

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077362.D
 Acq On : 20 Oct 2023 13:02
 Operator : JC/SY
 Sample : VD1020SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/23/2023
 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 21 05:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	309450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	150985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80796	50.101	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.200%			
35) Dibromofluoromethane	7.810	113	94335	43.392	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.780%			
50) Toluene-d8	10.269	98	342144	43.944	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.880%			
62) 4-Bromofluorobenzene	12.575	95	97655	43.572	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38783	23.099	ug/l	96
3) Chloromethane	2.152	50	65038	19.022	ug/l	98
4) Vinyl Chloride	2.287	62	95011	23.525	ug/l	98
5) Bromomethane	2.687	94	65567	25.263	ug/l	99
6) Chloroethane	2.840	64	68996	24.301	ug/l	99
7) Trichlorofluoromethane	3.175	101	94560	23.079	ug/l	100
8) Diethyl Ether	3.593	74	18860	17.175	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	42974	20.274	ug/l	98
10) Methyl Iodide	4.158	142	40616	15.660	ug/l	92
11) Tert butyl alcohol	5.040	59	9459m	104.268	ug/l	
12) 1,1-Dichloroethene	3.940	96	38919	18.716	ug/l	95
13) Acrolein	3.793	56	15776	100.179	ug/l	95
14) Allyl chloride	4.558	41	41885	21.229	ug/l	97
15) Acrylonitrile	5.252	53	39631	119.092	ug/l	97
16) Acetone	4.022	43	40446	114.371	ug/l #	86
17) Carbon Disulfide	4.275	76	124169	20.313	ug/l	98
18) Methyl Acetate	4.558	43	27348	22.220	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	75879	21.424	ug/l	97
20) Methylene Chloride	4.799	84	59381	25.396	ug/l #	84
21) trans-1,2-Dichloroethene	5.311	96	46878	21.675	ug/l	98
22) Diisopropyl ether	6.216	45	94876	24.496	ug/l	97
23) Vinyl Acetate	6.158	43	221677	122.133	ug/l	96
24) 1,1-Dichloroethane	6.111	63	77120	23.949	ug/l	98
25) 2-Butanone	7.081	43	44971	122.590	ug/l	90
26) 2,2-Dichloropropane	7.075	77	63725	21.703	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	50441	20.800	ug/l	99
28) Bromochloromethane	7.428	49	29342	24.944	ug/l	91
29) Tetrahydrofuran	7.446	42	26758	126.448	ug/l	93
30) Chloroform	7.599	83	84171	22.782	ug/l	94
31) Cyclohexane	7.881	56	54956	21.903	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	71380	22.394	ug/l	99
36) 1,1-Dichloropropene	8.005	75	60021	21.011	ug/l	99
37) Ethyl Acetate	7.163	43	21708	24.192	ug/l	96
38) Carbon Tetrachloride	7.993	117	63836	20.088	ug/l	95
39) Methylcyclohexane	9.275	83	66771	19.237	ug/l	91
40) Benzene	8.252	78	181428	20.928	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11394	26.606	ug/l	91
42) 1,2-Dichloroethane	8.322	62	45421	22.244	ug/l	97
43) Isopropyl Acetate	8.363	43	37344	23.117	ug/l	95
44) Trichloroethene	9.034	130	48653	19.196	ug/l	99
45) 1,2-Dichloropropane	9.305	63	43300	21.668	ug/l	90
46) Dibromomethane	9.393	93	25442	20.365	ug/l	92
47) Bromodichloromethane	9.587	83	77937	26.162	ug/l	99
48) Methyl methacrylate	9.381	41	15093	20.653	ug/l	91
49) 1,4-Dioxane	9.381	88	4652	401.963	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	95946	118.486	ug/l	94
52) Toluene	10.334	92	115283	20.368	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	56115	20.985	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	67708	20.695	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	36233	20.940	ug/l	98
56) Ethyl methacrylate	10.599	69	32753	19.806	ug/l	95
57) 1,3-Dichloropropane	10.881	76	55927	21.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	98590	120.557	ug/l	98
59) 2-Hexanone	10.922	43	69649	119.756	ug/l	95
60) Dibromochloromethane	11.075	129	41315	18.699	ug/l	93
61) 1,2-Dibromoethane	11.181	107	32751	20.086	ug/l	100
64) Tetrachloroethene	10.810	164	38660	17.818	ug/l	95
65) Chlorobenzene	11.604	112	120865	18.996	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	45926	18.988	ug/l	98
67) Ethyl Benzene	11.687	91	201699	19.123	ug/l	95
68) m/p-Xylenes	11.793	106	167758	38.732	ug/l	97
69) o-Xylene	12.122	106	73961	18.550	ug/l	97
70) Styrene	12.140	104	128131	18.836	ug/l	97
71) Bromoform	12.298	173	23693	17.870	ug/l #	96
73) Isopropylbenzene	12.422	105	190185	19.044	ug/l	96
74) N-amyl acetate	12.234	43	32678	22.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	40823	22.495	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	26440m	14.932	ug/l	
77) Bromobenzene	12.698	156	47866	18.256	ug/l	92
78) n-propylbenzene	12.763	91	244396	20.320	ug/l	97
79) 2-Chlorotoluene	12.851	91	130895	19.981	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	161993	19.656	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13062	23.181	ug/l	97
82) 4-Chlorotoluene	12.945	91	140858	20.652	ug/l	96
83) tert-Butylbenzene	13.169	119	133958	18.334	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	158632	19.118	ug/l	100
85) sec-Butylbenzene	13.345	105	217073	19.743	ug/l	95
86) p-Isopropyltoluene	13.463	119	174993	18.320	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	103686	18.791	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	103129	18.861	ug/l	97
89) n-Butylbenzene	13.787	91	164412	19.767	ug/l	98
90) Hexachloroethane	14.057	117	38510	19.945	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	88472	18.981	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5474	24.644	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	48419	16.673	ug/l	97
94) Hexachlorobutadiene	15.204	225	26662	16.165	ug/l	97
95) Naphthalene	15.334	128	83194	16.967	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	43774	17.366	ug/l	99

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

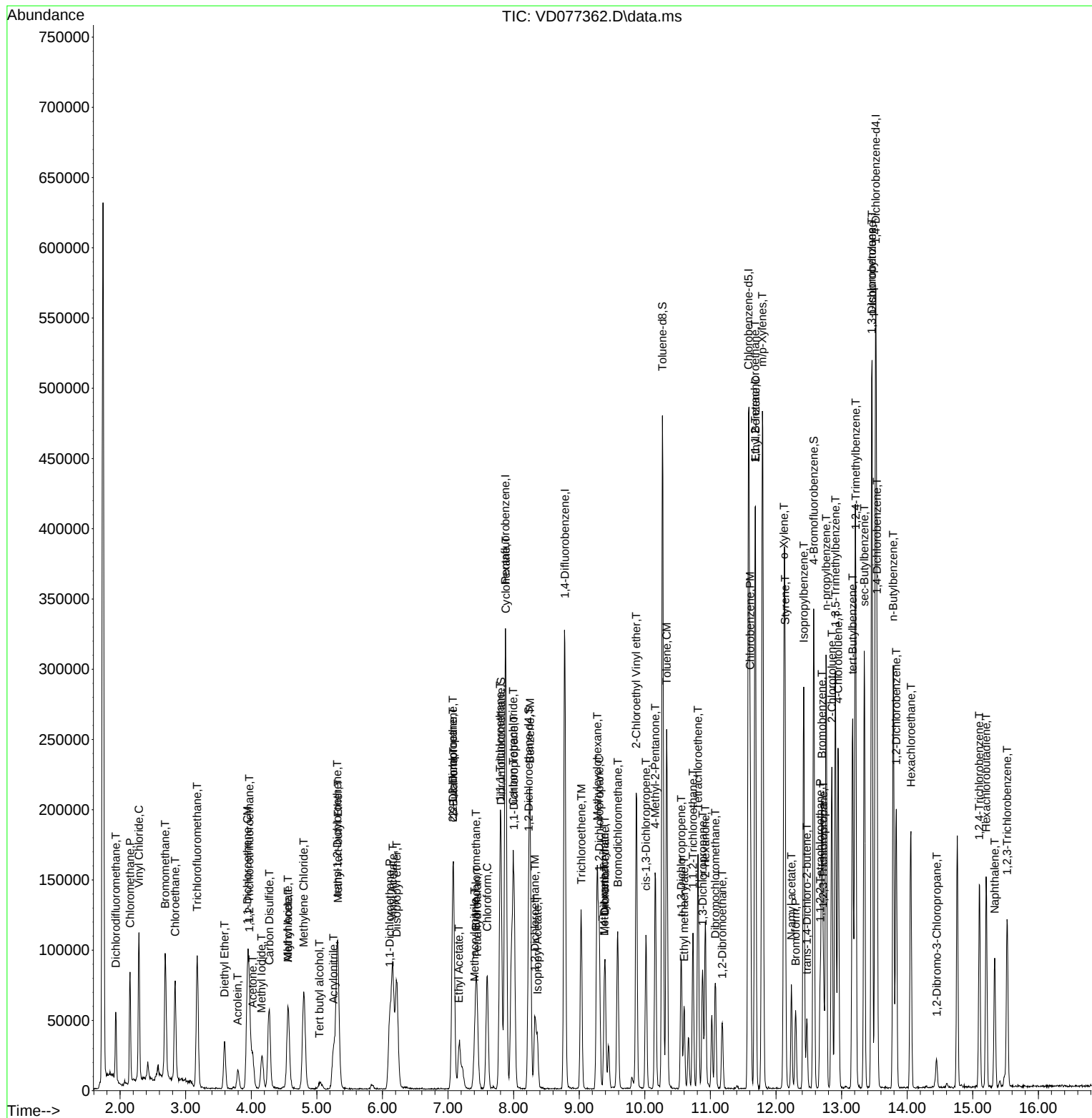
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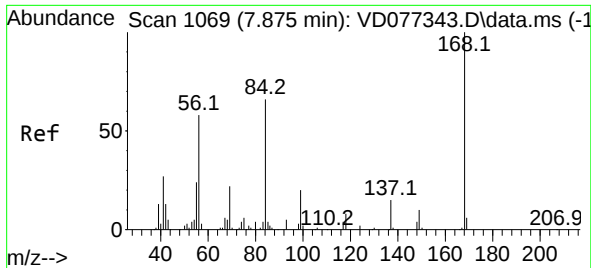
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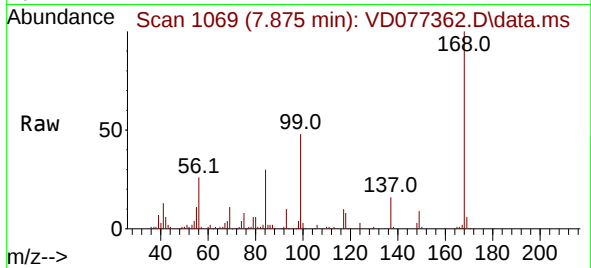
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

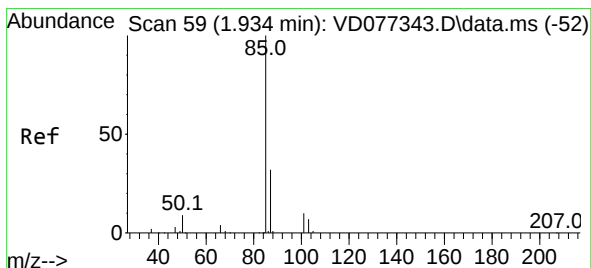
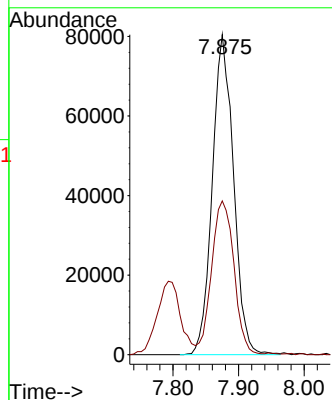
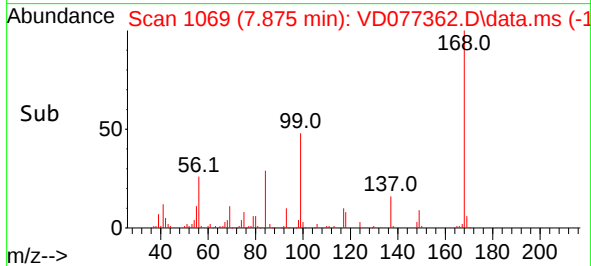
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion:168 Resp: 180602
Ion Ratio Lower Upper
168 100
99 47.9 36.7 55.1

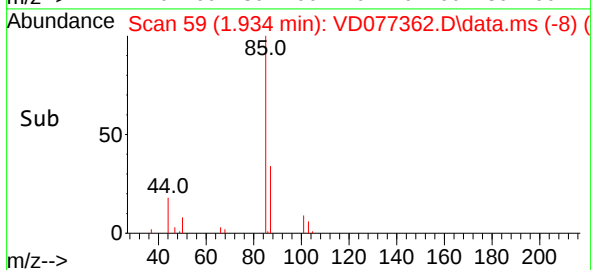
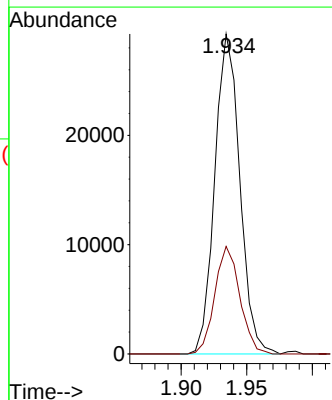
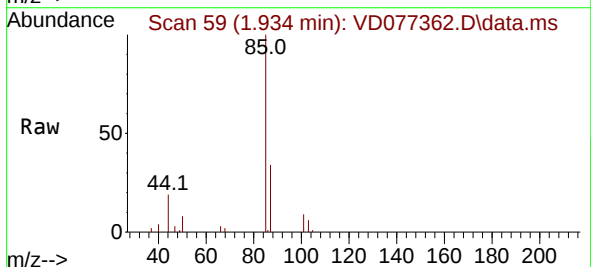
Manual Integrations
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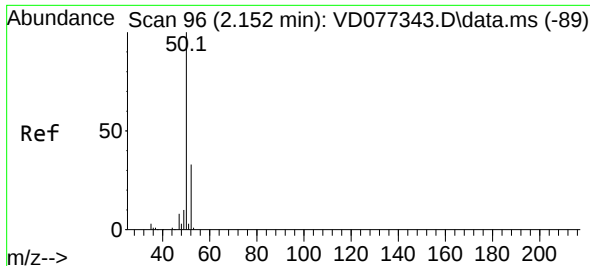
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#2
Dichlorodifluoromethane
Concen: 23.099 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

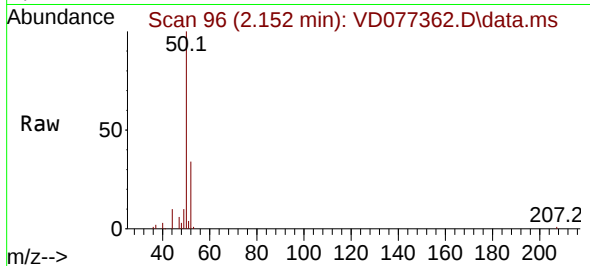
Tgt Ion: 85 Resp: 38783
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





#3
Chloromethane
Concen: 19.022 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

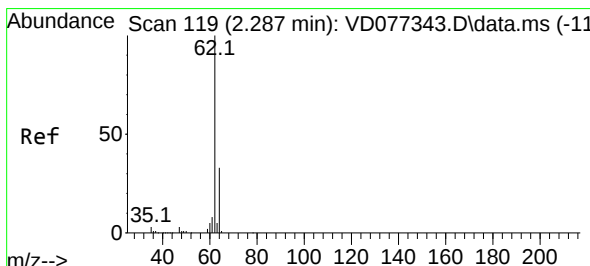
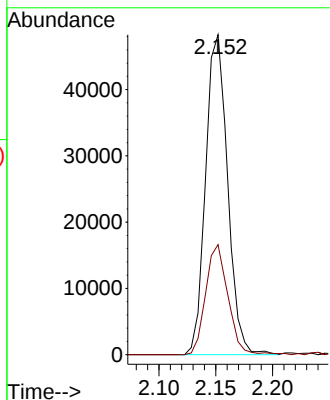
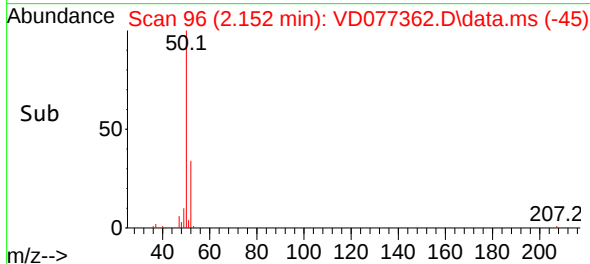
Instrument :
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Tgt Ion: 50 Resp: 65038
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0

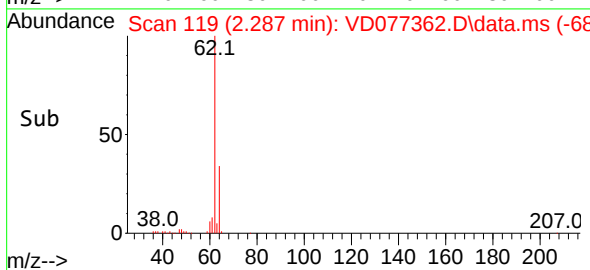
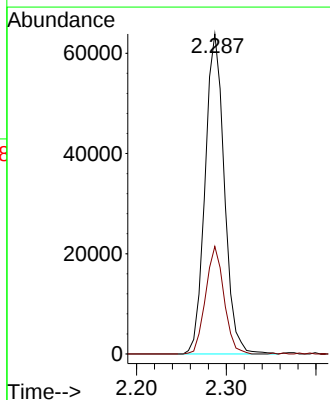
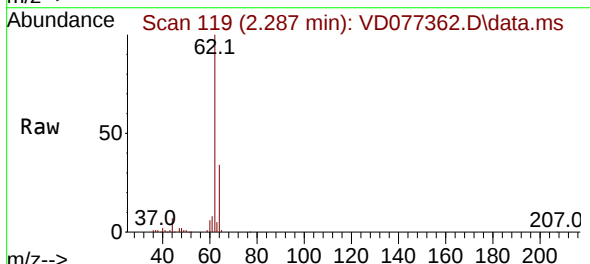
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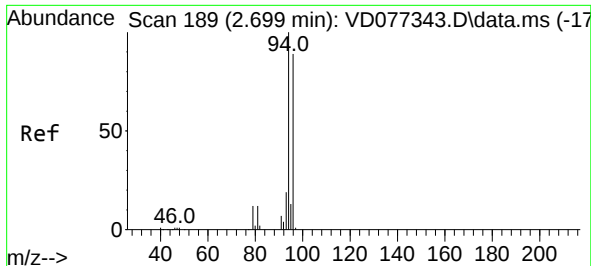
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#4
Vinyl Chloride
Concen: 23.525 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

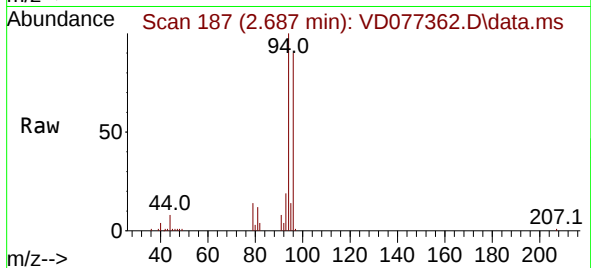
Tgt Ion: 62 Resp: 95011
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0





#5
Bromomethane
Concen: 25.263 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

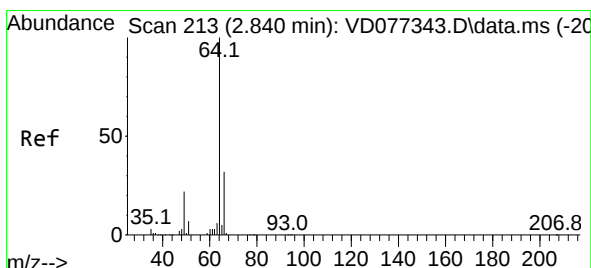
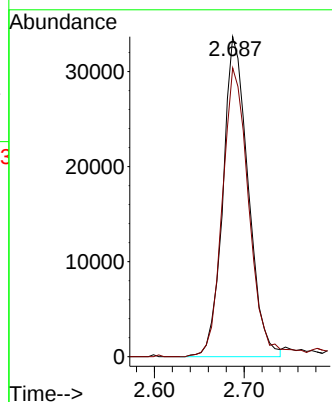
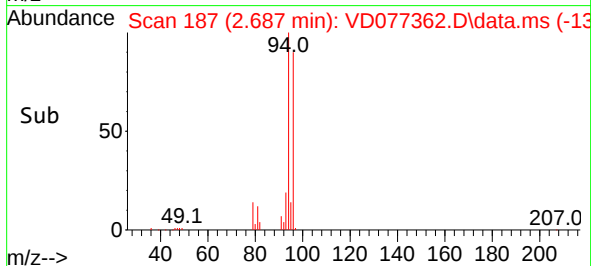
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Tgt Ion: 94 Resp: 6556
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8

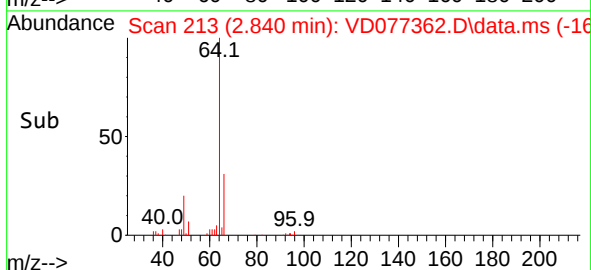
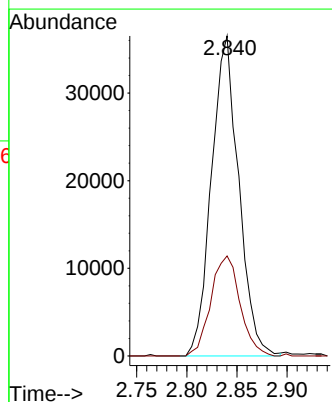
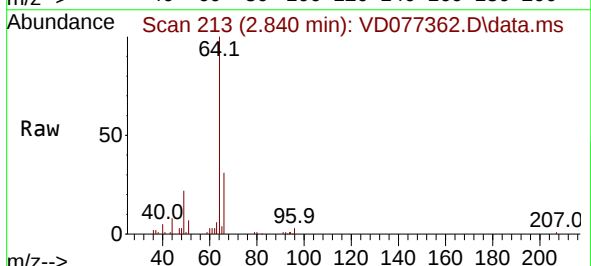
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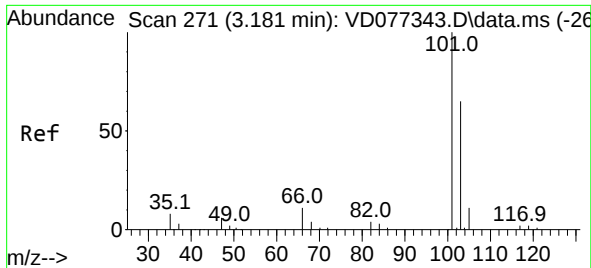
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#6
Chloroethane
Concen: 24.301 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

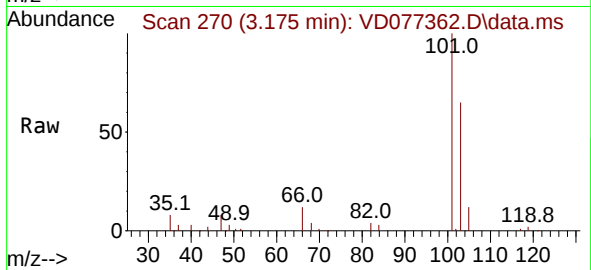
Tgt Ion: 64 Resp: 68996
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3





#7
Trichlorofluoromethane
Concen: 23.079 ug/l
RT: 3.175 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

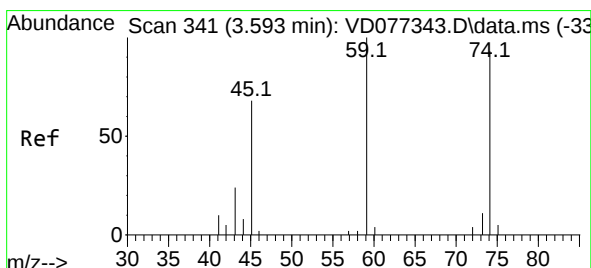
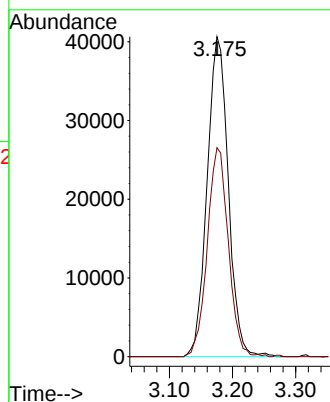
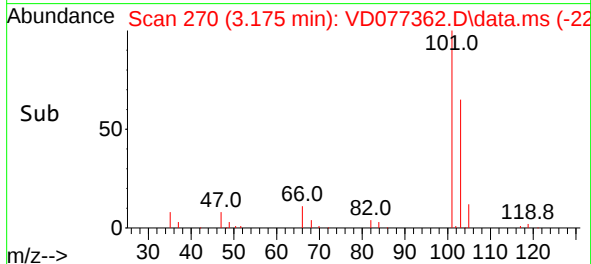
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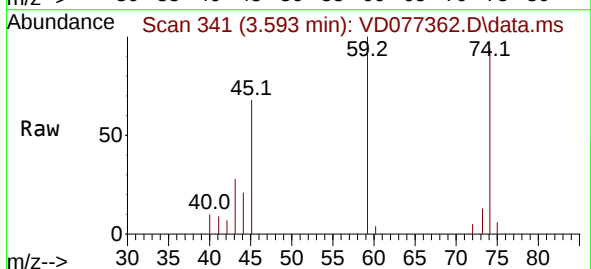
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Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

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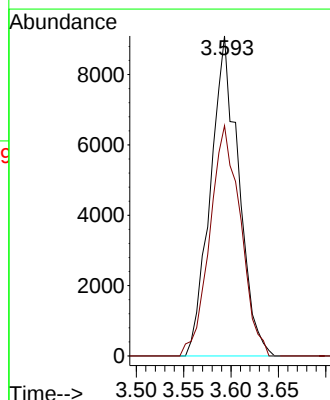
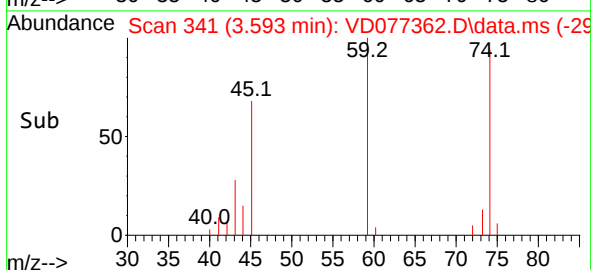
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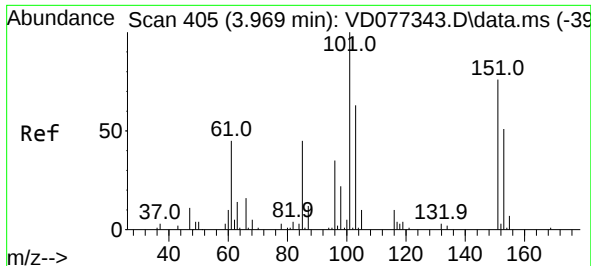


#8
Diethyl Ether
Concen: 17.175 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



Tgt Ion: 74 Resp: 18860
Ion Ratio Lower Upper
74 100
45 78.3 37.5 112.7





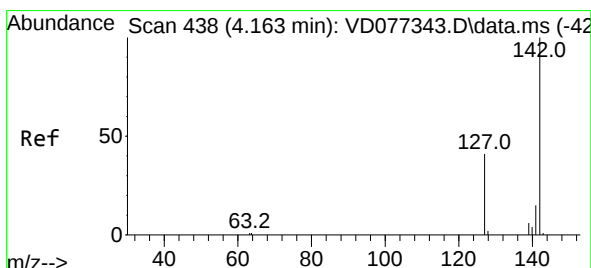
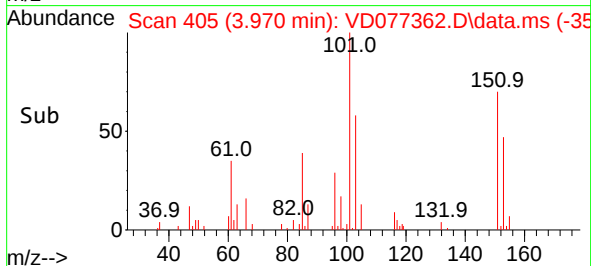
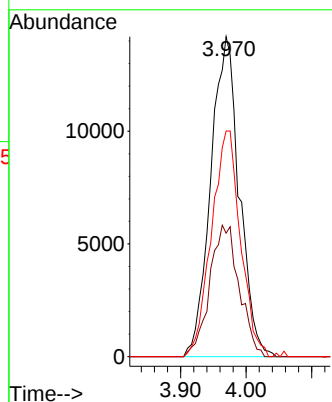
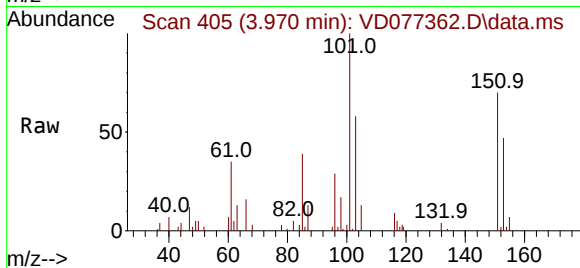
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.274 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:101 Resp: 42974
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 71.6 59.8 89.6

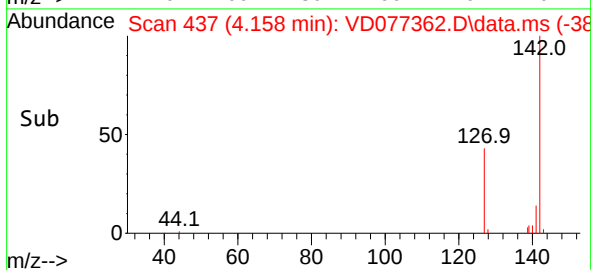
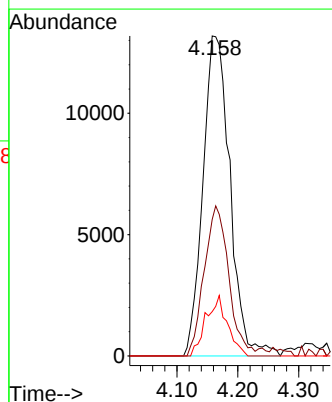
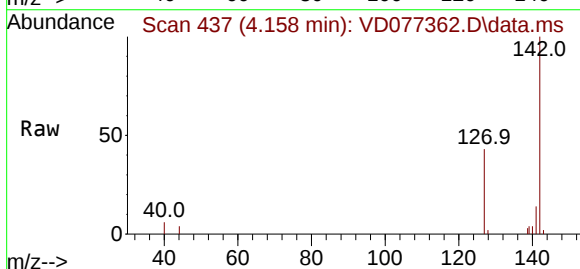
Manual Integrations
APPROVED

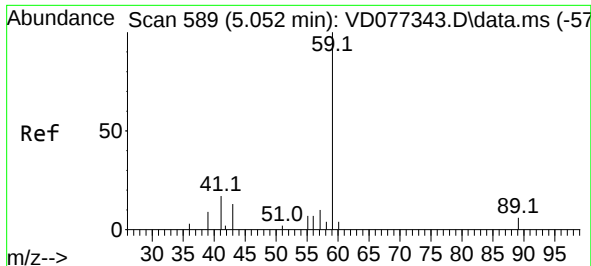
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#10
Methyl Iodide
Concen: 15.660 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

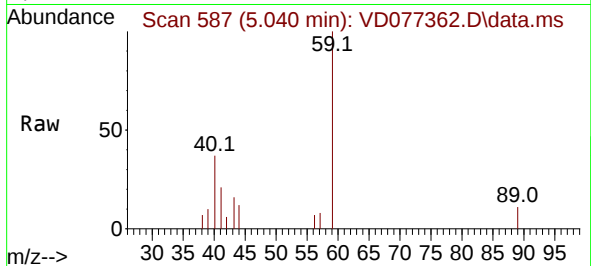
Tgt Ion:142 Resp: 40616
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 104.268 ug/l m
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

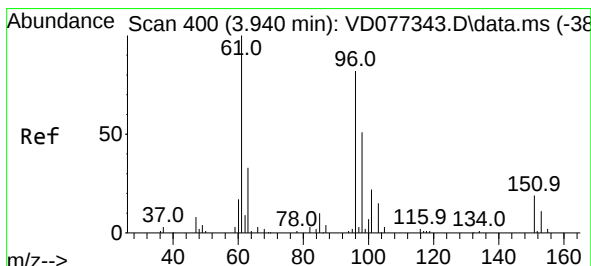
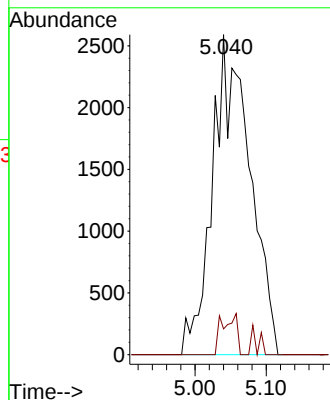
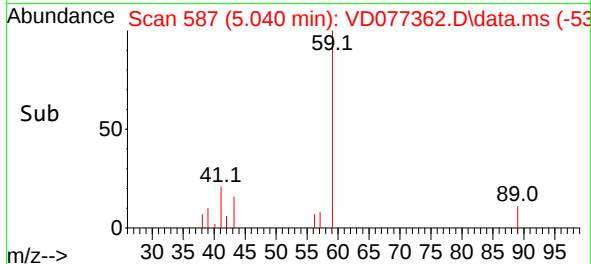
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



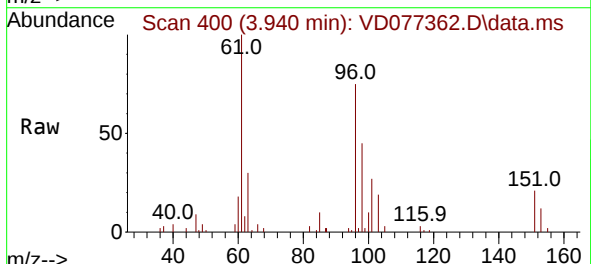
Tgt Ion: 59 Resp: 945
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8

Manual Integrations
APPROVED

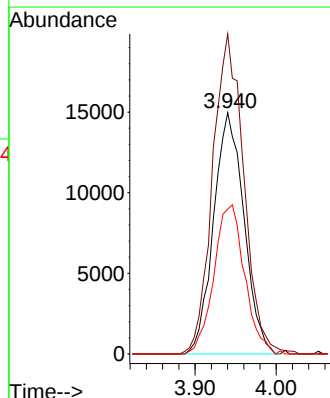
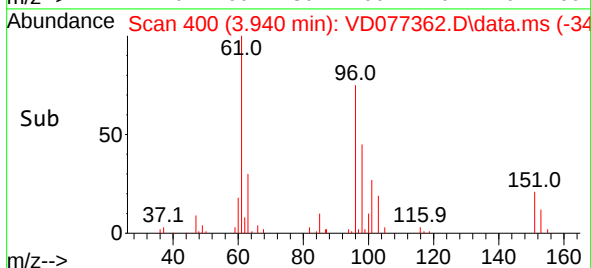
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

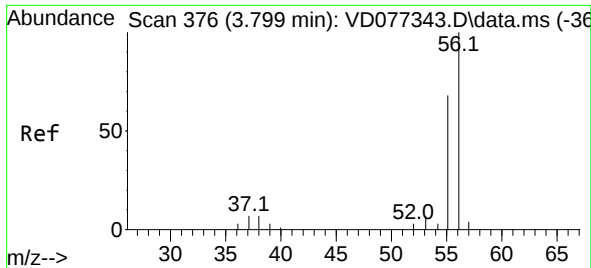


#12
1,1-Dichloroethene
Concen: 18.716 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



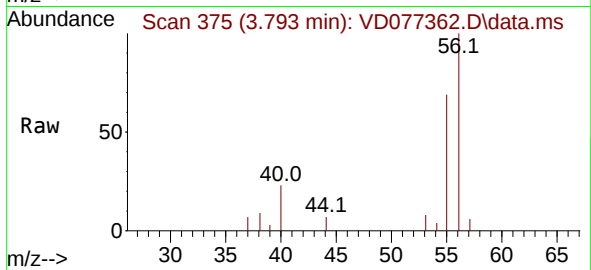
Tgt Ion: 96 Resp: 38919
Ion Ratio Lower Upper
96 100
61 132.7 100.6 150.8
98 60.1 50.2 75.2





#13
Acrolein
Concen: 100.179 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

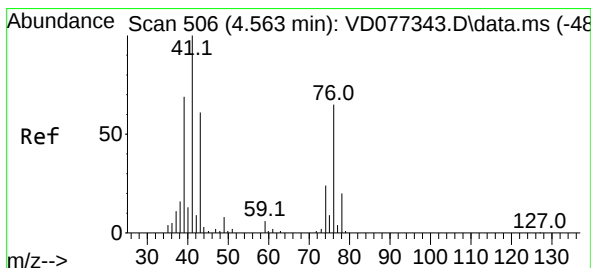
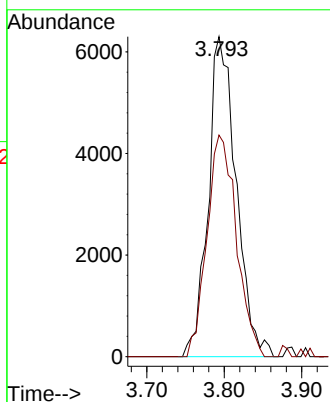
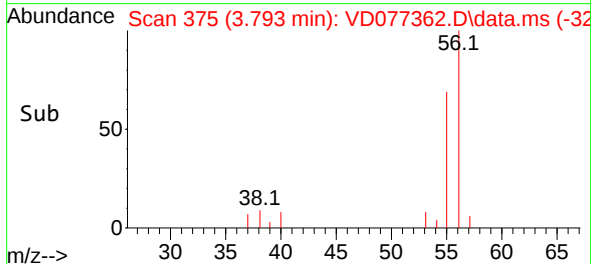
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion: 56 Resp: 15770
Ion Ratio Lower Upper
56 100
55 73.0 55.1 82.7

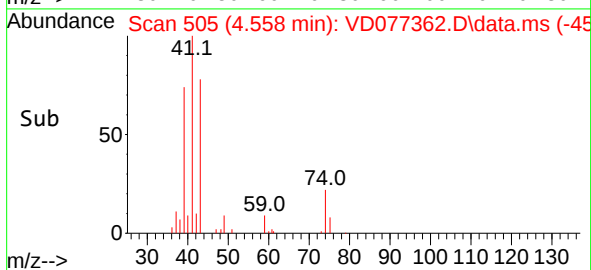
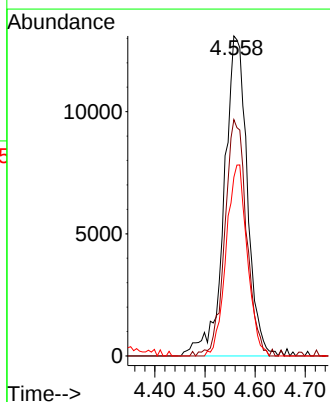
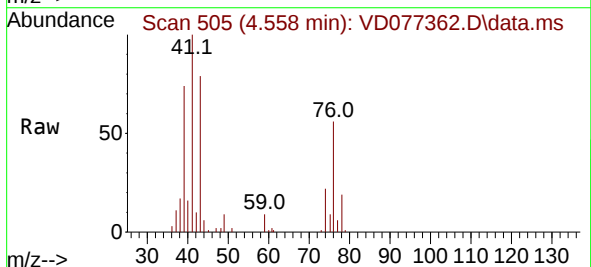
Manual Integrations
APPROVED

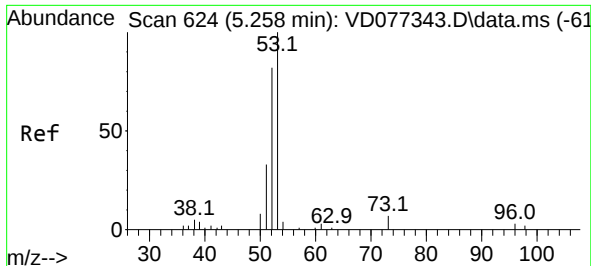
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#14
Allyl chloride
Concen: 21.229 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 41 Resp: 41885
Ion Ratio Lower Upper
41 100
39 69.4 53.8 80.6
76 54.7 45.8 68.8





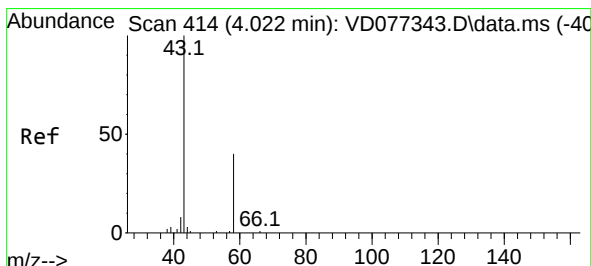
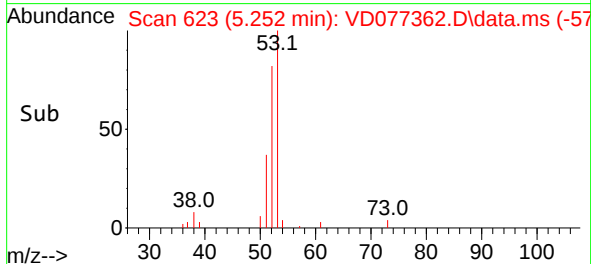
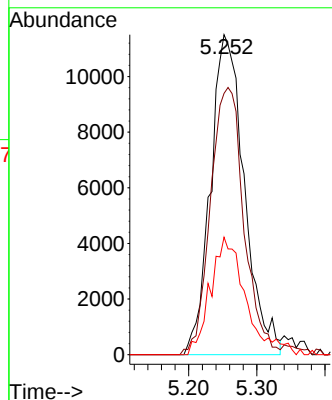
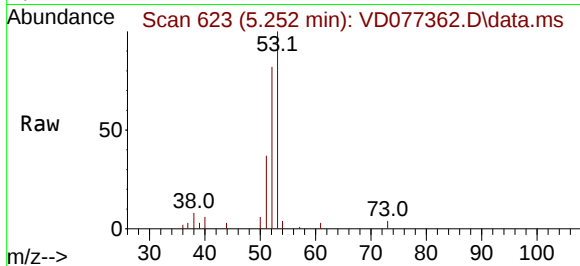
#15
Acrylonitrile
Concen: 119.092 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 53 Resp: 3963
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 38.4 28.3 42.5

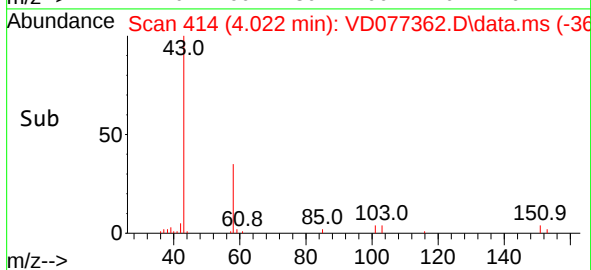
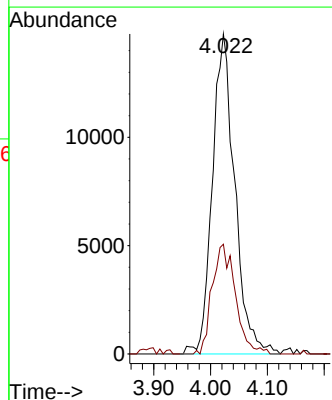
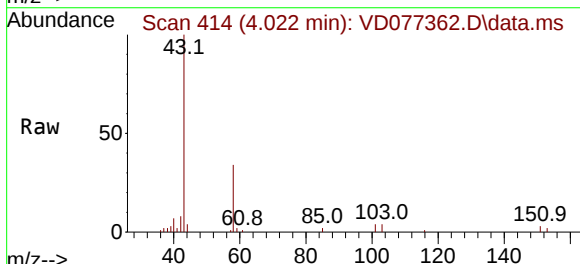
Manual Integrations
APPROVED

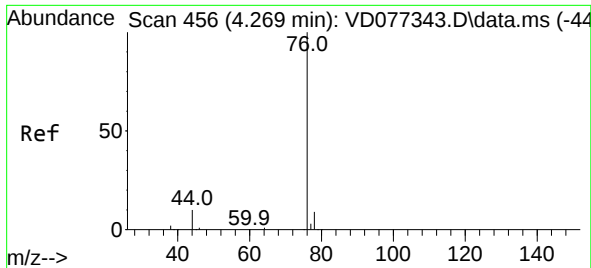
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
Acetone
Concen: 114.371 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 43 Resp: 40446
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#





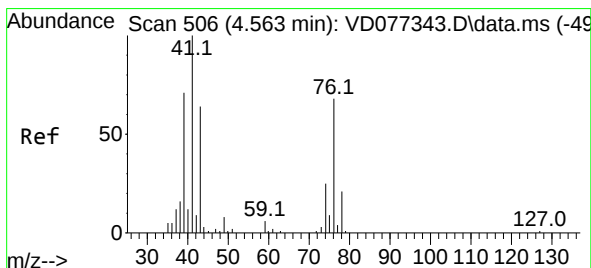
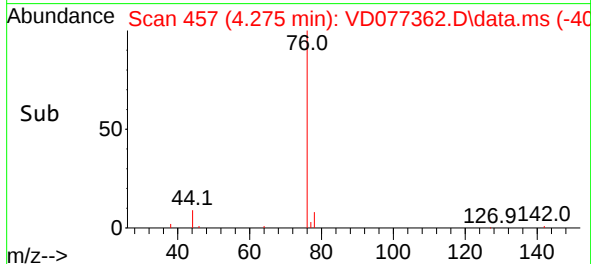
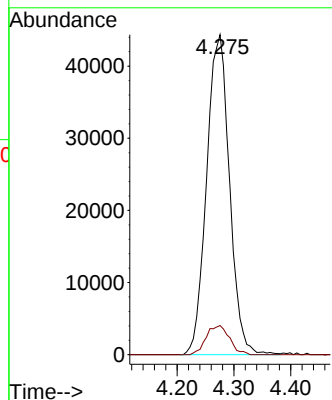
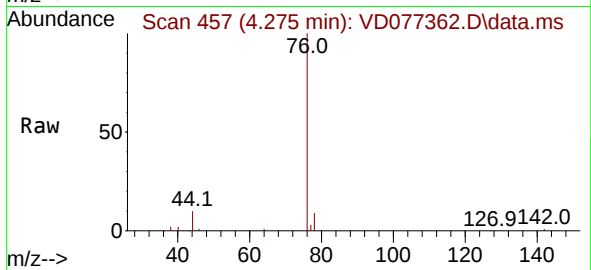
#17
Carbon Disulfide
Concen: 20.313 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 76 Resp: 124169
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

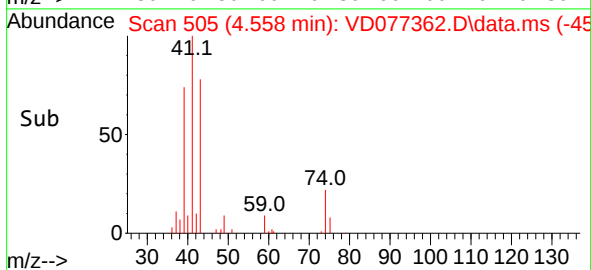
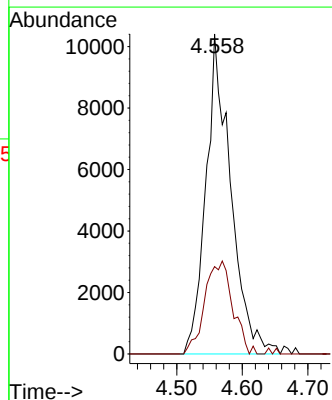
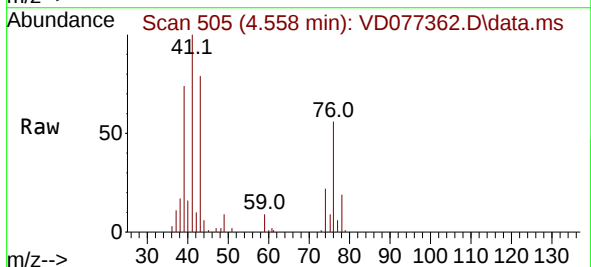
Manual Integrations
APPROVED

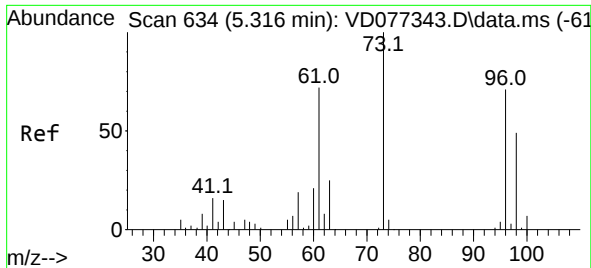
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#18
Methyl Acetate
Concen: 22.220 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 43 Resp: 27348
Ion Ratio Lower Upper
43 100
74 32.6 26.4 39.6





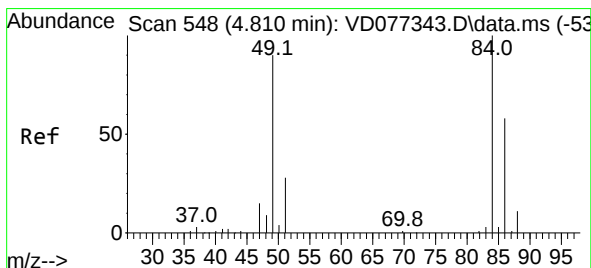
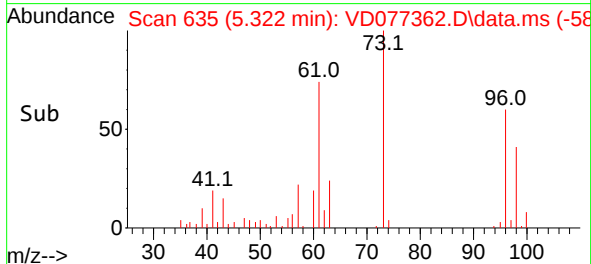
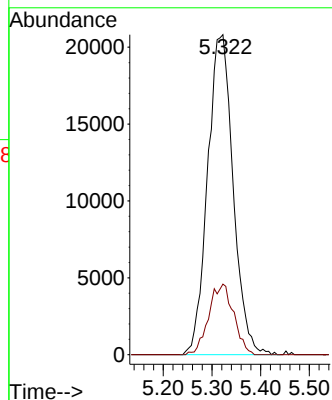
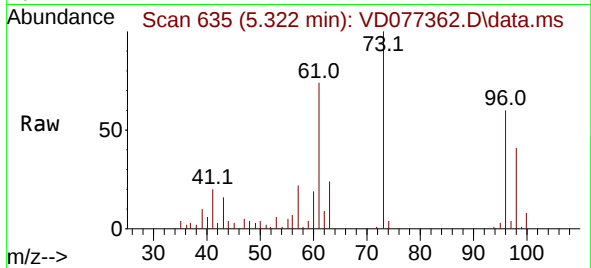
#19
Methyl tert-butyl Ether
Concen: 21.424 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 73 Resp: 75879
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0

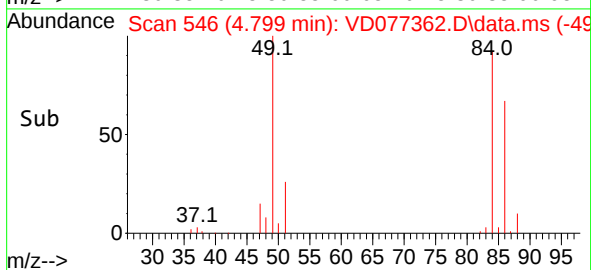
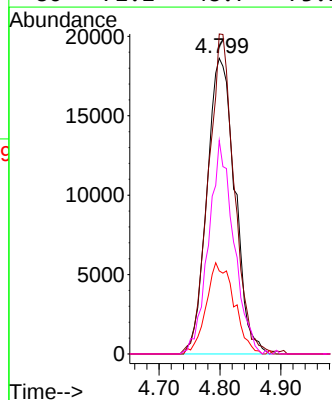
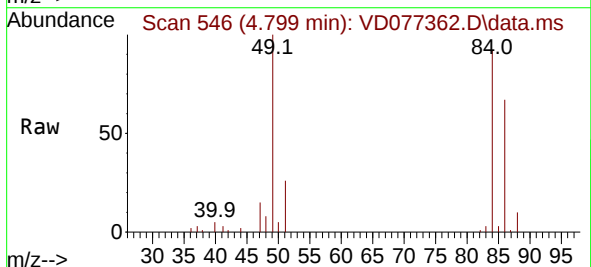
Manual Integrations
APPROVED

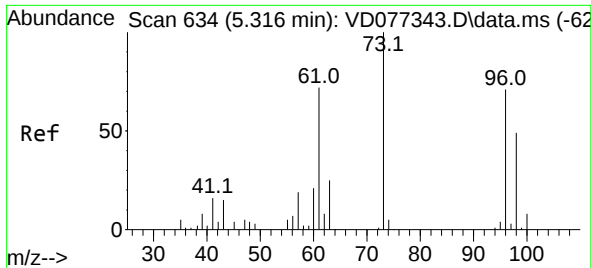
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#20
Methylene Chloride
Concen: 25.396 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

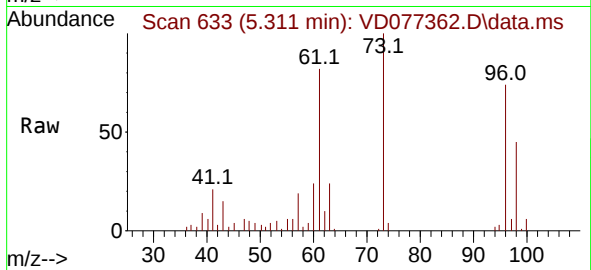
Tgt Ion: 84 Resp: 59381
Ion Ratio Lower Upper
84 100
49 108.2 71.4 107.2#
51 28.1 24.5 36.7
86 72.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.675 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

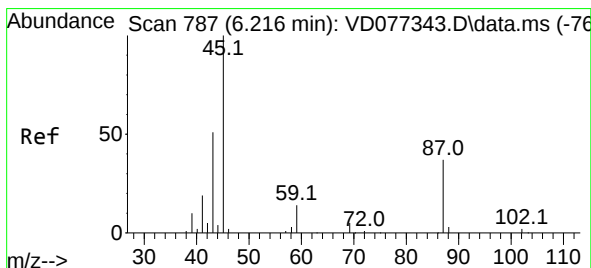
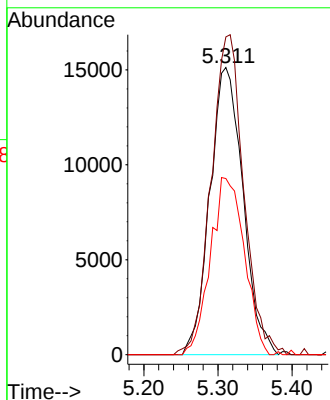
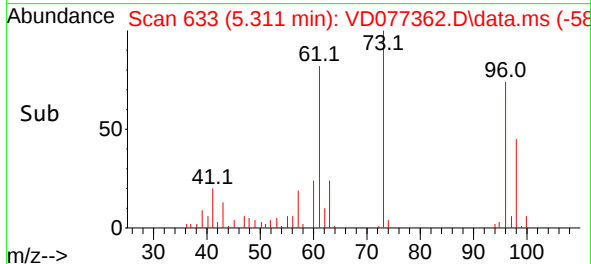
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 96 Resp: 46878
Ion Ratio Lower Upper
96 100
61 109.3 89.3 133.9
98 61.4 48.6 73.0

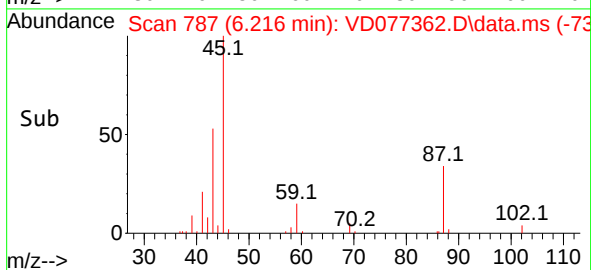
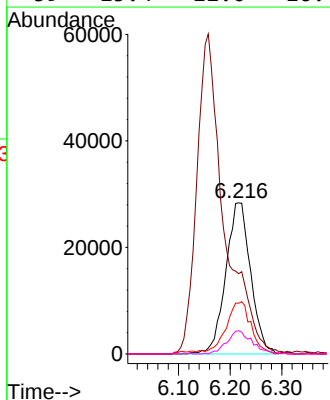
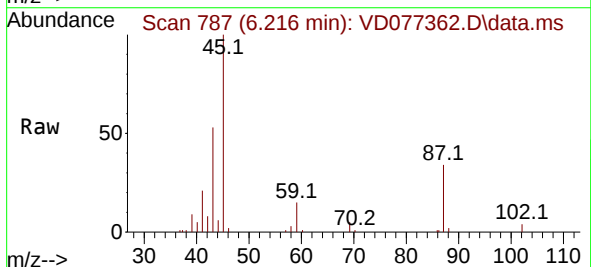
Manual Integrations
APPROVED

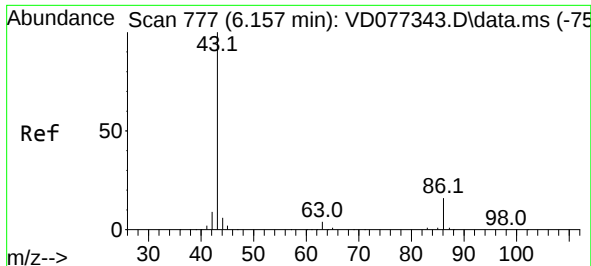
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
Diisopropyl ether
Concen: 24.496 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 45 Resp: 94876
Ion Ratio Lower Upper
45 100
43 51.5 40.0 60.0
87 33.1 28.2 42.4
59 15.4 11.0 16.4





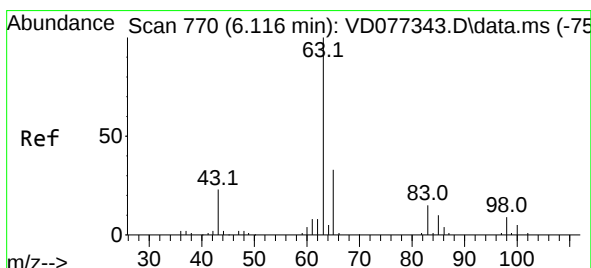
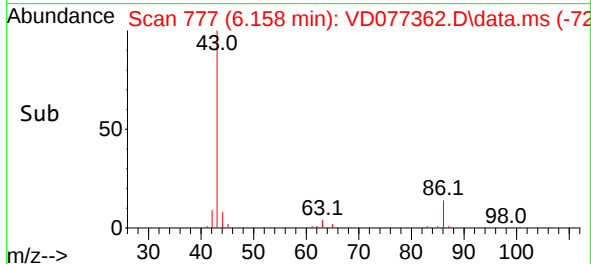
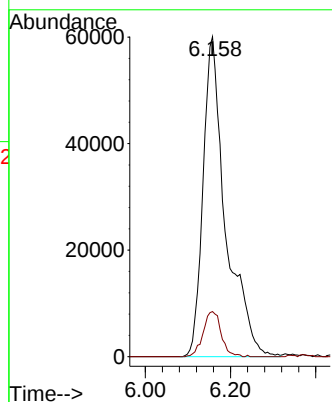
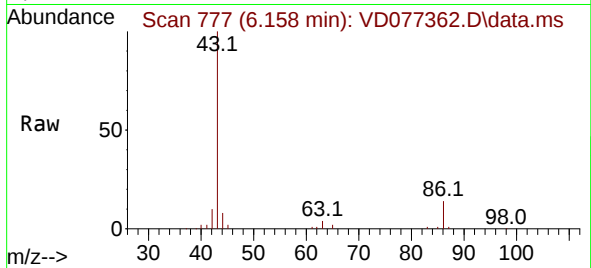
#23
 Vinyl Acetate
 Concen: 122.133 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077362.D
 Acq: 20 Oct 2023 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01

Tgt Ion: 43 Resp: 22167
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.5 18.7

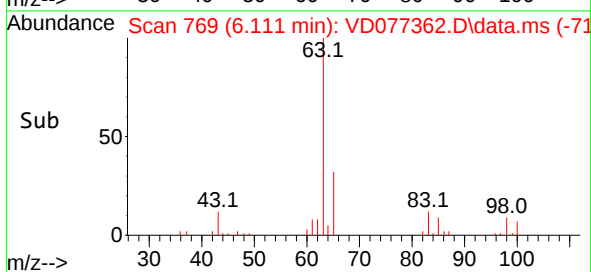
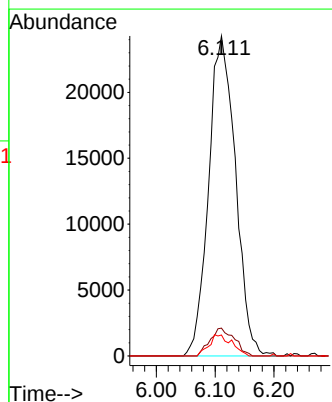
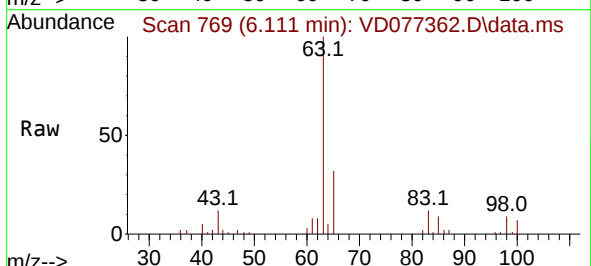
Manual Integrations
 APPROVED

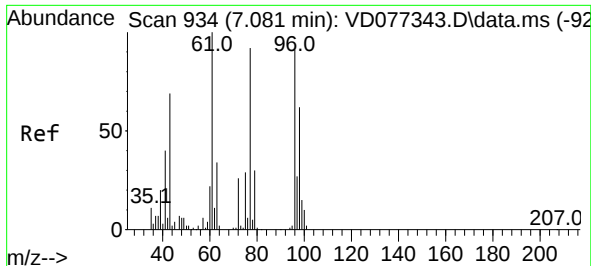
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#24
 1,1-Dichloroethane
 Concen: 23.949 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD077362.D
 Acq: 20 Oct 2023 13:02

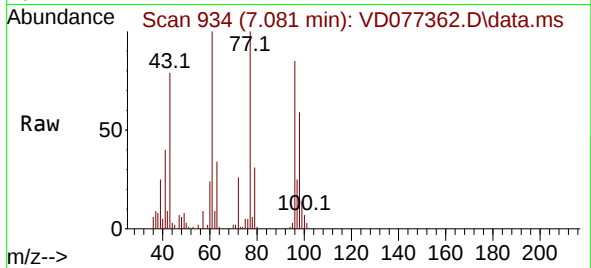
Tgt Ion: 63 Resp: 77120
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 6.6 2.5 7.5





#25
2-Butanone
Concen: 122.590 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

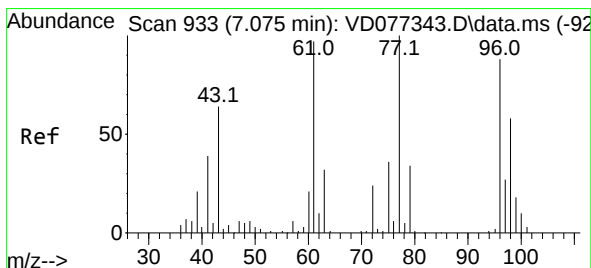
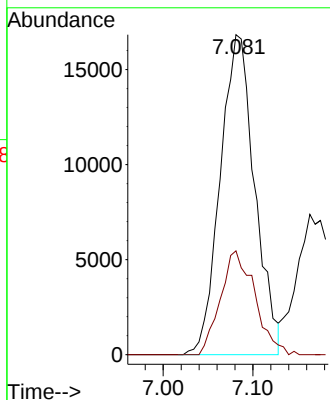
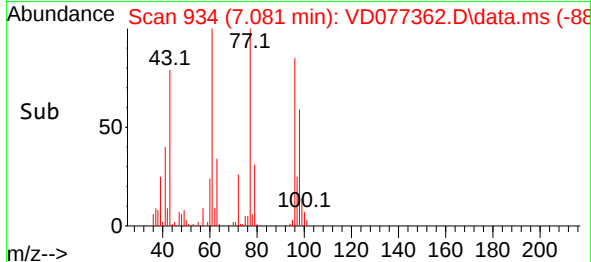
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion: 43 Resp: 4497
Ion Ratio Lower Upper
43 100
72 32.4 30.7 46.1

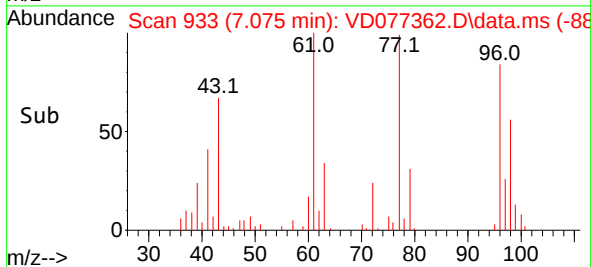
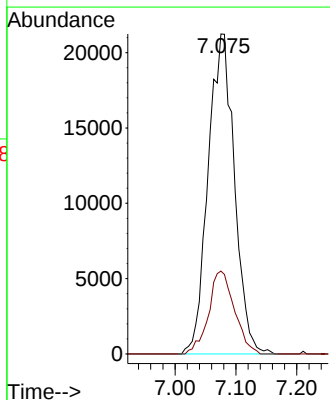
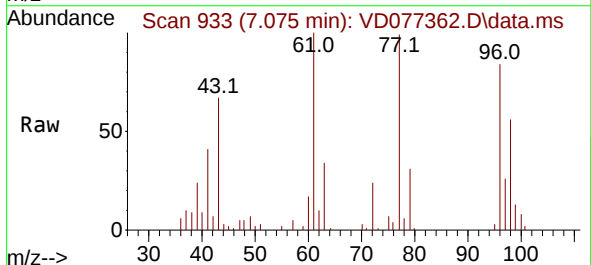
Manual Integrations
APPROVED

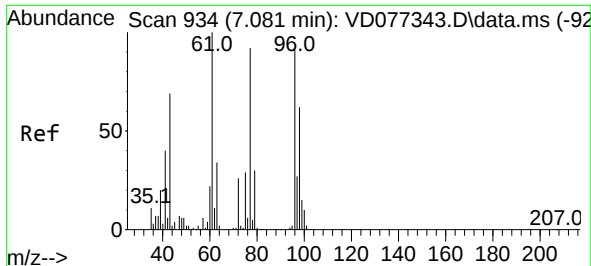
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#26
2,2-Dichloropropane
Concen: 21.703 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

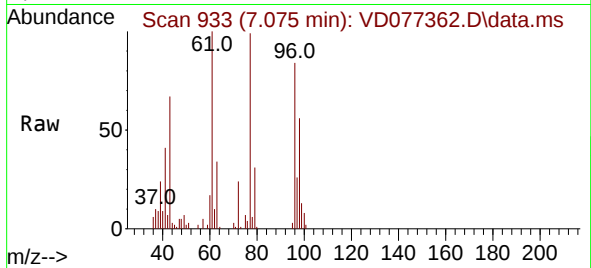
Tgt Ion: 77 Resp: 63725
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.800 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD077362.D
 Acq: 20 Oct 2023 13:02

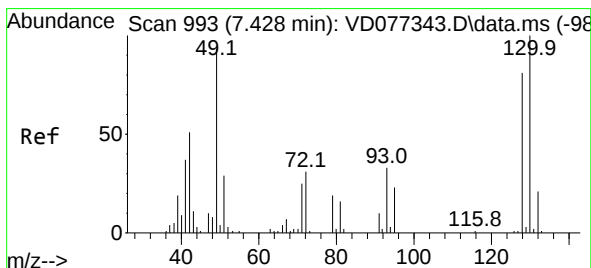
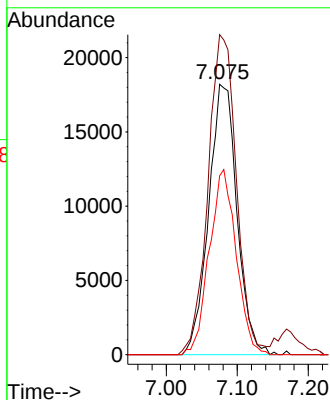
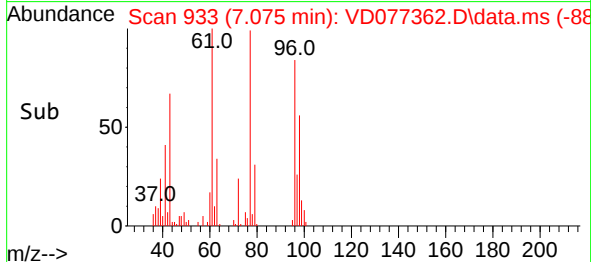
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBSD01



Tgt Ion: 96 Resp: 5044
 Ion Ratio Lower Upper
 96 100
 61 118.7 0.0 239.2
 98 65.2 0.0 128.6

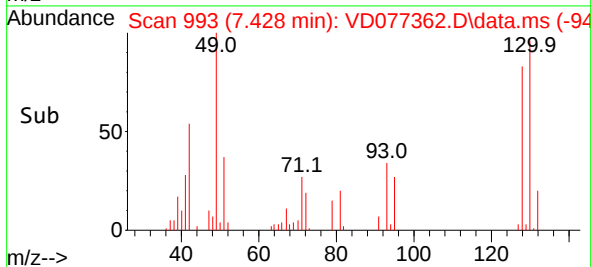
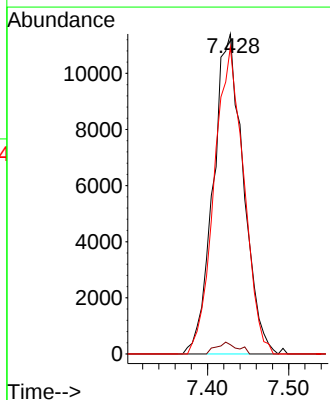
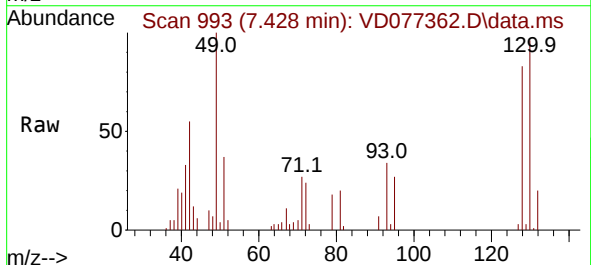
Manual Integrations
 APPROVED

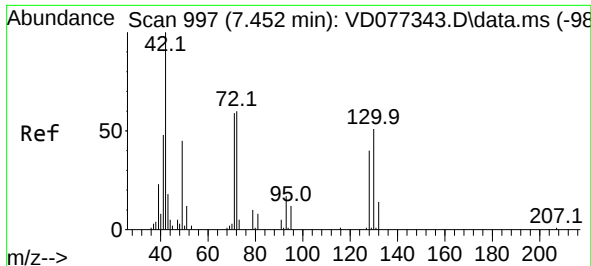
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#28
 Bromochloromethane
 Concen: 24.944 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077362.D
 Acq: 20 Oct 2023 13:02

Tgt Ion: 49 Resp: 29342
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 94.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 126.448 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBSD01

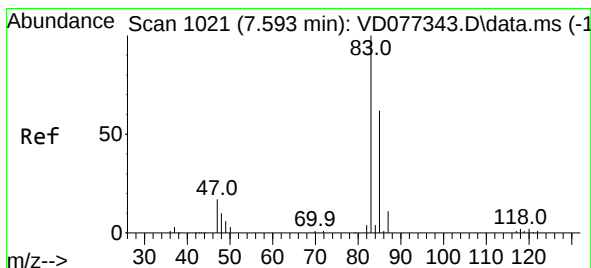
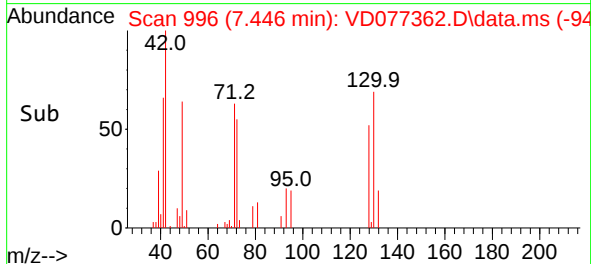
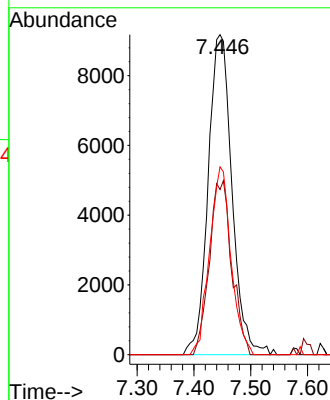
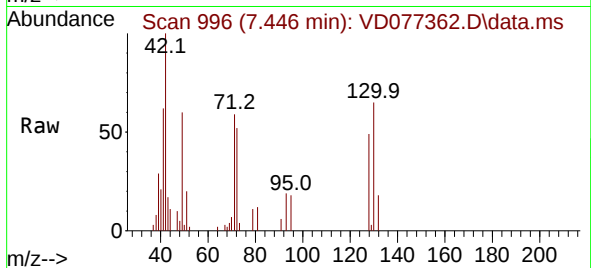
Tgt Ion:	42	Resp:	2675
Ion Ratio	Lower	Upper	
42	100		
72	51.0	46.5	69.7
71	52.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#30

Chloroform

Concen: 22.782 ug/l

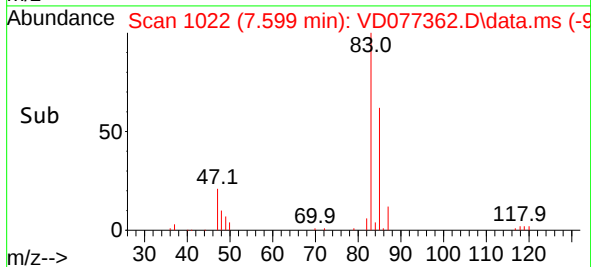
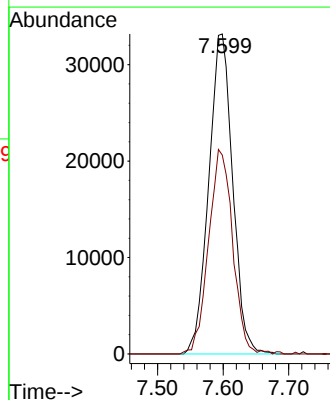
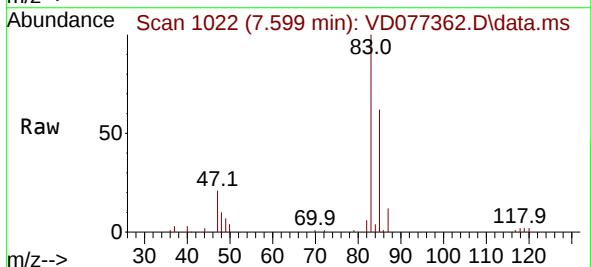
RT: 7.599 min Scan# 1022

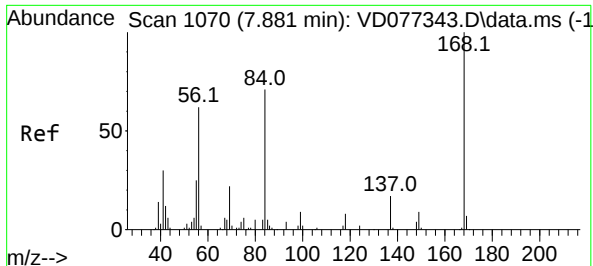
Delta R.T. 0.006 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

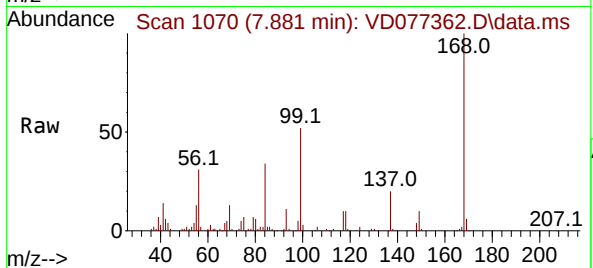
Tgt Ion:	83	Resp:	84171
Ion Ratio	Lower	Upper	
83	100		
85	62.2	53.4	80.2





#31
Cyclohexane
Concen: 21.903 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

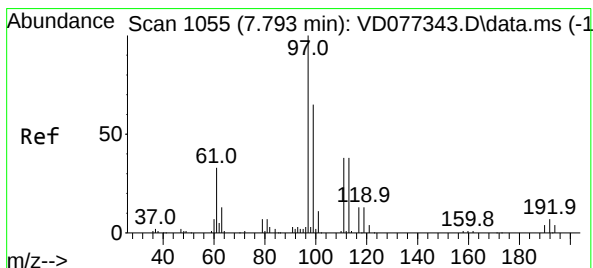
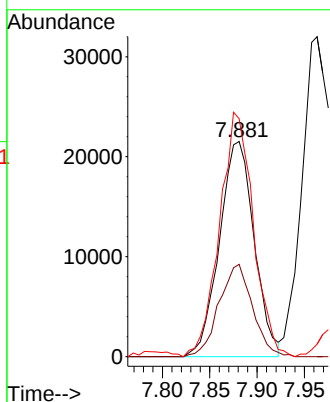
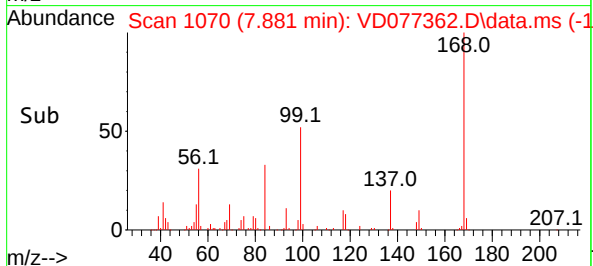
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion: 56 Resp: 54950
Ion Ratio Lower Upper
56 100
69 42.9 28.6 43.0
84 109.3 84.8 127.2

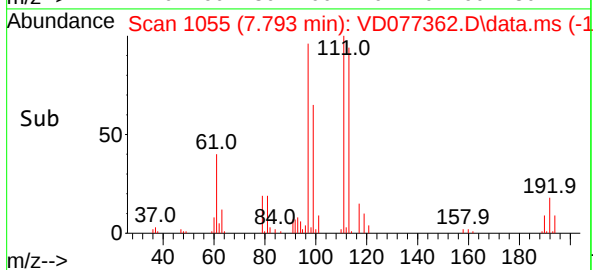
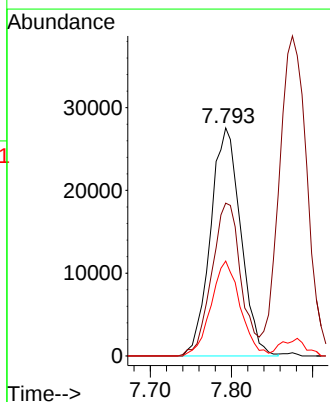
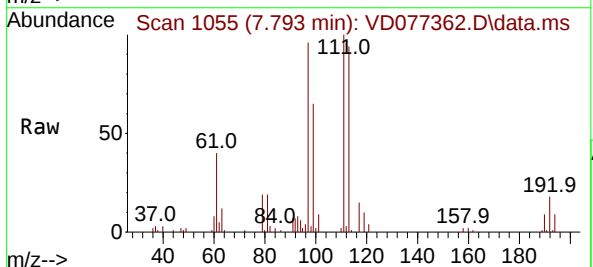
Manual Integrations
APPROVED

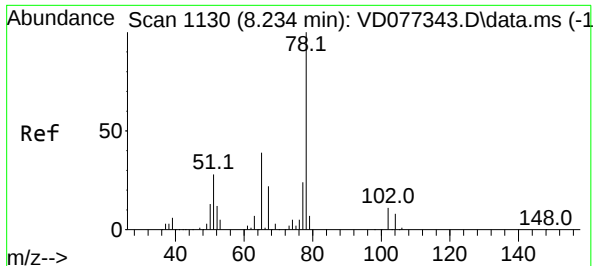
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#32
1,1,1-Trichloroethane
Concen: 22.394 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 97 Resp: 71380
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 40.1 33.8 50.8





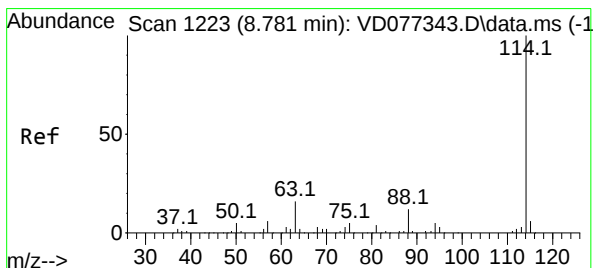
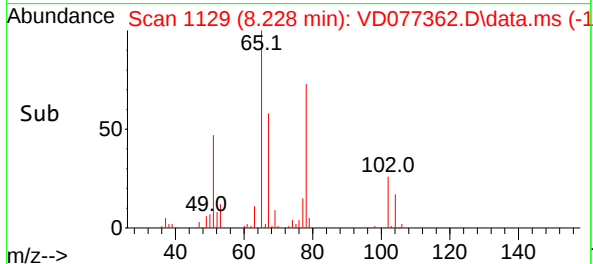
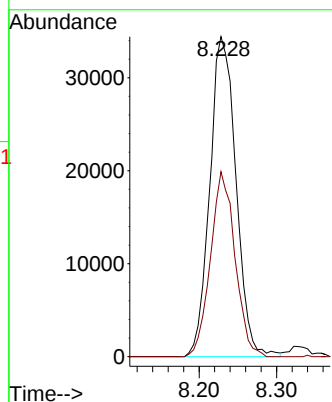
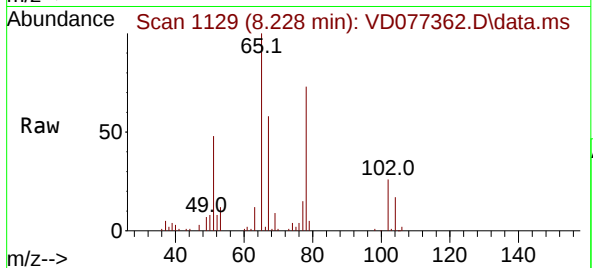
#33
1,2-Dichloroethane-d4
Concen: 50.101 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 65 Resp: 80790
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0

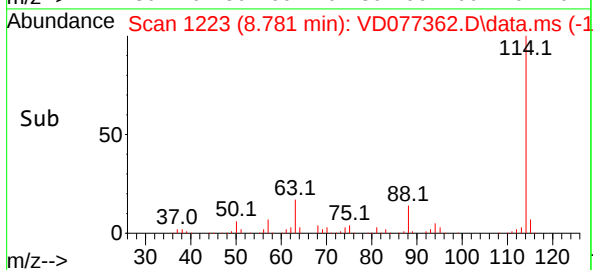
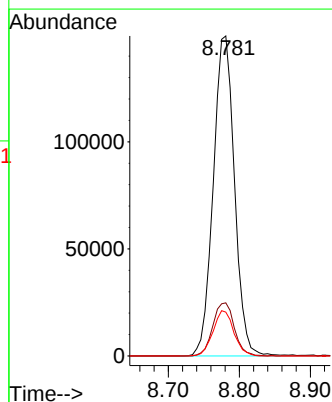
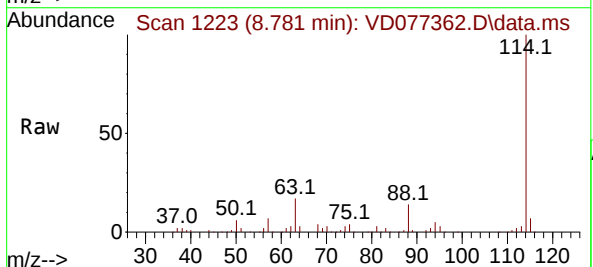
Manual Integrations
APPROVED

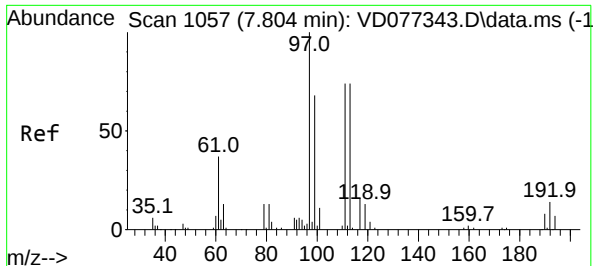
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

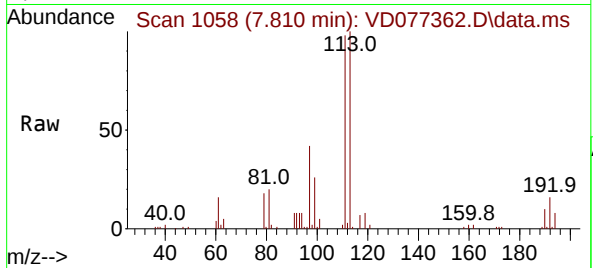
Tgt Ion:114 Resp: 309450
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 13.7 0.0 26.2





#35
Dibromofluoromethane
Concen: 43.392 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

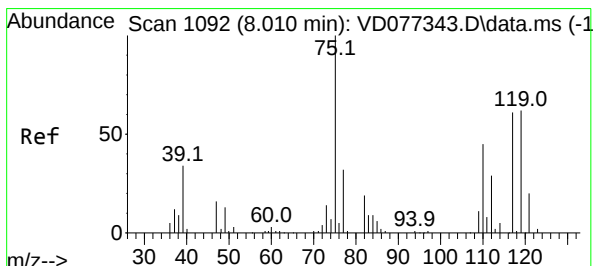
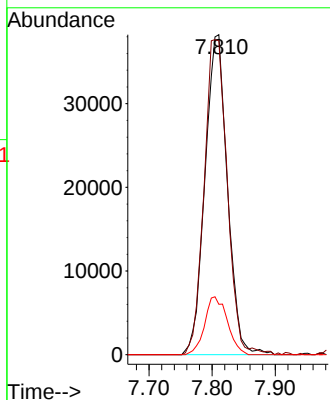
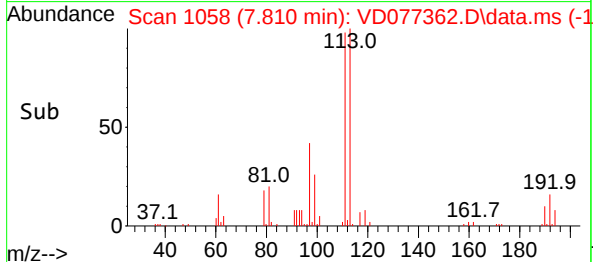
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 113 Resp: 9433
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 18.3 16.8 25.2

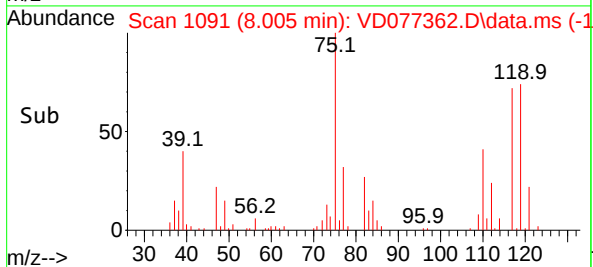
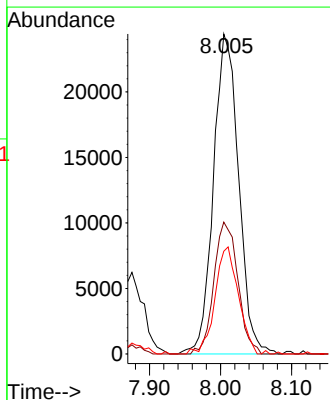
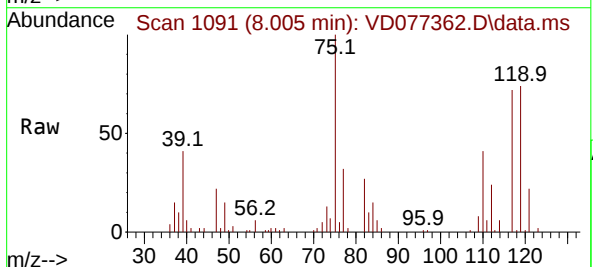
Manual Integrations
APPROVED

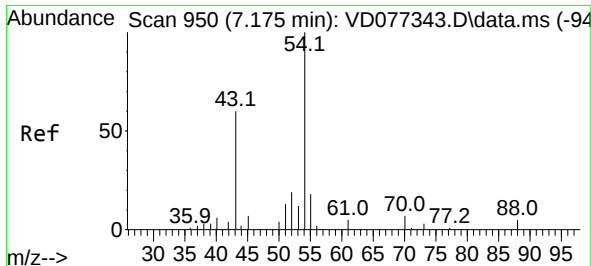
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#36
1,1-Dichloropropene
Concen: 21.011 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 75 Resp: 60021
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.6
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 24.192 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBSD01

Tgt Ion: 43 Resp: 21708

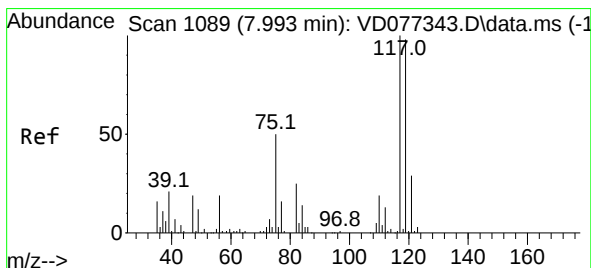
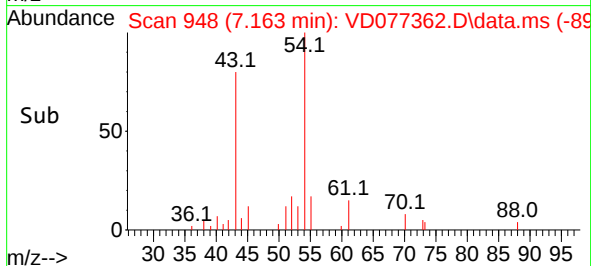
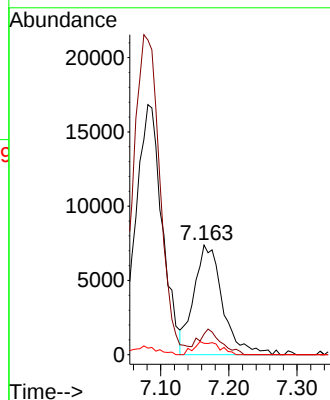
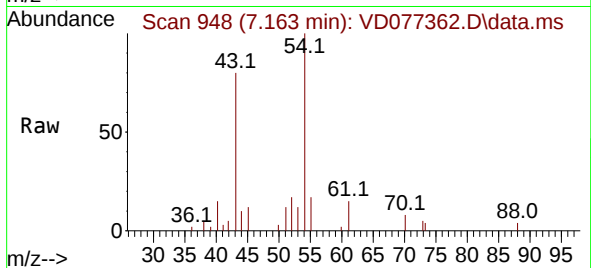
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.9	22.3
70	10.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

Carbon Tetrachloride

Concen: 20.088 ug/l

RT: 7.993 min Scan# 1089

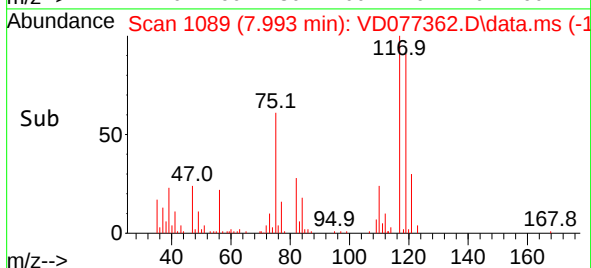
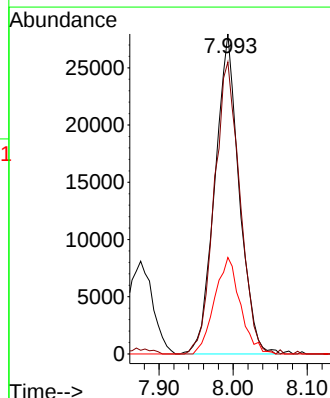
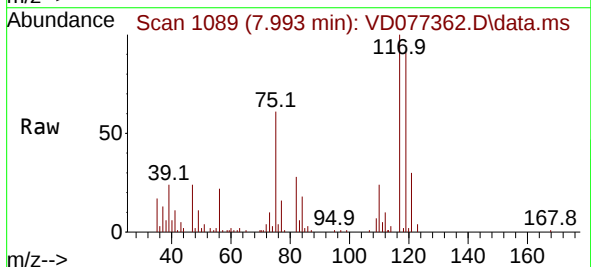
Delta R.T. -0.000 min

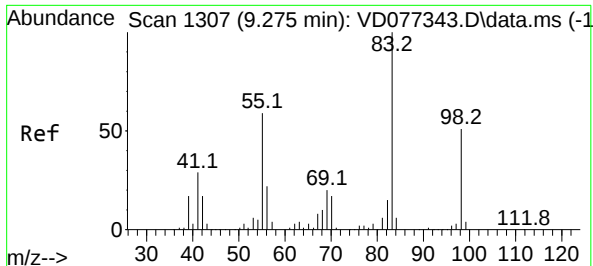
Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

Tgt Ion:117 Resp: 63836

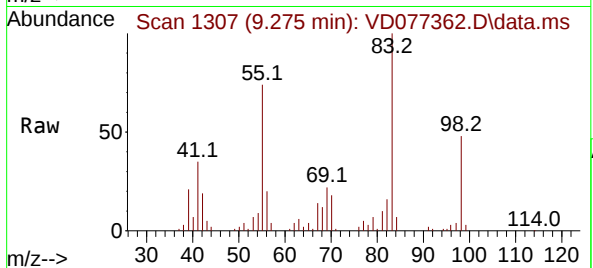
Ion	Ratio	Lower	Upper
117	100		
119	91.2	78.0	117.0
121	30.2	24.2	36.2





#39
Methylcyclohexane
Concen: 19.237 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

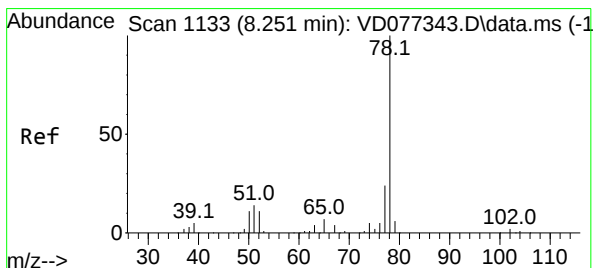
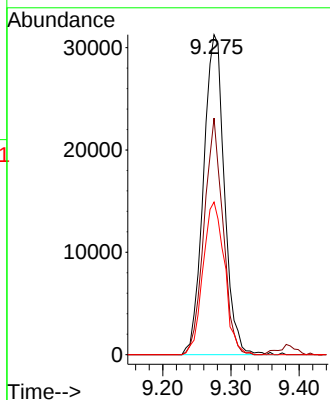
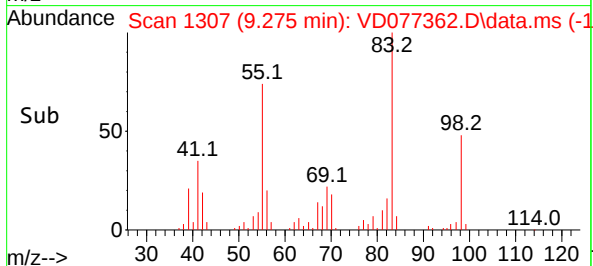
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



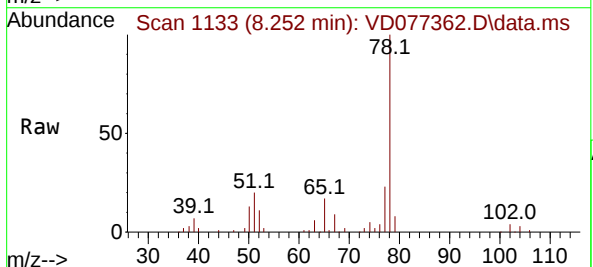
Tgt Ion: 83 Resp: 6677
Ion Ratio Lower Upper
83 100
55 74.0 49.4 74.0
98 47.7 38.4 57.6

Manual Integrations
APPROVED

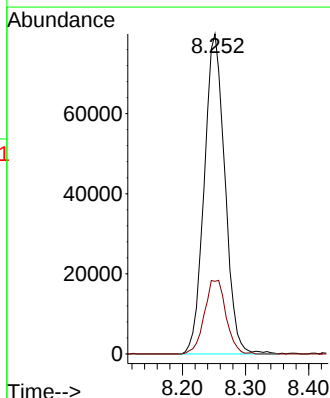
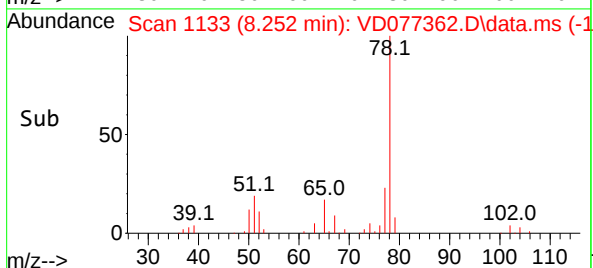
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

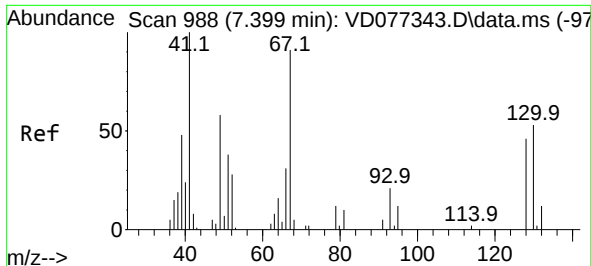


#40
Benzene
Concen: 20.928 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



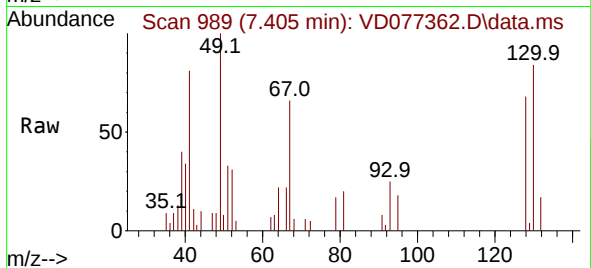
Tgt Ion: 78 Resp: 181428
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.0





#41
Methacrylonitrile
Concen: 26.606 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

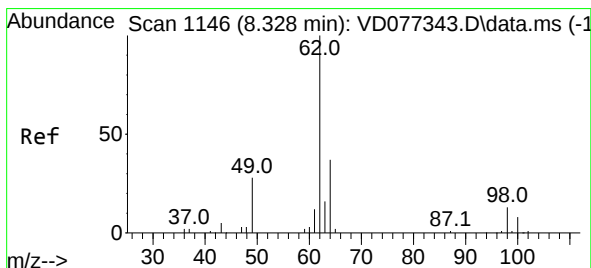
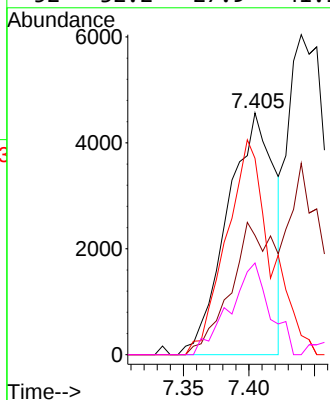
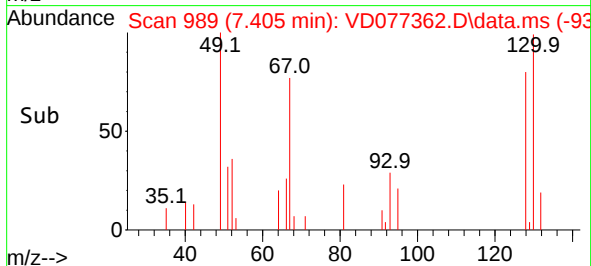
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 41 Resp: 11394
Ion Ratio Lower Upper
41 100
39 37.7 34.0 51.0
67 84.4 77.0 115.4
52 32.2 27.9 41.9

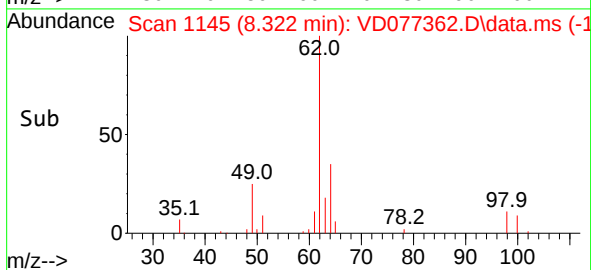
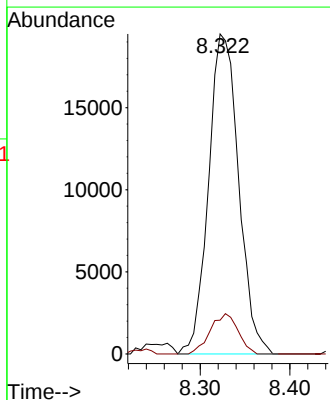
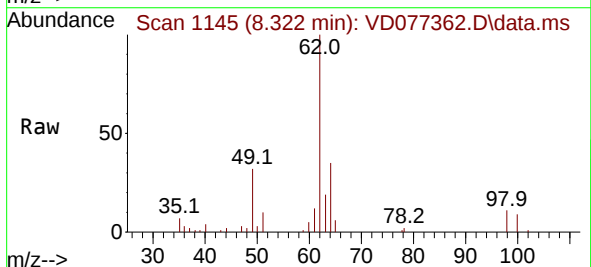
Manual Integrations
APPROVED

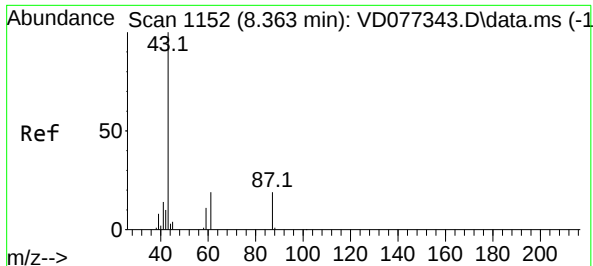
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#42
1,2-Dichloroethane
Concen: 22.244 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

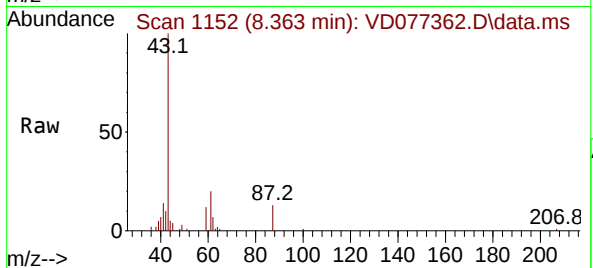
Tgt Ion: 62 Resp: 45421
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 23.117 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

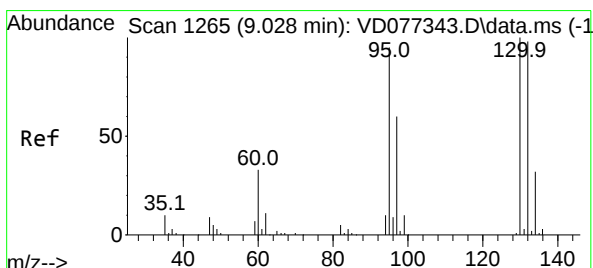
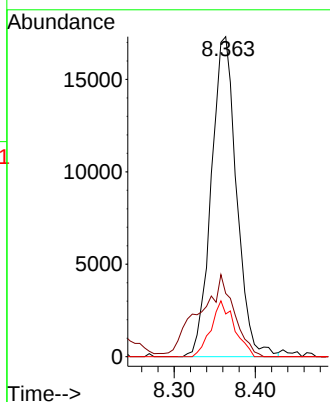
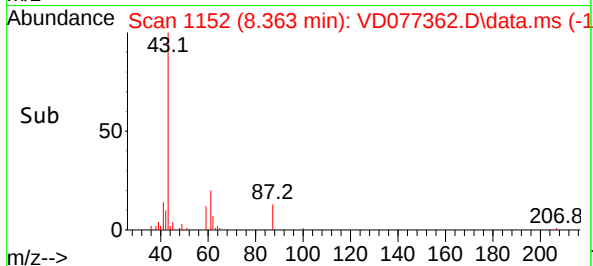
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 43 Resp: 37344
Ion Ratio Lower Upper
43 100
61 35.9 31.4 47.0
87 16.1 14.9 22.3

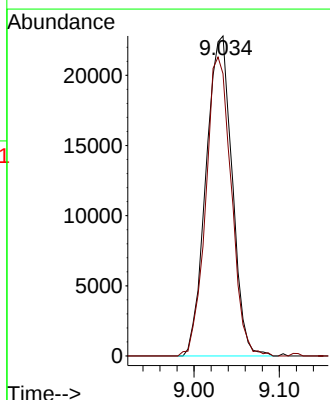
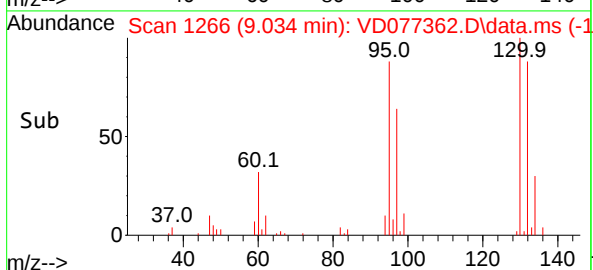
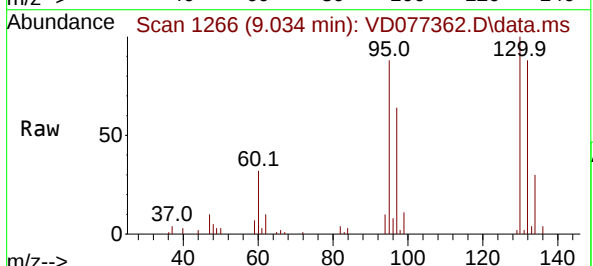
Manual Integrations
APPROVED

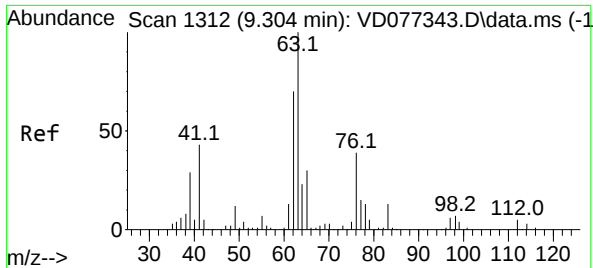
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#44
Trichloroethene
Concen: 19.196 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion:130 Resp: 48653
Ion Ratio Lower Upper
130 100
95 88.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.668 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 63 Resp: 43300

Ion Ratio Lower Upper

63 100

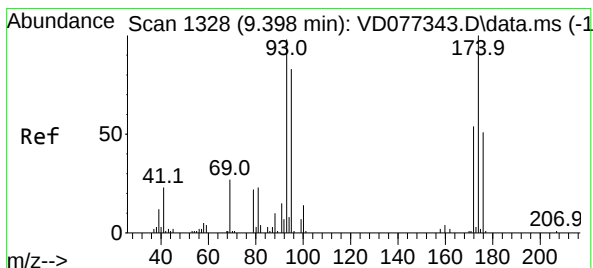
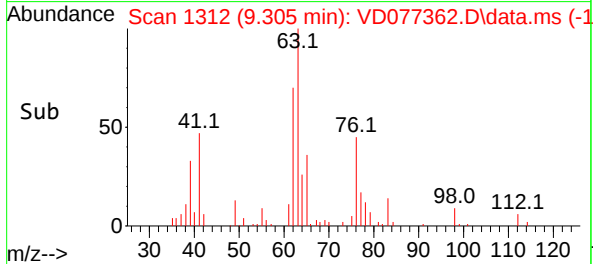
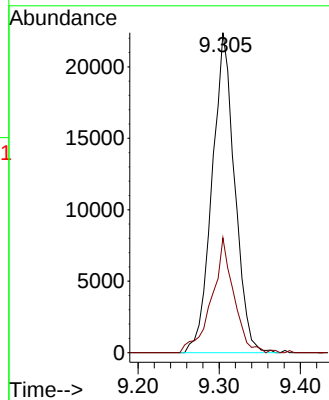
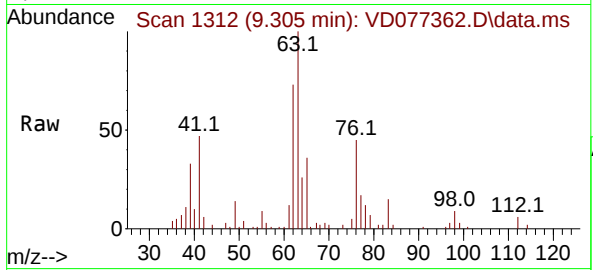
65 35.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#46

Dibromomethane

Concen: 20.365 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

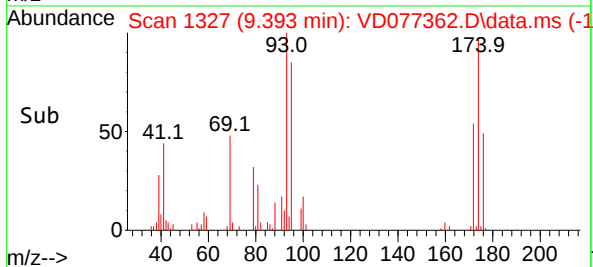
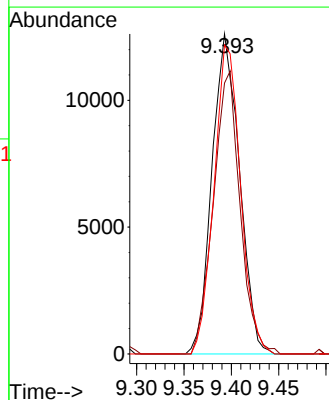
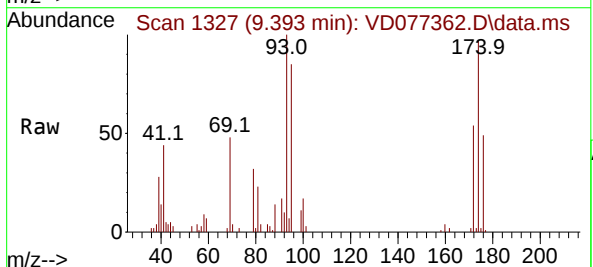
Tgt Ion: 93 Resp: 25442

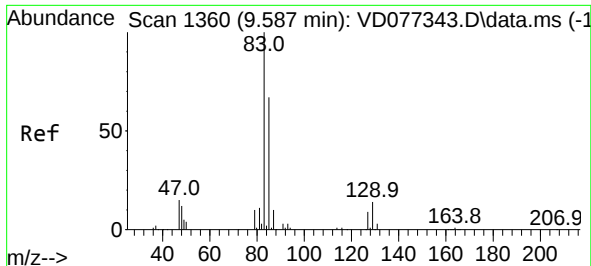
Ion Ratio Lower Upper

93 100

95 86.0 67.7 101.5

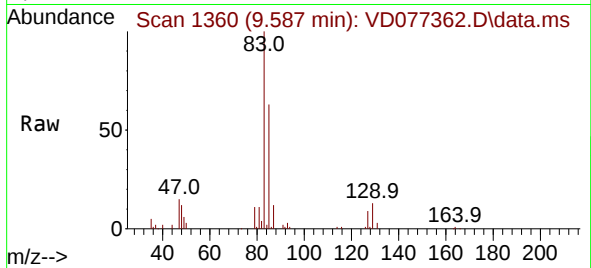
174 93.4 85.4 128.2





#47
Bromodichloromethane
Concen: 26.162 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

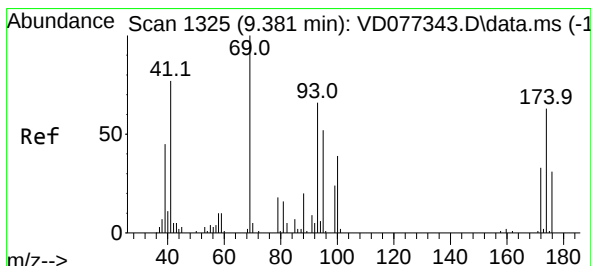
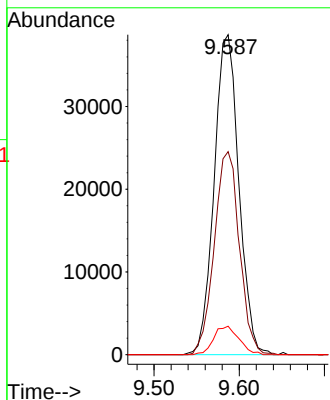
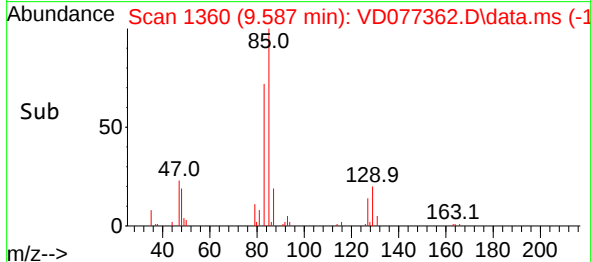
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 83 Resp: 7793
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.9 6.3 9.5

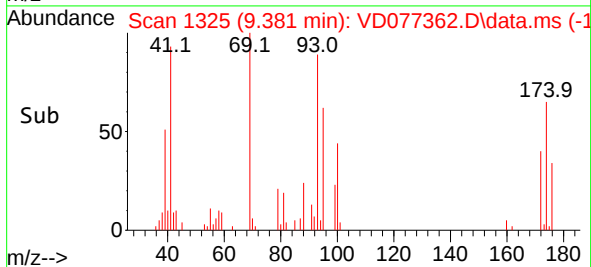
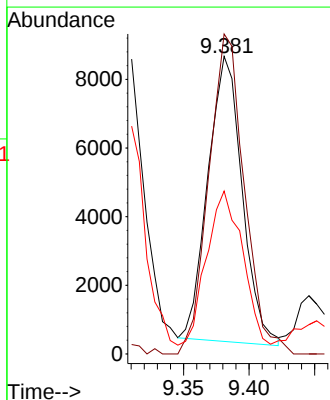
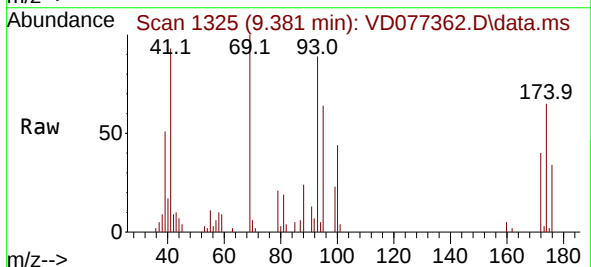
Manual Integrations
APPROVED

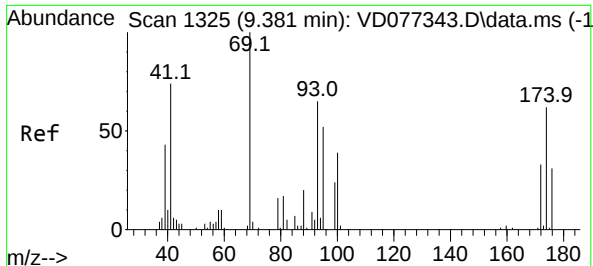
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#48
Methyl methacrylate
Concen: 20.653 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

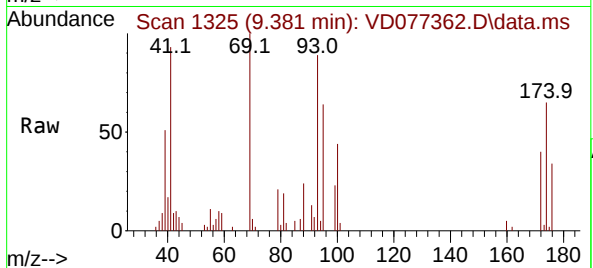
Tgt Ion: 41 Resp: 15093
Ion Ratio Lower Upper
41 100
69 116.5 102.2 153.2
39 57.9 41.4 62.2





#49
1,4-Dioxane
Concen: 401.963 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

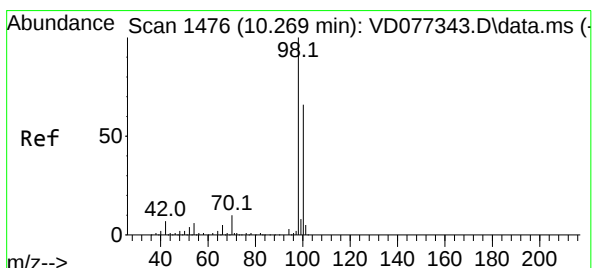
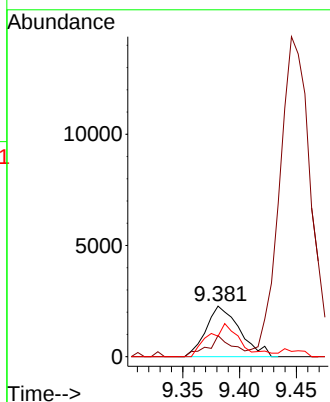
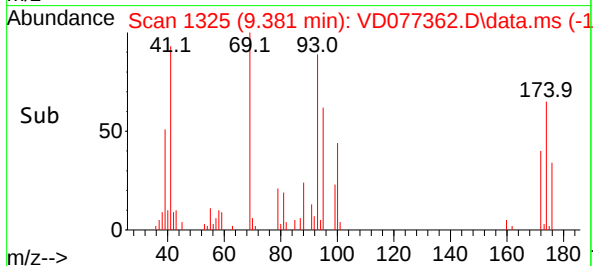
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion: 88 Resp: 4652
Ion Ratio Lower Upper
88 100
43 30.8 19.0 28.6
58 61.1 43.5 65.3

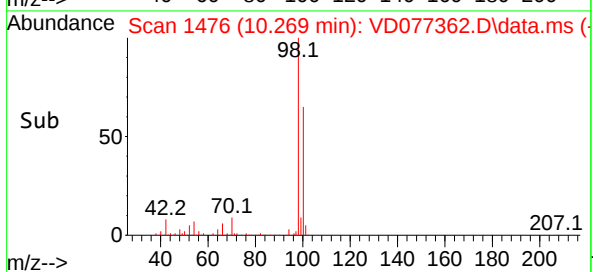
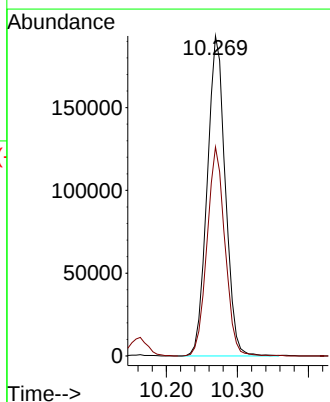
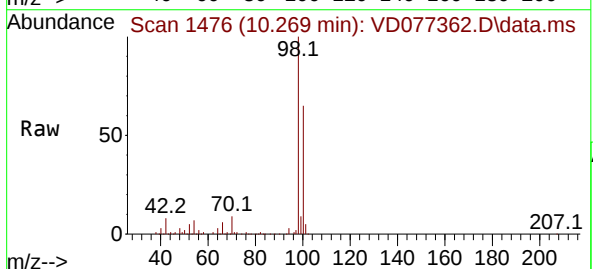
Manual Integrations
APPROVED

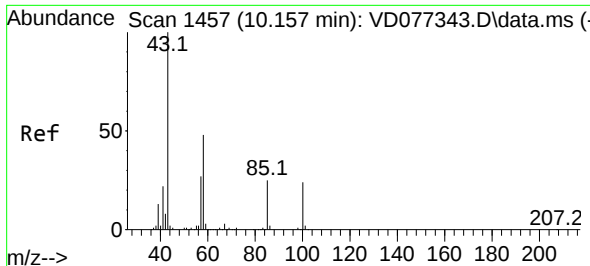
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#50
Toluene-d8
Concen: 43.944 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 98 Resp: 342144
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5





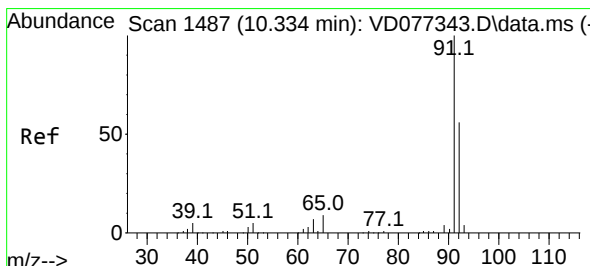
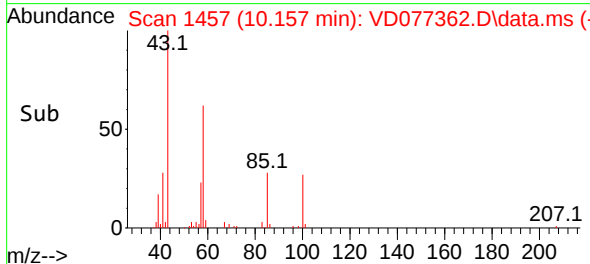
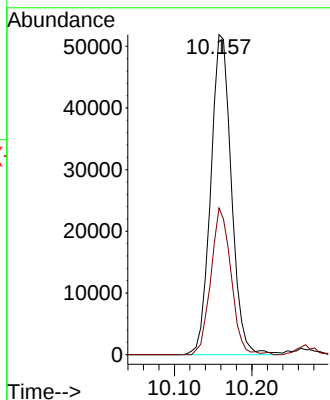
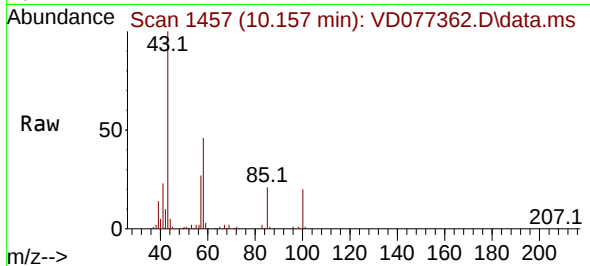
#51
4-Methyl-2-Pentanone
Concen: 118.486 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 43 Resp: 95940
Ion Ratio Lower Upper
43 100
58 44.8 38.9 58.3

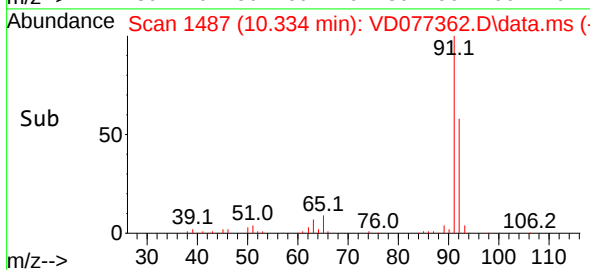
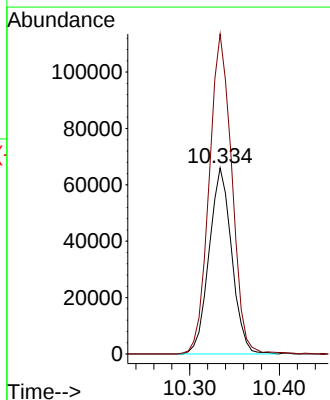
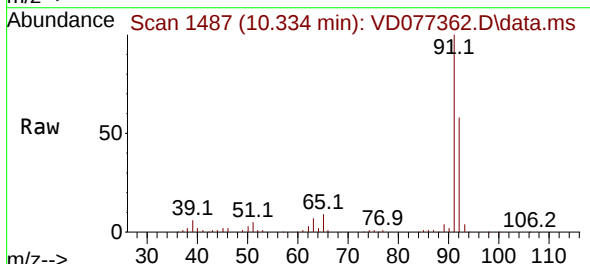
Manual Integrations
APPROVED

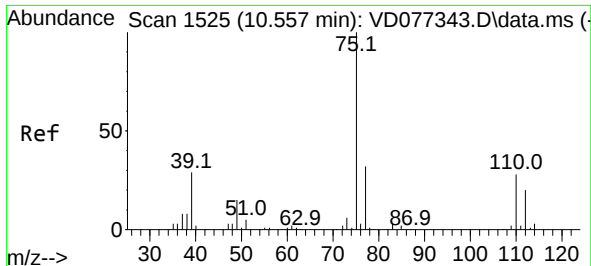
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#52
Toluene
Concen: 20.368 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

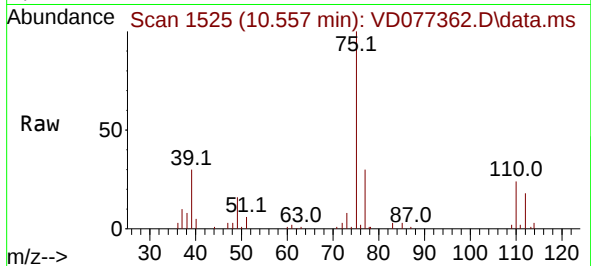
Tgt Ion: 92 Resp: 115283
Ion Ratio Lower Upper
92 100
91 173.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.985 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

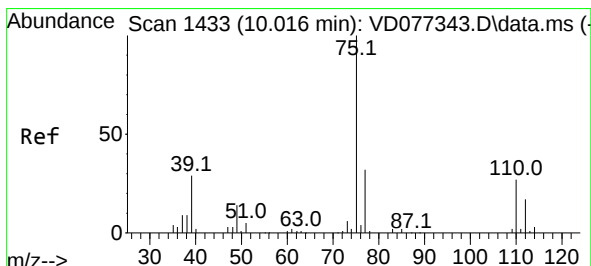
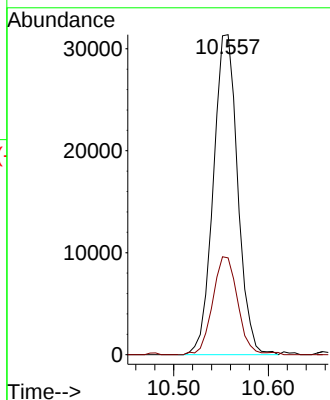
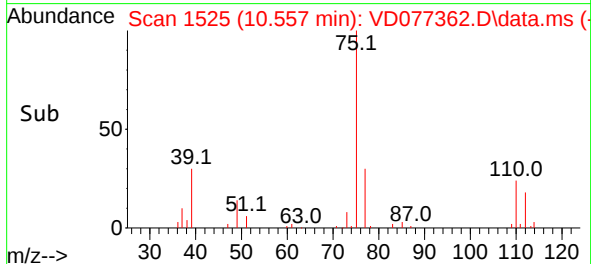
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 75 Resp: 5611
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9

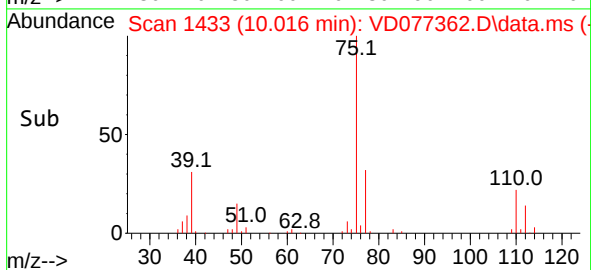
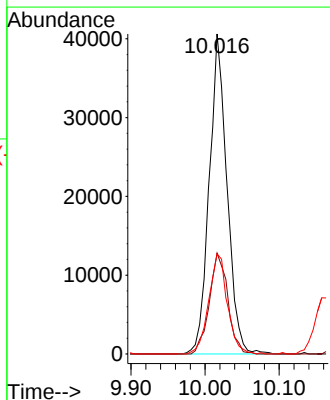
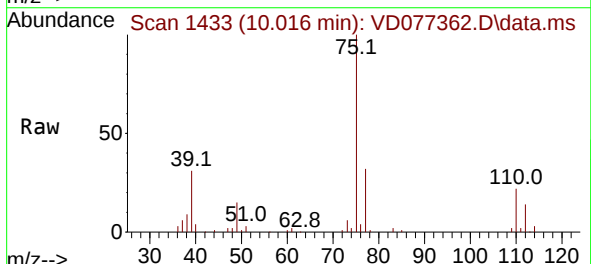
Manual Integrations
APPROVED

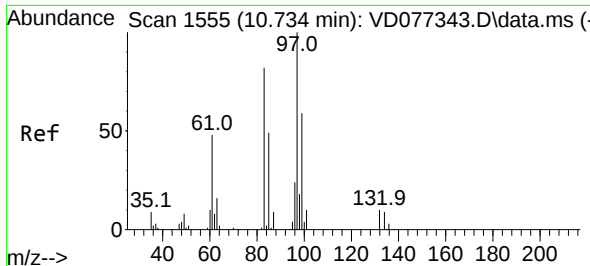
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#54
cis-1,3-Dichloropropene
Concen: 20.695 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

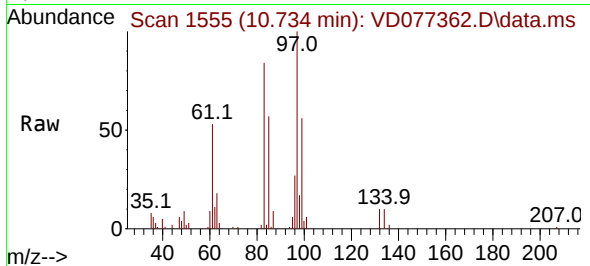
Tgt Ion: 75 Resp: 67708
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 31.3 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 20.940 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

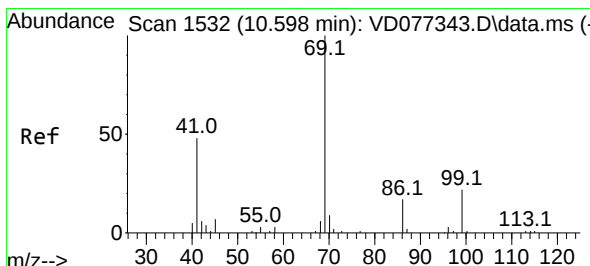
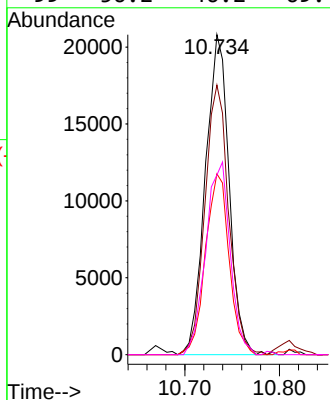
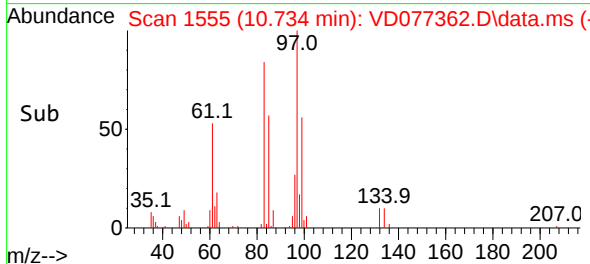
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.6
85	56.5	45.7	68.5
99	56.2	46.2	69.4

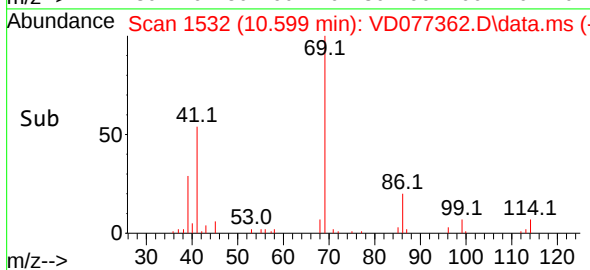
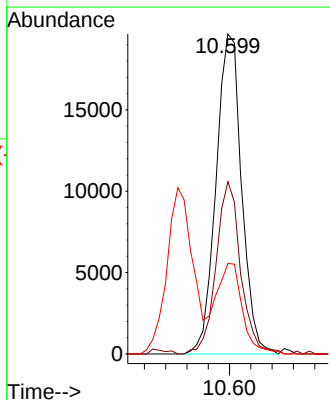
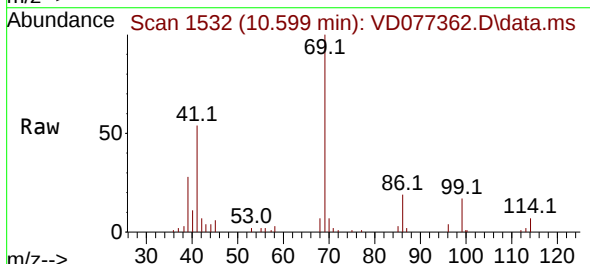
Manual Integrations
APPROVED

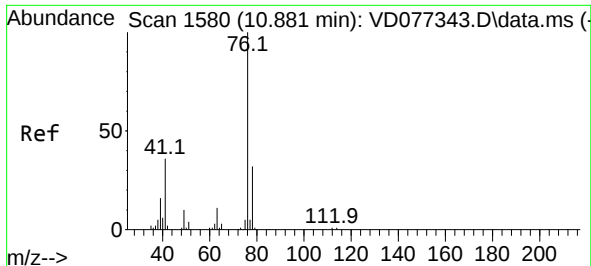
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#56
Ethyl methacrylate
Concen: 19.806 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	51.8	39.1	58.7
39	27.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.041 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBSD01

Tgt Ion: 76 Resp: 5592

Ion Ratio Lower Upper

76 100

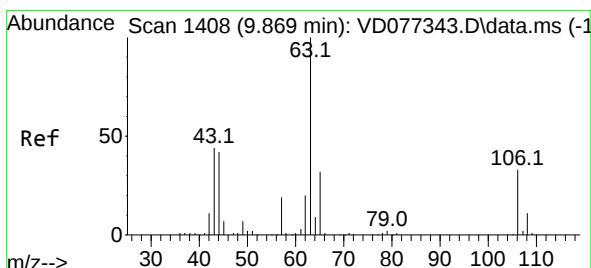
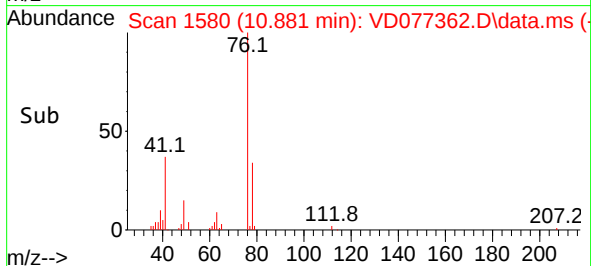
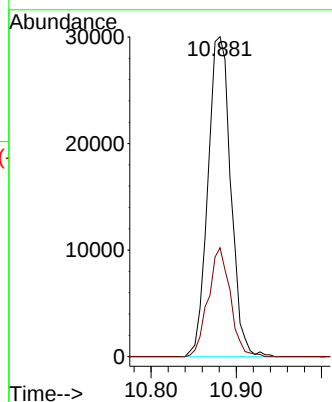
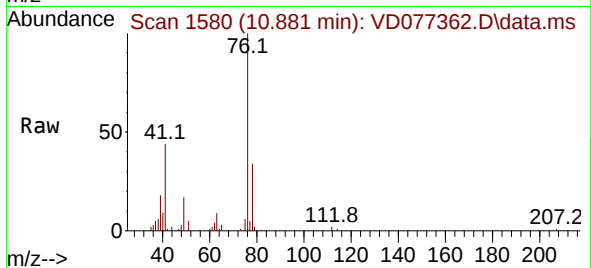
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 120.557 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077362.D

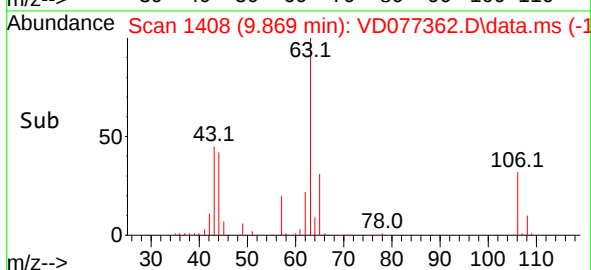
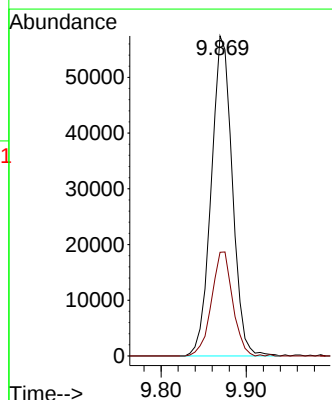
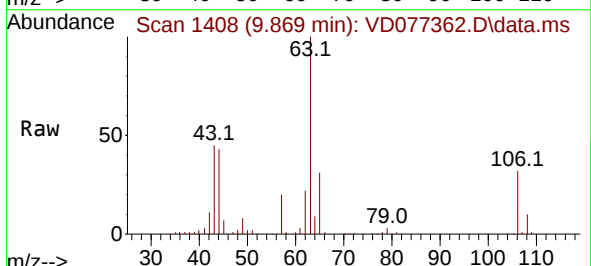
Acq: 20 Oct 2023 13:02

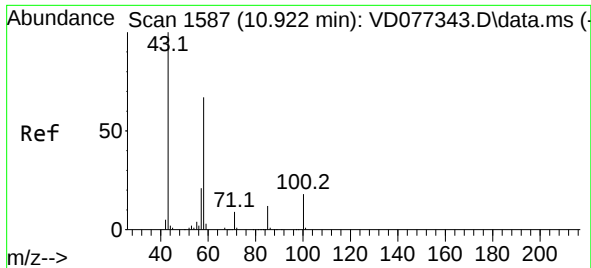
Tgt Ion: 63 Resp: 98590

Ion Ratio Lower Upper

63 100

106 32.7 25.3 37.9





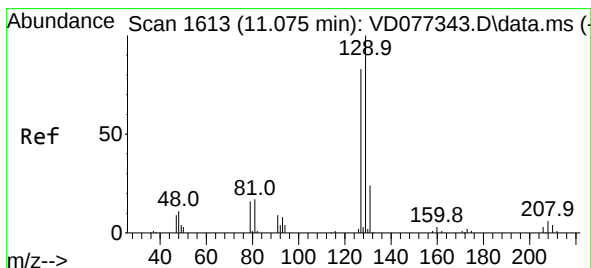
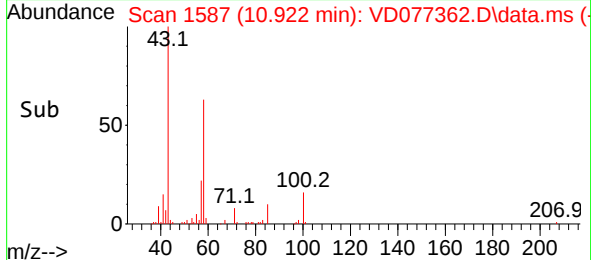
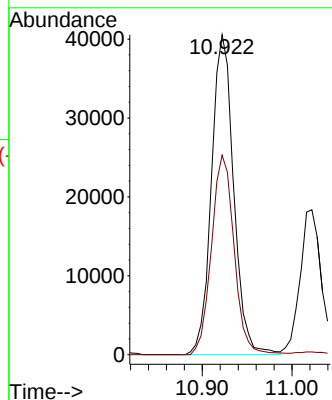
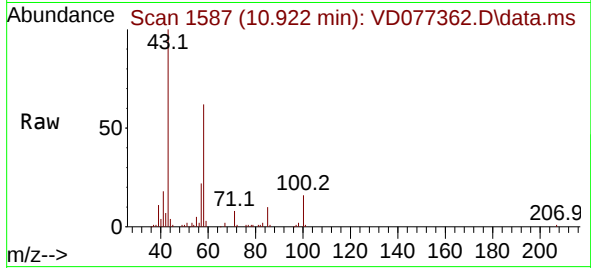
#59
2-Hexanone
Concen: 119.756 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 43 Resp: 69649
Ion Ratio Lower Upper
43 100
58 63.7 34.1 102.2

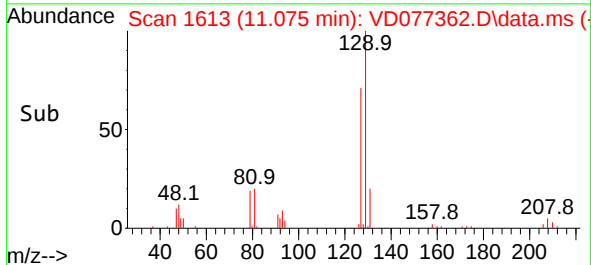
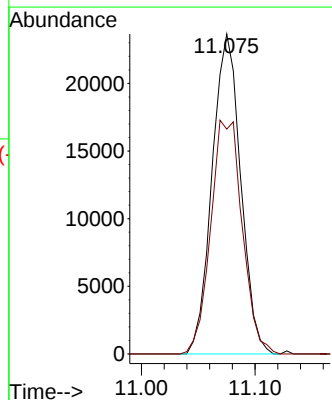
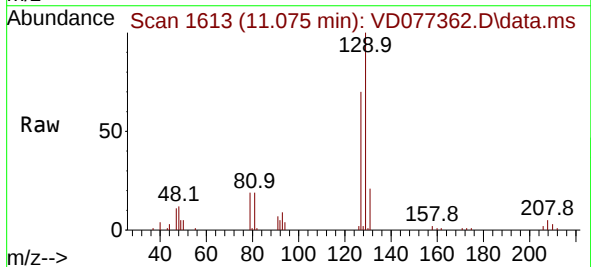
Manual Integrations
APPROVED

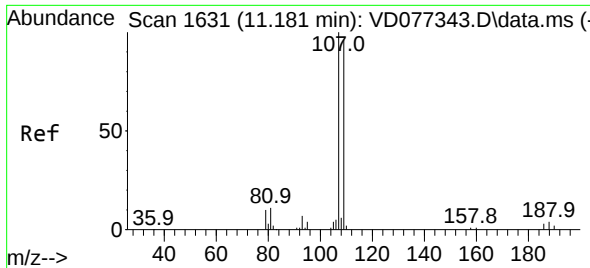
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#60
Dibromochloromethane
Concen: 18.699 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

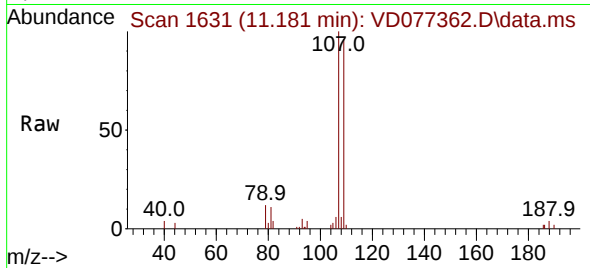
Tgt Ion:129 Resp: 41315
Ion Ratio Lower Upper
129 100
127 80.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.086 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

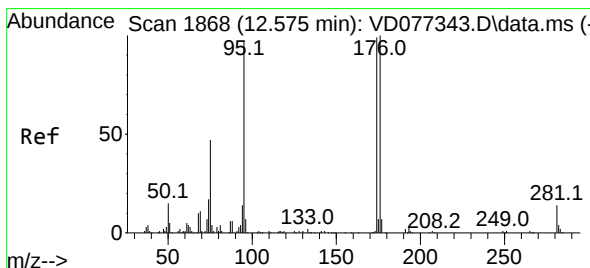
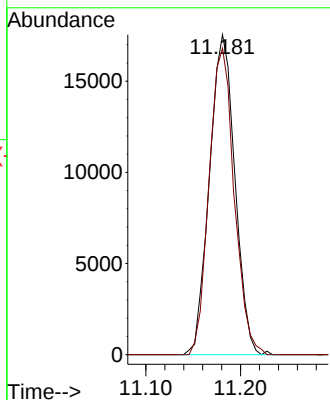
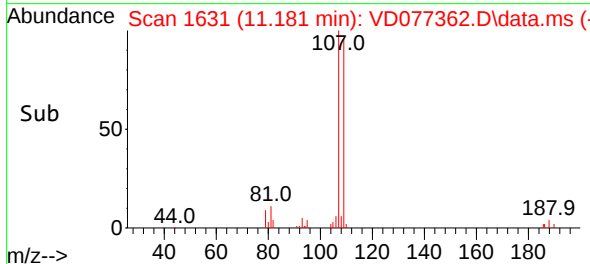
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



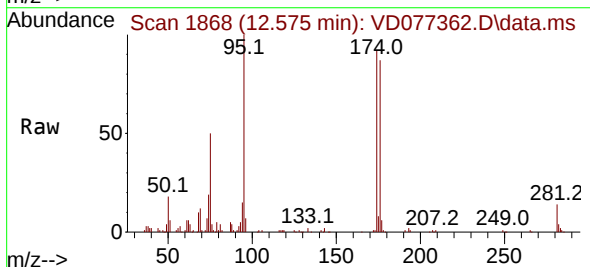
Tgt Ion:107 Resp: 3275
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

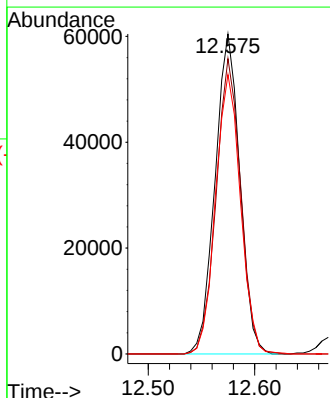
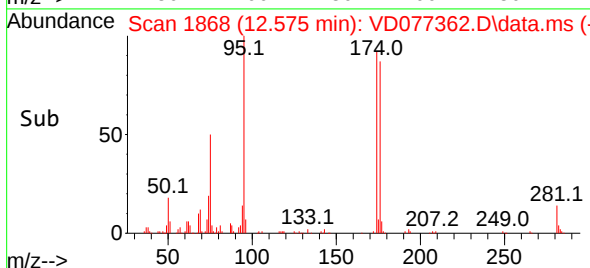
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

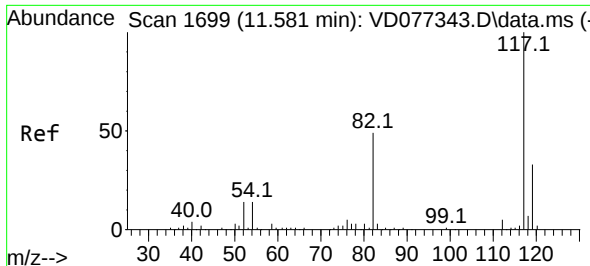


#62
4-Bromofluorobenzene
Concen: 43.572 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



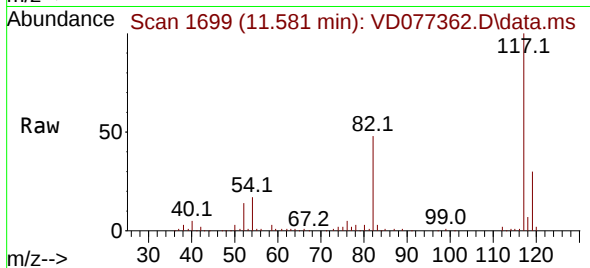
Tgt Ion: 95 Resp: 97655
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 87.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

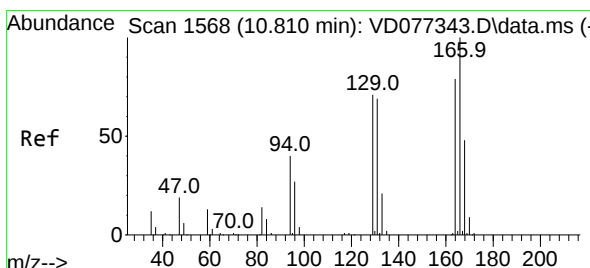
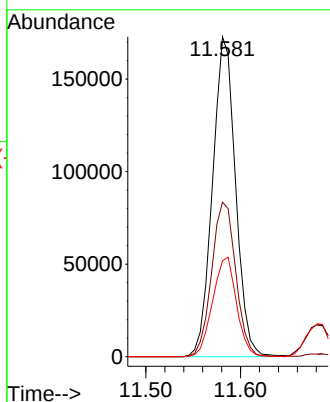
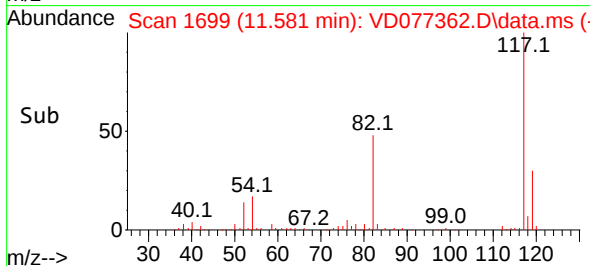
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion:117 Resp: 291910
Ion Ratio Lower Upper
117 100
82 48.3 38.3 57.5
119 29.9 25.0 37.4

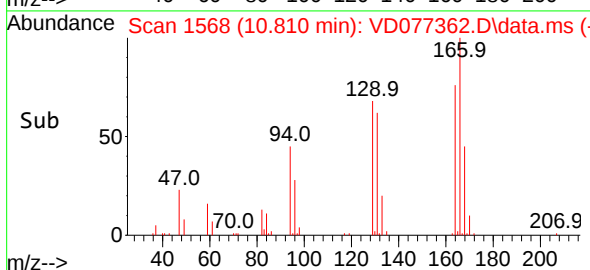
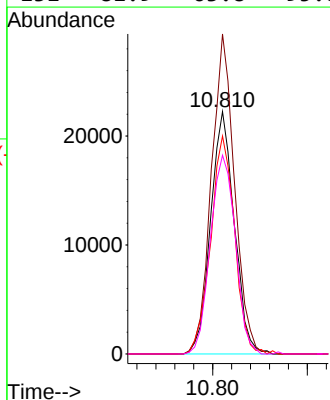
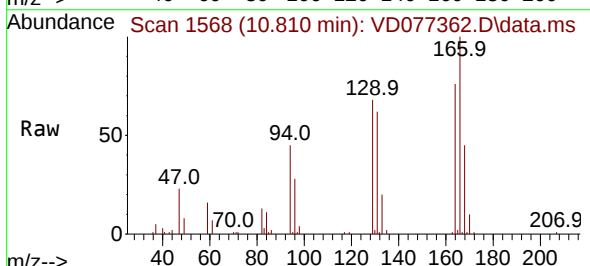
Manual Integrations
APPROVED

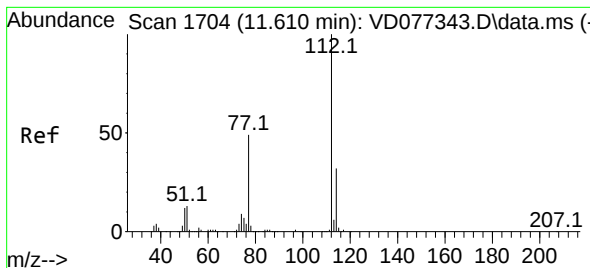
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#64
Tetrachloroethene
Concen: 17.818 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

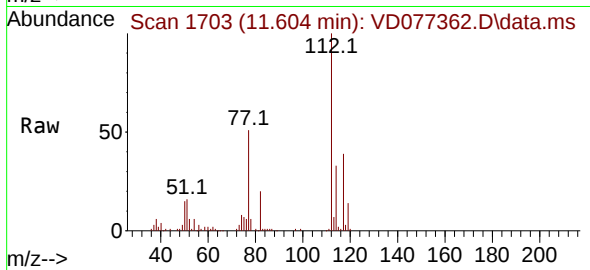
Tgt Ion:164 Resp: 38660
Ion Ratio Lower Upper
164 100
166 132.0 99.2 148.8
129 89.9 68.4 102.6
131 81.9 63.8 95.8





#65
Chlorobenzene
Concen: 18.996 ug/l
RT: 11.604 min Scan# 11604
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

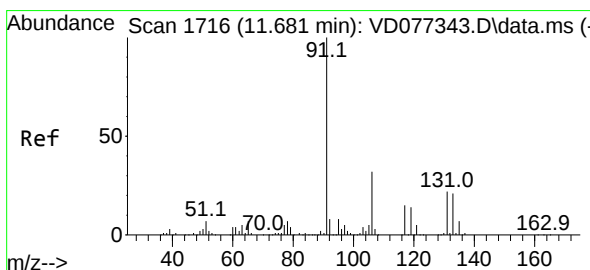
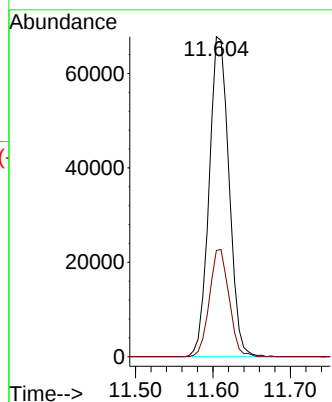
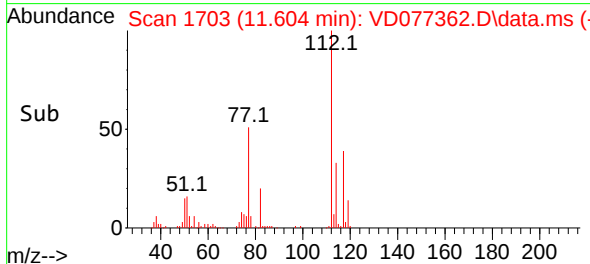
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion:112 Resp: 12086
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7

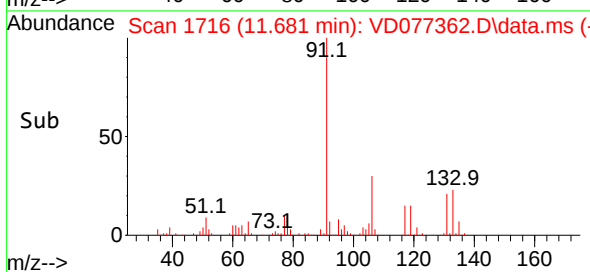
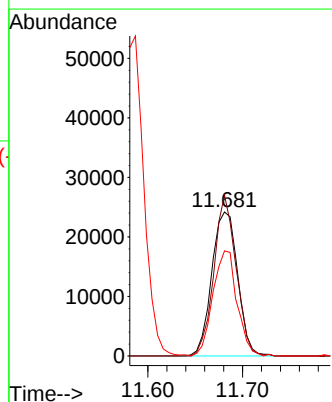
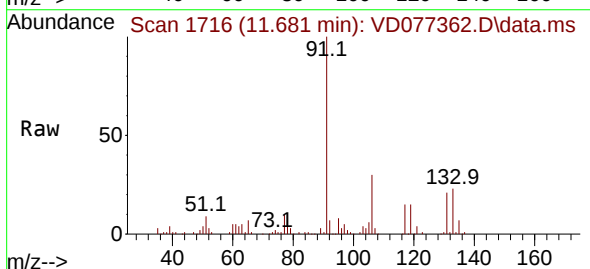
Manual Integrations
APPROVED

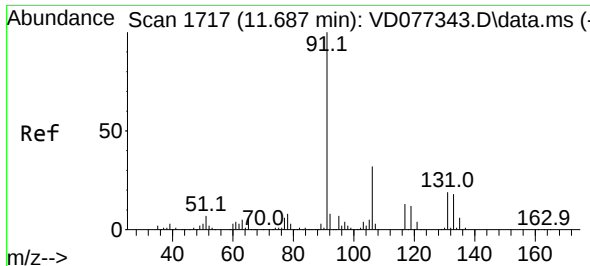
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.988 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion:131 Resp: 45926
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 68.1 35.6 106.9





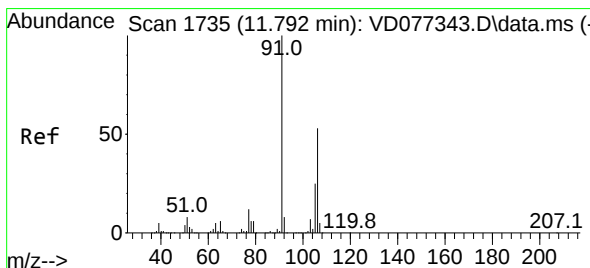
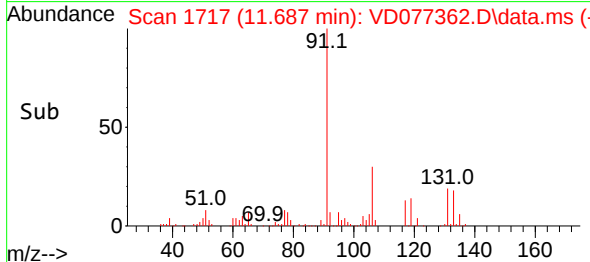
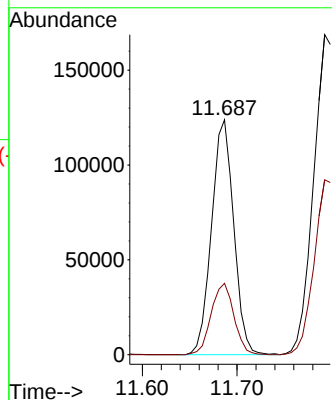
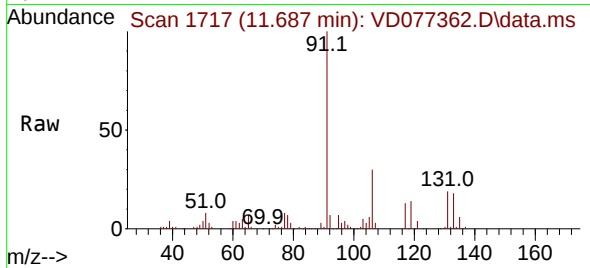
#67
Ethyl Benzene
Concen: 19.123 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 91 Resp: 201699
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7

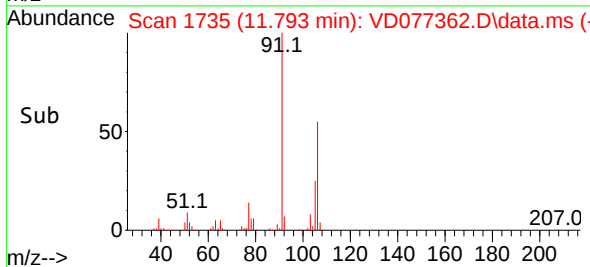
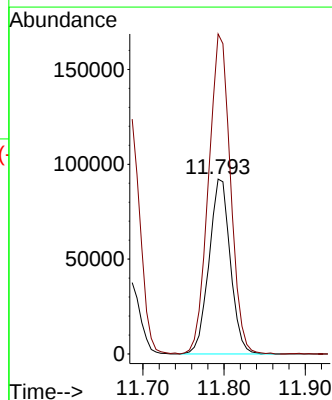
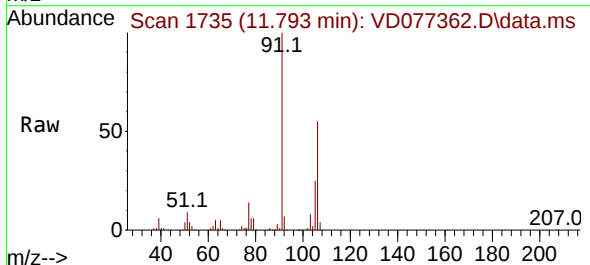
Manual Integrations
APPROVED

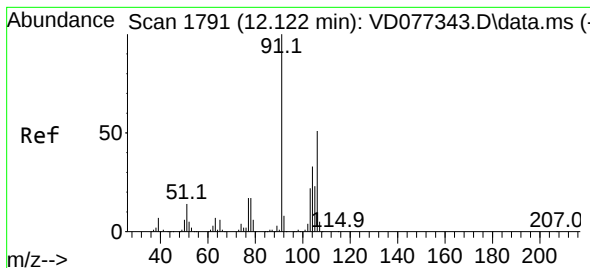
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#68
m/p-Xylenes
Concen: 38.732 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

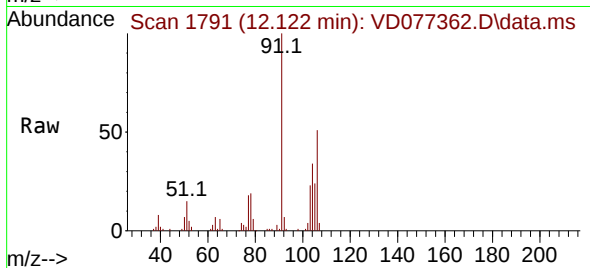
Tgt Ion:106 Resp: 167758
Ion Ratio Lower Upper
106 100
91 188.8 147.0 220.6





#69
o-Xylene
Concen: 18.550 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

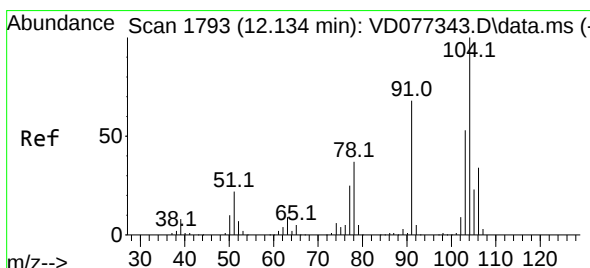
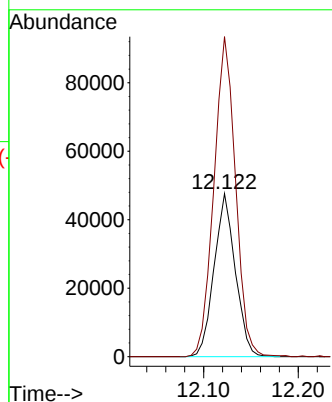
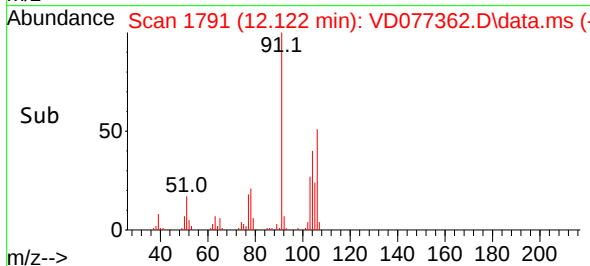
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion:106 Resp: 7396
Ion Ratio Lower Upper
106 100
91 200.5 97.9 293.6

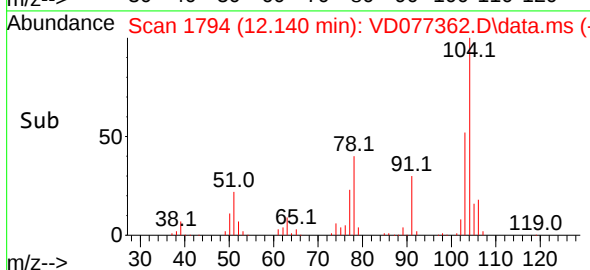
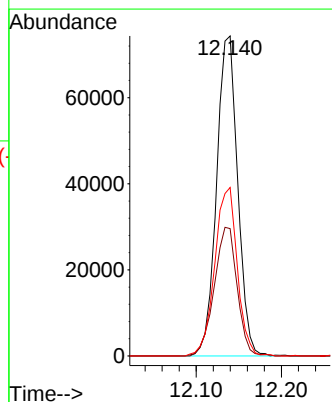
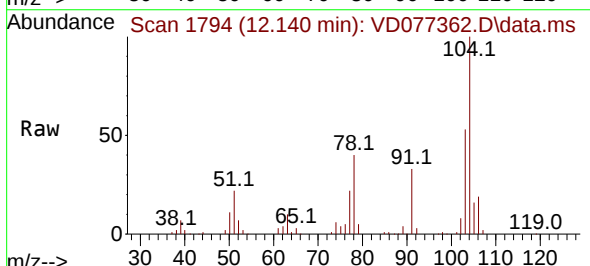
Manual Integrations
APPROVED

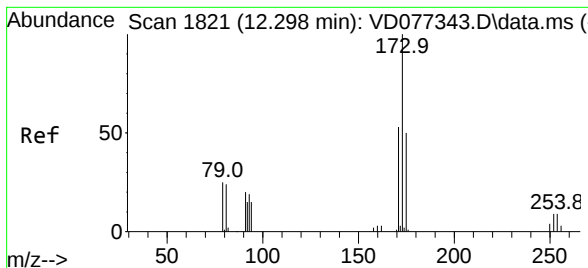
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#70
Styrene
Concen: 18.836 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

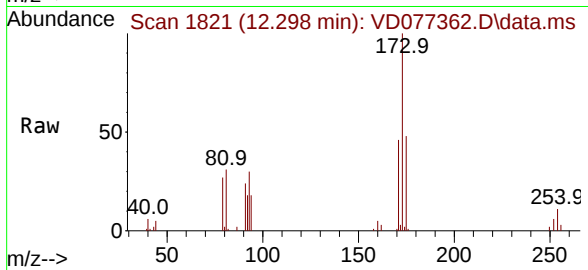
Tgt Ion:104 Resp: 128131
Ion Ratio Lower Upper
104 100
78 43.6 33.2 49.8
103 56.2 43.6 65.4





#71
Bromoform
Concen: 17.870 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

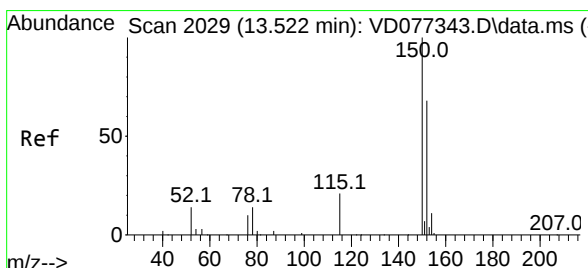
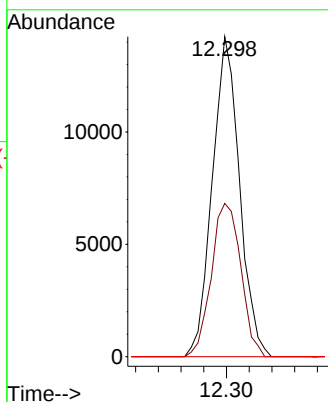
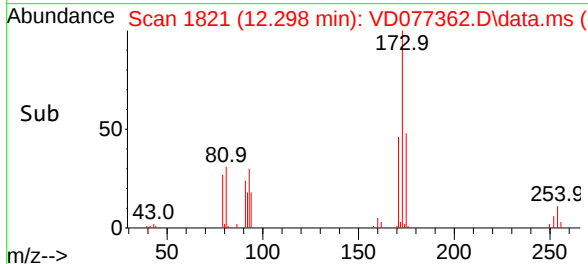
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



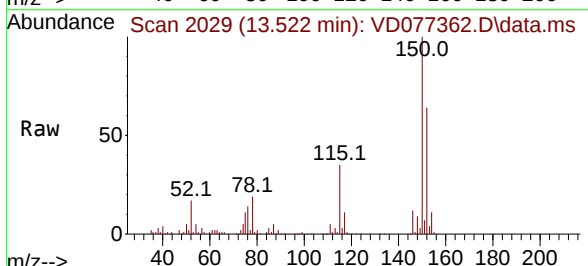
Tgt Ion:173 Resp: 2369
Ion Ratio Lower Upper
173 100
175 51.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

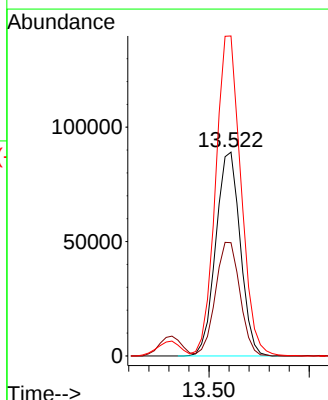
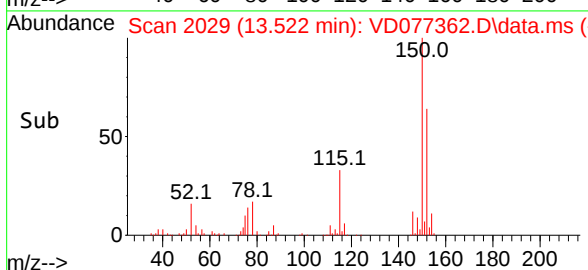
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

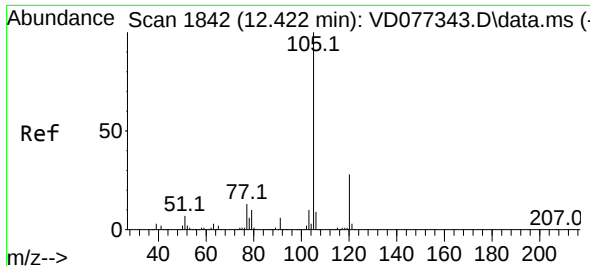


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



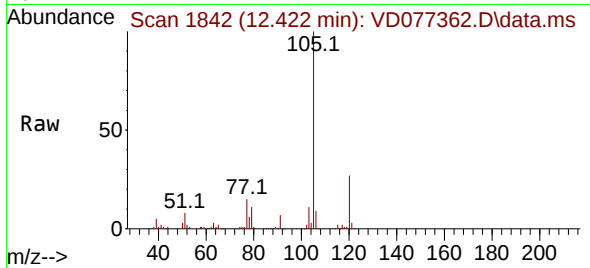
Tgt Ion:152 Resp: 150985
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 162.5 0.0 353.6





#73
Isopropylbenzene
Concen: 19.044 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

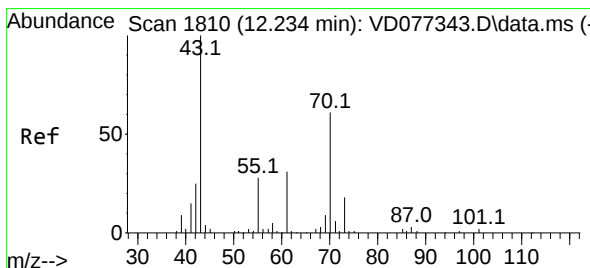
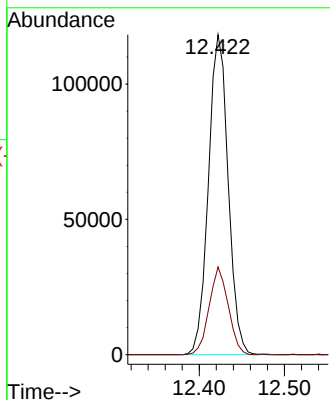
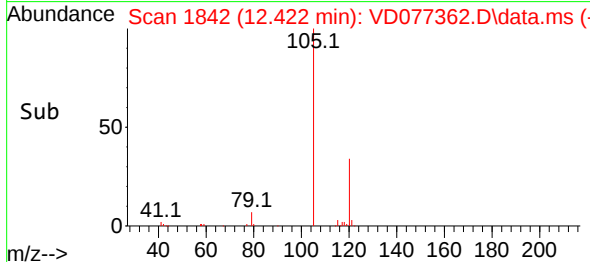
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



Tgt Ion:105 Resp: 190185
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

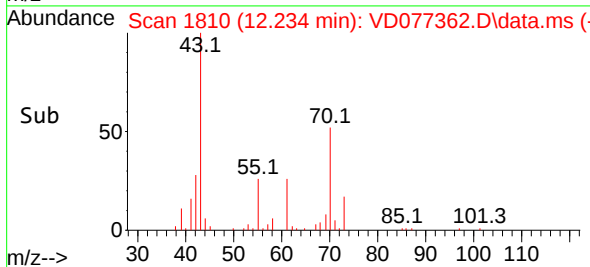
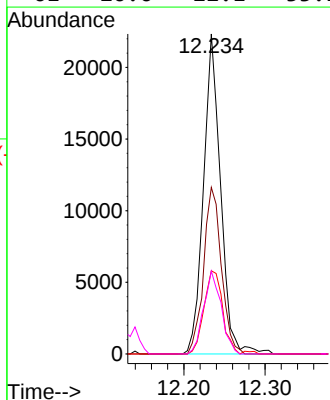
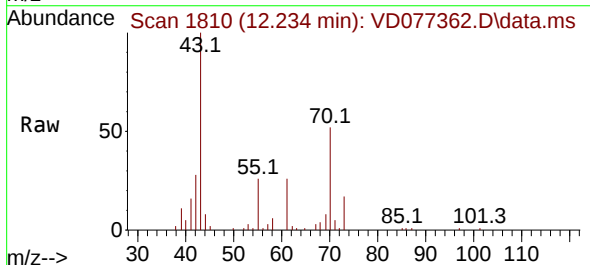
Manual Integrations
APPROVED

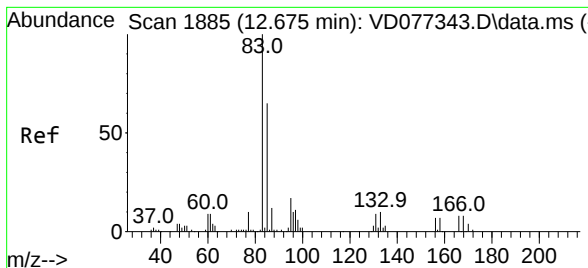
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#74
N-ethyl acetate
Concen: 22.745 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

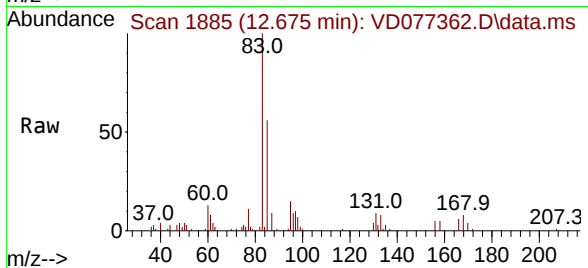
Tgt Ion: 43 Resp: 32678
Ion Ratio Lower Upper
43 100
70 53.9 45.0 67.4
55 28.2 23.8 35.6
61 26.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 22.495 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

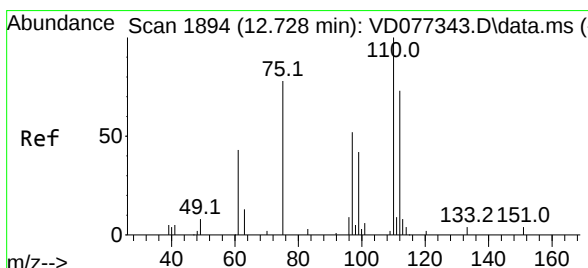
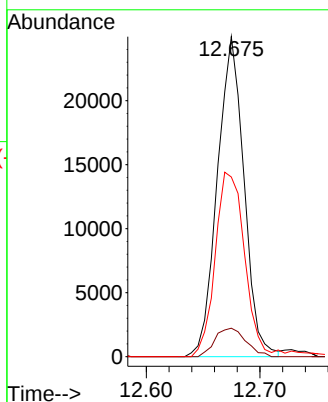
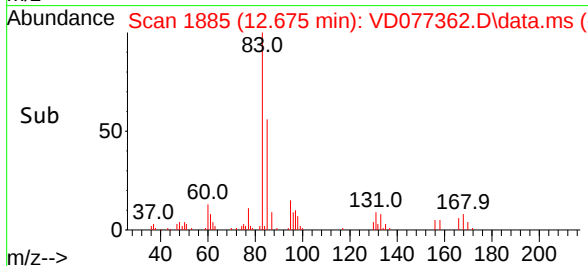
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



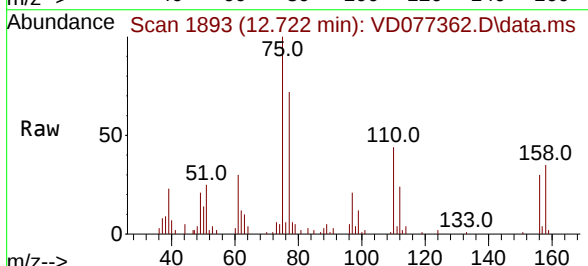
Tgt Ion: 83 Resp: 4082
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.3 32.6 97.8

Manual Integrations
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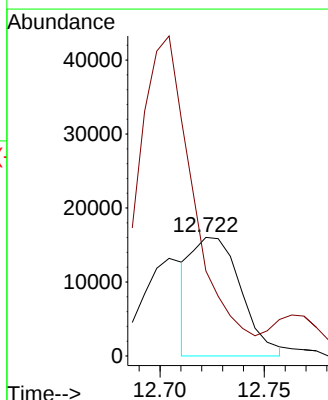
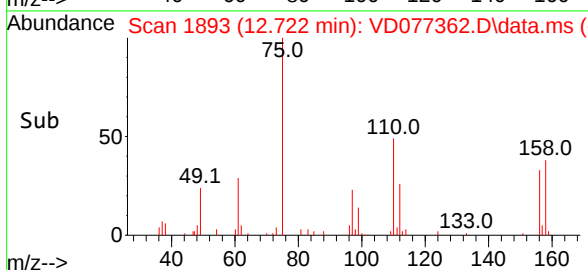
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

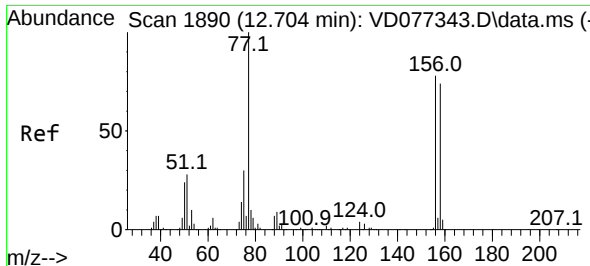


#76
1,2,3-Trichloropropane
Concen: 14.932 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



Tgt Ion: 75 Resp: 26440
Ion Ratio Lower Upper
75 100
77 309.0 0.0 0.0#





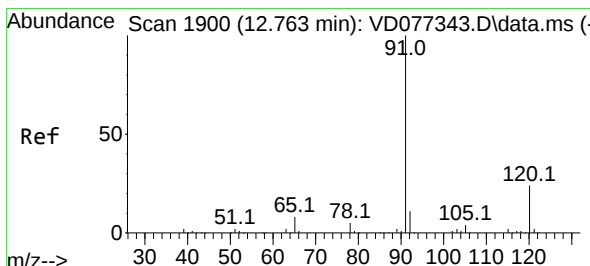
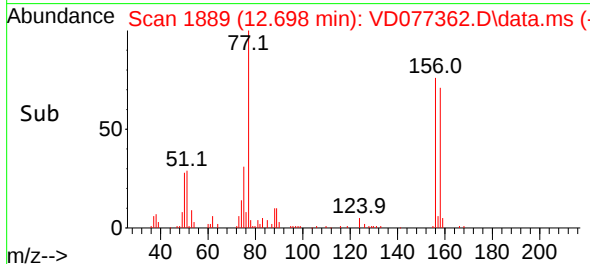
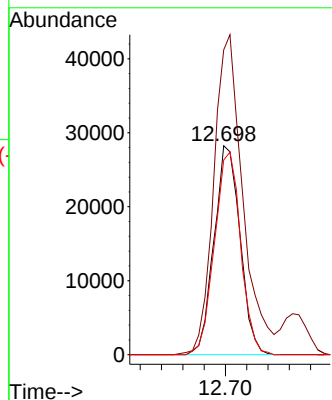
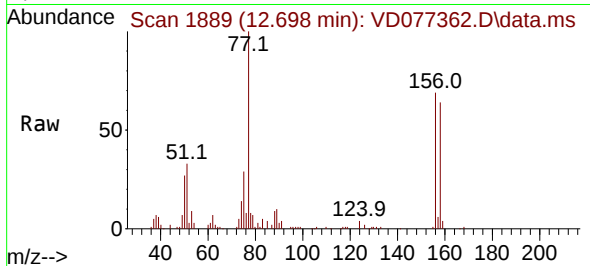
#77
Bromobenzene
Concen: 18.256 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion:156 Resp: 47860
Ion Ratio Lower Upper
156 100
77 170.7 76.8 230.4
158 97.5 48.6 145.9

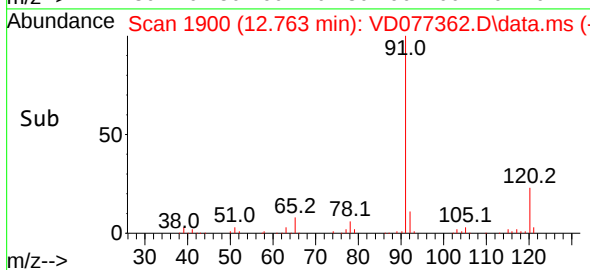
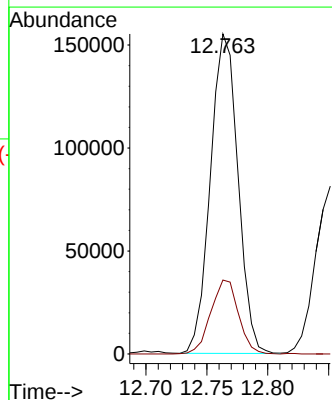
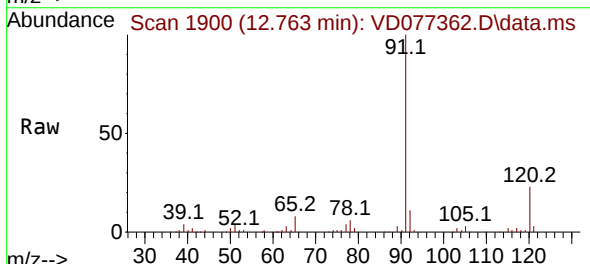
Manual Integrations
APPROVED

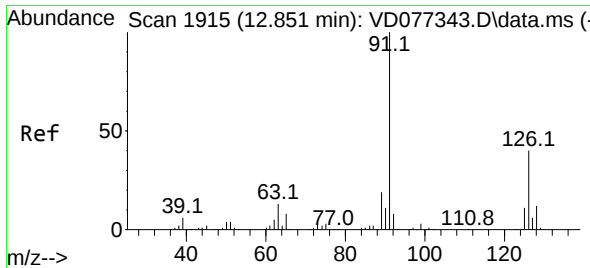
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#78
n-propylbenzene
Concen: 20.320 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 91 Resp: 244396
Ion Ratio Lower Upper
91 100
120 23.2 12.4 37.2





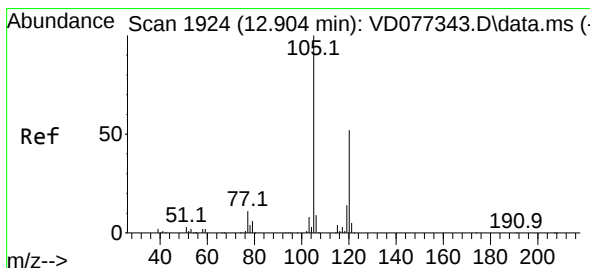
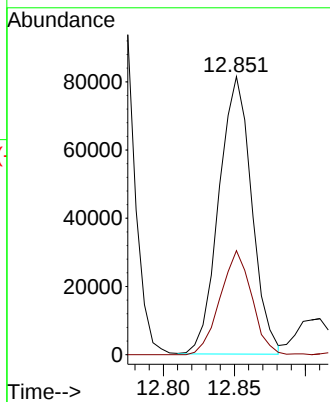
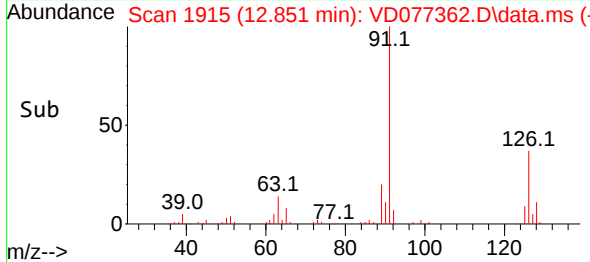
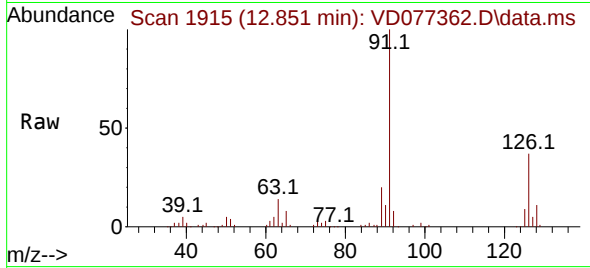
#79
2-Chlorotoluene
Concen: 19.981 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 91 Resp: 13089
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1

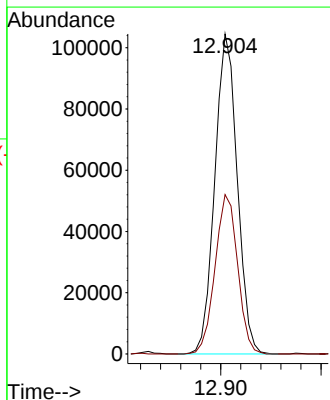
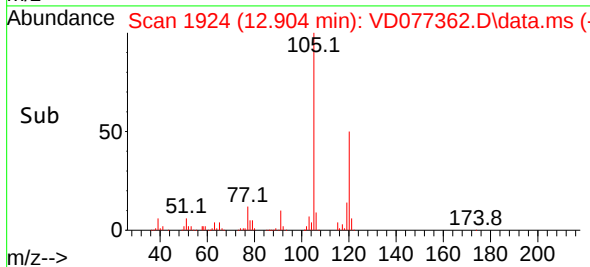
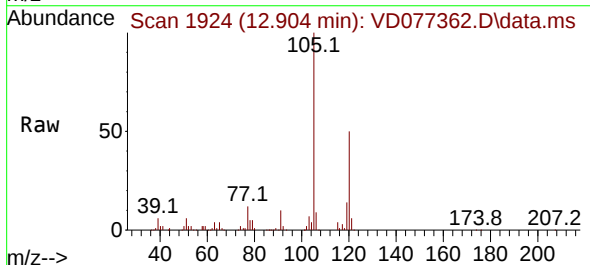
Manual Integrations
APPROVED

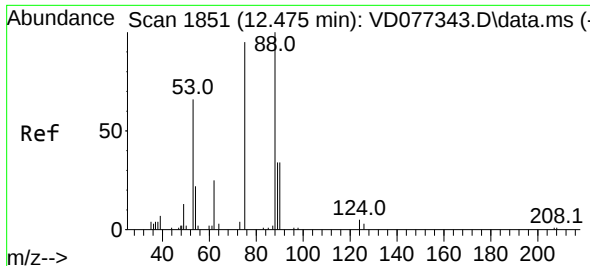
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.656 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

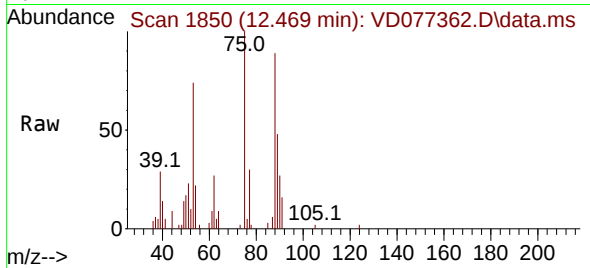
Tgt Ion:105 Resp: 161993
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 23.181 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

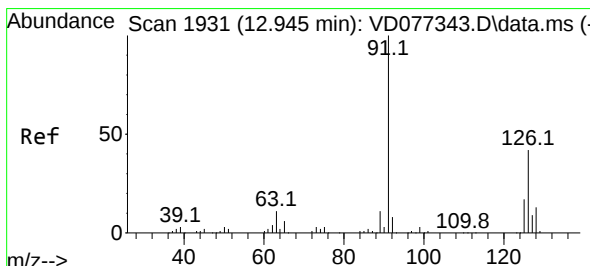
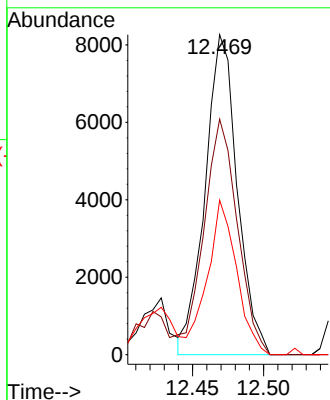
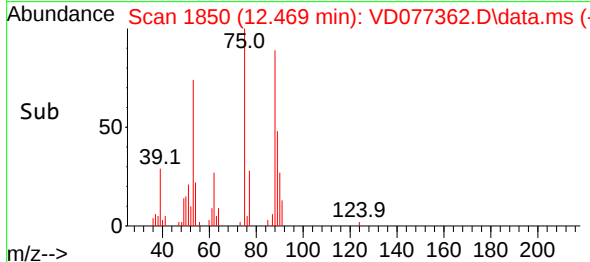
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



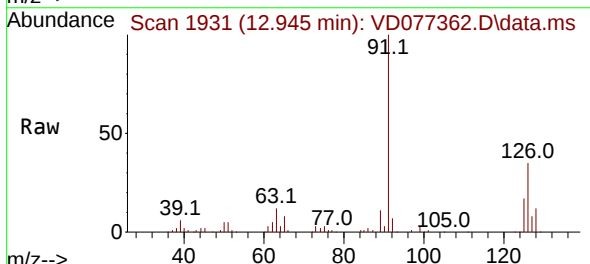
Tgt Ion: 75 Resp: 13062
Ion Ratio Lower Upper
75 100
53 77.6 63.0 94.4
89 43.5 37.9 56.9

Manual Integrations
APPROVED

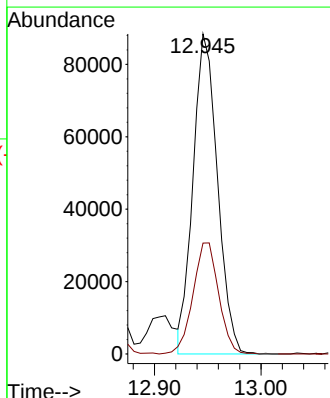
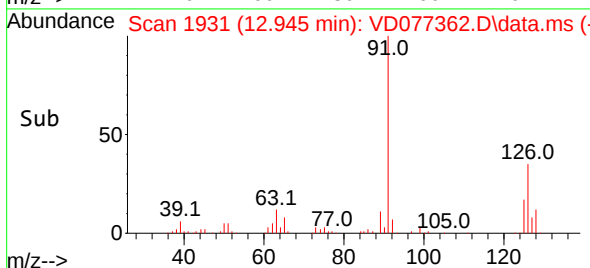
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

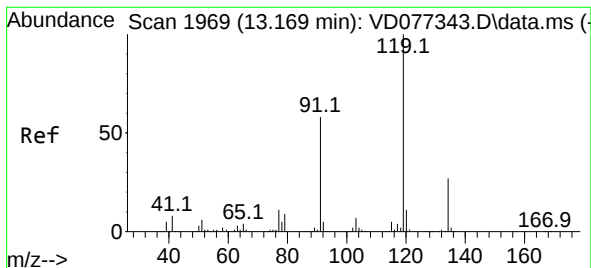


#82
4-Chlorotoluene
Concen: 20.652 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



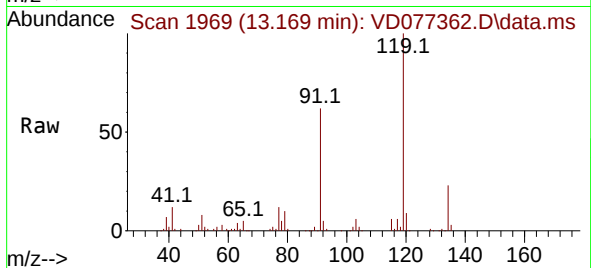
Tgt Ion: 91 Resp: 140858
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4





#83
tert-Butylbenzene
Concen: 18.334 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

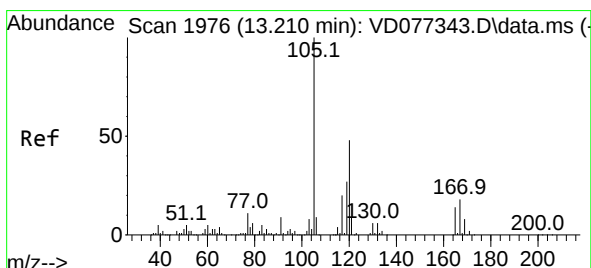
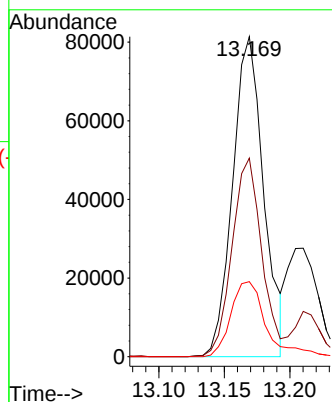
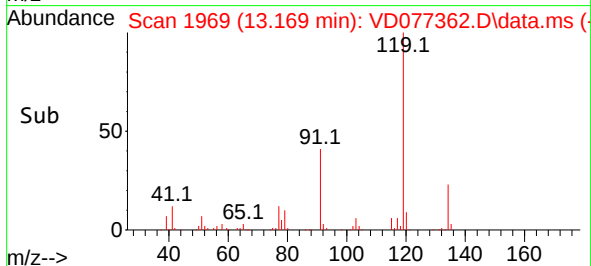
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



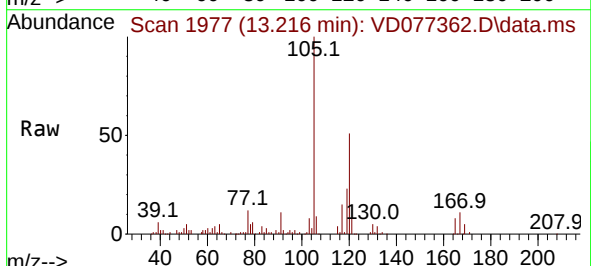
Tgt Ion:119 Resp: 133958
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 26.6 14.1 42.3

Manual Integrations
APPROVED

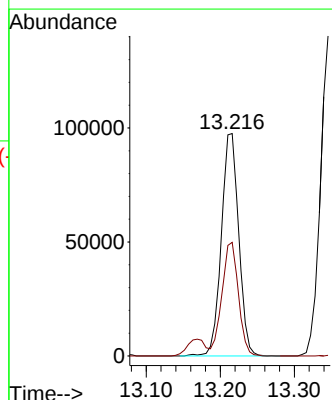
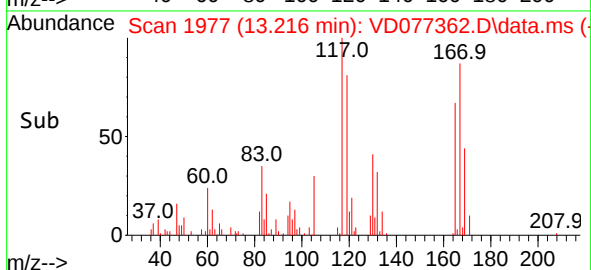
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

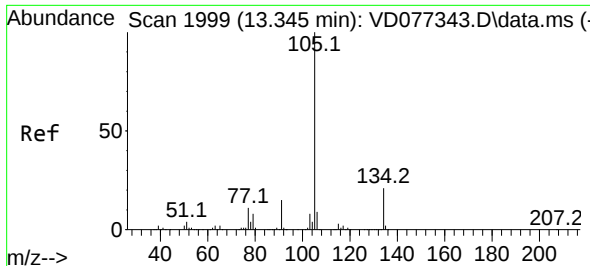


#84
1,2,4-Trimethylbenzene
Concen: 19.118 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



Tgt Ion:105 Resp: 158632
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





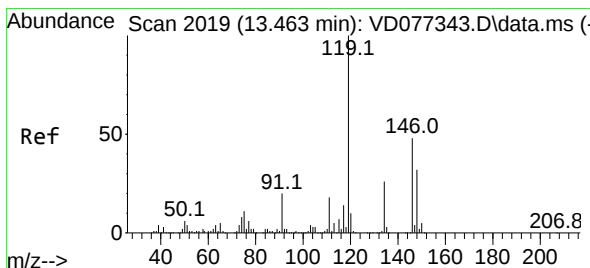
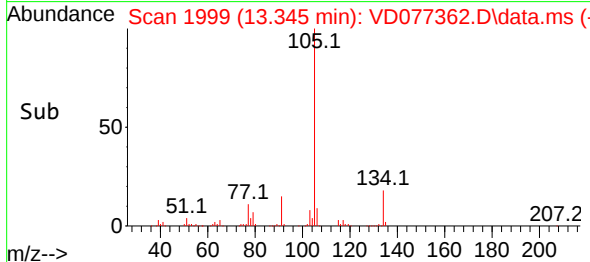
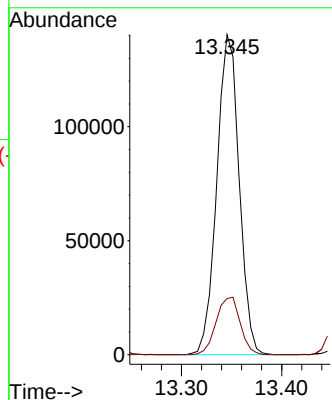
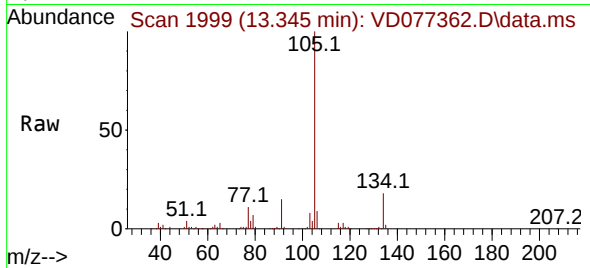
#85
 sec-Butylbenzene
 Concen: 19.743 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077362.D
 Acq: 20 Oct 2023 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBSD01

Tgt Ion:105 Resp: 217073
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

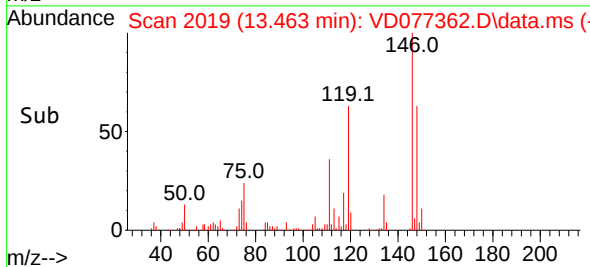
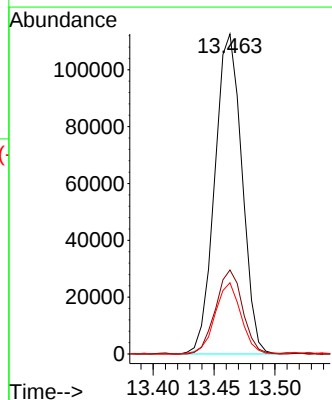
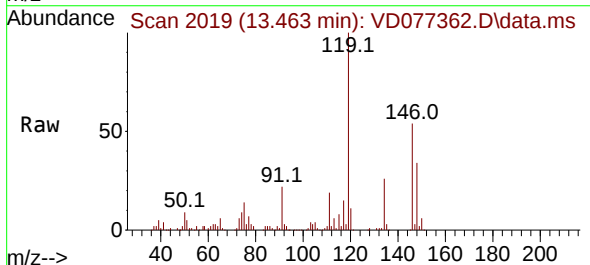
Manual Integrations
 APPROVED

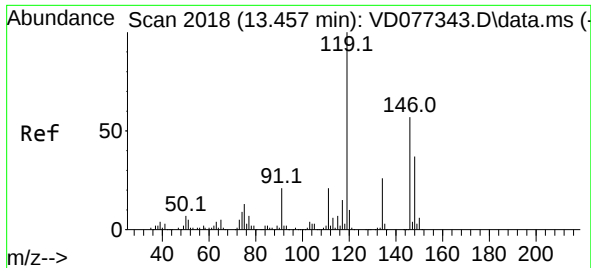
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#86
 p-Isopropyltoluene
 Concen: 18.320 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077362.D
 Acq: 20 Oct 2023 13:02

Tgt Ion:119 Resp: 174993
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.2 10.5 31.5





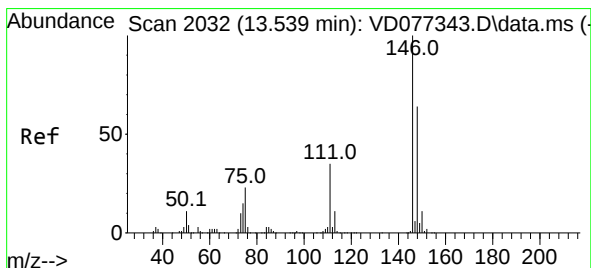
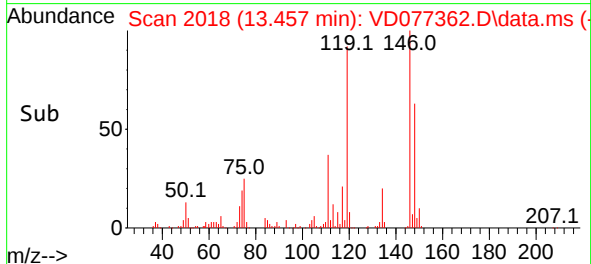
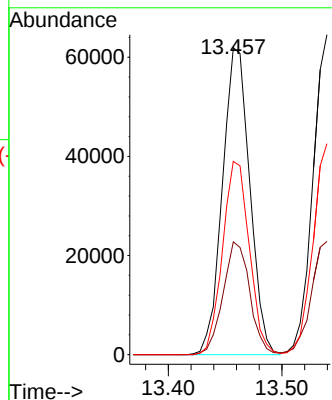
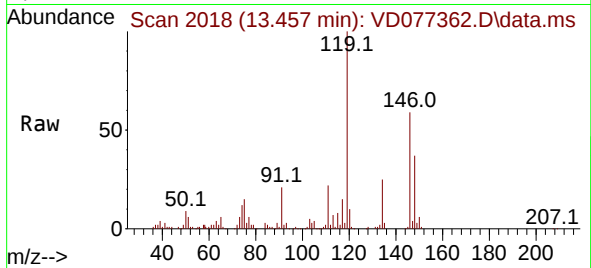
#87
1,3-Dichlorobenzene
Concen: 18.791 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion:146 Resp: 103680
Ion Ratio Lower Upper
146 100
111 36.0 17.9 53.8
148 61.7 32.3 96.8

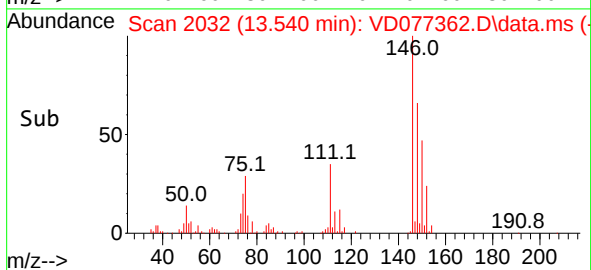
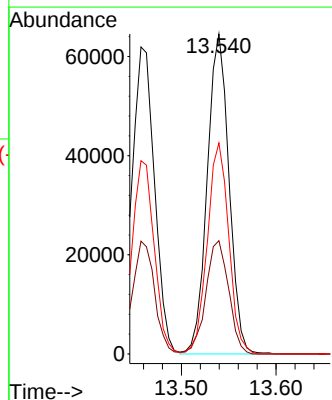
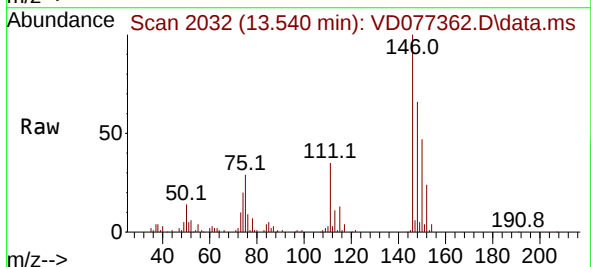
Manual Integrations
APPROVED

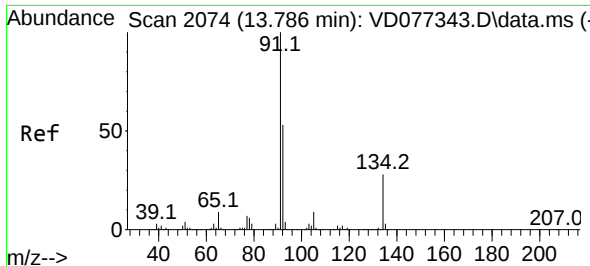
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#88
1,4-Dichlorobenzene
Concen: 18.861 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion:146 Resp: 103129
Ion Ratio Lower Upper
146 100
111 37.0 17.4 52.3
148 65.1 31.7 95.1





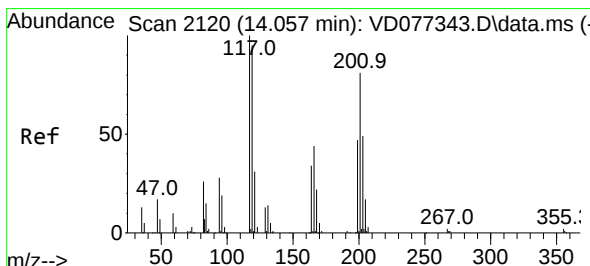
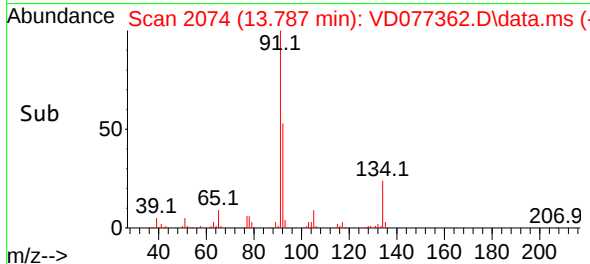
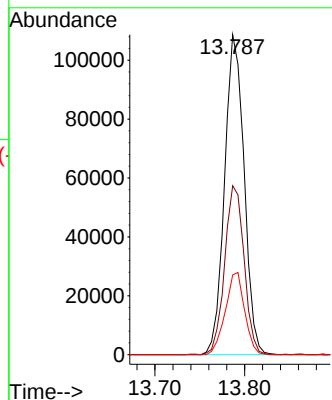
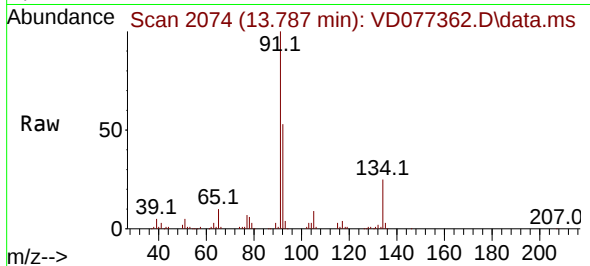
#89
n-Butylbenzene
Concen: 19.767 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion: 91 Resp: 16441
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 25.4 13.8 41.3

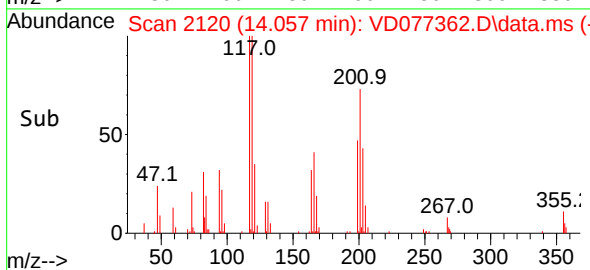
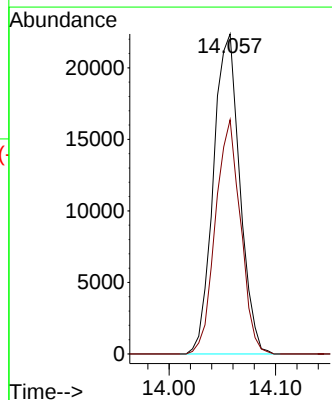
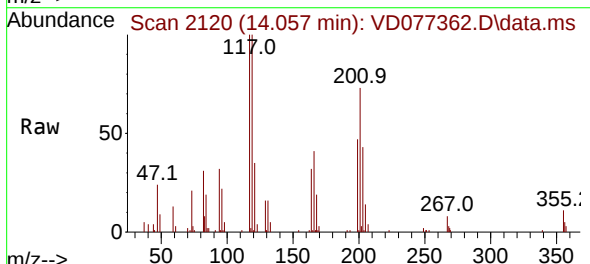
Manual Integrations
APPROVED

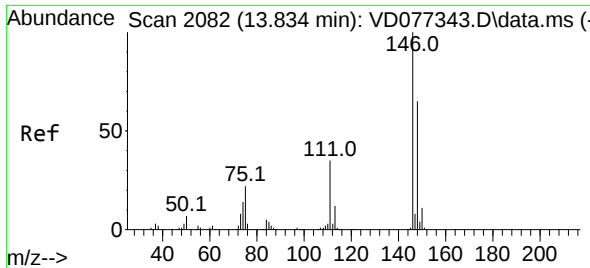
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#90
Hexachloroethane
Concen: 19.945 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion:117 Resp: 38510
Ion Ratio Lower Upper
117 100
201 69.6 38.5 115.5





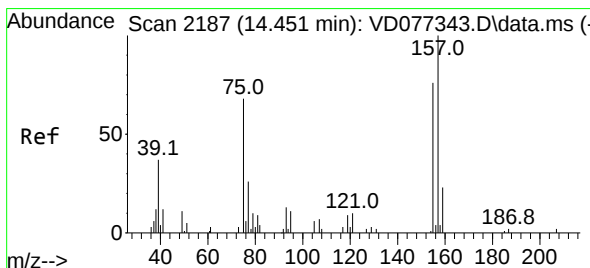
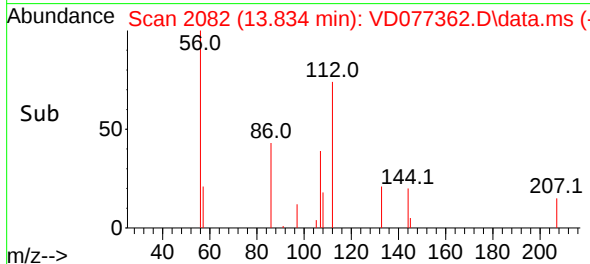
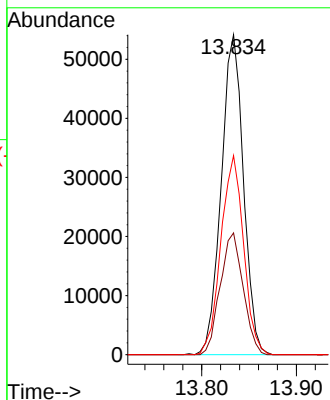
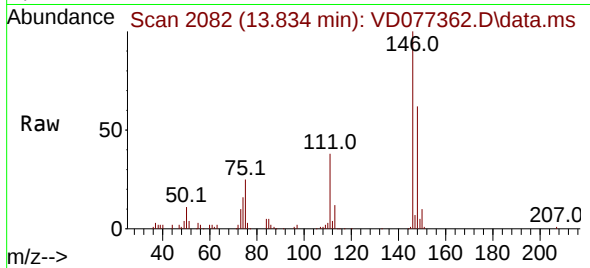
#91
1,2-Dichlorobenzene
Concen: 18.981 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Tgt Ion:146 Resp: 88472
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 63.6 31.6 94.7

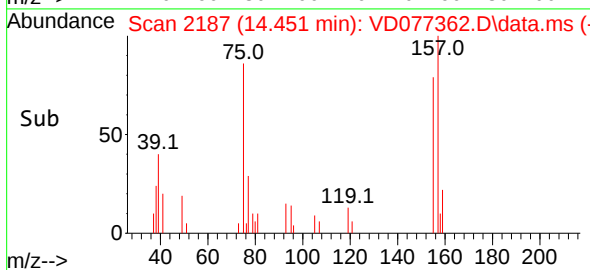
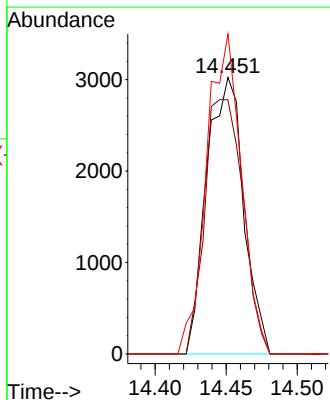
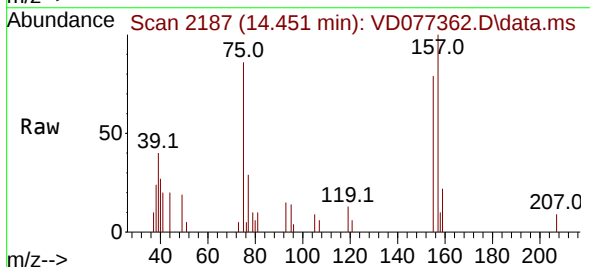
Manual Integrations
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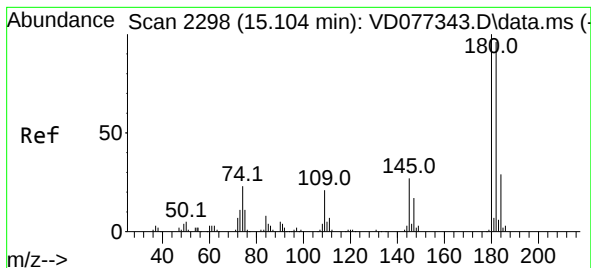
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.644 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

Tgt Ion: 75 Resp: 5474
Ion Ratio Lower Upper
75 100
155 95.5 47.9 143.8
157 108.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 16.673 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBSD01

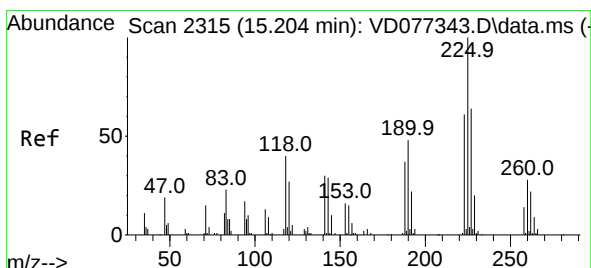
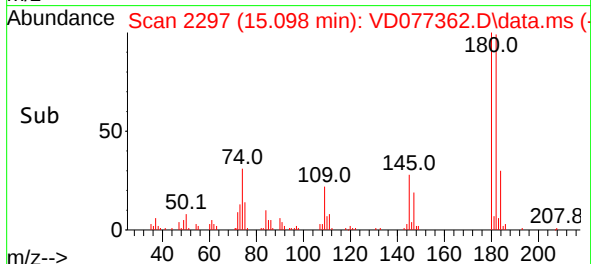
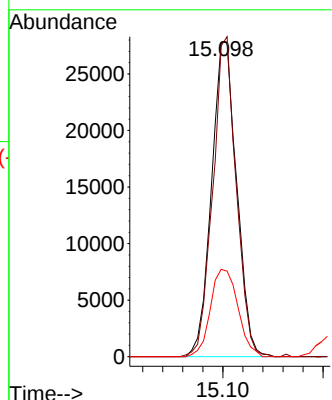
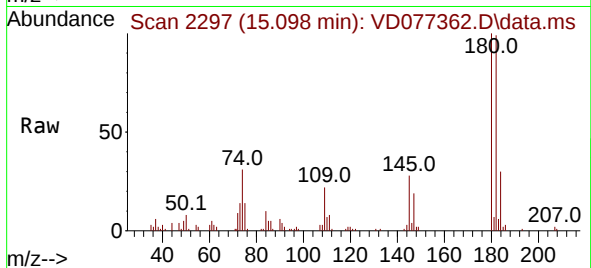
Tgt Ion:180	Resp:	48419
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.5 145.6
145	30.4	14.2 42.6

Manual Integrations

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Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#94

Hexachlorobutadiene

Concen: 16.165 ug/l

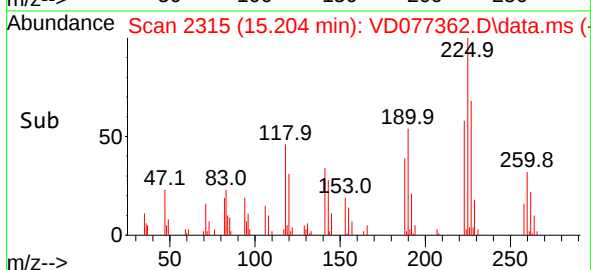
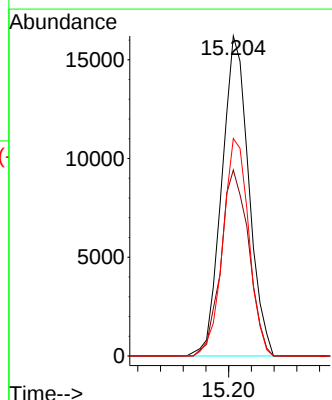
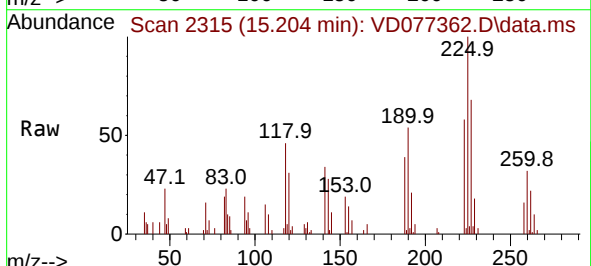
RT: 15.204 min Scan# 2315

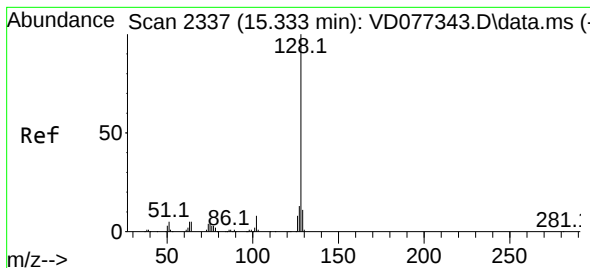
Delta R.T. 0.000 min

Lab File: VD077362.D

Acq: 20 Oct 2023 13:02

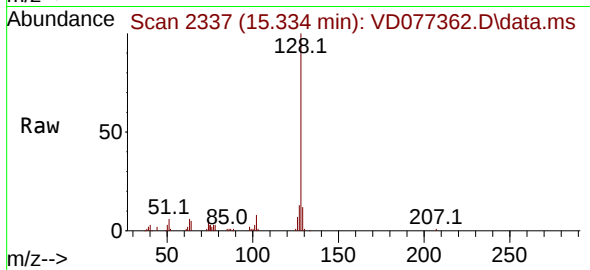
Tgt Ion:225	Resp:	26662
Ion Ratio	Lower	Upper
225	100	
223	60.1	31.6 94.8
227	65.1	31.7 95.1





#95
Naphthalene
Concen: 16.967 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02

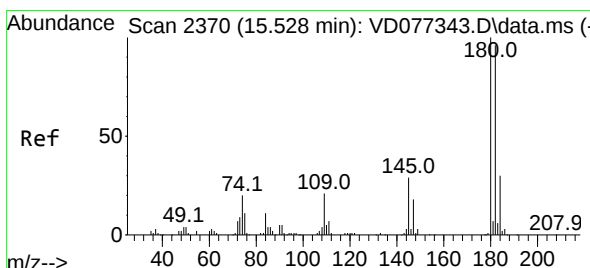
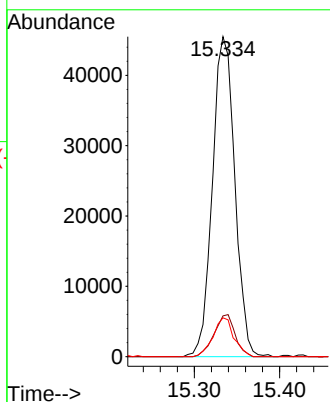
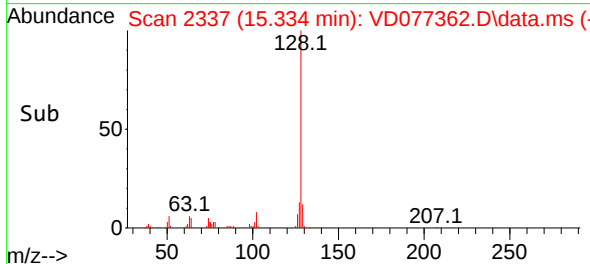
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



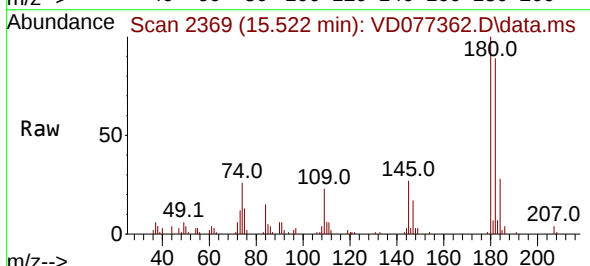
Tgt Ion:128 Resp: 83194
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 12.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.366 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077362.D
Acq: 20 Oct 2023 13:02



Tgt Ion:180 Resp: 43774
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 30.5 15.1 45.3

