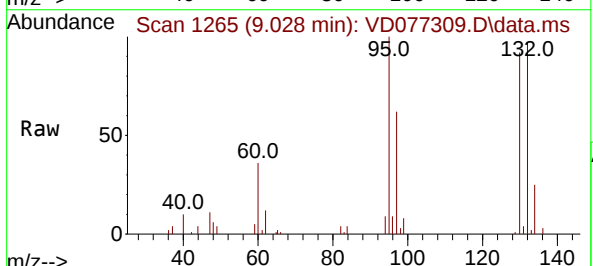
Delta R.T. 0.000 min

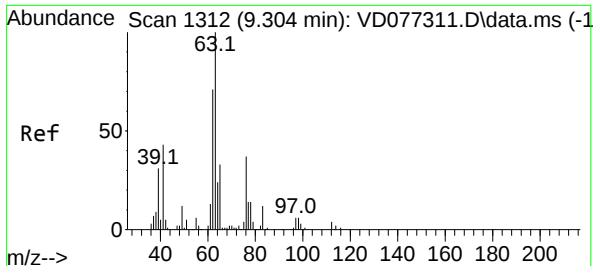
Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:130 Resp: 30478

Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	179.2





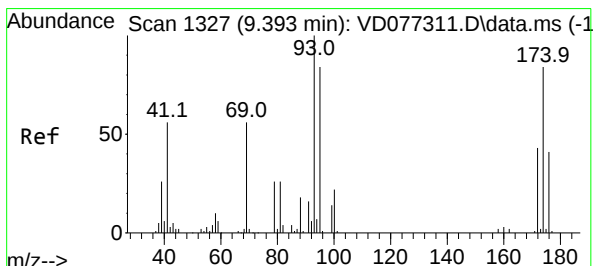
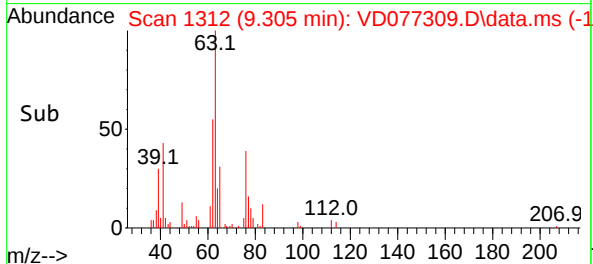
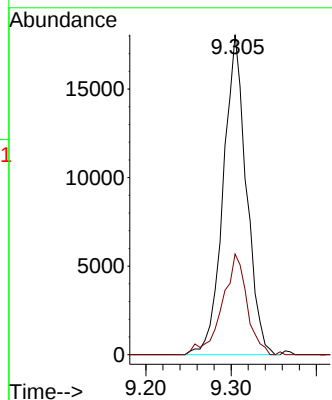
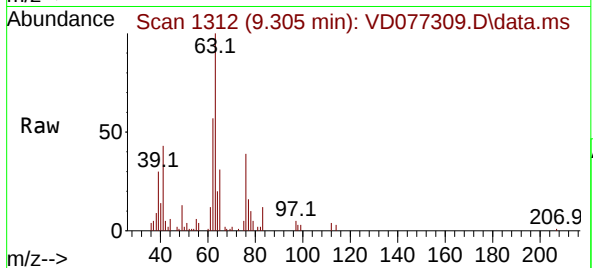
#45
1,2-Dichloropropane
Concen: 10.305 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 34110
Ion Ratio Lower Upper
63 100
65 31.5 24.5 36.7

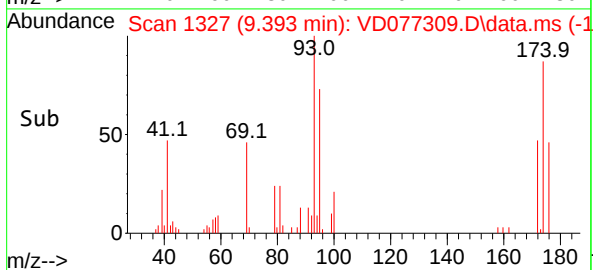
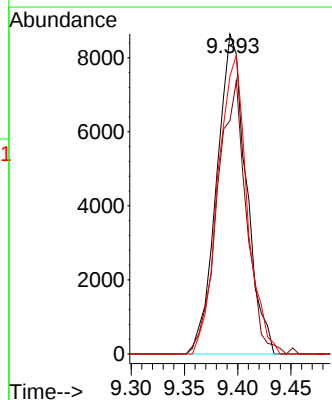
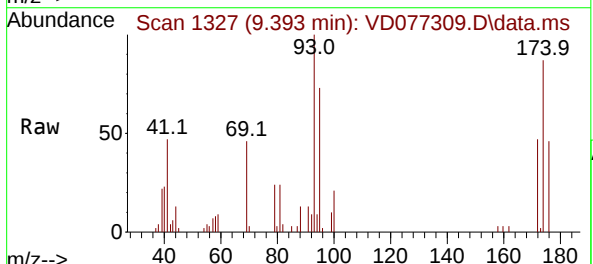
Manual Integrations
APPROVED

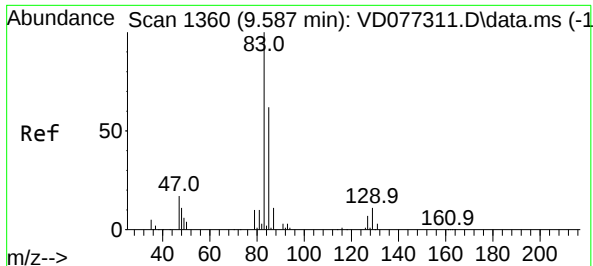
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#46
Dibromomethane
Concen: 9.570 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 93 Resp: 16603
Ion Ratio Lower Upper
93 100
95 84.4 67.7 101.5
174 92.6 85.4 128.2





#47

Bromodichloromethane

Concen: 10.216 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

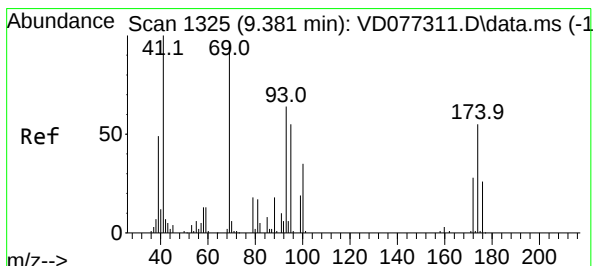
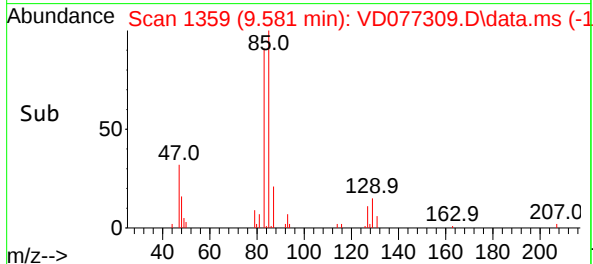
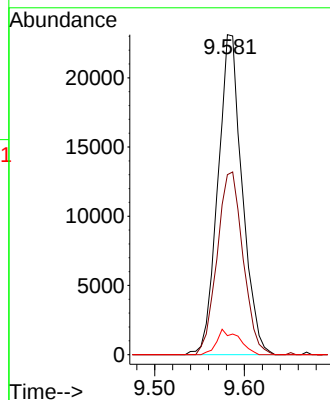
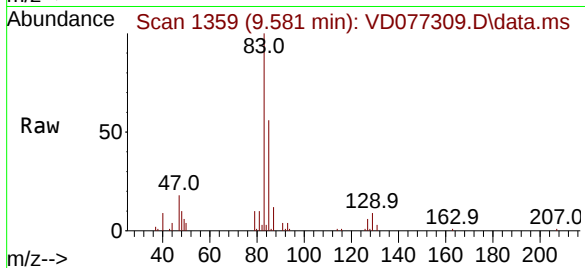
VSTDICC010

Tgt Ion: 83	Resp: 4345
Ion Ratio	Lower Upper
83 100	
85 56.3	50.2 75.4
127 6.0	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#48

Methyl methacrylate

Concen: 8.144 ug/l

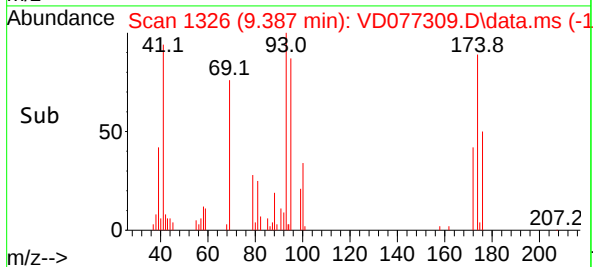
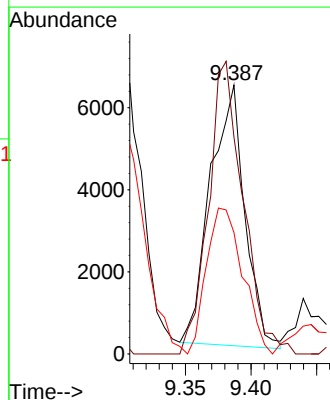
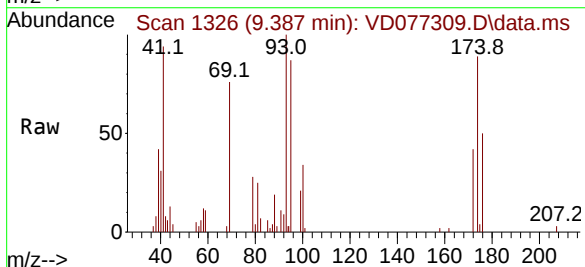
RT: 9.387 min Scan# 1326

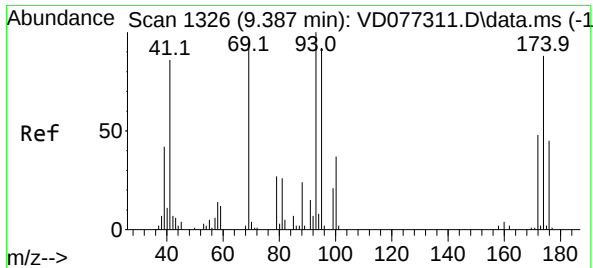
Delta R.T. 0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion: 41	Resp: 11635
Ion Ratio	Lower Upper
41 100	
69 112.7	102.2 153.2
39 59.0	41.4 62.2





#49

1,4-Dioxane

Concen: 186.818 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 3308

Ion Ratio Lower Upper

88 100

43 31.0 19.0 28.6

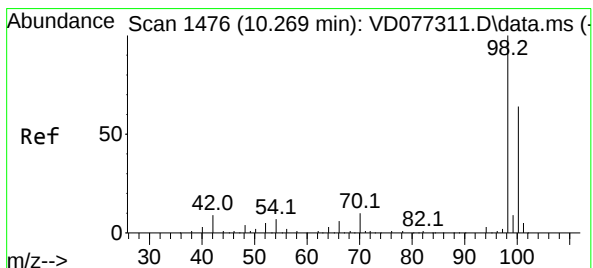
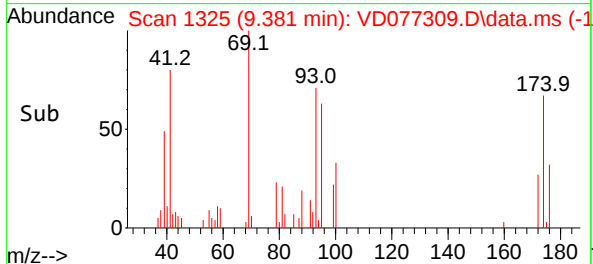
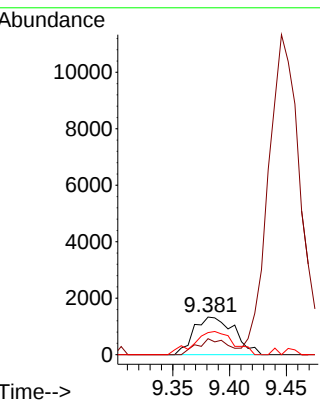
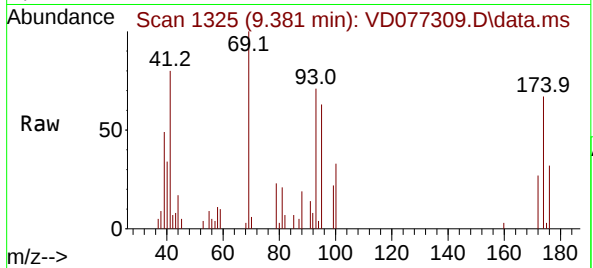
58 59.8 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#50

Toluene-d8

Concen: 10.014 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077309.D

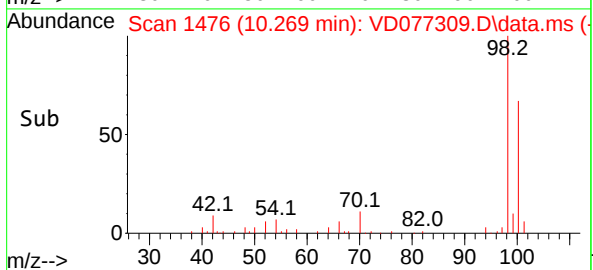
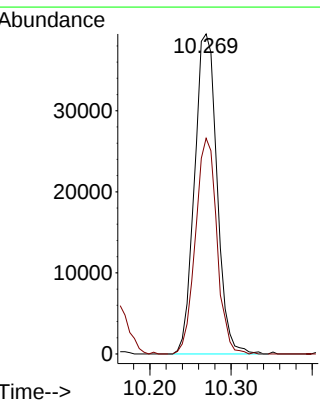
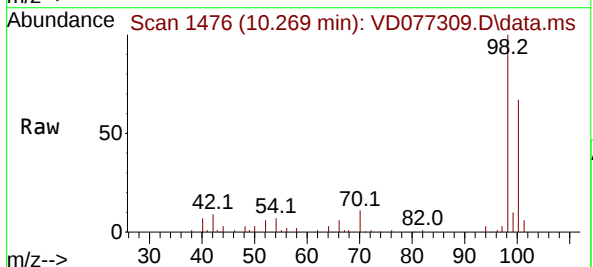
Acq: 11 Oct 2023 16:44

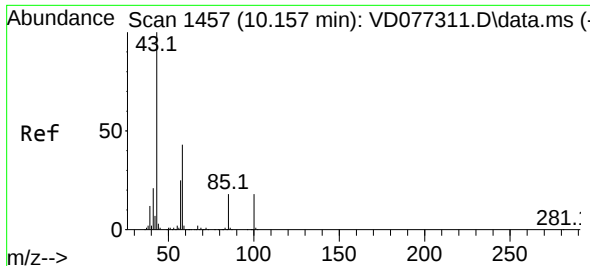
Tgt Ion: 98 Resp: 75764

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5





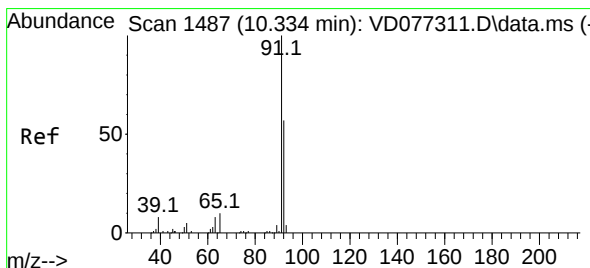
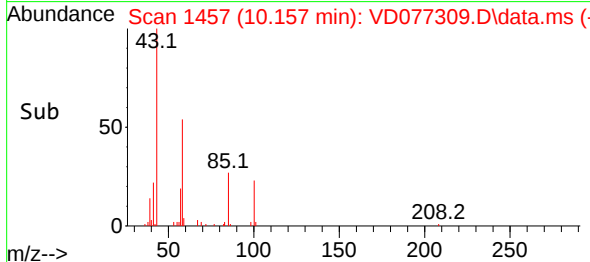
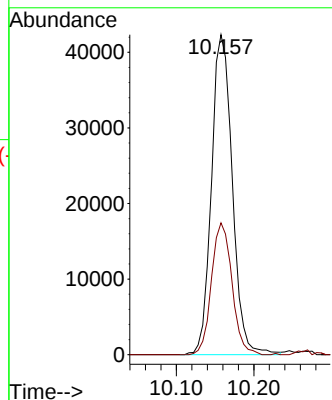
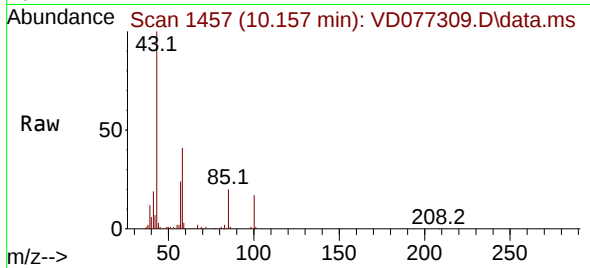
#51
4-Methyl-2-Pentanone
Concen: 48.823 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 7913
Ion Ratio Lower Upper
43 100
58 40.5 38.9 58.3

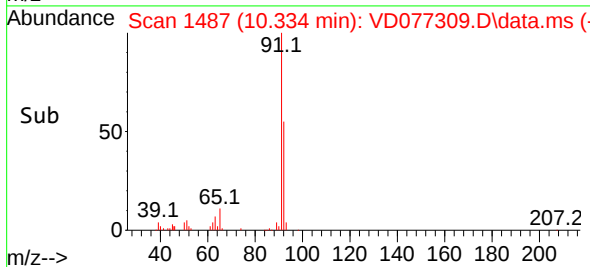
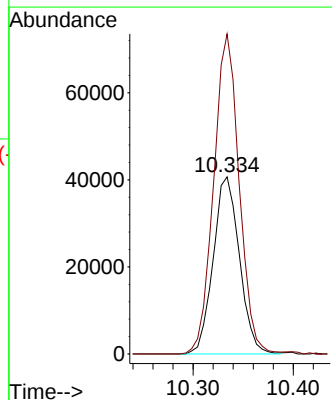
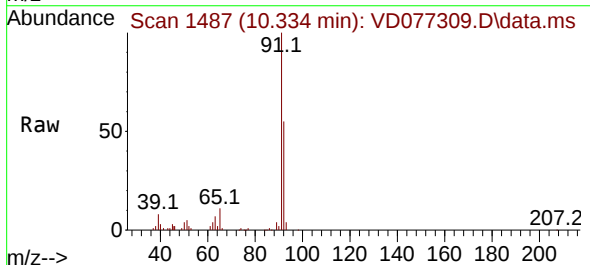
Manual Integrations
APPROVED

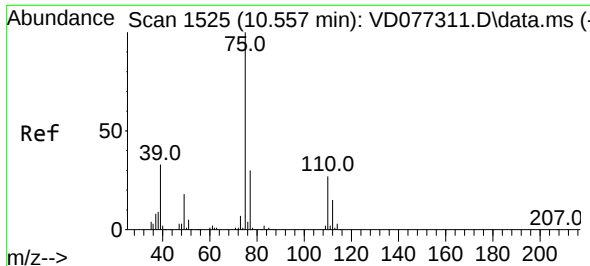
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#52
Toluene
Concen: 9.402 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 92 Resp: 73852
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4





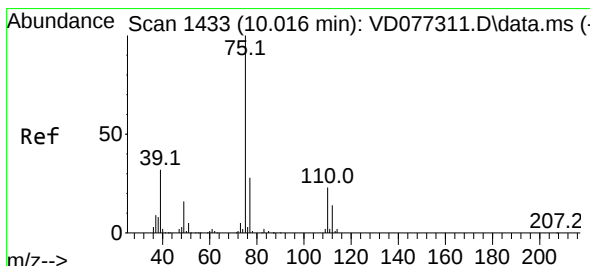
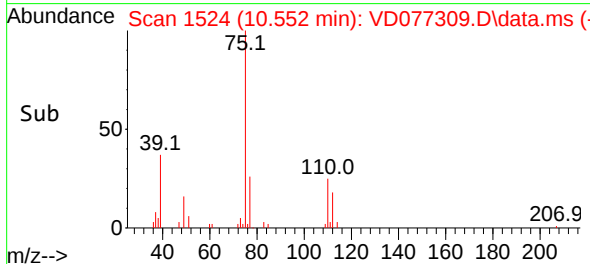
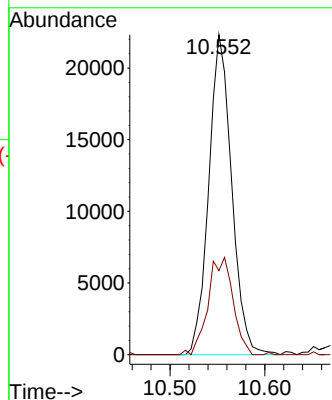
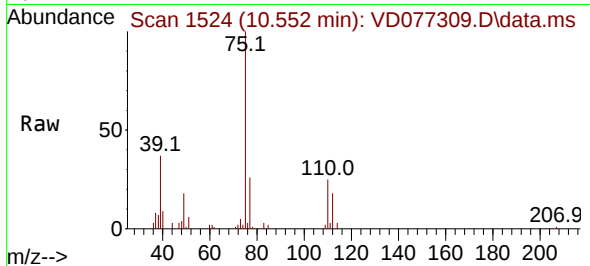
#53
t-1,3-Dichloropropene
Concen: 9.395 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 37470
Ion Ratio Lower Upper
75 100
77 26.3 25.3 37.9

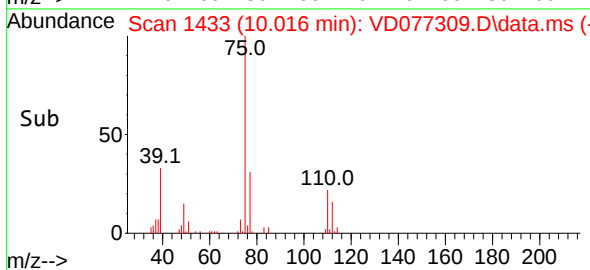
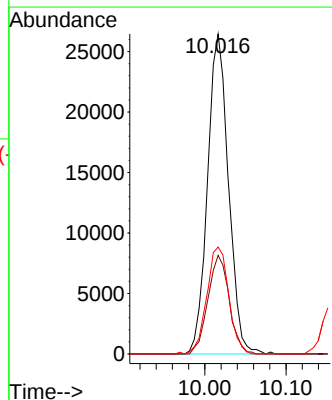
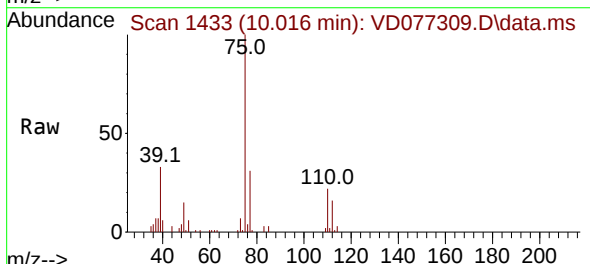
Manual Integrations
APPROVED

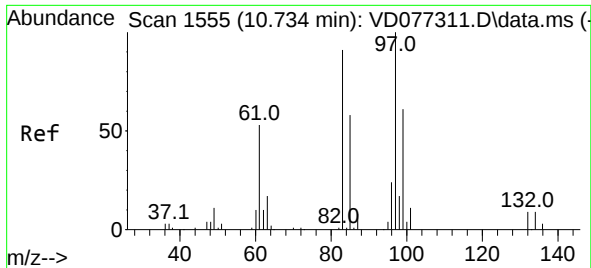
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#54
cis-1,3-Dichloropropene
Concen: 9.574 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

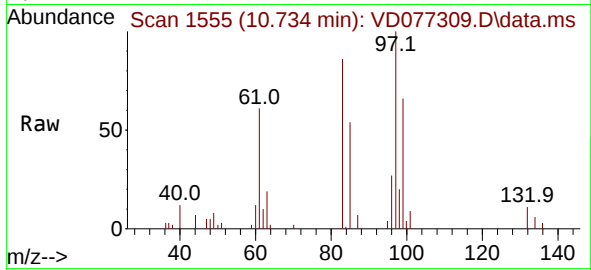
Tgt Ion: 75 Resp: 47353
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 33.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 9.867 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

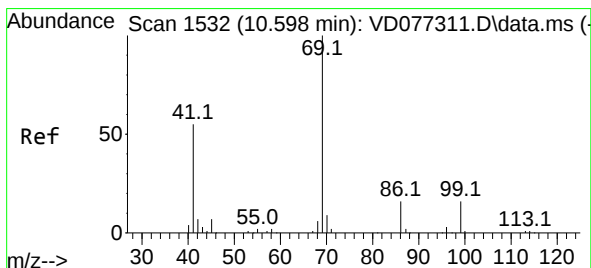
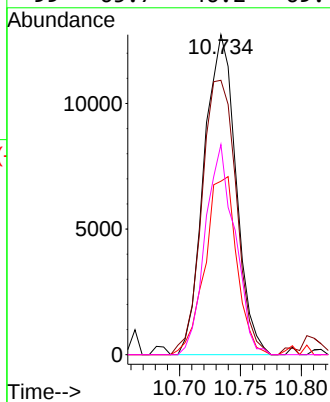
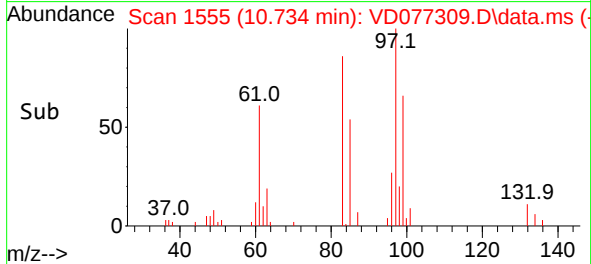
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



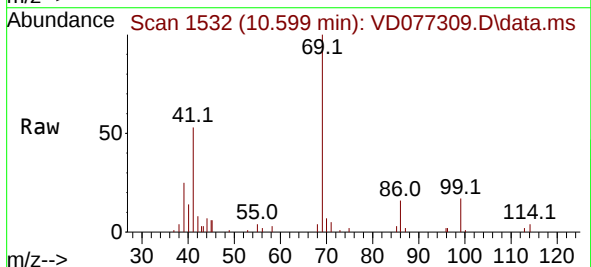
Tgt Ion:	97	Resp:	2326
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.8	98.6
85	54.2	45.7	68.5
99	65.7	46.2	69.4

Manual Integrations
APPROVED

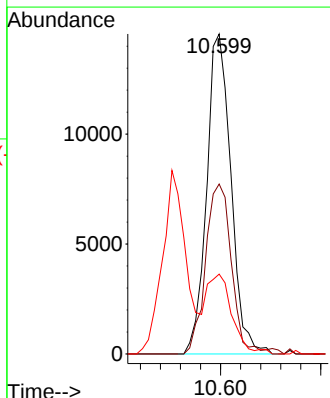
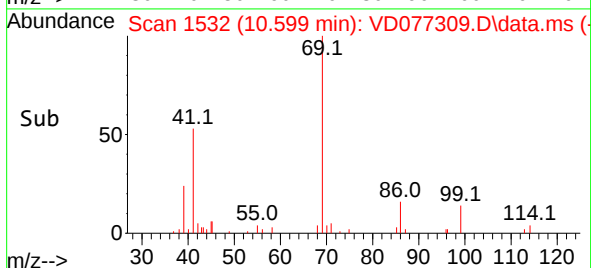
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

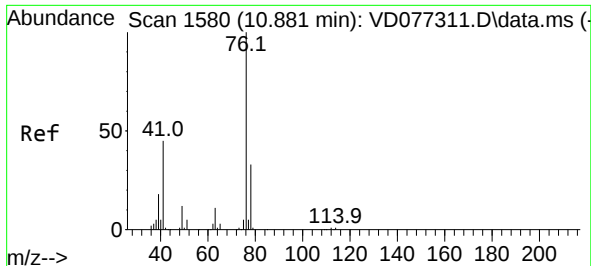


#56
Ethyl methacrylate
Concen: 9.652 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



Tgt Ion:	69	Resp:	24500
Ion	Ratio	Lower	Upper
69	100		
41	57.0	39.1	58.7
39	25.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 10.155 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 4135

Ion Ratio Lower Upper

76 100

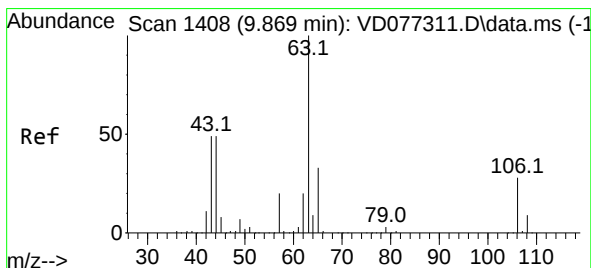
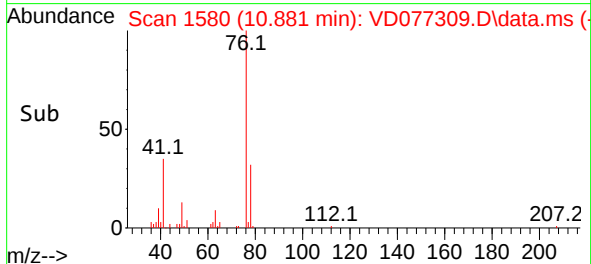
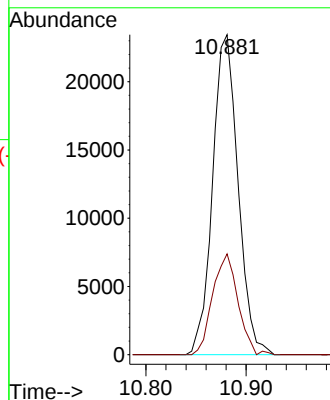
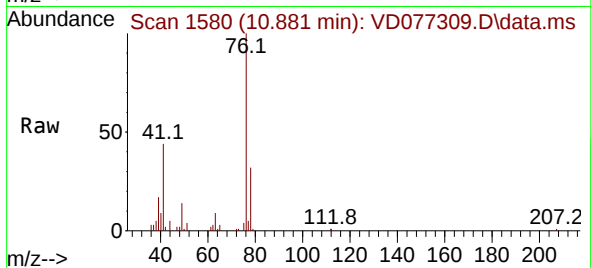
78 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 51.604 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077309.D

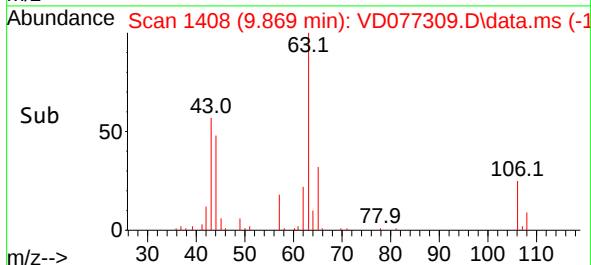
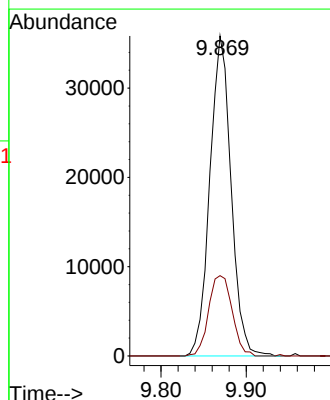
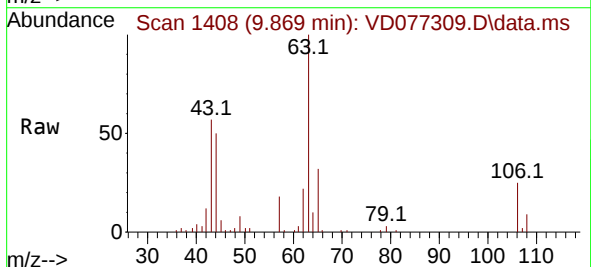
Acq: 11 Oct 2023 16:44

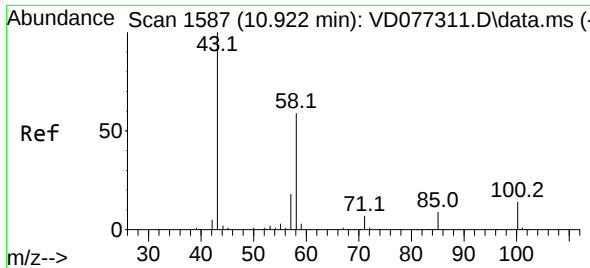
Tgt Ion: 63 Resp: 61996

Ion Ratio Lower Upper

63 100

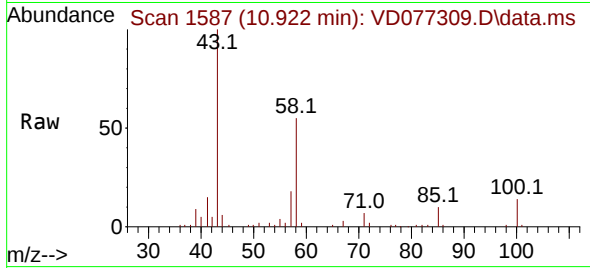
106 27.7 25.3 37.9





#59
2-Hexanone
Concen: 47.779 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

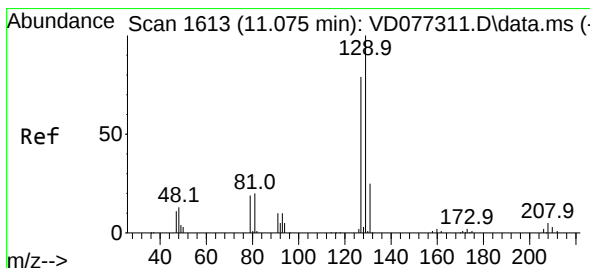
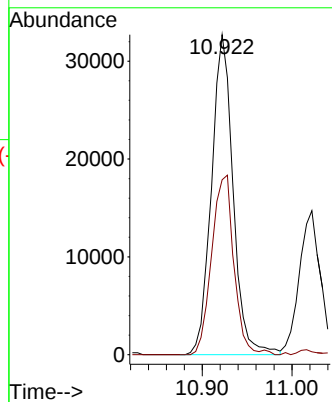
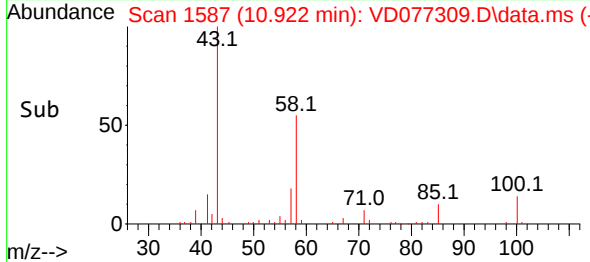
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 54770
Ion Ratio Lower Upper
43 100
58 57.6 34.1 102.2

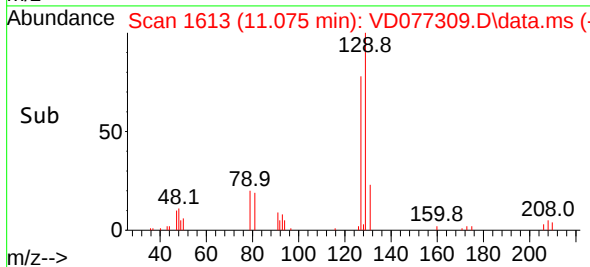
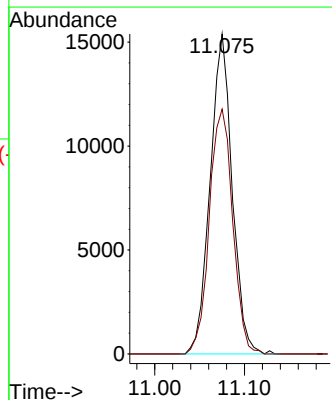
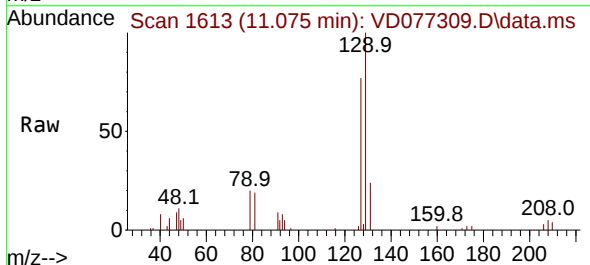
Manual Integrations
APPROVED

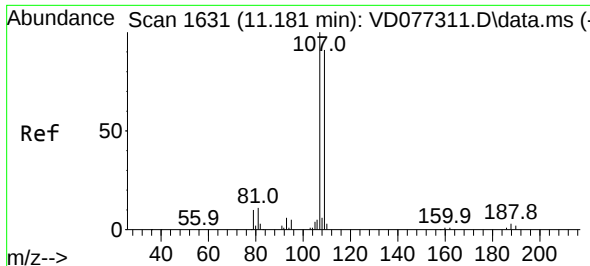
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#60
Dibromochloromethane
Concen: 9.765 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

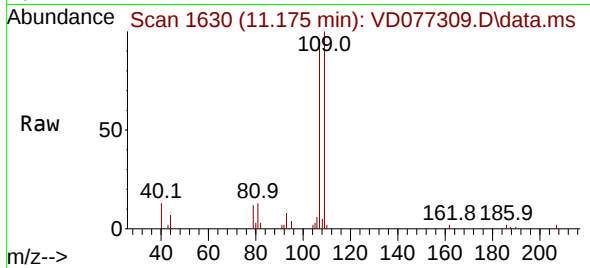
Tgt Ion:129 Resp: 26299
Ion Ratio Lower Upper
129 100
127 81.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 9.347 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

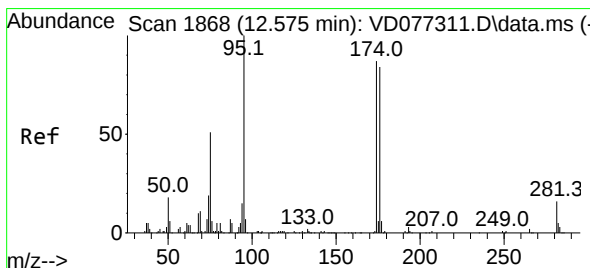
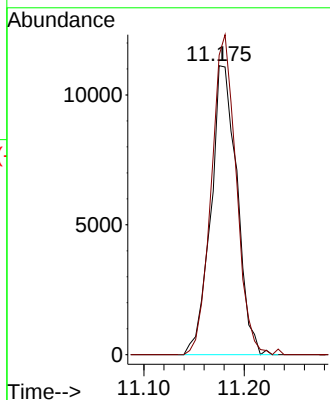
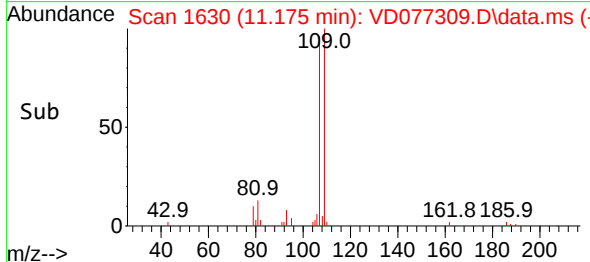
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



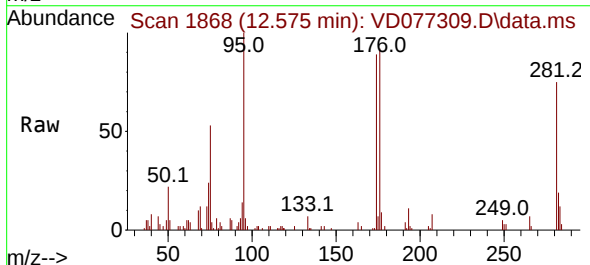
Tgt Ion:107 Resp: 20118
Ion Ratio Lower Upper
107 100
109 105.2 75.6 113.4

Manual Integrations
APPROVED

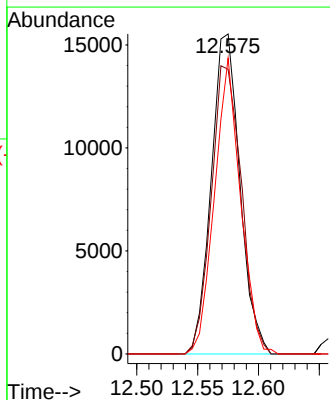
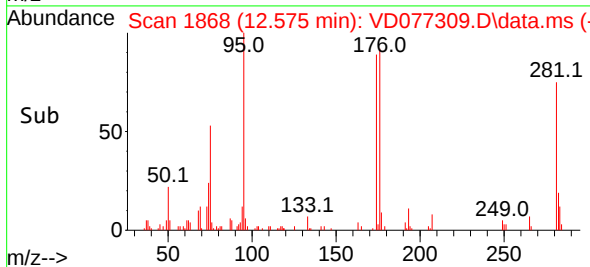
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

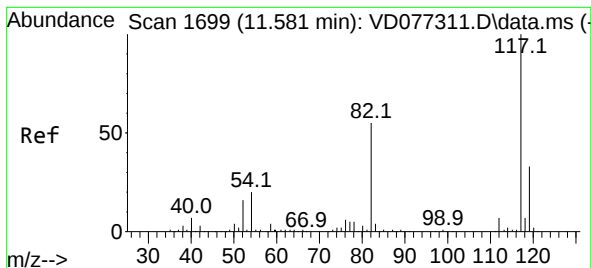


#62
4-Bromofluorobenzene
Concen: 10.014 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44



Tgt Ion: 95 Resp: 25445
Ion Ratio Lower Upper
95 100
174 94.4 0.0 201.8
176 83.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:117 Resp: 39264

Ion Ratio Lower Upper

117 100

82 53.4 38.3 57.5

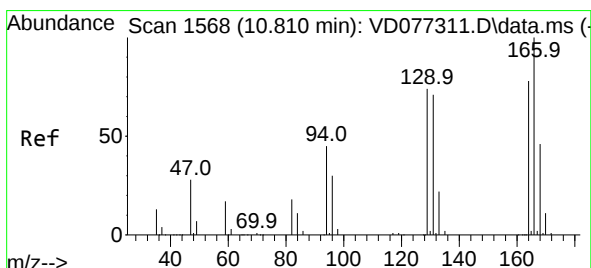
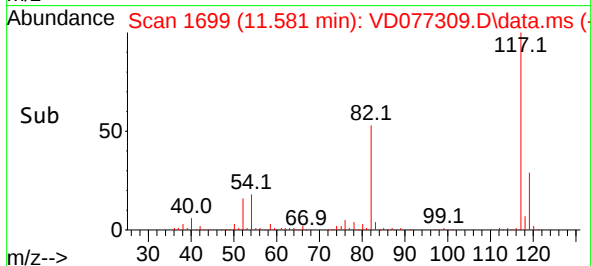
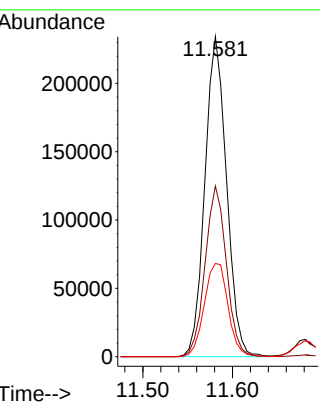
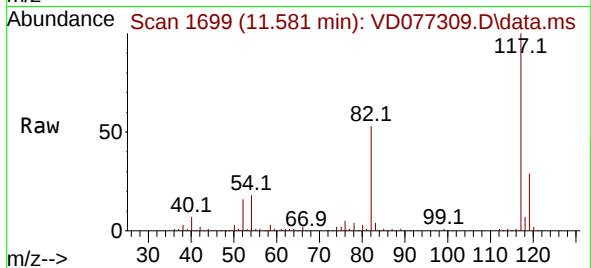
119 29.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#64

Tetrachloroethene

Concen: 10.448 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:164 Resp: 26189

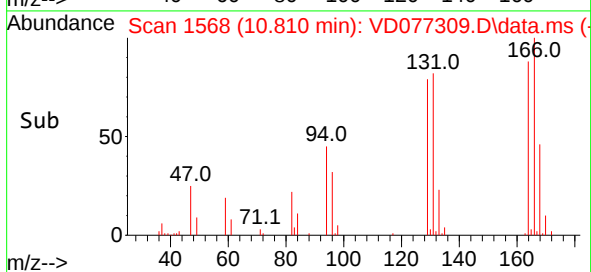
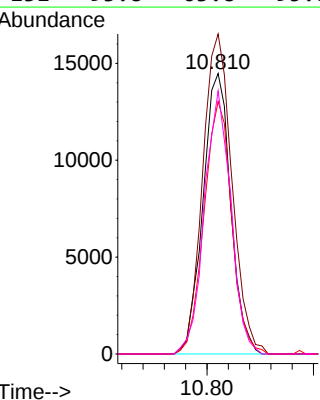
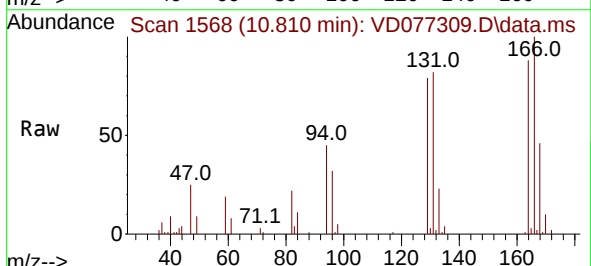
Ion Ratio Lower Upper

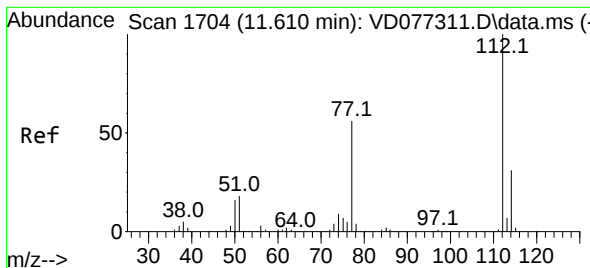
164 100

166 114.1 99.2 148.8

129 90.1 68.4 102.6

131 93.8 63.8 95.8





#65

Chlorobenzene

Concen: 10.256 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion:112 Resp: 83750

Ion Ratio Lower Upper

112 100

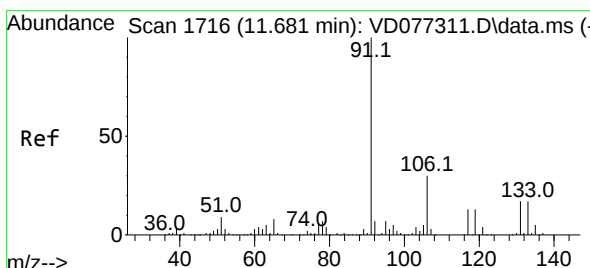
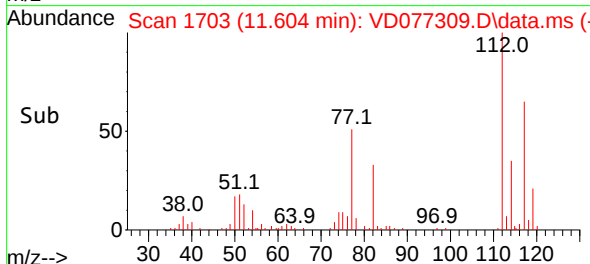
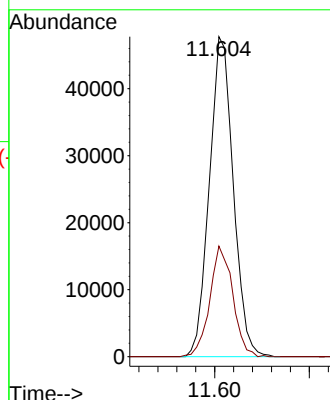
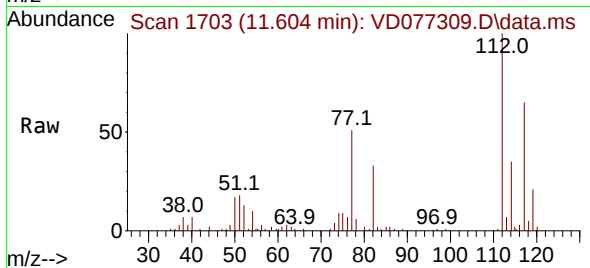
114 34.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 10.000 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

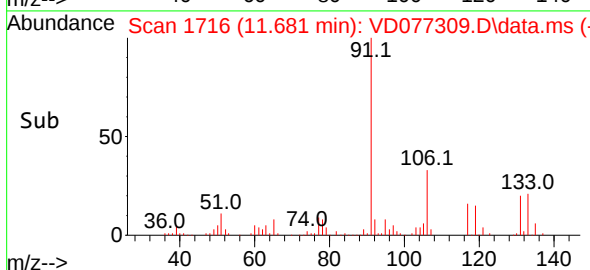
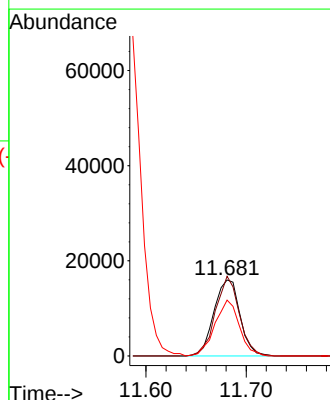
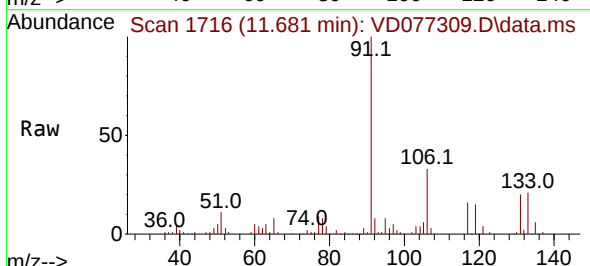
Tgt Ion:131 Resp: 28804

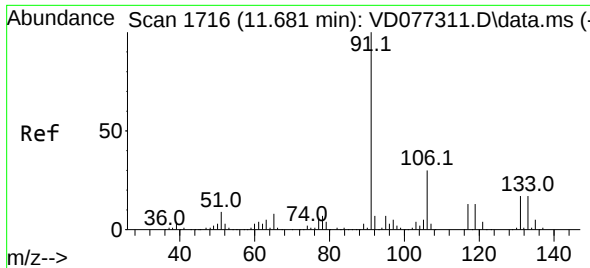
Ion Ratio Lower Upper

131 100

133 96.0 48.5 145.5

119 69.0 35.6 106.9





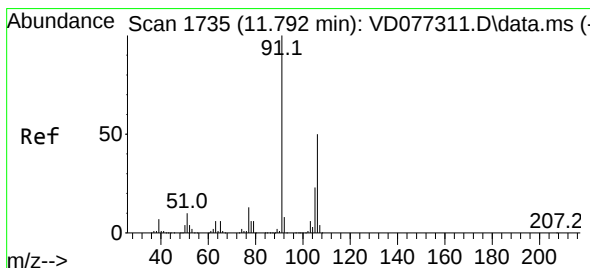
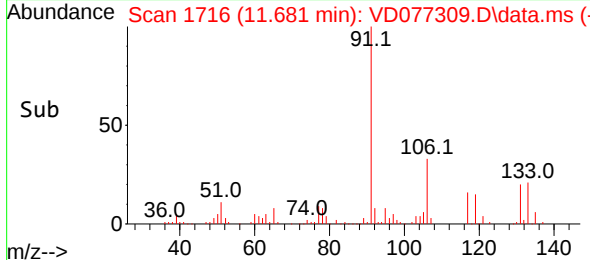
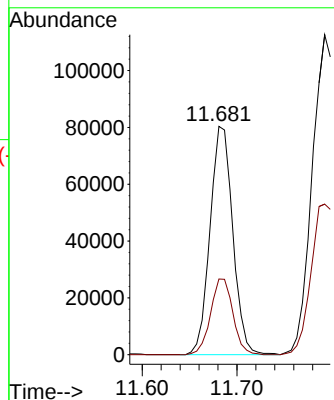
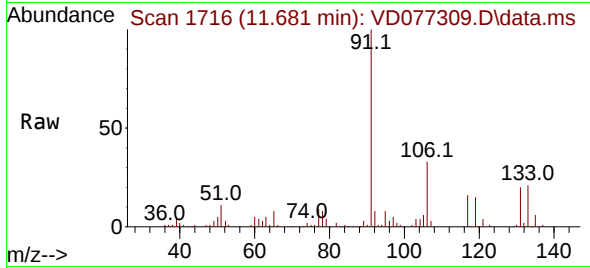
#67
Ethyl Benzene
Concen: 9.216 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 13429
Ion Ratio Lower Upper
91 100
106 33.2 26.5 39.7

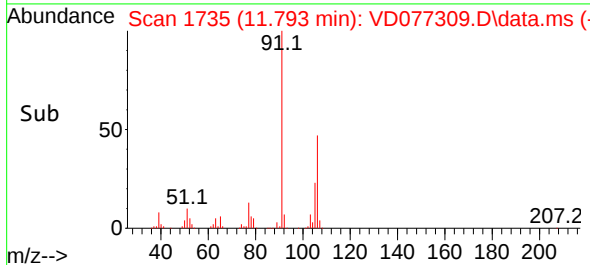
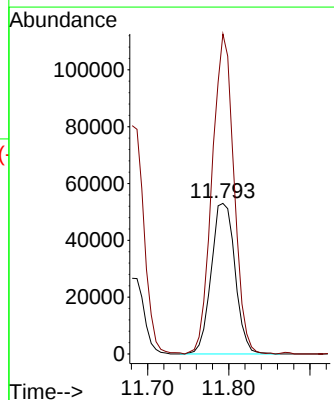
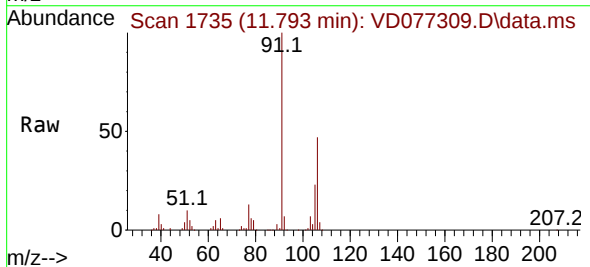
Manual Integrations
APPROVED

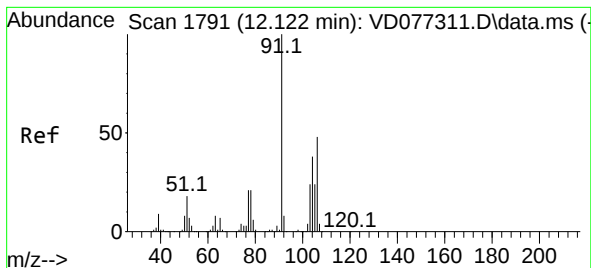
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#68
m/p-Xylenes
Concen: 19.270 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion:106 Resp: 108071
Ion Ratio Lower Upper
106 100
91 194.8 147.0 220.6





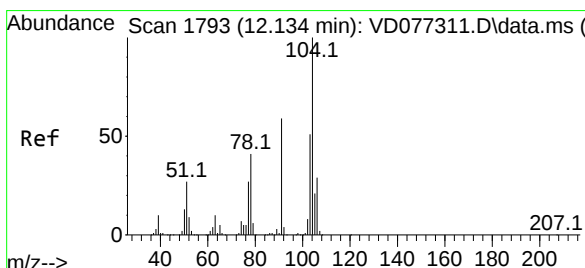
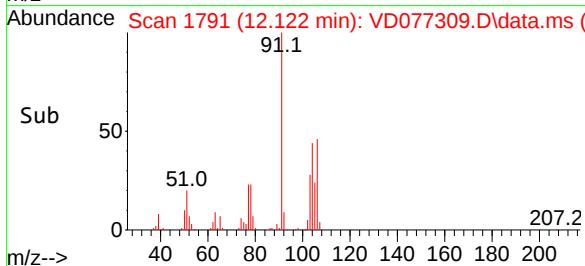
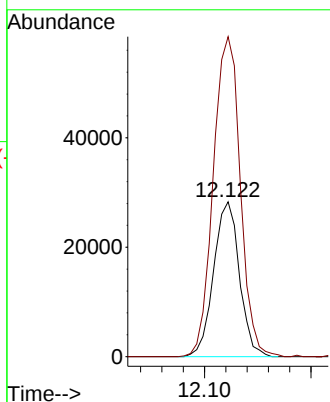
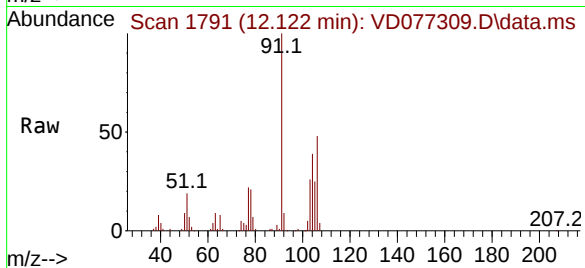
#69
o-Xylene
Concen: 9.149 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 47495
Ion Ratio Lower Upper
106 100
91 216.7 97.9 293.6

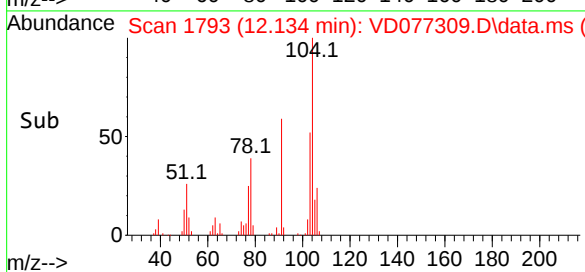
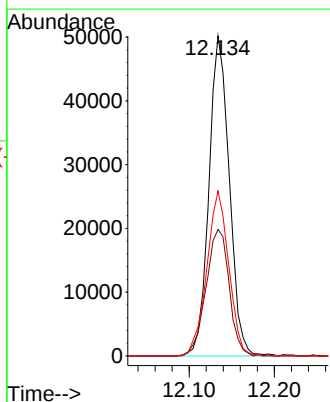
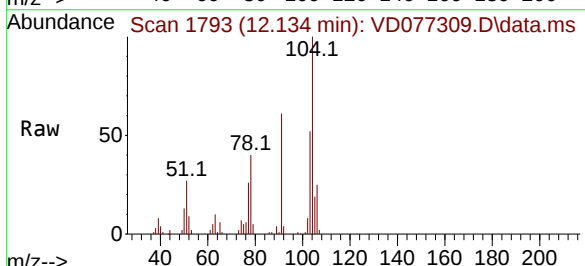
Manual Integrations
APPROVED

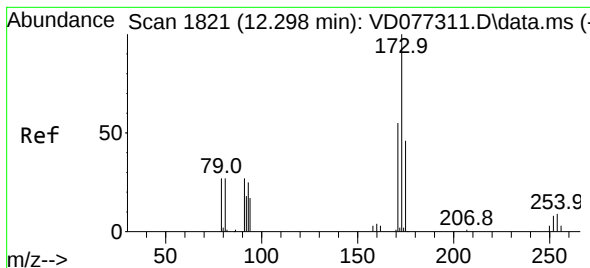
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#70
Styrene
Concen: 9.263 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion:104 Resp: 83323
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 55.6 43.6 65.4





#71

Bromoform

Concen: 10.328 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

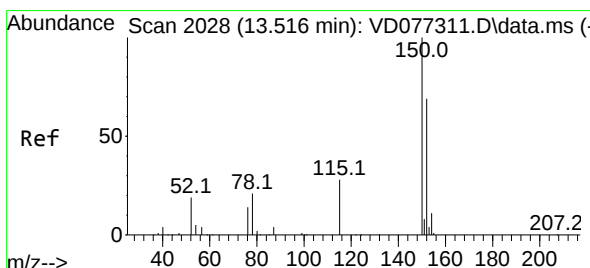
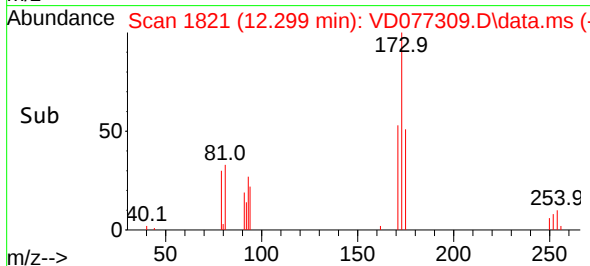
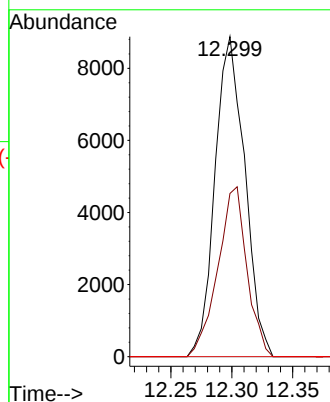
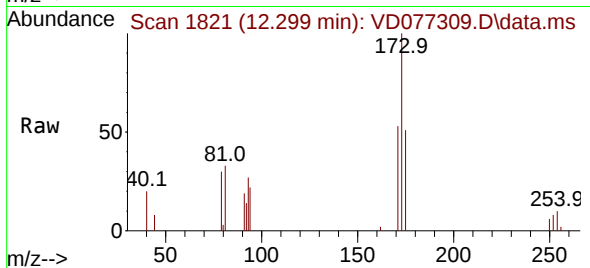
VSTDIC010

Tgt Ion:173	Resp:	15098
Ion Ratio	Lower	Upper
173	100	
175	51.9	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

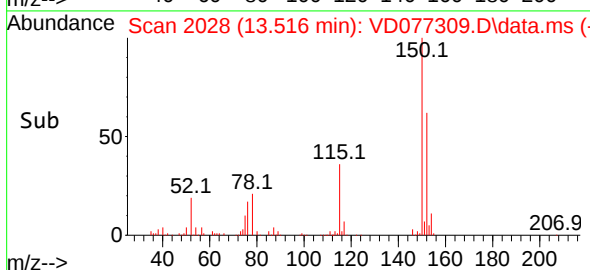
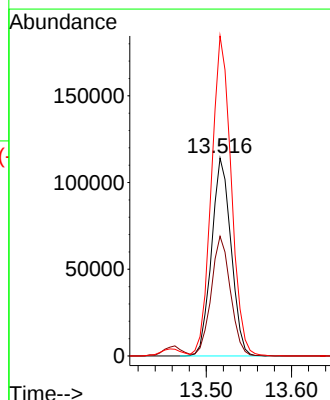
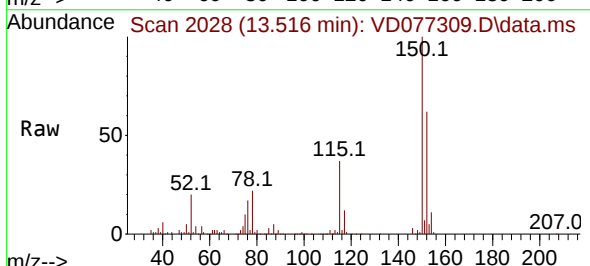
RT: 13.516 min Scan# 2028

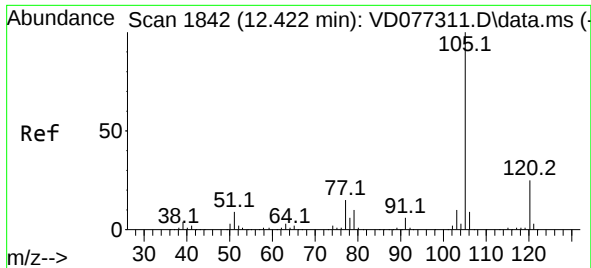
Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:152	Resp:	181242
Ion Ratio	Lower	Upper
152	100	
115	59.8	27.1 81.3
150	164.2	0.0 353.6





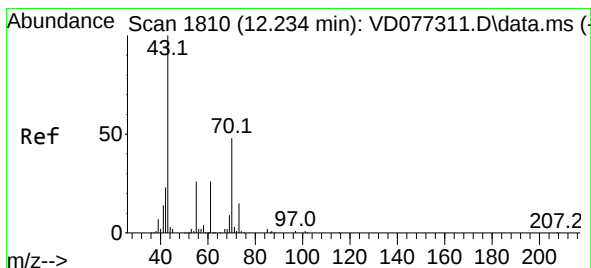
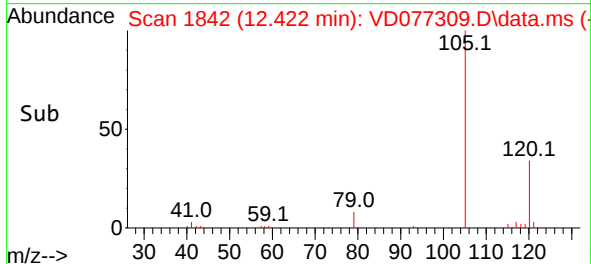
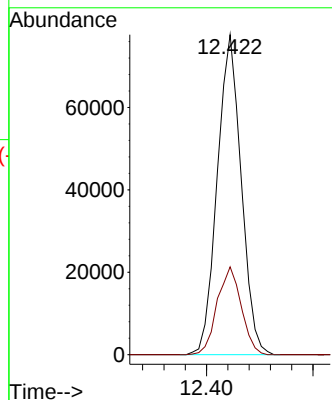
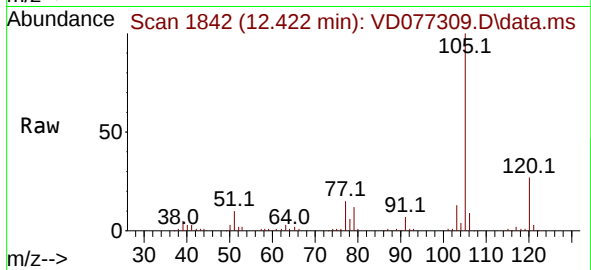
#73
Isopropylbenzene
Concen: 9.042 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 12103
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9

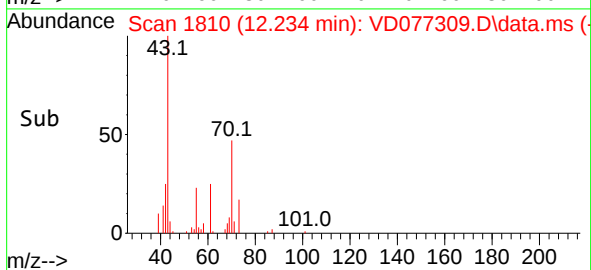
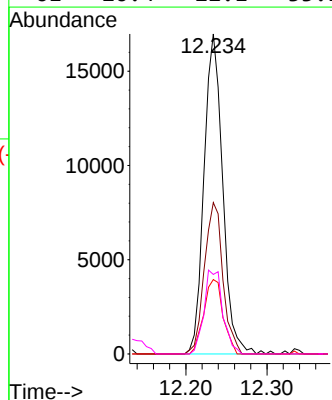
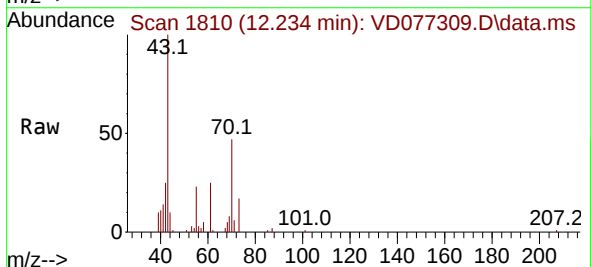
Manual Integrations
APPROVED

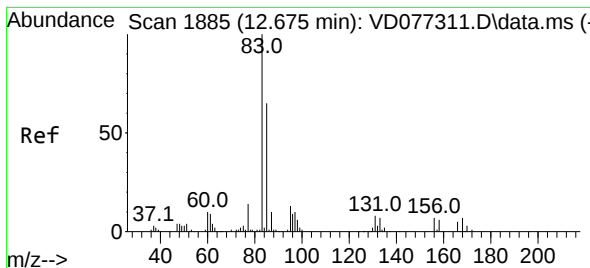
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#74
N-ethyl acetate
Concen: 9.619 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 43 Resp: 27074
Ion Ratio Lower Upper
43 100
70 47.0 45.0 67.4
55 24.1 23.8 35.6
61 26.4 22.1 33.1





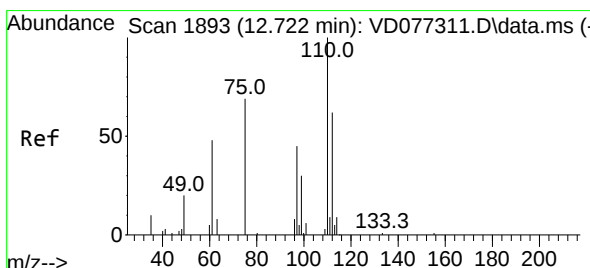
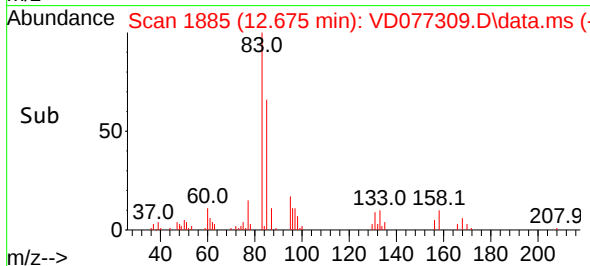
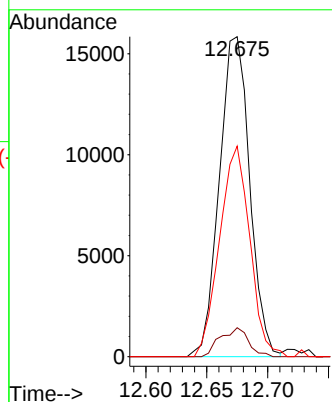
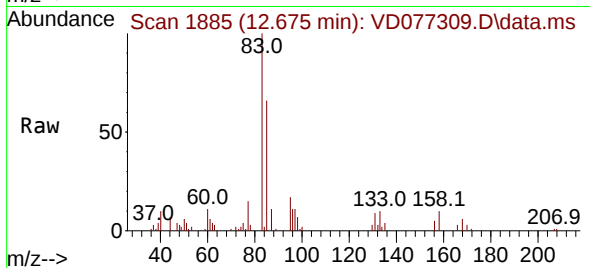
#75
1,1,2,2-Tetrachloroethane
Concen: 10.239 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 27504
Ion Ratio Lower Upper
83 100
131 8.4 5.1 15.3
85 65.5 32.6 97.8

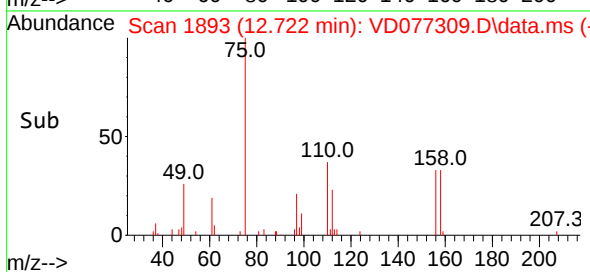
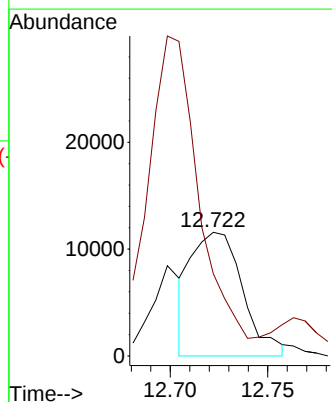
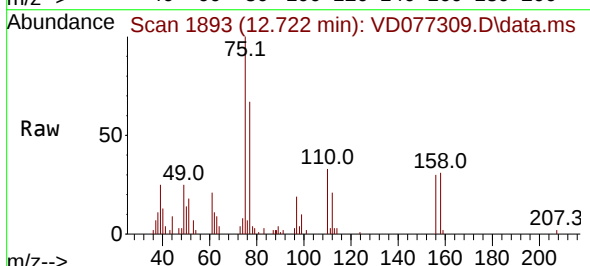
Manual Integrations
APPROVED

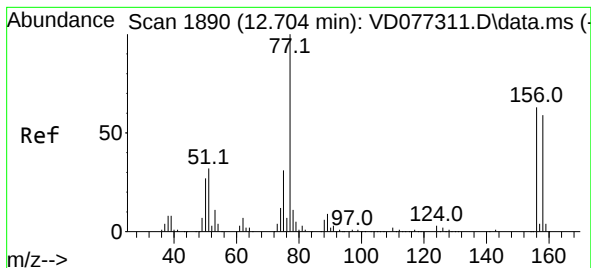
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#76
1,2,3-Trichloropropane
Concen: 10.718 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 75 Resp: 21343
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.969 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

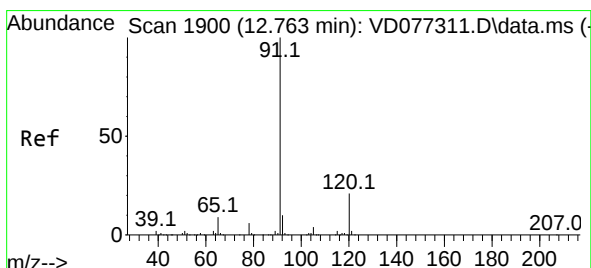
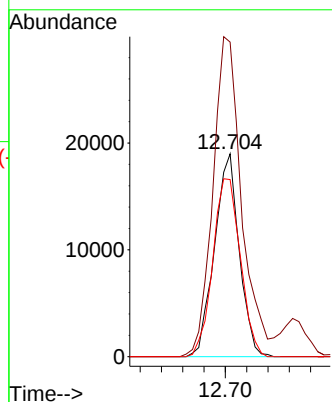
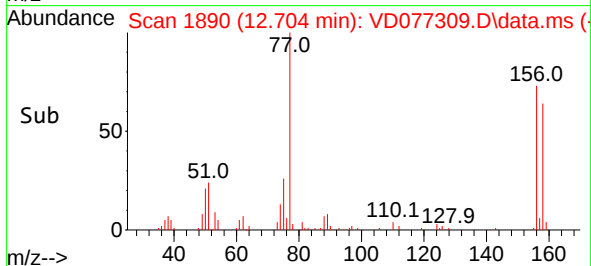
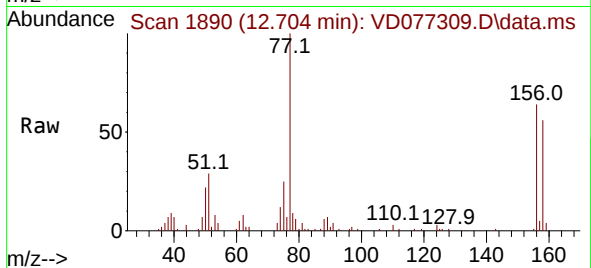
VSTDICC010

Tgt Ion:	156	Resp:	30530
Ion Ratio	Lower	Upper	
156	100		
77	184.5	76.8	230.4
158	97.9	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#78

n-propylbenzene

Concen: 9.286 ug/l

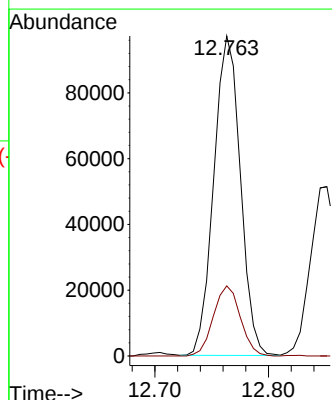
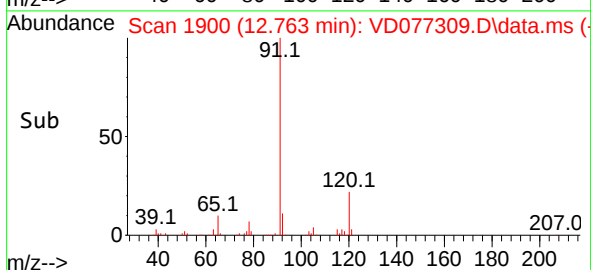
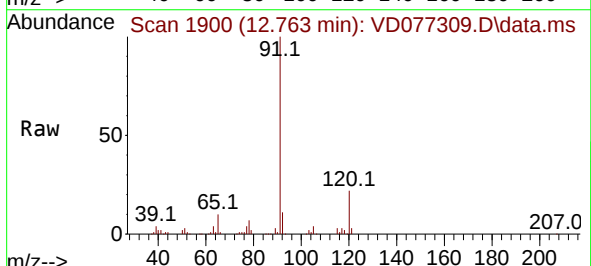
RT: 12.763 min Scan# 1900

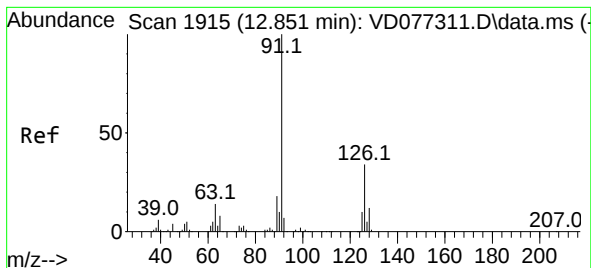
Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:	91	Resp:	157603
Ion Ratio	Lower	Upper	
91	100		
120	22.2	12.4	37.2





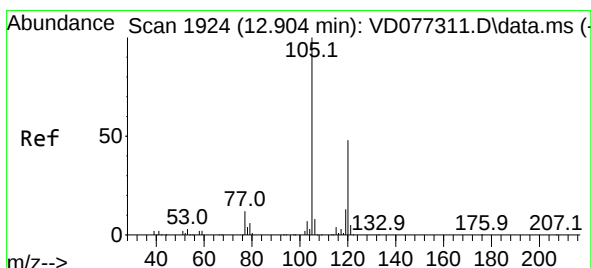
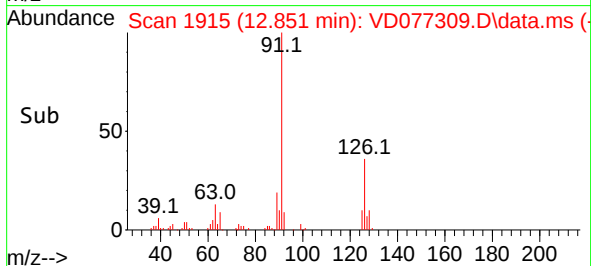
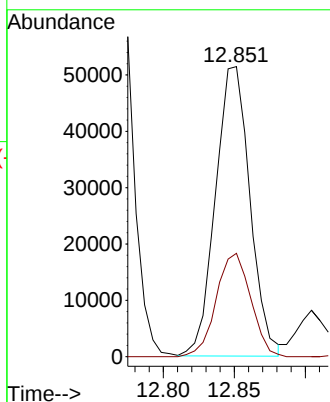
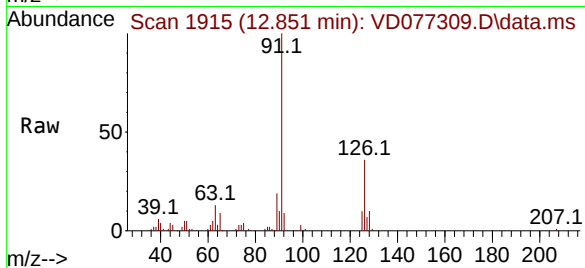
#79
2-Chlorotoluene
Concen: 9.499 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 86918
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1

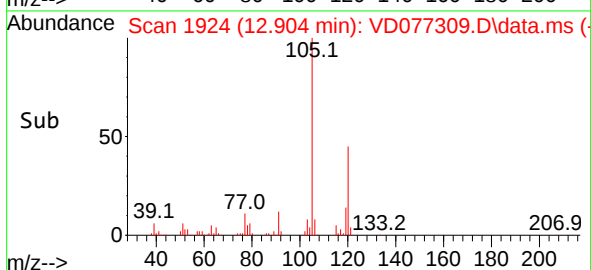
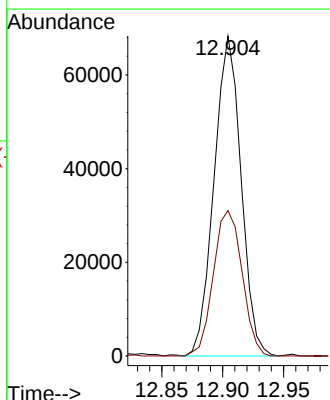
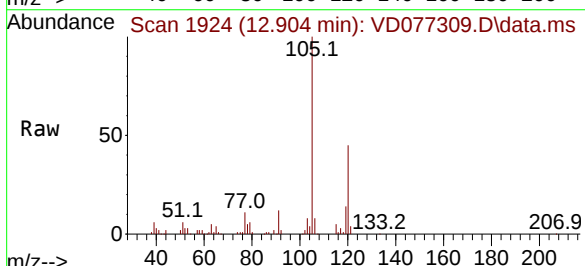
Manual Integrations
APPROVED

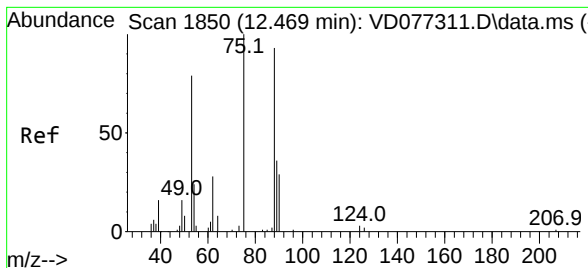
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.449 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

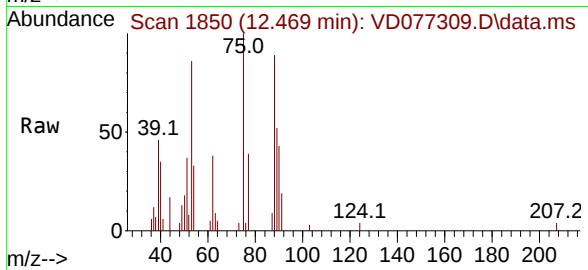
Tgt Ion:105 Resp: 105393
Ion Ratio Lower Upper
105 100
120 48.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 9.710 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

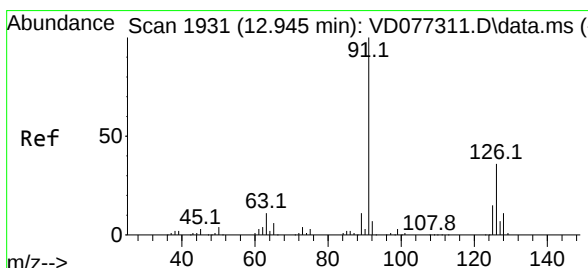
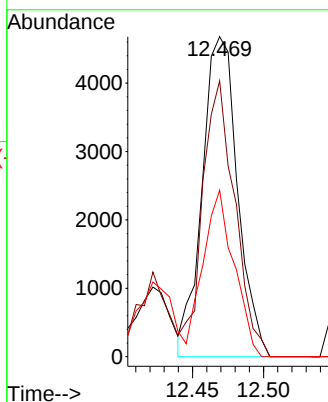
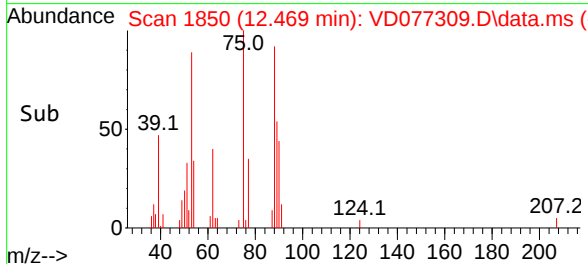
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 8109
Ion Ratio Lower Upper
75 100
53 78.6 63.0 94.4
89 45.5 37.9 56.9

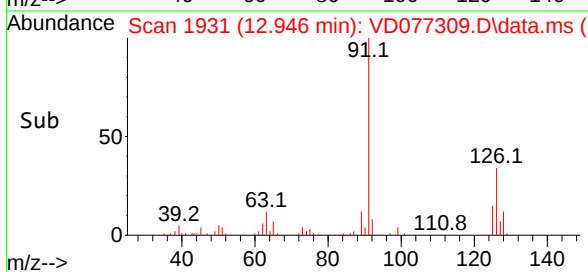
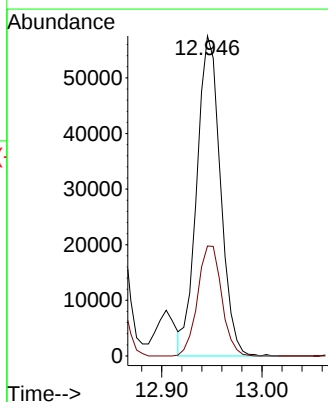
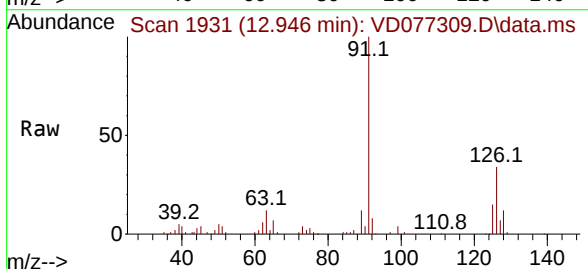
Manual Integrations
APPROVED

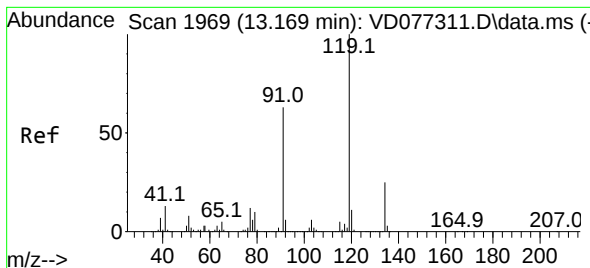
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#82
4-Chlorotoluene
Concen: 9.762 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 91 Resp: 94368
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 9.220 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

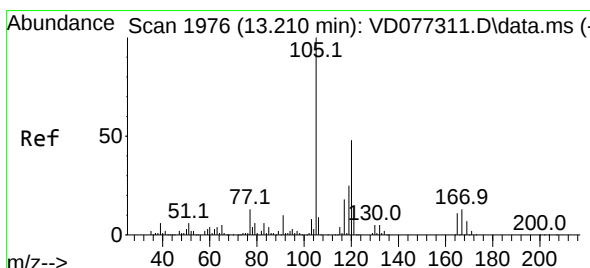
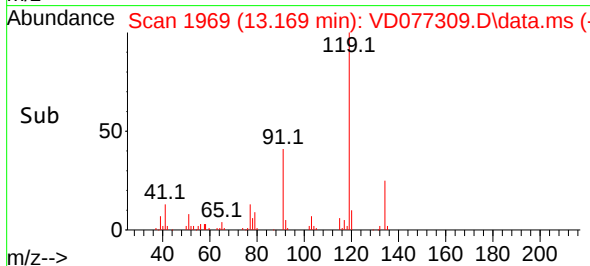
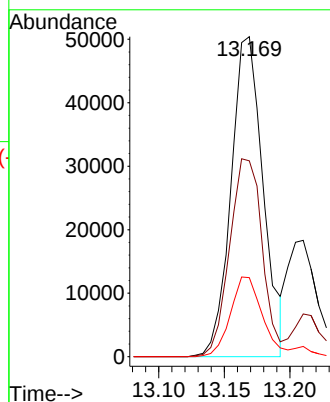
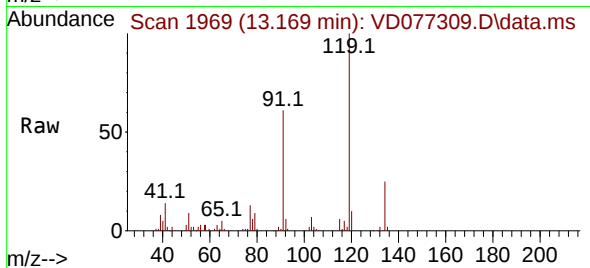
VSTDIC010

Tgt Ion:	119	Resp:	85900
Ion Ratio	Lower	Upper	
119	100		
91	62.6	29.3	87.8
134	24.8	14.1	42.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#84

1,2,4-Trimethylbenzene

Concen: 9.071 ug/l

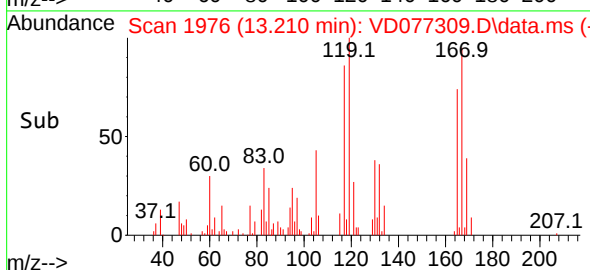
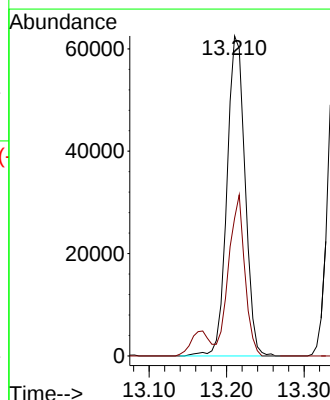
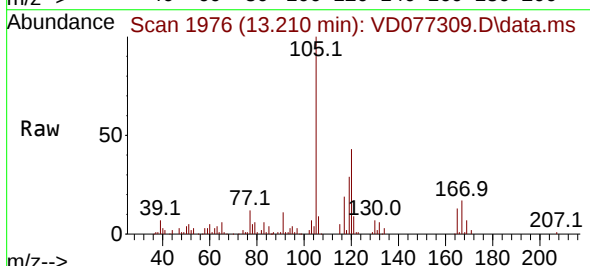
RT: 13.210 min Scan# 1976

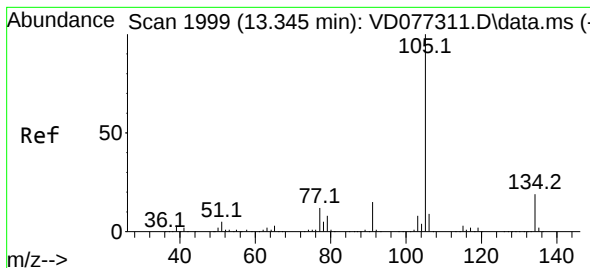
Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:	105	Resp:	101348
Ion Ratio	Lower	Upper	
105	100		
120	45.5	24.3	72.9





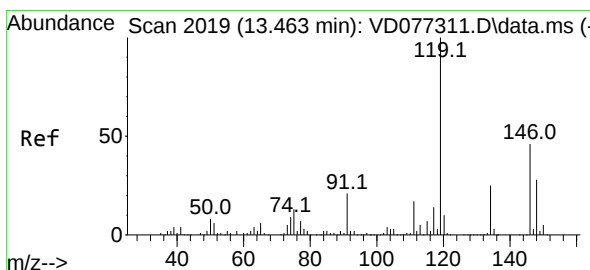
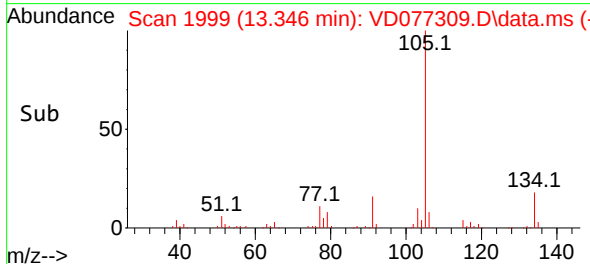
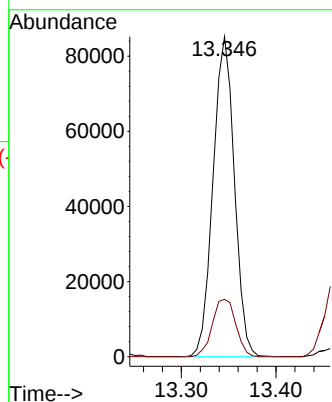
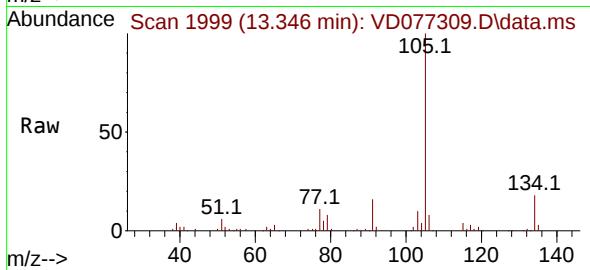
#85
 sec-Butylbenzene
 Concen: 9.188 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077309.D
 Acq: 11 Oct 2023 16:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Tgt Ion:105 Resp: 13349
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

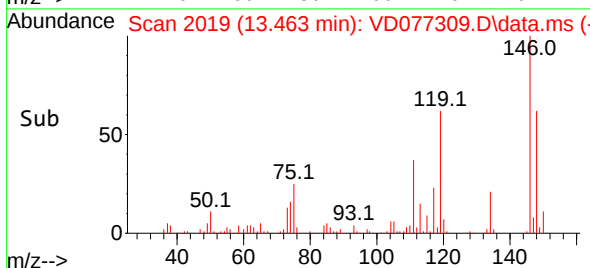
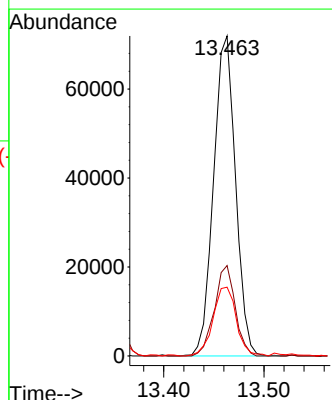
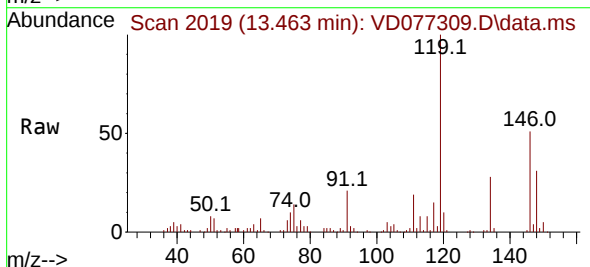
Manual Integrations
 APPROVED

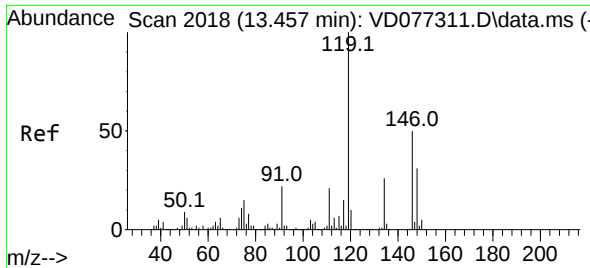
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#86
 p-Isopropyltoluene
 Concen: 9.139 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077309.D
 Acq: 11 Oct 2023 16:44

Tgt Ion:119 Resp: 109092
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 22.9 10.5 31.5





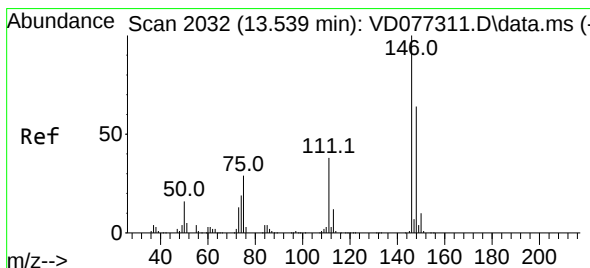
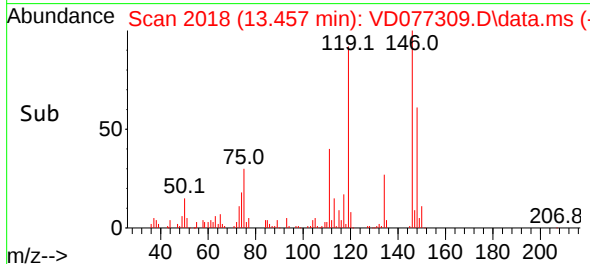
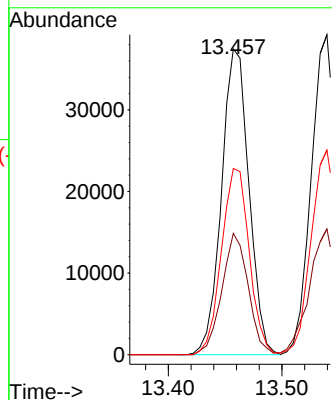
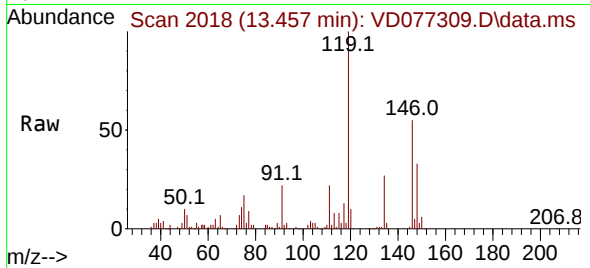
#87
1,3-Dichlorobenzene
Concen: 9.771 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 6275
Ion Ratio Lower Upper
146 100
111 38.2 17.9 53.8
148 61.9 32.3 96.8

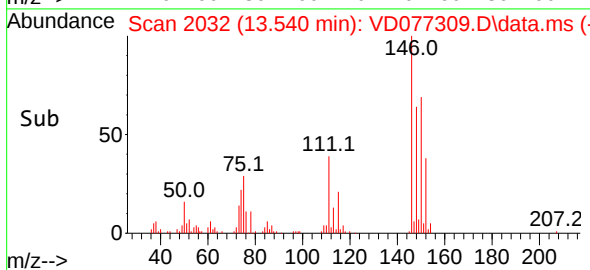
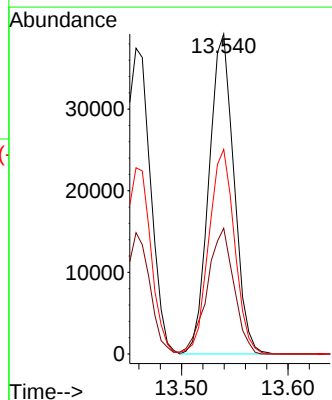
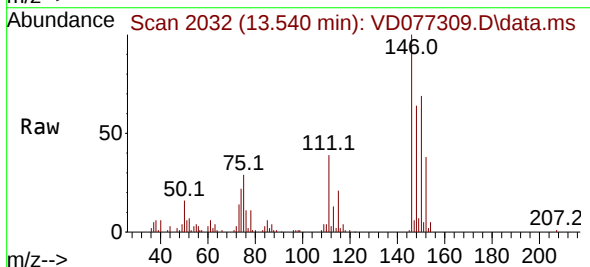
Manual Integrations
APPROVED

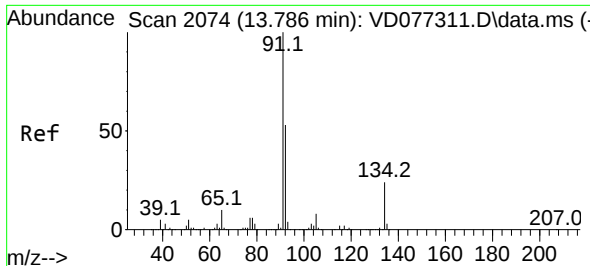
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#88
1,4-Dichlorobenzene
Concen: 10.080 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

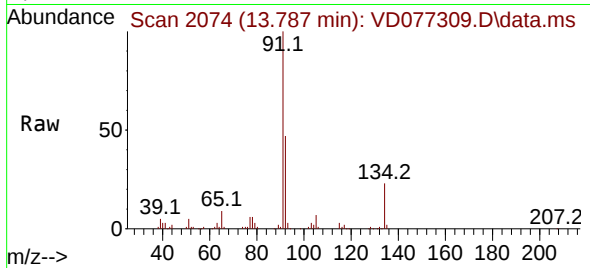
Tgt Ion:146 Resp: 63946
Ion Ratio Lower Upper
146 100
111 42.0 17.4 52.3
148 65.7 31.7 95.1





#89
n-Butylbenzene
Concen: 9.046 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

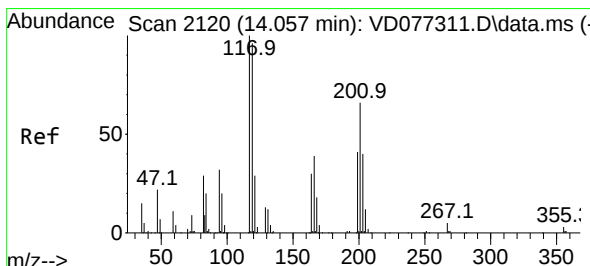
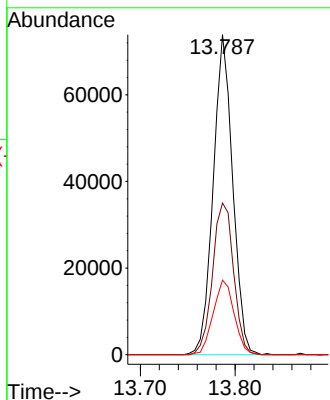
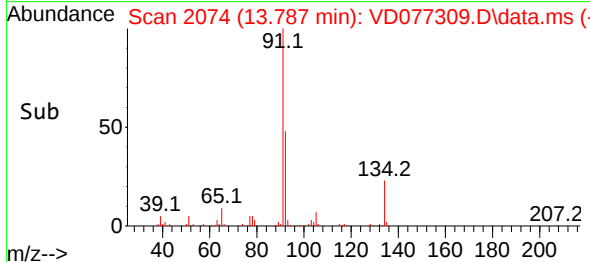
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 105579
Ion Ratio Lower Upper
91 100
92 51.1 26.5 79.5
134 25.1 13.8 41.3

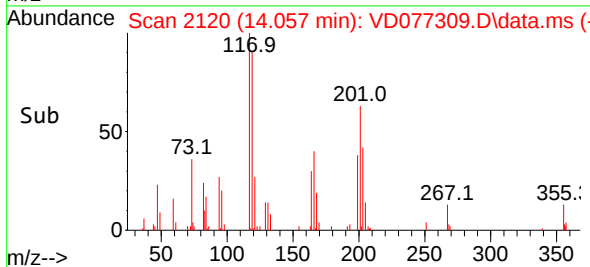
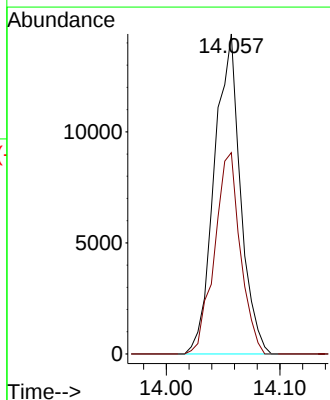
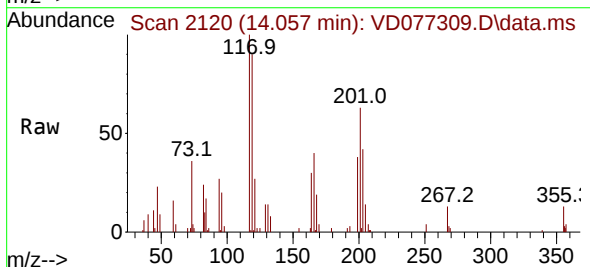
Manual Integrations
APPROVED

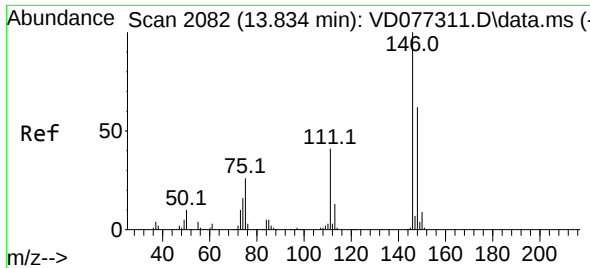
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#90
Hexachloroethane
Concen: 9.762 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion:117 Resp: 22977
Ion Ratio Lower Upper
117 100
201 62.4 38.5 115.5





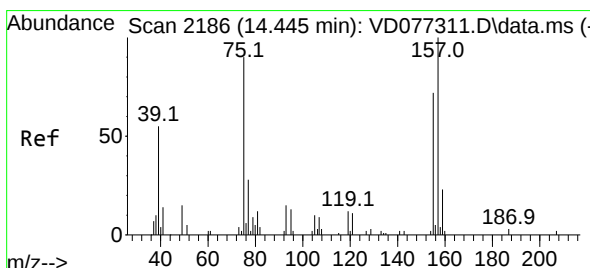
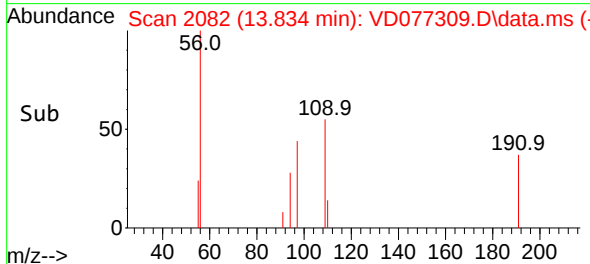
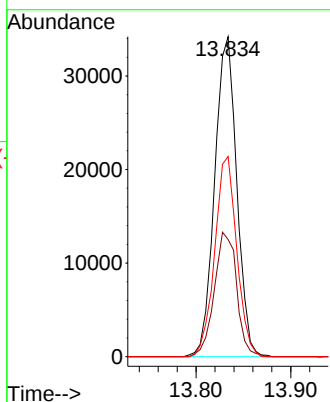
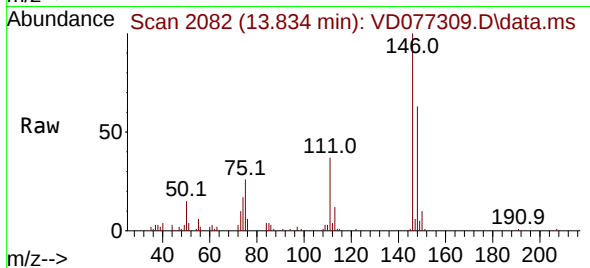
#91
1,2-Dichlorobenzene
Concen: 9.980 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 55392
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 62.4 31.6 94.7

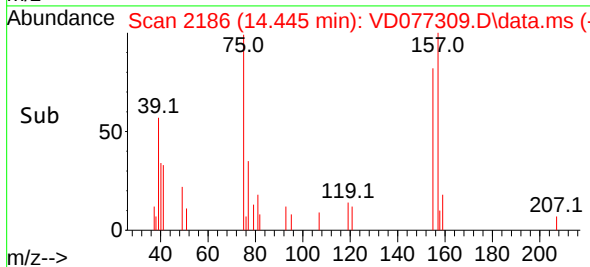
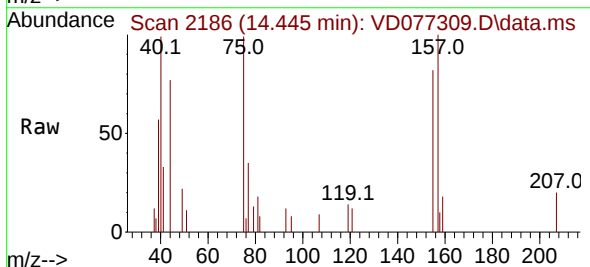
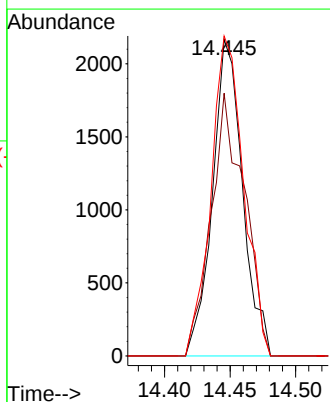
Manual Integrations
APPROVED

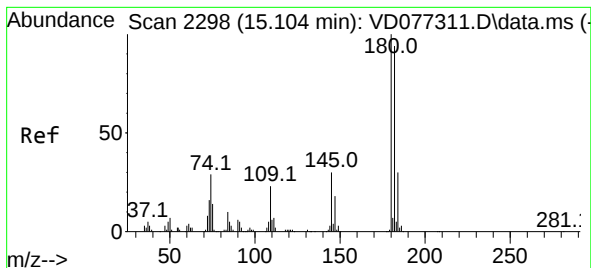
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.805 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077309.D
Acq: 11 Oct 2023 16:44

Tgt Ion: 75 Resp: 3447
Ion Ratio Lower Upper
75 100
155 92.8 47.9 143.8
157 110.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 9.248 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 3096

Ion Ratio Lower Upper

180 100

182 96.7 48.5 145.6

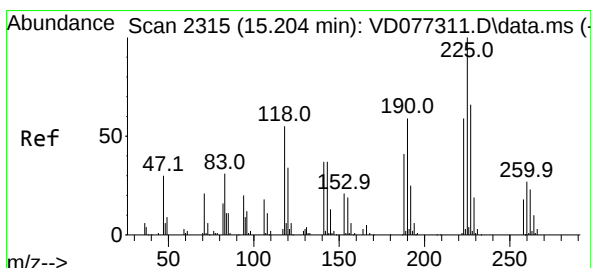
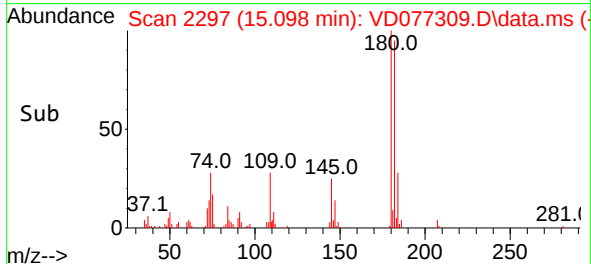
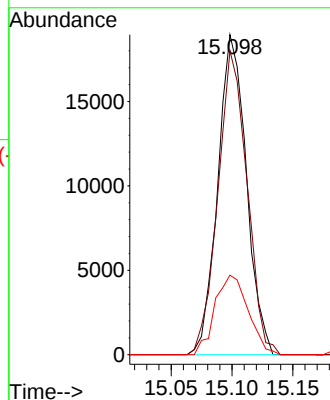
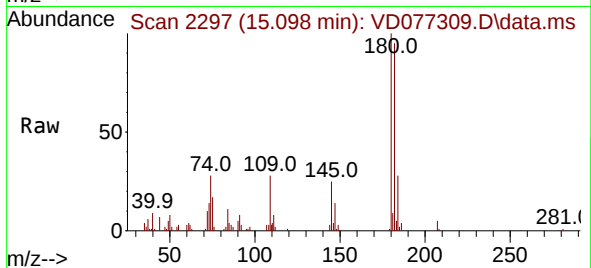
145 29.0 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#94

Hexachlorobutadiene

Concen: 9.771 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

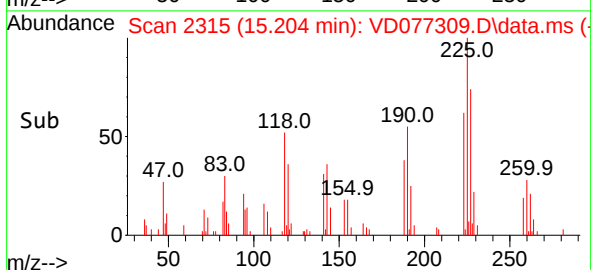
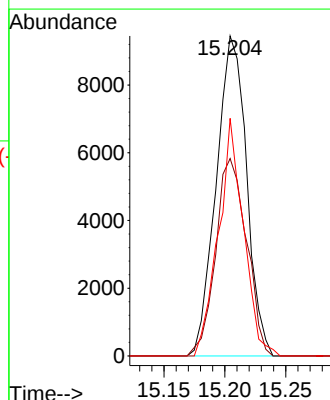
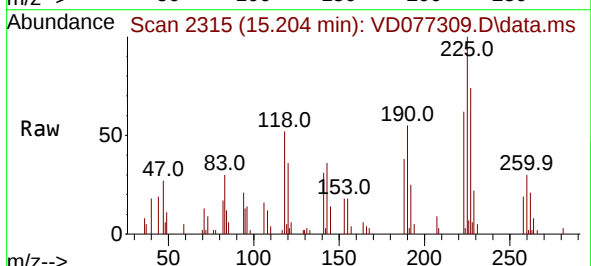
Tgt Ion:225 Resp: 16353

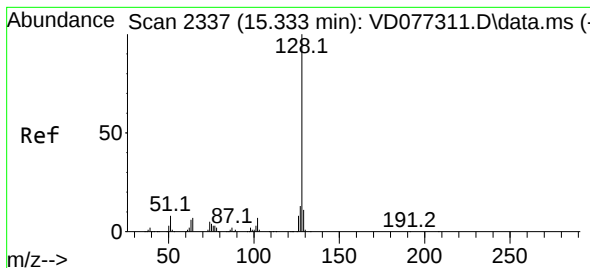
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 61.6 31.7 95.1





#95

Naphthalene

Concen: 9.227 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Instrument :

MSVOA_D

ClientSampleId :

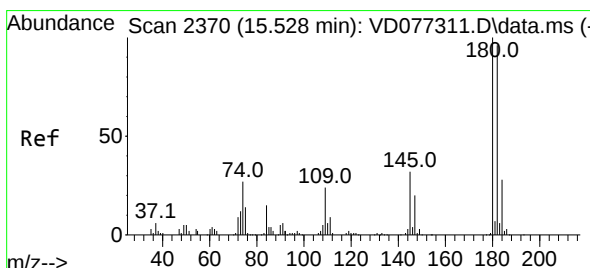
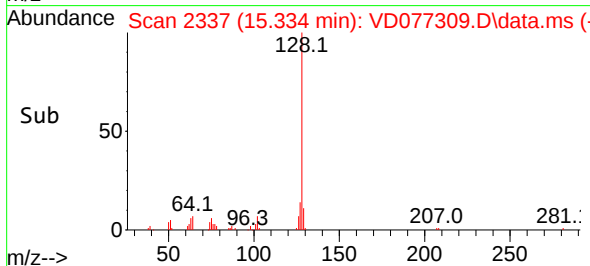
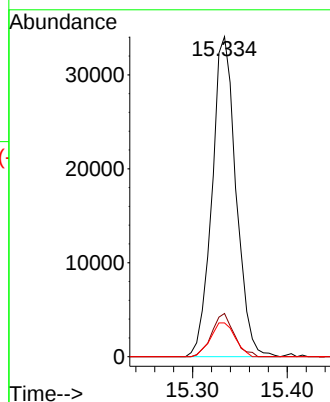
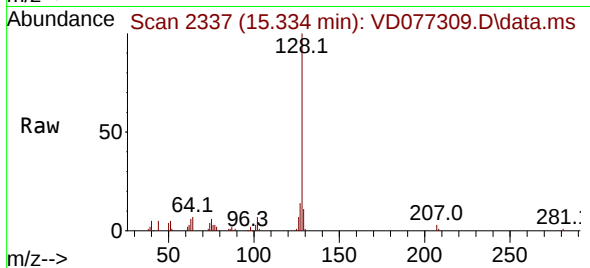
VSTDIC010

Tgt Ion:	128	Resp:	59894
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 9.393 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077309.D

Acq: 11 Oct 2023 16:44

Tgt Ion:	180	Resp:	27787
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	141.9
145	32.1	15.1	45.3

