

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077447.D
 Acq On : 30 Oct 2023 15:01
 Operator : JC/SY
 Sample : VD1030SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBS01

Quant Time: Oct 31 04:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	320816	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	565401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	497862	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	227235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	228626	50.397	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.800%			
35) Dibromofluoromethane	7.804	113	201534	51.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.269	98	794660	52.353	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.575	95	263076	51.458	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	53365	20.629	ug/l	97
3) Chloromethane	2.146	50	75452	18.372	ug/l	98
4) Vinyl Chloride	2.281	62	77237	19.286	ug/l	99
5) Bromomethane	2.687	94	39135	18.648	ug/l	97
6) Chloroethane	2.834	64	51163	18.975	ug/l	# 88
7) Trichlorofluoromethane	3.175	101	109478	19.520	ug/l	97
8) Diethyl Ether	3.593	74	38169	18.933	ug/l	# 55
9) 1,1,2-Trichlorotrifluo...	3.969	101	67497	19.935	ug/l	93
10) Methyl Iodide	4.163	142	66583	17.739	ug/l	# 90
11) Tert butyl alcohol	5.052	59	40561	112.873	ug/l	# 90
12) 1,1-Dichloroethene	3.940	96	61447	19.170	ug/l	# 62
13) Acrolein	3.799	56	48215	101.746	ug/l	98
14) Allyl chloride	4.563	41	149676	19.356	ug/l	# 82
15) Acrylonitrile	5.257	53	105694	96.984	ug/l	96
16) Acetone	4.022	43	120806	100.637	ug/l	# 78
17) Carbon Disulfide	4.269	76	128190	15.748	ug/l	96
18) Methyl Acetate	4.563	43	88242	20.153	ug/l	# 74
19) Methyl tert-butyl Ether	5.316	73	201334	20.010	ug/l	98
20) Methylene Chloride	4.799	84	123538	26.226	ug/l	# 59
21) trans-1,2-Dichloroethene	5.310	96	67896	18.188	ug/l	# 65
22) Diisopropyl ether	6.216	45	322119	19.600	ug/l	# 88
23) Vinyl Acetate	6.152	43	664567m	93.731	ug/l	
24) 1,1-Dichloroethane	6.110	63	165677	19.428	ug/l	96
25) 2-Butanone	7.081	43	161574	100.910	ug/l	# 72
26) 2,2-Dichloropropane	7.075	77	150397	19.901	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	90049	19.471	ug/l	69
28) Bromochloromethane	7.428	49	57605	16.378	ug/l	# 53
29) Tetrahydrofuran	7.446	42	92062	96.945	ug/l	# 70
30) Chloroform	7.593	83	157087	19.729	ug/l	95
31) Cyclohexane	7.875	56	133192	18.782	ug/l	# 80
32) 1,1,1-Trichloroethane	7.793	97	129299	19.709	ug/l	96
36) 1,1-Dichloropropene	8.004	75	112308	19.384	ug/l	92
37) Ethyl Acetate	7.169	43	65515	19.703	ug/l	# 90
38) Carbon Tetrachloride	7.987	117	106344	19.478	ug/l	95
39) Methylcyclohexane	9.269	83	121437	18.369	ug/l	# 77
40) Benzene	8.251	78	318703	19.290	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43484	20.438	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	102967	19.677	ug/l	91
43) Isopropyl Acetate	8.357	43	135737	19.782	ug/l #	81
44) Trichloroethene	9.028	130	74930	18.515	ug/l	72
45) 1,2-Dichloropropane	9.304	63	97563	20.058	ug/l	95
46) Dibromomethane	9.393	93	43817	18.719	ug/l	91
47) Bromodichloromethane	9.587	83	121539	19.644	ug/l	99
48) Methyl methacrylate	9.381	41	61552	18.792	ug/l #	65
49) 1,4-Dioxane	9.381	88	9820	390.416	ug/l #	59
51) 4-Methyl-2-Pentanone	10.157	43	337322	99.875	ug/l #	81
52) Toluene	10.334	92	193633	19.225	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	130818	19.968	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	149913	19.885	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	62332	19.959	ug/l	95
56) Ethyl methacrylate	10.598	69	91891	19.790	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	117242	20.085	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	205527	88.413	ug/l #	84
59) 2-Hexanone	10.922	43	255994	102.889	ug/l	77
60) Dibromochloromethane	11.075	129	73864	19.669	ug/l	99
61) 1,2-Dibromoethane	11.181	107	56693	19.169	ug/l	99
64) Tetrachloroethene	10.810	164	59308	18.711	ug/l	91
65) Chlorobenzene	11.610	112	203429	19.504	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	77601	19.688	ug/l	96
67) Ethyl Benzene	11.687	91	401665	20.014	ug/l	93
68) m/p-Xylenes	11.792	106	286662	39.556	ug/l	79
69) o-Xylene	12.122	106	138663	19.976	ug/l	81
70) Styrene	12.134	104	235195	19.640	ug/l #	89
71) Bromoform	12.298	173	44026	20.148	ug/l #	98
73) Isopropylbenzene	12.422	105	372131	20.086	ug/l	95
74) N-amyl acetate	12.234	43	131782	20.082	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	76137	20.965	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	53440m	19.323	ug/l	
77) Bromobenzene	12.704	156	78915	19.352	ug/l	71
78) n-propylbenzene	12.763	91	474241	20.160	ug/l	93
79) 2-Chlorotoluene	12.851	91	265414	19.927	ug/l	86
80) 1,3,5-Trimethylbenzene	12.904	105	307805	19.800	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	28844	20.146	ug/l	85
82) 4-Chlorotoluene	12.945	91	280526	20.220	ug/l	87
83) tert-Butylbenzene	13.169	119	263482	20.159	ug/l	88
84) 1,2,4-Trimethylbenzene	13.210	105	303381	19.646	ug/l	91
85) sec-Butylbenzene	13.345	105	407338	20.369	ug/l	93
86) p-Isopropyltoluene	13.463	119	325013	19.995	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	158356	19.755	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	160097	19.990	ug/l	96
89) n-Butylbenzene	13.786	91	345416	20.445	ug/l	97
90) Hexachloroethane	14.057	117	67418	20.268	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	136159	19.328	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12204	19.947	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	93618	19.344	ug/l	99
94) Hexachlorobutadiene	15.204	225	51222	19.622	ug/l	100
95) Naphthalene	15.333	128	179672	19.462	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	79652	19.067	ug/l	99

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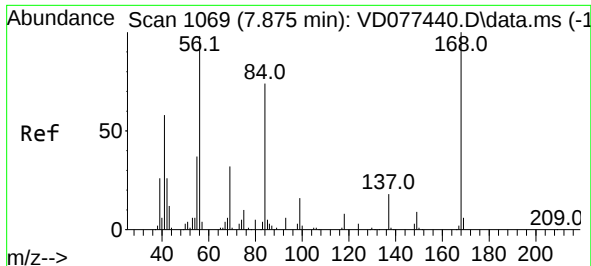
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/31/2023

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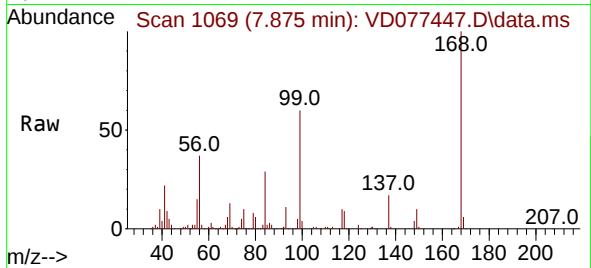
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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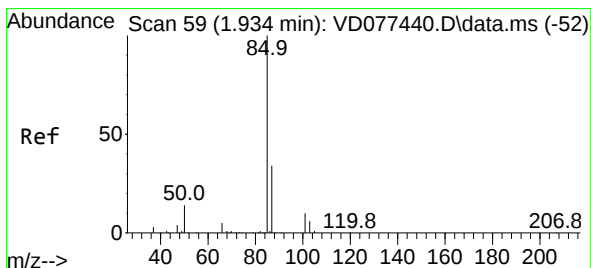
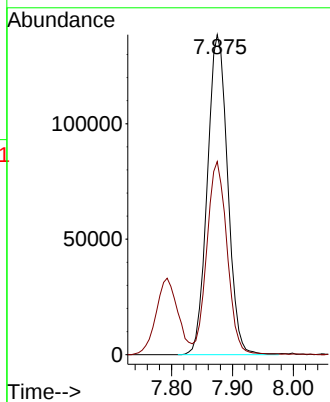
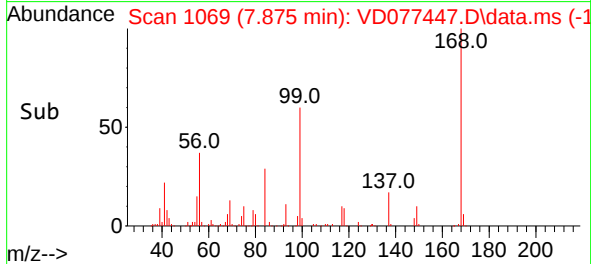
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 168 Resp: 320810
Ion Ratio Lower Upper
168 100
99 60.1 36.7 55.1

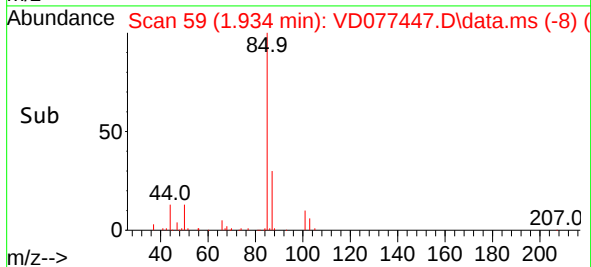
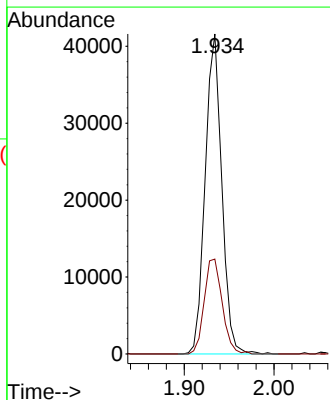
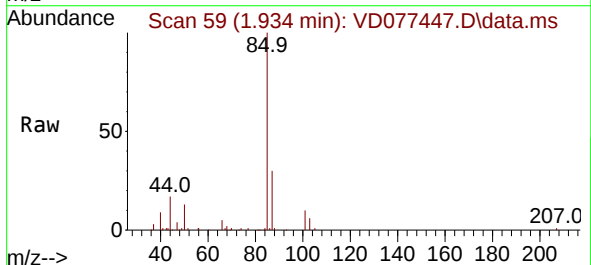
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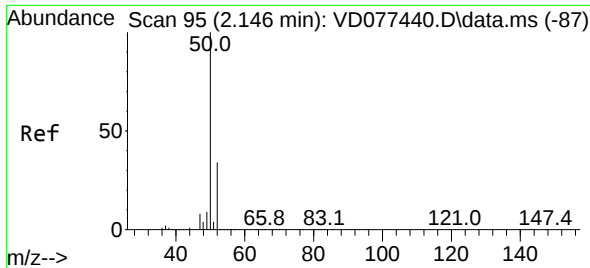
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 20.629 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

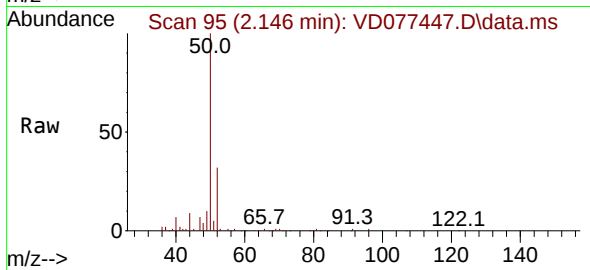
Tgt Ion: 85 Resp: 53365
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.0





#3
Chloromethane
Concen: 18.372 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

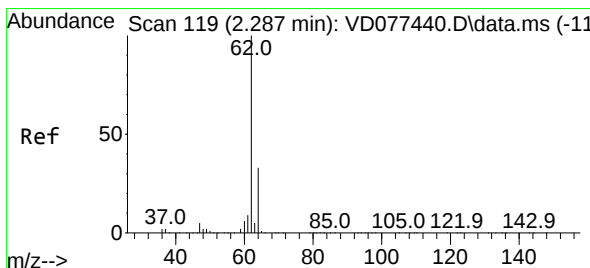
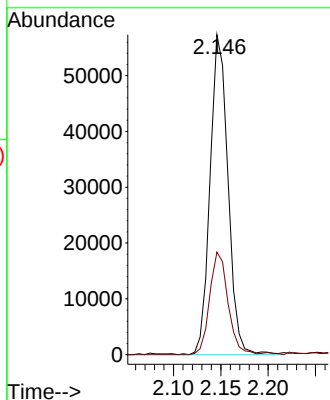
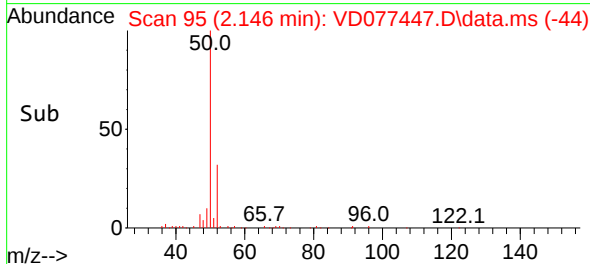
Instrument :
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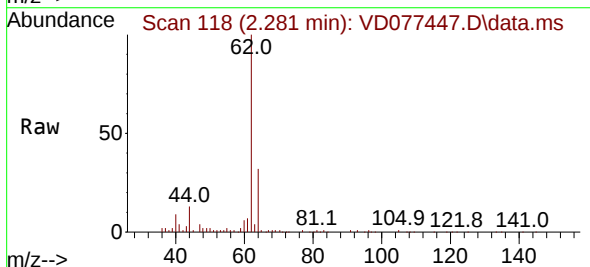
Tgt Ion: 50 Resp: 75452
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

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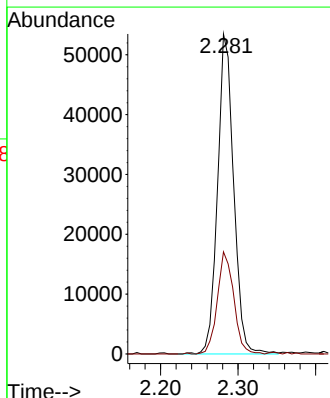
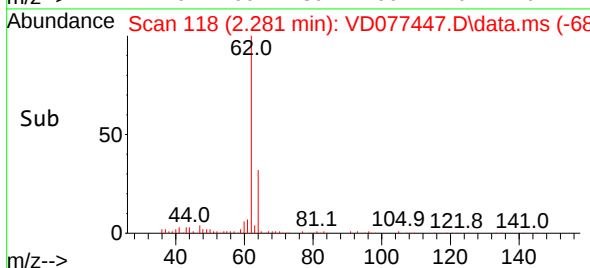
Reviewed By :John Carlone 10/31/2023
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#4
Vinyl Chloride
Concen: 19.286 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



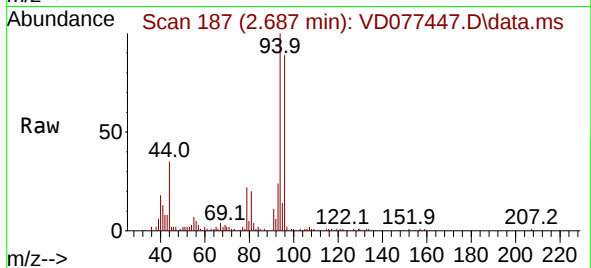
Tgt Ion: 62 Resp: 77237
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 18.648 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

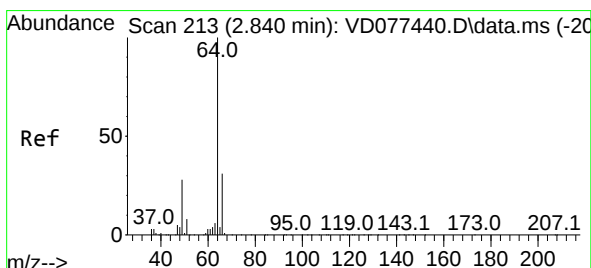
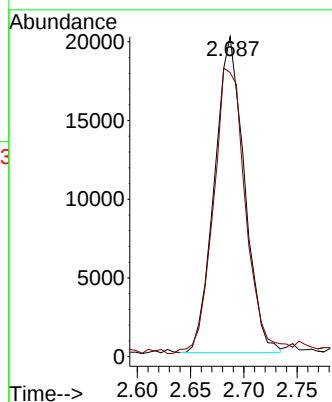
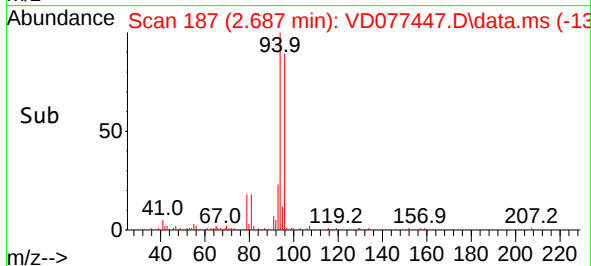
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 3913
Ion Ratio Lower Upper
94 100
96 97.6 75.8 113.8

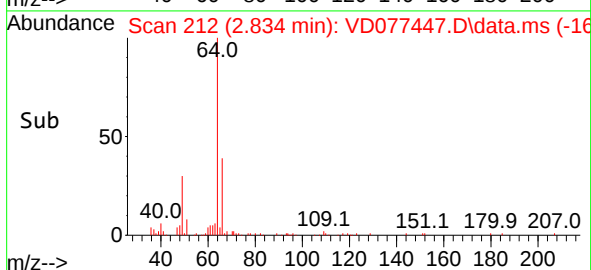
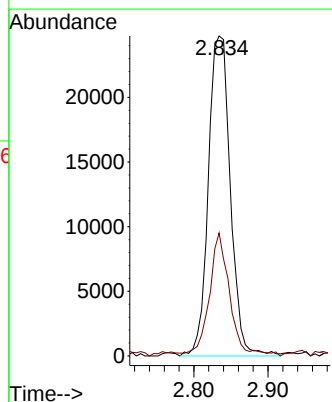
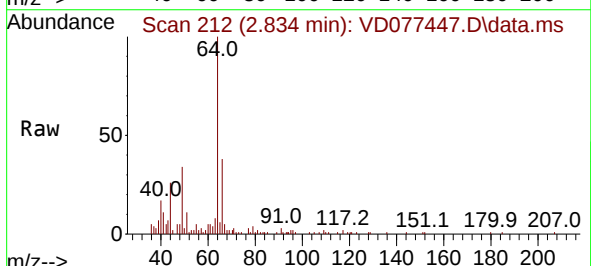
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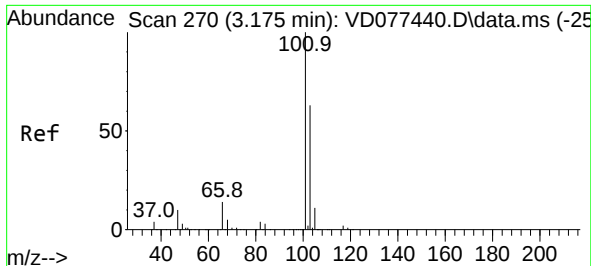
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 18.975 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

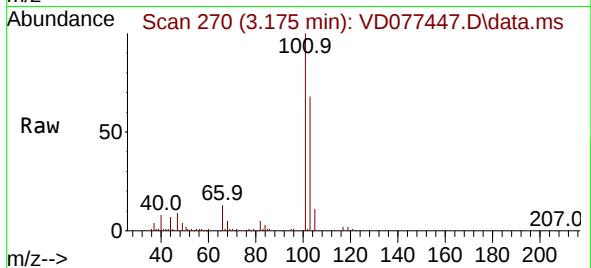
Tgt Ion: 64 Resp: 51163
Ion Ratio Lower Upper
64 100
66 38.5 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 19.520 ug/l
 RT: 3.175 min Scan# 270
 Delta R.T. -0.000 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

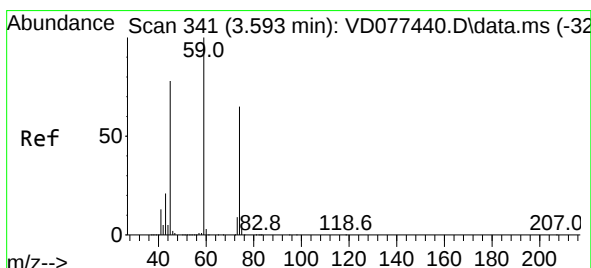
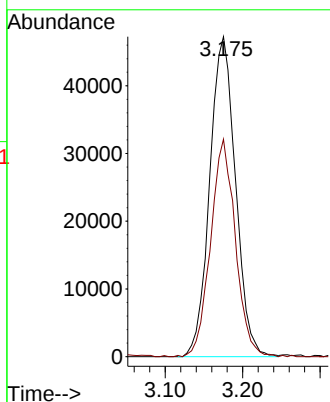
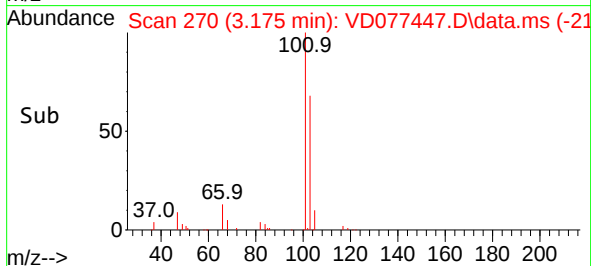
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBSD01



Tgt Ion:101 Resp: 109478
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.3 78.5

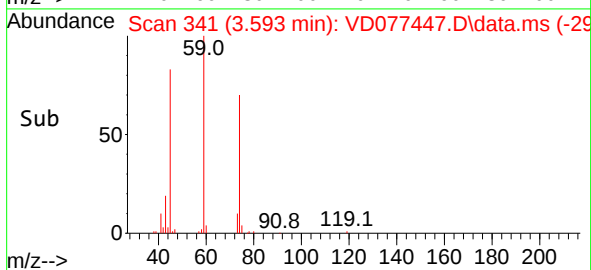
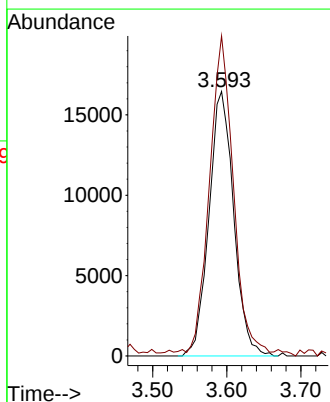
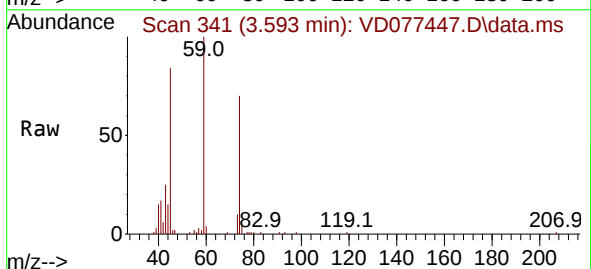
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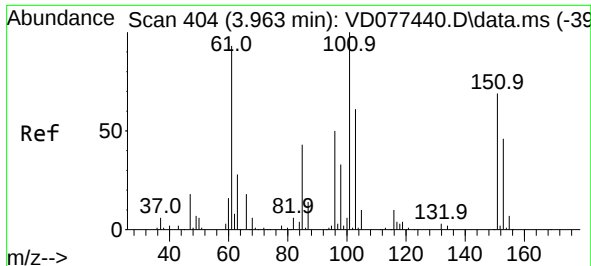
Reviewed By :John Carlone 10/31/2023
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#8
 Diethyl Ether
 Concen: 18.933 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 38169
 Ion Ratio Lower Upper
 74 100
 45 113.1 37.5 112.7#





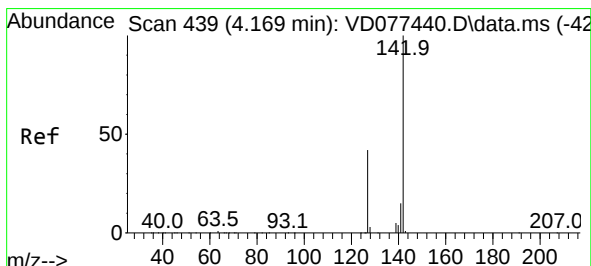
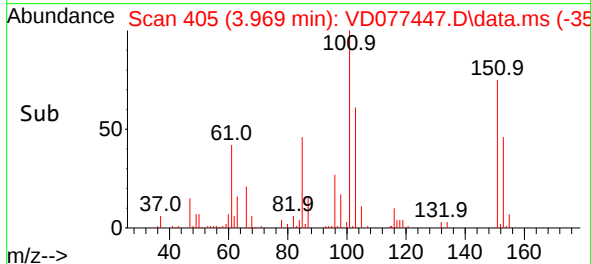
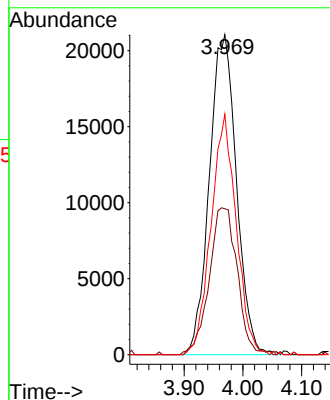
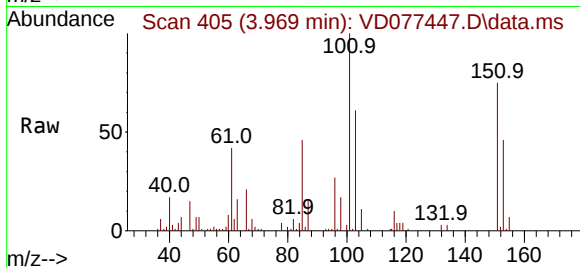
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.935 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01

Tgt Ion:101 Resp: 6749
Ion Ratio Lower Upper
101 100
85 47.3 33.8 50.6
151 69.7 59.8 89.6

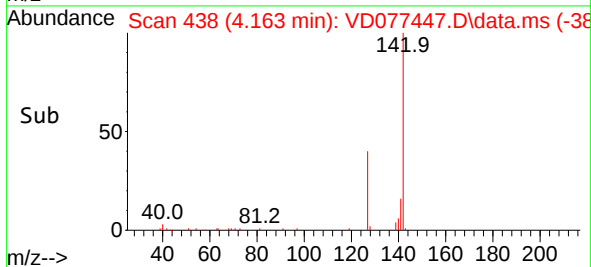
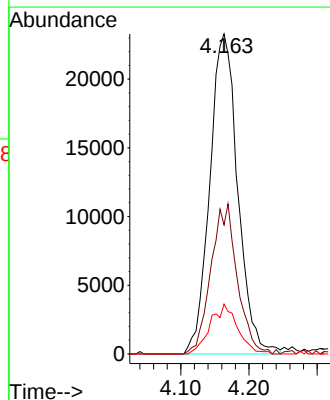
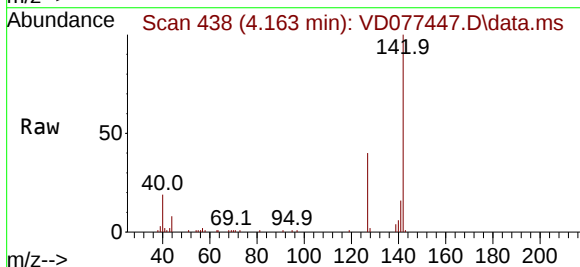
Manual Integrations
APPROVED

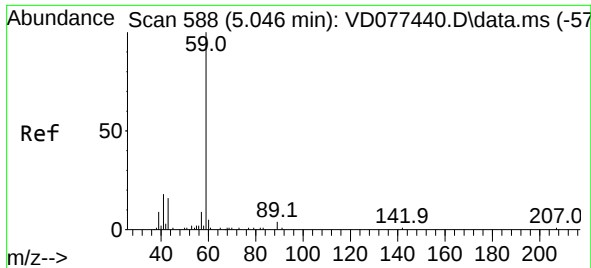
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 17.739 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

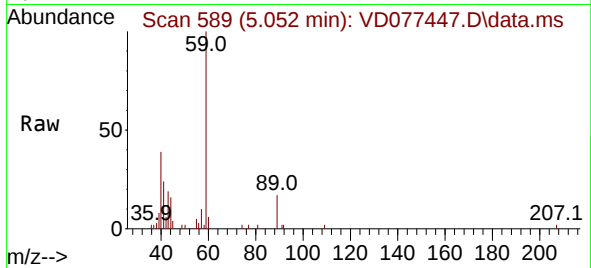
Tgt Ion:142 Resp: 66583
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 15.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 112.873 ug/l
RT: 5.052 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

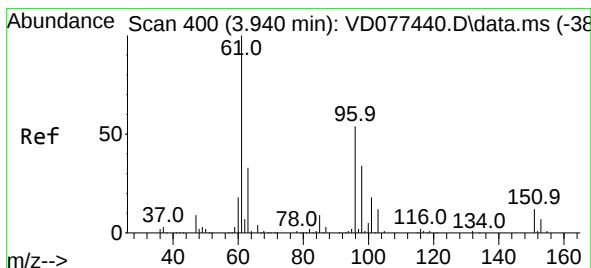
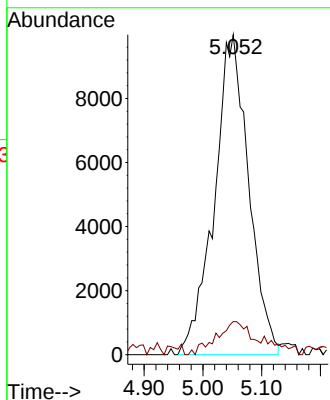
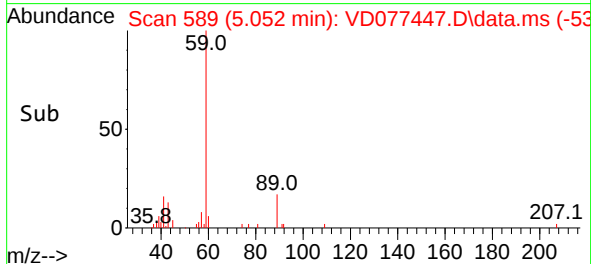
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



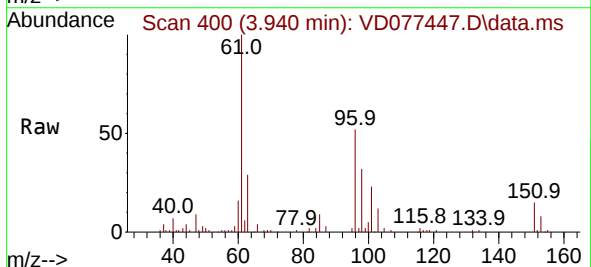
Tgt Ion: 59 Resp: 4056
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.8

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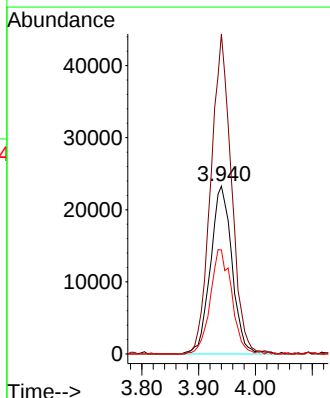
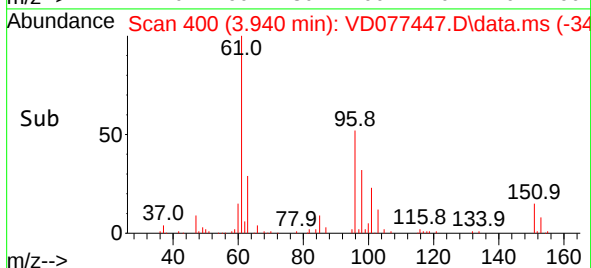
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

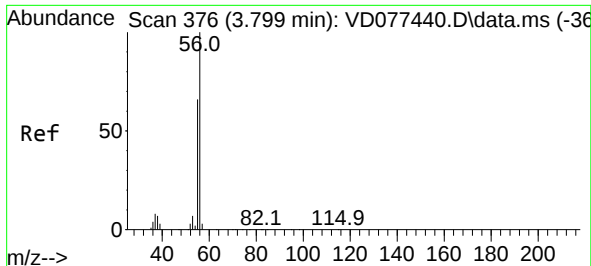


#12
1,1-Dichloroethene
Concen: 19.170 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



Tgt Ion: 96 Resp: 61447
Ion Ratio Lower Upper
96 100
61 190.6 100.6 150.8#
98 61.9 50.2 75.2





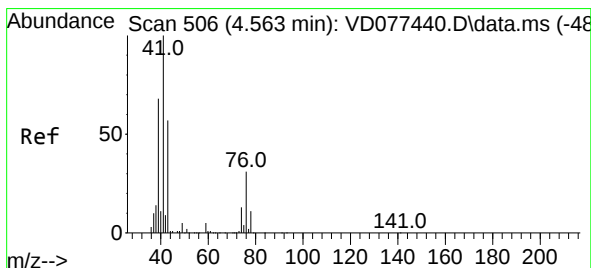
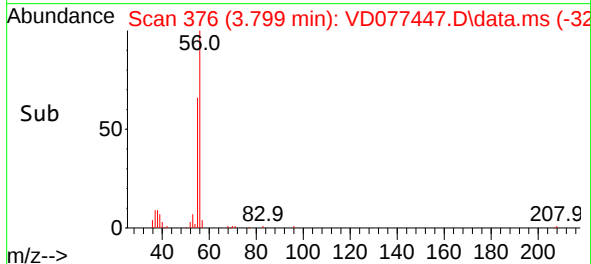
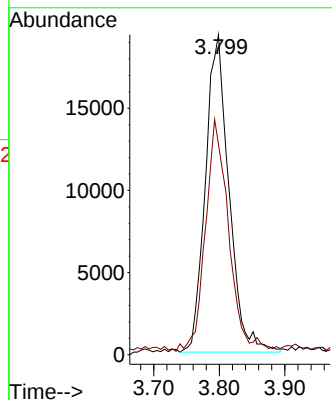
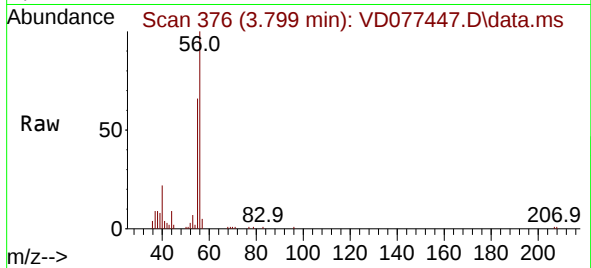
#13
Acrolein
Concen: 101.746 ug/l
RT: 3.799 min Scan# 376
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01

Tgt Ion: 56 Resp: 48215
Ion Ratio Lower Upper
56 100
55 70.3 55.1 82.7

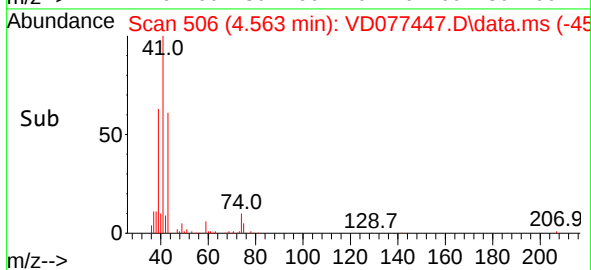
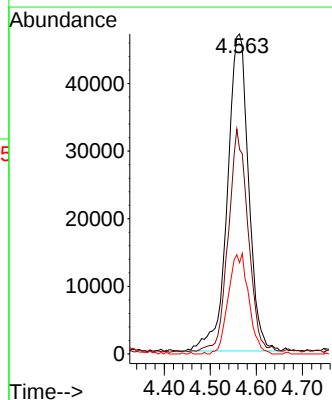
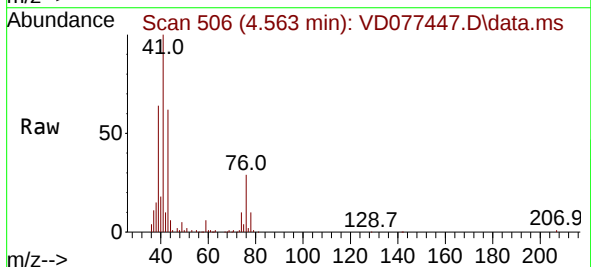
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 19.356 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

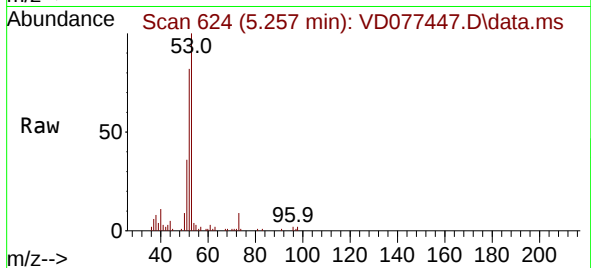
Tgt Ion: 41 Resp: 149676
Ion Ratio Lower Upper
41 100
39 65.7 53.8 80.6
76 30.5 45.8 68.8#





#15
Acrylonitrile
Concen: 96.984 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

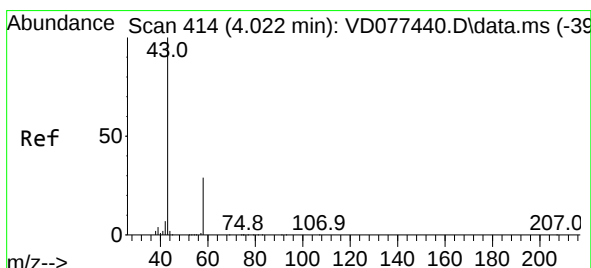
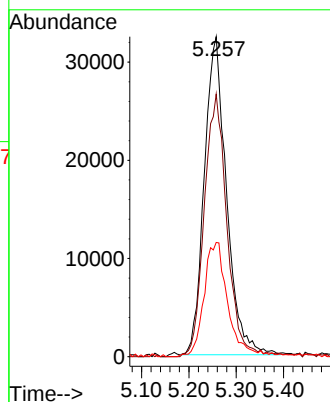
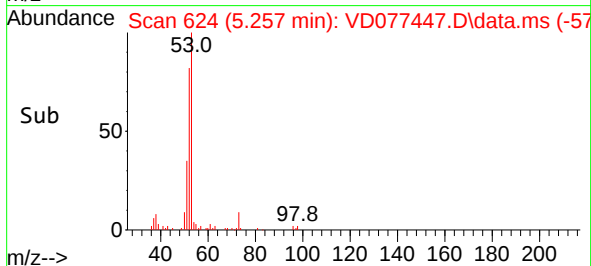
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 53 Resp: 105694
Ion Ratio Lower Upper
53 100
52 84.5 65.0 97.4
51 38.3 28.3 42.5

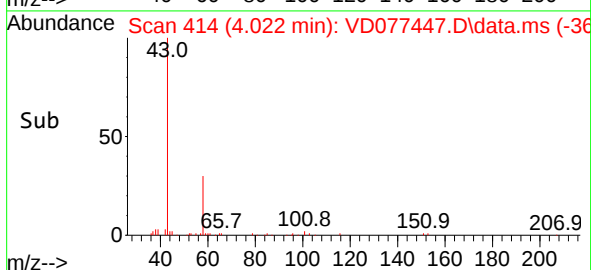
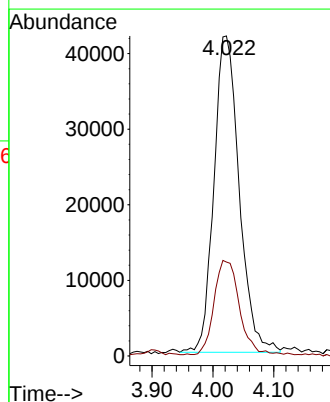
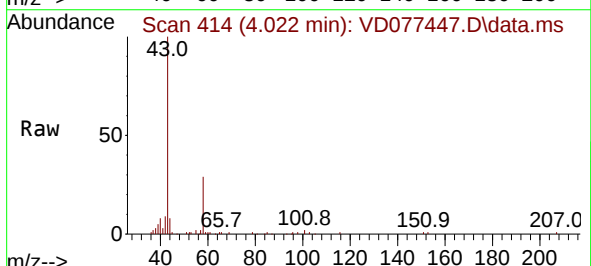
Manual Integrations
APPROVED

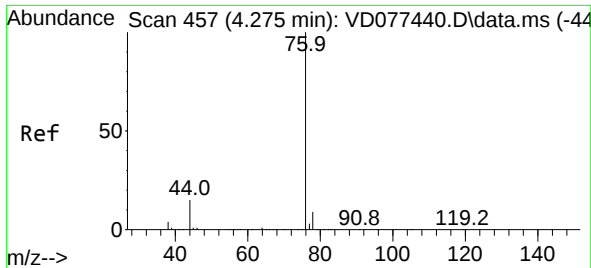
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 100.637 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 43 Resp: 120806
Ion Ratio Lower Upper
43 100
58 29.3 34.7 52.1#





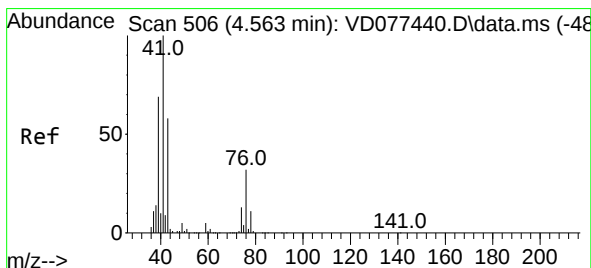
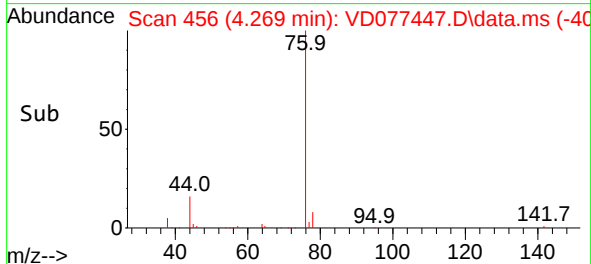
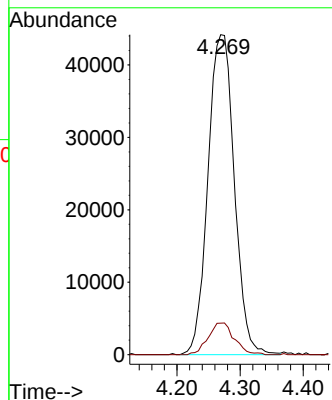
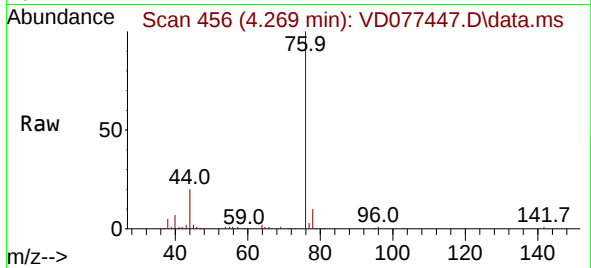
#17
Carbon Disulfide
Concen: 15.748 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01

Tgt Ion: 76 Resp: 128190
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

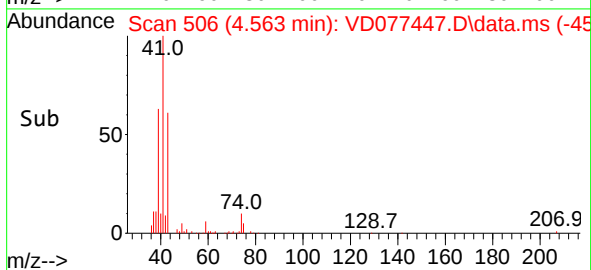
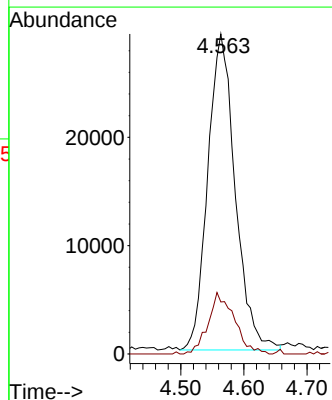
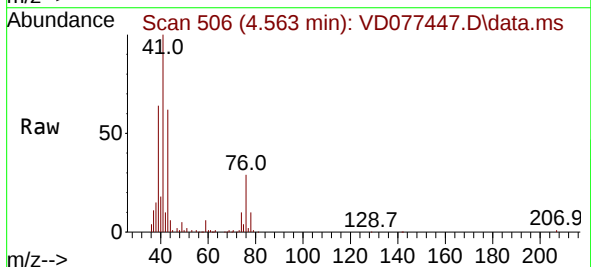
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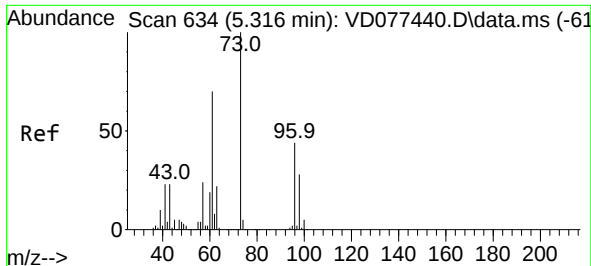
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 20.153 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 43 Resp: 88242
Ion Ratio Lower Upper
43 100
74 18.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 20.010 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01

Tgt Ion: 73 Resp: 201334

Ion Ratio Lower Upper

73 100

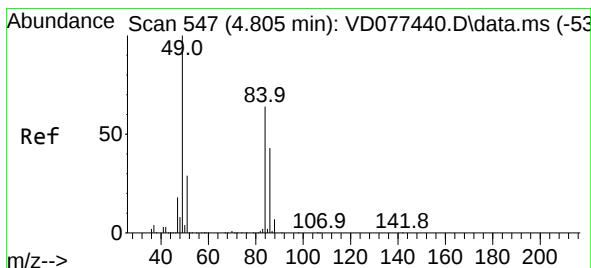
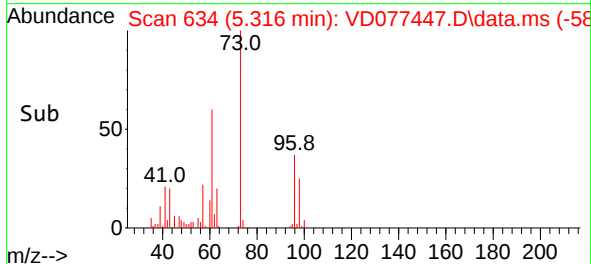
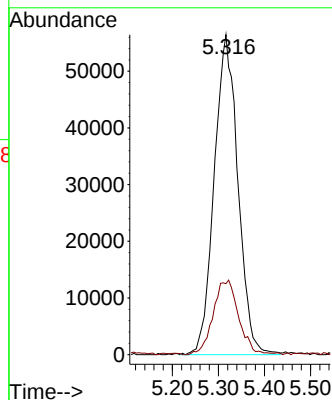
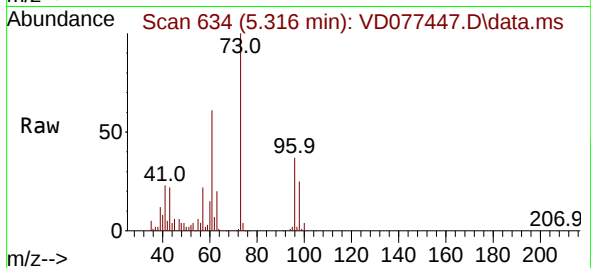
57 21.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#20

Methylene Chloride

Concen: 26.226 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Tgt Ion: 84 Resp: 123538

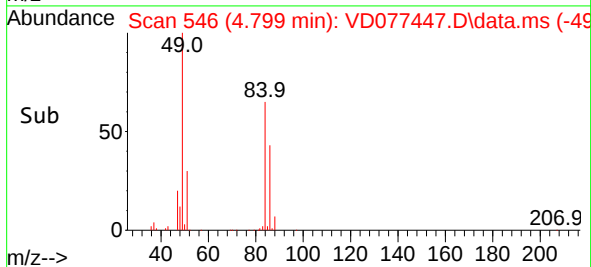
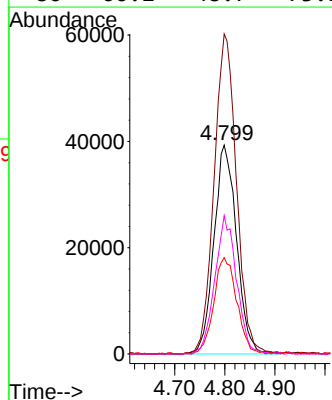
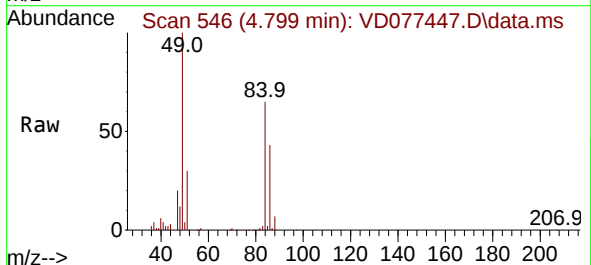
Ion Ratio Lower Upper

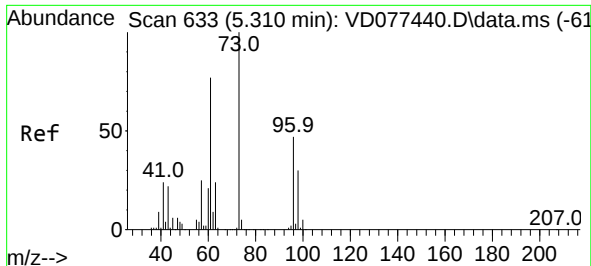
84 100

49 153.2 71.4 107.2#

51 46.1 24.5 36.7#

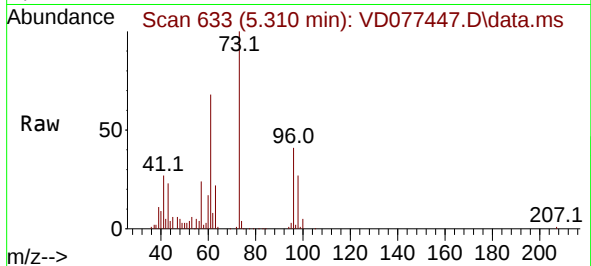
86 66.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.188 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

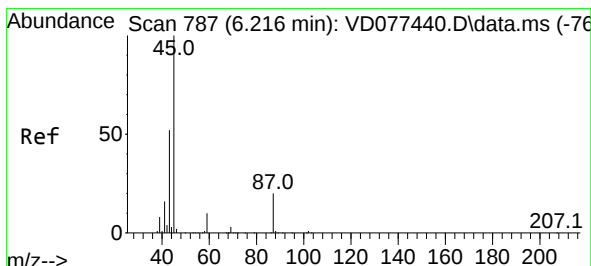
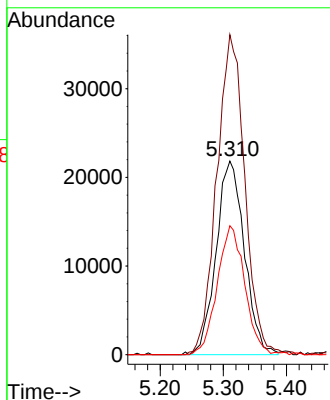
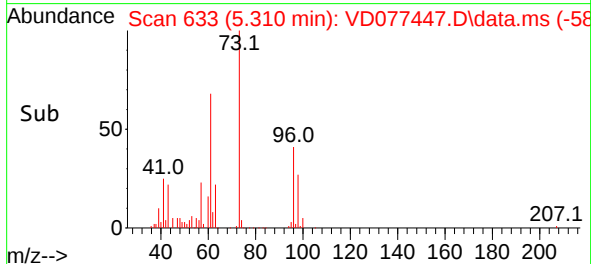
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



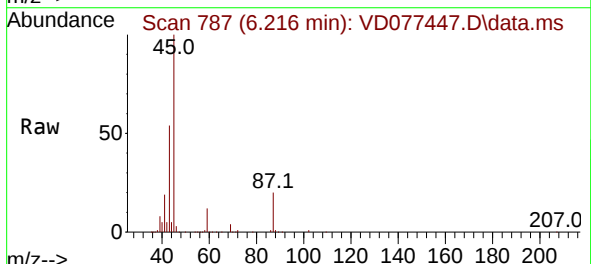
Tgt Ion: 96 Resp: 67890
Ion Ratio Lower Upper
96 100
61 165.3 89.3 133.9
98 66.7 48.6 73.0

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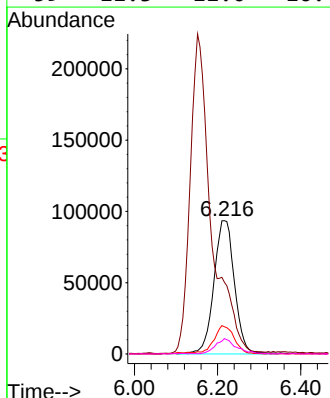
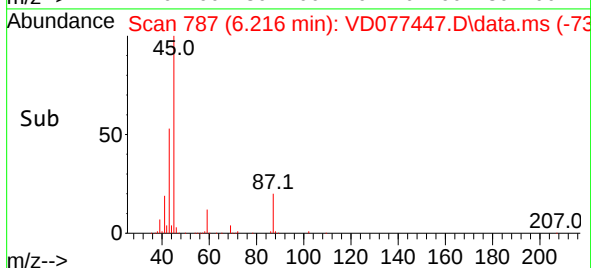
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

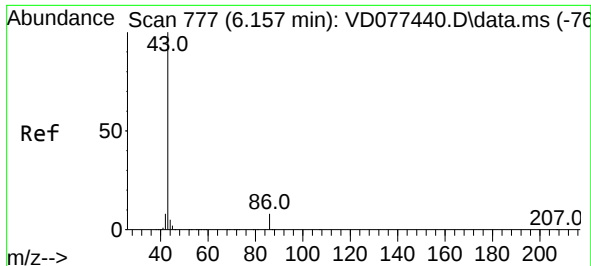


#22
Diisopropyl ether
Concen: 19.600 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



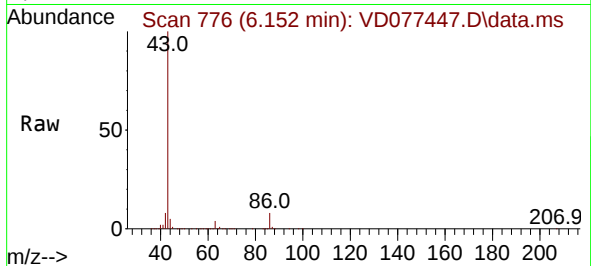
Tgt Ion: 45 Resp: 322119
Ion Ratio Lower Upper
45 100
43 52.2 40.0 60.0
87 20.4 28.2 42.4
59 11.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 93.731 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

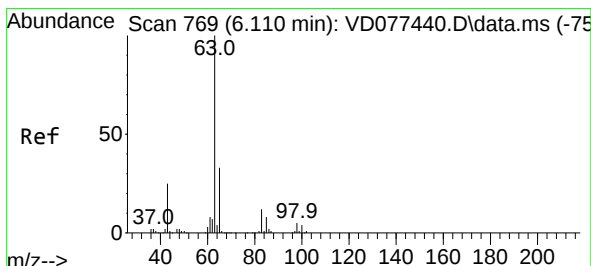
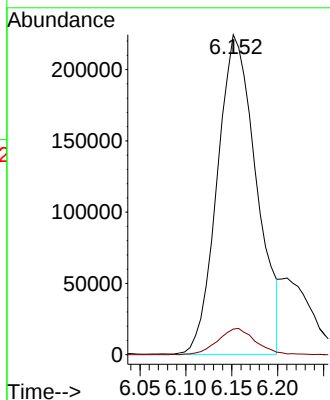
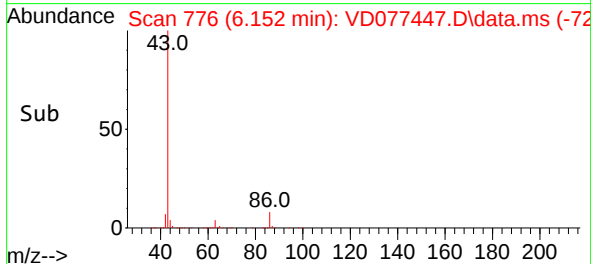
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBSD01



Tgt Ion: 43 Resp: 66456
 Ion Ratio Lower Upper
 43 100
 86 8.0 12.5 18.7

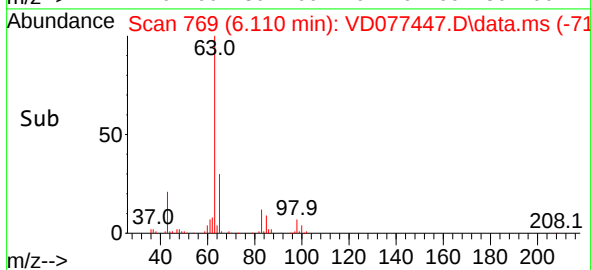
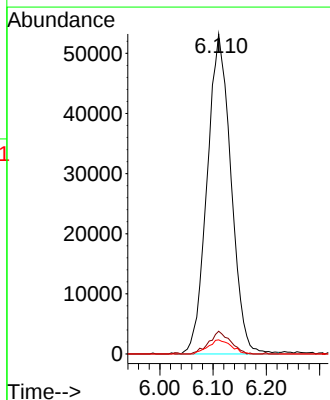
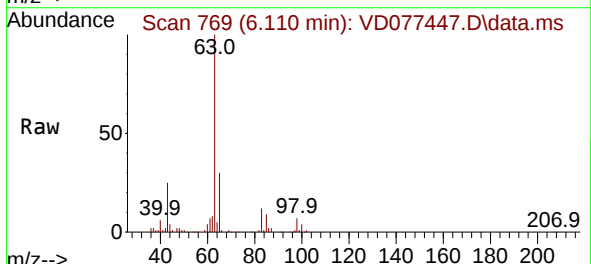
Manual Integrations
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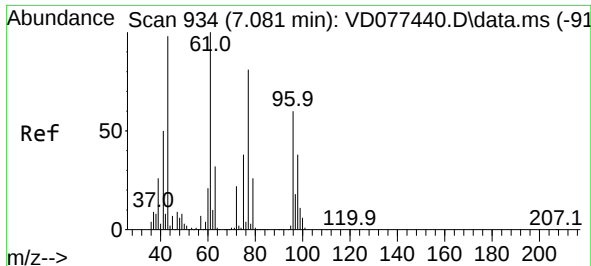
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 19.428 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

Tgt Ion: 63 Resp: 165677
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.4 2.5 7.5





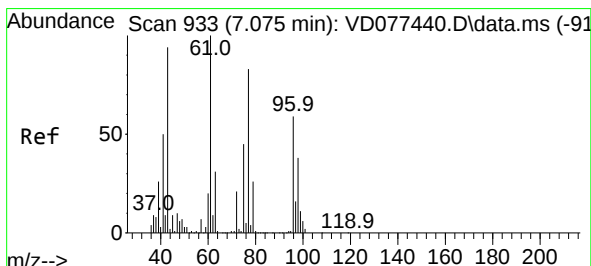
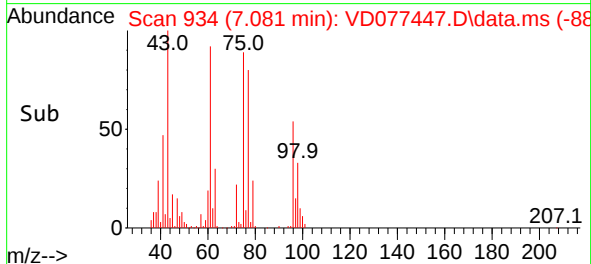
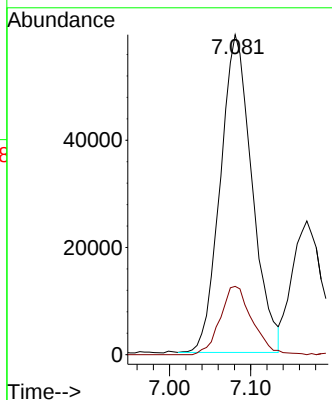
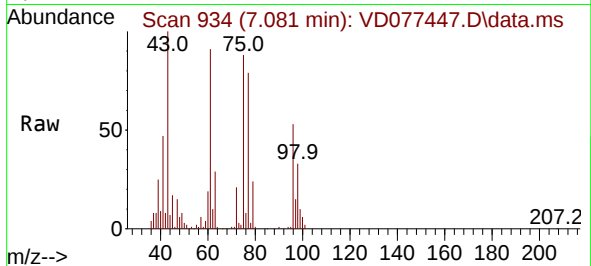
#25
2-Butanone
Concen: 100.910 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01

Tgt Ion: 43 Resp: 161574
Ion Ratio Lower Upper
43 100
72 21.5 30.7 46.1

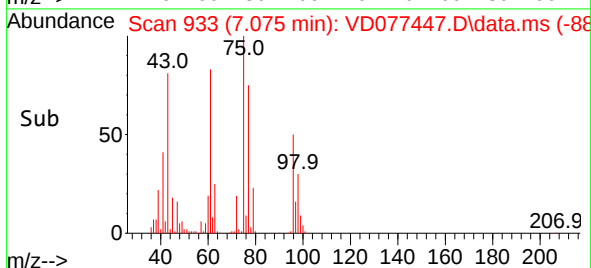
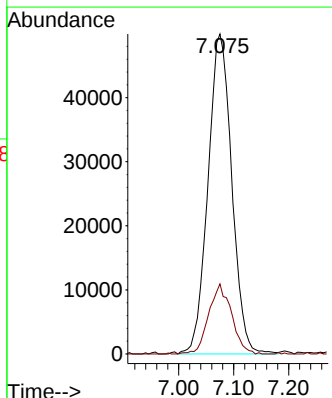
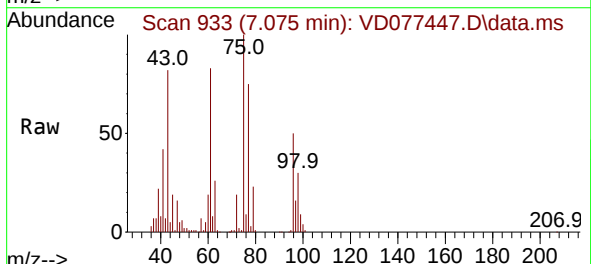
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 19.901 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

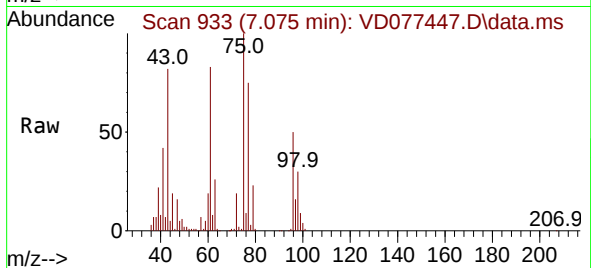
Tgt Ion: 77 Resp: 150397
Ion Ratio Lower Upper
77 100
97 21.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.471 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

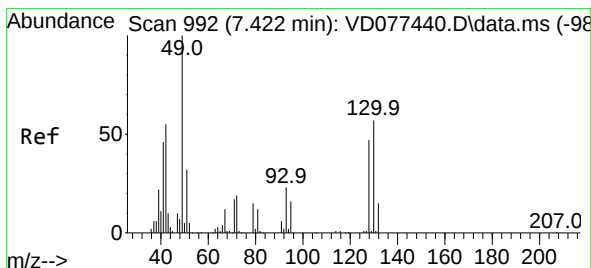
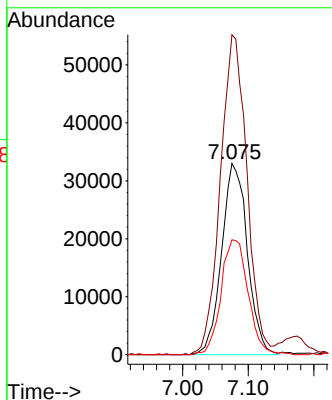
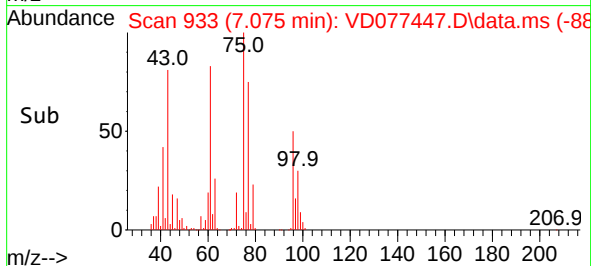
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBSD01



Tgt Ion: 96 Resp: 90049
 Ion Ratio Lower Upper
 96 100
 61 171.7 0.0 239.2
 98 63.1 0.0 128.6

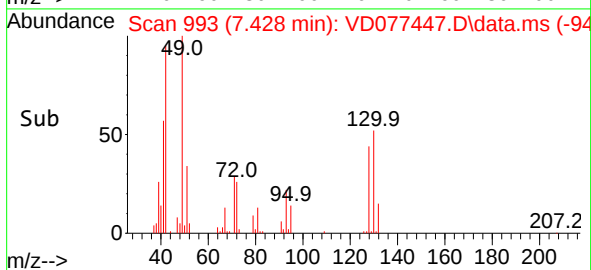
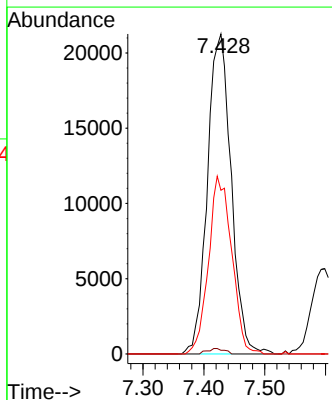
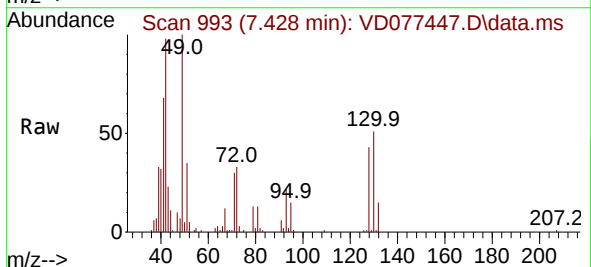
Manual Integrations
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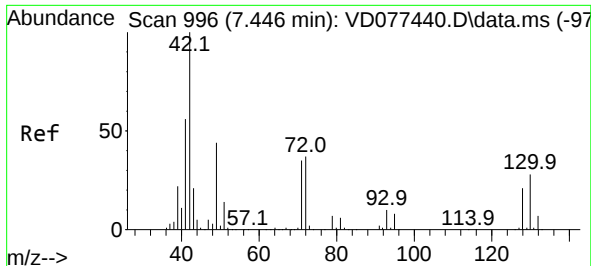
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 16.378 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

Tgt Ion: 49 Resp: 57605
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 6.0
 130 54.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 96.945 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01

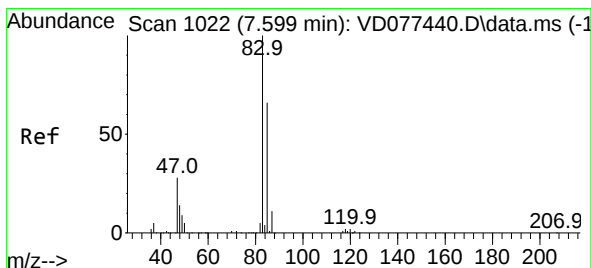
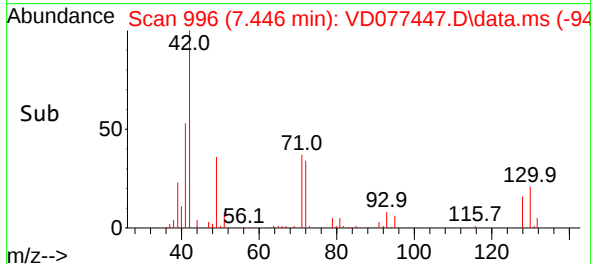
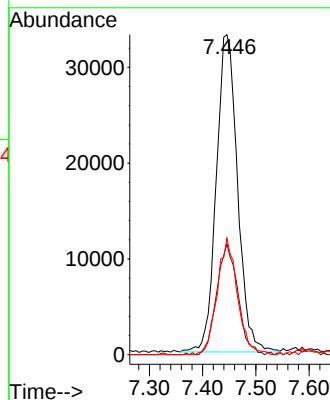
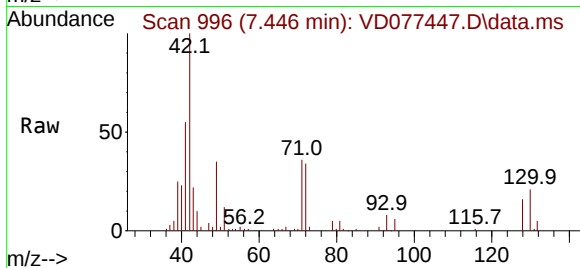
Tgt Ion:	42	Resp:	92062
Ion Ratio	Lower	Upper	
42	100		
72	34.6	46.5	69.7
71	34.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 19.729 ug/l

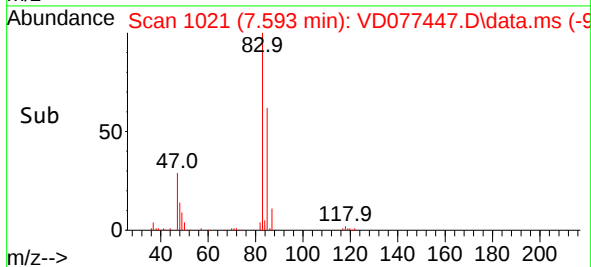
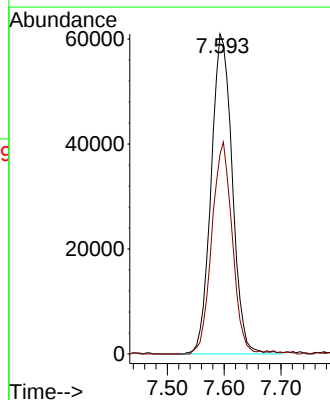
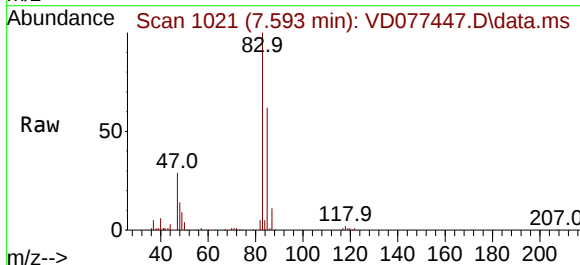
RT: 7.593 min Scan# 1021

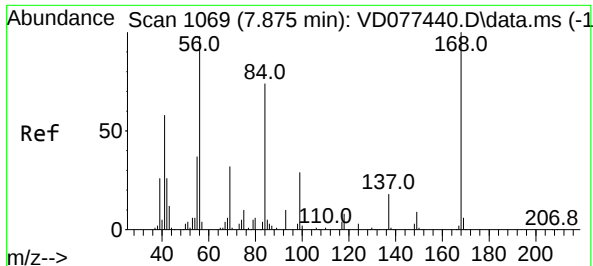
Delta R.T. -0.006 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

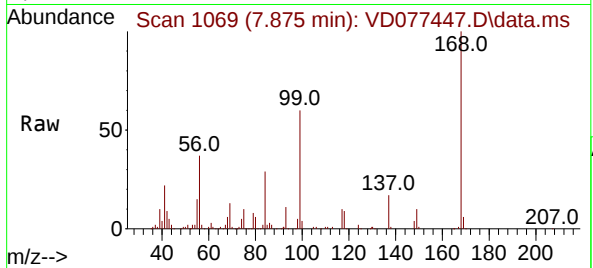
Tgt Ion:	83	Resp:	157087
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.4	80.2





#31
Cyclohexane
Concen: 18.782 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

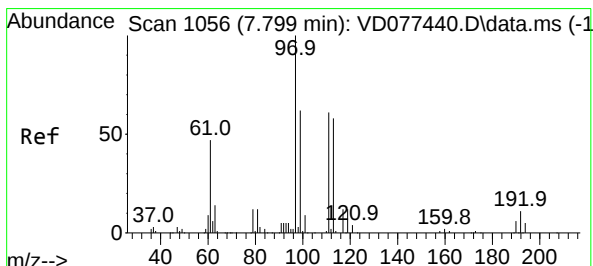
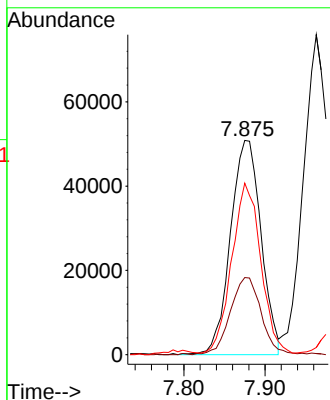
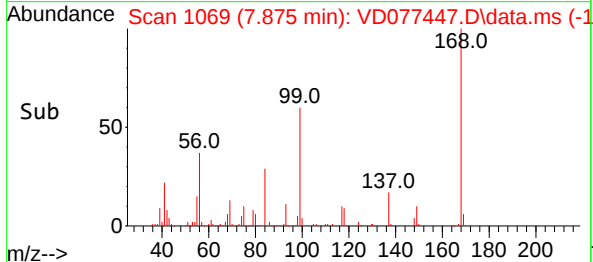
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



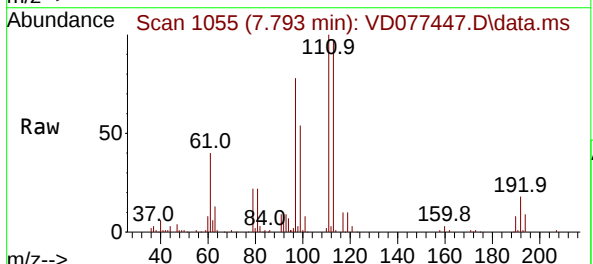
Tgt Ion: 56 Resp: 133192
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 78.7 84.8 127.2

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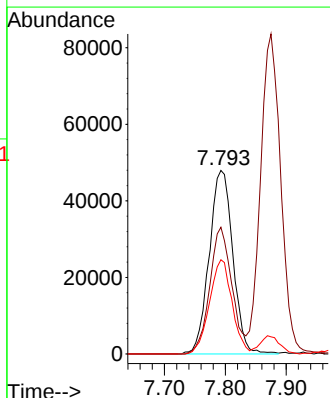
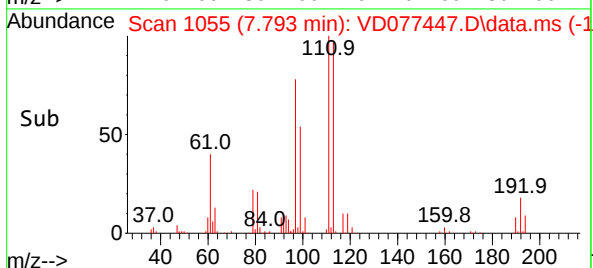
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

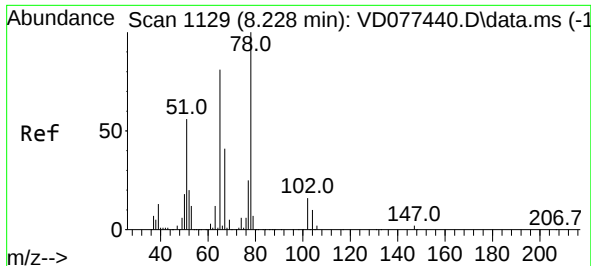


#32
1,1,1-Trichloroethane
Concen: 19.709 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



Tgt Ion: 97 Resp: 129299
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 48.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.397 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077447.D

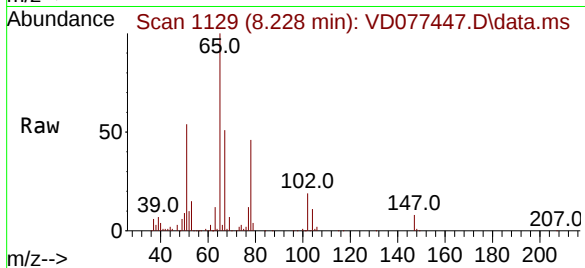
Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01



Tgt Ion: 65 Resp: 228620

Ion Ratio Lower Upper

65 100

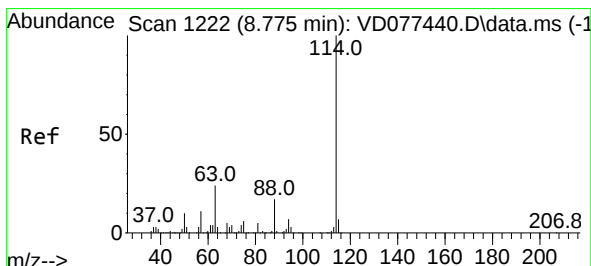
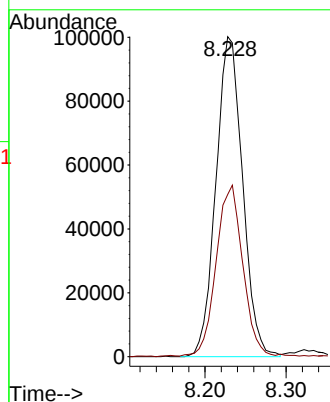
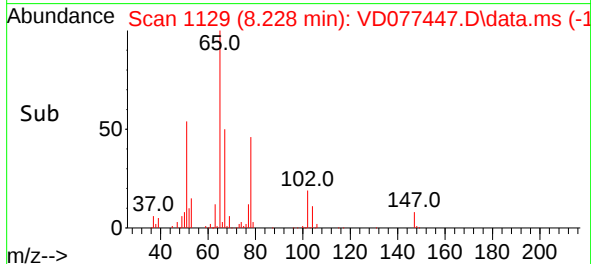
67 52.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

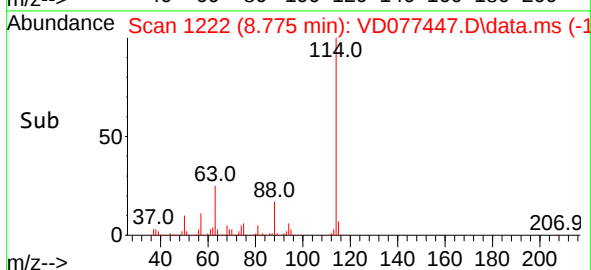
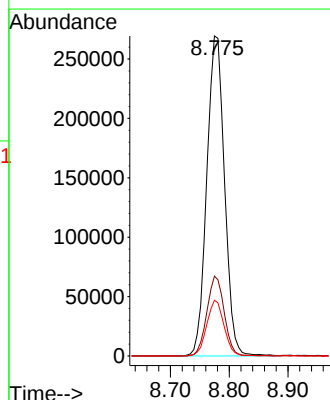
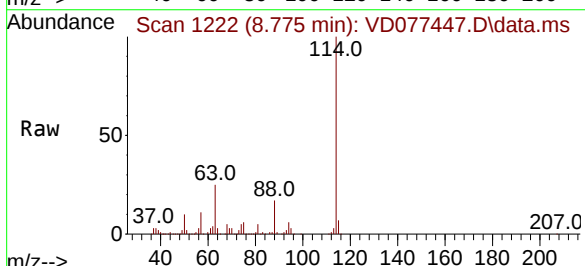
Tgt Ion:114 Resp: 565401

Ion Ratio Lower Upper

114 100

63 25.0 0.0 33.4

88 17.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.572 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01

Tgt Ion: 113 Resp: 201534

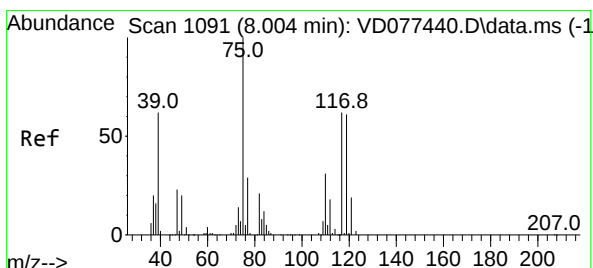
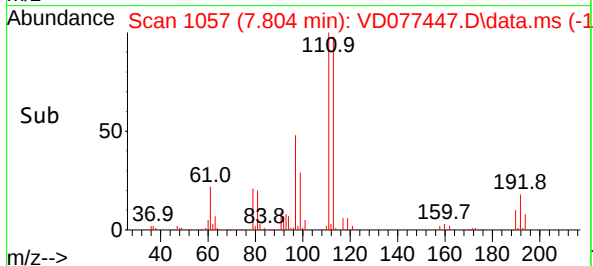
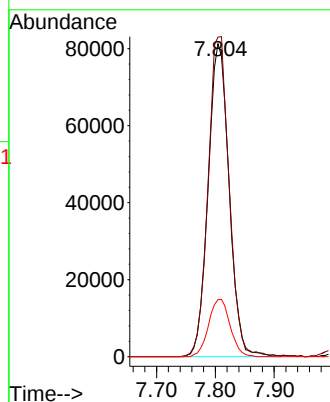
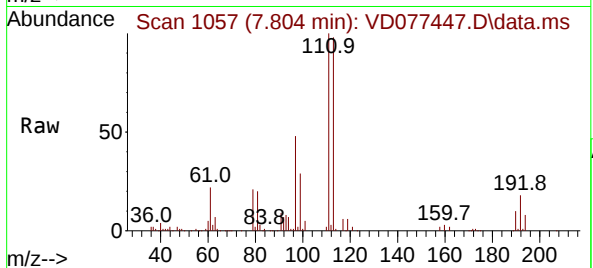
Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.7	127.1
192	18.8	16.8	25.2

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 19.384 ug/l

RT: 8.004 min Scan# 1091

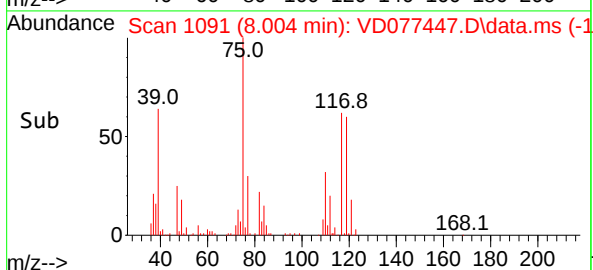
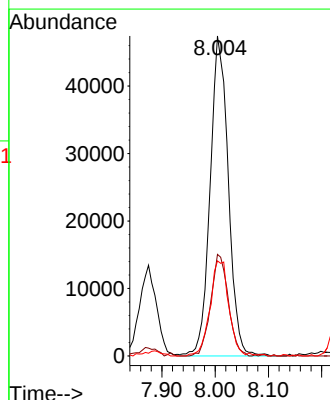
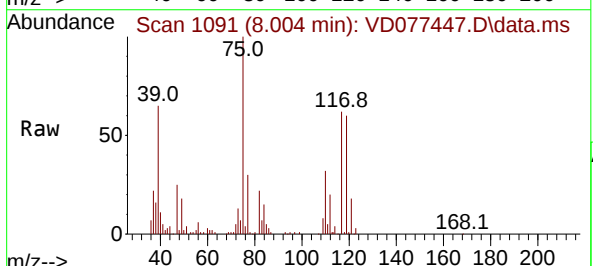
Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Tgt Ion: 75 Resp: 112308

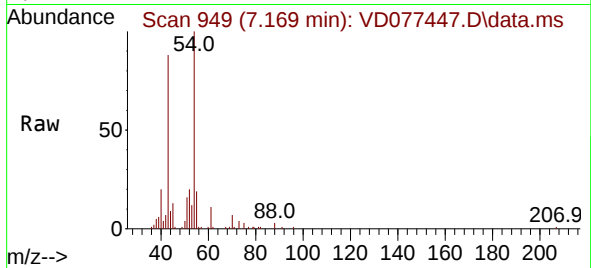
Ion	Ratio	Lower	Upper
75	100		
110	30.7	19.9	59.6
77	30.9	24.7	37.1





#37
Ethyl Acetate
Concen: 19.703 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

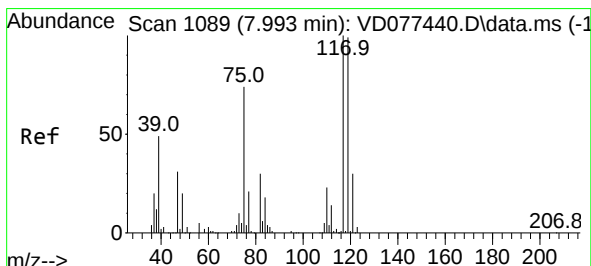
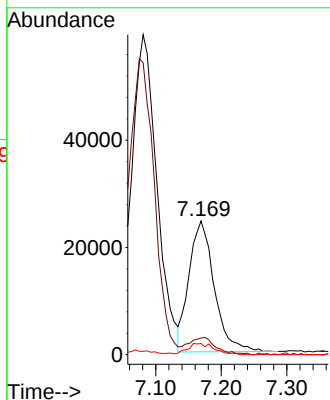
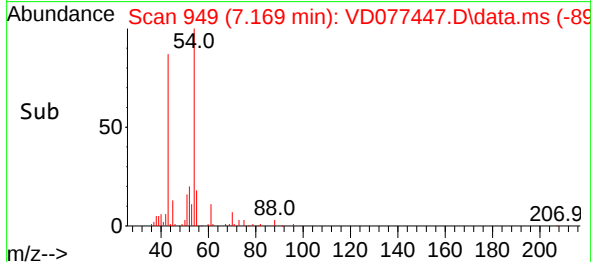
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 43 Resp: 6551
Ion Ratio Lower Upper
43 100
61 13.8 14.9 22.3
70 9.0 10.0 15.0

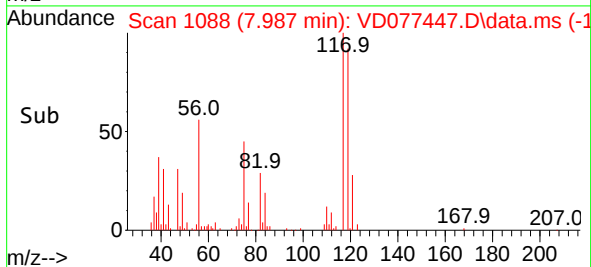
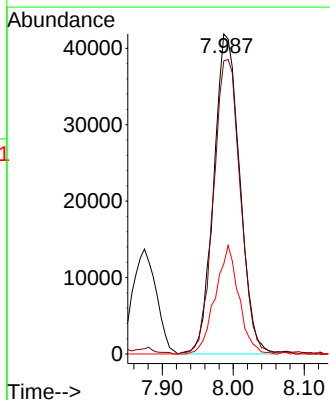
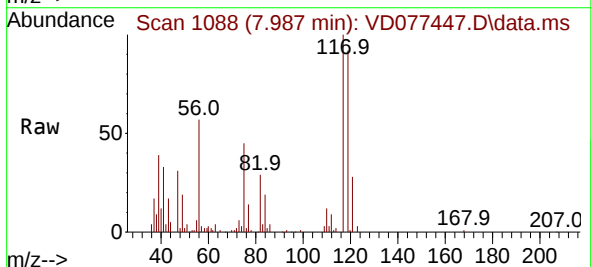
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 19.478 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Tgt Ion:117 Resp: 106344
Ion Ratio Lower Upper
117 100
119 91.6 78.0 117.0
121 28.2 24.2 36.2





#39

Methylcyclohexane

Concen: 18.369 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01

Tgt Ion: 83 Resp: 12143

Ion Ratio Lower Upper

83 100

55 89.4 49.4 74.0

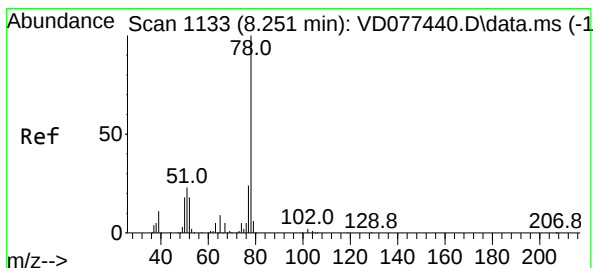
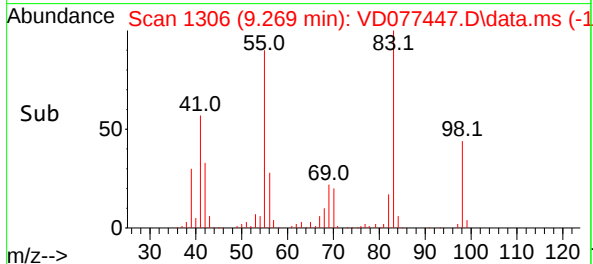
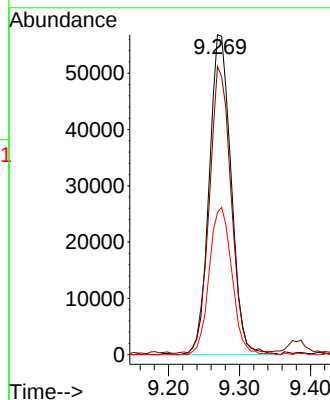
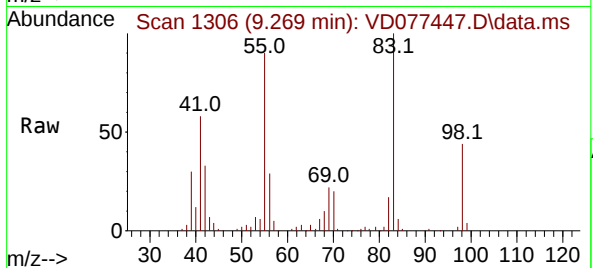
98 44.5 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 19.290 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077447.D

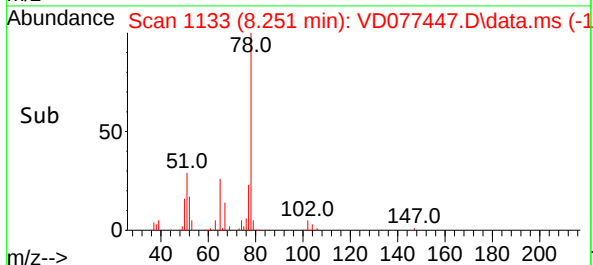
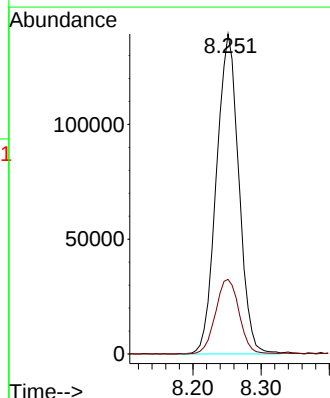
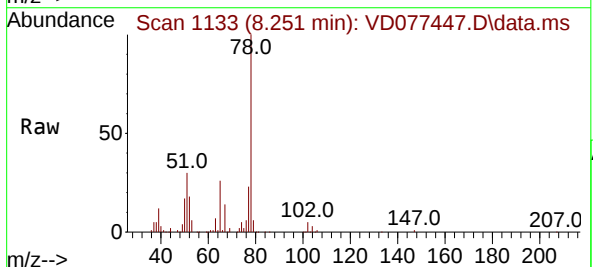
Acq: 30 Oct 2023 15:01

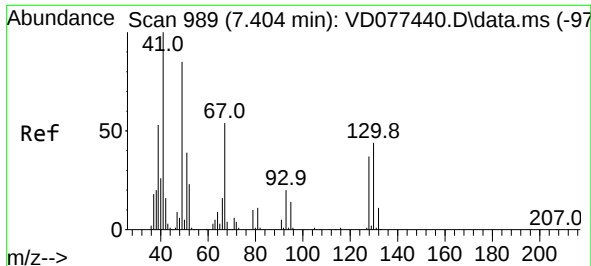
Tgt Ion: 78 Resp: 318703

Ion Ratio Lower Upper

78 100

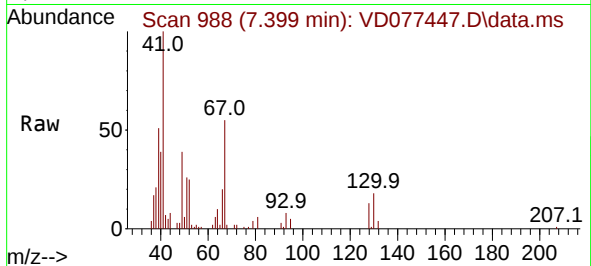
77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 20.438 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

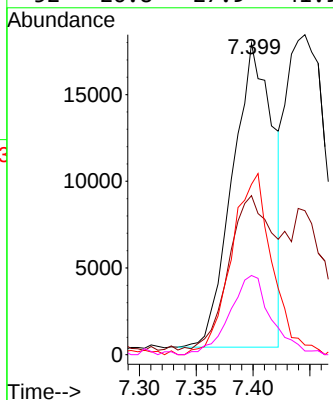
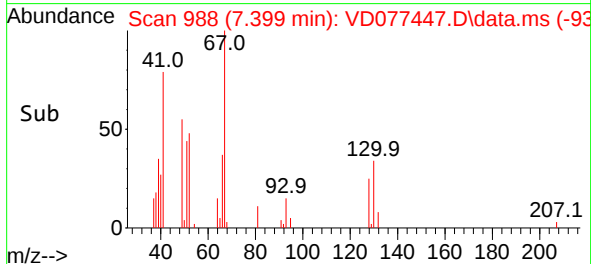
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



Tgt Ion: 41 Resp: 43484
Ion Ratio Lower Upper
41 100
39 54.8 34.0 51.0
67 60.4 77.0 115.4
52 26.8 27.9 41.9#

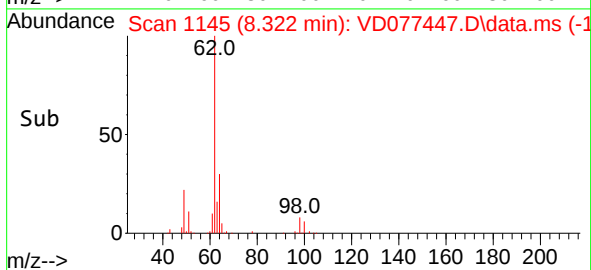
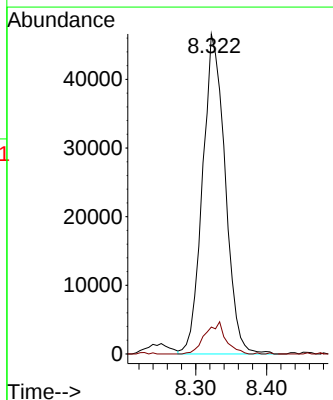
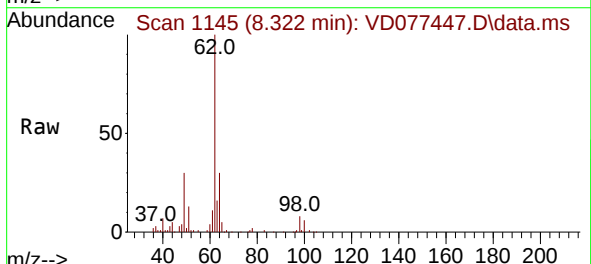
Manual Integrations
APPROVED

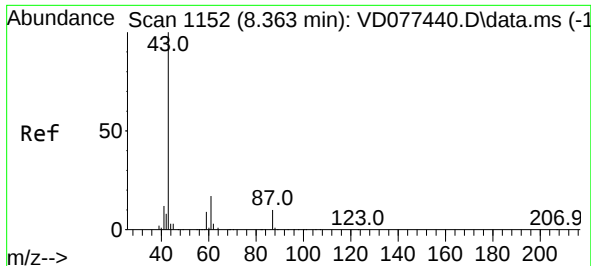
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 19.677 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

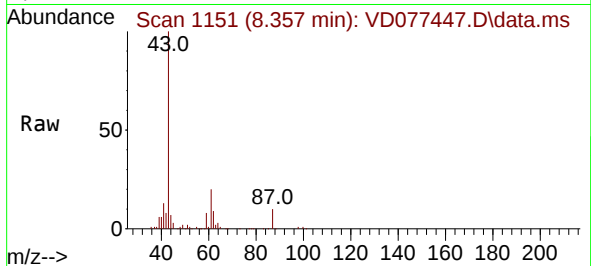
Tgt Ion: 62 Resp: 102967
Ion Ratio Lower Upper
62 100
98 9.2 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.782 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

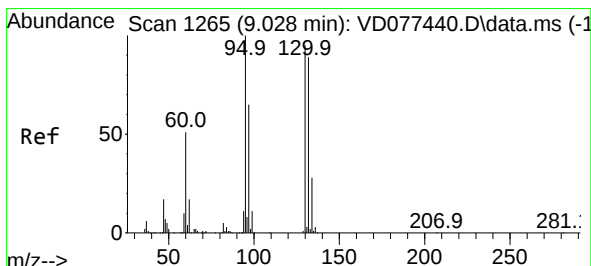
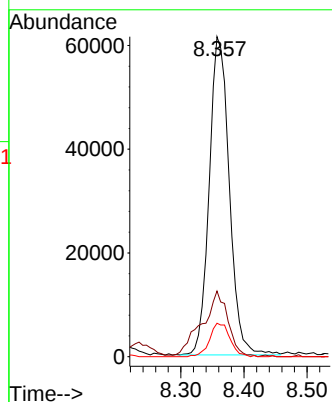
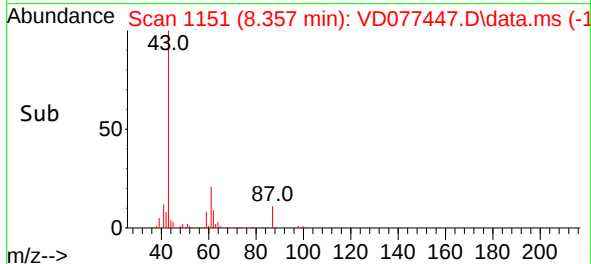
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



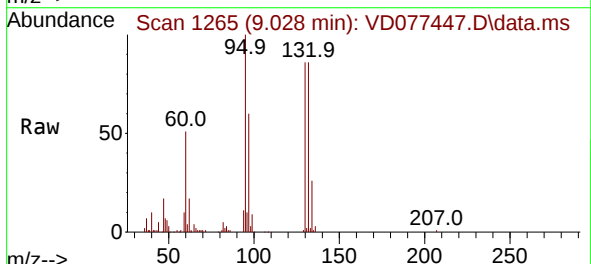
Tgt Ion: 43 Resp: 13573
Ion Ratio Lower Upper
43 100
61 26.8 31.4 47.0
87 10.7 14.9 22.3

Manual Integrations
APPROVED

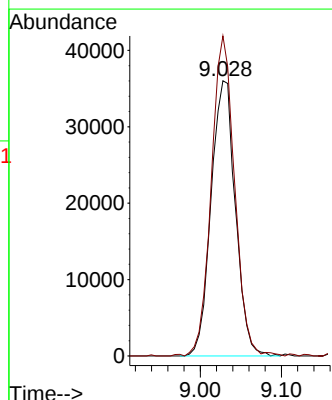
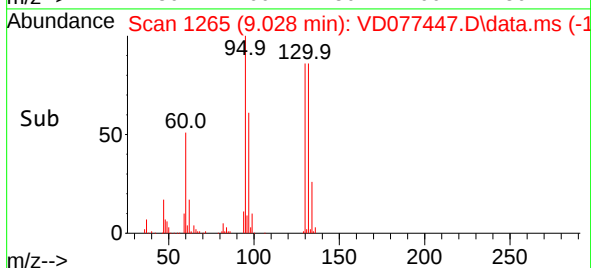
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

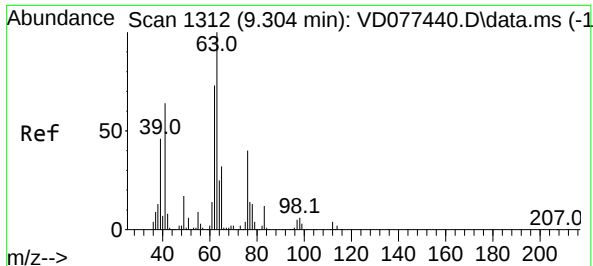


#44
Trichloroethene
Concen: 18.515 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



Tgt Ion:130 Resp: 74930
Ion Ratio Lower Upper
130 100
95 115.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.058 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBSD01

Tgt Ion: 63 Resp: 9756

Ion Ratio Lower Upper

63 100

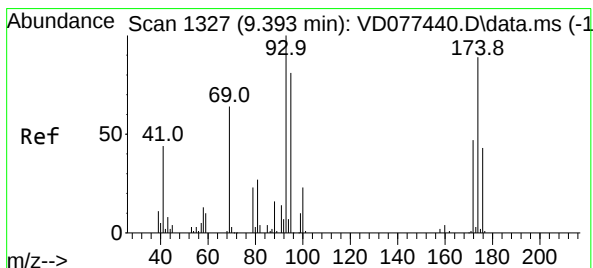
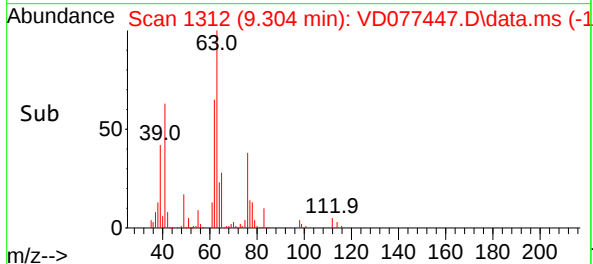
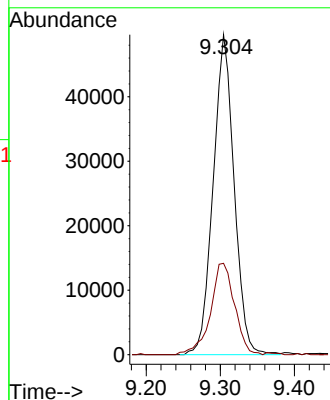
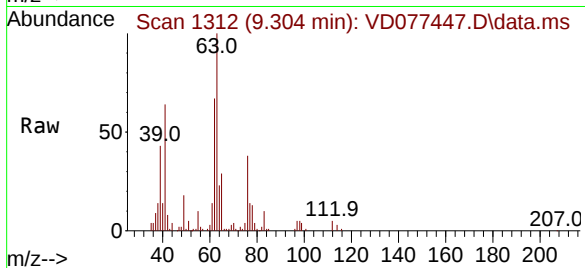
65 28.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 18.719 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

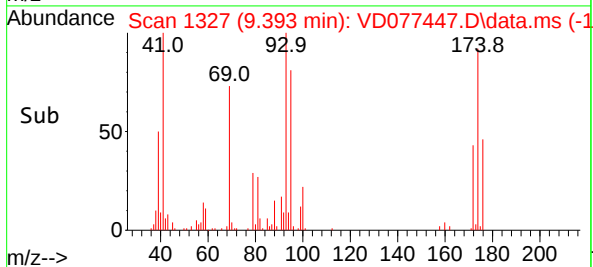
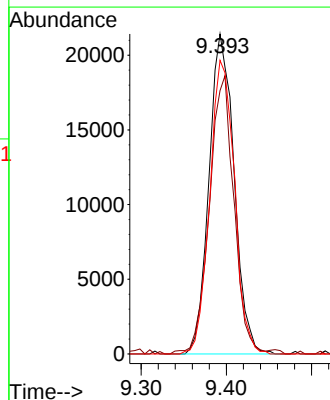
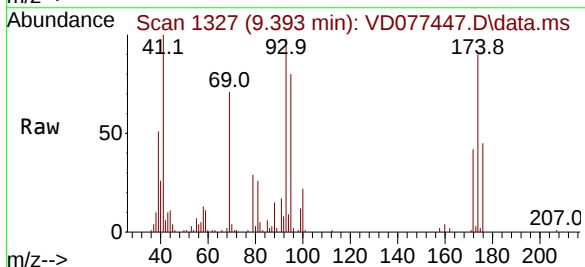
Tgt Ion: 93 Resp: 43817

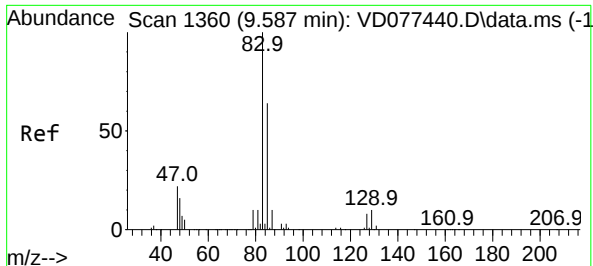
Ion Ratio Lower Upper

93 100

95 85.2 67.7 101.5

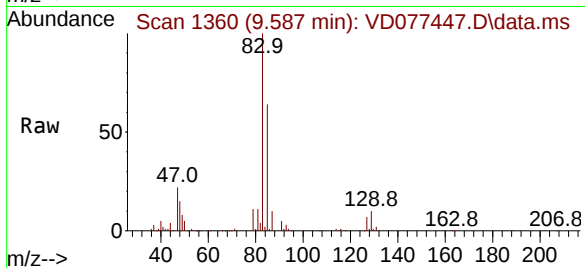
174 90.7 85.4 128.2





#47
Bromodichloromethane
Concen: 19.644 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

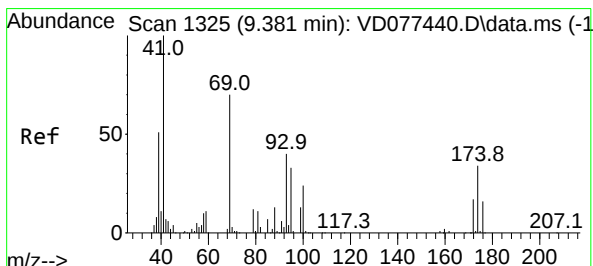
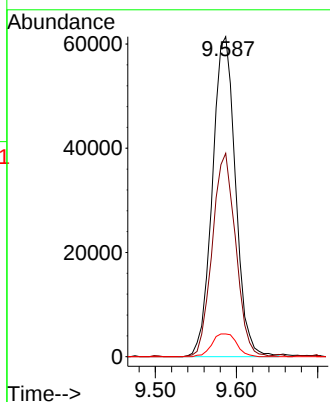
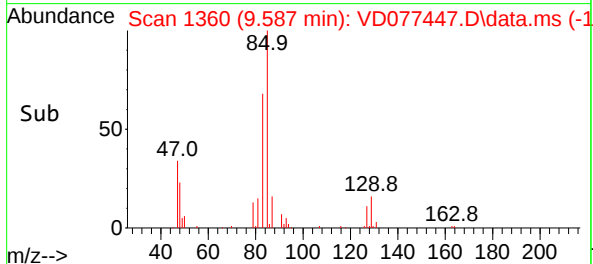
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



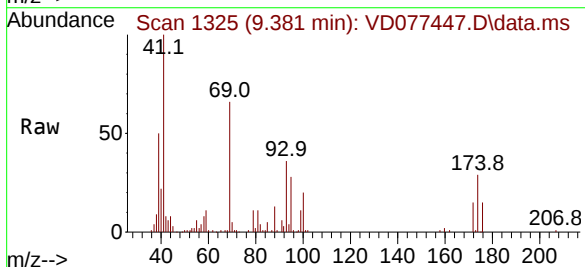
Tgt Ion: 83 Resp: 121539
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 7.1 6.3 9.5

Manual Integrations
APPROVED

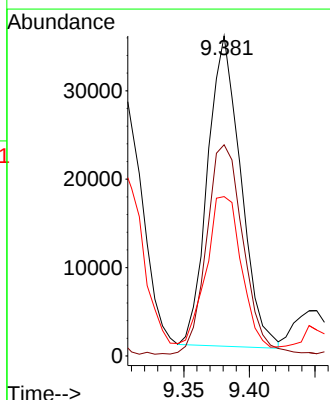
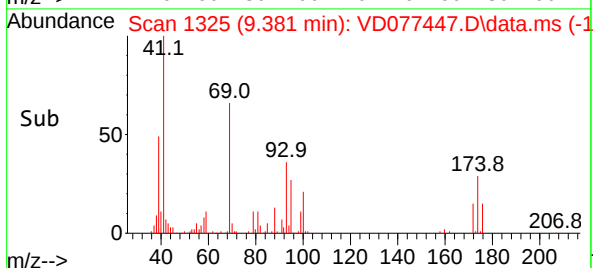
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

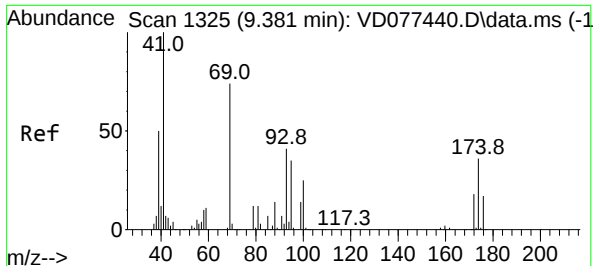


#48
Methyl methacrylate
Concen: 18.792 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



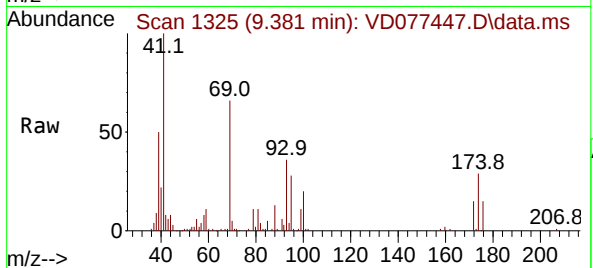
Tgt Ion: 41 Resp: 61552
Ion Ratio Lower Upper
41 100
69 75.1 102.2 153.2#
39 56.9 41.4 62.2





#49
1,4-Dioxane
Concen: 390.416 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

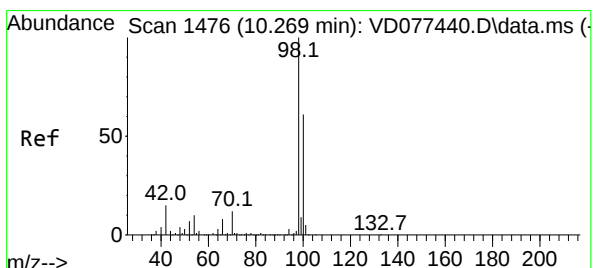
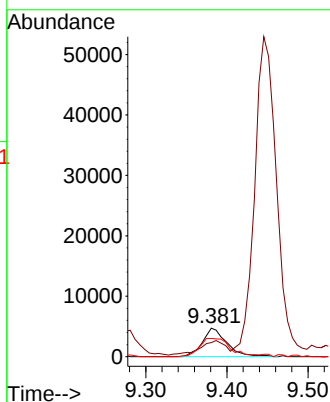
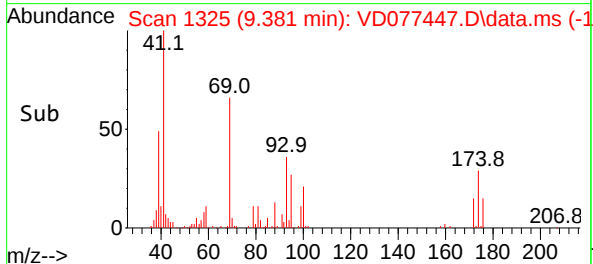
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



Tgt Ion: 88 Resp: 9820
Ion Ratio Lower Upper
88 100
43 50.8 19.0 28.6
58 79.3 43.5 65.3

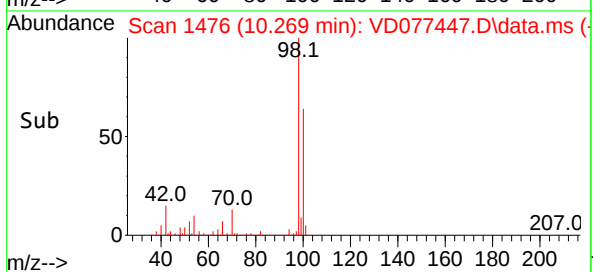
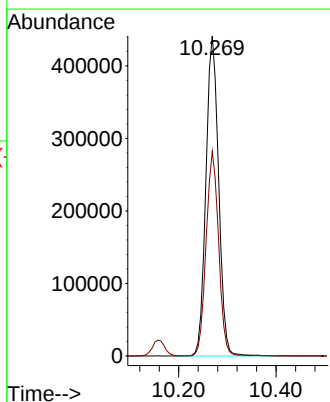
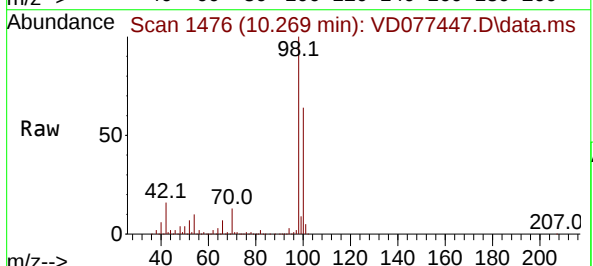
Manual Integrations
APPROVED

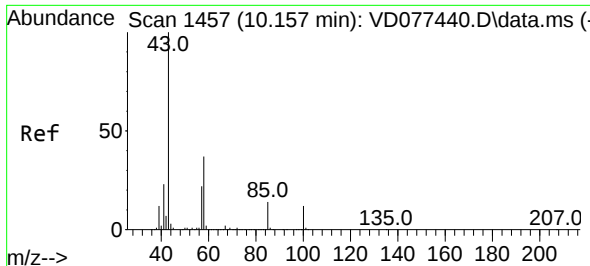
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 52.353 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

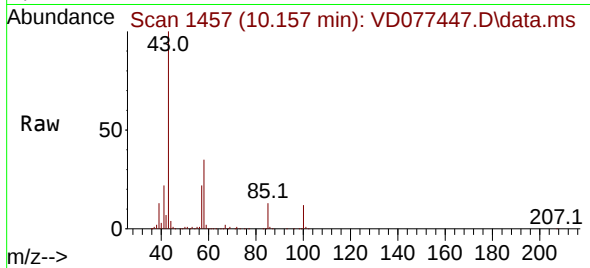
Tgt Ion: 98 Resp: 794660
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 99.875 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

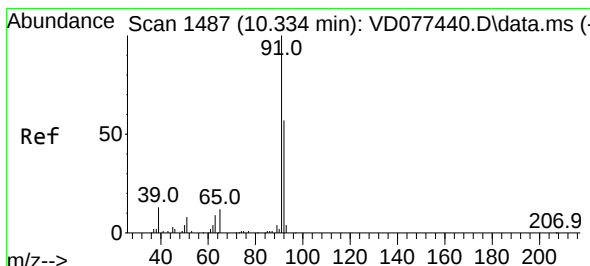
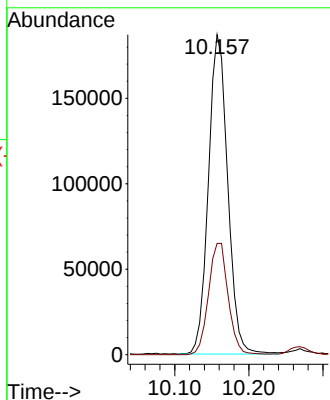
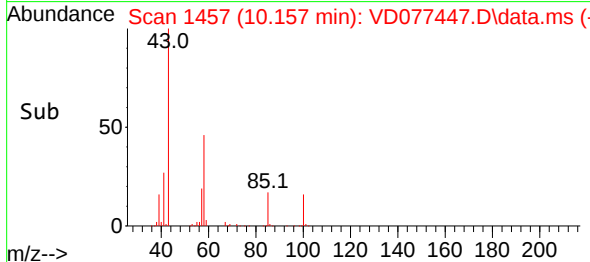
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



Tgt Ion: 43 Resp: 337322
Ion Ratio Lower Upper
43 100
58 35.6 38.9 58.3

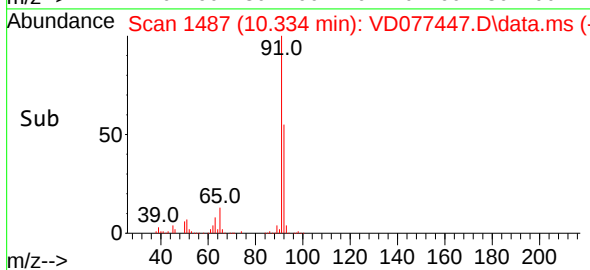
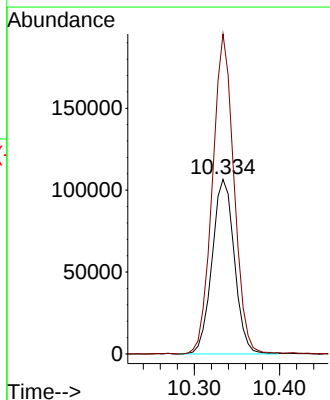
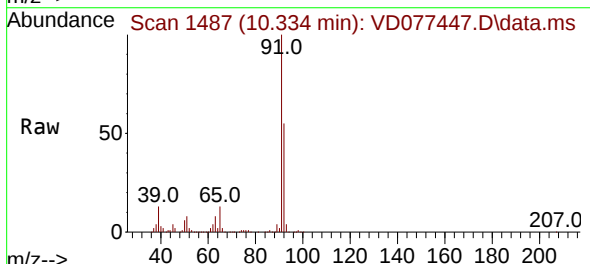
Manual Integrations
APPROVED

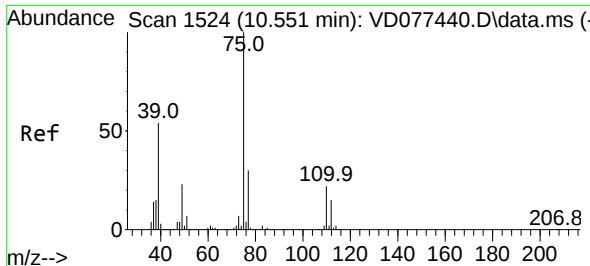
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 19.225 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

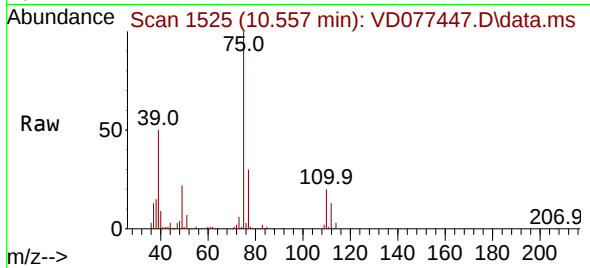
Tgt Ion: 92 Resp: 193633
Ion Ratio Lower Upper
92 100
91 177.4 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.968 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

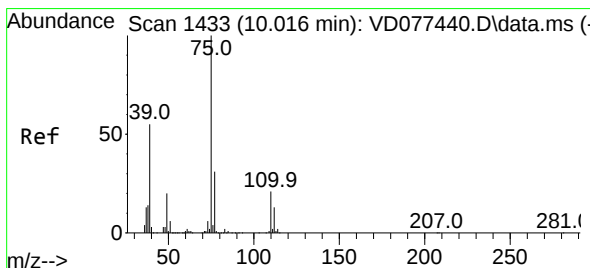
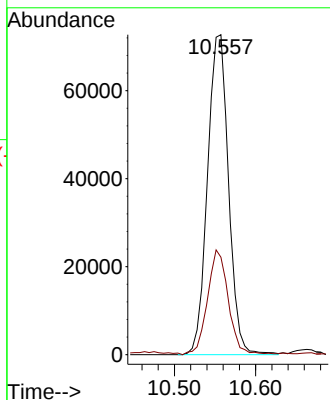
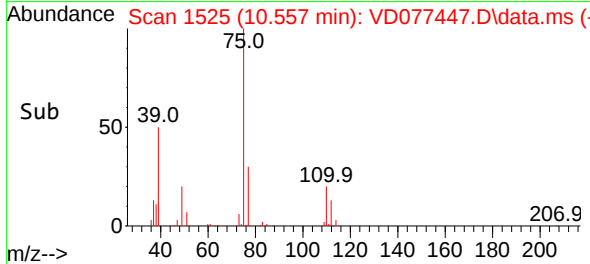
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 75 Resp: 130818
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9

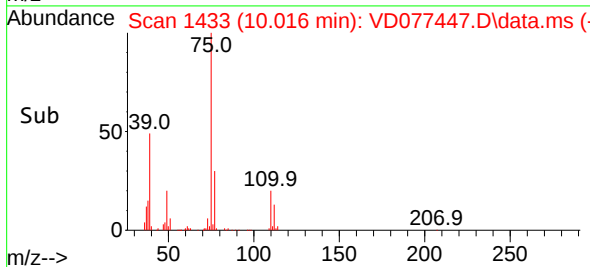
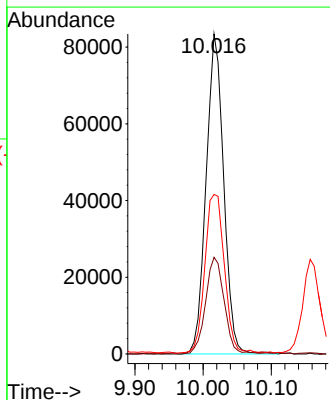
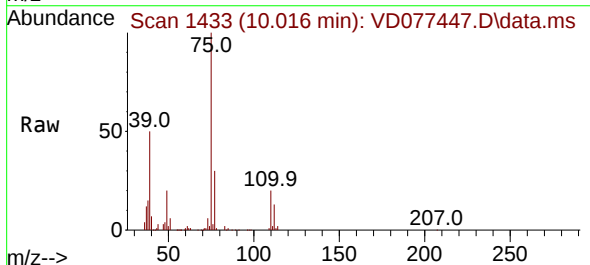
Manual Integrations
APPROVED

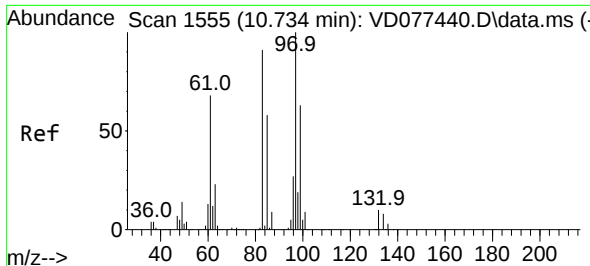
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#54
cis-1,3-Dichloropropene
Concen: 19.885 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

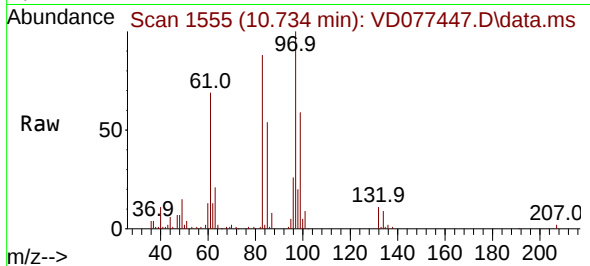
Tgt Ion: 75 Resp: 149913
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 49.6 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.959 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

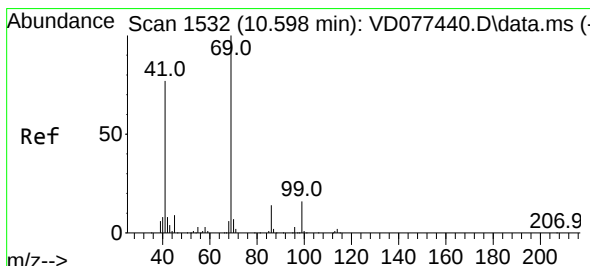
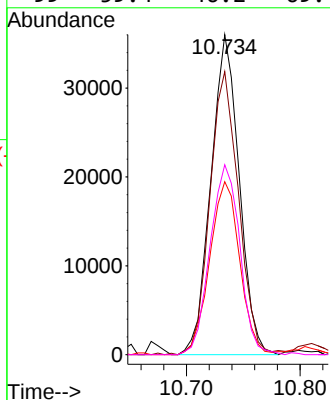
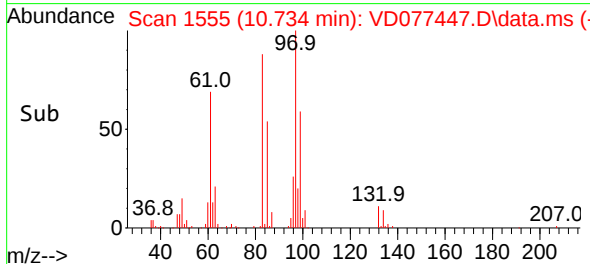
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 97	Resp: 6233
Ion Ratio	Lower Upper
97 100	
83 88.4	65.8 98.6
85 54.0	45.7 68.5
99 59.4	46.2 69.4

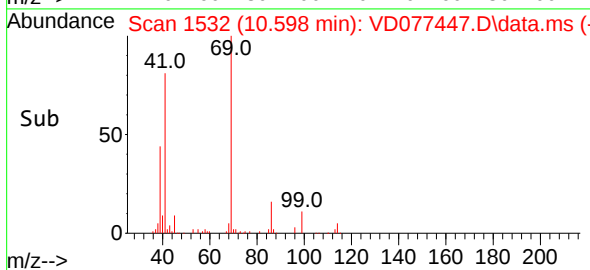
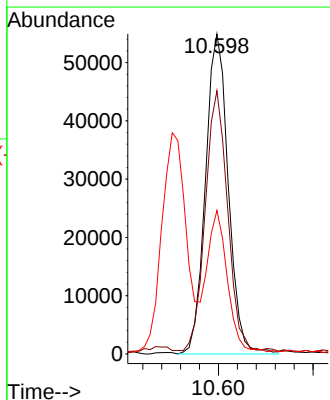
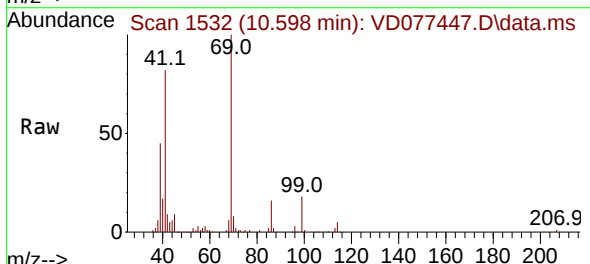
Manual Integrations
APPROVED

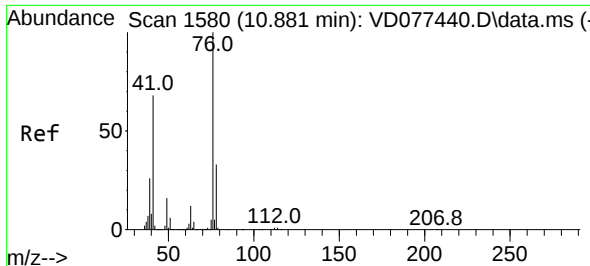
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 19.790 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 69	Resp: 91891
Ion Ratio	Lower Upper
69 100	
41 80.2	39.1 58.7#
39 38.0	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.085 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBSD01

Tgt Ion: 76 Resp: 11724

Ion Ratio Lower Upper

76 100

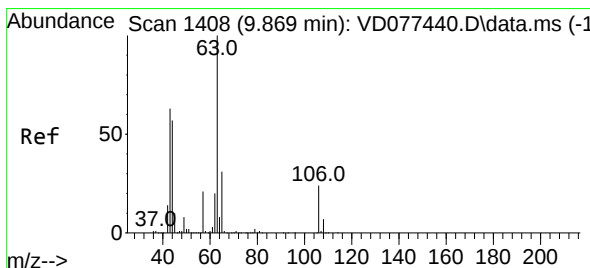
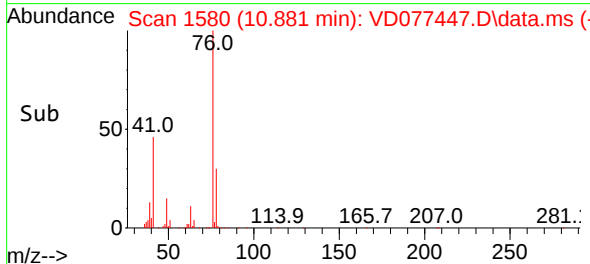
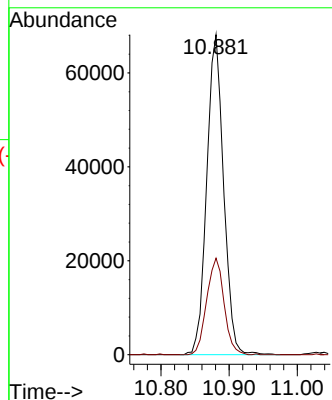
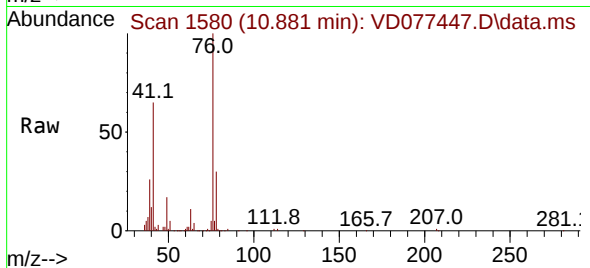
78 31.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.413 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077447.D

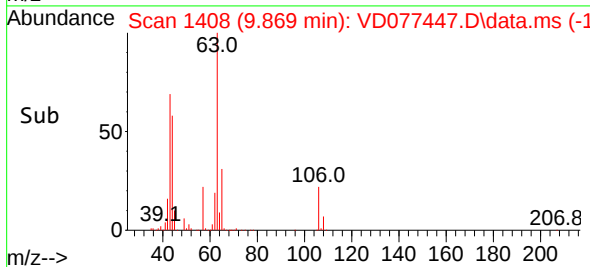
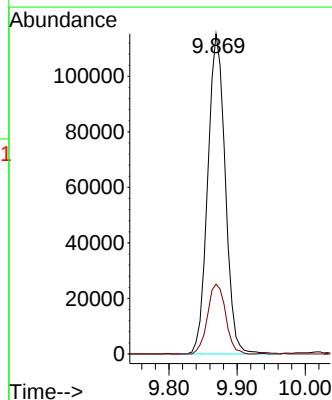
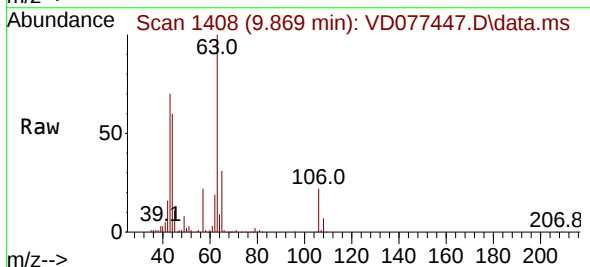
Acq: 30 Oct 2023 15:01

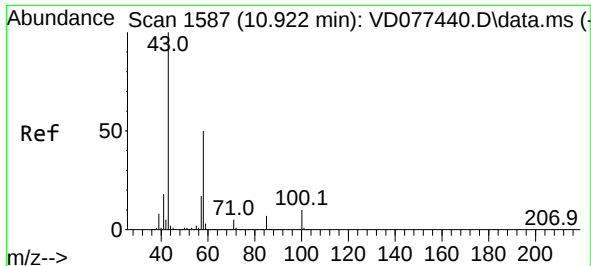
Tgt Ion: 63 Resp: 205527

Ion Ratio Lower Upper

63 100

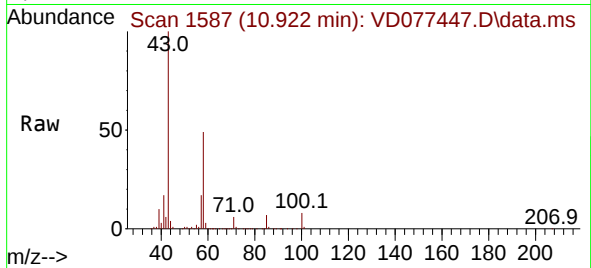
106 22.7 25.3 37.9





#59
2-Hexanone
Concen: 102.889 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

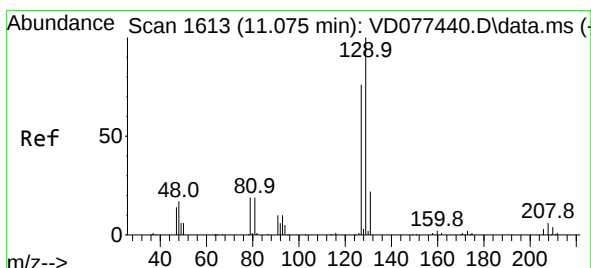
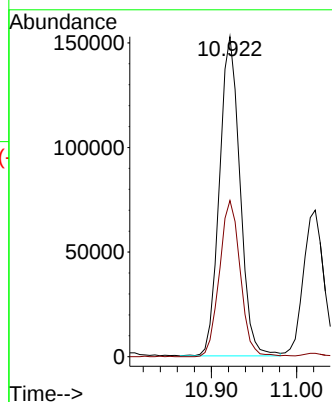
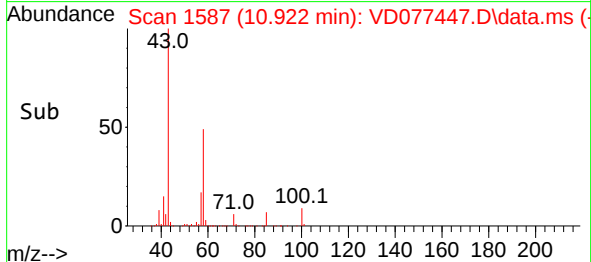
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 43 Resp: 255994
Ion Ratio Lower Upper
43 100
58 49.8 34.1 102.2

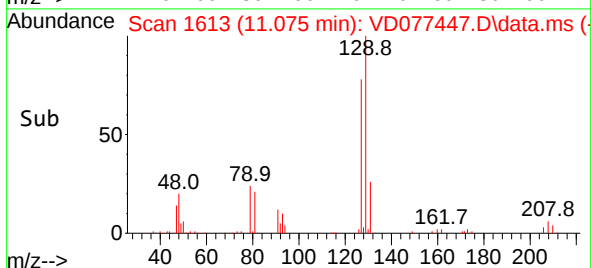
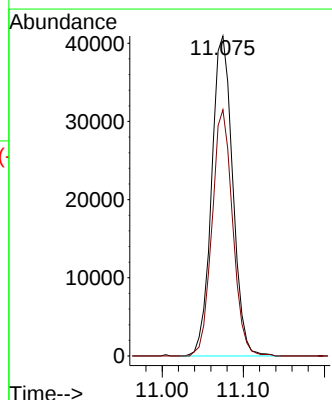
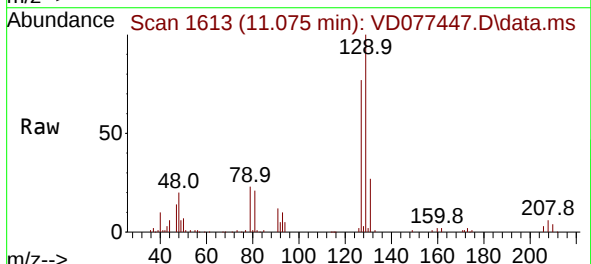
Manual Integrations
APPROVED

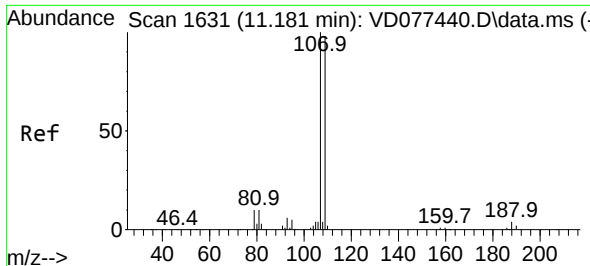
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 19.669 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

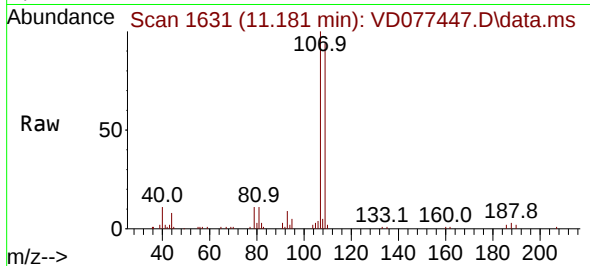
Tgt Ion:129 Resp: 73864
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.169 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

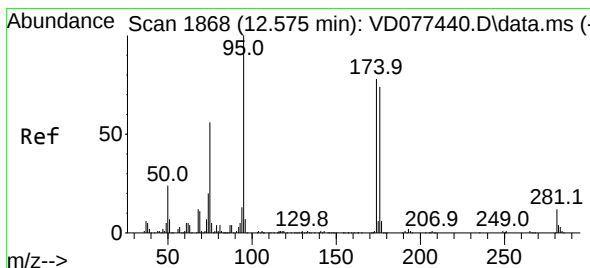
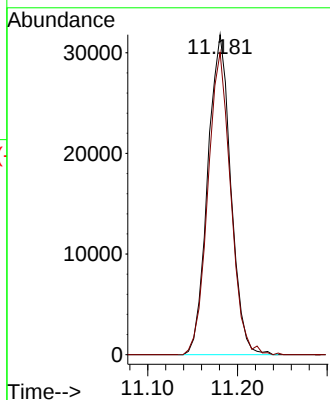
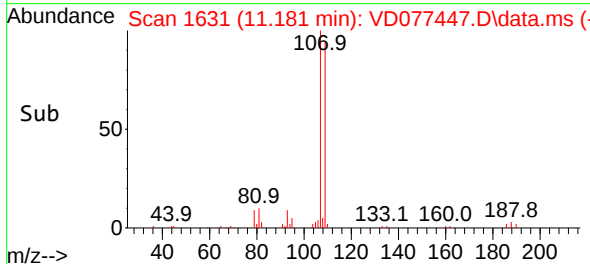
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



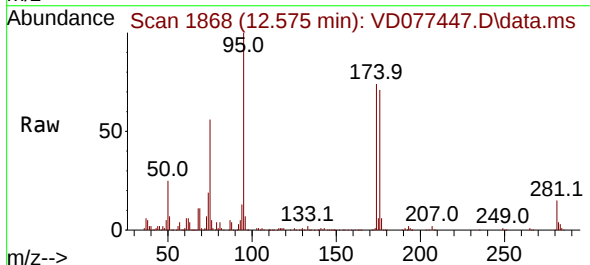
Tgt Ion:107 Resp: 5669
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

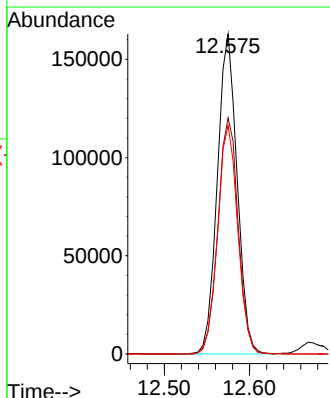
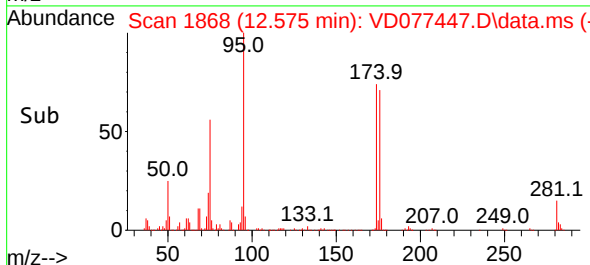
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

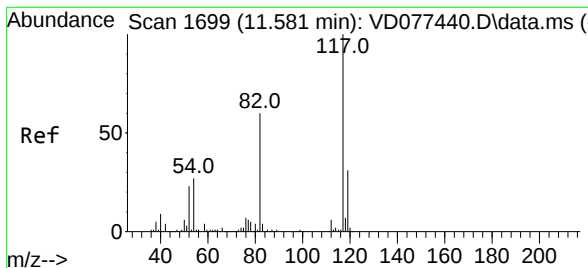


#62
4-Bromofluorobenzene
Concen: 51.458 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



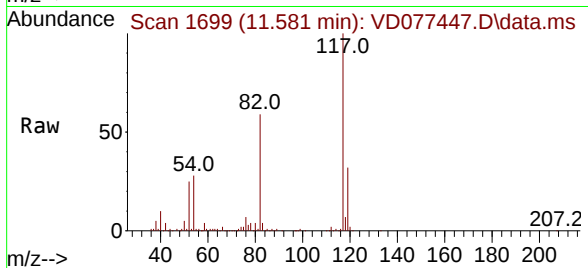
Tgt Ion: 95 Resp: 263076
Ion Ratio Lower Upper
95 100
174 75.3 0.0 201.8
176 72.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

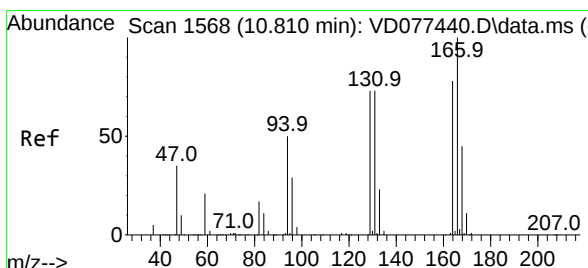
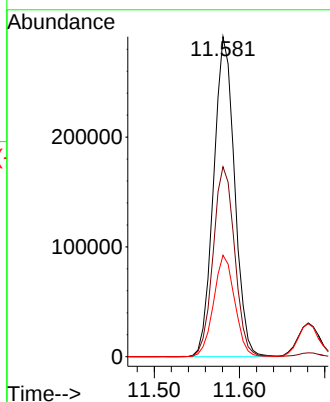
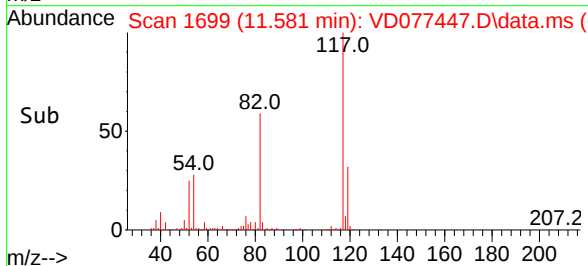
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



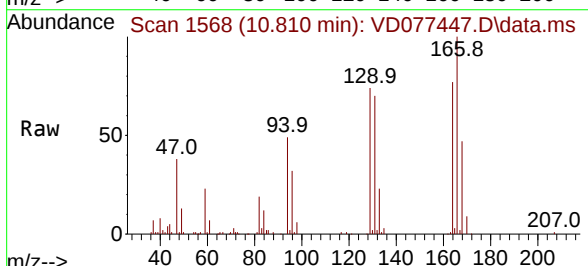
Tgt Ion:117 Resp: 497862
Ion Ratio Lower Upper
117 100
82 59.4 38.3 57.5
119 31.7 25.0 37.4

Manual Integrations
APPROVED

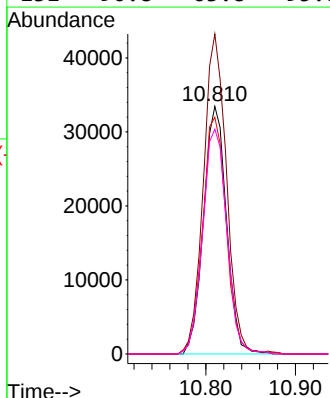
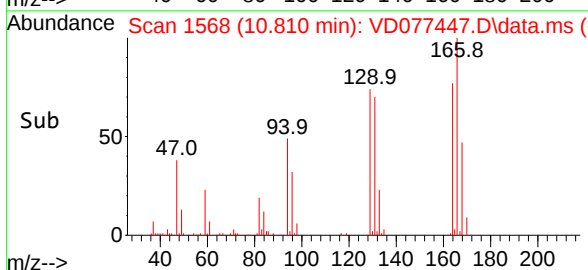
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

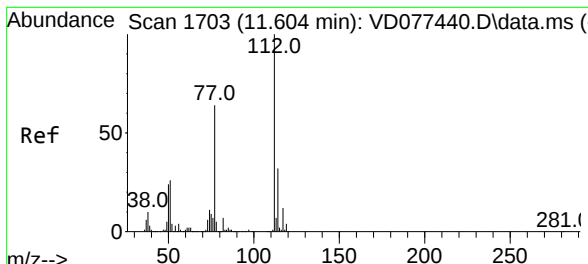


#64
Tetrachloroethene
Concen: 18.711 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



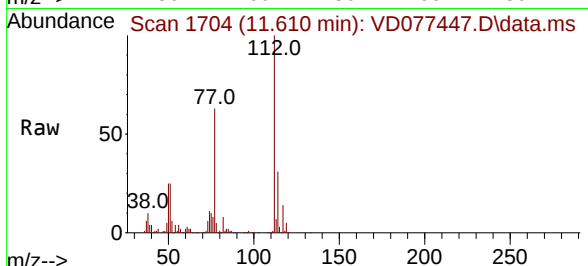
Tgt Ion:164 Resp: 59308
Ion Ratio Lower Upper
164 100
166 129.3 99.2 148.8
129 95.6 68.4 102.6
131 90.8 63.8 95.8





#65
Chlorobenzene
Concen: 19.504 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

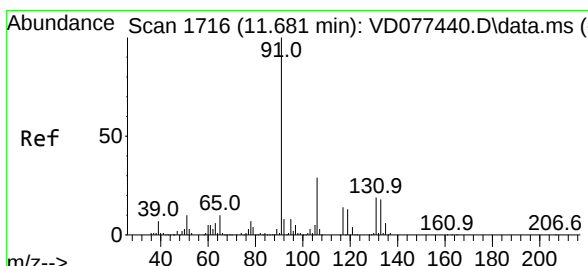
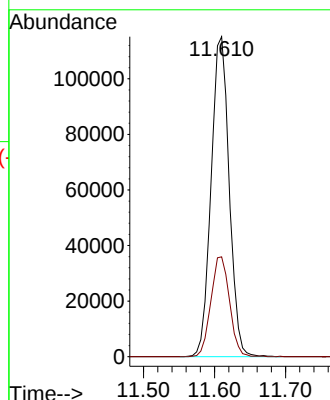
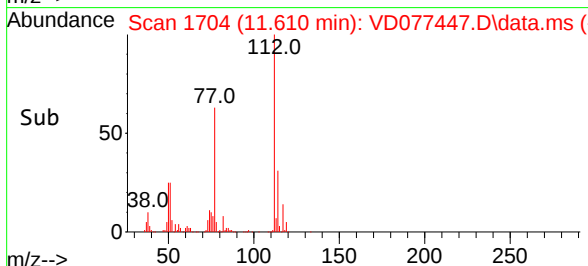
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion:112 Resp: 203429
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

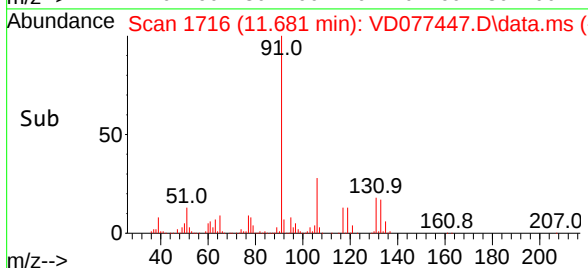
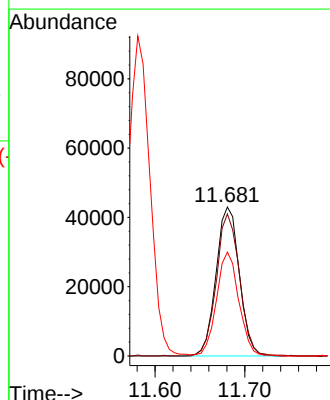
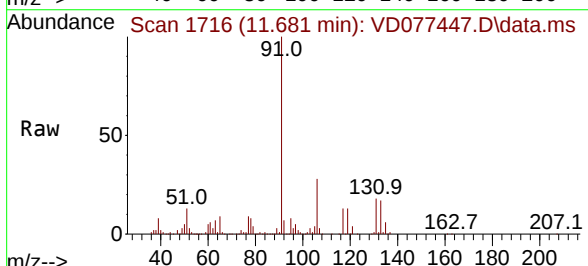
Manual Integrations
APPROVED

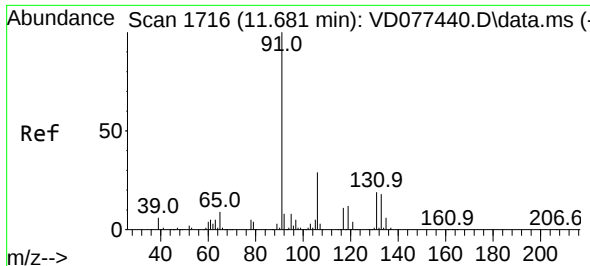
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.688 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Tgt Ion:131 Resp: 77601
Ion Ratio Lower Upper
131 100
133 94.9 48.5 145.5
119 66.7 35.6 106.9





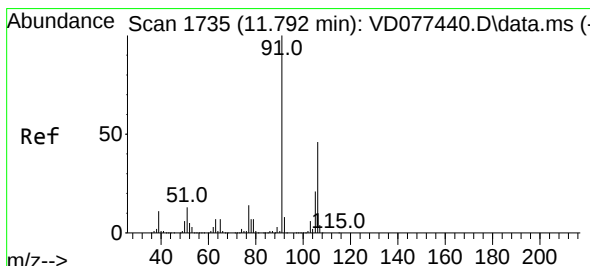
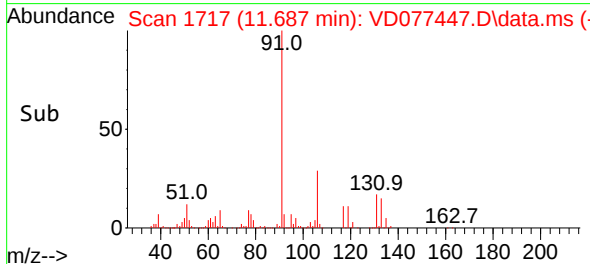
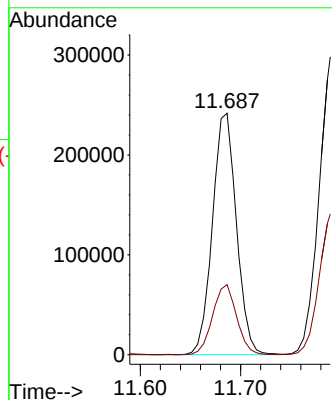
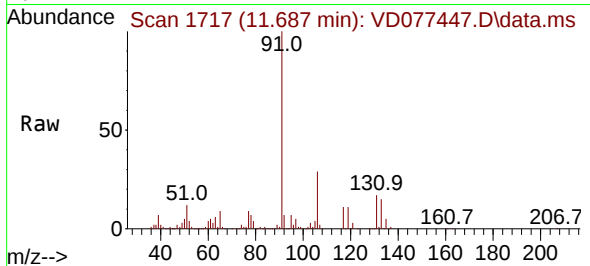
#67
Ethyl Benzene
Concen: 20.014 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01

Tgt Ion: 91 Resp: 401662
Ion Ratio Lower Upper
91 100
106 29.0 26.5 39.7

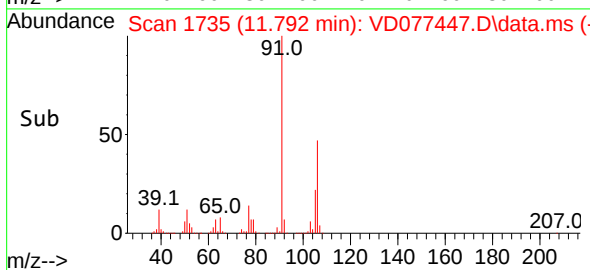
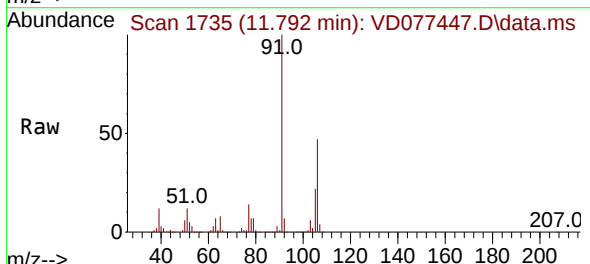
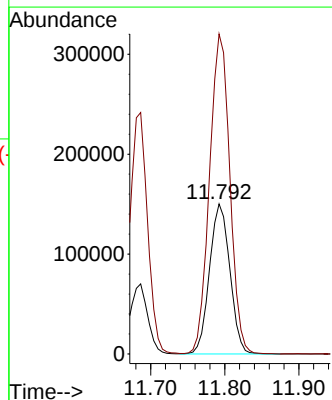
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 39.556 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

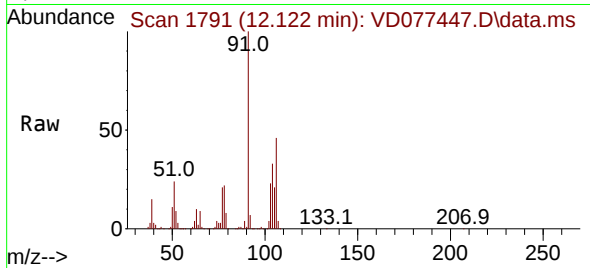
Tgt Ion:106 Resp: 286662
Ion Ratio Lower Upper
106 100
91 213.5 147.0 220.6





#69
o-Xylene
Concen: 19.976 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

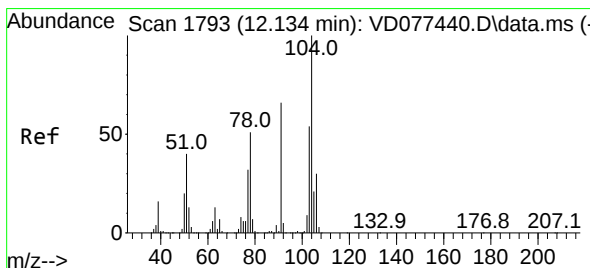
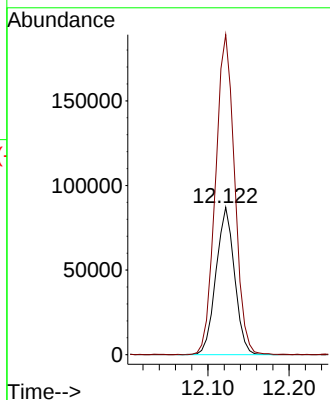
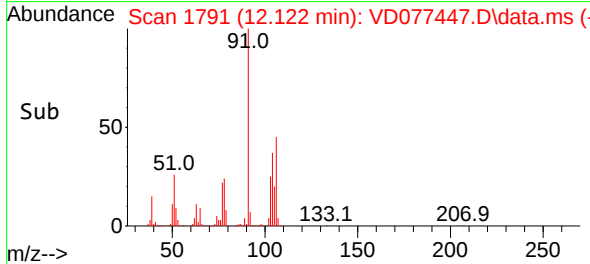
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



Tgt Ion:106 Resp: 138663
Ion Ratio Lower Upper
106 100
91 224.2 97.9 293.6

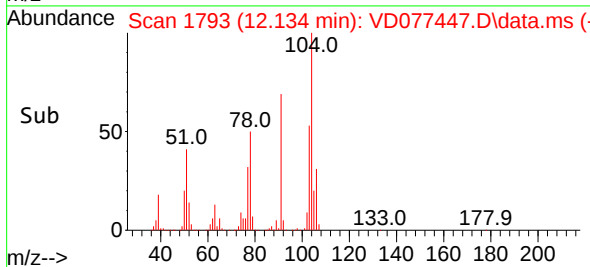
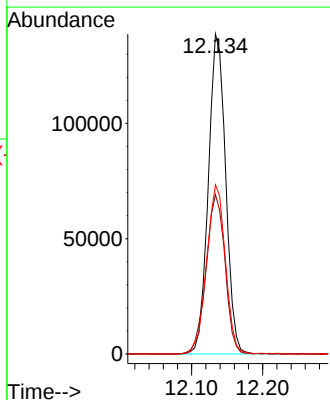
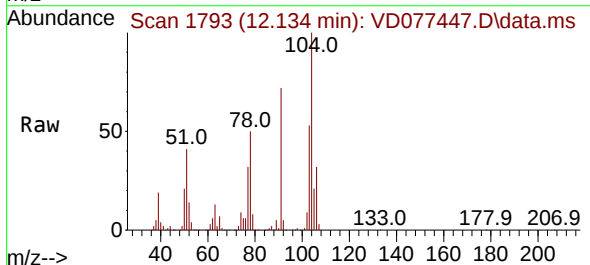
Manual Integrations
APPROVED

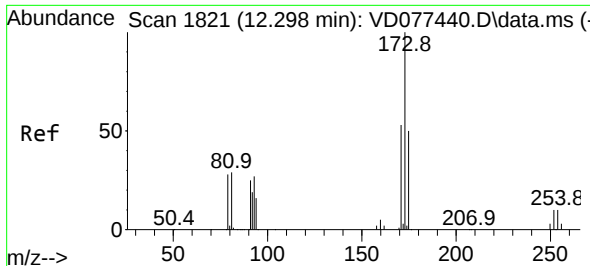
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 19.640 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

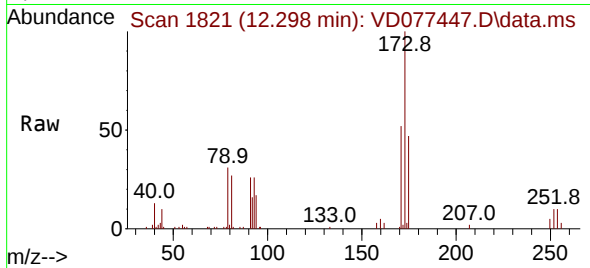
Tgt Ion:104 Resp: 235195
Ion Ratio Lower Upper
104 100
78 54.4 33.2 49.8#
103 57.1 43.6 65.4





#71
Bromoform
Concen: 20.148 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

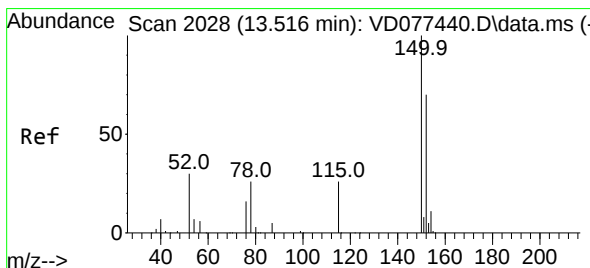
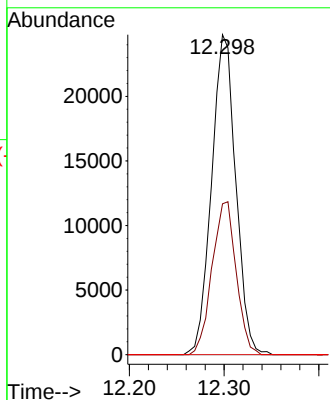
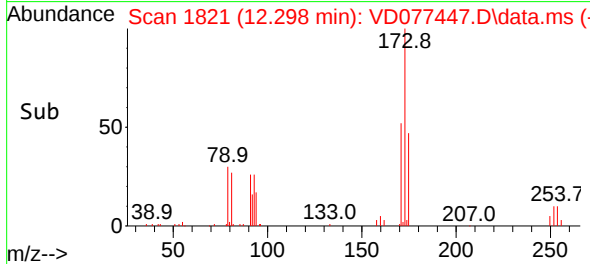
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion:173 Resp: 44020
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.0 0.0

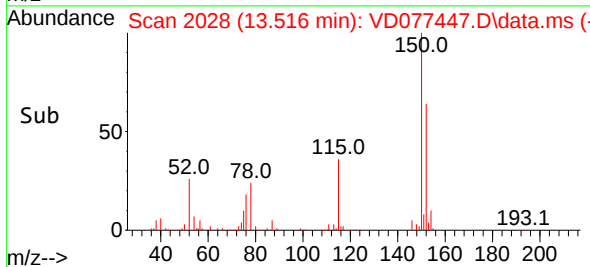
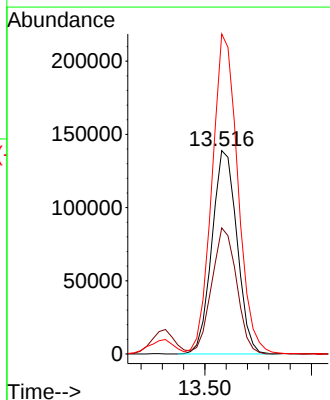
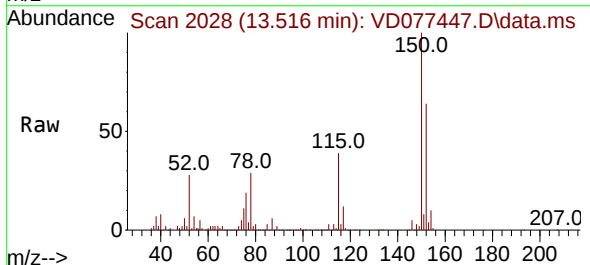
Manual Integrations
APPROVED

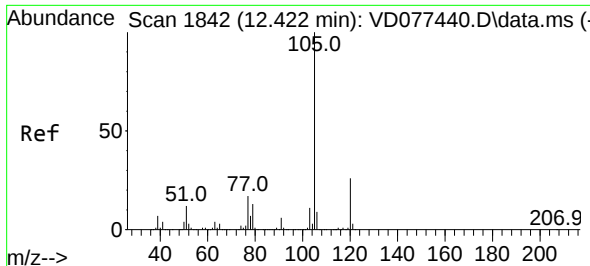
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

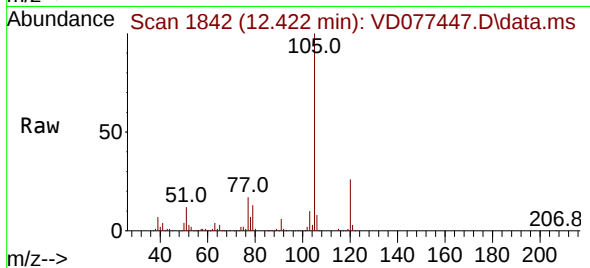
Tgt Ion:152 Resp: 227235
Ion Ratio Lower Upper
152 100
115 61.5 27.1 81.3
150 162.2 0.0 353.6





#73
Isopropylbenzene
Concen: 20.086 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

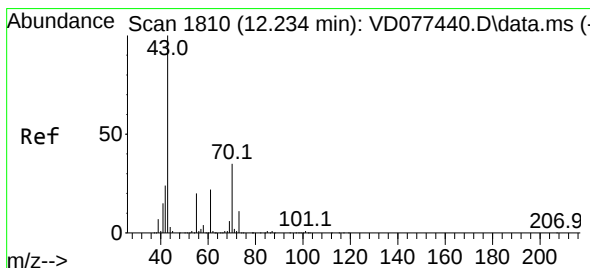
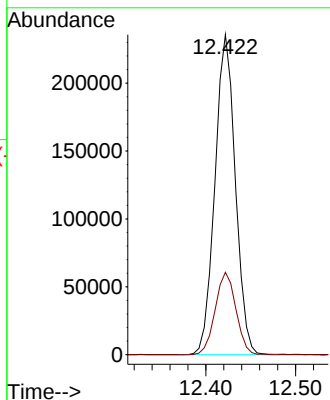
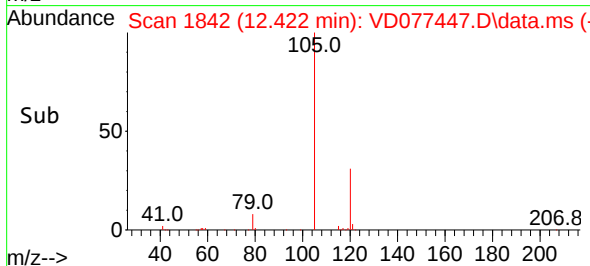
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



Tgt Ion:105 Resp: 37213
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9

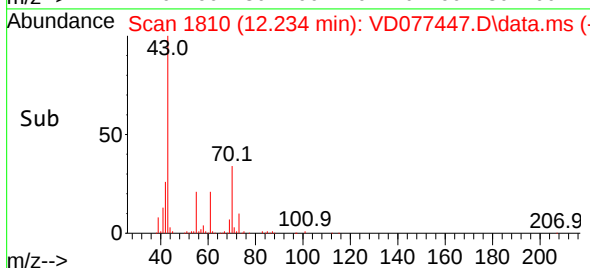
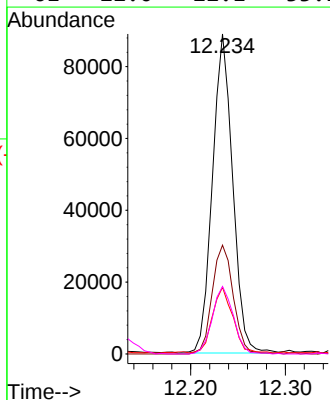
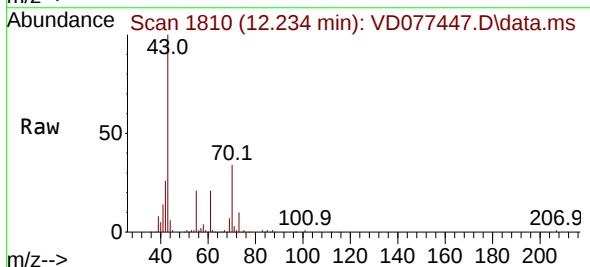
Manual Integrations
APPROVED

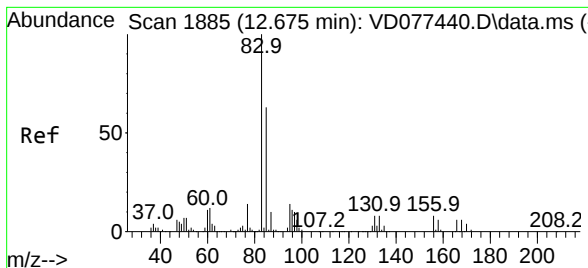
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 20.082 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

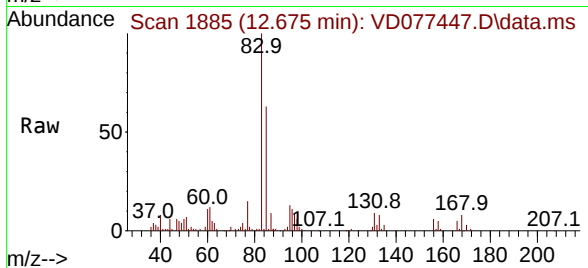
Tgt Ion: 43 Resp: 131782
Ion Ratio Lower Upper
43 100
70 35.5 45.0 67.4#
55 20.4 23.8 35.6#
61 22.0 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.965 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

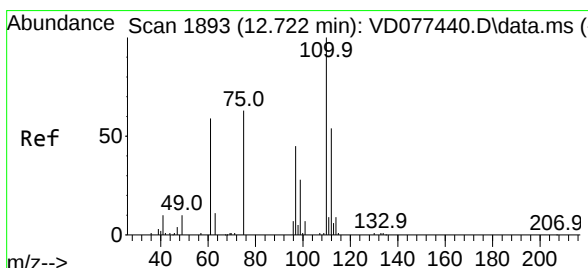
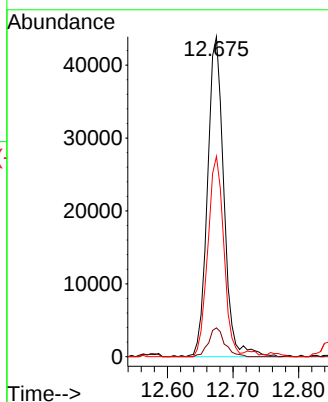
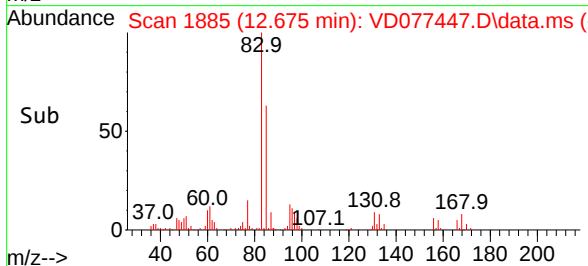
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



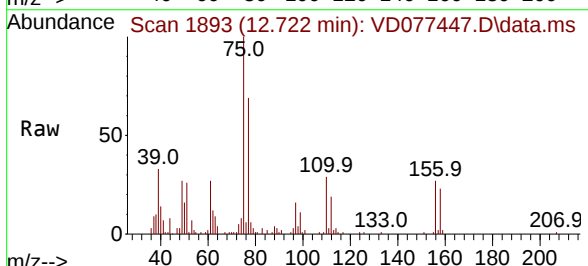
Tgt Ion: 83 Resp: 7613
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 61.1 32.6 97.8

Manual Integrations
APPROVED

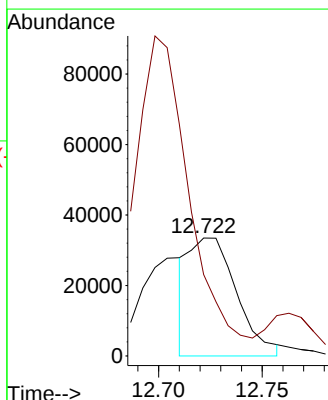
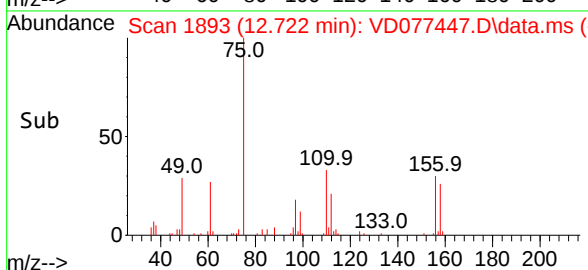
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

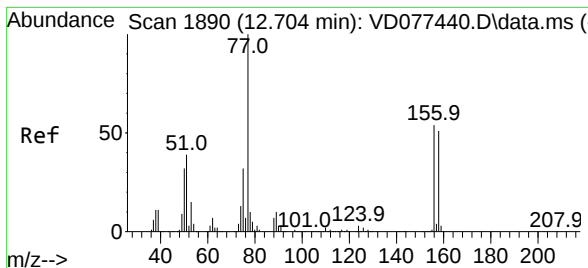


#76
1,2,3-Trichloropropane
Concen: 19.323 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



Tgt Ion: 75 Resp: 53440
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





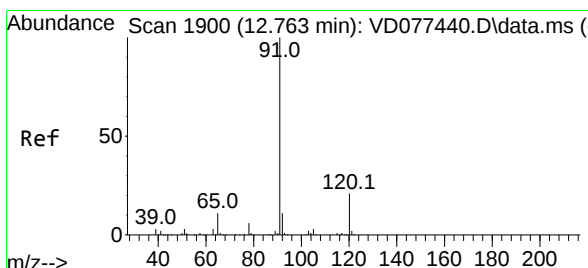
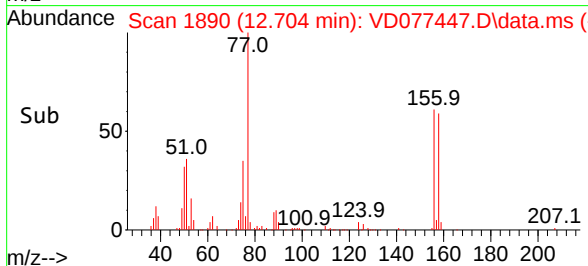
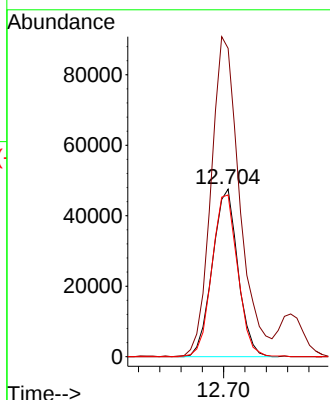
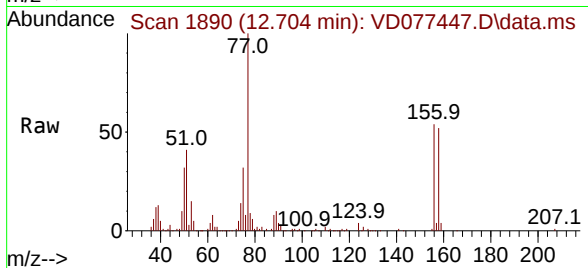
#77
Bromobenzene
Concen: 19.352 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01

Tgt Ion:156 Resp: 78915
Ion Ratio Lower Upper
156 100
77 215.1 76.8 230.4
158 97.5 48.6 145.9

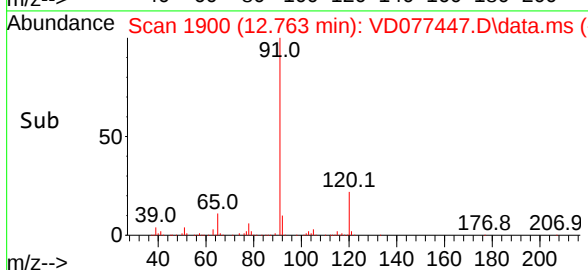
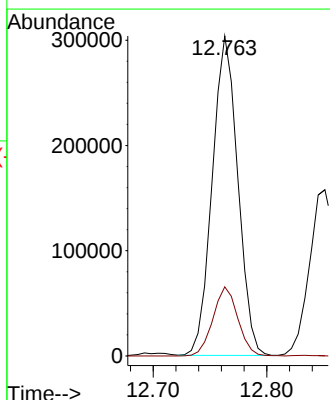
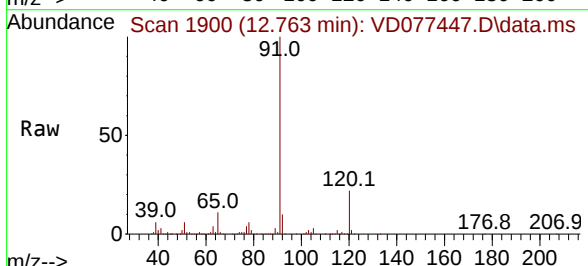
Manual Integrations
APPROVED

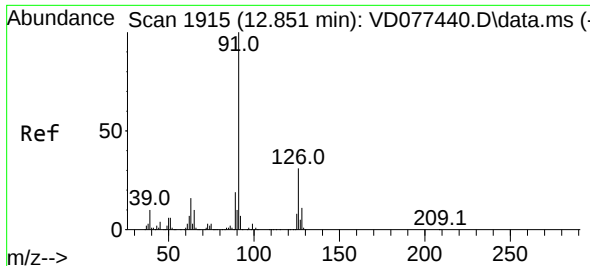
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 20.160 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

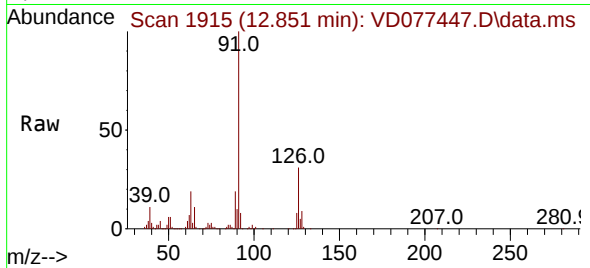
Tgt Ion: 91 Resp: 474241
Ion Ratio Lower Upper
91 100
120 21.1 12.4 37.2





#79
2-Chlorotoluene
Concen: 19.927 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

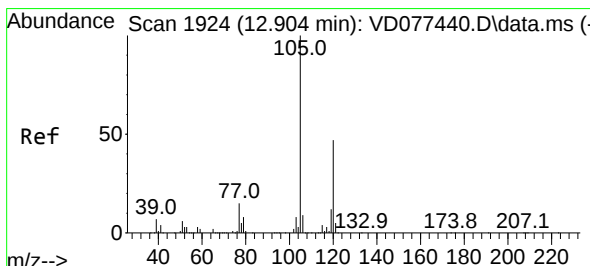
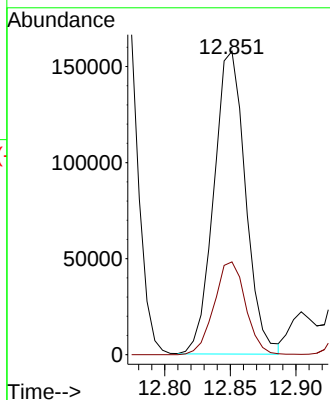
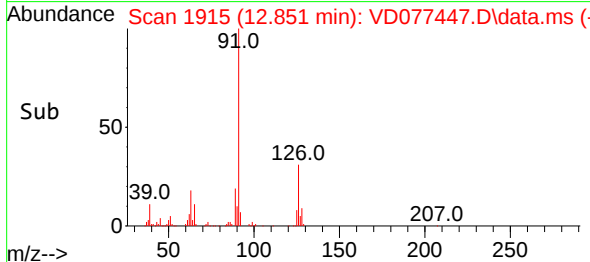
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



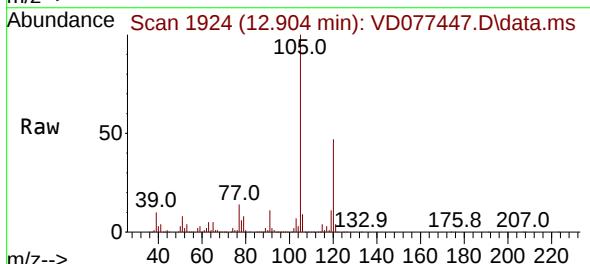
Tgt Ion: 91 Resp: 265414
Ion Ratio Lower Upper
91 100
126 30.4 19.4 58.1

Manual Integrations
APPROVED

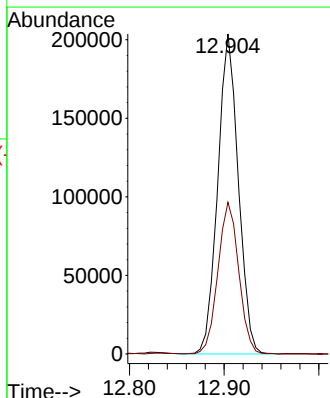
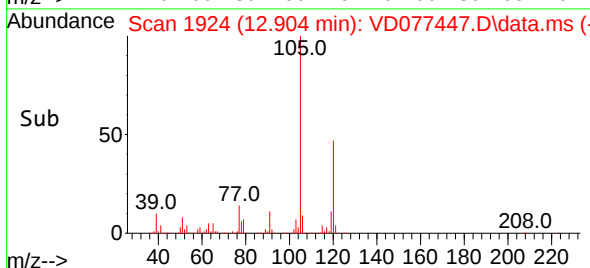
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

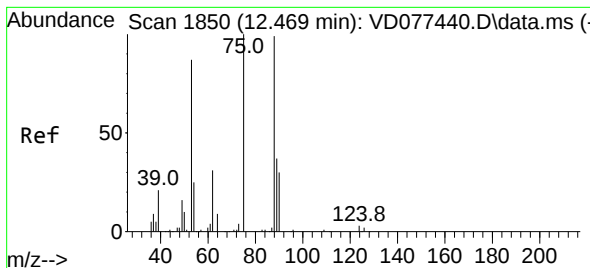


#80
1,3,5-Trimethylbenzene
Concen: 19.800 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



Tgt Ion:105 Resp: 307805
Ion Ratio Lower Upper
105 100
120 47.9 26.4 79.2





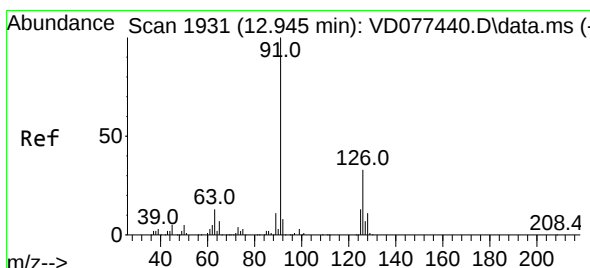
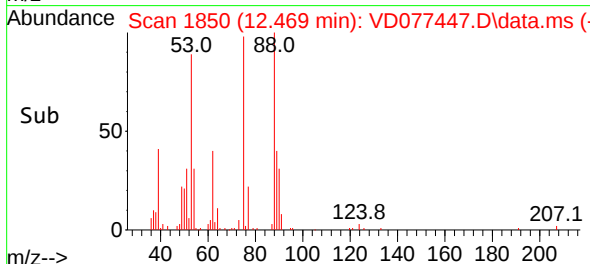
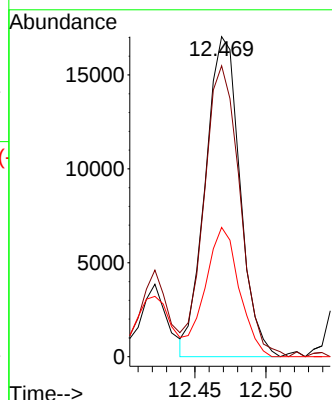
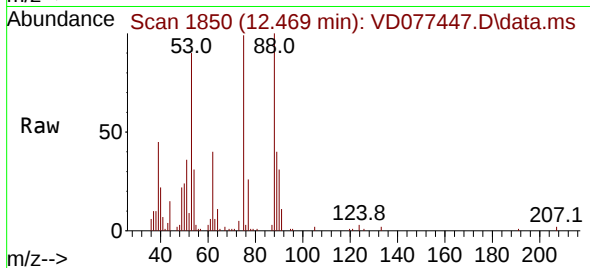
#81
trans-1,4-Dichloro-2-butene
Concen: 20.146 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01

Tgt Ion: 75 Resp: 2884
Ion Ratio Lower Upper
75 100
53 93.6 63.0 94.4
89 40.2 37.9 56.9

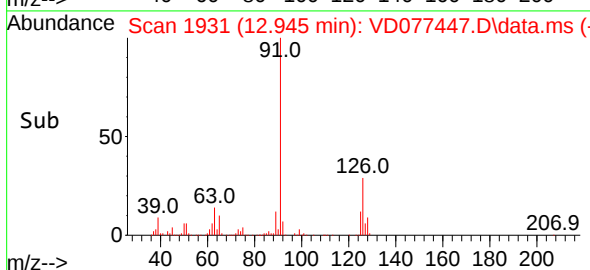
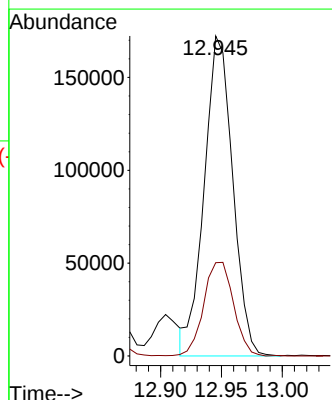
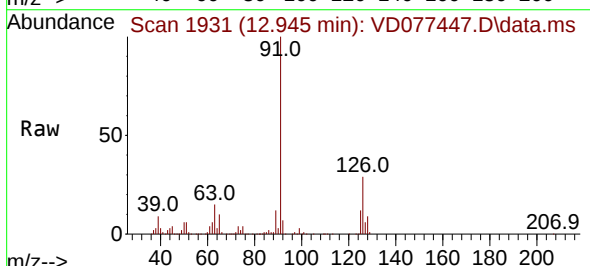
Manual Integrations
APPROVED

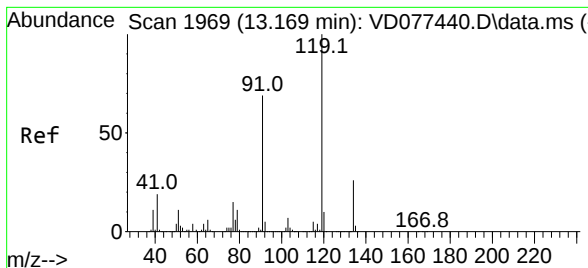
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 20.220 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

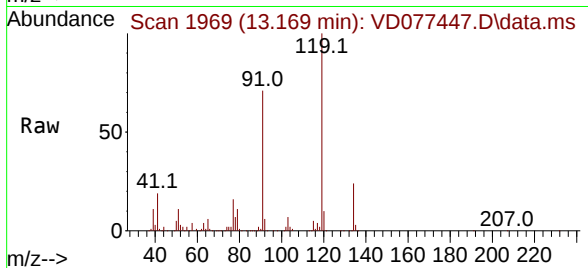
Tgt Ion: 91 Resp: 280526
Ion Ratio Lower Upper
91 100
126 30.7 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

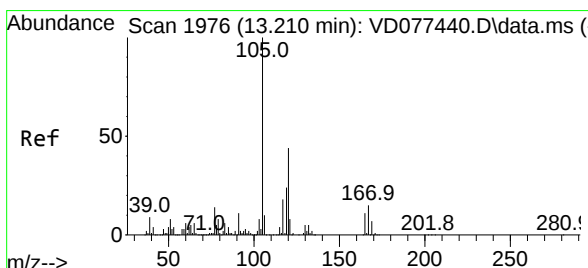
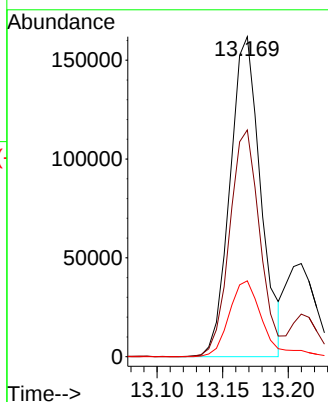
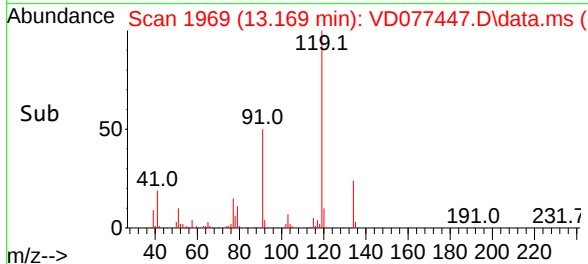
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



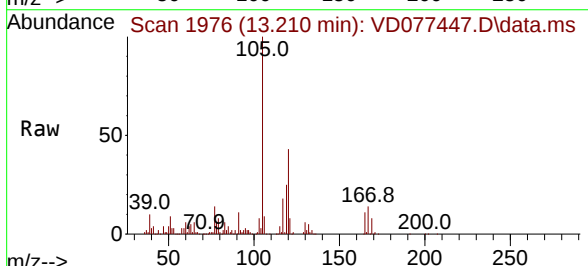
Tgt Ion:119 Resp: 26348
Ion Ratio Lower Upper
119 100
91 69.7 29.3 87.8
134 25.9 14.1 42.3

Manual Integrations
APPROVED

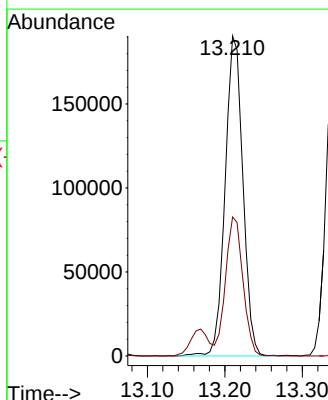
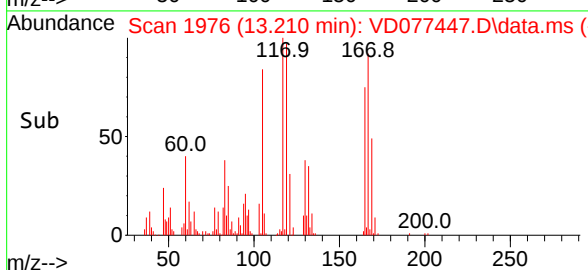
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

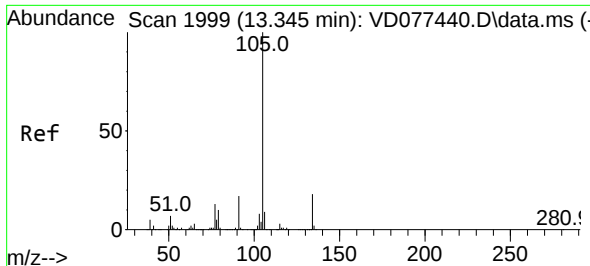


#84
1,2,4-Trimethylbenzene
Concen: 19.646 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



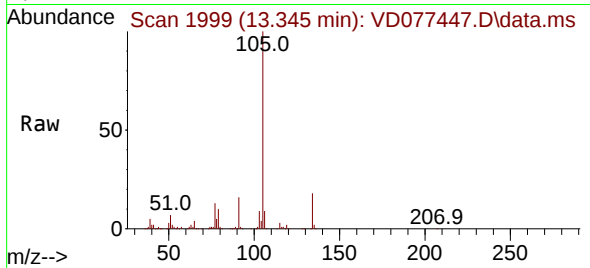
Tgt Ion:105 Resp: 303381
Ion Ratio Lower Upper
105 100
120 42.5 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.369 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

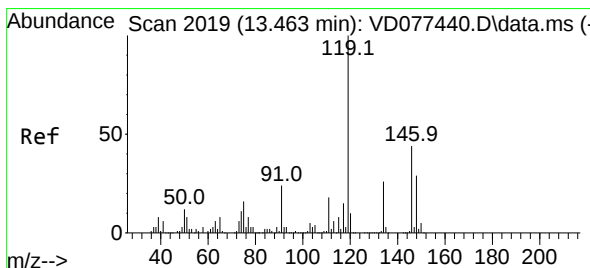
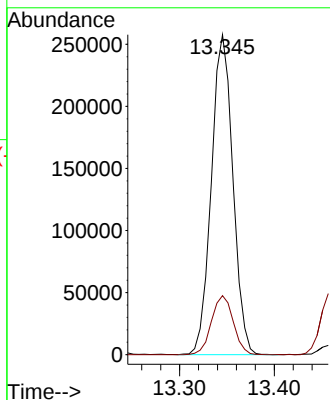
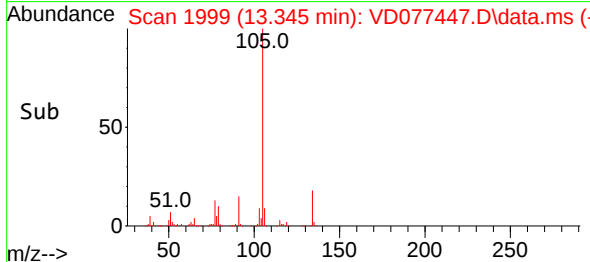
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBSD01



Tgt Ion:105 Resp: 407338
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.9 32.9

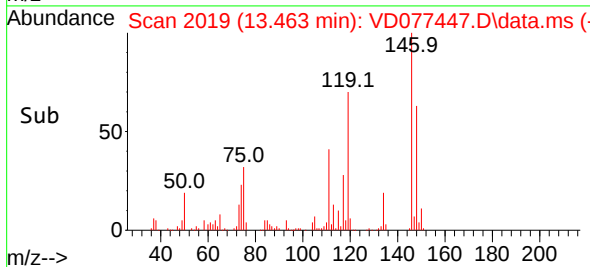
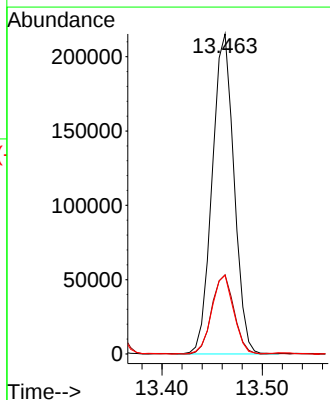
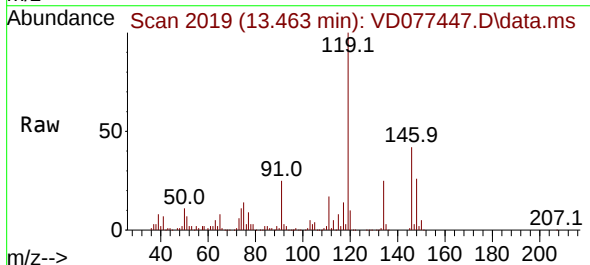
Manual Integrations
 APPROVED

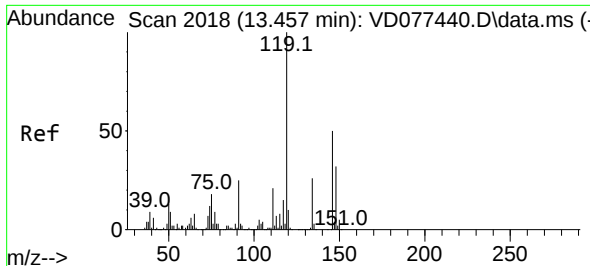
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 19.995 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

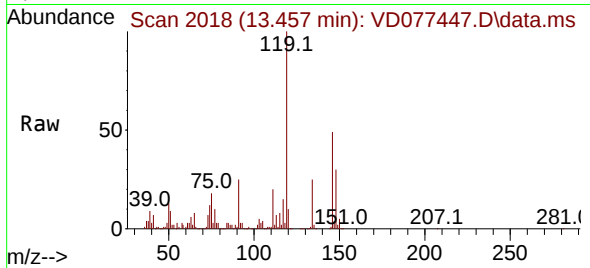
Tgt Ion:119 Resp: 325013
 Ion Ratio Lower Upper
 119 100
 134 25.1 14.2 42.6
 91 24.6 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 19.755 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

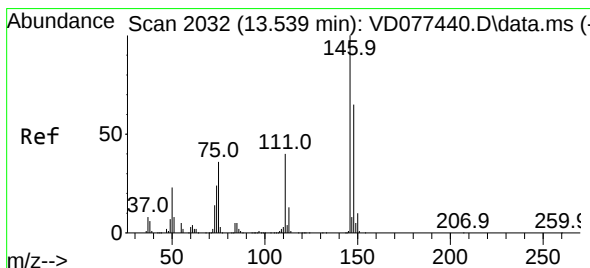
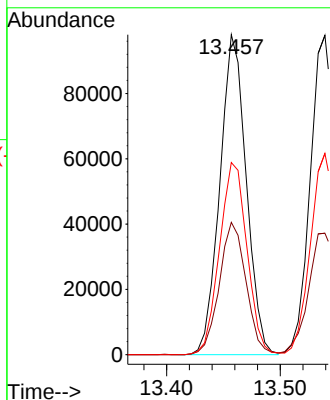
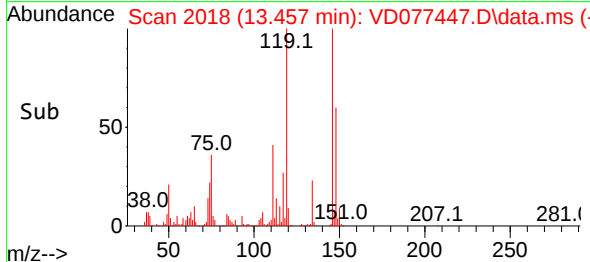
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBSD01



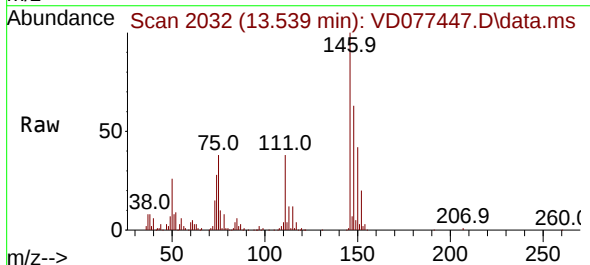
Tgt Ion:146 Resp: 158350
Ion Ratio Lower Upper
146 100
111 41.9 17.9 53.8
148 62.6 32.3 96.8

Manual Integrations
APPROVED

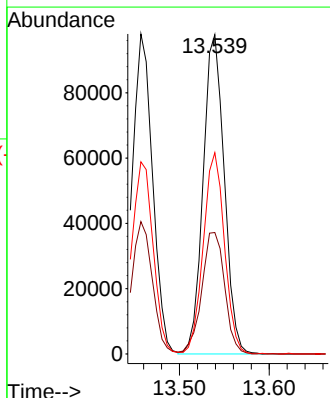
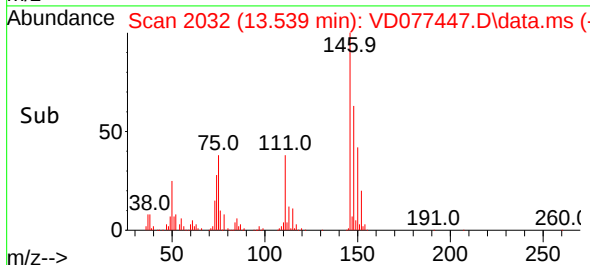
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

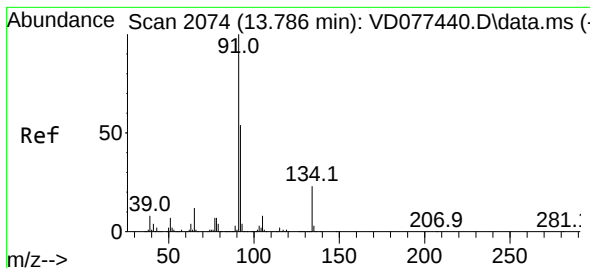


#88
1,4-Dichlorobenzene
Concen: 19.990 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01



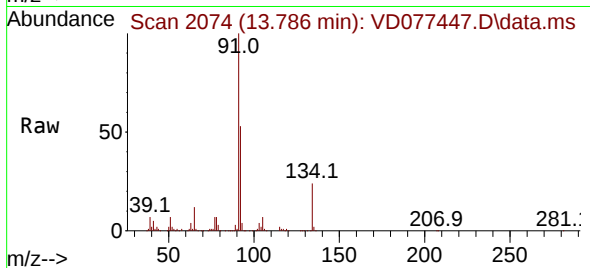
Tgt Ion:146 Resp: 160097
Ion Ratio Lower Upper
146 100
111 41.3 17.4 52.3
148 63.1 31.7 95.1





#89
n-Butylbenzene
Concen: 20.445 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

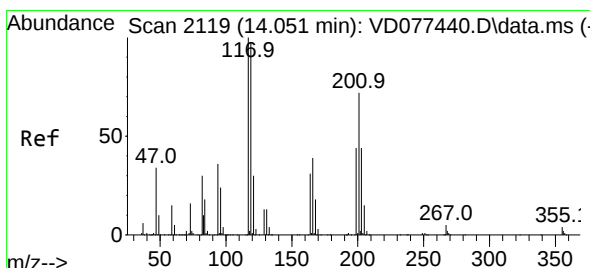
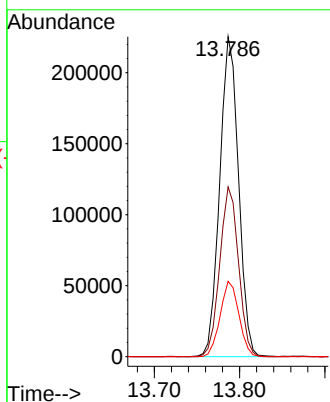
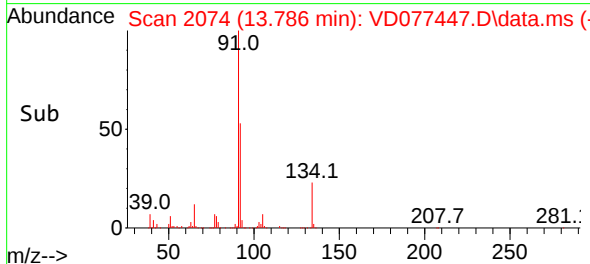
Instrument :
MSVOA_D
ClientSampleId :
VD1030SBS01



Tgt Ion: 91 Resp: 345410
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 23.4 13.8 41.3

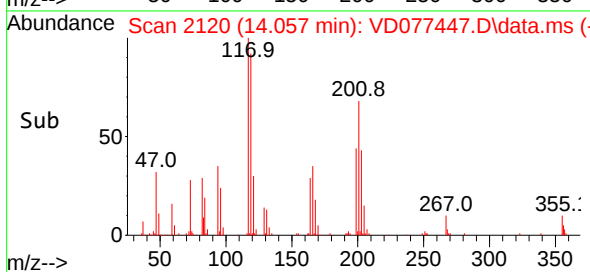
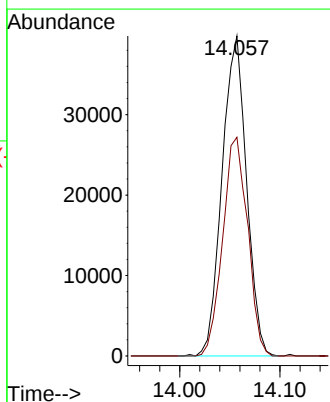
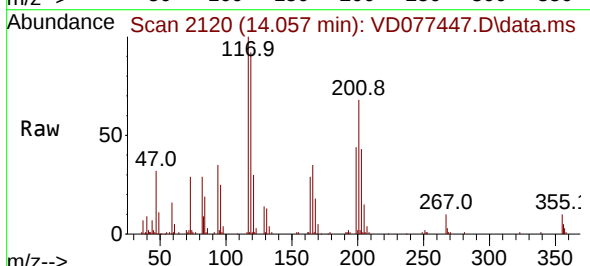
Manual Integrations
APPROVED

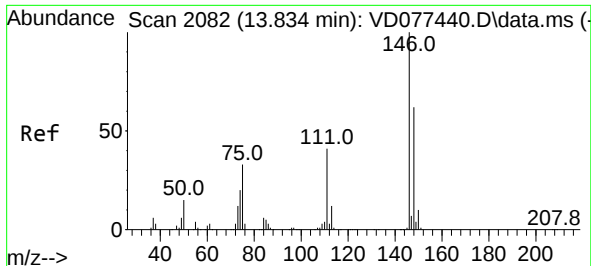
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 20.268 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077447.D
Acq: 30 Oct 2023 15:01

Tgt Ion:117 Resp: 67418
Ion Ratio Lower Upper
117 100
201 69.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.328 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01

Tgt Ion:146 Resp: 136159

Ion Ratio Lower Upper

146 100

111 43.1 18.3 54.8

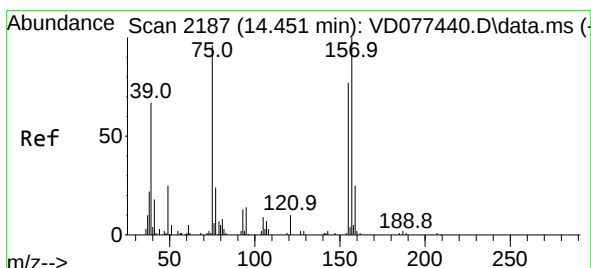
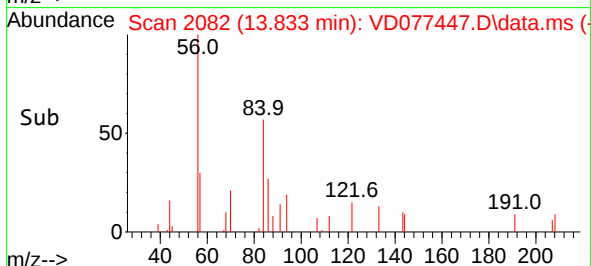
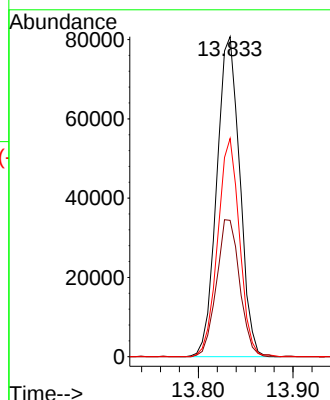
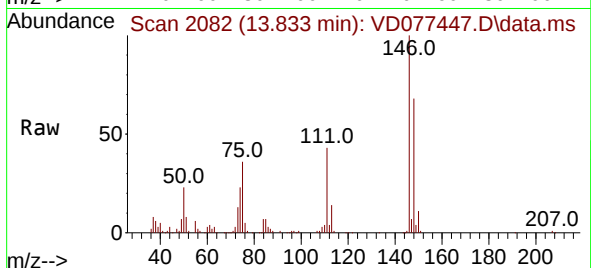
148 64.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.947 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077447.D

Acq: 30 Oct 2023 15:01

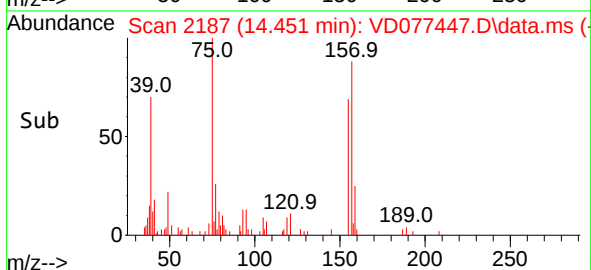
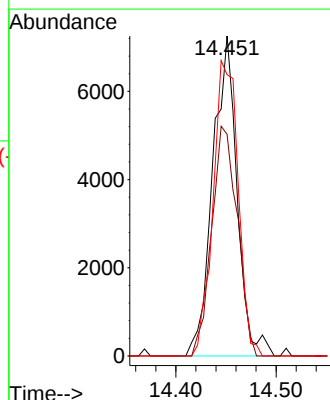
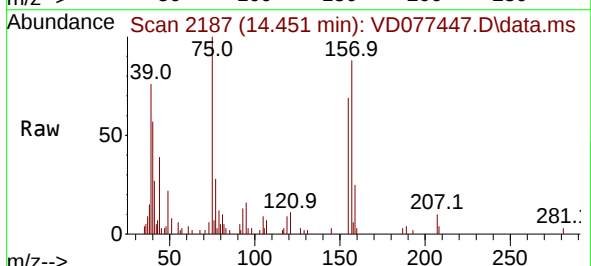
Tgt Ion: 75 Resp: 12204

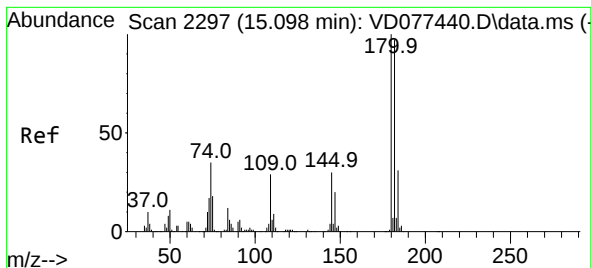
Ion Ratio Lower Upper

75 100

155 75.7 47.9 143.8

157 94.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.344 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077447.D

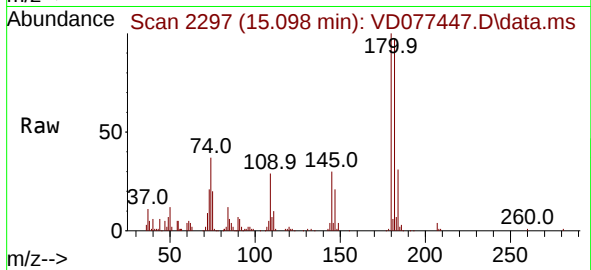
Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD1030SBS01



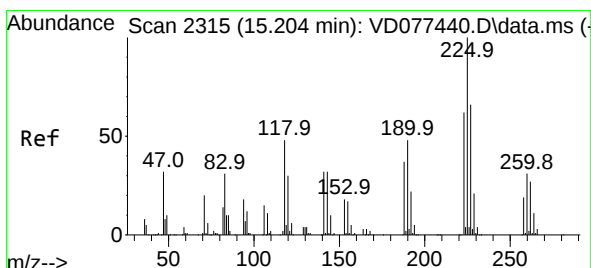
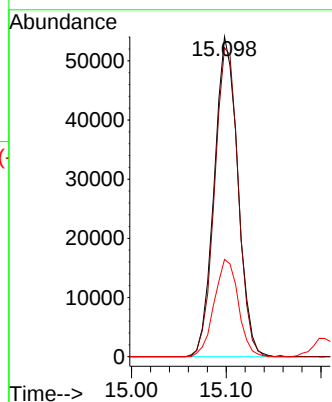
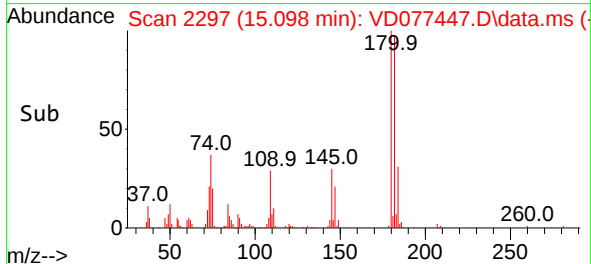
Tgt Ion:	180	Resp:	93618
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.5	145.6
145	31.0	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#94

Hexachlorobutadiene

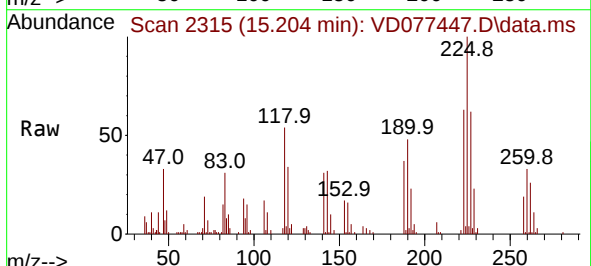
Concen: 19.622 ug/l

RT: 15.204 min Scan# 2315

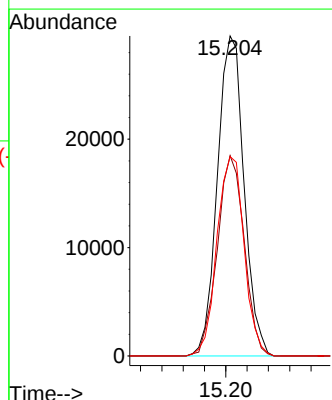
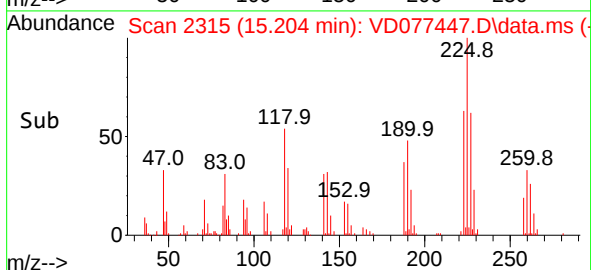
Delta R.T. -0.000 min

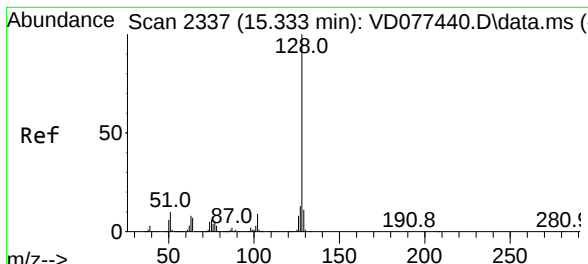
Lab File: VD077447.D

Acq: 30 Oct 2023 15:01



Tgt Ion:	225	Resp:	51222
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.6	94.8
227	63.5	31.7	95.1





#95
 Naphthalene
 Concen: 19.462 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. -0.000 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

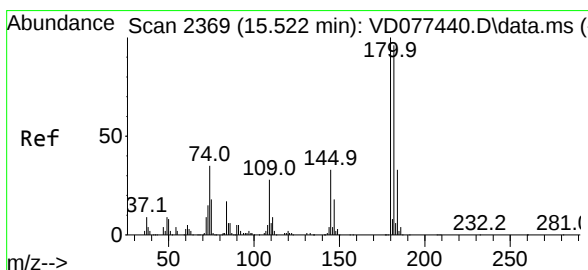
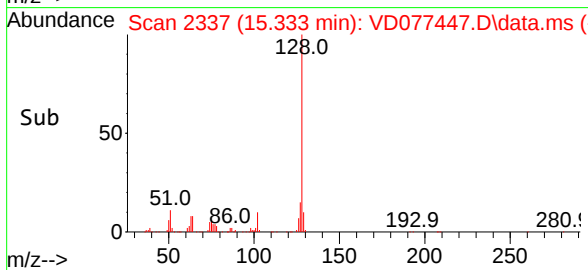
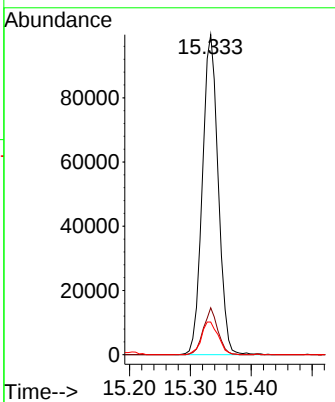
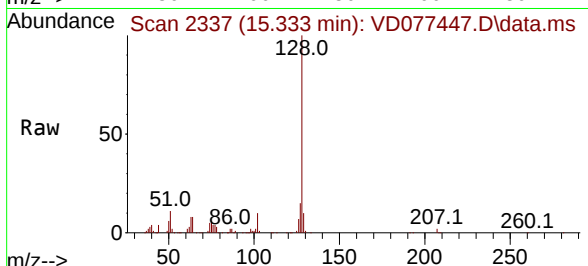
Instrument : MSVOA_D
 ClientSampleId : VD1030SBSD01

Tgt Ion:128 Resp: 179672

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	10.2	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#96
 1,2,3-Trichlorobenzene
 Concen: 19.067 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD077447.D
 Acq: 30 Oct 2023 15:01

Tgt Ion:180 Resp: 79652

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.9
145	31.9	15.1	45.3

