

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077361.D
 Acq On : 20 Oct 2023 12:19
 Operator : JC/SY
 Sample : VD1020SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 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 05:27:25 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	172858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	297624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	146819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80301	52.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	104.040%		
35) Dibromofluoromethane	7.805	113	97366	46.566	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.140%		
50) Toluene-d8	10.269	98	358362	47.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.575	95	101722	47.190	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35884	22.329	ug/l	92
3) Chloromethane	2.152	50	63118	19.287	ug/l	96
4) Vinyl Chloride	2.287	62	93699	24.239	ug/l	100
5) Bromomethane	2.687	94	65052	26.187	ug/l	99
6) Chloroethane	2.834	64	68014	25.028	ug/l	97
7) Trichlorofluoromethane	3.175	101	101694	25.933	ug/l	88
8) Diethyl Ether	3.599	74	18220	17.335	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	42008	20.706	ug/l	97
10) Methyl Iodide	4.164	142	37643	15.164	ug/l #	88
11) Tert butyl alcohol	5.052	59	8565	98.643	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	37145	18.663	ug/l	94
13) Acrolein	3.799	56	14786	98.099	ug/l	98
14) Allyl chloride	4.564	41	40333	21.358	ug/l	96
15) Acrylonitrile	5.258	53	37817	118.732	ug/l	99
16) Acetone	4.017	43	35353	104.448	ug/l #	84
17) Carbon Disulfide	4.269	76	120956	20.674	ug/l	99
18) Methyl Acetate	4.558	43	26246	22.280	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	70703	20.857	ug/l #	91
20) Methylene Chloride	4.799	84	67437	31.117	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	44463	21.479	ug/l	98
22) Diisopropyl ether	6.211	45	94985	25.623	ug/l	93
23) Vinyl Acetate	6.158	43	213990	123.179	ug/l	98
24) 1,1-Dichloroethane	6.116	63	74286	24.102	ug/l	100
25) 2-Butanone	7.081	43	41412	117.946	ug/l	97
26) 2,2-Dichloropropane	7.075	77	62954	22.401	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	47924	20.647	ug/l	98
28) Bromochloromethane	7.434	49	27471	24.400	ug/l	90
29) Tetrahydrofuran	7.446	42	24032	118.654	ug/l	99
30) Chloroform	7.599	83	82911	23.446	ug/l	94
31) Cyclohexane	7.881	56	55727	23.205	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	68961	22.604	ug/l	99
36) 1,1-Dichloropropene	8.010	75	58355	21.240	ug/l	99
37) Ethyl Acetate	7.169	43	18196	21.084	ug/l	98
38) Carbon Tetrachloride	7.993	117	62935	20.591	ug/l	96
39) Methylcyclohexane	9.275	83	63759	19.099	ug/l	97
40) Benzene	8.252	78	176378	21.154	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8375m	20.334	ug/l	
42) 1,2-Dichloroethane	8.328	62	43958	22.383	ug/l	98
43) Isopropyl Acetate	8.363	43	35619	22.926	ug/l #	81
44) Trichloroethene	9.034	130	48365	19.841	ug/l	97
45) 1,2-Dichloropropane	9.304	63	44325	23.062	ug/l	92
46) Dibromomethane	9.393	93	25121	20.907	ug/l	91
47) Bromodichloromethane	9.587	83	61650	21.517	ug/l	99
48) Methyl methacrylate	9.381	41	15460	21.996	ug/l	89
49) 1,4-Dioxane	9.387	88	4337	390.766	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	91341	117.281	ug/l	94
52) Toluene	10.334	92	113928	20.928	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	53419	20.771	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	67143	21.338	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	34495	20.727	ug/l	92
56) Ethyl methacrylate	10.599	69	32574	20.481	ug/l	98
57) 1,3-Dichloropropane	10.881	76	56413	22.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	86549	110.039	ug/l	98
59) 2-Hexanone	10.922	43	66303	118.533	ug/l	94
60) Dibromochloromethane	11.075	129	42408	19.956	ug/l	96
61) 1,2-Dibromoethane	11.181	107	31274	19.942	ug/l	96
64) Tetrachloroethene	10.810	164	39402	18.729	ug/l	92
65) Chlorobenzene	11.610	112	120455	19.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46108	19.660	ug/l	98
67) Ethyl Benzene	11.687	91	198134	19.373	ug/l	99
68) m/p-Xylenes	11.793	106	166642	39.680	ug/l	96
69) o-Xylene	12.122	106	72110	18.652	ug/l	95
70) Styrene	12.140	104	129549	19.640	ug/l	99
71) Bromoform	12.304	173	24289	18.893	ug/l #	98
73) Isopropylbenzene	12.422	105	187223	19.279	ug/l	98
74) N-amyl acetate	12.234	43	30829	22.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	39748	22.524	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	31397m	17.628	ug/l	
77) Bromobenzene	12.704	156	47407	18.594	ug/l	94
78) n-propylbenzene	12.763	91	242121	20.702	ug/l	97
79) 2-Chlorotoluene	12.851	91	129243	20.288	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	163108	20.353	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	11700	21.353	ug/l	97
82) 4-Chlorotoluene	12.951	91	140309	21.156	ug/l	99
83) tert-Butylbenzene	13.169	119	131587	18.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	160710	19.918	ug/l	98
85) sec-Butylbenzene	13.345	105	215874	20.191	ug/l	97
86) p-Isopropyltoluene	13.463	119	176909	19.046	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	101934	18.998	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	102113	19.205	ug/l	99
89) n-Butylbenzene	13.787	91	200470	24.787	ug/l	97
90) Hexachloroethane	14.057	117	39694	21.142	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	106917	23.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4840	22.408	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	47434	16.797	ug/l	99
94) Hexachlorobutadiene	15.204	225	26352	16.431	ug/l	98
95) Naphthalene	15.334	128	81555	17.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	41180	16.800	ug/l	99

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

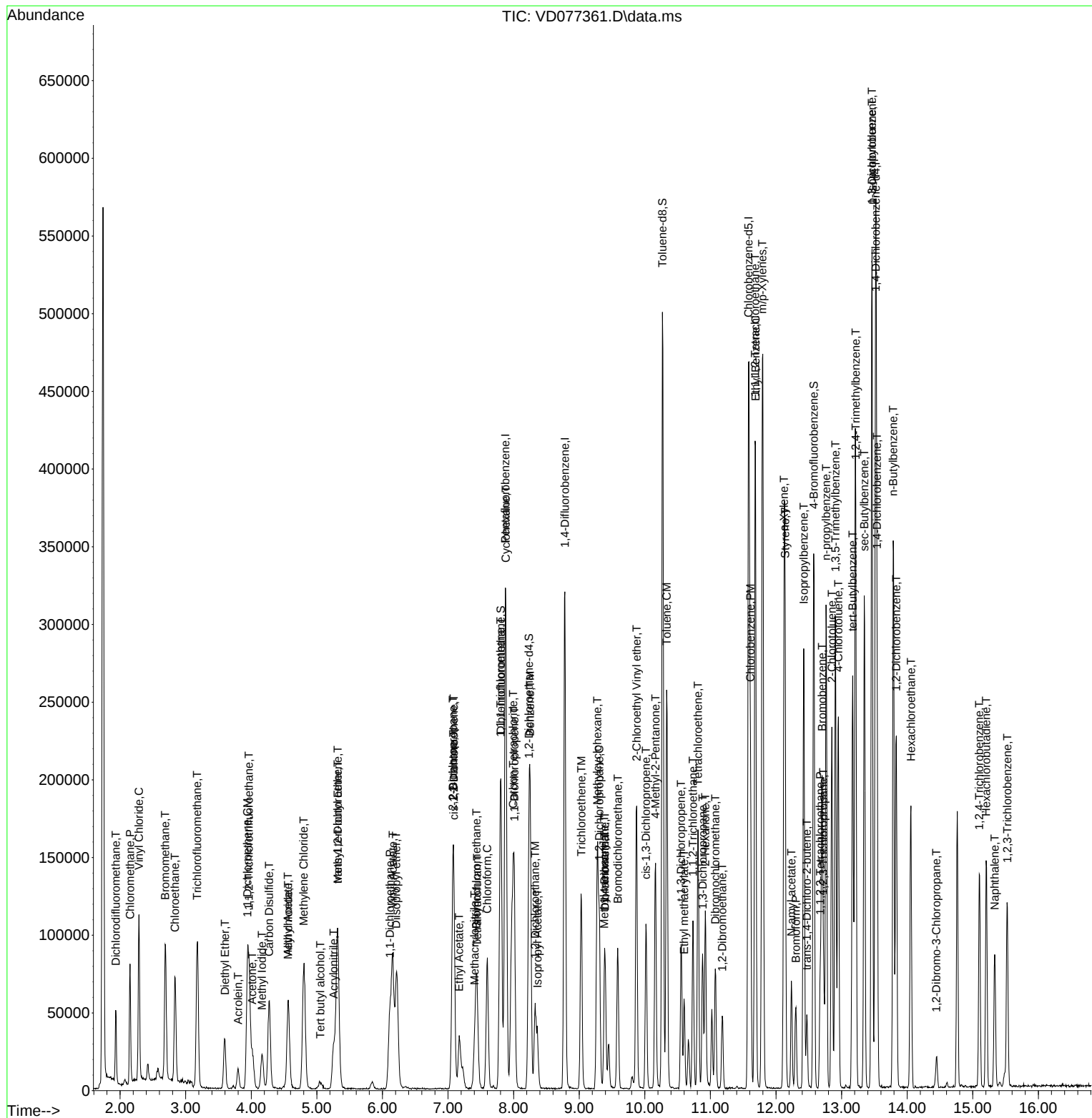
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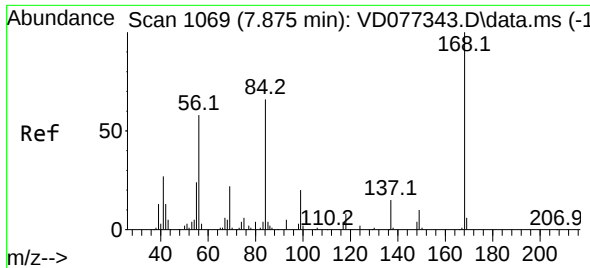
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Manual Integrations APPROVED

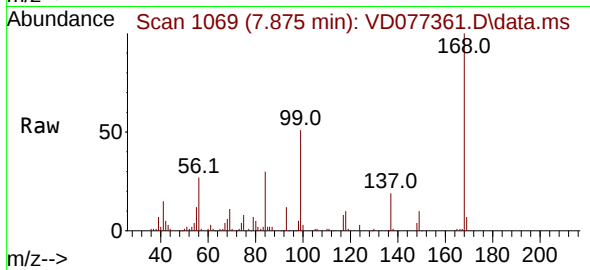
Reviewed By : John Carlone 10/23/2023
 Supervised By : Mahesh Dadoda 10/24/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

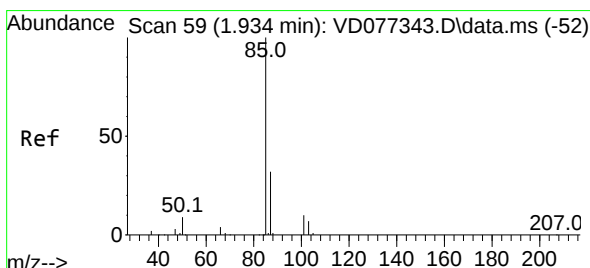
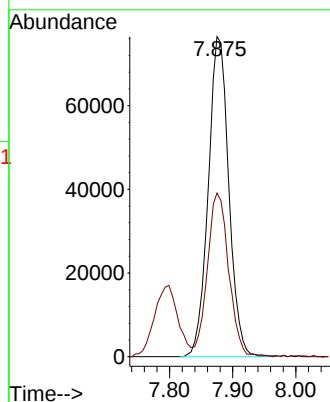
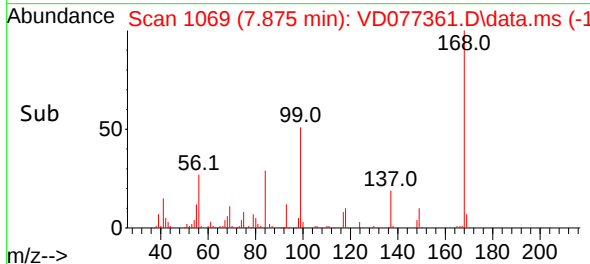
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion:168 Resp: 17285
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1

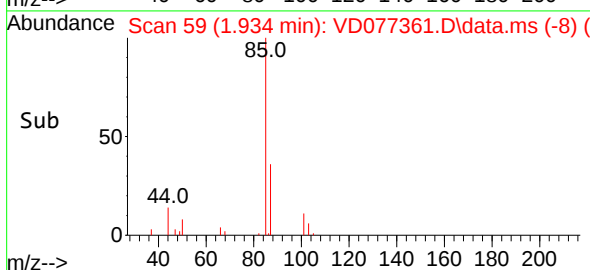
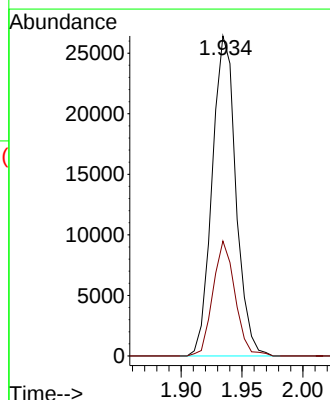
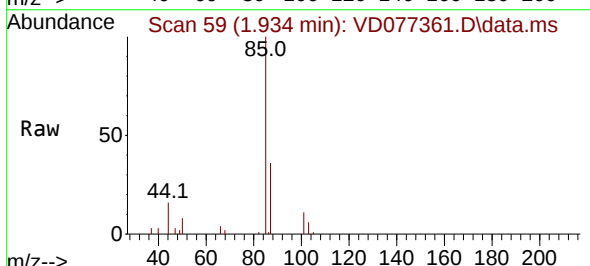
Manual Integrations
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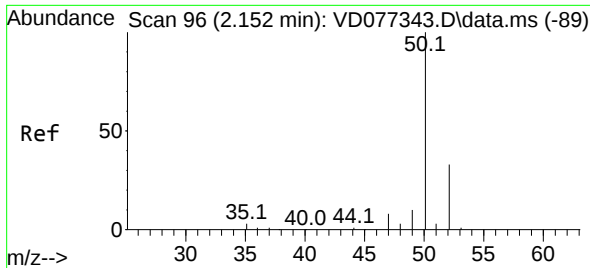
Reviewed By :John Carlone 10/23/2023
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#2
Dichlorodifluoromethane
Concen: 22.329 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

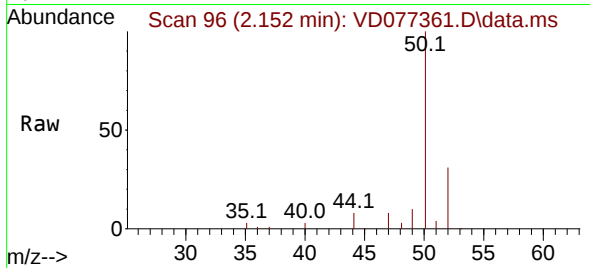
Tgt Ion: 85 Resp: 35884
Ion Ratio Lower Upper
85 100
87 35.9 15.7 47.0





#3
Chloromethane
Concen: 19.287 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

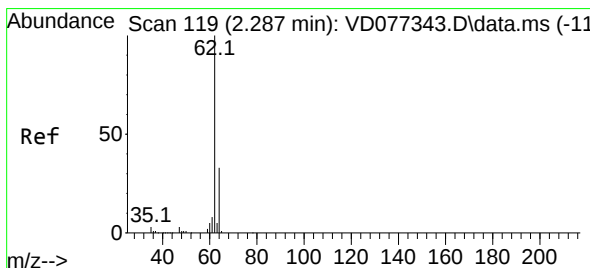
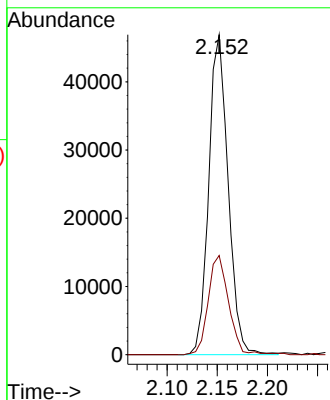
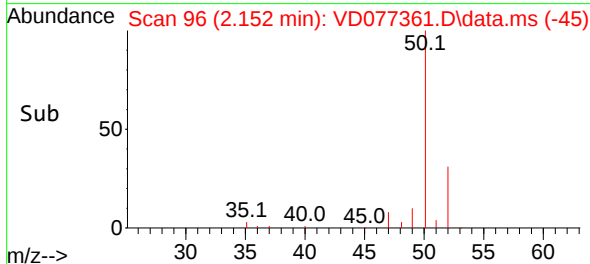
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 50 Resp: 63118
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0

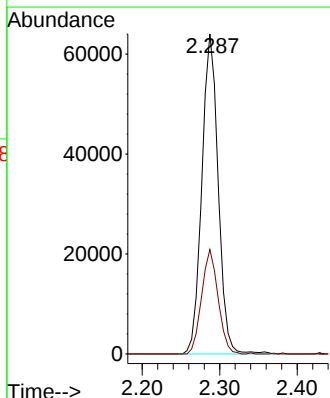
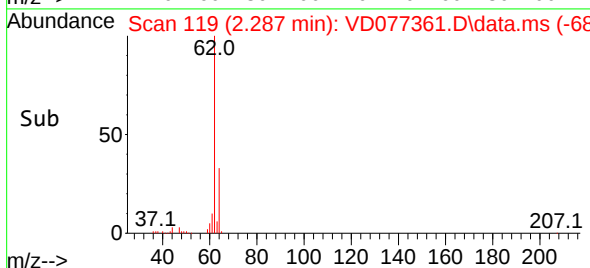
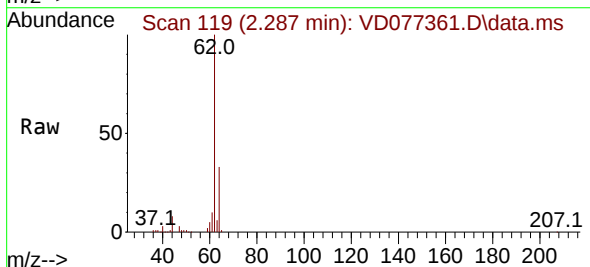
Manual Integrations
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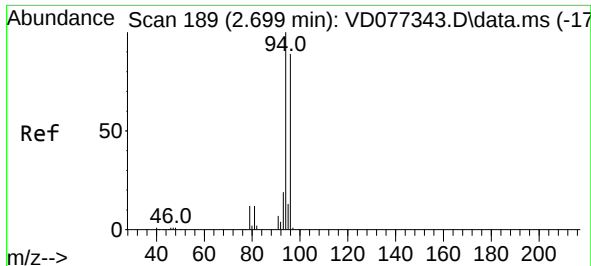
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#4
Vinyl Chloride
Concen: 24.239 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 62 Resp: 93699
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





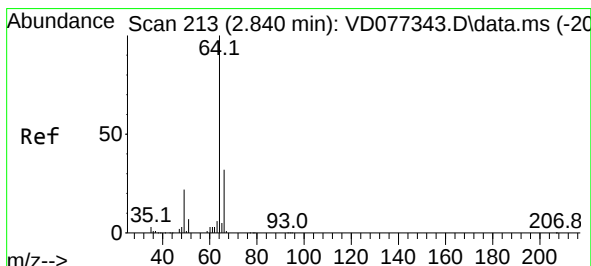
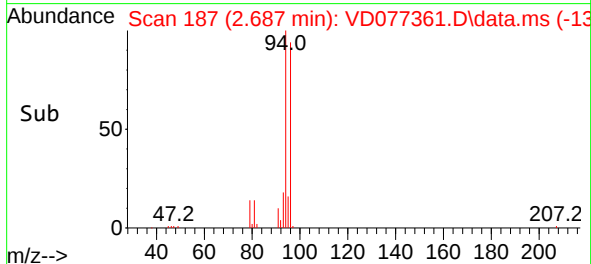
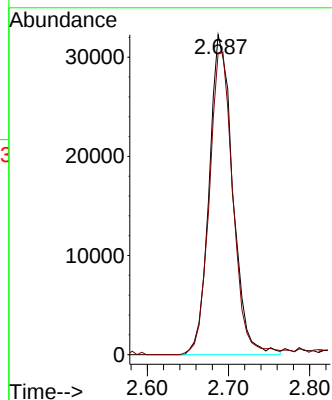
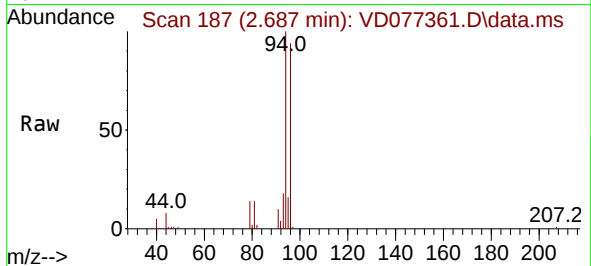
#5
Bromomethane
Concen: 26.187 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
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Tgt Ion: 94 Resp: 65052
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8

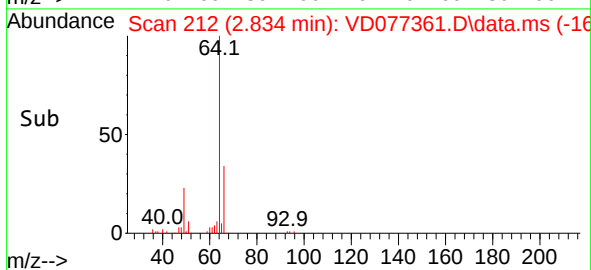
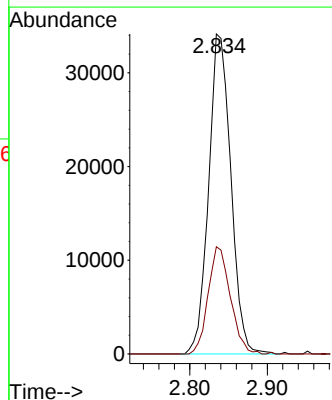
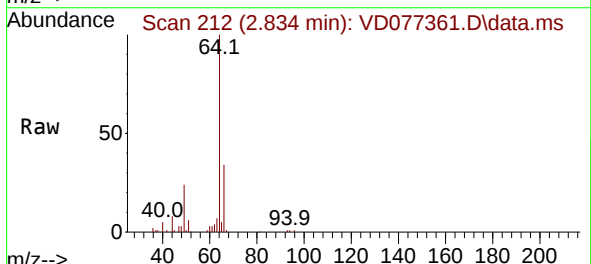
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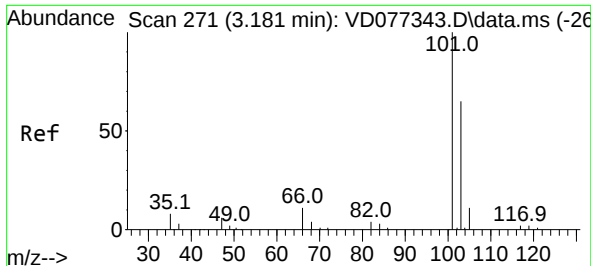
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#6
Chloroethane
Concen: 25.028 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 64 Resp: 68014
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3





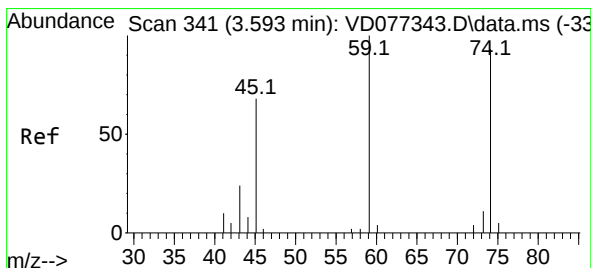
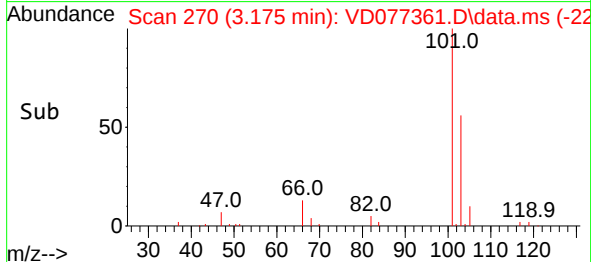
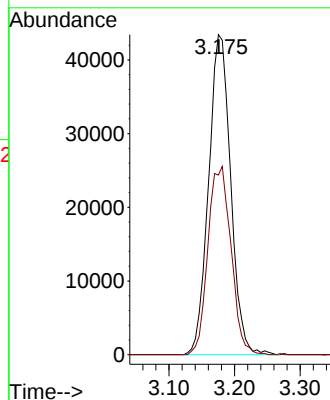
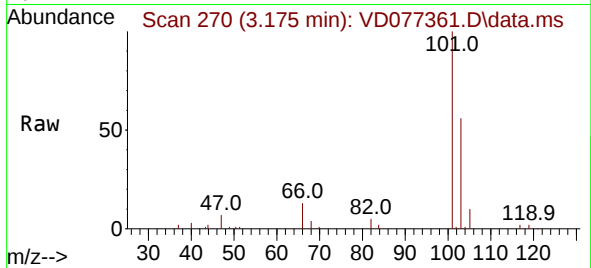
#7
Trichlorofluoromethane
Concen: 25.933 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
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Tgt Ion:101 Resp: 101694
Ion Ratio Lower Upper
101 100
103 56.1 52.3 78.5

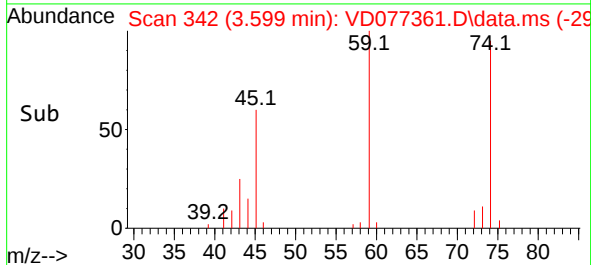
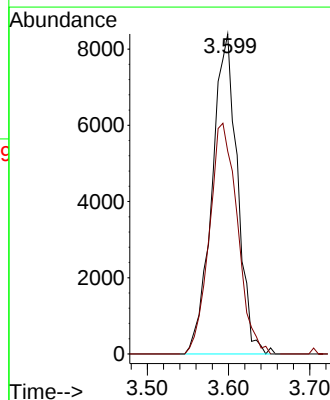
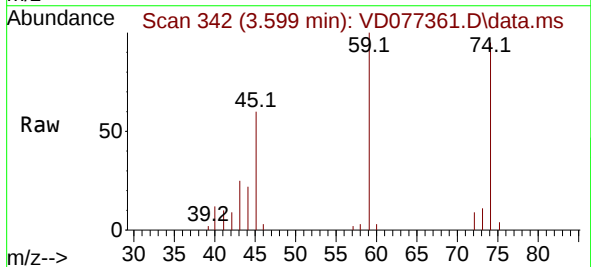
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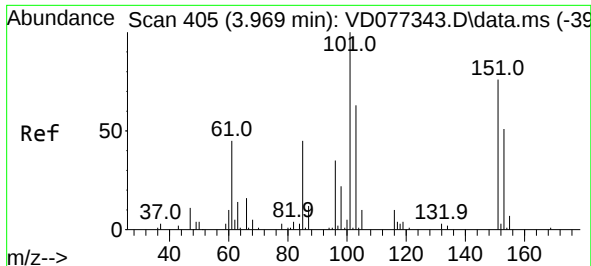
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#8
Diethyl Ether
Concen: 17.335 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 74 Resp: 18220
Ion Ratio Lower Upper
74 100
45 79.8 37.5 112.7





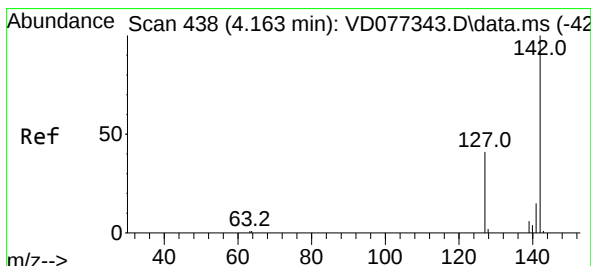
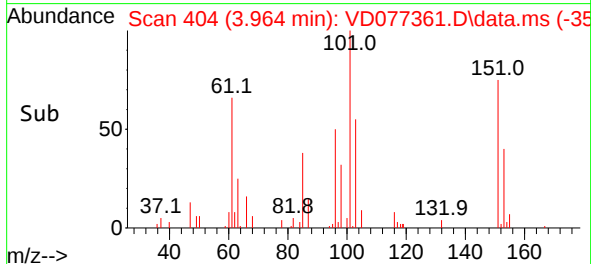
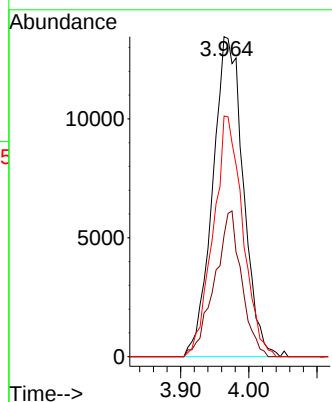
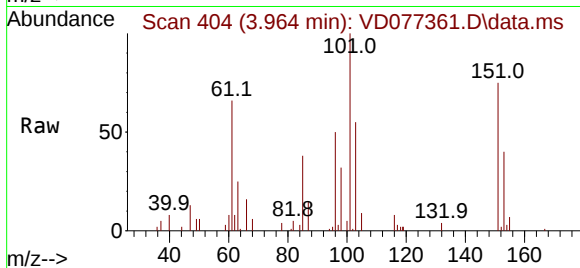
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.706 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:101 Resp: 42008
Ion Ratio Lower Upper
101 100
85 40.3 33.8 50.6
151 72.5 59.8 89.6

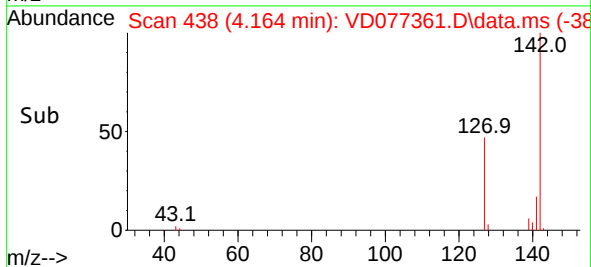
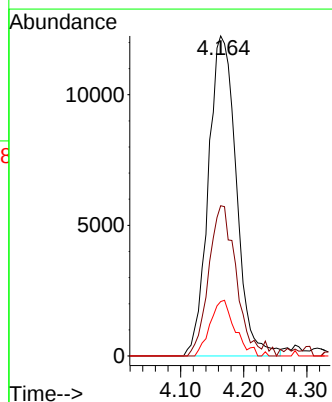
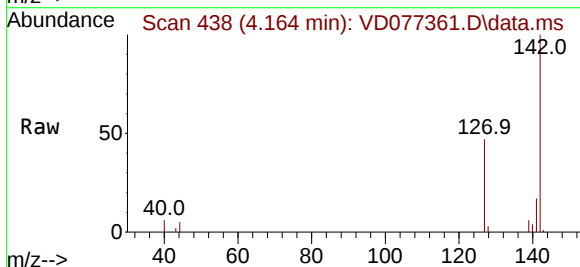
Manual Integrations
APPROVED

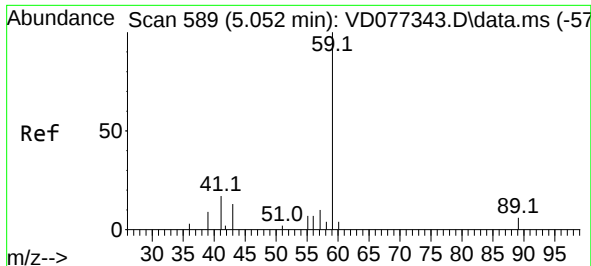
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#10
Methyl Iodide
Concen: 15.164 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

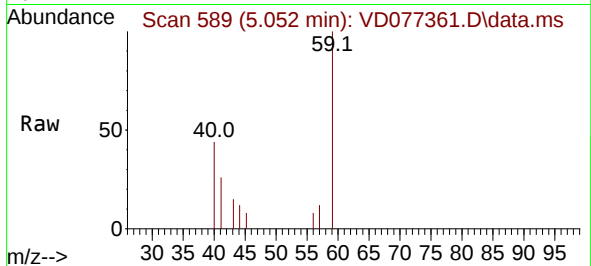
Tgt Ion:142 Resp: 37643
Ion Ratio Lower Upper
142 100
127 45.7 29.4 44.0#
141 15.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 98.643 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

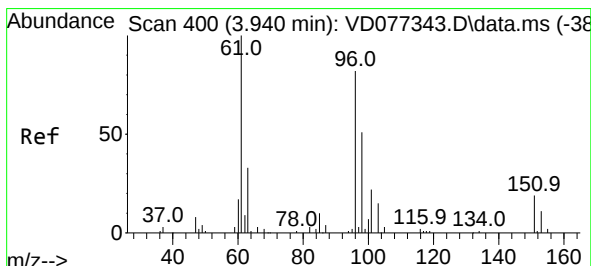
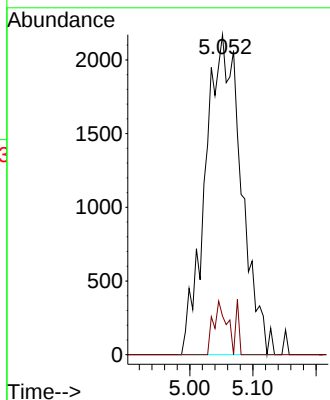
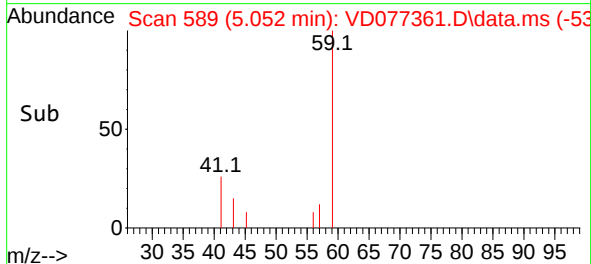
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



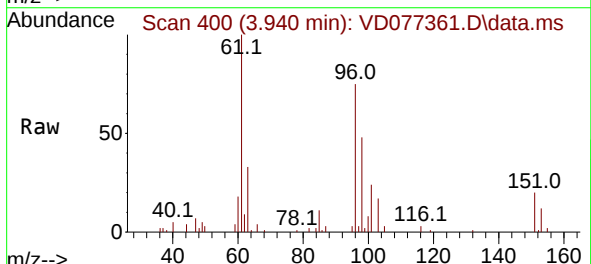
Tgt Ion: 59 Resp: 856
Ion Ratio Lower Upper
59 100
57 6.2 7.8 11.8

Manual Integrations
APPROVED

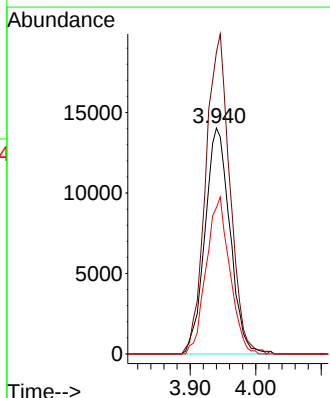
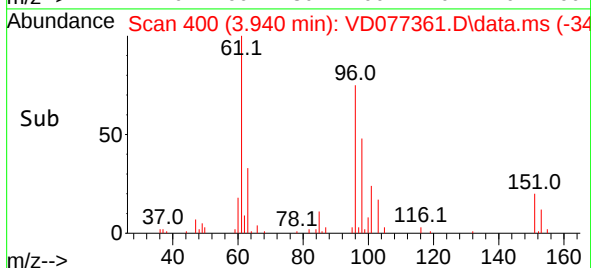
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

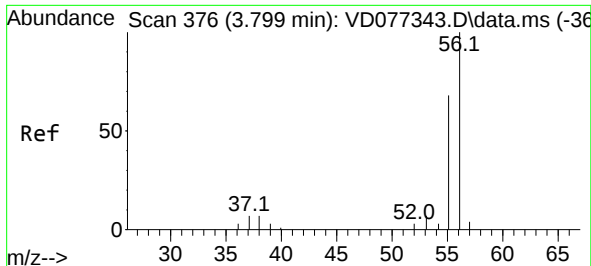


#12
1,1-Dichloroethene
Concen: 18.663 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



Tgt Ion: 96 Resp: 37145
Ion Ratio Lower Upper
96 100
61 133.6 100.6 150.8
98 64.8 50.2 75.2





#13

Acrolein

Concen: 98.099 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 56 Resp: 14780

Ion Ratio Lower Upper

56 100

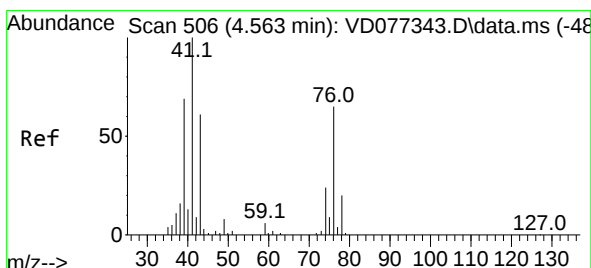
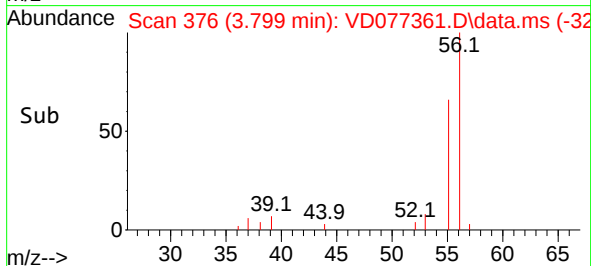
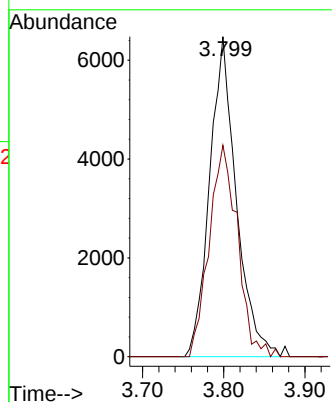
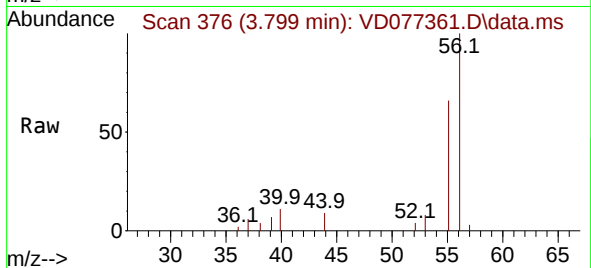
55 70.3 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#14

Allyl chloride

Concen: 21.358 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

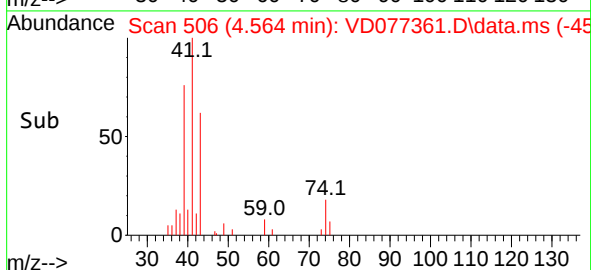
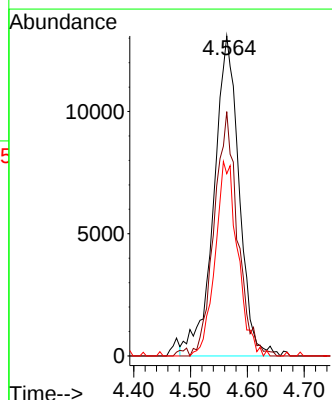
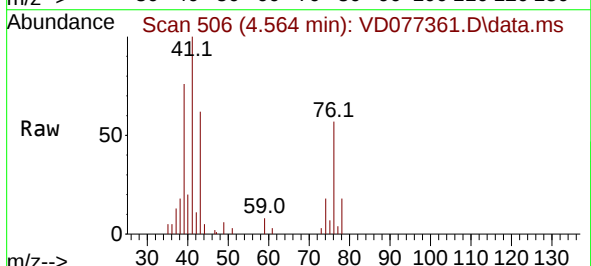
Tgt Ion: 41 Resp: 40333

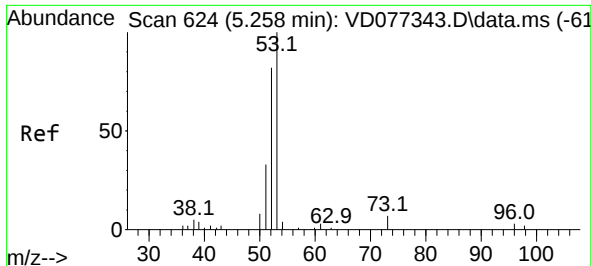
Ion Ratio Lower Upper

41 100

39 70.9 53.8 80.6

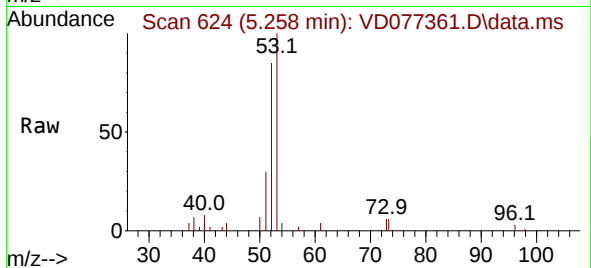
76 54.6 45.8 68.8





#15
Acrylonitrile
Concen: 118.732 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

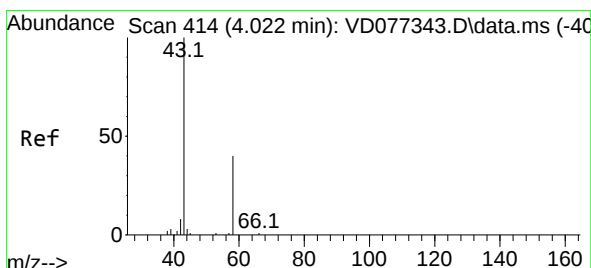
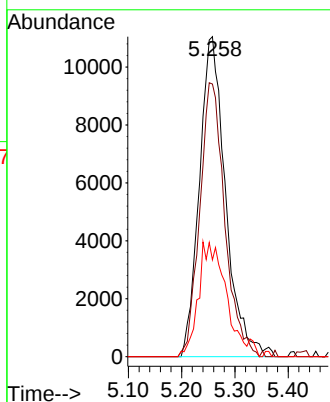
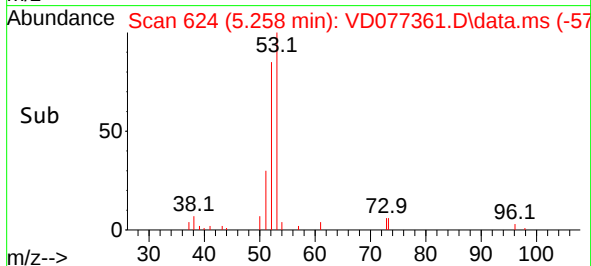
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 53 Resp: 3781
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 37.1 28.3 42.5

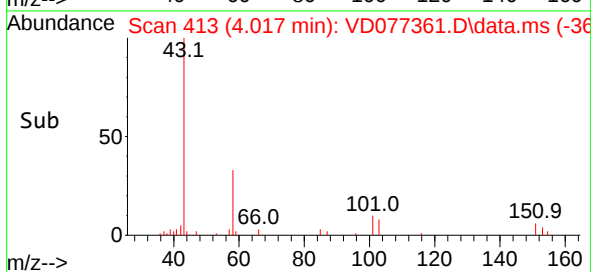
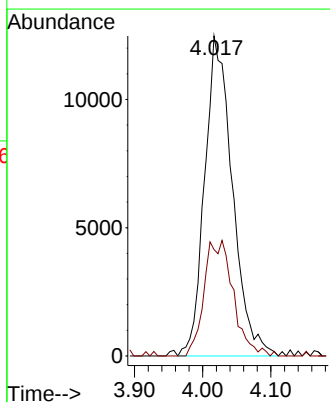
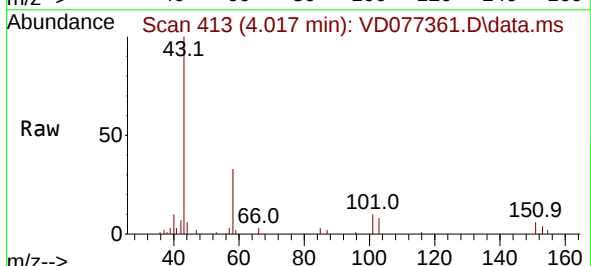
Manual Integrations
APPROVED

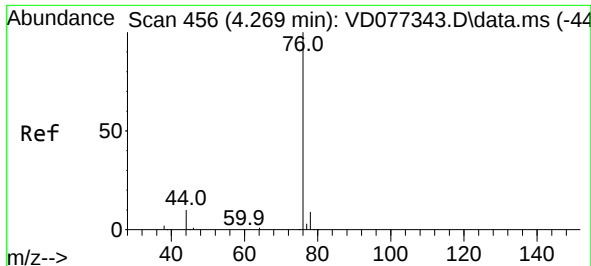
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
Acetone
Concen: 104.448 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

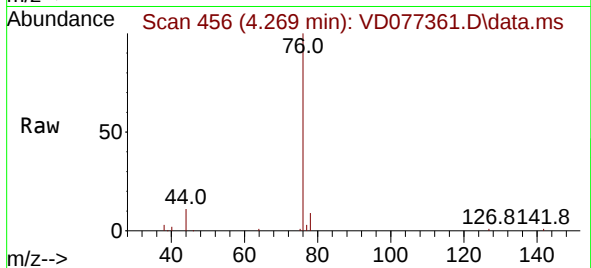
Tgt Ion: 43 Resp: 35353
Ion Ratio Lower Upper
43 100
58 33.3 34.7 52.1#





#17
Carbon Disulfide
Concen: 20.674 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

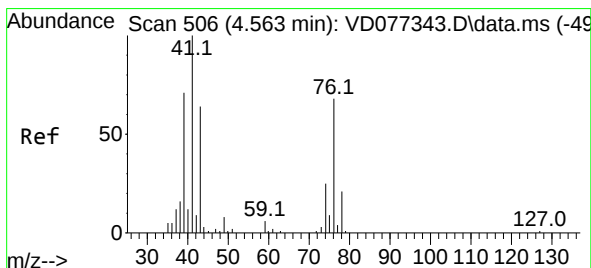
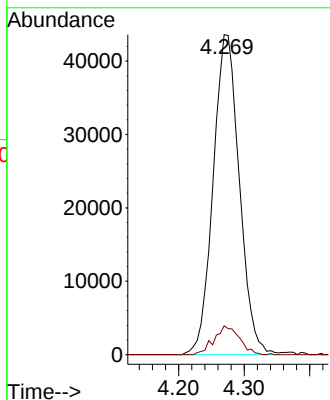
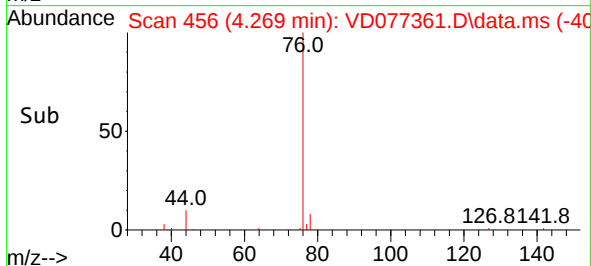
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 76 Resp: 120950
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

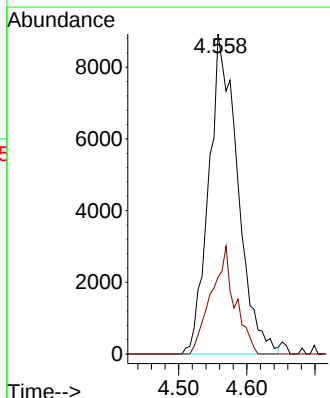
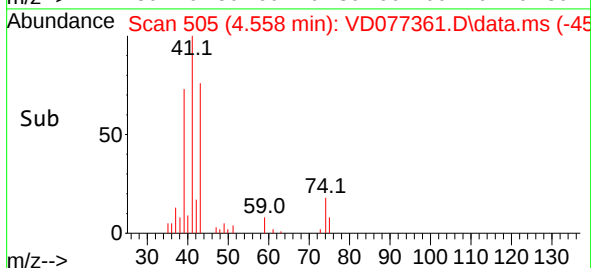
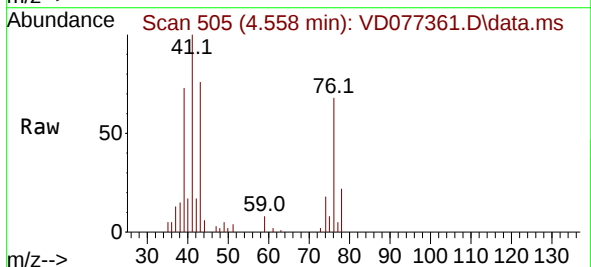
Manual Integrations
APPROVED

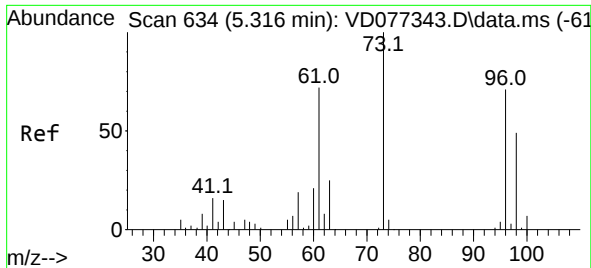
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#18
Methyl Acetate
Concen: 22.280 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 43 Resp: 26246
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





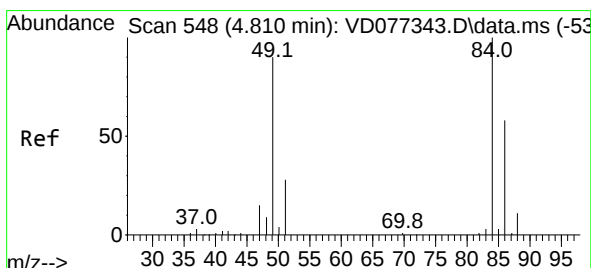
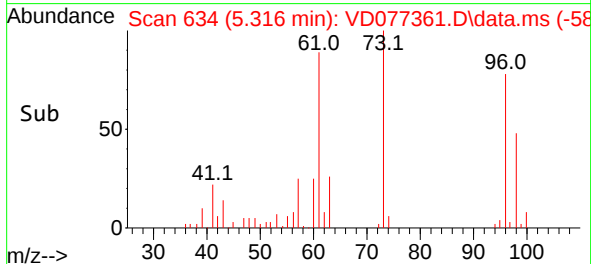
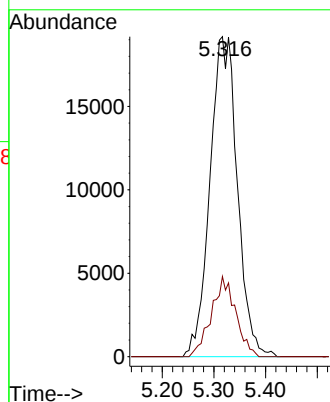
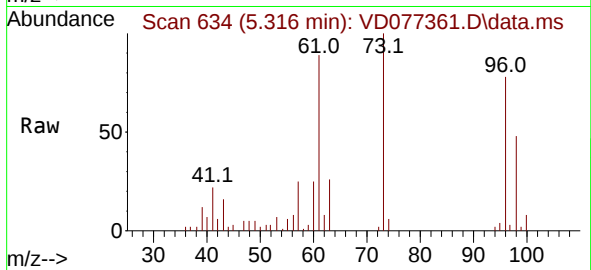
#19
Methyl tert-butyl Ether
Concen: 20.857 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 73 Resp: 7070
Ion Ratio Lower Upper
73 100
57 25.1 16.6 25.0

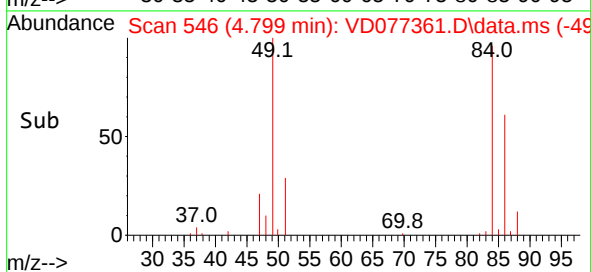
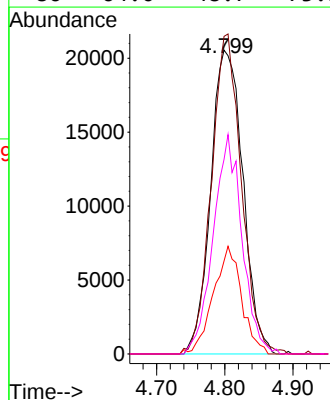
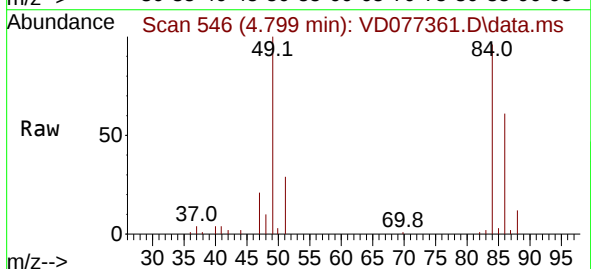
Manual Integrations
APPROVED

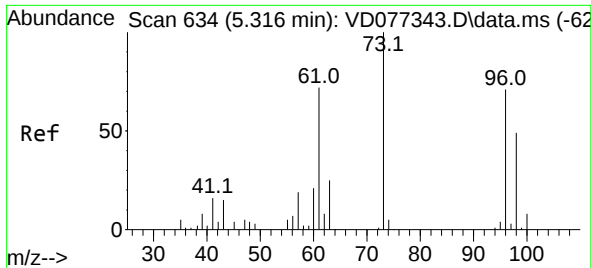
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#20
Methylene Chloride
Concen: 31.117 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

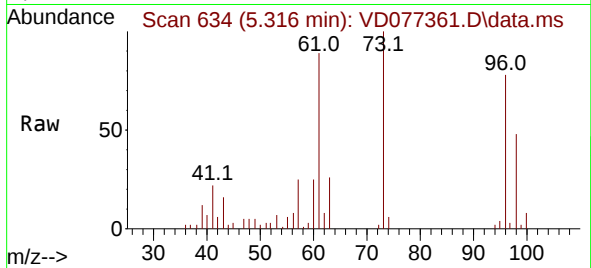
Tgt Ion: 84 Resp: 67437
Ion Ratio Lower Upper
84 100
49 104.5 71.4 107.2
51 30.6 24.5 36.7
86 64.0 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.479 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

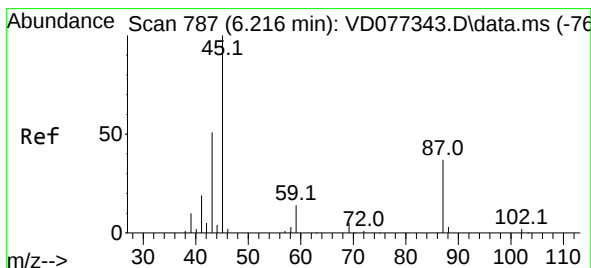
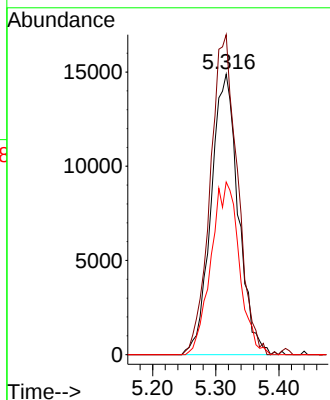
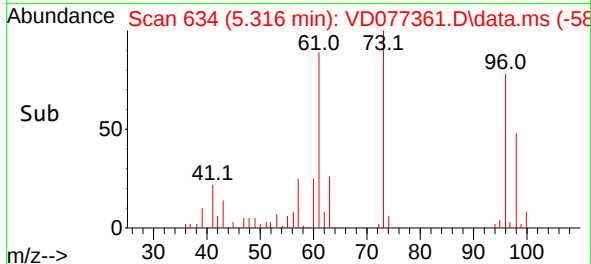
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 96 Resp: 4446
Ion Ratio Lower Upper
96 100
61 114.1 89.3 133.9
98 61.6 48.6 73.0

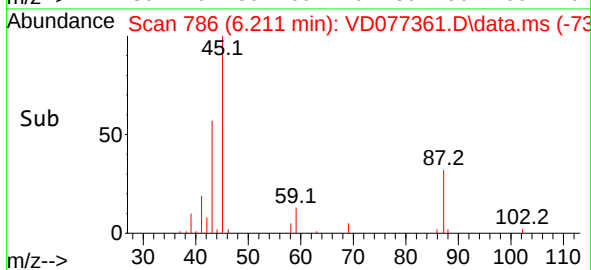
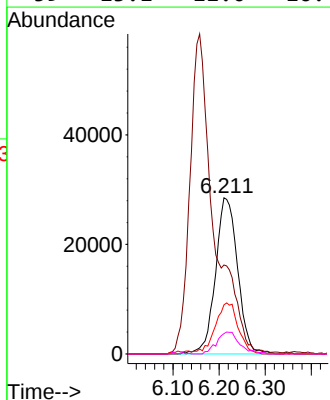
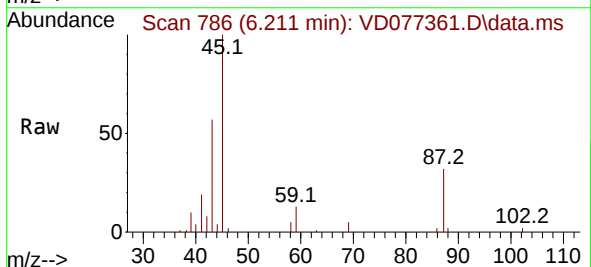
Manual Integrations
APPROVED

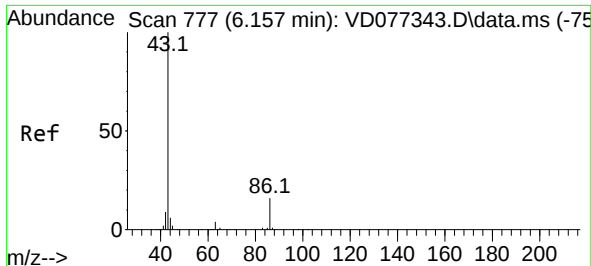
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
Diisopropyl ether
Concen: 25.623 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

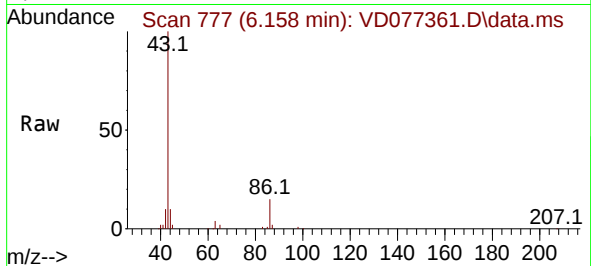
Tgt Ion: 45 Resp: 94985
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 31.5 28.2 42.4
59 13.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 123.179 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

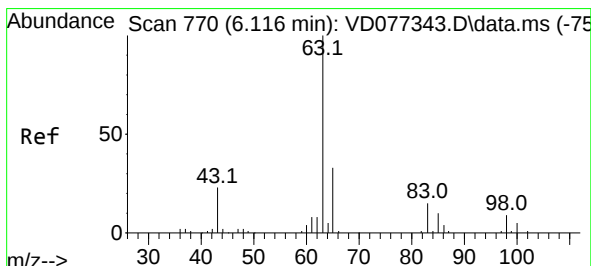
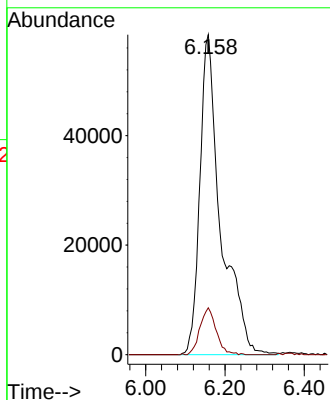
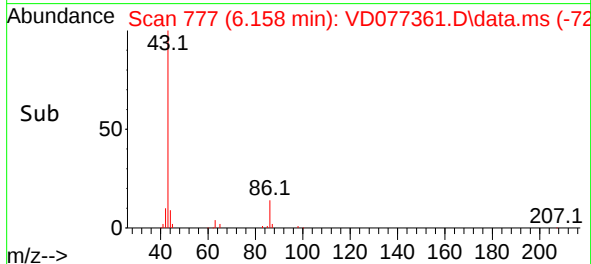
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01



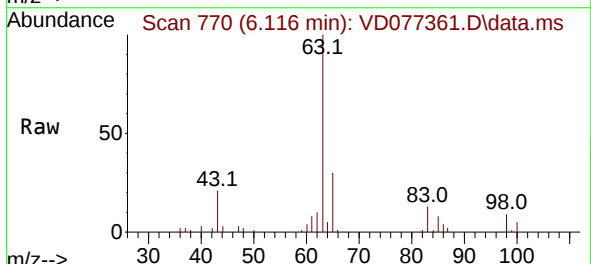
Tgt Ion: 43 Resp: 213990
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7

Manual Integrations
 APPROVED

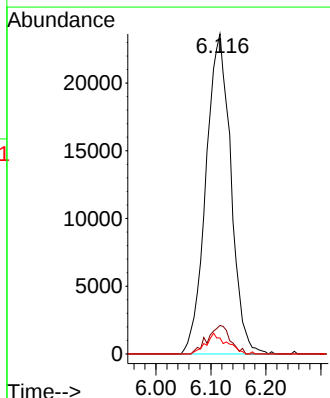
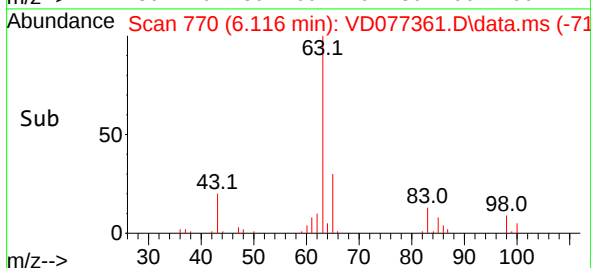
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023

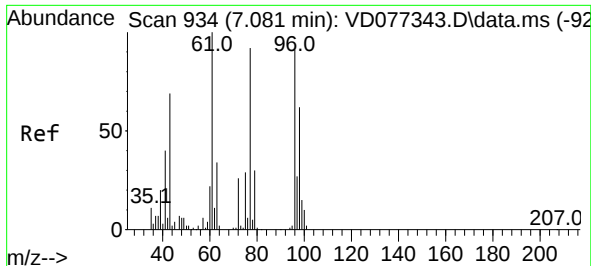


#24
 1,1-Dichloroethane
 Concen: 24.102 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19



Tgt Ion: 63 Resp: 74286
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 5.0 2.5 7.5





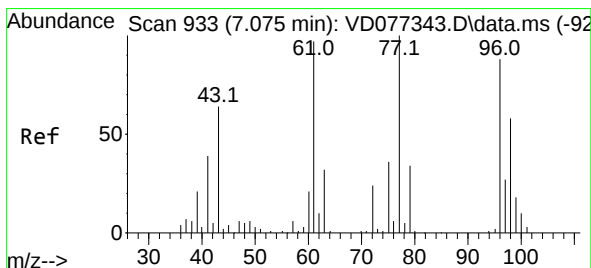
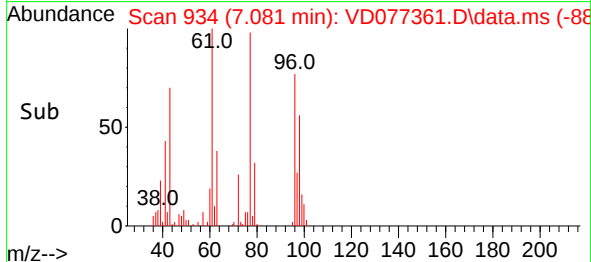
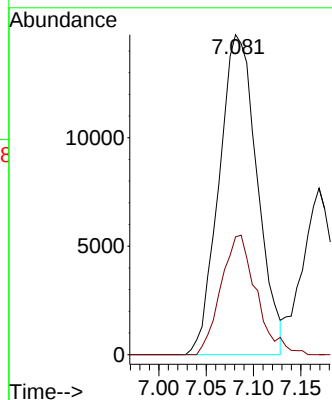
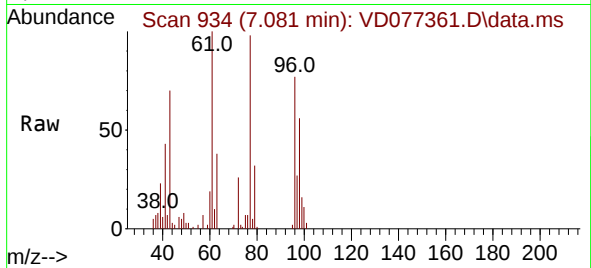
#25
2-Butanone
Concen: 117.946 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 43 Resp: 4141
Ion Ratio Lower Upper
43 100
72 36.8 30.7 46.1

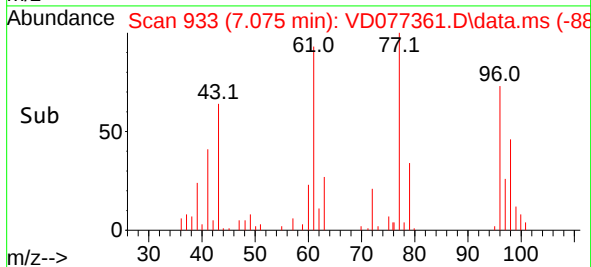
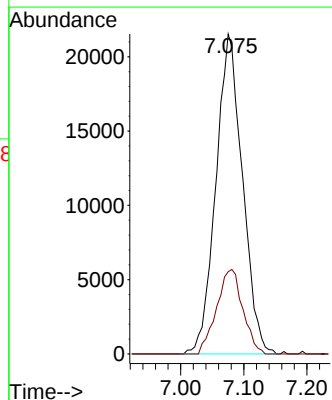
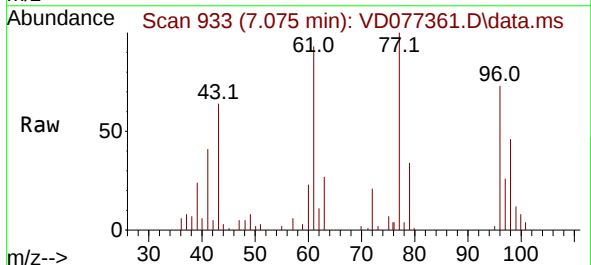
Manual Integrations
APPROVED

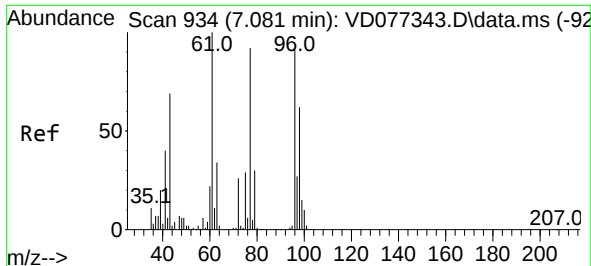
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#26
2,2-Dichloropropane
Concen: 22.401 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

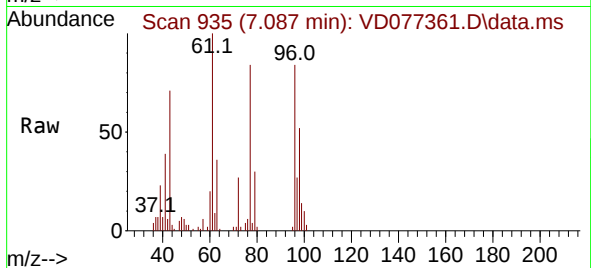
Tgt Ion: 77 Resp: 62954
Ion Ratio Lower Upper
77 100
97 26.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.647 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

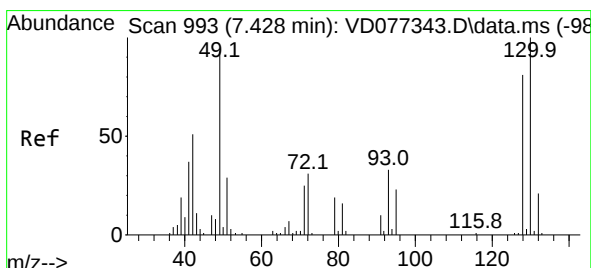
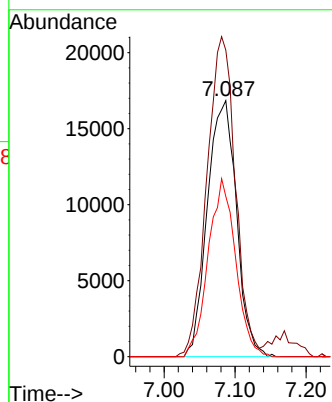
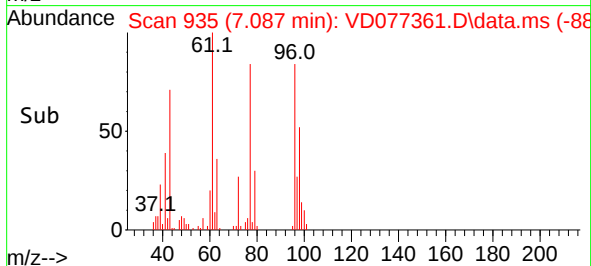
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01



Tgt Ion: 96 Resp: 47924
 Ion Ratio Lower Upper
 96 100
 61 122.1 0.0 239.2
 98 65.4 0.0 128.6

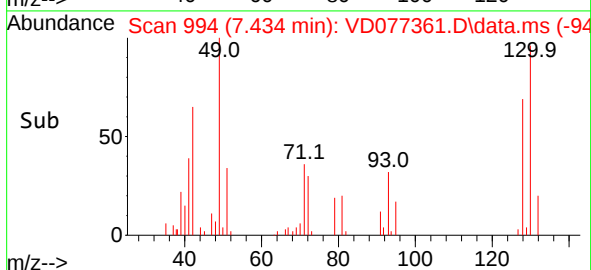
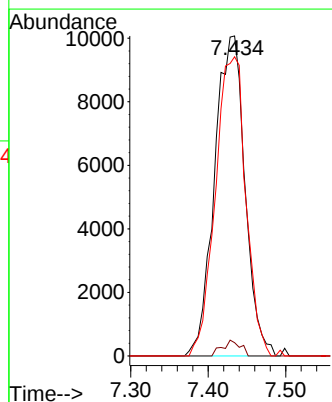
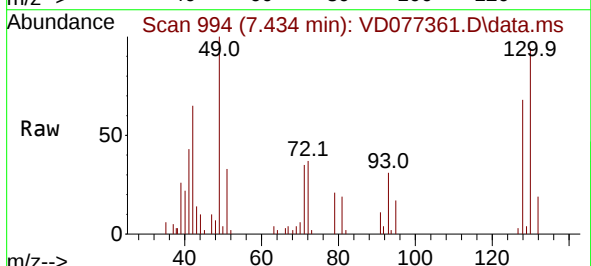
Manual Integrations
 APPROVED

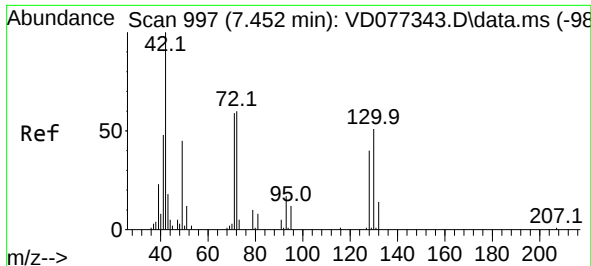
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#28
 Bromochloromethane
 Concen: 24.400 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Tgt Ion: 49 Resp: 27471
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 93.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 118.654 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

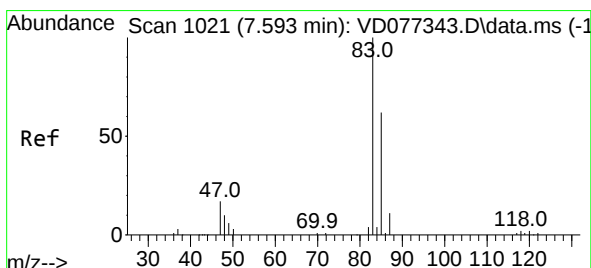
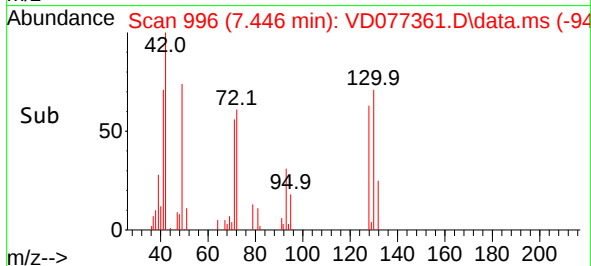
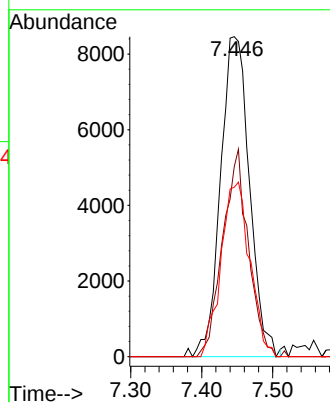
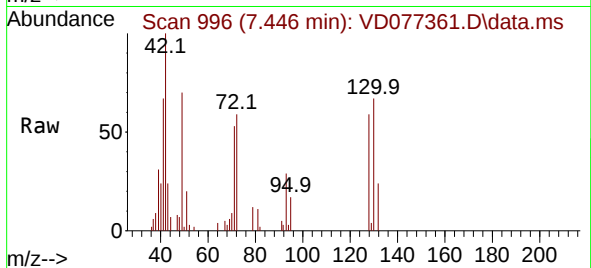
Tgt Ion:	42	Resp:	2403
Ion Ratio	Lower	Upper	
42	100		
72	57.2	46.5	69.7
71	54.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#30

Chloroform

Concen: 23.446 ug/l

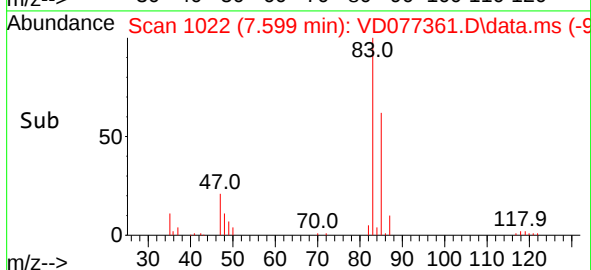
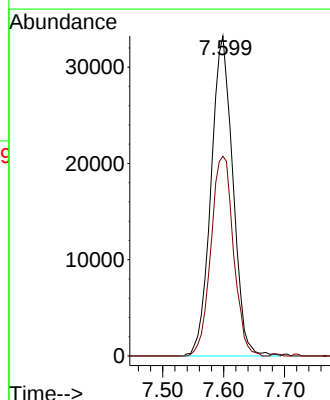
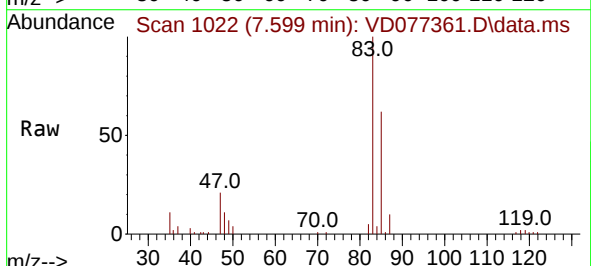
RT: 7.599 min Scan# 1022

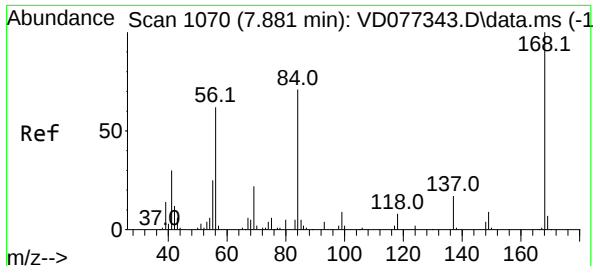
Delta R.T. 0.006 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

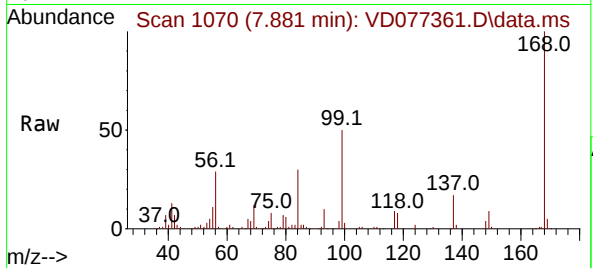
Tgt Ion:	83	Resp:	82911
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.4	80.2





#31
Cyclohexane
Concen: 23.205 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

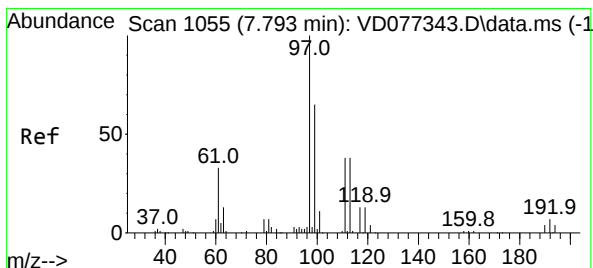
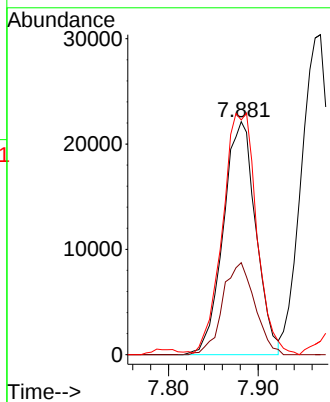
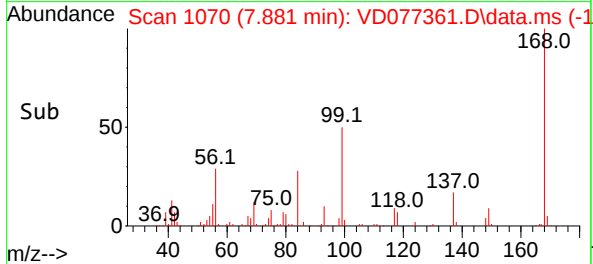
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



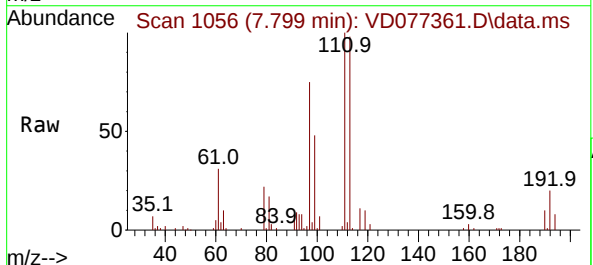
Tgt Ion: 56 Resp: 5572
Ion Ratio Lower Upper
56 100
69 39.5 28.6 43.0
84 99.5 84.8 127.2

Manual Integrations
APPROVED

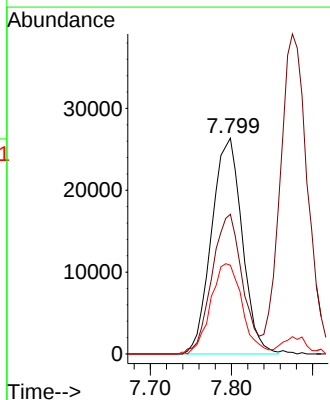
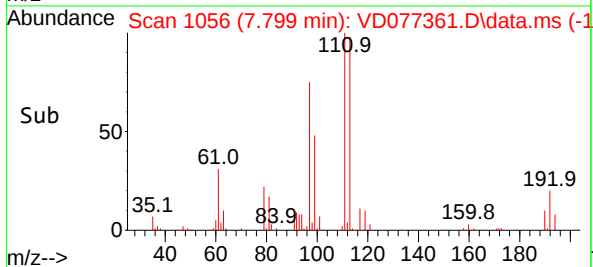
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

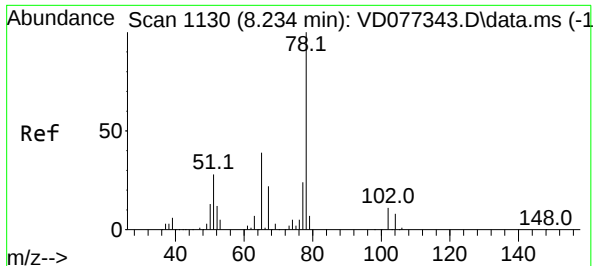


#32
1,1,1-Trichloroethane
Concen: 22.604 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



Tgt Ion: 97 Resp: 68961
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.025 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 65 Resp: 8030

Ion Ratio Lower Upper

65 100

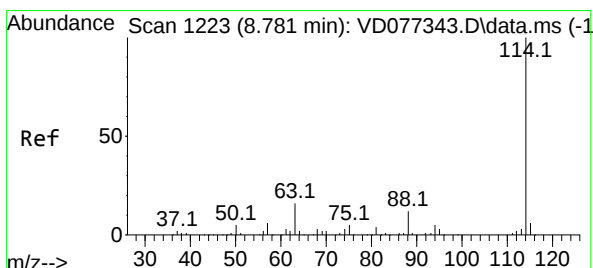
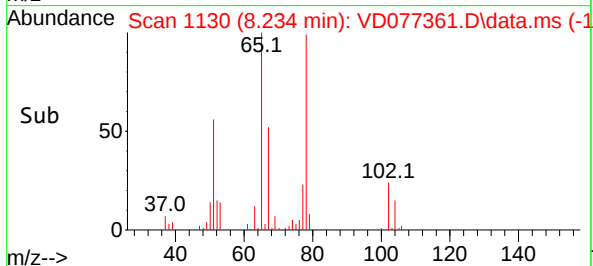
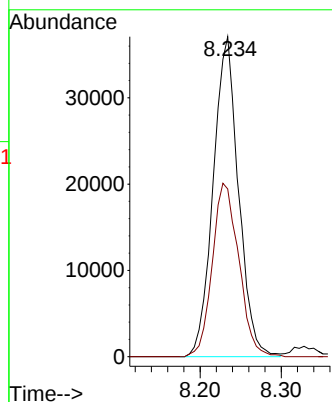
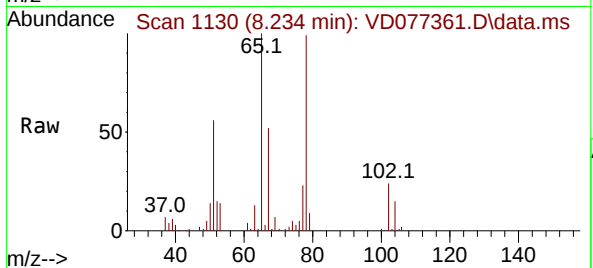
67 56.7 0.0 115.0

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: VD077361.D

Acq: 20 Oct 2023 12:19

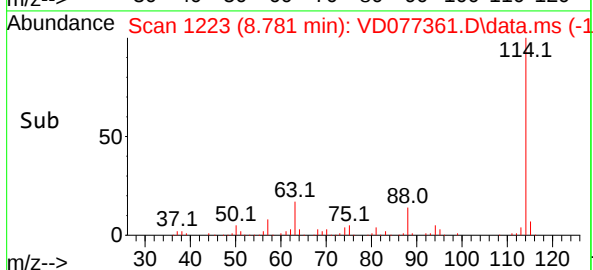
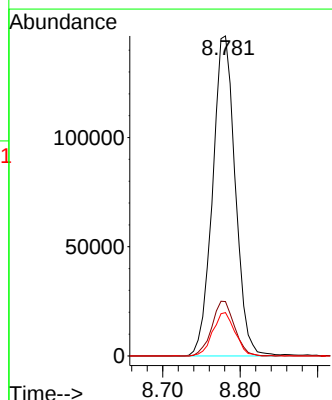
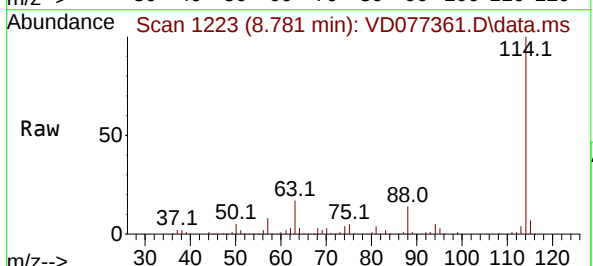
Tgt Ion:114 Resp: 297624

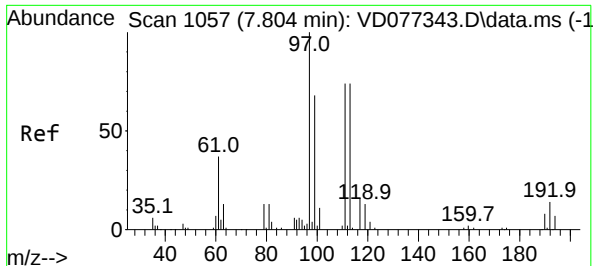
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.566 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 113 Resp: 97360

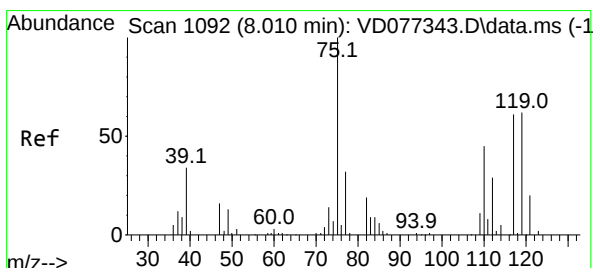
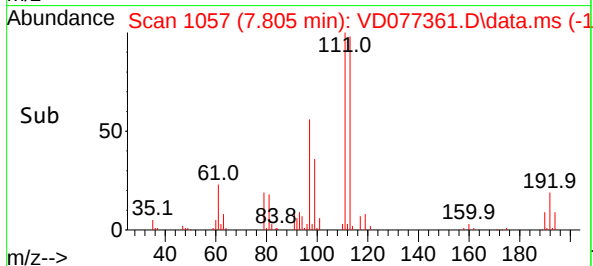
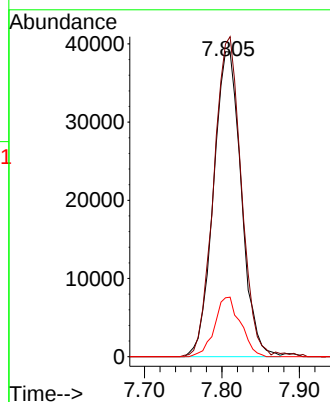
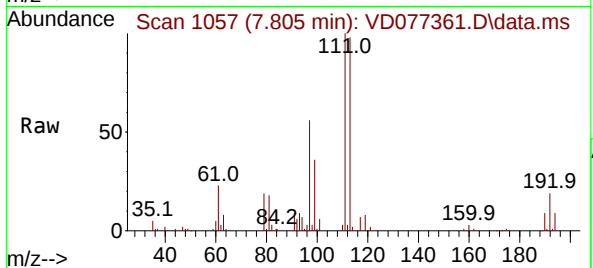
Ion	Ratio	Lower	Upper
113	100		
111	104.2	84.7	127.1
192	18.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#36

1,1-Dichloropropene

Concen: 21.240 ug/l

RT: 8.010 min Scan# 1092

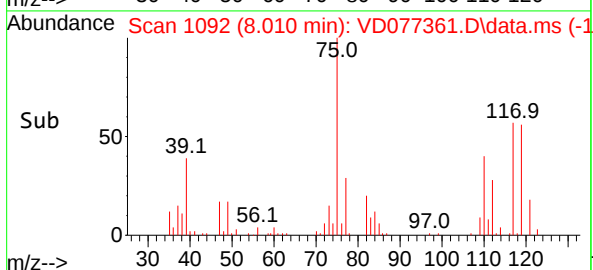
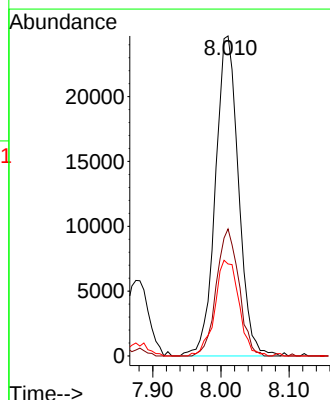
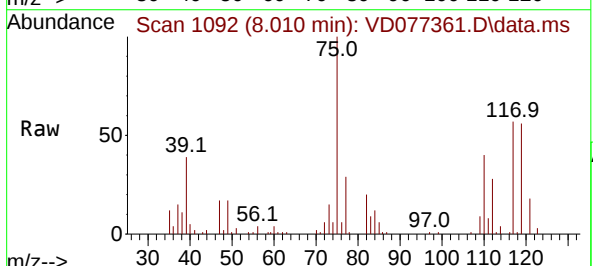
Delta R.T. 0.000 min

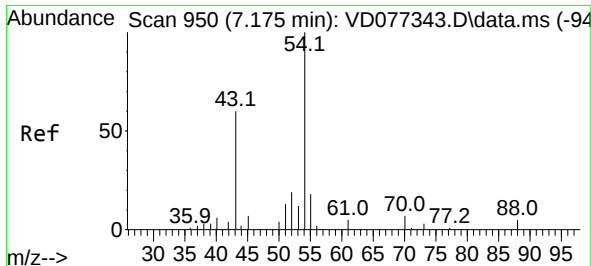
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion: 75 Resp: 58355

Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.9	59.6
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 21.084 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 43 Resp: 18190

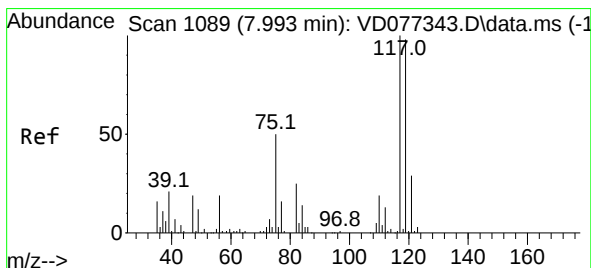
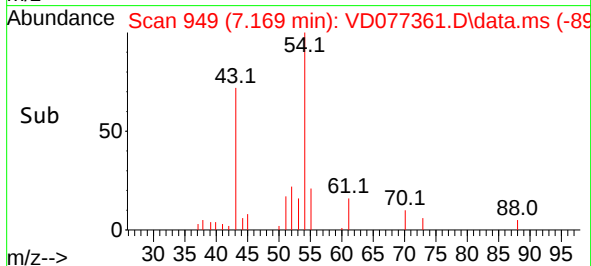
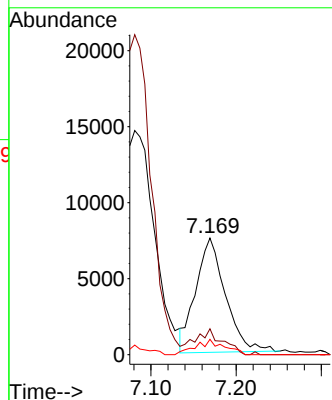
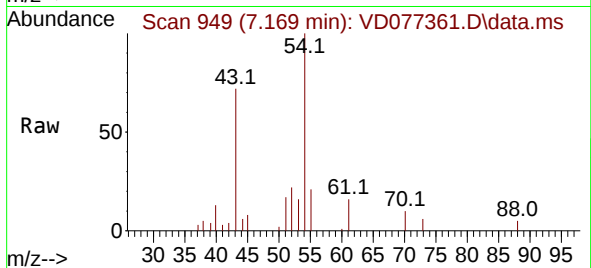
Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.9	22.3
70	12.7	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

Carbon Tetrachloride

Concen: 20.591 ug/l

RT: 7.993 min Scan# 1089

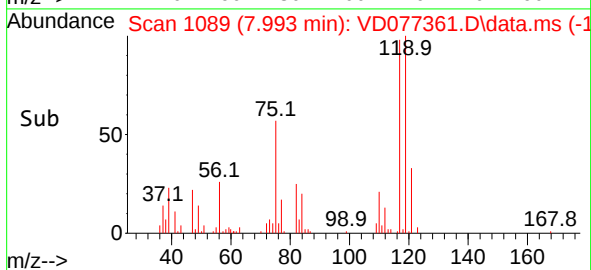
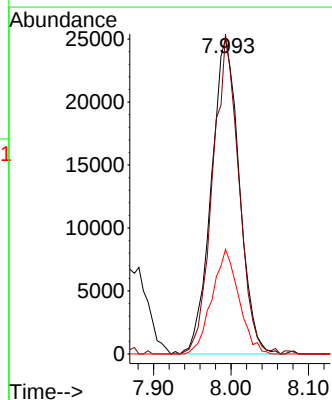
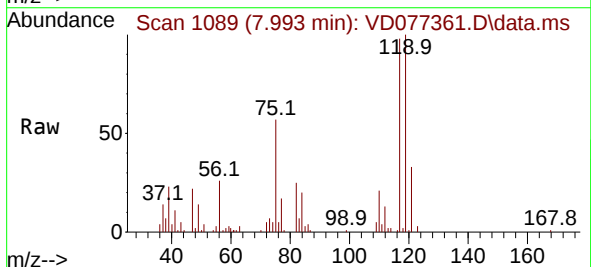
Delta R.T. -0.000 min

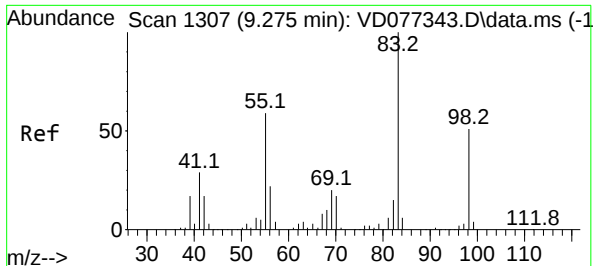
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:117 Resp: 62935

Ion	Ratio	Lower	Upper
117	100		
119	101.6	78.0	117.0
121	33.2	24.2	36.2





#39

Methylcyclohexane

Concen: 19.099 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 83 Resp: 63759

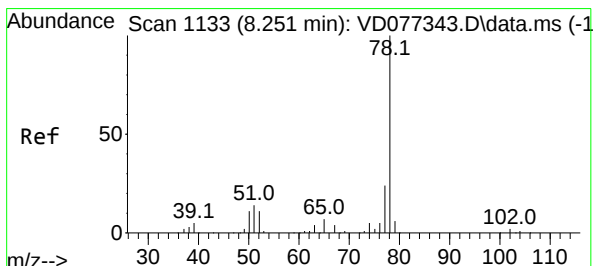
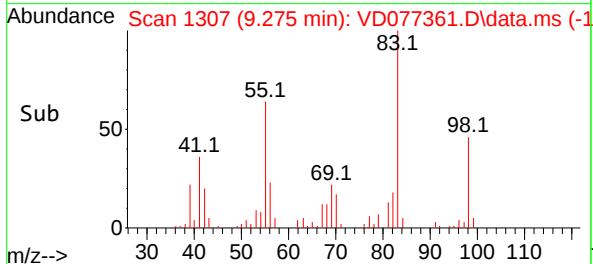
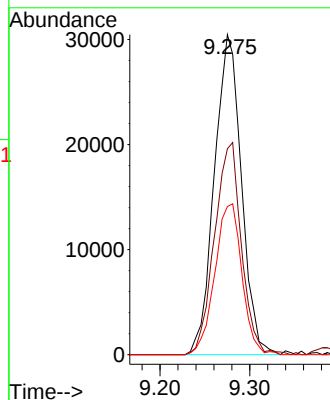
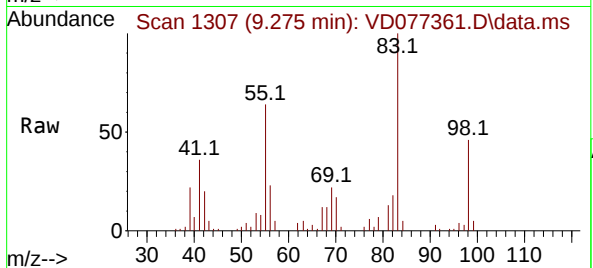
Ion	Ratio	Lower	Upper
83	100		
55	64.3	49.4	74.0
98	46.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#40

Benzene

Concen: 21.154 ug/l

RT: 8.252 min Scan# 1133

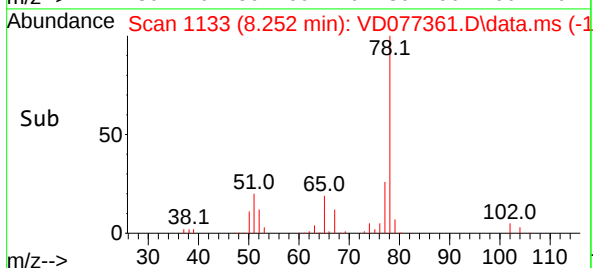
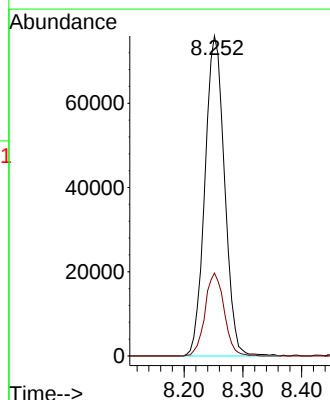
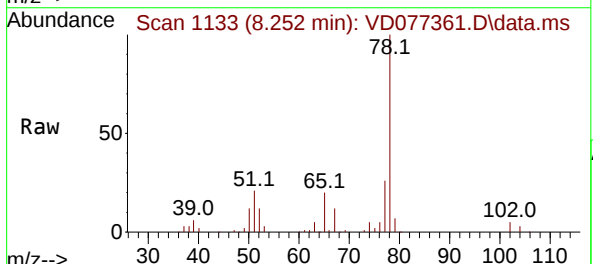
Delta R.T. 0.001 min

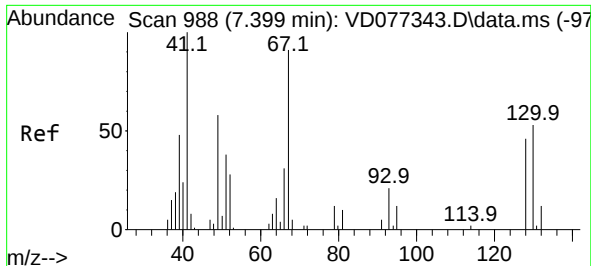
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion: 78 Resp: 176378

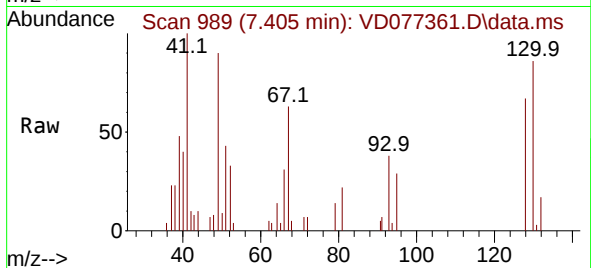
Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.4	29.0





#41
Methacrylonitrile
Concen: 20.334 ug/l m
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

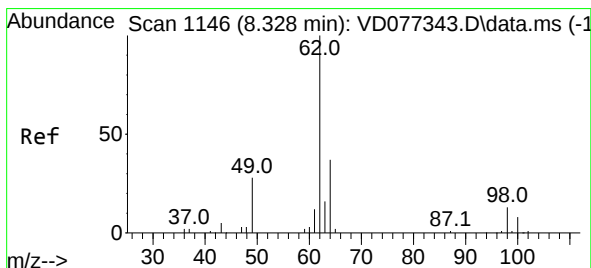
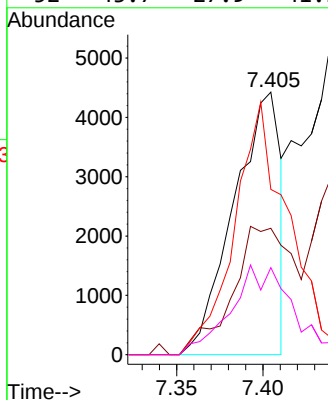
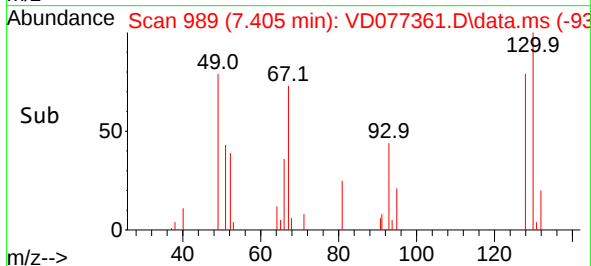
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 41 Resp: 8375
Ion Ratio Lower Upper
41 100
39 63.3 34.0 51.0
67 111.4 77.0 115.4
52 43.7 27.9 41.9#

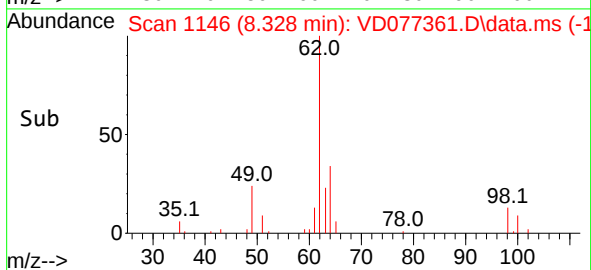
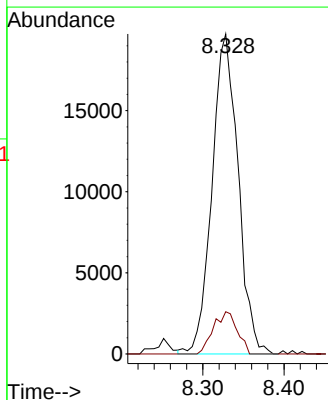
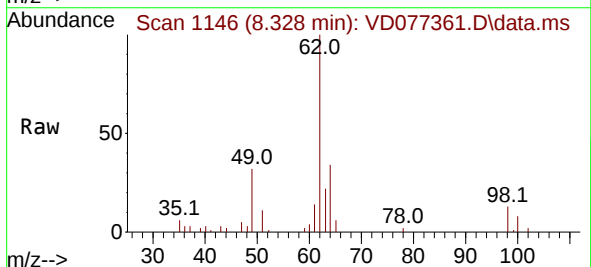
Manual Integrations
APPROVED

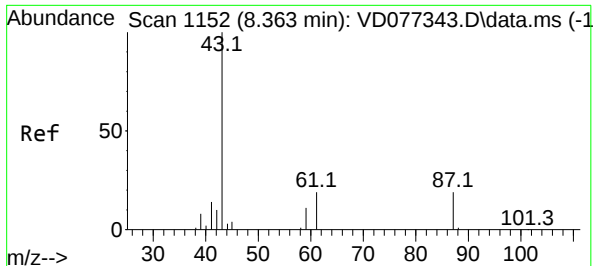
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#42
1,2-Dichloroethane
Concen: 22.383 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 62 Resp: 43958
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 22.926 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 43 Resp: 35619

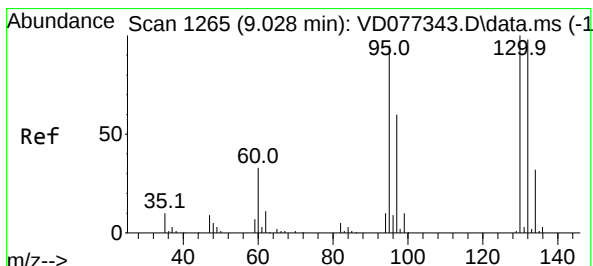
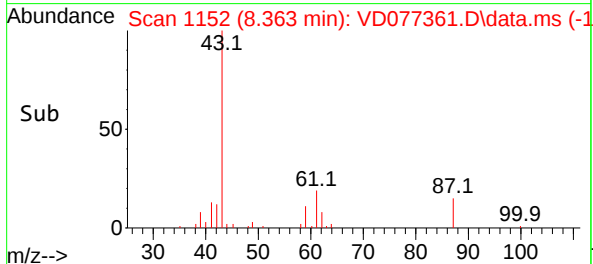
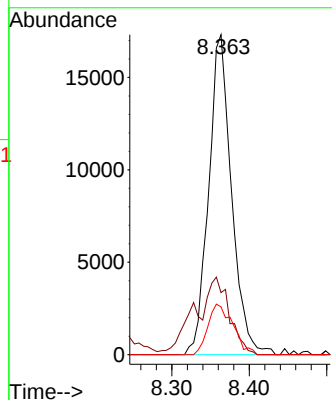
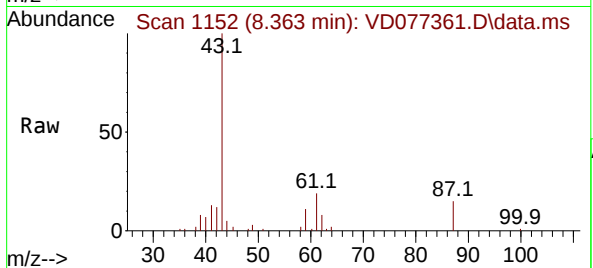
Ion	Ratio	Lower	Upper
43	100		
61	23.1	31.4	47.0
87	17.2	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#44

Trichloroethene

Concen: 19.841 ug/l

RT: 9.034 min Scan# 1266

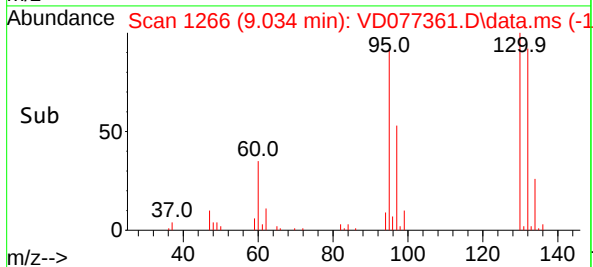
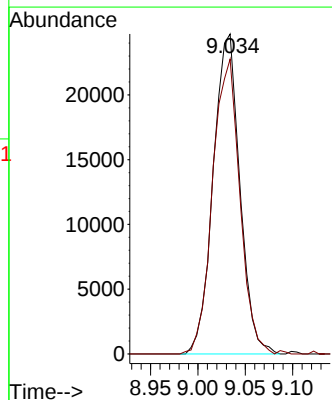
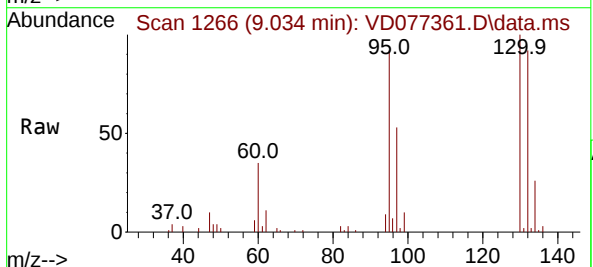
Delta R.T. 0.006 min

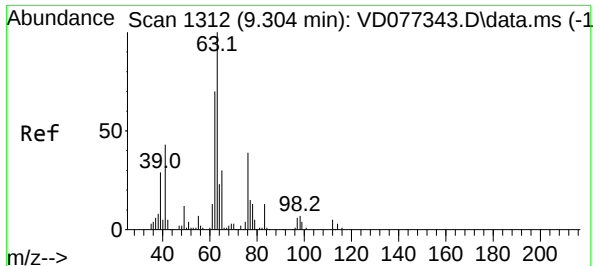
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:130 Resp: 48365

Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	179.2





#45

1,2-Dichloropropane

Concen: 23.062 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 63 Resp: 4432

Ion Ratio Lower Upper

63 100

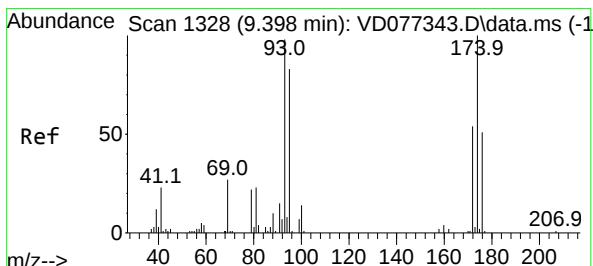
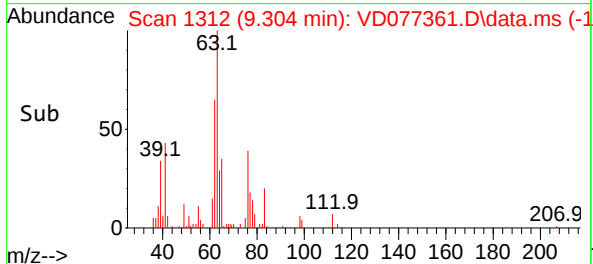
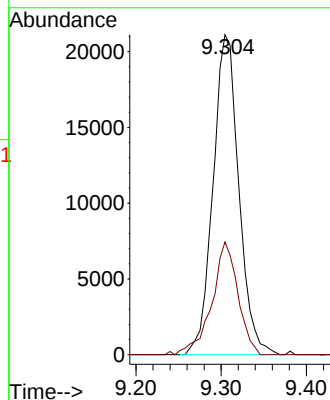
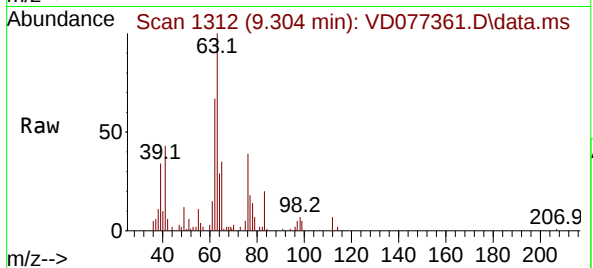
65 35.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#46

Dibromomethane

Concen: 20.907 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

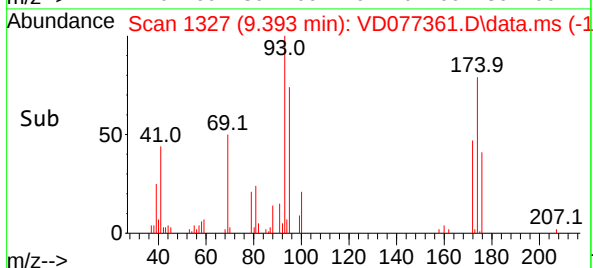
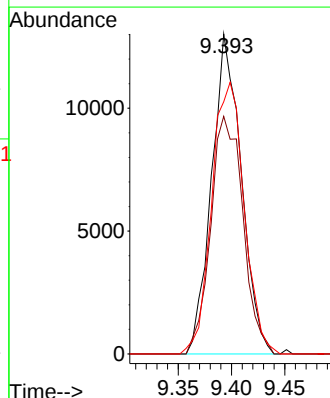
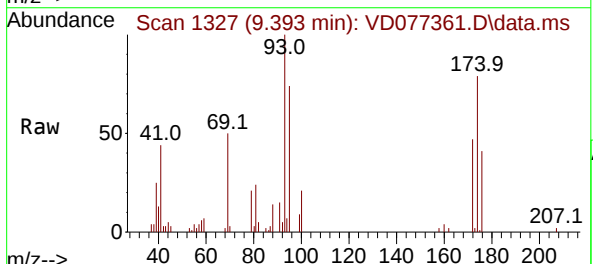
Tgt Ion: 93 Resp: 25121

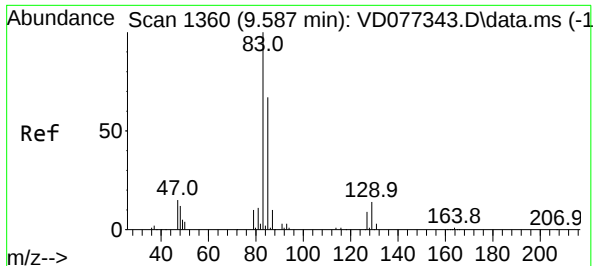
Ion Ratio Lower Upper

93 100

95 81.1 67.7 101.5

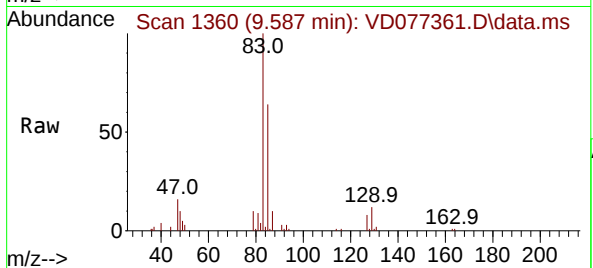
174 93.2 85.4 128.2





#47
Bromodichloromethane
Concen: 21.517 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

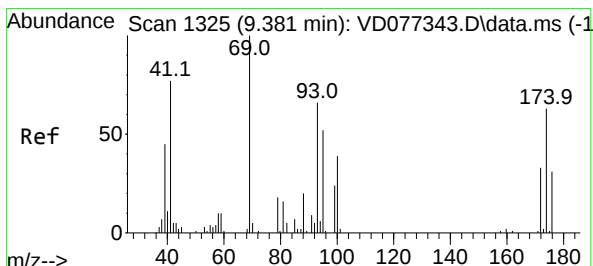
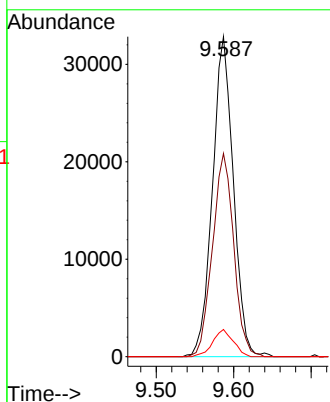
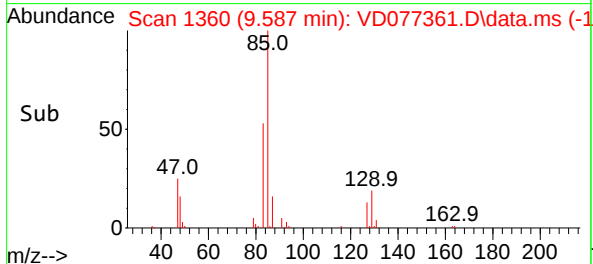
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



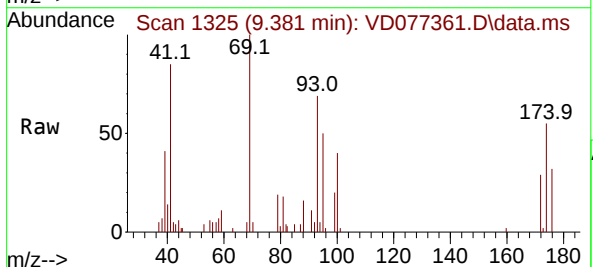
Tgt Ion: 83 Resp: 61650
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.5 6.3 9.5

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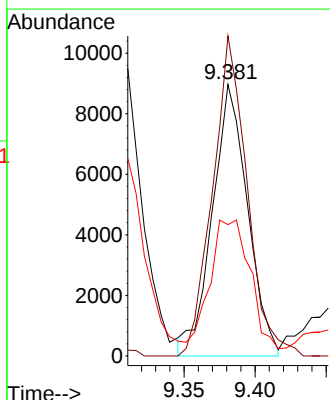
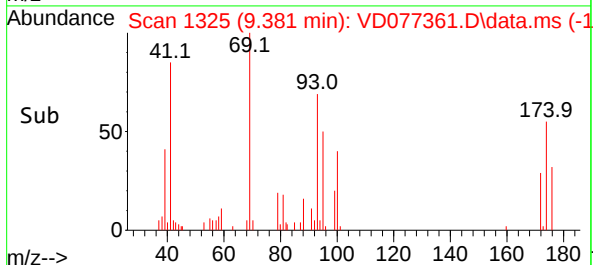
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

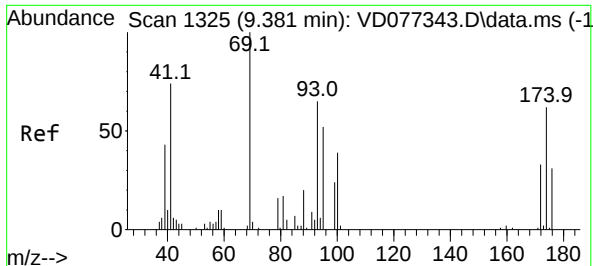


#48
Methyl methacrylate
Concen: 21.996 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



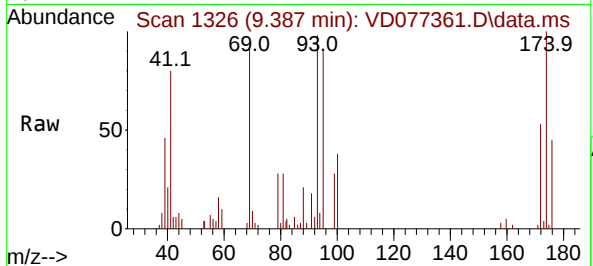
Tgt Ion: 41 Resp: 15460
Ion Ratio Lower Upper
41 100
69 115.3 102.2 153.2
39 59.0 41.4 62.2





#49
1,4-Dioxane
Concen: 390.766 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

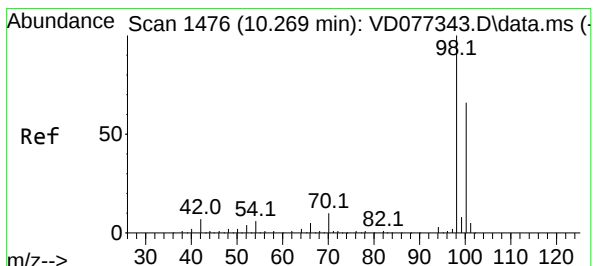
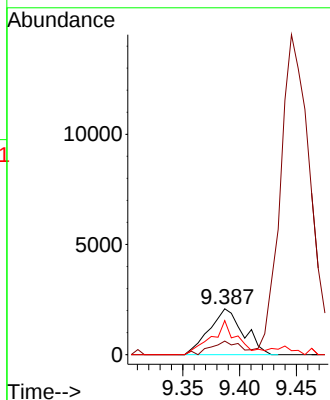
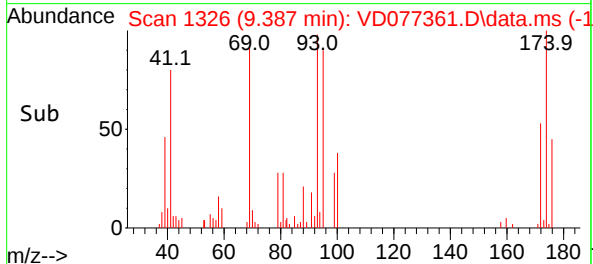
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 88 Resp: 433
Ion Ratio Lower Upper
88 100
43 24.4 19.0 28.6
58 57.6 43.5 65.3

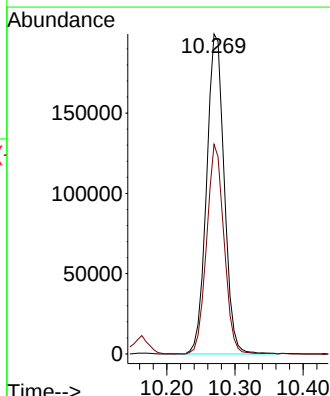
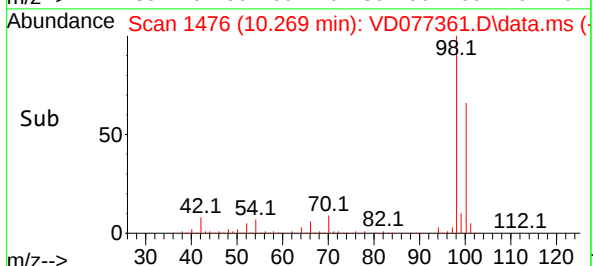
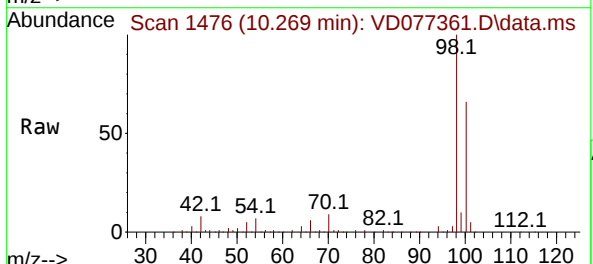
Manual Integrations
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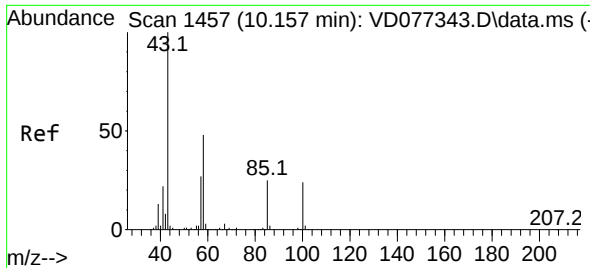
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#50
Toluene-d8
Concen: 47.856 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 98 Resp: 358362
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5





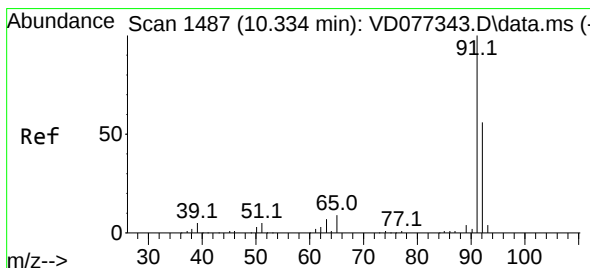
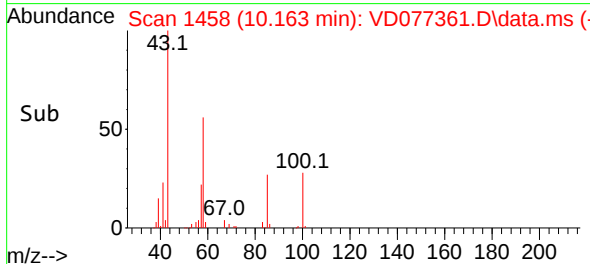
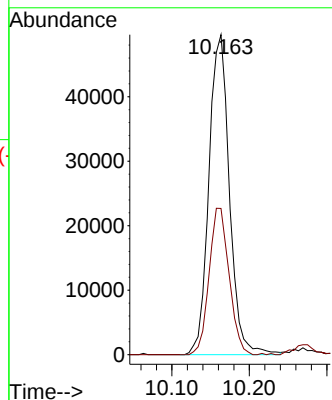
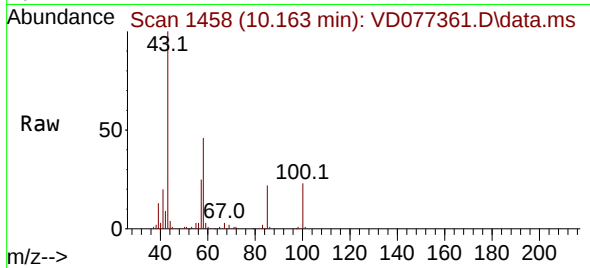
#51
4-Methyl-2-Pentanone
Concen: 117.281 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 43 Resp: 9134
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3

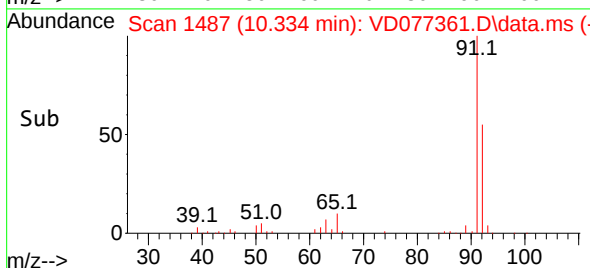
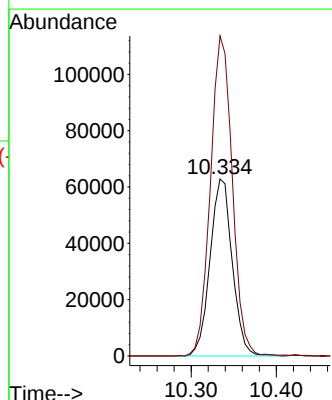
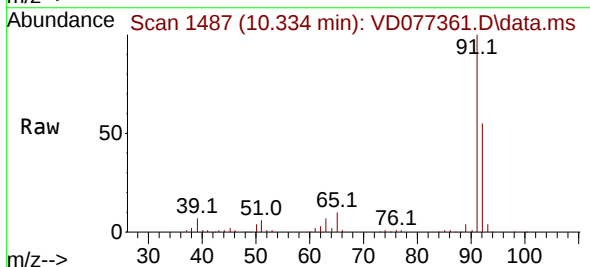
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APPROVED

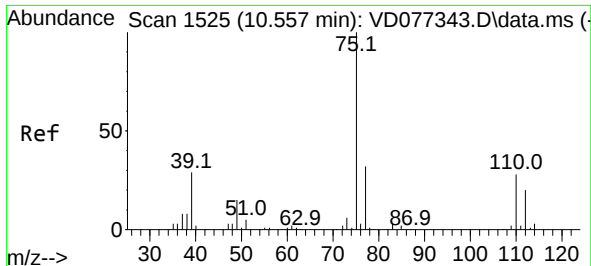
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#52
Toluene
Concen: 20.928 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

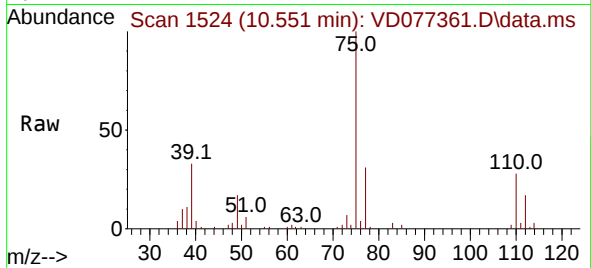
Tgt Ion: 92 Resp: 113928
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 20.771 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

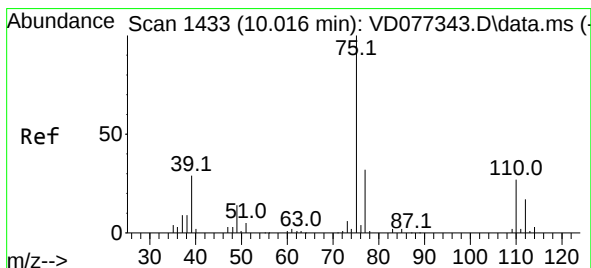
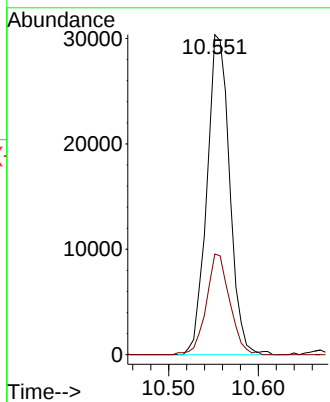
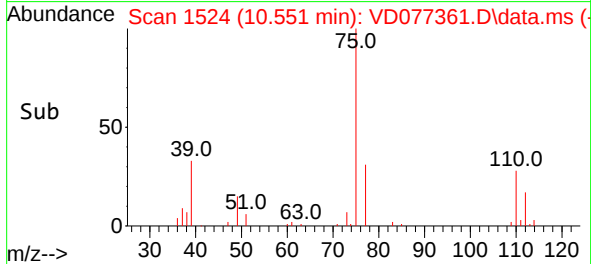
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01



Tgt Ion: 75 Resp: 53419
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9

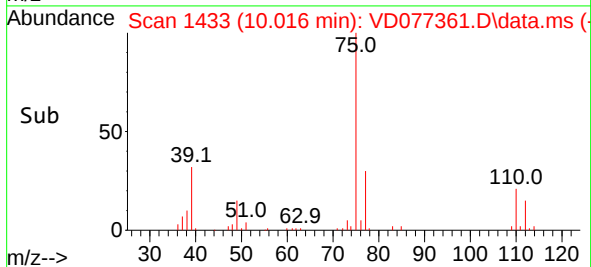
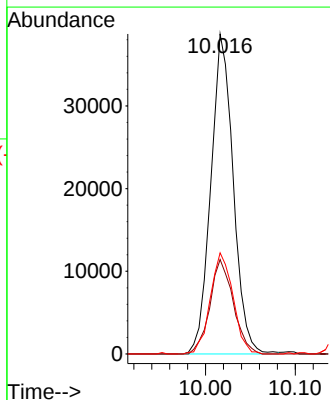
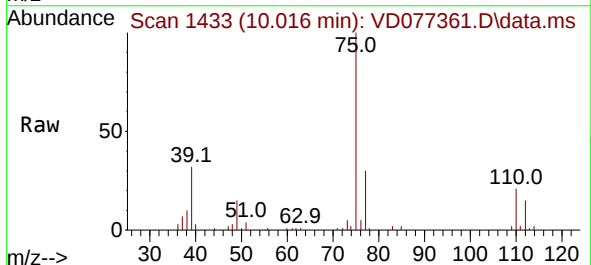
Manual Integrations
 APPROVED

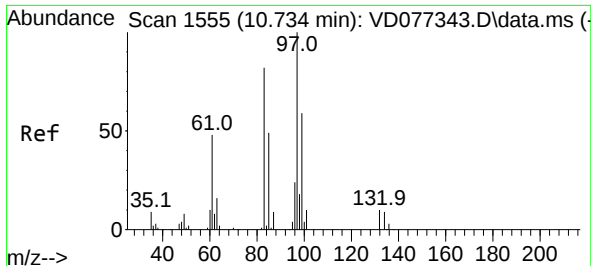
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.338 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

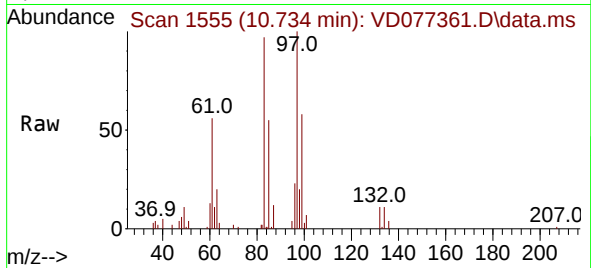
Tgt Ion: 75 Resp: 67143
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.5 38.3
 39 31.6 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 20.727 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

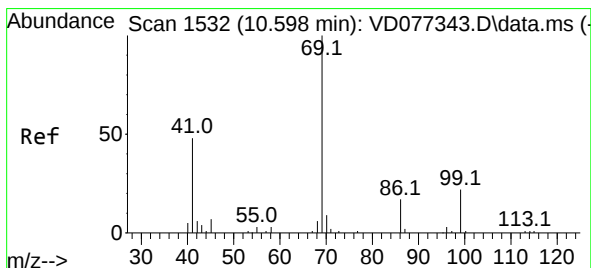
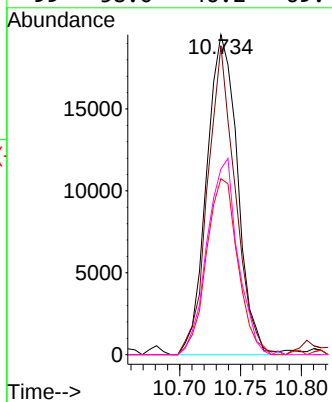
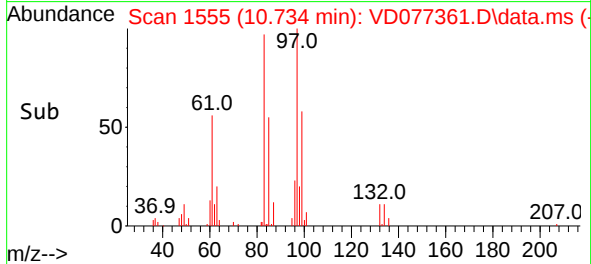
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion:	97	Resp:	3449
Ion Ratio	100	Lower	Upper
97	100		
83	96.6	65.8	98.6
85	55.0	45.7	68.5
99	58.0	46.2	69.4

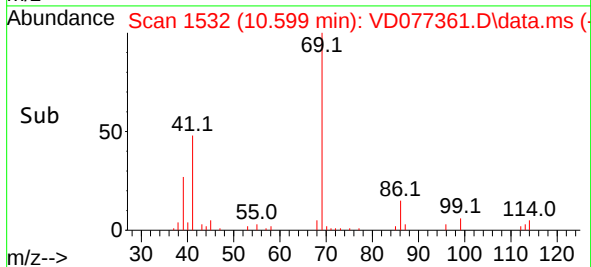
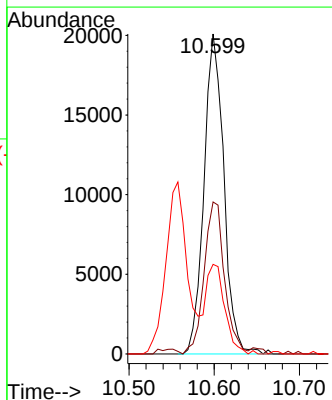
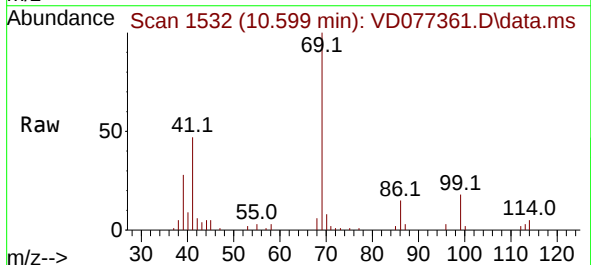
Manual Integrations
APPROVED

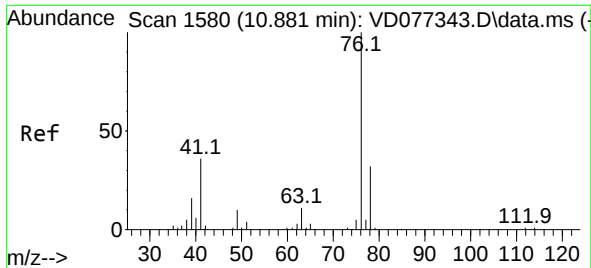
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#56
Ethyl methacrylate
Concen: 20.481 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:	69	Resp:	32574
Ion Ratio	100	Lower	Upper
69	100		
41	48.8	39.1	58.7
39	27.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 22.067 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion: 76 Resp: 5641

Ion Ratio Lower Upper

76 100

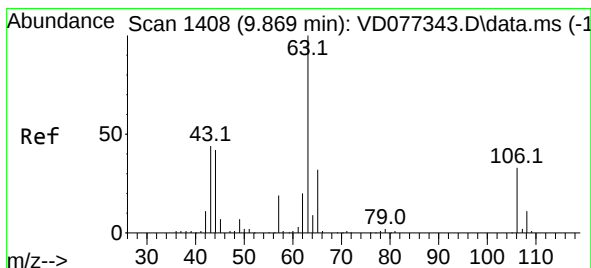
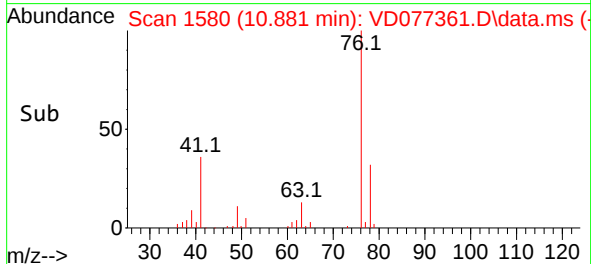
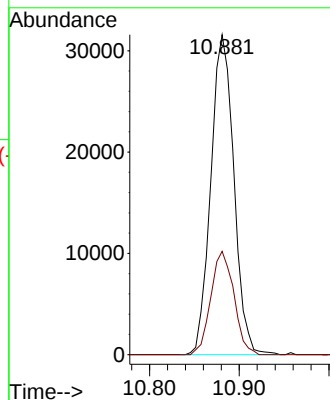
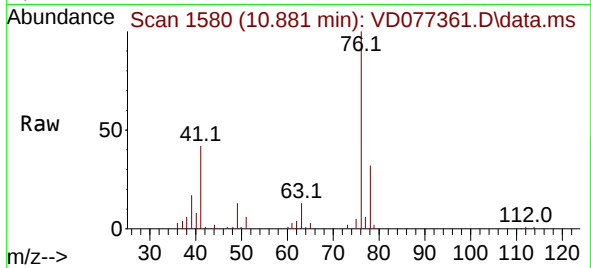
78 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 110.039 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077361.D

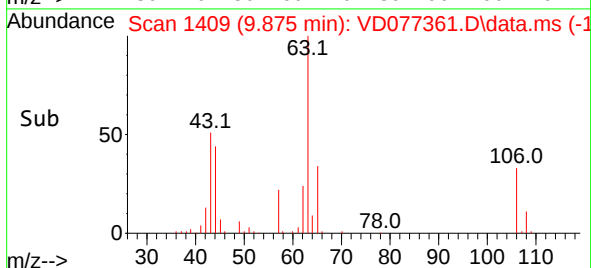
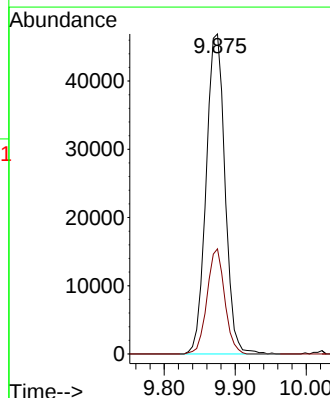
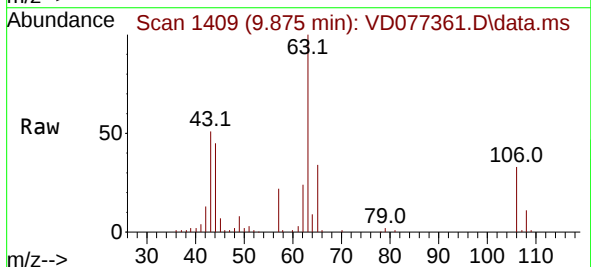
Acq: 20 Oct 2023 12:19

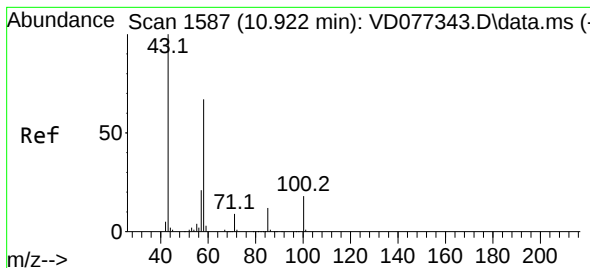
Tgt Ion: 63 Resp: 86549

Ion Ratio Lower Upper

63 100

106 30.7 25.3 37.9





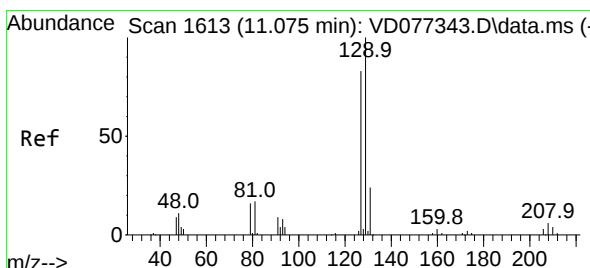
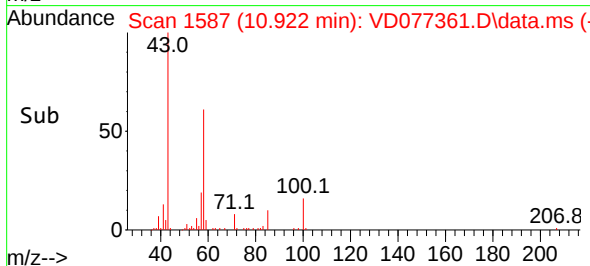
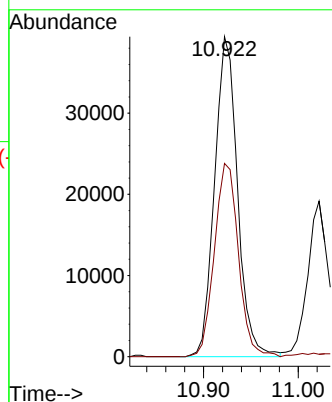
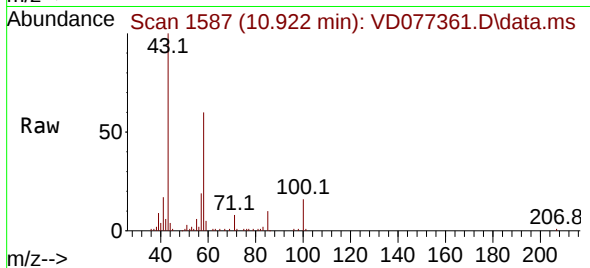
#59
2-Hexanone
Concen: 118.533 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 43 Resp: 6630
Ion Ratio Lower Upper
43 100
58 63.3 34.1 102.2

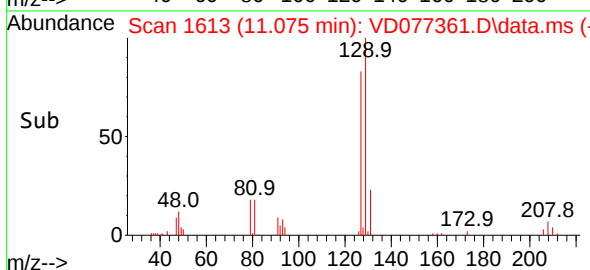
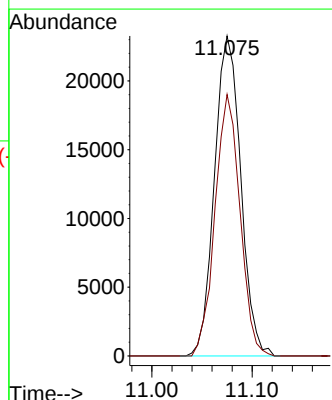
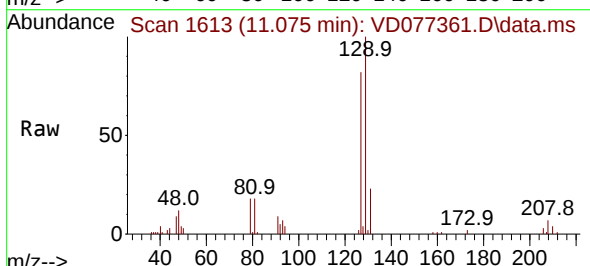
Manual Integrations
APPROVED

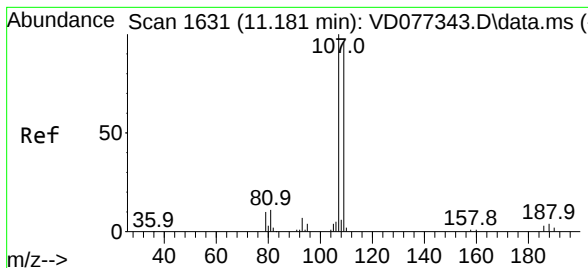
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#60
Dibromochloromethane
Concen: 19.956 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

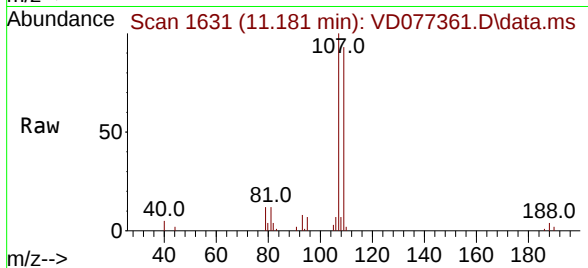
Tgt Ion:129 Resp: 42408
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.942 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

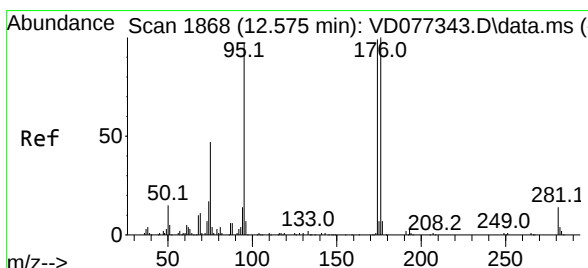
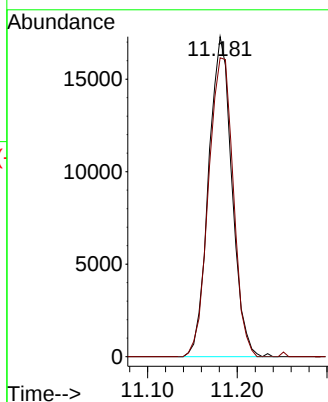
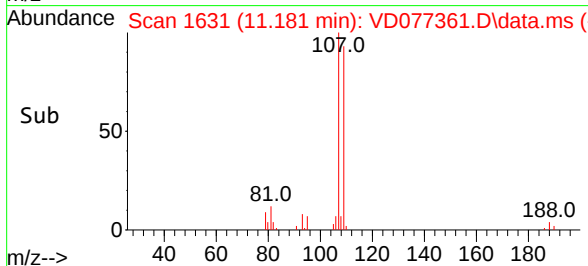
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



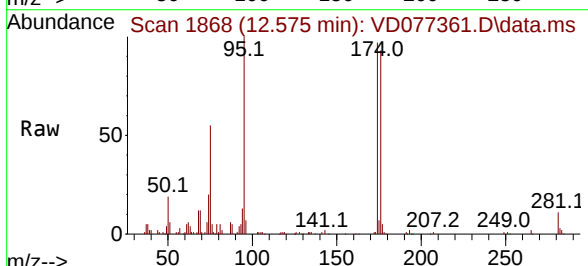
Tgt Ion:107 Resp: 31274
Ion Ratio Lower Upper
107 100
109 98.7 75.6 113.4

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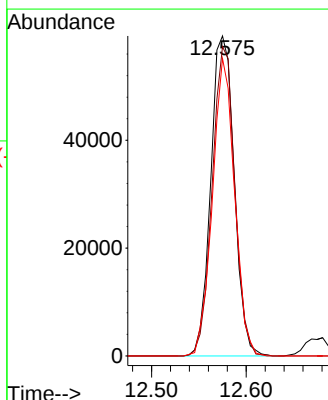
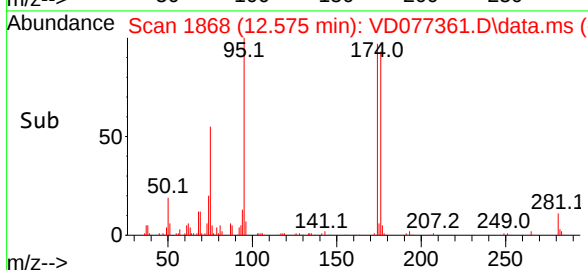
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

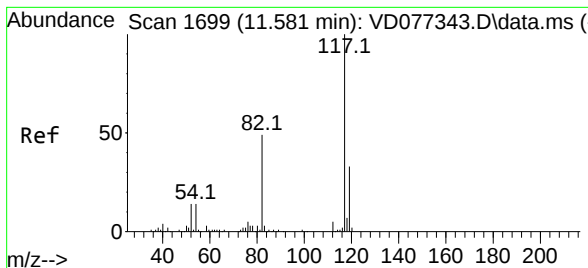


#62
4-Bromofluorobenzene
Concen: 47.190 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



Tgt Ion: 95 Resp: 101722
Ion Ratio Lower Upper
95 100
174 93.6 0.0 201.8
176 88.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

Tgt Ion:117 Resp: 28304

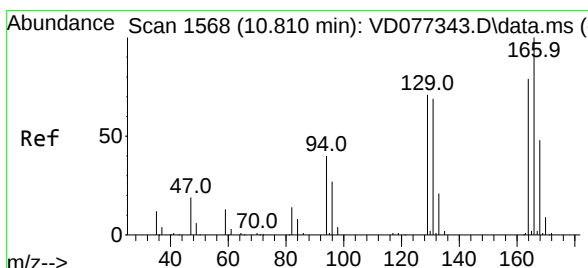
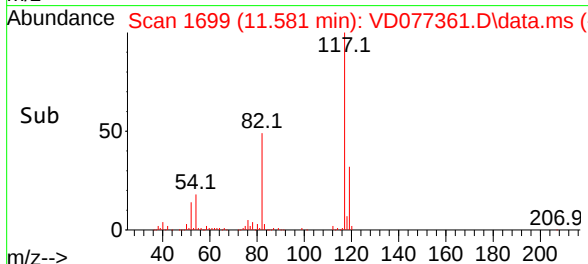
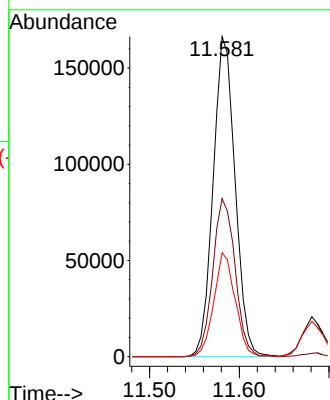
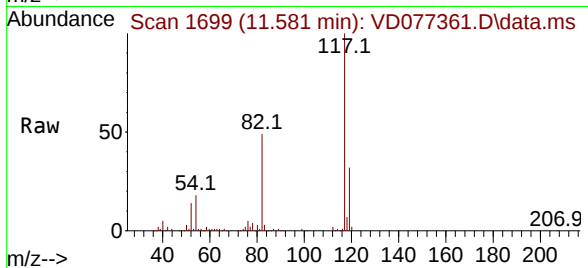
Ion	Ratio	Lower	Upper
117	100		
82	49.4	38.3	57.5
119	32.5	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#64

Tetrachloroethene

Concen: 18.729 ug/l

RT: 10.810 min Scan# 1568

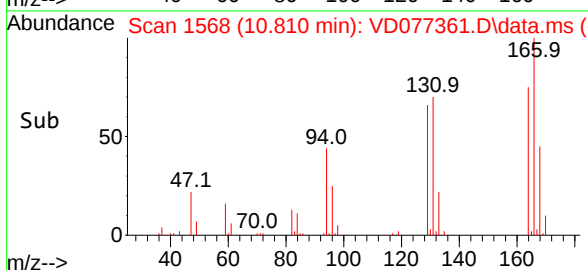
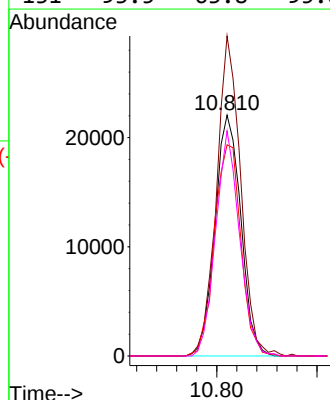
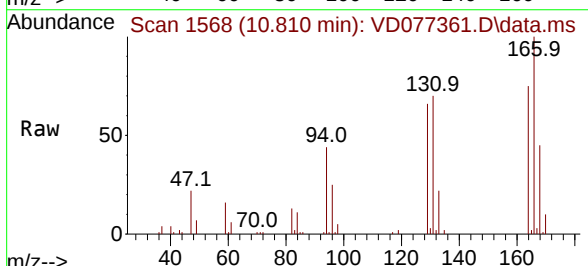
Delta R.T. 0.000 min

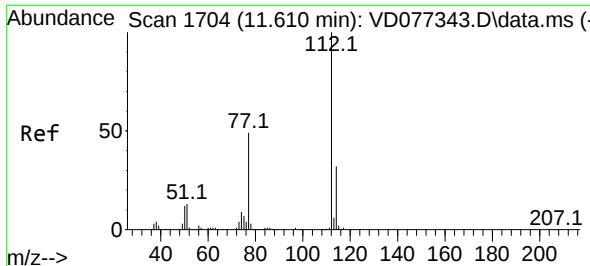
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:164 Resp: 39402

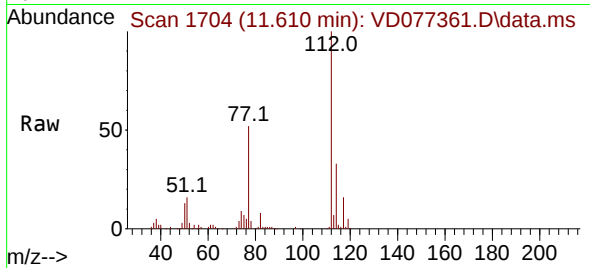
Ion	Ratio	Lower	Upper
164	100		
166	132.9	99.2	148.8
129	87.7	68.4	102.6
131	93.5	63.8	95.8





#65
Chlorobenzene
Concen: 19.524 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

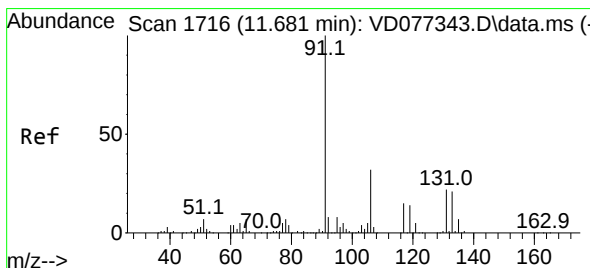
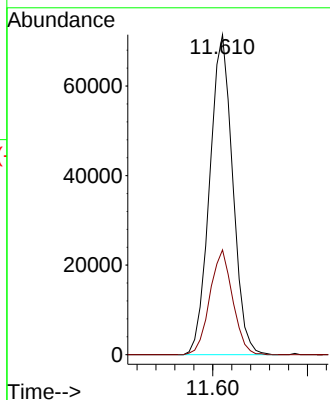
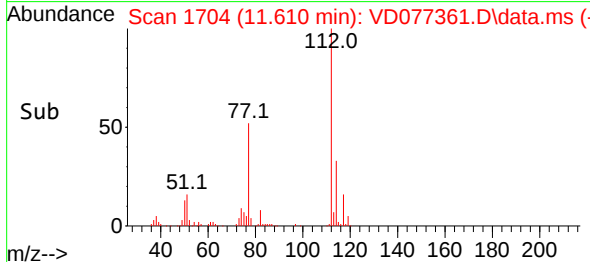
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion:112 Resp: 120458
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7

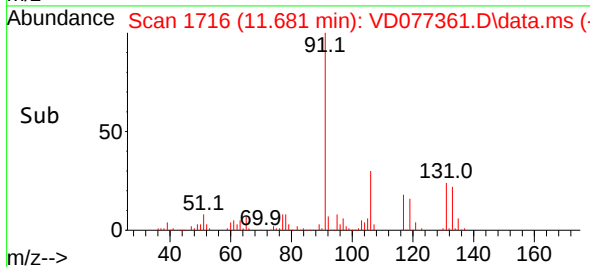
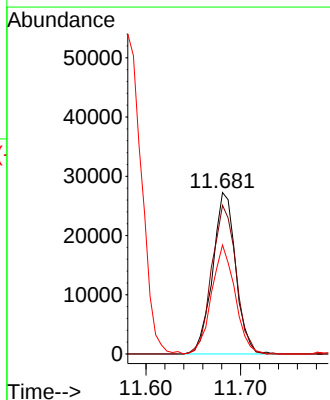
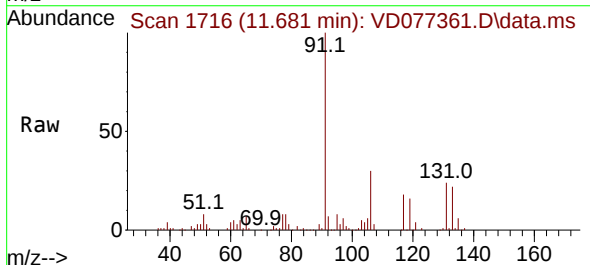
Manual Integrations
APPROVED

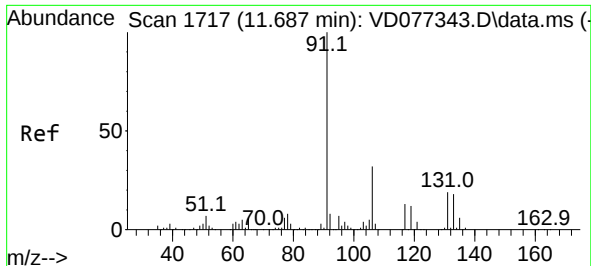
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.660 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:131 Resp: 46108
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.5
119 68.6 35.6 106.9





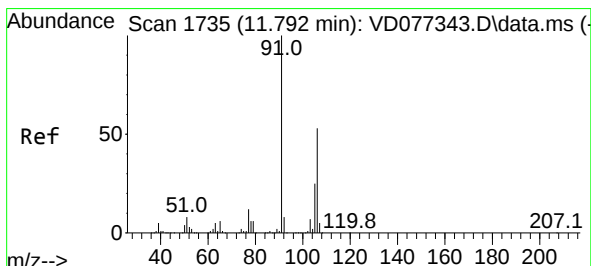
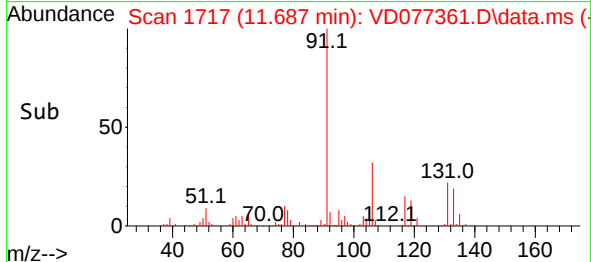
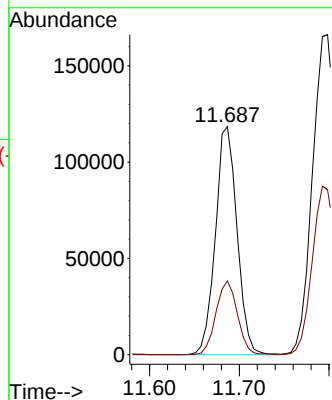
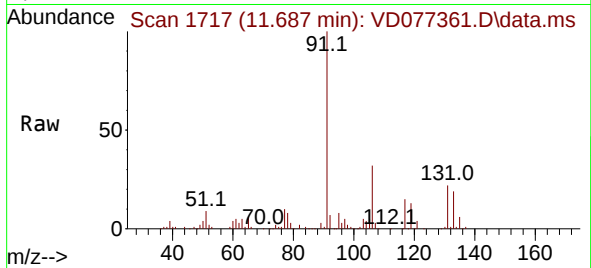
#67
Ethyl Benzene
Concen: 19.373 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 91 Resp: 198134
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7

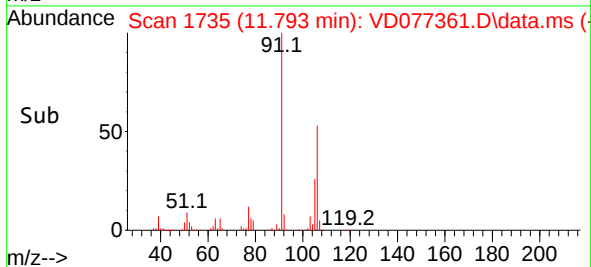
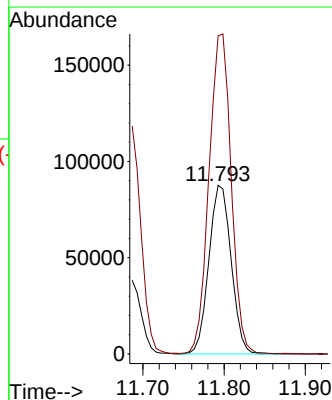
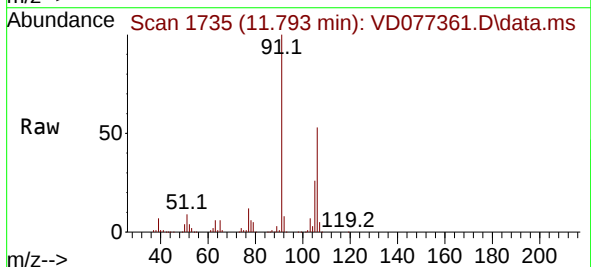
Manual Integrations
APPROVED

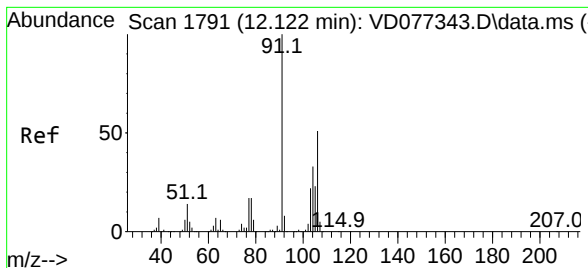
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#68
m/p-Xylenes
Concen: 39.680 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:106 Resp: 166642
Ion Ratio Lower Upper
106 100
91 188.9 147.0 220.6





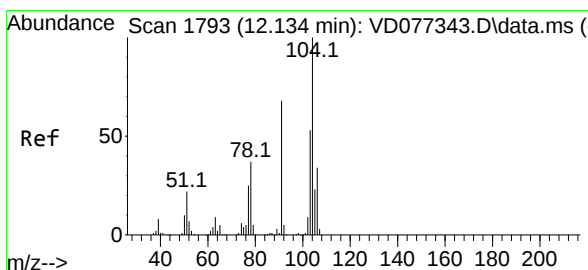
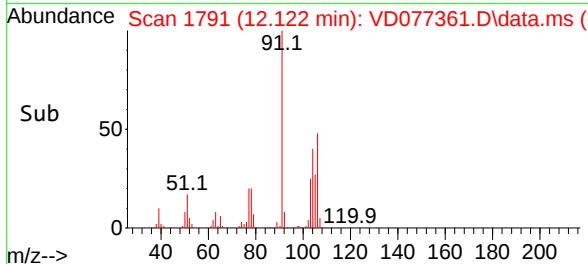
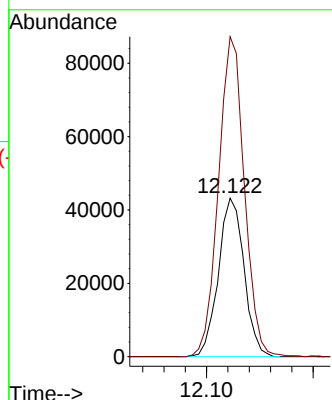
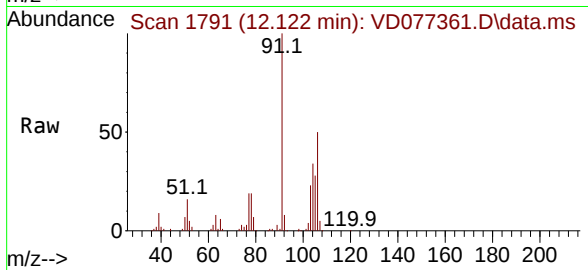
#69
o-Xylene
Concen: 18.652 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:106 Resp: 72110
Ion Ratio Lower Upper
106 100
91 203.9 97.9 293.6

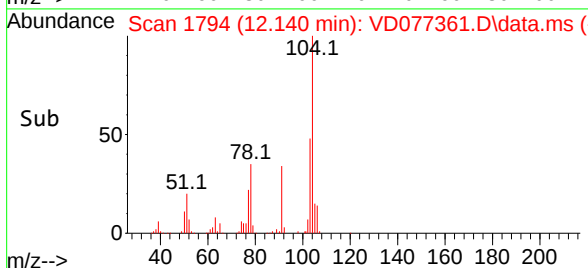
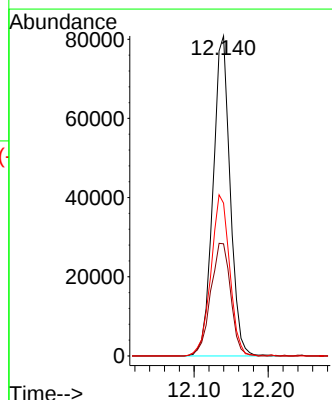
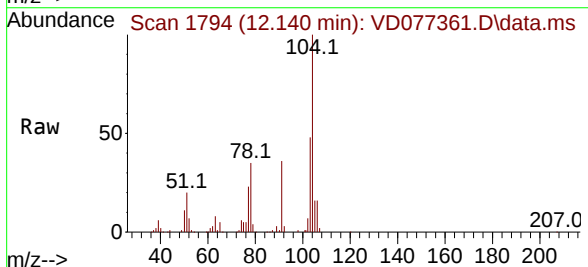
Manual Integrations
APPROVED

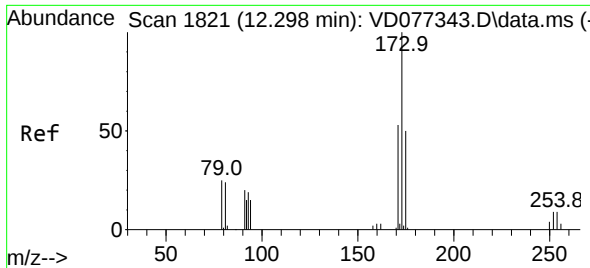
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#70
Styrene
Concen: 19.640 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

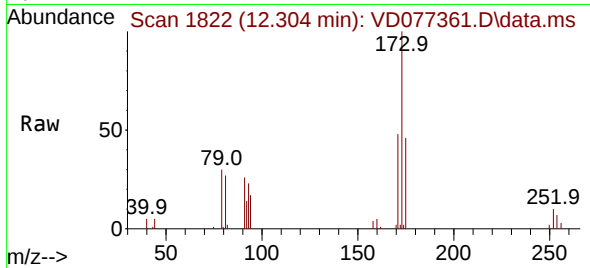
Tgt Ion:104 Resp: 129549
Ion Ratio Lower Upper
104 100
78 41.2 33.2 49.8
103 55.1 43.6 65.4





#71
Bromoform
Concen: 18.893 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

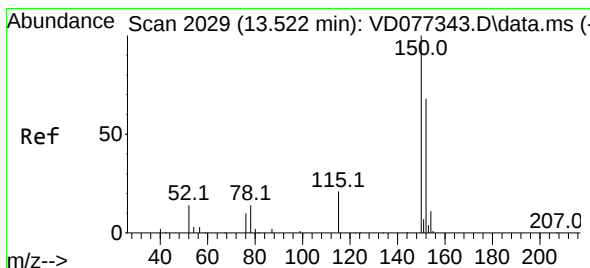
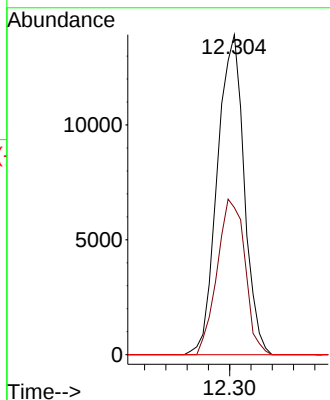
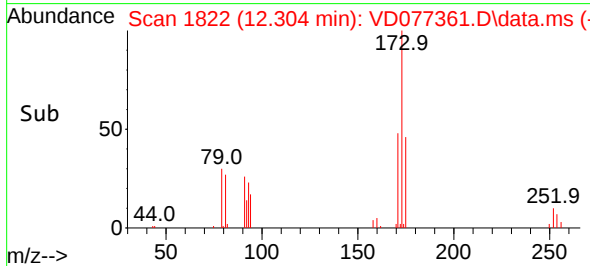
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion:173 Resp: 24289
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0

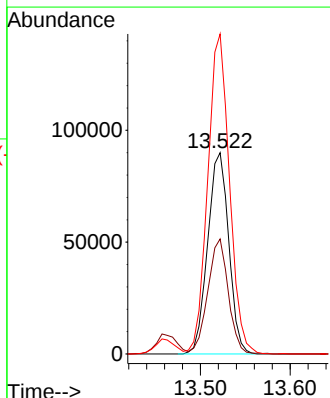
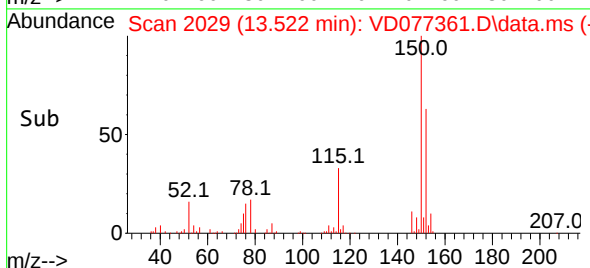
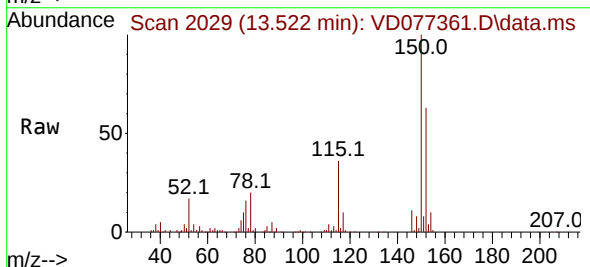
Manual Integrations
APPROVED

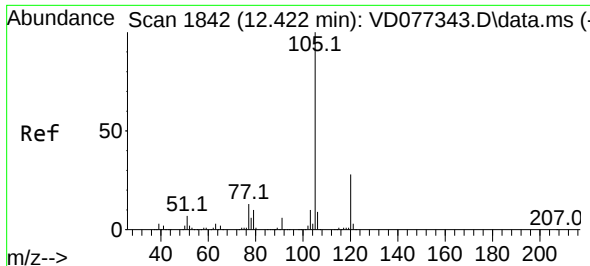
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

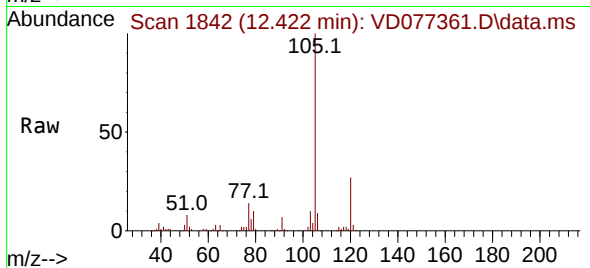
Tgt Ion:152 Resp: 146819
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 163.8 0.0 353.6





#73
Isopropylbenzene
Concen: 19.279 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

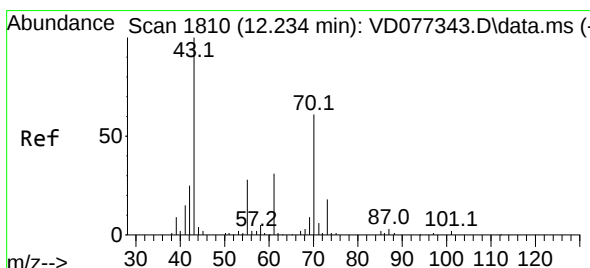
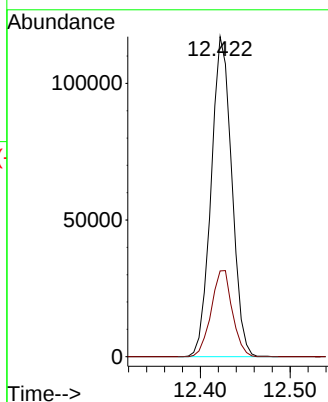
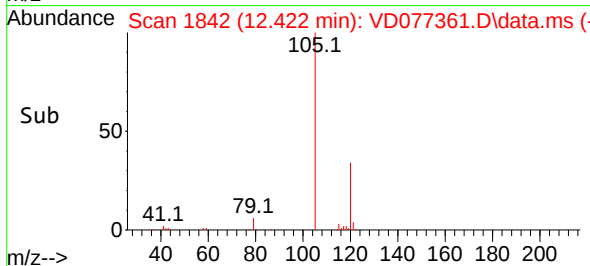
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



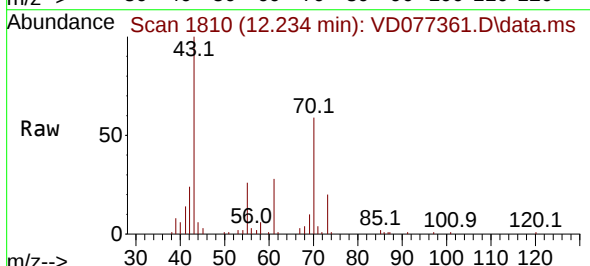
Tgt Ion:105 Resp: 18722
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9

Manual Integrations
APPROVED

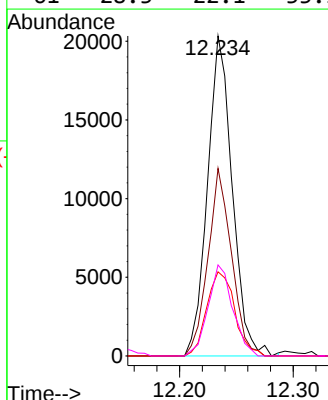
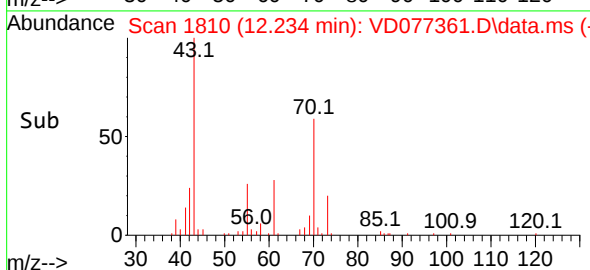
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

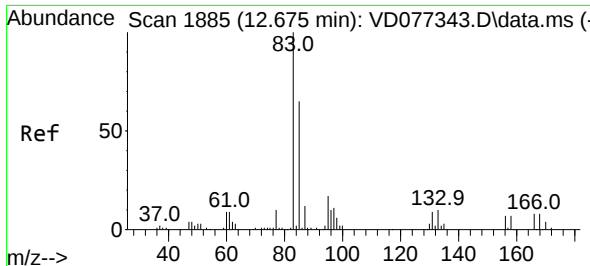


#74
N-ethyl acetate
Concen: 22.067 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



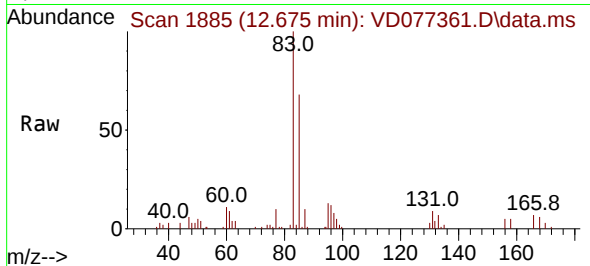
Tgt Ion: 43 Resp: 30829
Ion Ratio Lower Upper
43 100
70 55.7 45.0 67.4
55 29.6 23.8 35.6
61 28.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 22.524 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

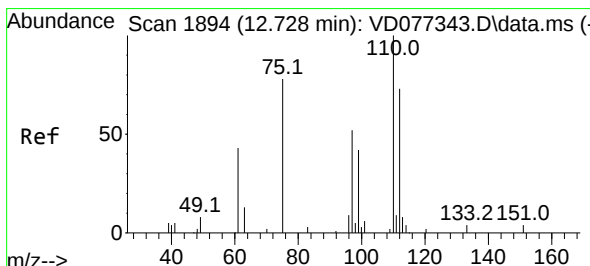
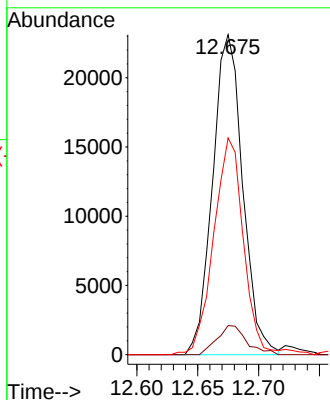
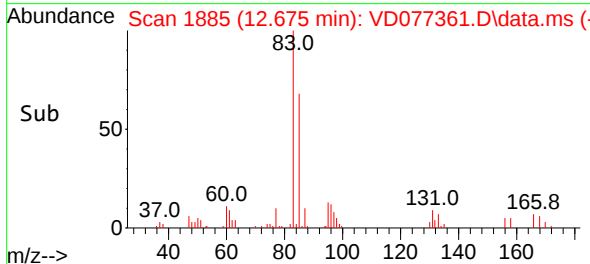
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



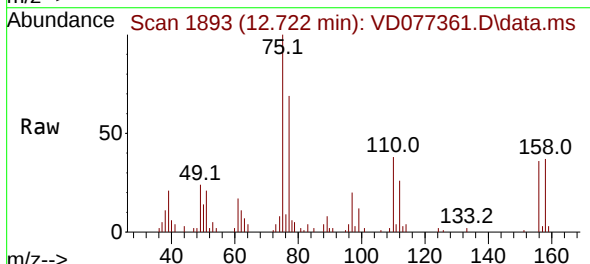
Tgt Ion: 83 Resp: 39748
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 67.5 32.6 97.8

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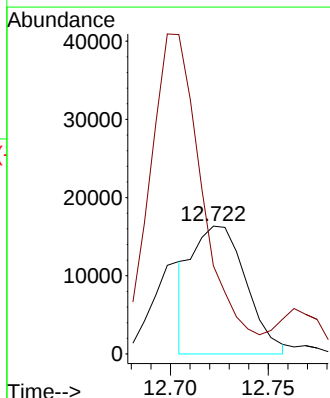
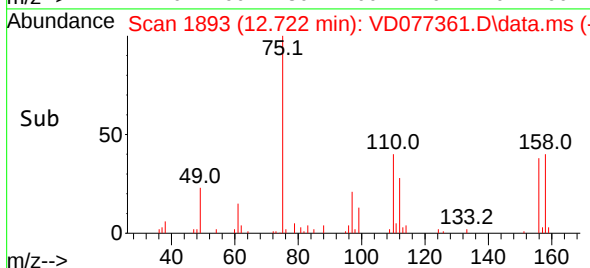
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023

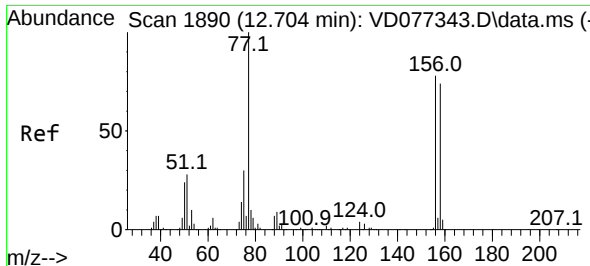


#76
1,2,3-Trichloropropane
Concen: 17.628 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



Tgt Ion: 75 Resp: 31397
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





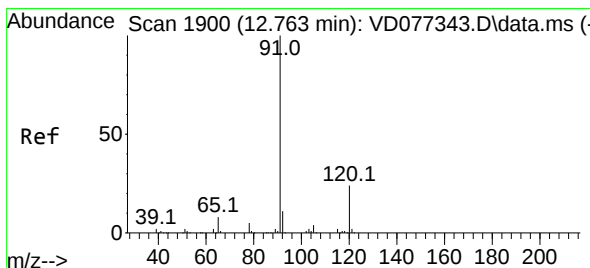
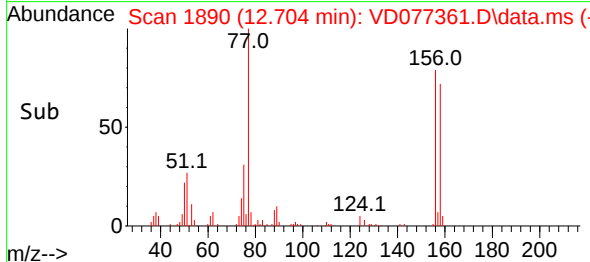
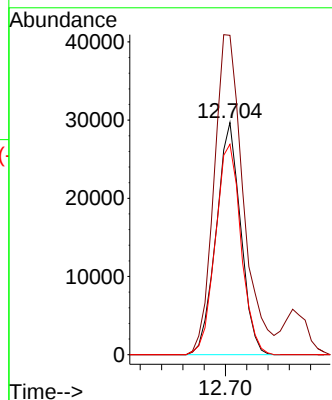
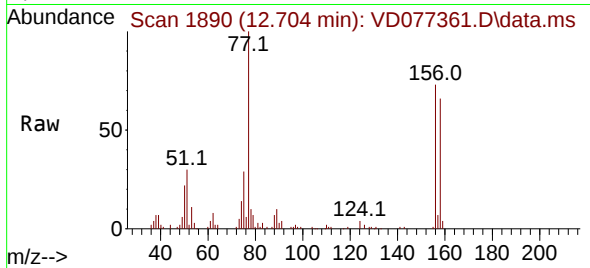
#77
Bromobenzene
Concen: 18.594 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:156 Resp: 4740
Ion Ratio Lower Upper
156 100
77 164.4 76.8 230.4
158 95.1 48.6 145.9

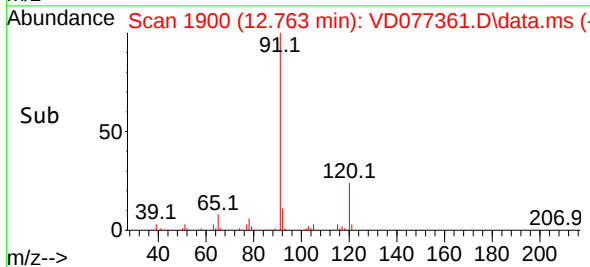
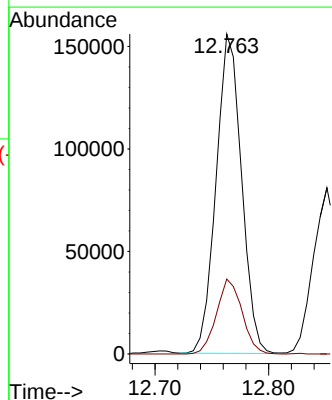
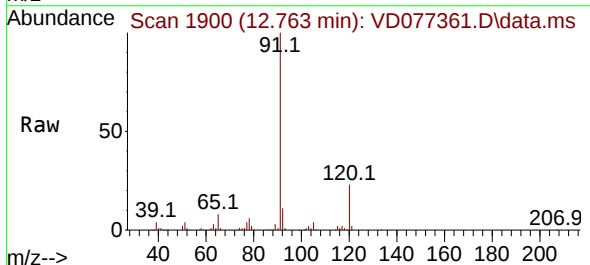
Manual Integrations
APPROVED

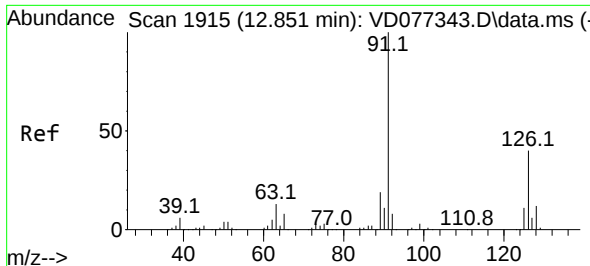
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#78
n-propylbenzene
Concen: 20.702 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 91 Resp: 242121
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2





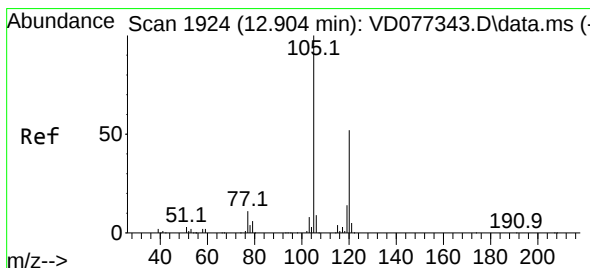
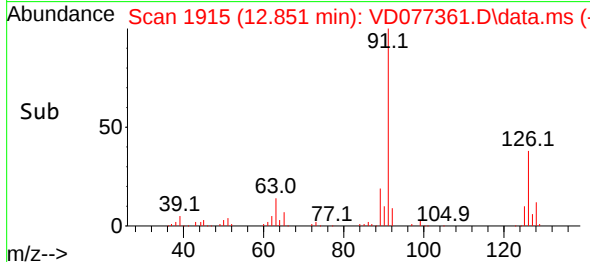
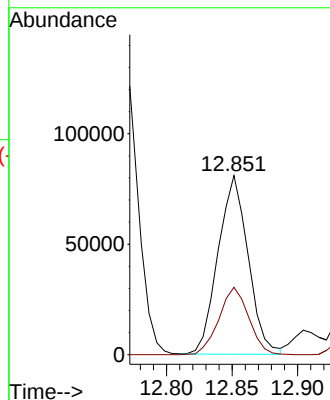
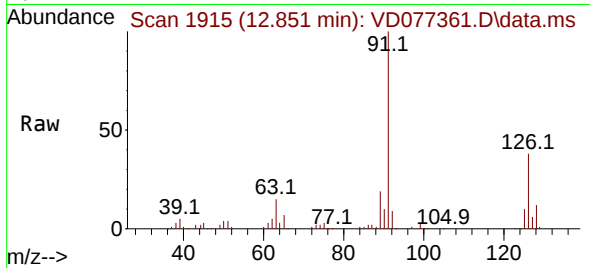
#79
2-Chlorotoluene
Concen: 20.288 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 91 Resp: 12924
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1

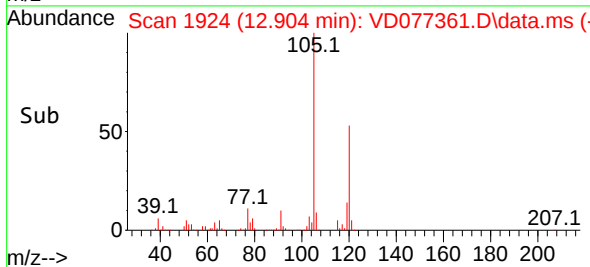
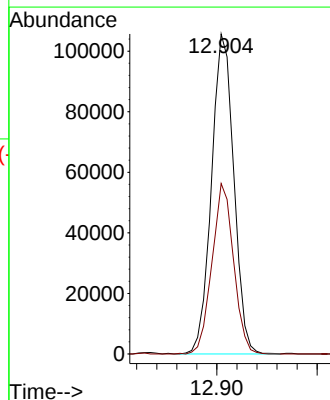
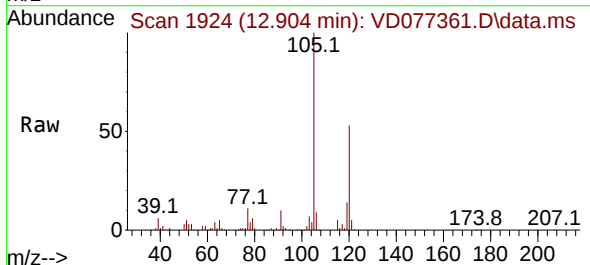
Manual Integrations
APPROVED

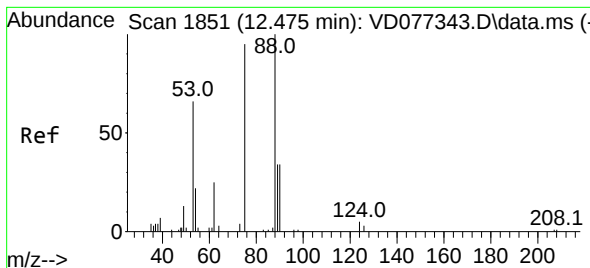
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.353 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

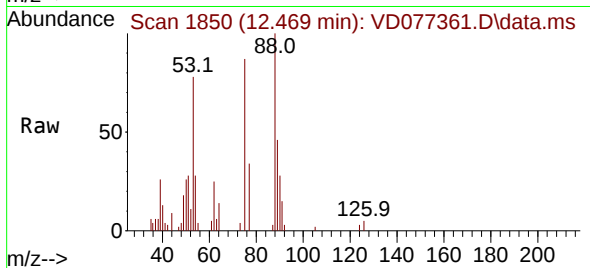
Tgt Ion:105 Resp: 163108
Ion Ratio Lower Upper
105 100
120 51.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 21.353 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

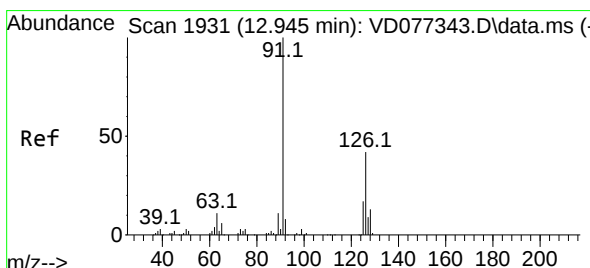
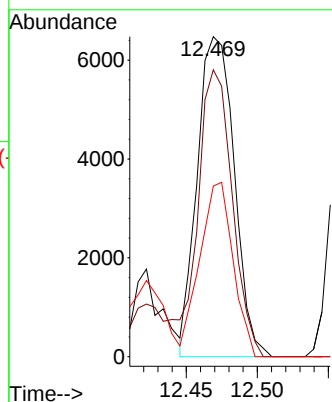
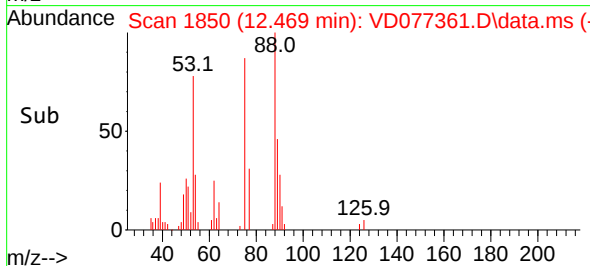
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



Tgt Ion: 75 Resp: 11700
Ion Ratio Lower Upper
75 100
53 81.5 63.0 94.4
89 49.2 37.9 56.9

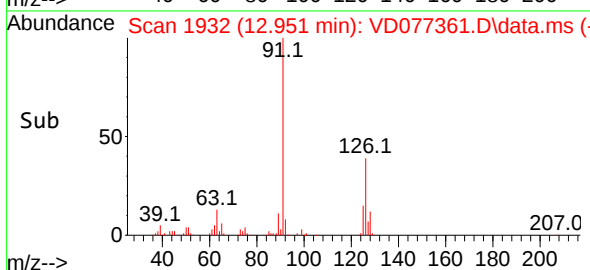
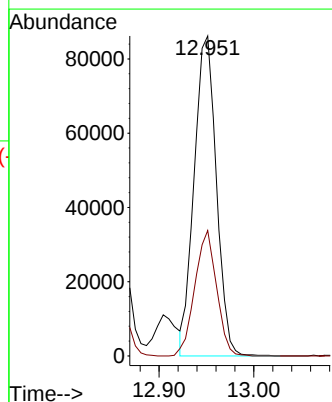
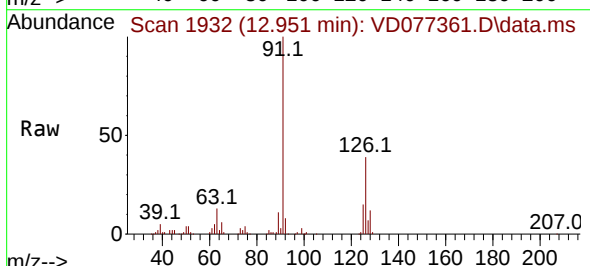
Manual Integrations
APPROVED

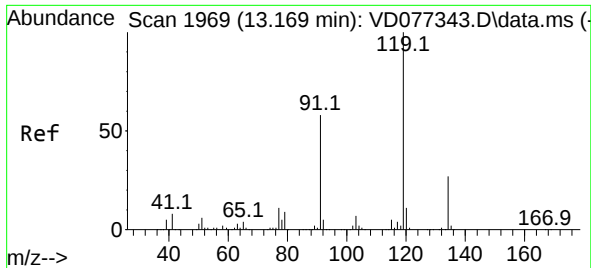
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#82
4-Chlorotoluene
Concen: 21.156 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 91 Resp: 140309
Ion Ratio Lower Upper
91 100
126 38.5 19.4 58.4





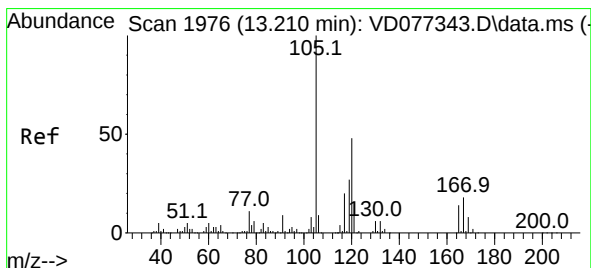
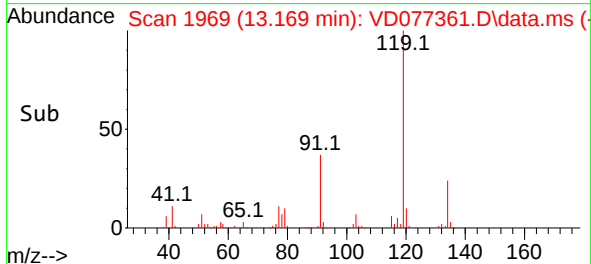
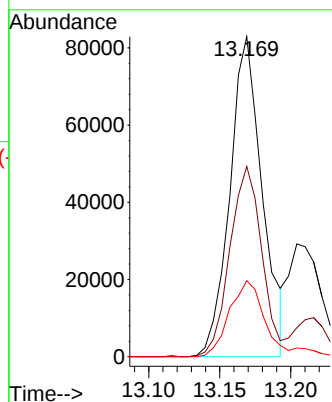
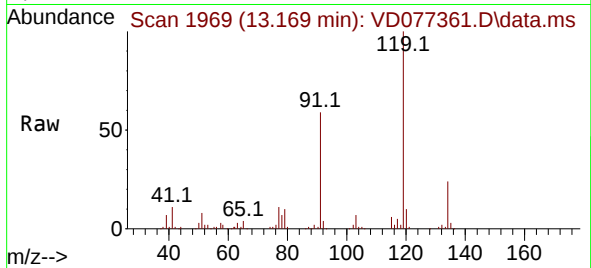
#83
tert-Butylbenzene
Concen: 18.520 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:119 Resp: 13158
Ion Ratio Lower Upper
119 100
91 58.3 29.3 87.8
134 27.1 14.1 42.3

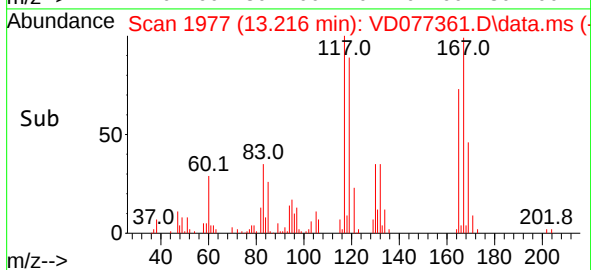
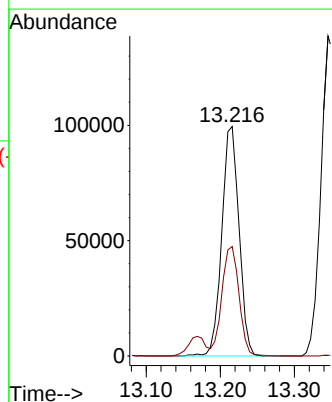
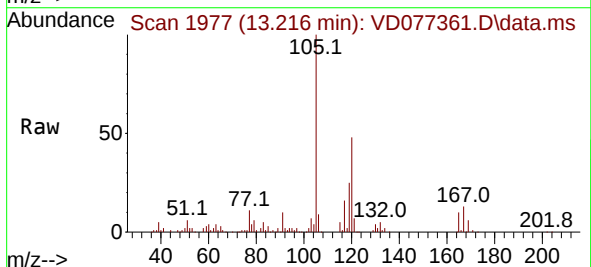
Manual Integrations
APPROVED

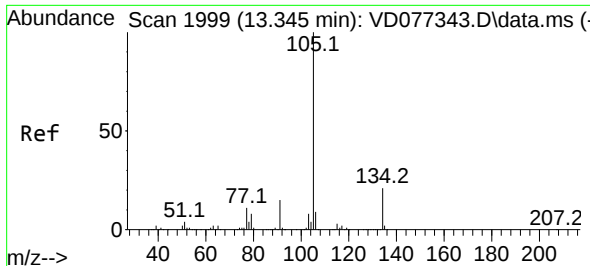
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.918 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:105 Resp: 160710
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9





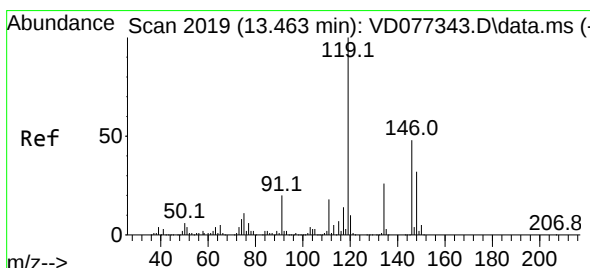
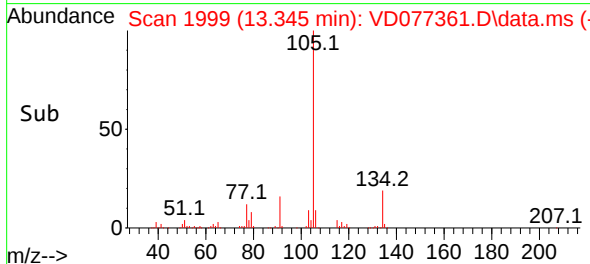
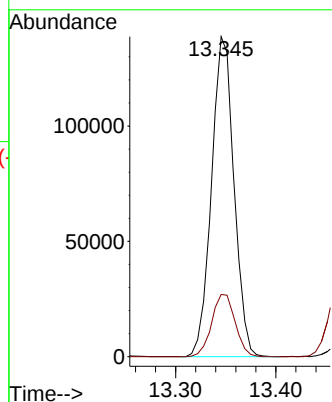
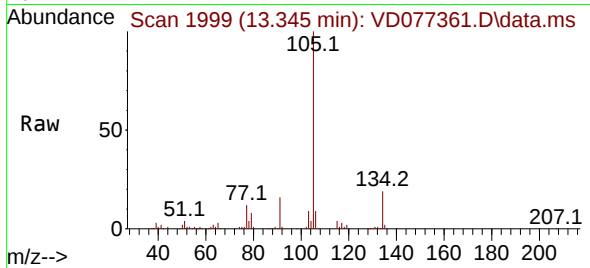
#85
 sec-Butylbenzene
 Concen: 20.191 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01

Tgt Ion:105 Resp: 215874
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9

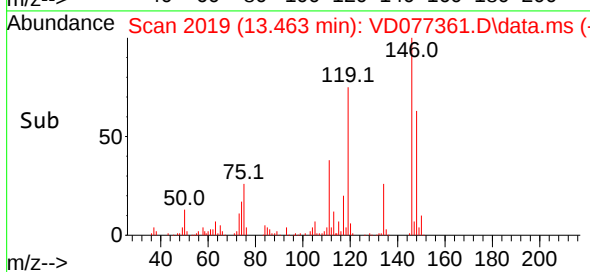
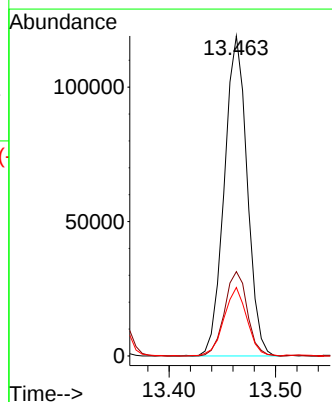
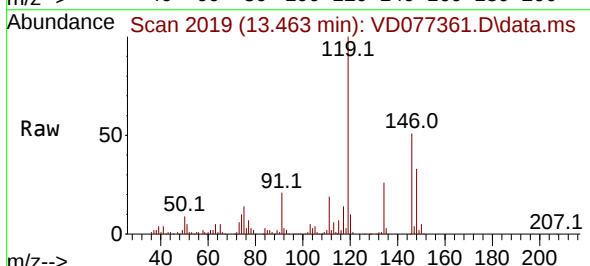
Manual Integrations
 APPROVED

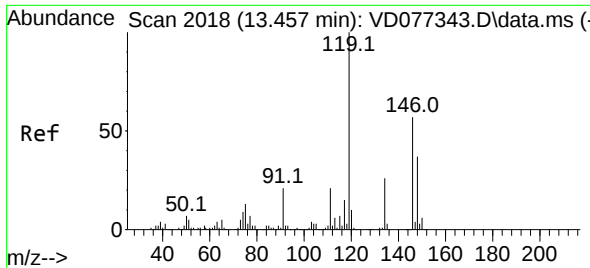
Reviewed By :John Carlone 10/23/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#86
 p-Isopropyltoluene
 Concen: 19.046 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Tgt Ion:119 Resp: 176909
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 21.6 10.5 31.5





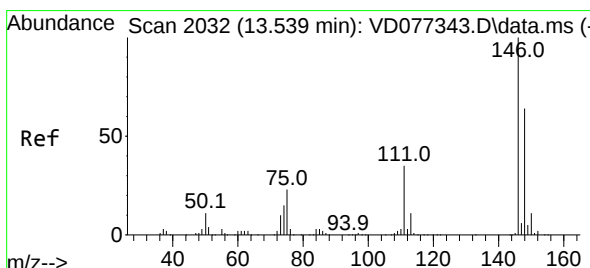
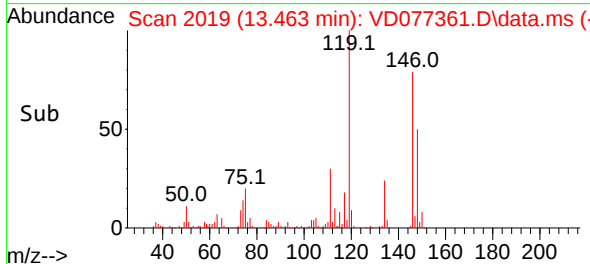
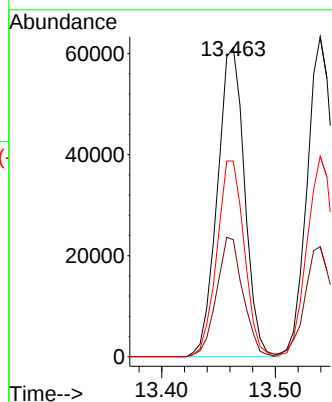
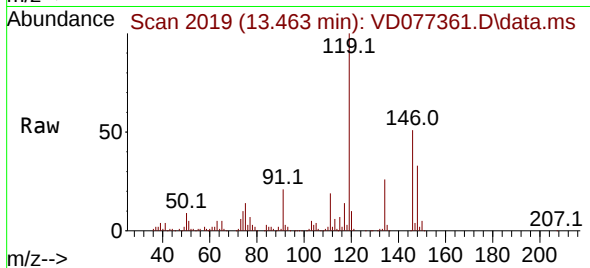
#87
1,3-Dichlorobenzene
Concen: 18.998 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:146 Resp: 101934
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 63.4 32.3 96.8

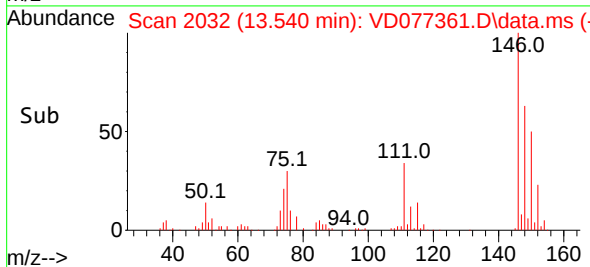
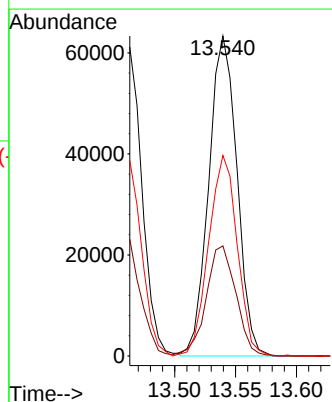
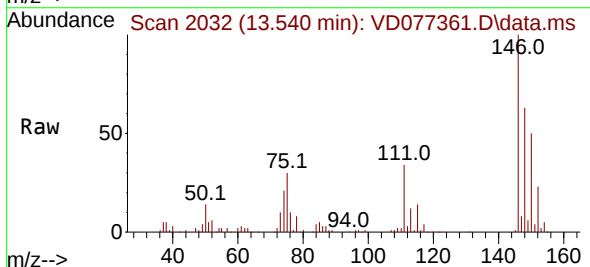
Manual Integrations
APPROVED

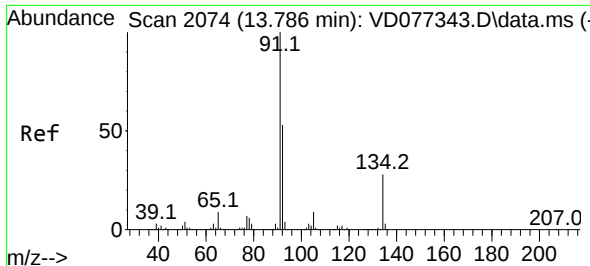
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#88
1,4-Dichlorobenzene
Concen: 19.205 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:146 Resp: 102113
Ion Ratio Lower Upper
146 100
111 36.2 17.4 52.3
148 63.5 31.7 95.1





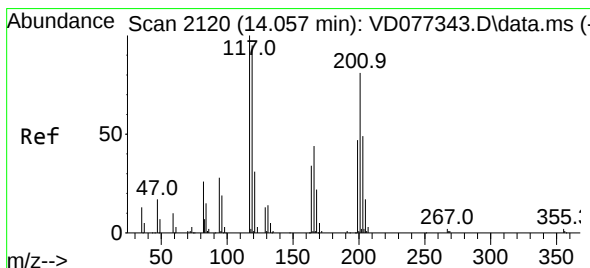
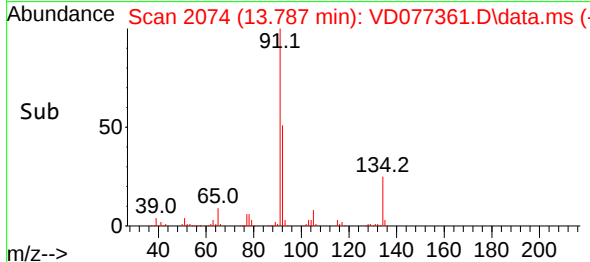
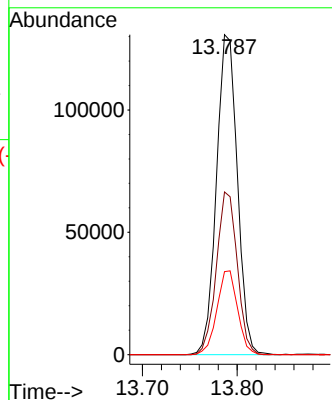
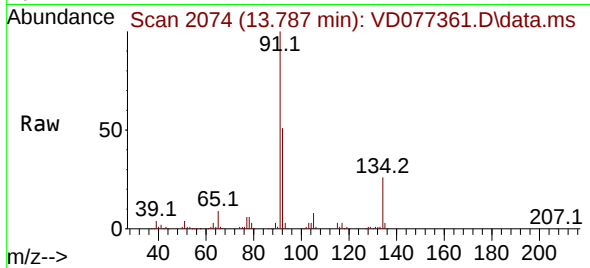
#89
n-Butylbenzene
Concen: 24.787 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion: 91 Resp: 200470
Ion Ratio Lower Upper
91 100
92 50.8 26.5 79.5
134 26.0 13.8 41.3

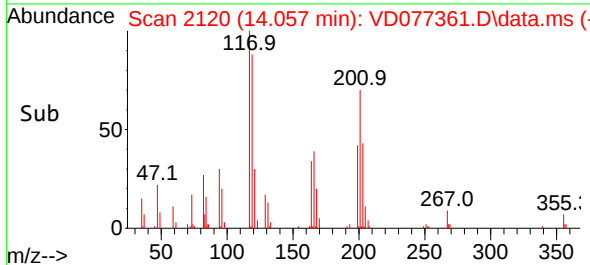
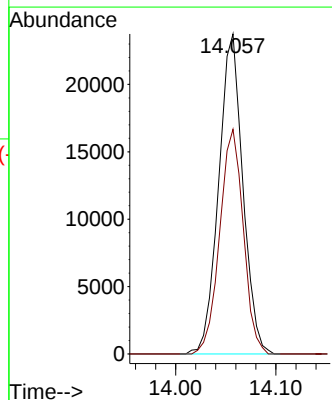
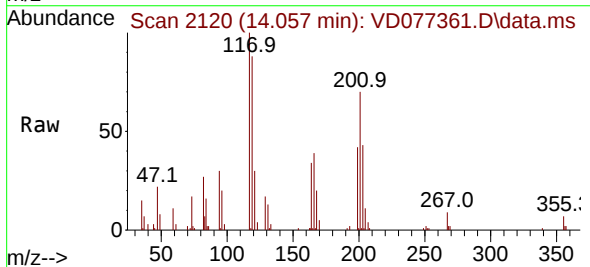
Manual Integrations
APPROVED

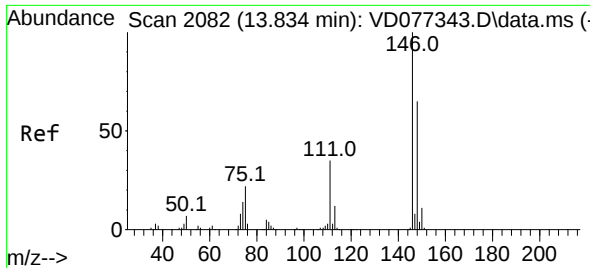
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#90
Hexachloroethane
Concen: 21.142 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:117 Resp: 39694
Ion Ratio Lower Upper
117 100
201 68.6 38.5 115.5





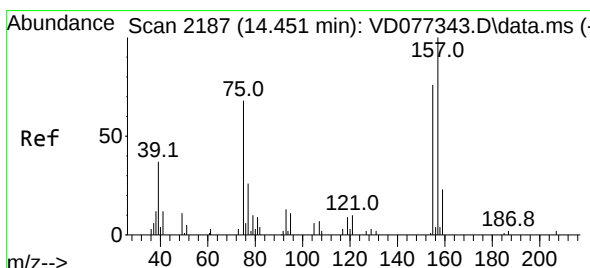
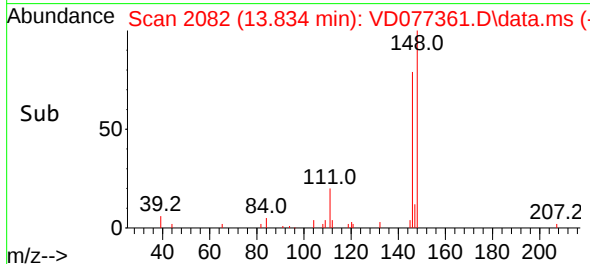
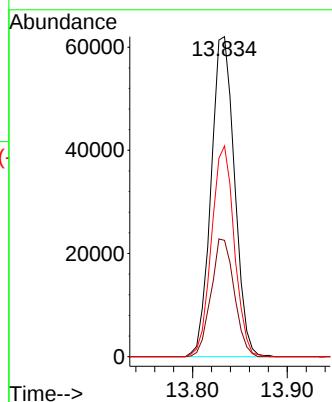
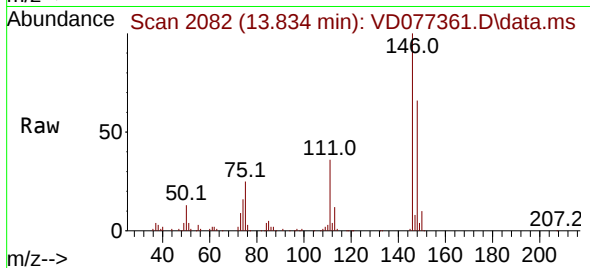
#91
1,2-Dichlorobenzene
Concen: 23.589 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

Tgt Ion:146 Resp: 10691
Ion Ratio Lower Upper
146 100
111 36.4 18.3 54.8
148 64.0 31.6 94.7

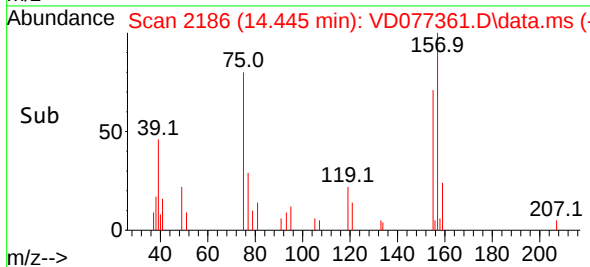
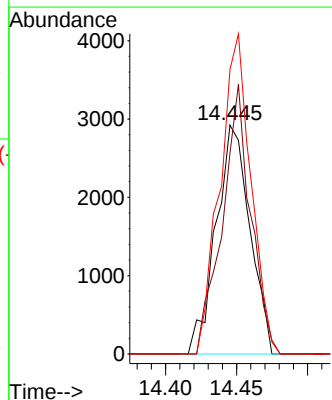
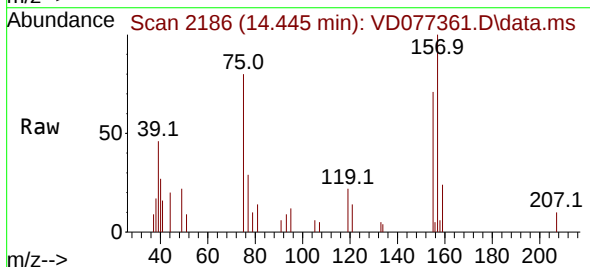
Manual Integrations
APPROVED

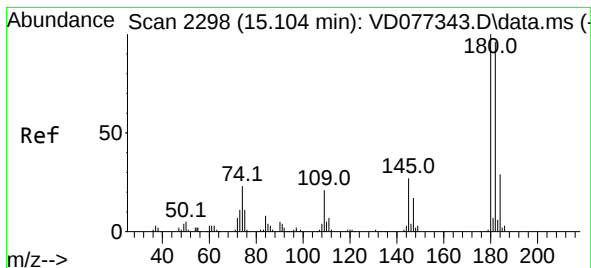
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.408 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 75 Resp: 4840
Ion Ratio Lower Upper
75 100
155 98.7 47.9 143.8
157 128.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 16.797 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

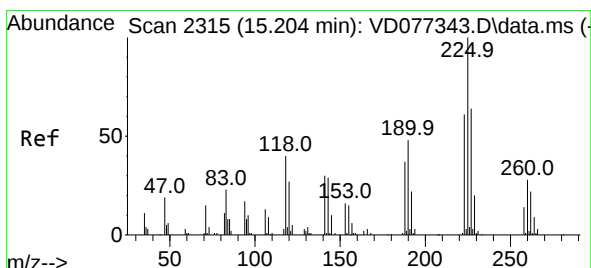
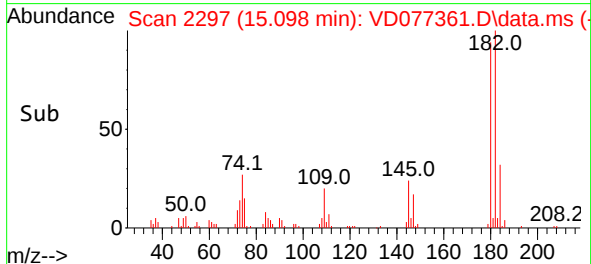
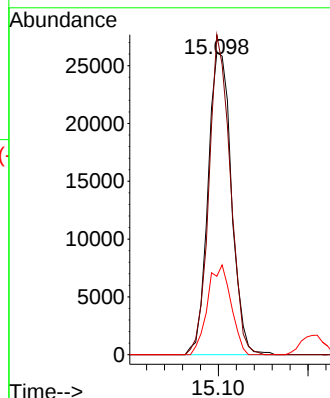
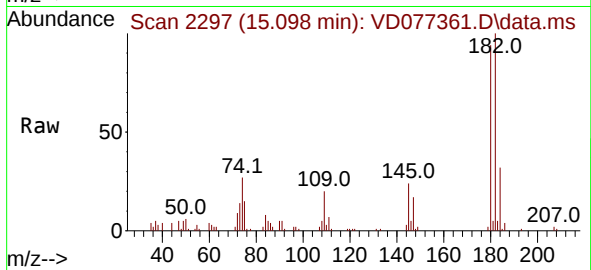
Tgt Ion:180	Resp:	47434
Ion Ratio	Lower	Upper
180	100	
182	96.3	48.5 145.6
145	29.8	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#94

Hexachlorobutadiene

Concen: 16.431 ug/l

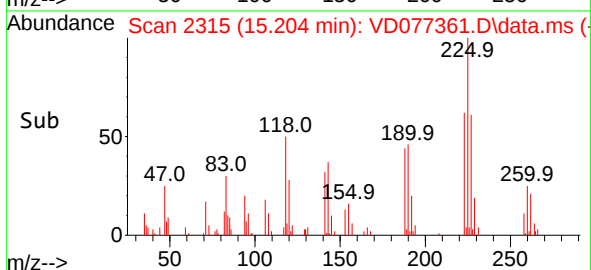
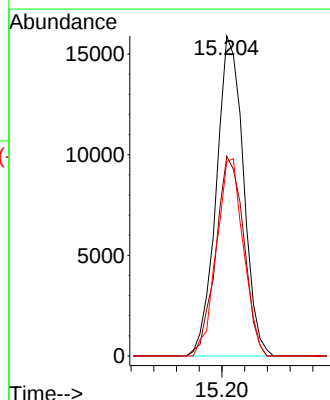
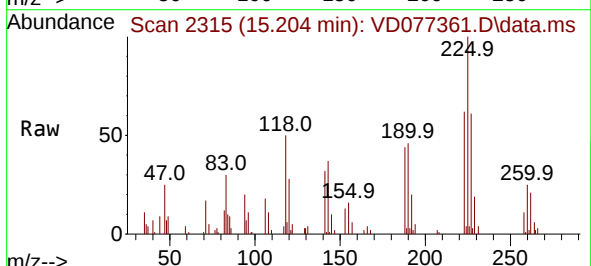
RT: 15.204 min Scan# 2315

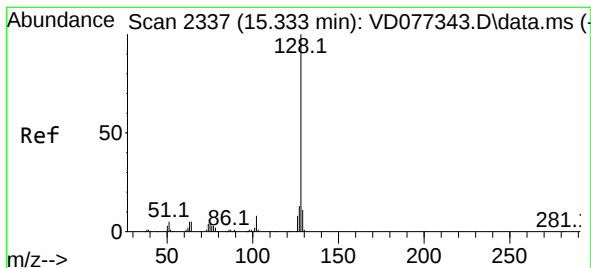
Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:225	Resp:	26352
Ion Ratio	Lower	Upper
225	100	
223	64.3	31.6 94.8
227	61.4	31.7 95.1





#95

Naphthalene

Concen: 17.105 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBS01

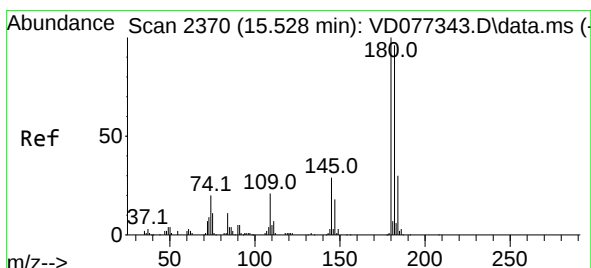
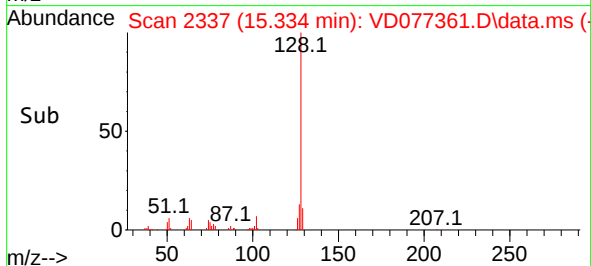
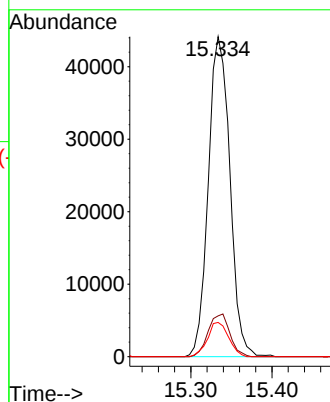
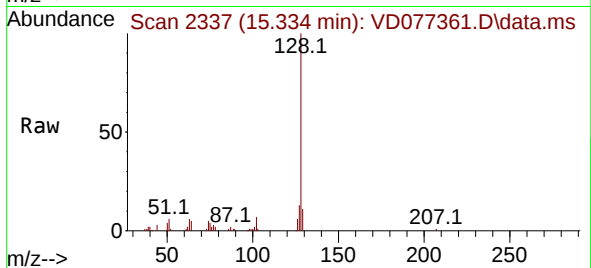
Tgt Ion:128	Resp:	8155
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.5 15.7
129	10.7	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.800 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:180	Resp:	41180
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.3 141.9
145	30.6	15.1 45.3

