

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077437.D
 Acq On : 30 Oct 2023 09:11
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 03:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	379240	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	659305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	592534	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	270074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27098	5.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.100%	#	
35) Dibromofluoromethane	7.810	113	22861	5.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.040%	#	
50) Toluene-d8	10.269	98	86787	4.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.800%	#	
62) 4-Bromofluorobenzene	12.575	95	31080	5.213	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.420%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	15567	5.091	ug/l	99
3) Chloromethane	2.152	50	22027	4.537	ug/l	90
4) Vinyl Chloride	2.287	62	19901	4.204	ug/l	98
5) Bromomethane	2.699	94	10846	4.372	ug/l	97
6) Chloroethane	2.840	64	15103	4.738	ug/l	96
7) Trichlorofluoromethane	3.181	101	29569	4.460	ug/l	93
8) Diethyl Ether	3.599	74	11018	4.623	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	3.964	101	18661	4.662	ug/l #	91
10) Methyl Iodide	4.164	142	15216	5.969	ug/l	90
11) Tert butyl alcohol	5.052	59	13386	31.512	ug/l #	81
12) 1,1-Dichloroethene	3.946	96	17475	4.612	ug/l #	69
13) Acrolein	3.799	56	14029	25.044	ug/l #	79
14) Allyl chloride	4.564	41	38253	4.185	ug/l #	80
15) Acrylonitrile	5.252	53	31639	24.559	ug/l	93
16) Acetone	4.022	43	37605	26.501	ug/l #	78
17) Carbon Disulfide	4.275	76	36034	6.608	ug/l	96
18) Methyl Acetate	4.564	43	26057	5.034	ug/l #	77
19) Methyl tert-butyl Ether	5.322	73	59318	4.987	ug/l #	90
20) Methylene Chloride	4.811	84	38039	4.952	ug/l #	65
21) trans-1,2-Dichloroethene	5.311	96	20892	4.734	ug/l #	75
22) Diisopropyl ether	6.216	45	92827	4.778	ug/l #	88
23) Vinyl Acetate	6.158	43	210285m	24.886	ug/l	
24) 1,1-Dichloroethane	6.116	63	48153	4.777	ug/l	95
25) 2-Butanone	7.087	43	52209	27.584	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	47186	5.282	ug/l	86
27) cis-1,2-Dichloroethene	7.081	96	25987	4.753	ug/l	62
28) Bromochloromethane	7.422	49	16820	5.631	ug/l #	1
29) Tetrahydrofuran	7.446	42	29288	26.090	ug/l #	70
30) Chloroform	7.599	83	44671	4.746	ug/l	90
31) Cyclohexane	7.881	56	42827	5.109	ug/l #	72
32) 1,1,1-Trichloroethane	7.799	97	35964	4.638	ug/l	96
36) 1,1-Dichloropropene	8.010	75	30127	4.459	ug/l	89
37) Ethyl Acetate	7.169	43	20241	5.220	ug/l #	89
38) Carbon Tetrachloride	7.987	117	30576	4.803	ug/l	95
39) Methylcyclohexane	9.275	83	35062	4.548	ug/l #	80
40) Benzene	8.252	78	89468	4.644	ug/l	98

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 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12837	5.174	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	30005	4.917	ug/l	97
43) Isopropyl Acetate	8.363	43	40563	5.069	ug/l #	82
44) Trichloroethene	9.028	130	22171	4.698	ug/l	88
45) 1,2-Dichloropropane	9.305	63	26564	4.683	ug/l	98
46) Dibromomethane	9.393	93	13833	5.068	ug/l	88
47) Bromodichloromethane	9.587	83	35153	4.872	ug/l #	94
48) Methyl methacrylate	9.381	41	19044	4.986	ug/l #	68
49) 1,4-Dioxane	9.387	88	3008	102.557	ug/l #	37
51) 4-Methyl-2-Pentanone	10.157	43	103697	26.330	ug/l #	79
52) Toluene	10.334	92	54670	4.655	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	36999	4.843	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	41783	4.753	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	19066	5.235	ug/l	95
56) Ethyl methacrylate	10.599	69	28022	5.175	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	33088	4.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	66768	24.631	ug/l #	85
59) 2-Hexanone	10.922	43	75154	25.904	ug/l	80
60) Dibromochloromethane	11.075	129	22215	5.073	ug/l	99
61) 1,2-Dibromoethane	11.181	107	17450	5.060	ug/l	99
64) Tetrachloroethene	10.810	164	17605	4.667	ug/l	92
65) Chlorobenzene	11.610	112	58689	4.728	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	23403	4.989	ug/l	94
67) Ethyl Benzene	11.687	91	111410	4.664	ug/l	94
68) m/p-Xylenes	11.793	106	80289	9.309	ug/l	78
69) o-Xylene	12.122	106	37689	4.562	ug/l	74
70) Styrene	12.140	104	68141	4.781	ug/l #	90
71) Bromoform	12.304	173	13609	5.233	ug/l #	99
73) Isopropylbenzene	12.422	105	102635	4.661	ug/l	95
74) N-amyl acetate	12.234	43	39466	5.060	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	21305	4.936	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	17174m	4.759	ug/l	
77) Bromobenzene	12.704	156	23778	4.906	ug/l	71
78) n-propylbenzene	12.763	91	131355	4.698	ug/l	93
79) 2-Chlorotoluene	12.851	91	74651	4.716	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	89240	4.830	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.469	75	8790	5.165	ug/l #	83
82) 4-Chlorotoluene	12.951	91	77809	4.719	ug/l	91
83) tert-Butylbenzene	13.169	119	71943	4.631	ug/l	87
84) 1,2,4-Trimethylbenzene	13.216	105	88375	4.815	ug/l	91
85) sec-Butylbenzene	13.345	105	112618	4.738	ug/l	95
86) p-Isopropyltoluene	13.463	119	90703	4.695	ug/l	90
87) 1,3-Dichlorobenzene	13.457	146	45509	4.777	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	46751	4.912	ug/l	92
89) n-Butylbenzene	13.793	91	94131	4.688	ug/l	96
90) Hexachloroethane	14.057	117	18820	4.761	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	40819	4.875	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4059	5.582	ug/l	69
93) 1,2,4-Trichlorobenzene	15.098	180	26879	4.673	ug/l	98
94) Hexachlorobutadiene	15.210	225	13915	4.485	ug/l	97
95) Naphthalene	15.334	128	53480	4.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	24427	4.920	ug/l	99

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

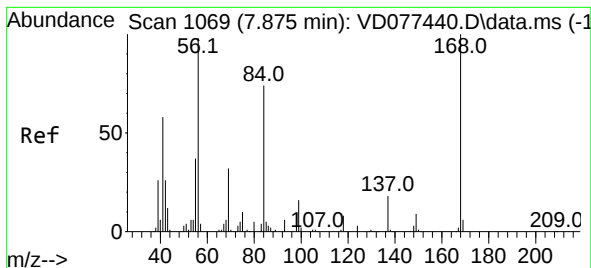
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 03:53:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

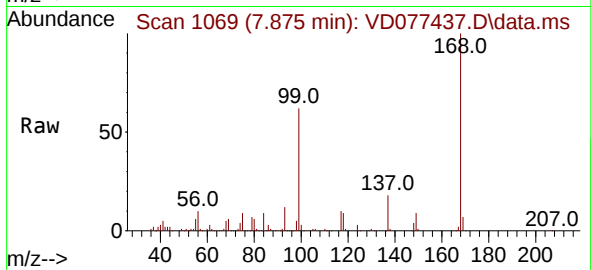
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

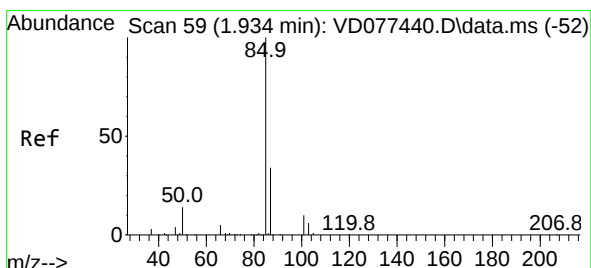
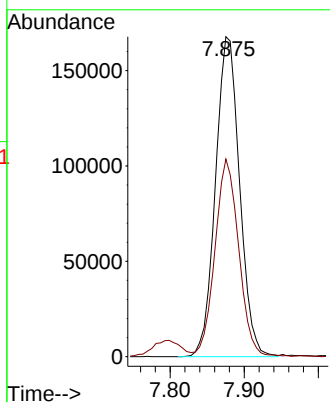
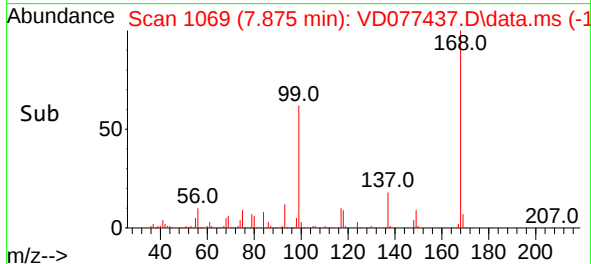
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



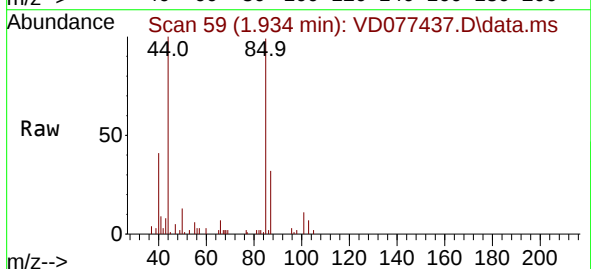
Tgt Ion:168 Resp: 379240
Ion Ratio Lower Upper
168 100
99 61.4 36.7 55.1

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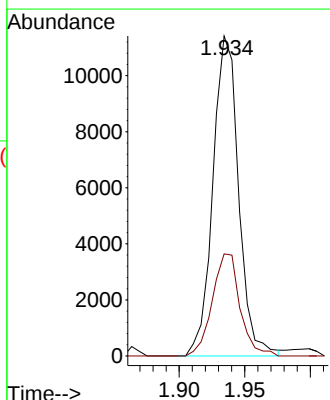
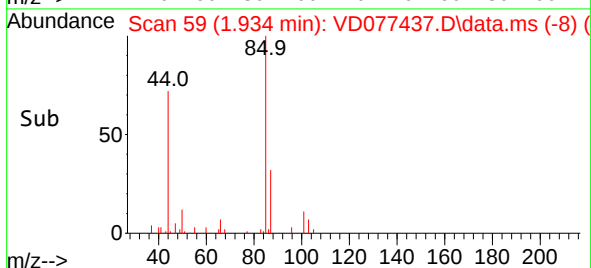
Reviewed By :John Carlone 10/31/2023
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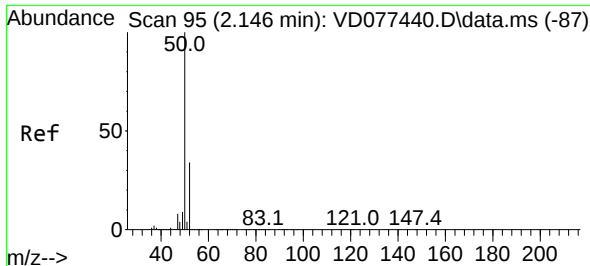


#2
Dichlorodifluoromethane
Concen: 5.091 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



Tgt Ion: 85 Resp: 15567
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





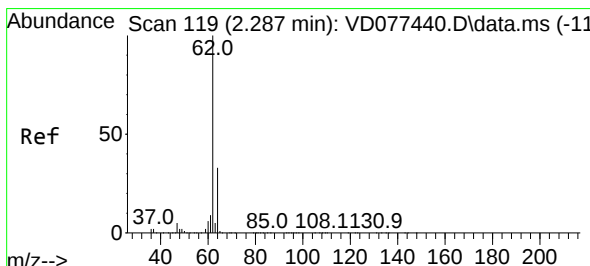
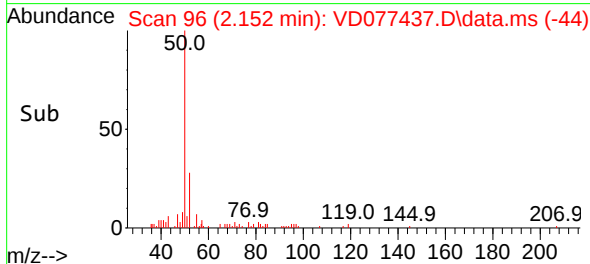
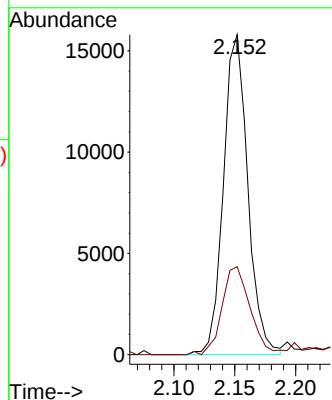
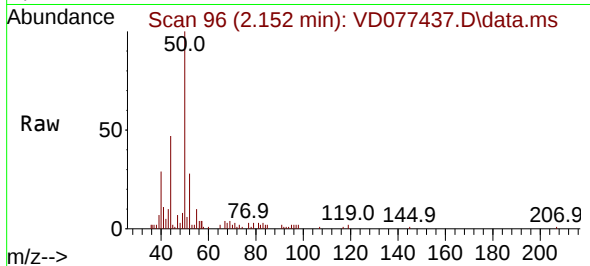
#3
Chloromethane
Concen: 4.537 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 2202
Ion Ratio Lower Upper
50 100
52 27.5 26.6 40.0

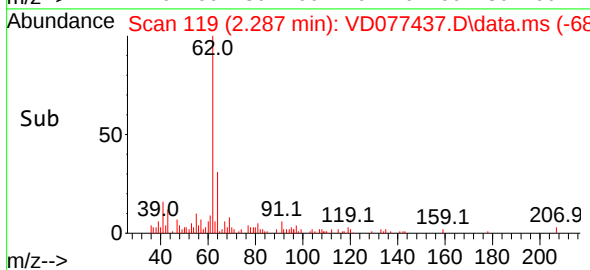
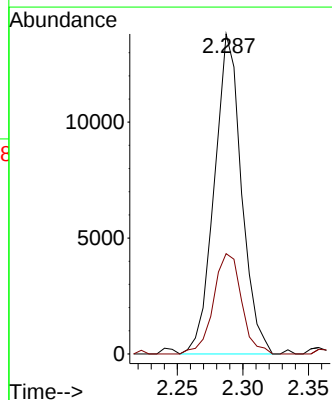
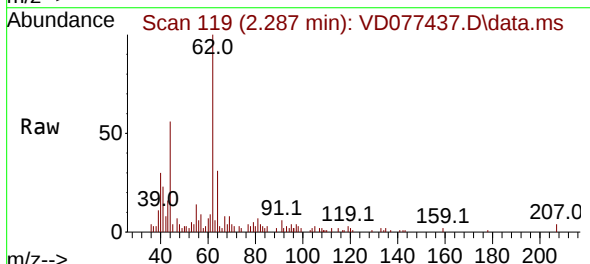
Manual Integrations
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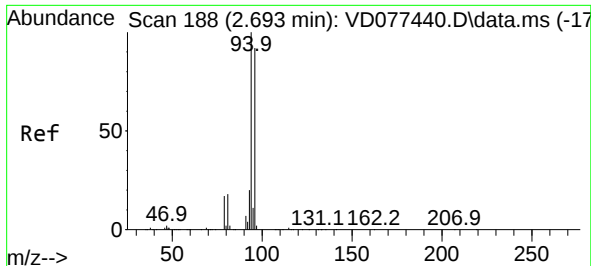
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#4
Vinyl Chloride
Concen: 4.204 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 62 Resp: 19901
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





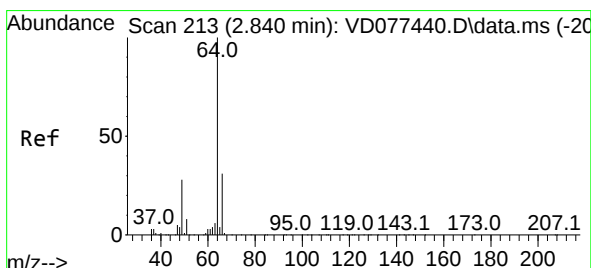
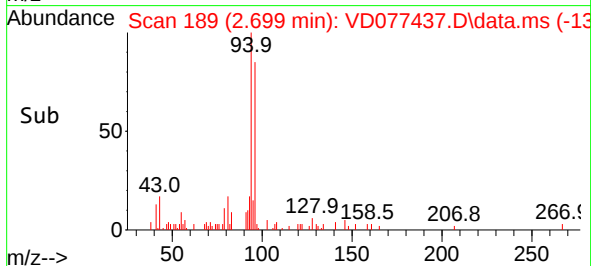
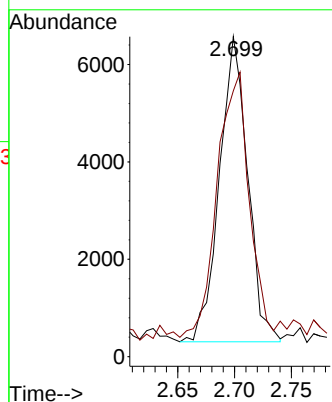
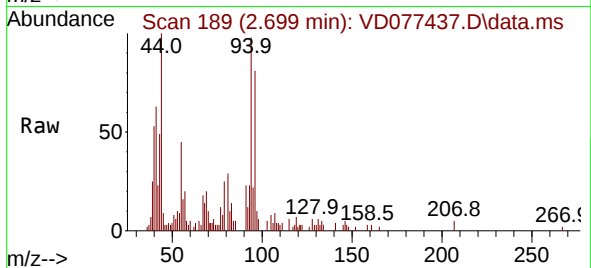
#5
Bromomethane
Concen: 4.372 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 10840
Ion Ratio Lower Upper
94 100
96 97.7 75.8 113.8

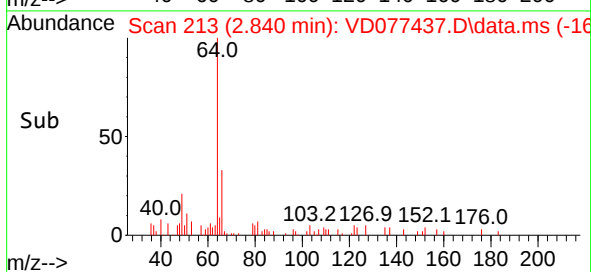
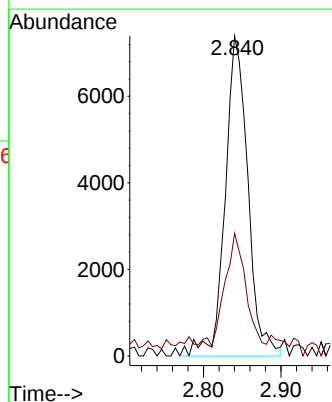
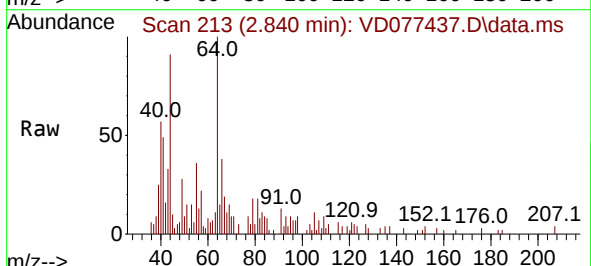
Manual Integrations
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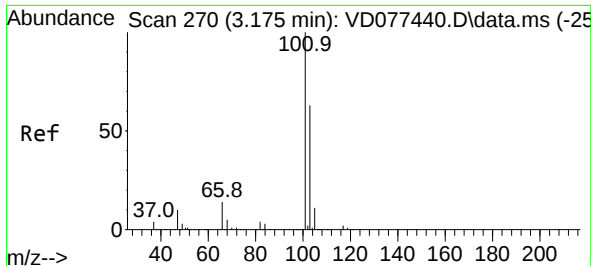
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#6
Chloroethane
Concen: 4.738 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

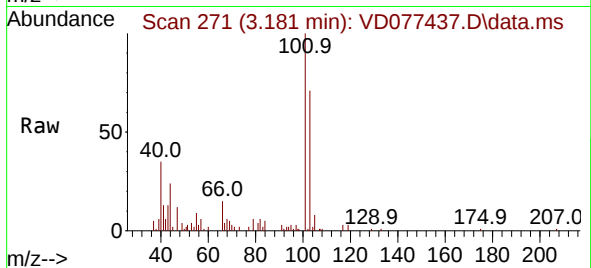
Tgt Ion: 64 Resp: 15103
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 4.460 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

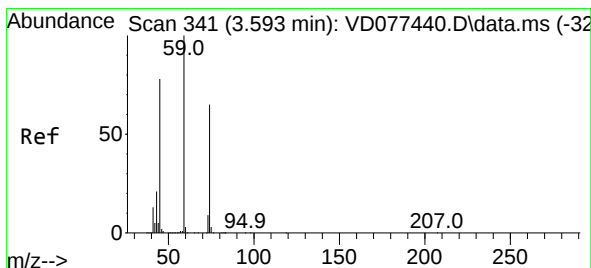
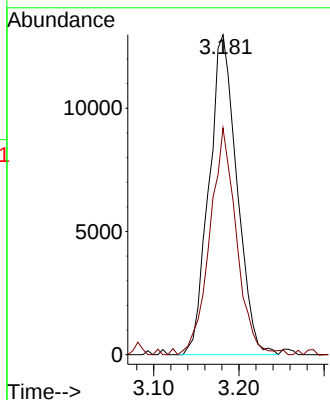
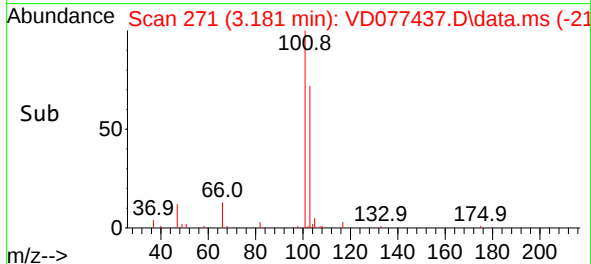
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



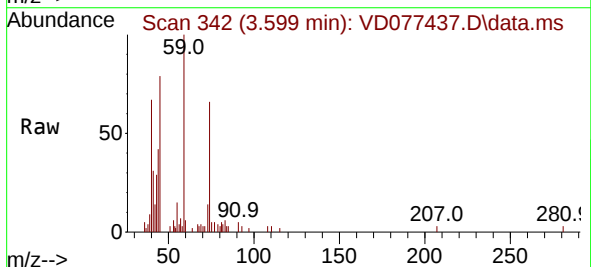
Tgt Ion:101 Resp: 2956
 Ion Ratio Lower Upper
 101 100
 103 70.8 52.3 78.5

Manual Integrations
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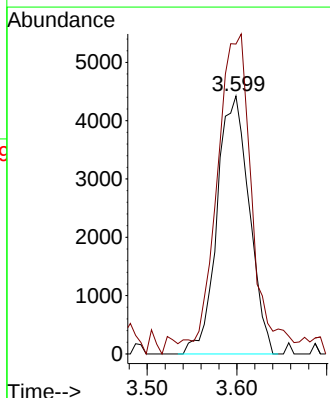
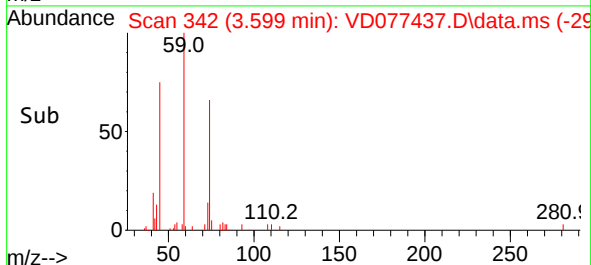
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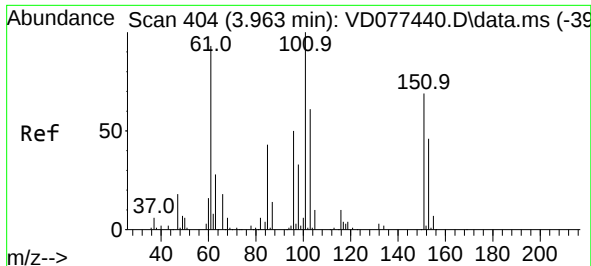


#8
 Diethyl Ether
 Concen: 4.623 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11



Tgt Ion: 74 Resp: 11018
 Ion Ratio Lower Upper
 74 100
 45 125.3 37.5 112.7#





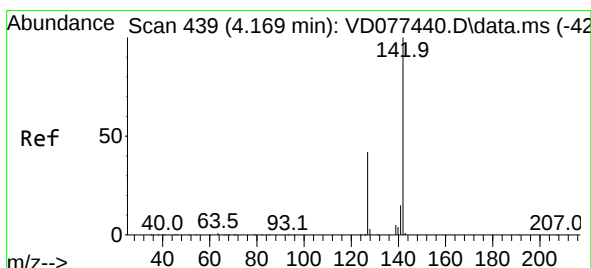
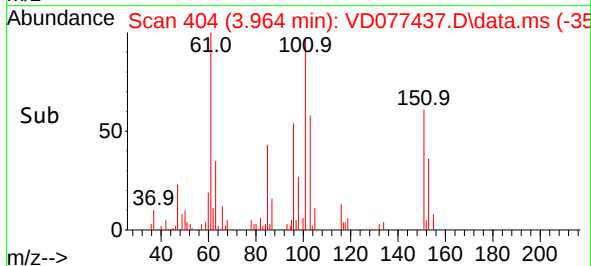
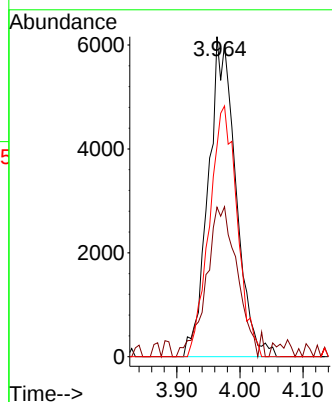
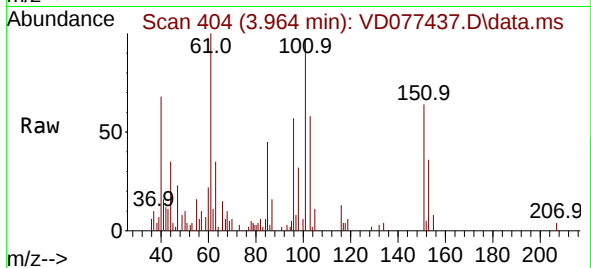
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.662 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1866
Ion Ratio Lower Upper
101 100
85 52.3 33.8 50.6
151 79.0 59.8 89.6

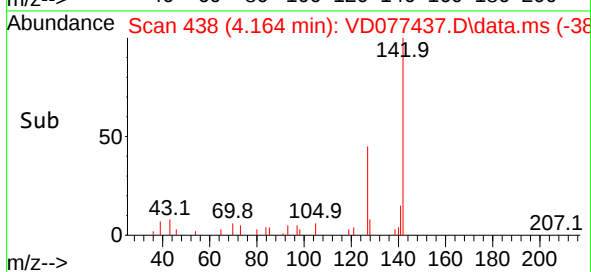
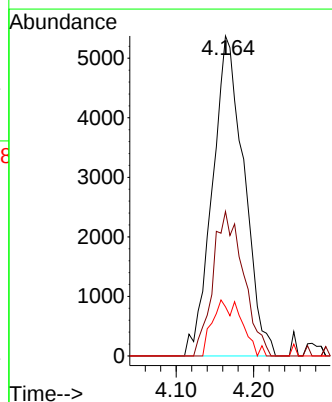
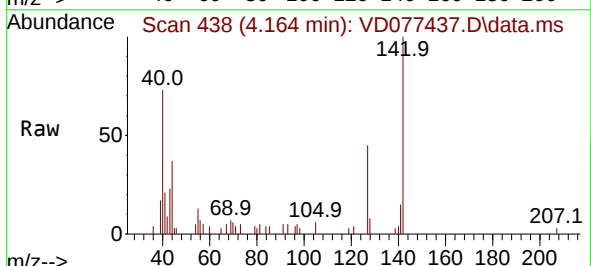
Manual Integrations
APPROVED

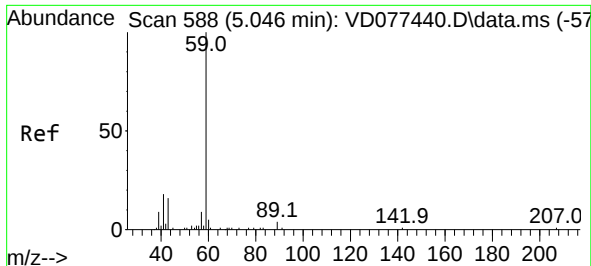
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 5.969 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

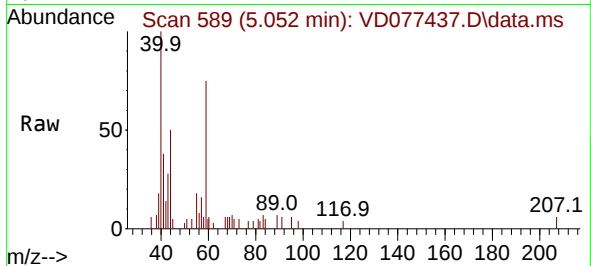
Tgt Ion:142 Resp: 15216
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 16.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 31.512 ug/l
RT: 5.052 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

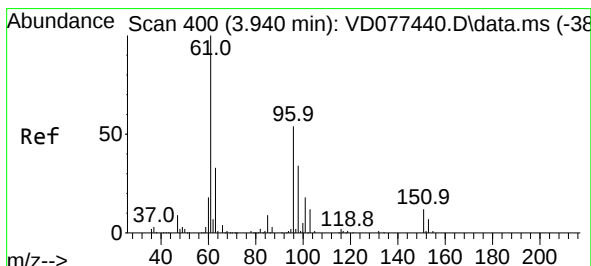
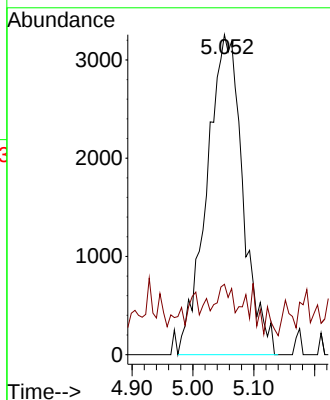
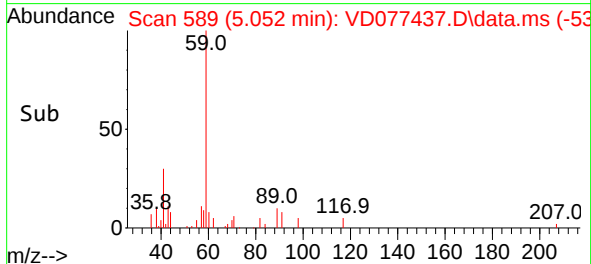
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



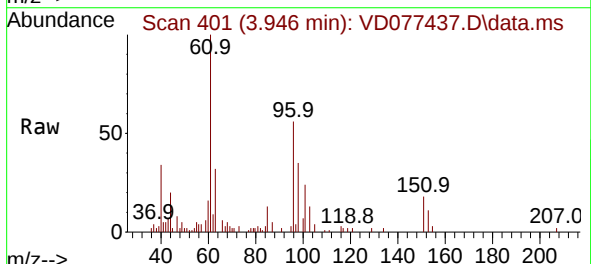
Tgt Ion: 59 Resp: 13380
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8

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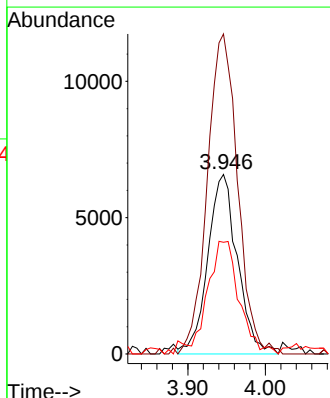
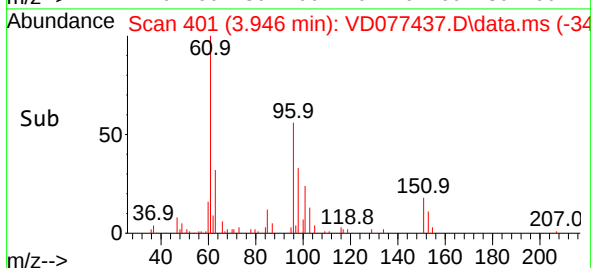
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

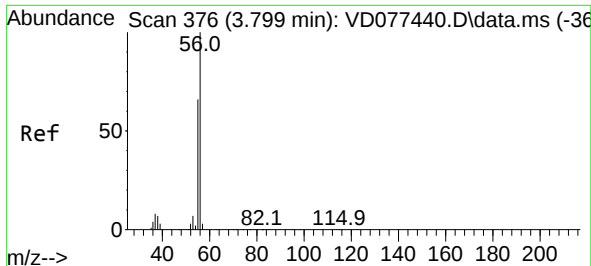


#12
1,1-Dichloroethene
Concen: 4.612 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



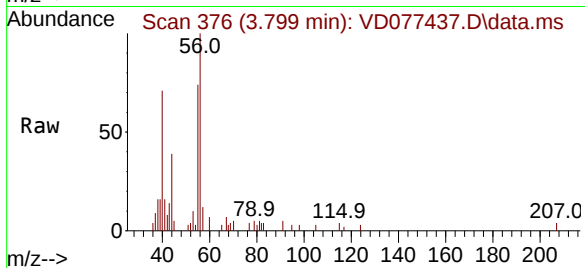
Tgt Ion: 96 Resp: 17475
Ion Ratio Lower Upper
96 100
61 178.2 100.6 150.8#
98 62.2 50.2 75.2





#13
Acrolein
Concen: 25.044 ug/l
RT: 3.799 min Scan# 376
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

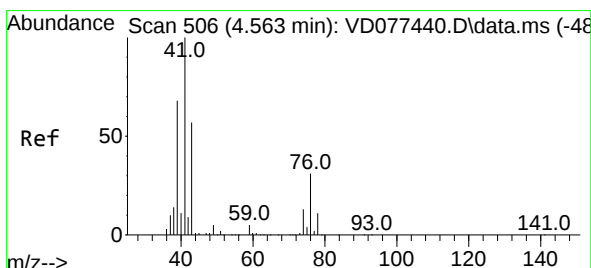
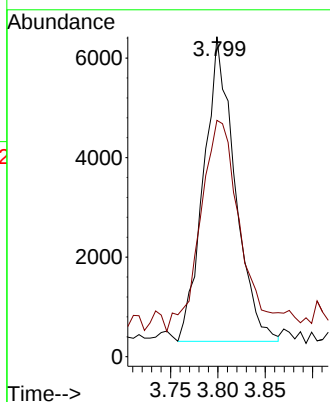
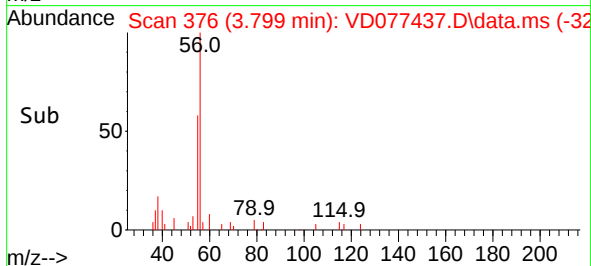
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 14029
Ion Ratio Lower Upper
56 100
55 85.6 55.1 82.7

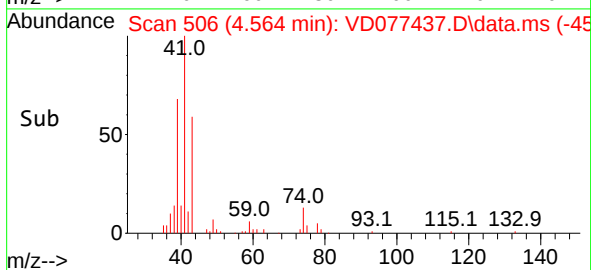
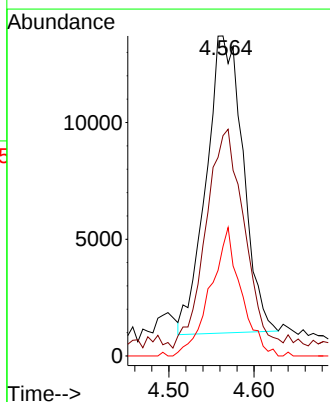
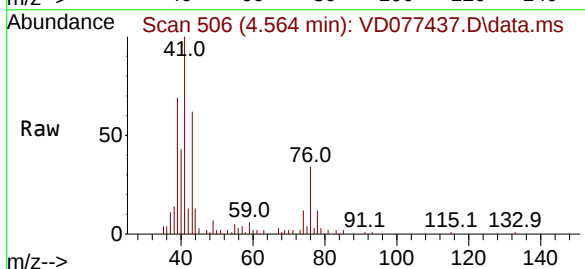
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 4.185 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

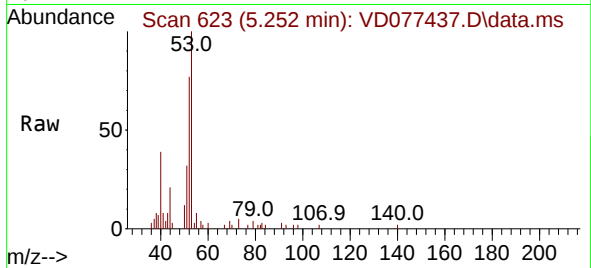
Tgt Ion: 41 Resp: 38253
Ion Ratio Lower Upper
41 100
39 76.7 53.8 80.6
76 35.9 45.8 68.8





#15
Acrylonitrile
Concen: 24.559 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

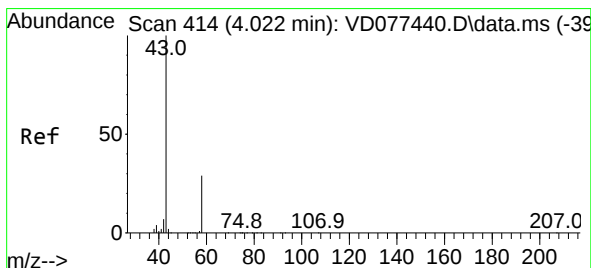
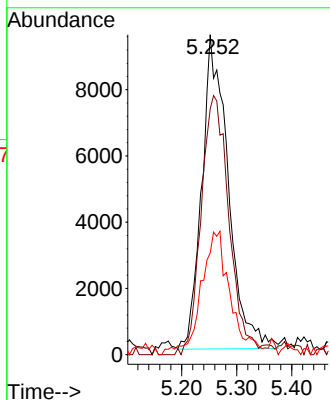
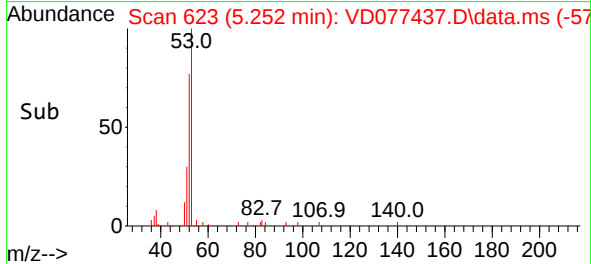
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 31639
Ion Ratio Lower Upper
53 100
52 86.3 65.0 97.4
51 41.1 28.3 42.5

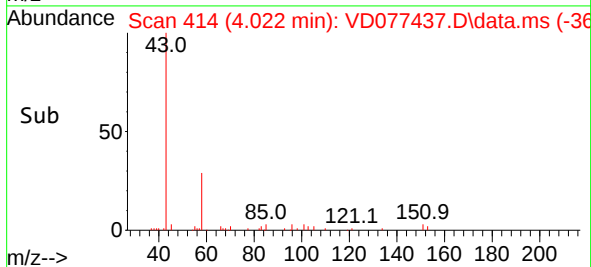
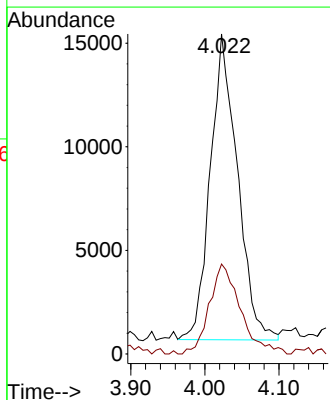
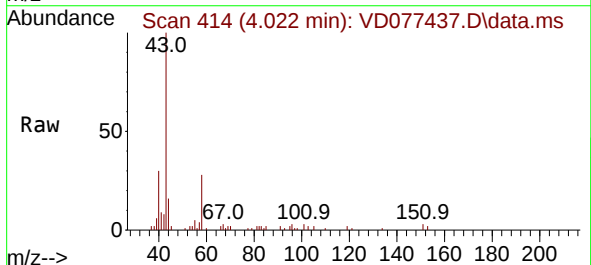
Manual Integrations
APPROVED

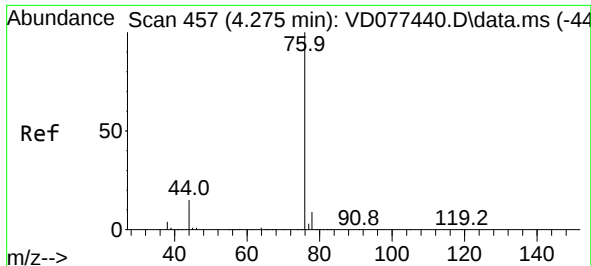
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 26.501 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 43 Resp: 37605
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#





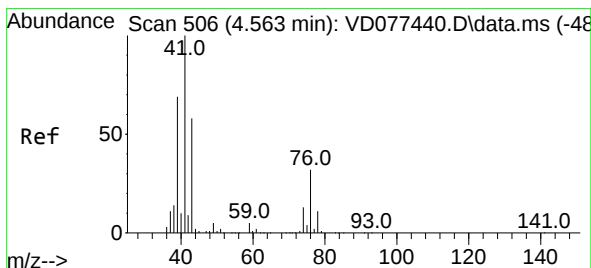
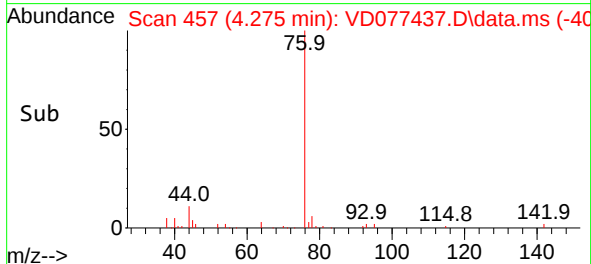
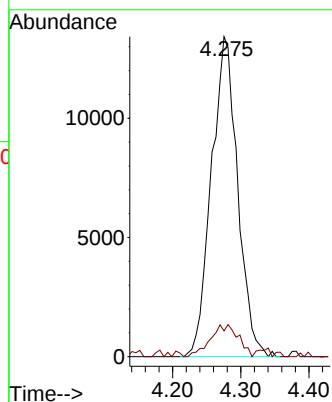
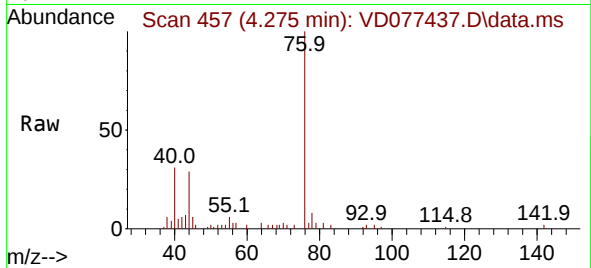
#17
Carbon Disulfide
Concen: 6.608 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 36034
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2

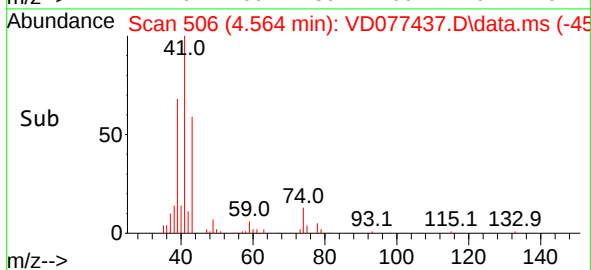
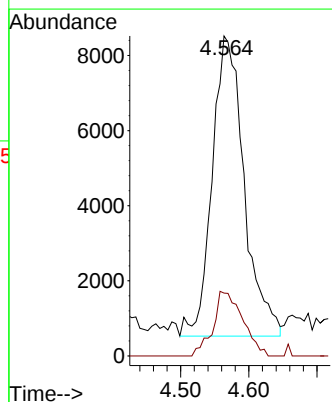
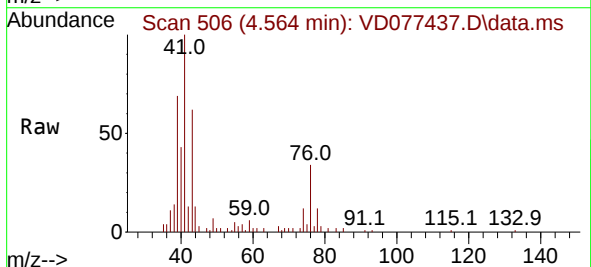
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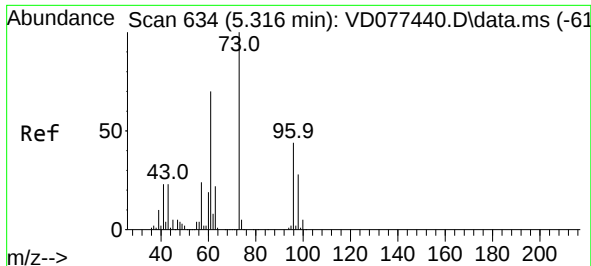
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 5.034 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 43 Resp: 26057
Ion Ratio Lower Upper
43 100
74 19.9 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 4.987 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 59318

Ion Ratio Lower Upper

73 100

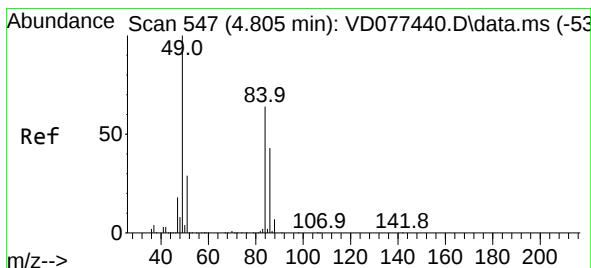
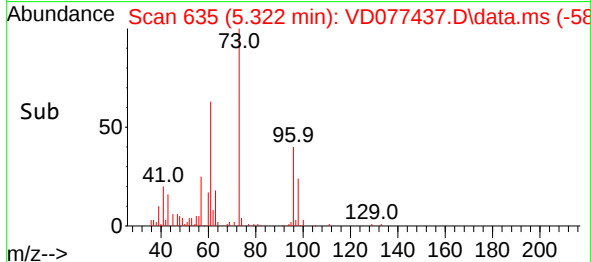
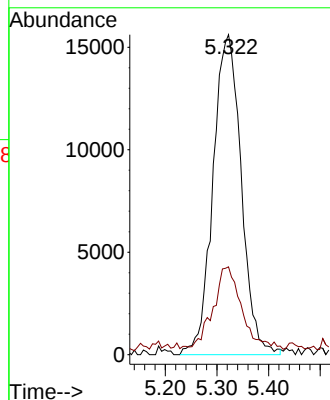
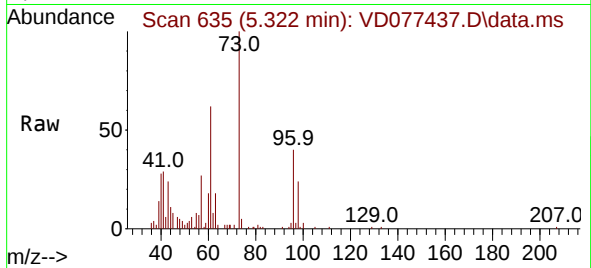
57 25.6 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#20

Methylene Chloride

Concen: 4.952 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion: 84 Resp: 38039

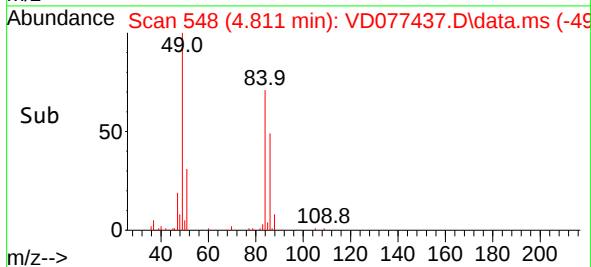
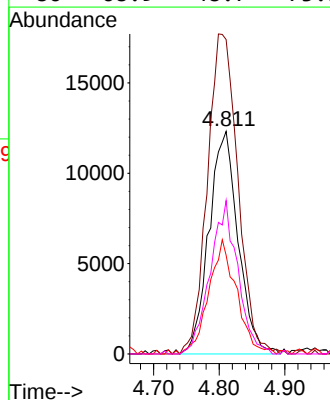
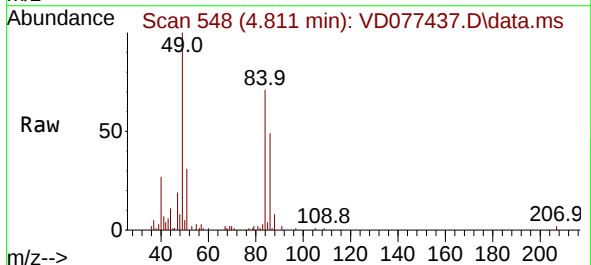
Ion Ratio Lower Upper

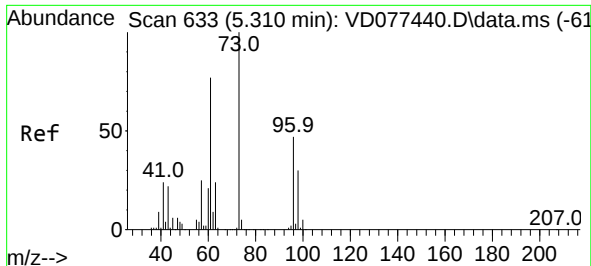
84 100

49 141.2 71.4 107.2#

51 44.4 24.5 36.7#

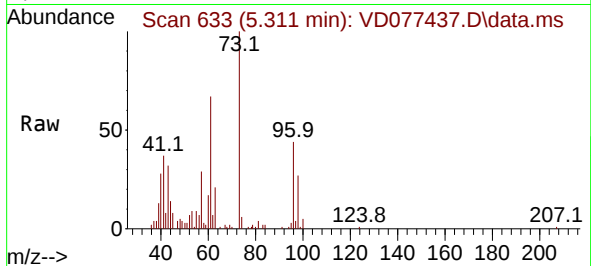
86 68.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 4.734 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

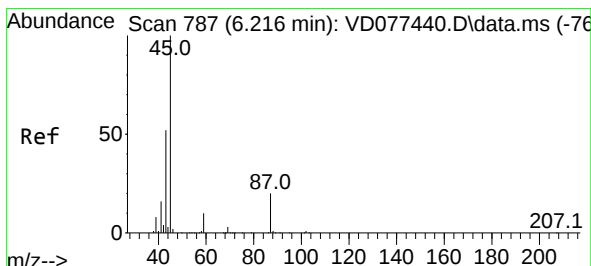
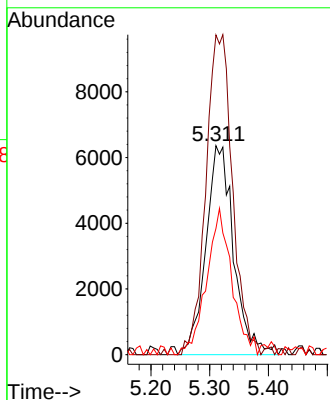
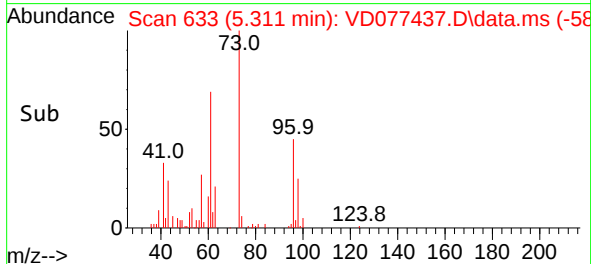
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 20892
Ion Ratio Lower Upper
96 100
61 153.0 89.3 133.9#
98 60.4 48.6 73.0

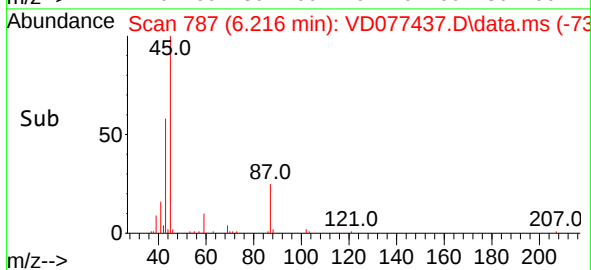
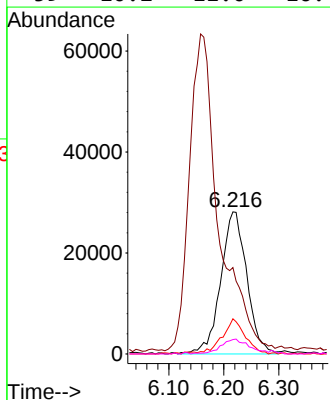
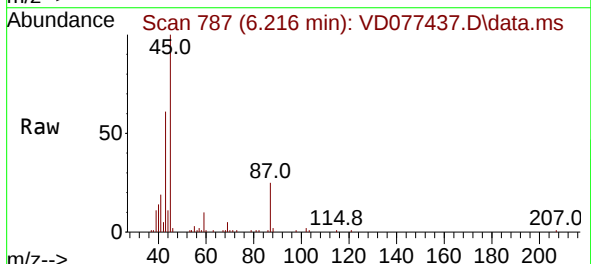
Manual Integrations
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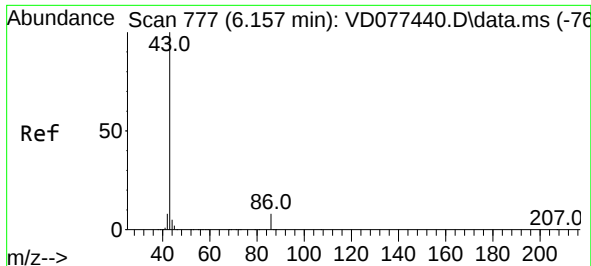
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 4.778 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

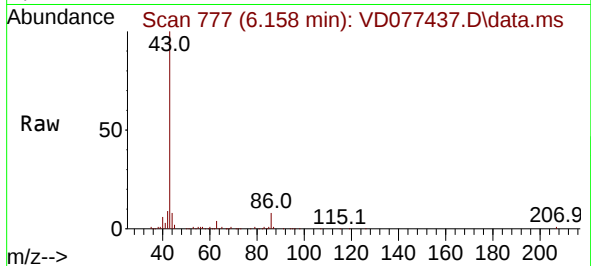
Tgt Ion: 45 Resp: 92827
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 24.8 28.2 42.4#
59 10.2 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 24.886 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

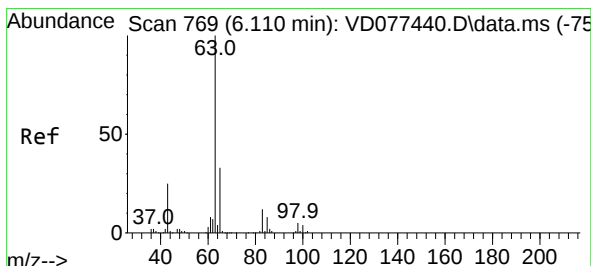
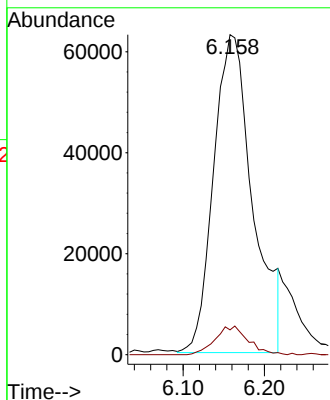
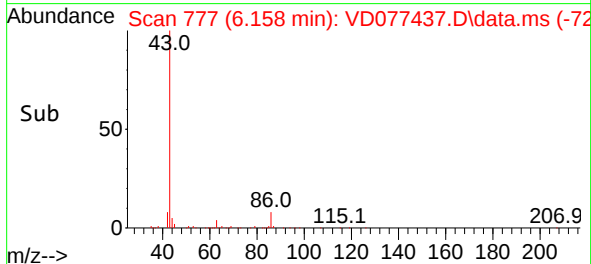
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



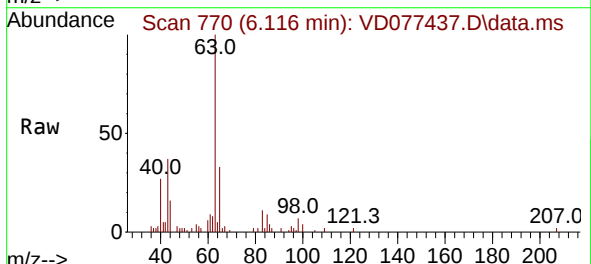
Tgt Ion: 43 Resp: 210285
 Ion Ratio Lower Upper
 43 100
 86 7.7 12.5 18.7

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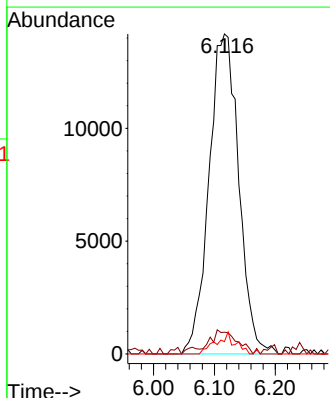
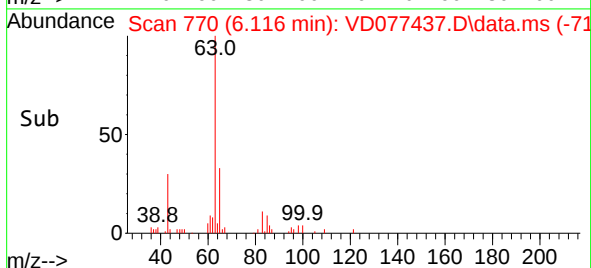
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

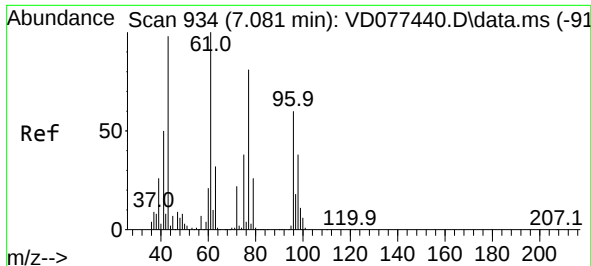


#24
 1,1-Dichloroethane
 Concen: 4.777 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11



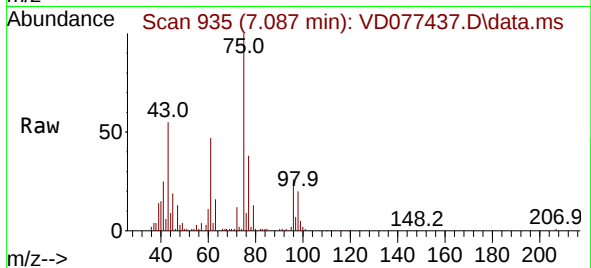
Tgt Ion: 63 Resp: 48153
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 3.8 2.5 7.5





#25
2-Butanone
Concen: 27.584 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

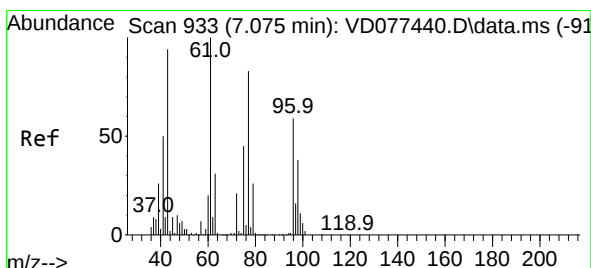
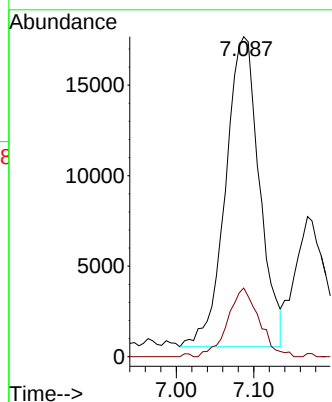
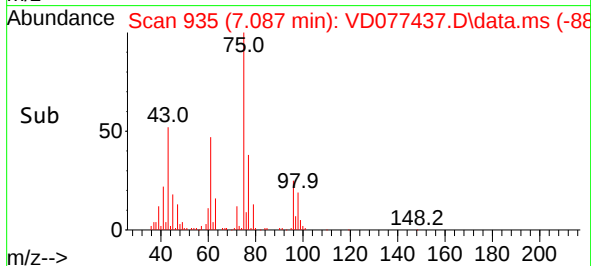
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



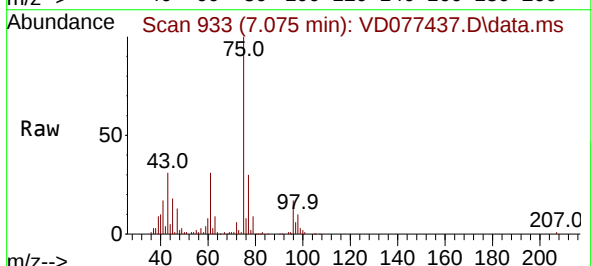
Tgt Ion: 43 Resp: 52209
Ion Ratio Lower Upper
43 100
72 22.1 30.7 46.1

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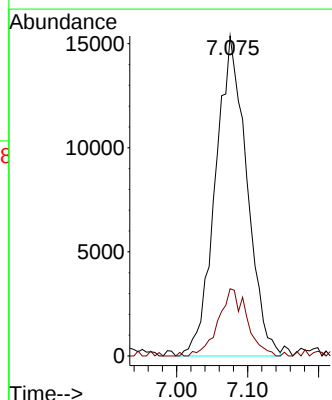
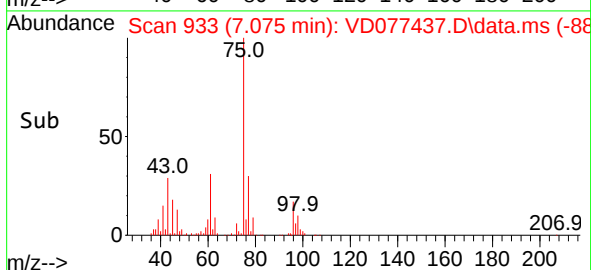
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 5.282 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



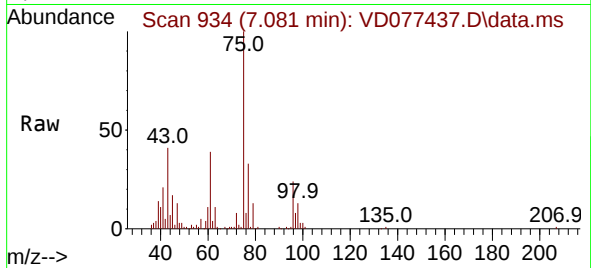
Tgt Ion: 77 Resp: 47186
Ion Ratio Lower Upper
77 100
97 19.1 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.753 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

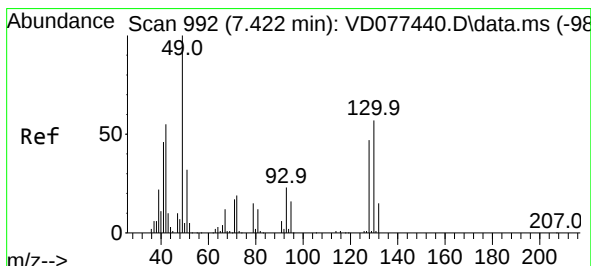
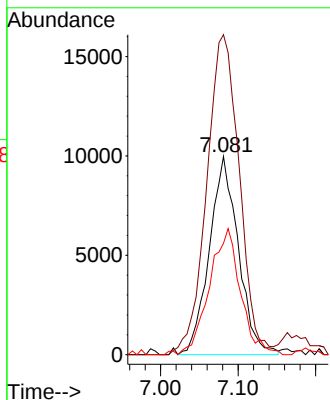
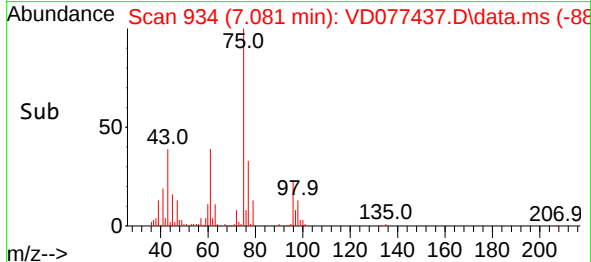
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 2598
 Ion Ratio Lower Upper
 96 100
 61 181.3 0.0 239.2
 98 68.5 0.0 128.6

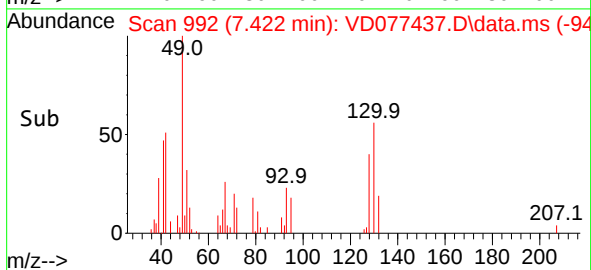
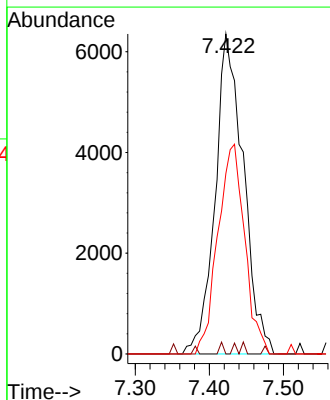
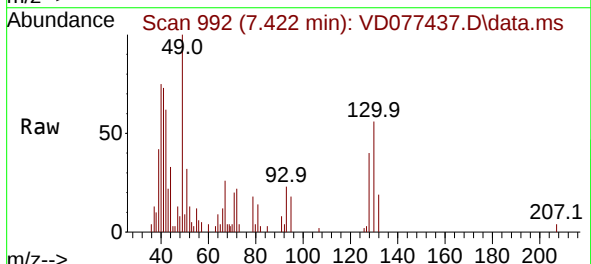
Manual Integrations
 APPROVED

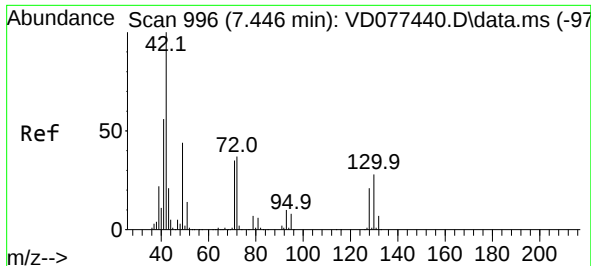
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 5.631 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Tgt Ion: 49 Resp: 16820
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 6.0
 130 0.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 26.090 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

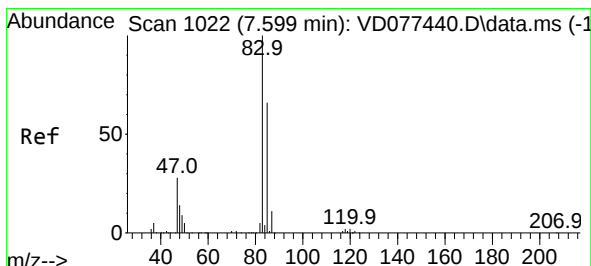
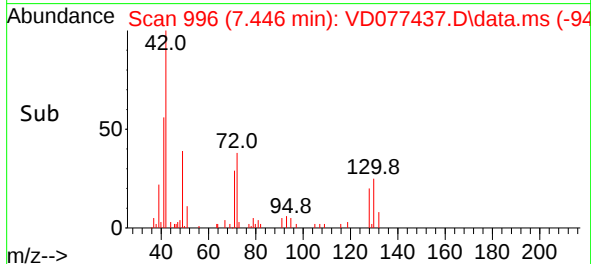
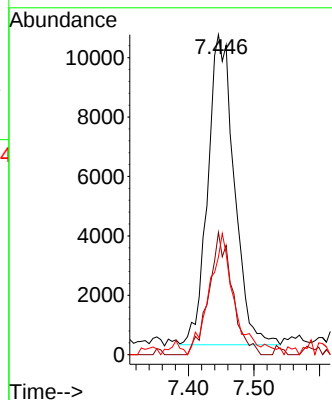
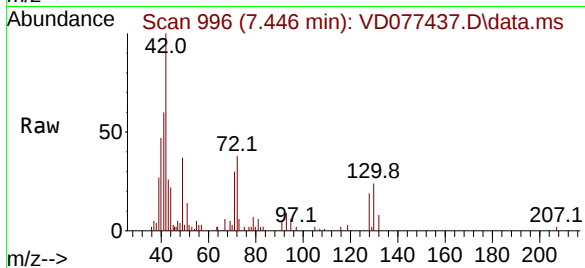
Tgt Ion:	42	Resp:	2928
Ion Ratio	Lower	Upper	
42	100		
72	34.8	46.5	69.7
71	35.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 4.746 ug/l

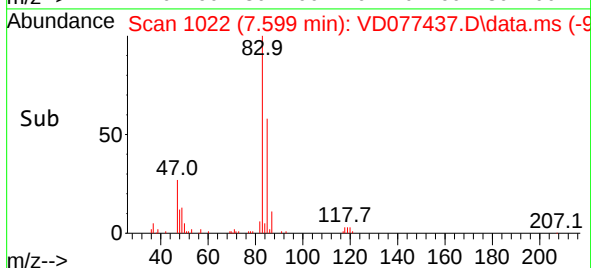
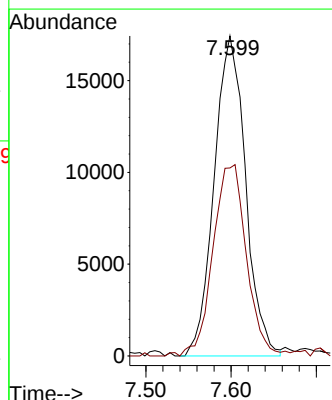
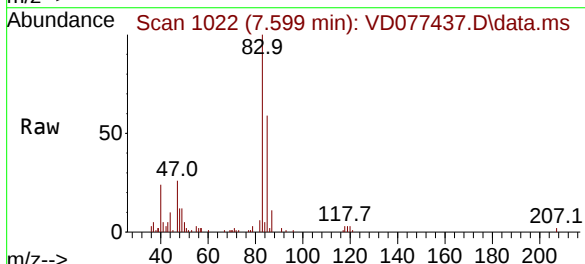
RT: 7.599 min Scan# 1022

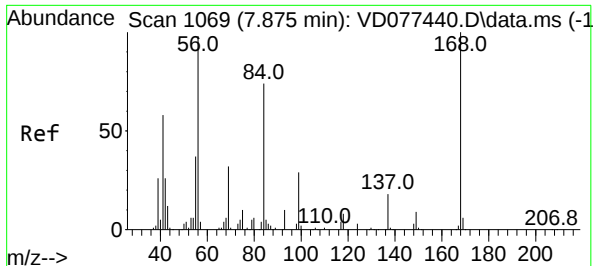
Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion:	83	Resp:	44671
Ion Ratio	Lower	Upper	
83	100		
85	58.7	53.4	80.2





#31

Cyclohexane

Concen: 5.109 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

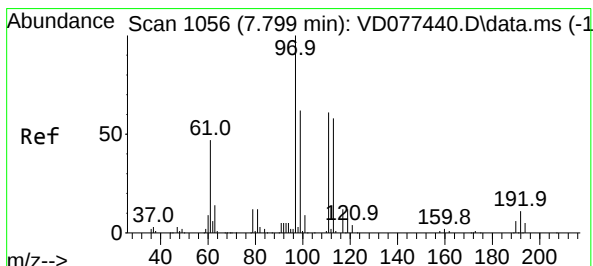
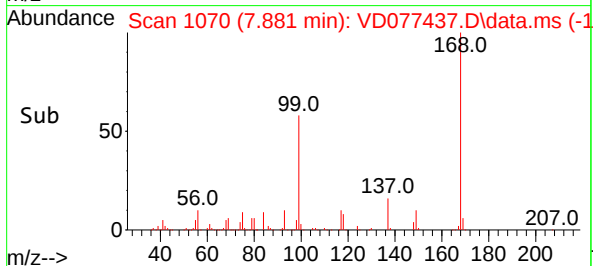
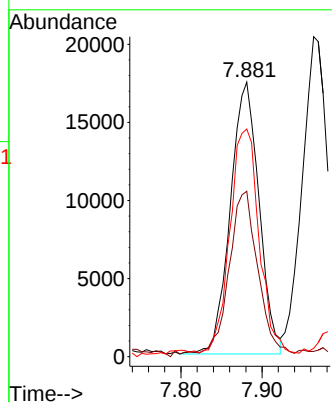
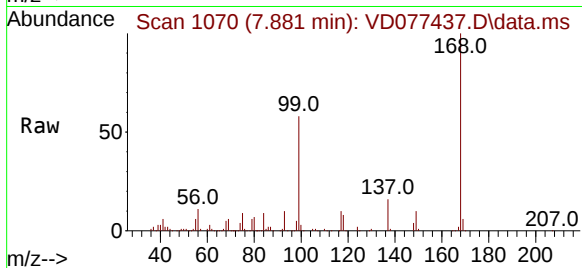
Tgt Ion:	56	Resp:	4282
Ion Ratio	Lower	Upper	
56	100		
69	59.9	28.6	43.0
84	81.4	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#32

1,1,1-Trichloroethane

Concen: 4.638 ug/l

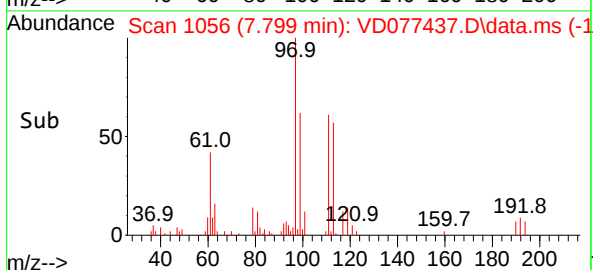
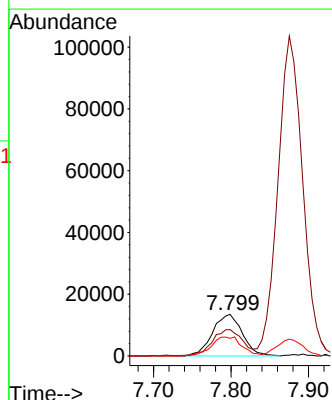
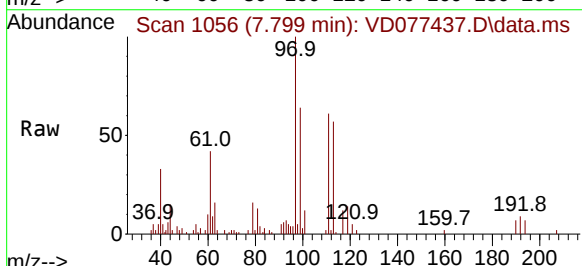
RT: 7.799 min Scan# 1056

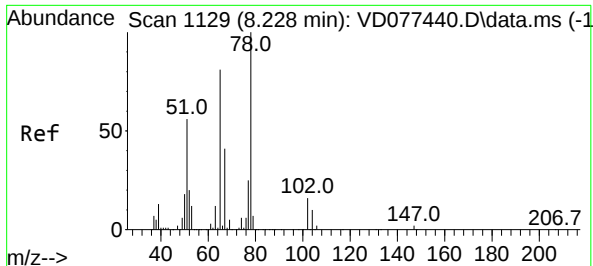
Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

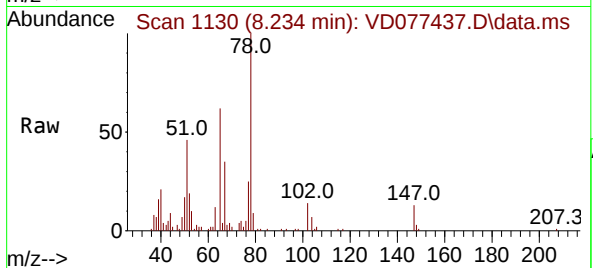
Tgt Ion:	97	Resp:	35964
Ion Ratio	Lower	Upper	
97	100		
99	63.9	52.0	78.0
61	46.8	33.8	50.8





#33
 1,2-Dichloroethane-d4
 Concen: 5.053 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

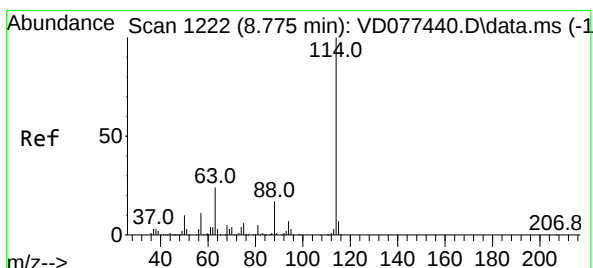
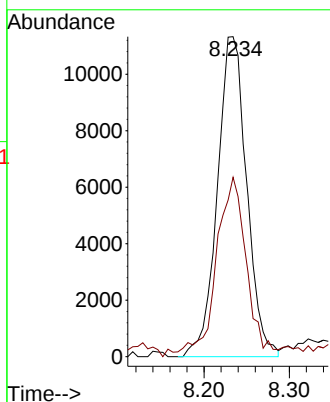
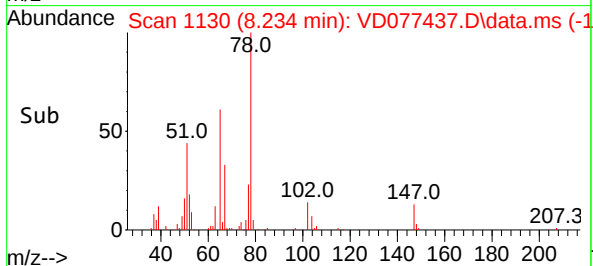
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



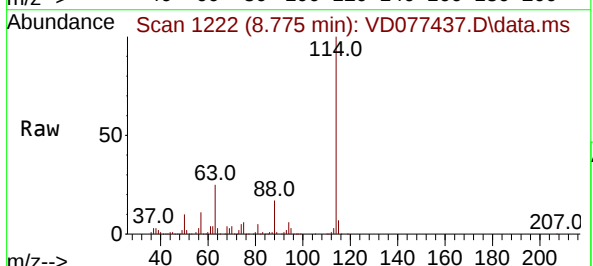
Tgt Ion: 65 Resp: 27098
 Ion Ratio Lower Upper
 65 100
 67 58.0 0.0 115.0

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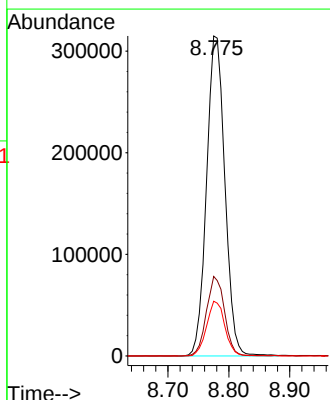
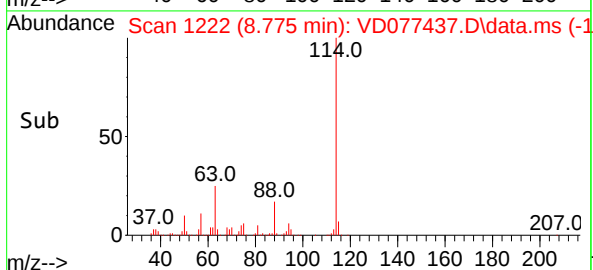
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

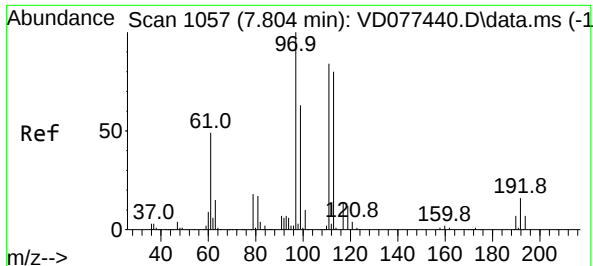


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11



Tgt Ion:114 Resp: 659305
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 33.4
 88 17.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 5.017 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 2286

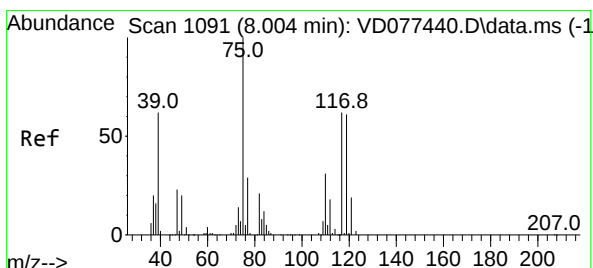
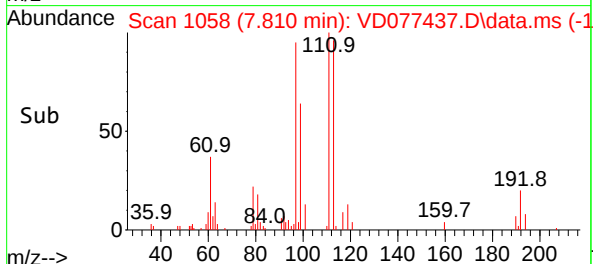
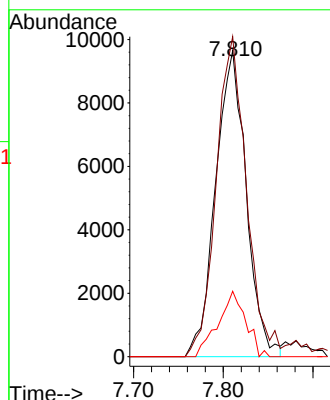
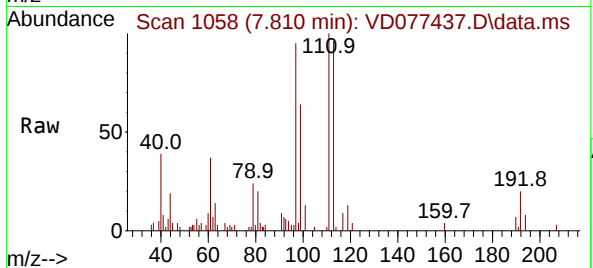
Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.7	127.1
192	19.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 4.459 ug/l

RT: 8.010 min Scan# 1092

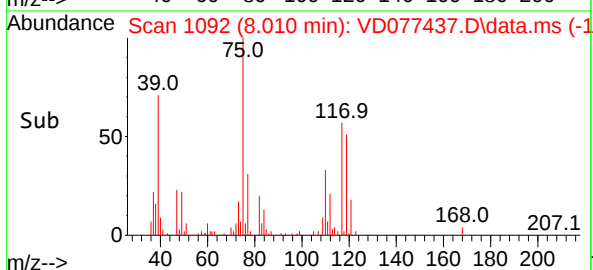
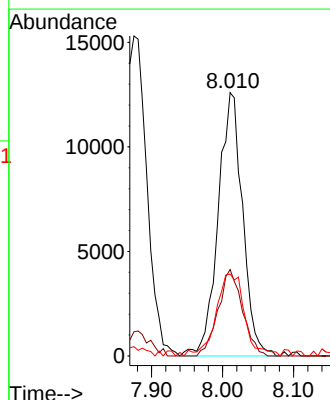
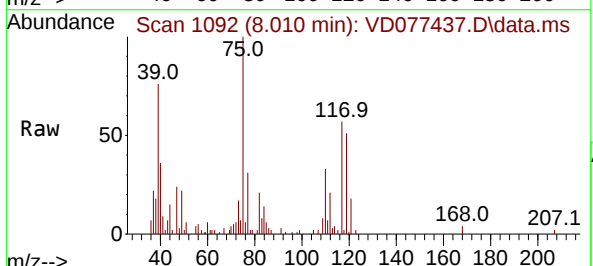
Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion: 75 Resp: 30127

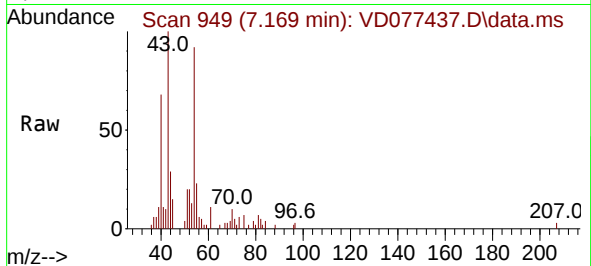
Ion	Ratio	Lower	Upper
75	100		
110	32.5	19.9	59.6
77	36.1	24.7	37.1





#37
Ethyl Acetate
Concen: 5.220 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

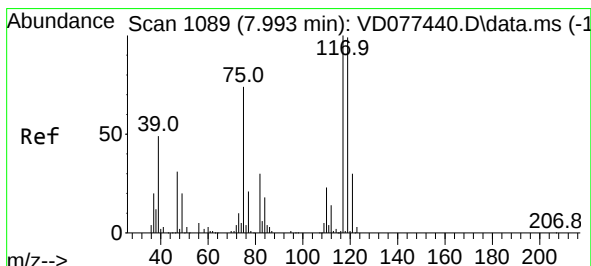
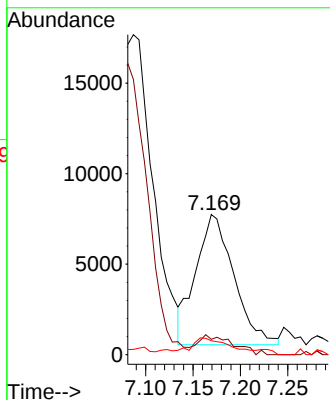
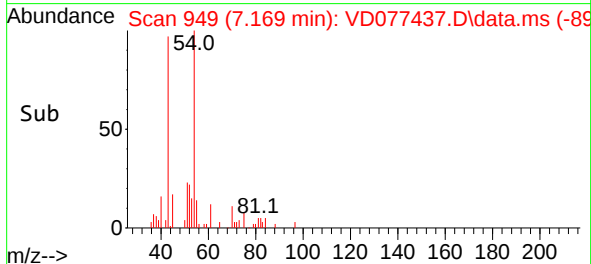
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
61 13.7 14.9 22.3
70 8.1 10.0 15.0

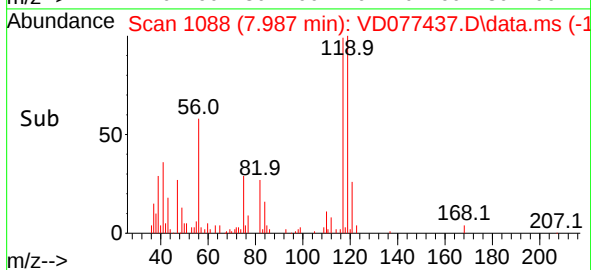
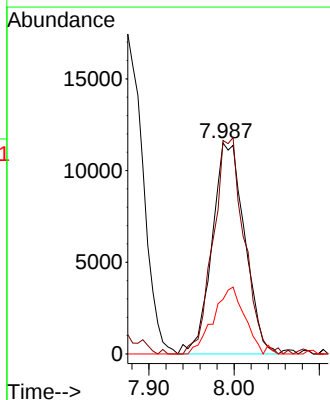
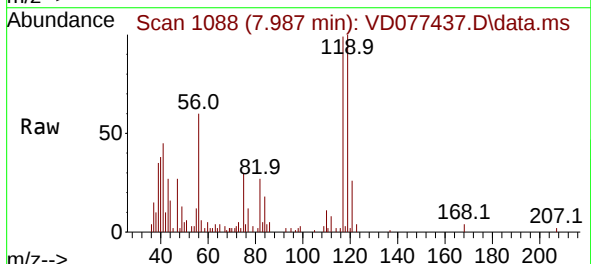
Manual Integrations
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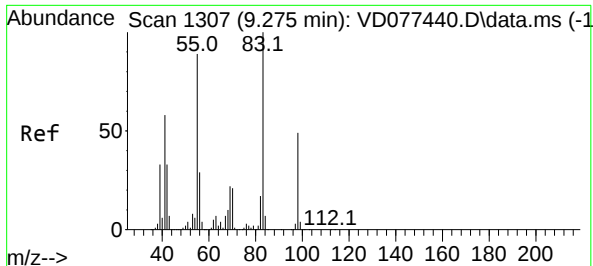
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 4.803 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:117 Resp: 30576
Ion Ratio Lower Upper
117 100
119 101.1 78.0 117.0
121 25.8 24.2 36.2





#39

Methylcyclohexane

Concen: 4.548 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

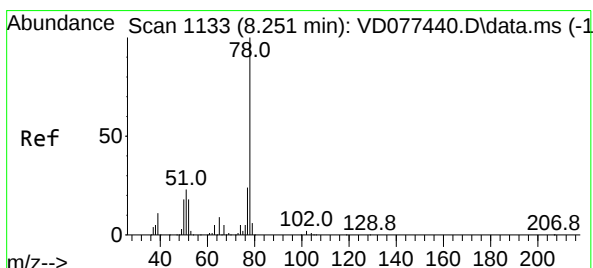
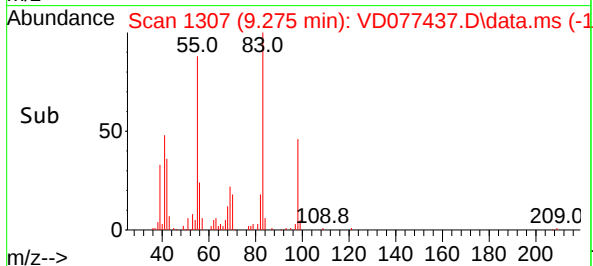
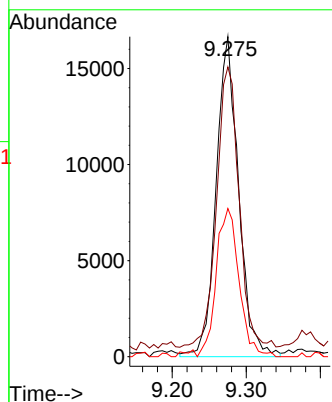
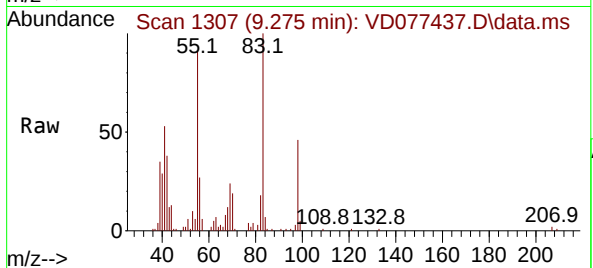
Tgt Ion: 83 Resp: 35062
 Ion Ratio Lower Upper
 83 100
 55 88.4 49.4 74.0
 98 46.7 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 4.644 ug/l

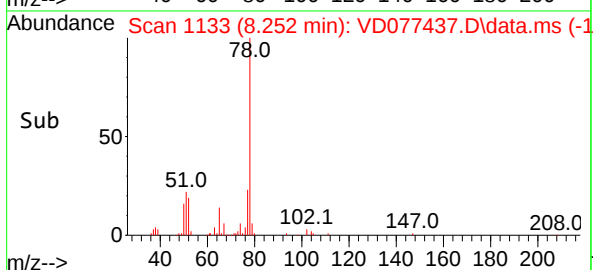
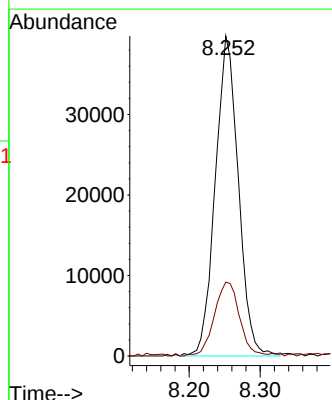
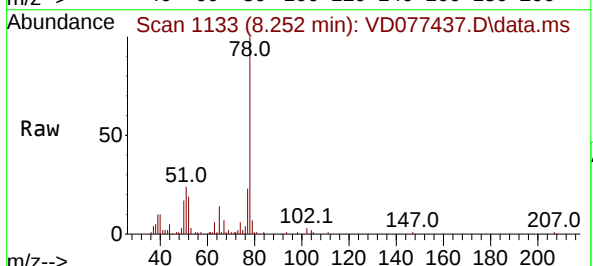
RT: 8.252 min Scan# 1133

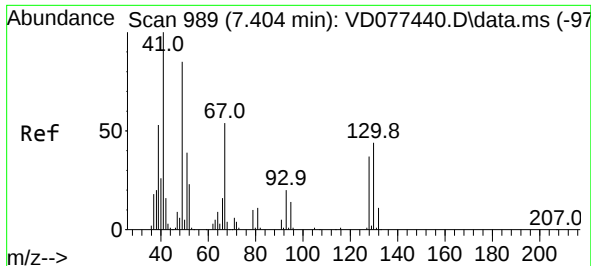
Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

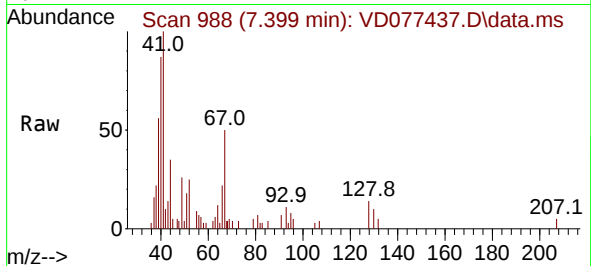
Tgt Ion: 78 Resp: 89468
 Ion Ratio Lower Upper
 78 100
 77 23.1 19.4 29.0





#41
Methacrylonitrile
Concen: 5.174 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

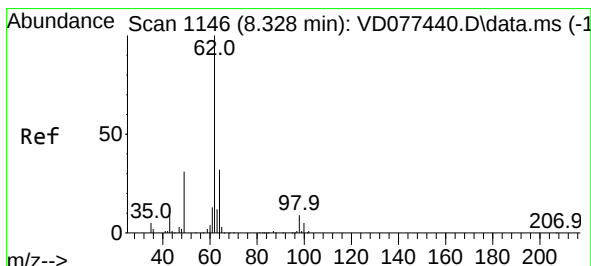
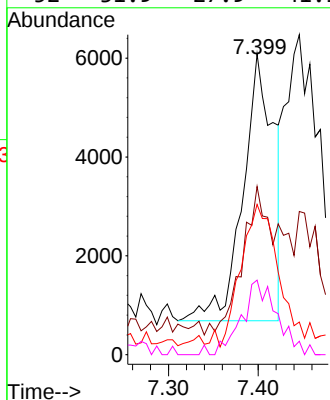
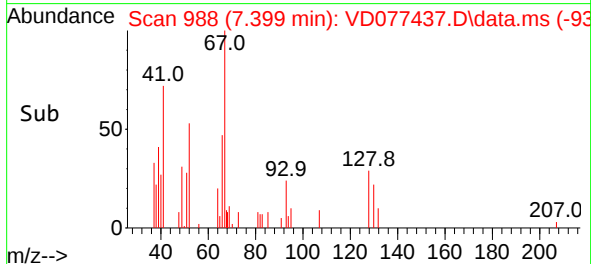
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 1283
Ion Ratio Lower Upper
41 100
39 49.7 34.0 51.0
67 64.5 77.0 115.4
52 31.9 27.9 41.9

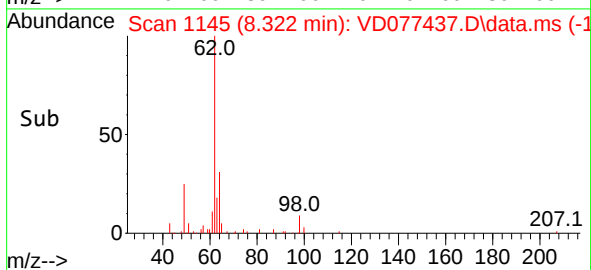
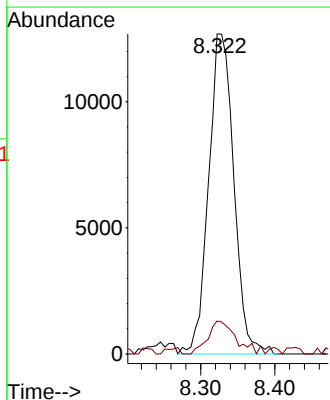
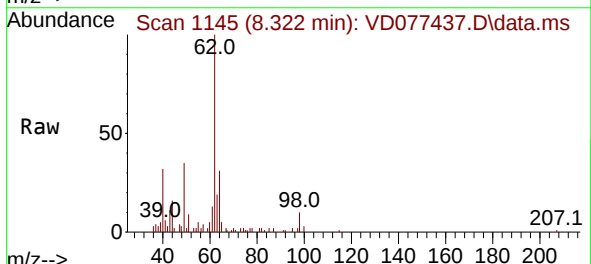
Manual Integrations
APPROVED

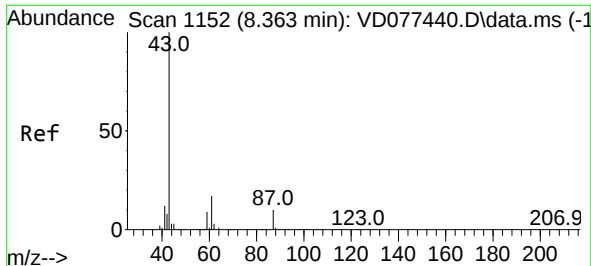
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 4.917 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 62 Resp: 30005
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 5.069 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077437.D

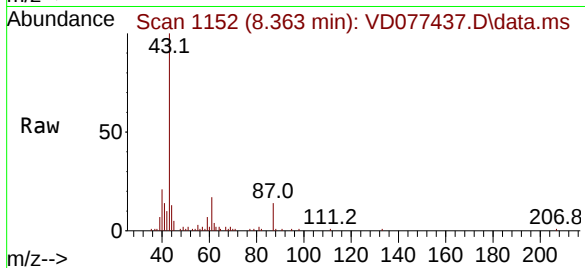
Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



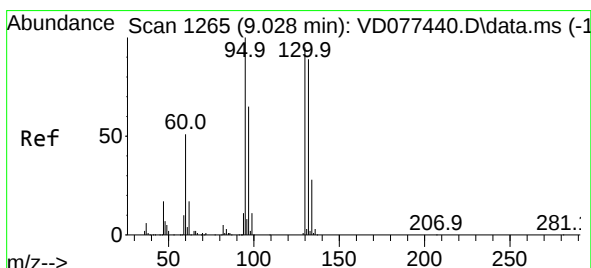
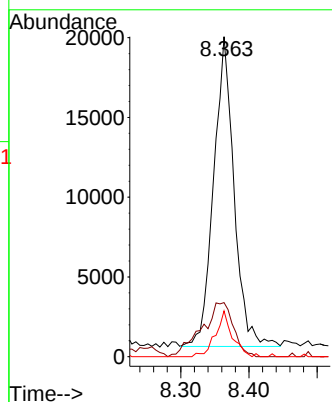
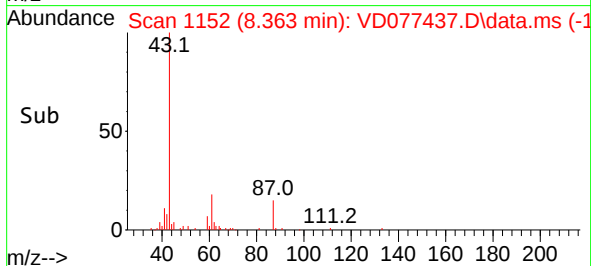
Tgt Ion:	43	Resp:	4056
Ion Ratio	Lower	Upper	
43	100		
61	27.1	31.4	47.0
87	12.1	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#44

Trichloroethene

Concen: 4.698 ug/l

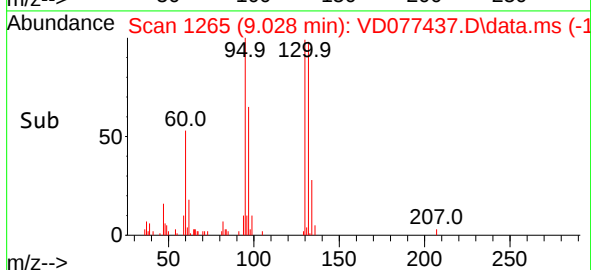
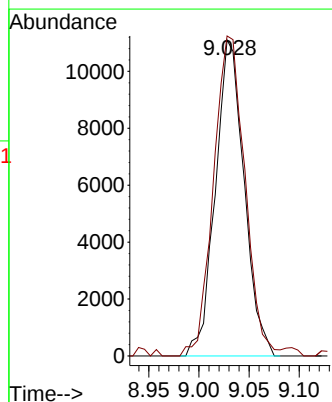
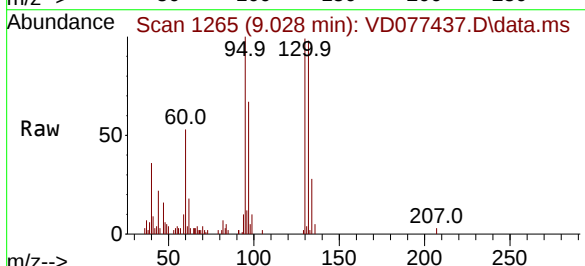
RT: 9.028 min Scan# 1265

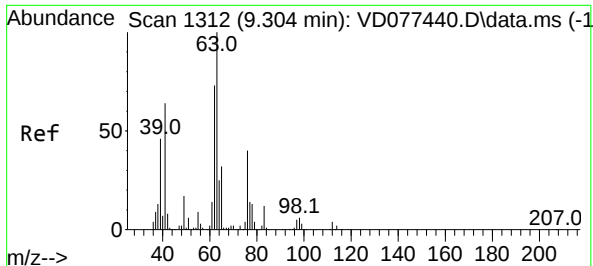
Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion:	130	Resp:	22171
Ion Ratio	Lower	Upper	
130	100		
95	101.2	0.0	179.2





#45

1,2-Dichloropropane

Concen: 4.683 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2656

Ion Ratio Lower Upper

63 100

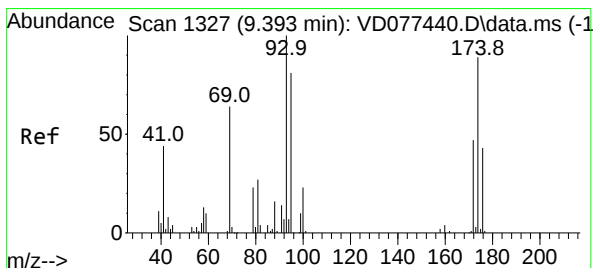
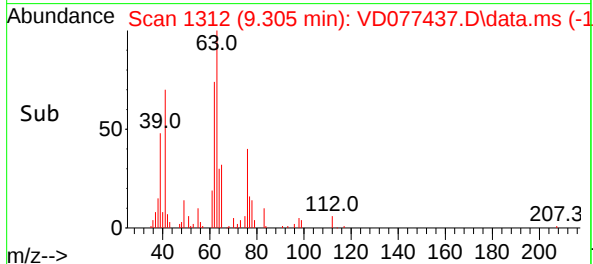
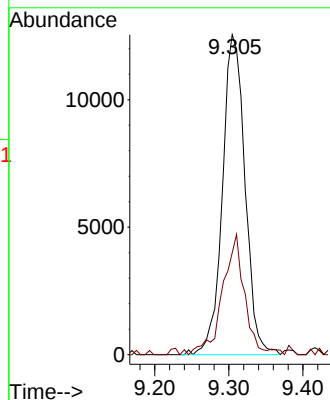
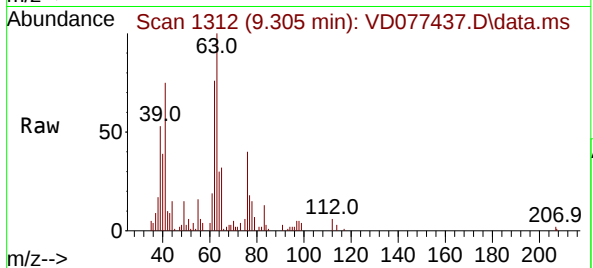
65 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 5.068 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

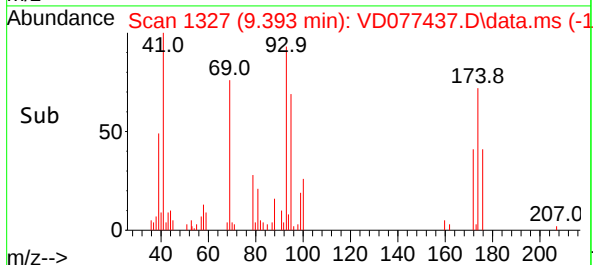
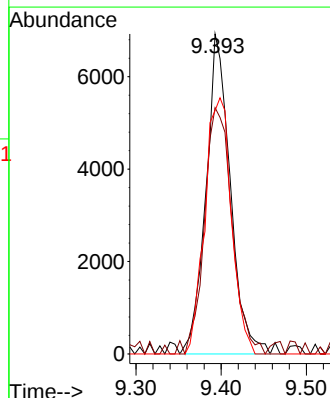
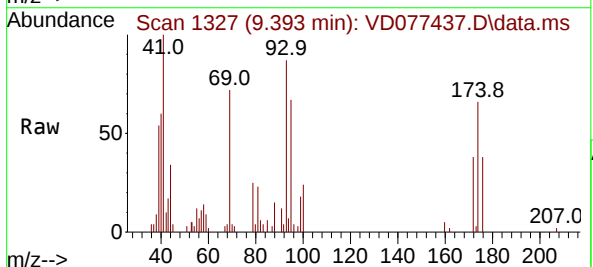
Tgt Ion: 93 Resp: 13833

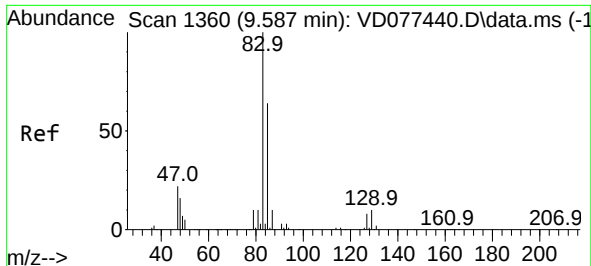
Ion Ratio Lower Upper

93 100

95 86.9 67.7 101.5

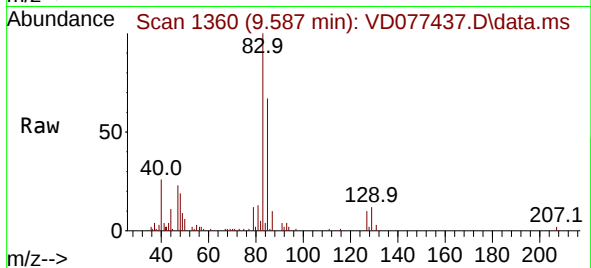
174 87.0 85.4 128.2





#47
Bromodichloromethane
Concen: 4.872 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

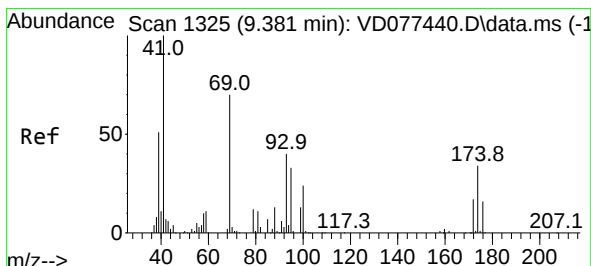
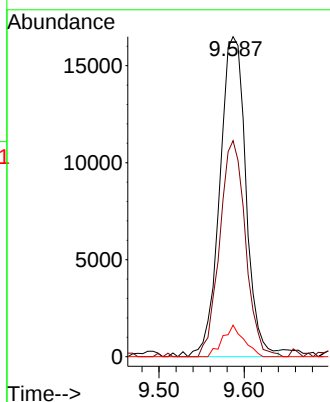
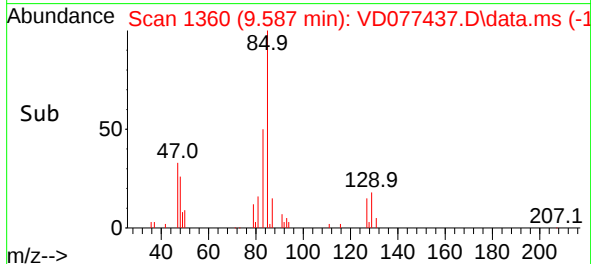
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



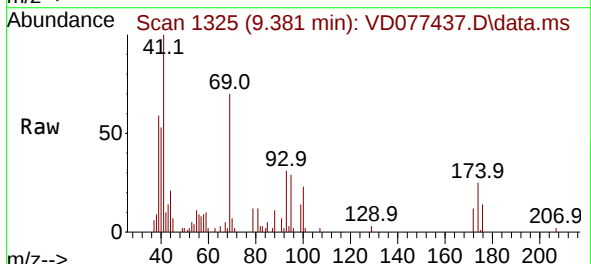
Tgt Ion: 83 Resp: 3515
Ion Ratio Lower Upper
83 100
85 67.5 50.2 75.4
127 9.8 6.3 9.5

Manual Integrations
APPROVED

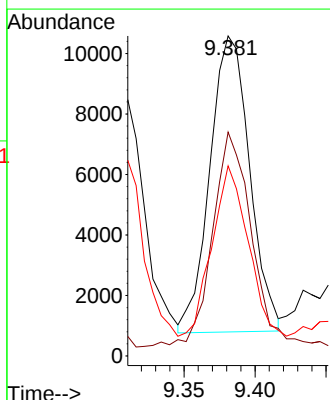
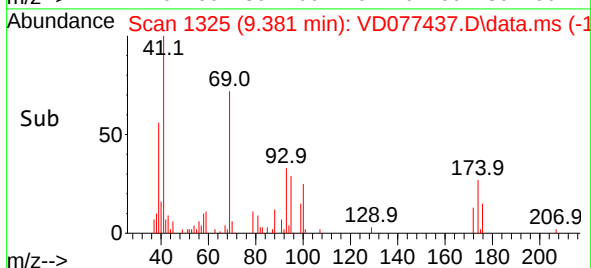
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

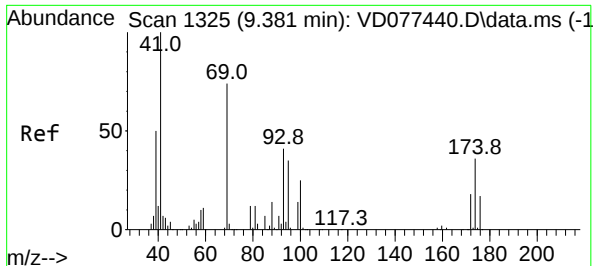


#48
Methyl methacrylate
Concen: 4.986 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



Tgt Ion: 41 Resp: 19044
Ion Ratio Lower Upper
41 100
69 79.6 102.2 153.2#
39 57.5 41.4 62.2





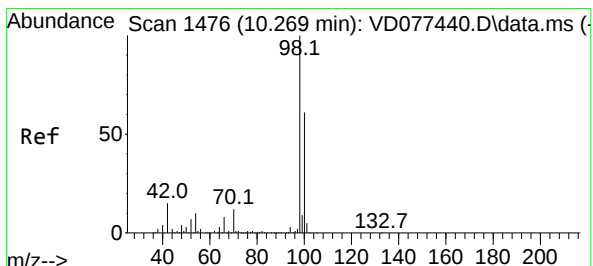
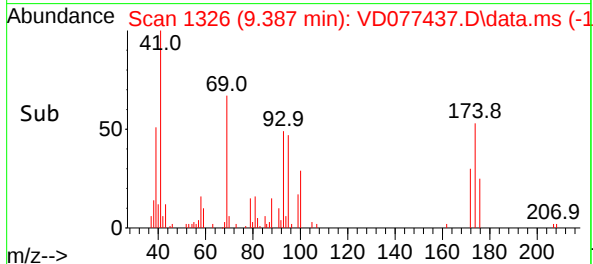
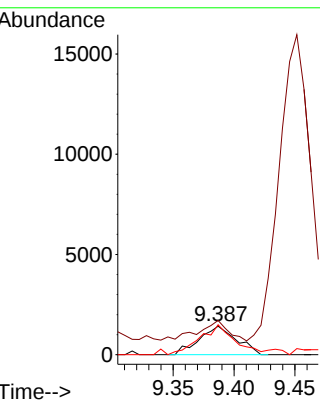
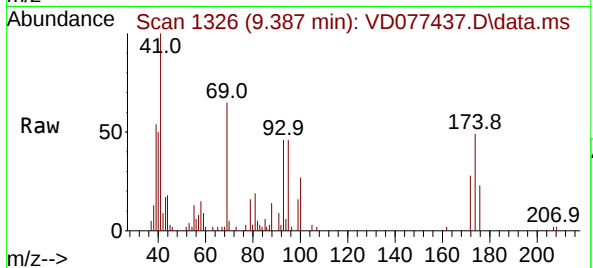
#49
1,4-Dioxane
Concen: 102.557 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3000
Ion Ratio Lower Upper
88 100
43 57.3 19.0 28.6
58 98.5 43.5 65.3

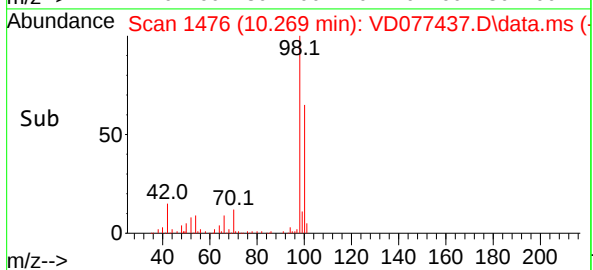
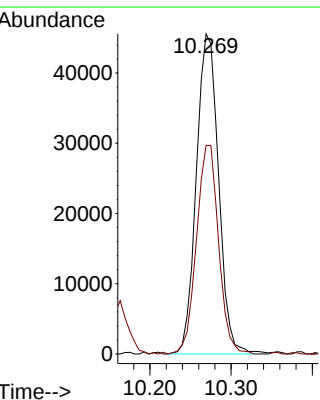
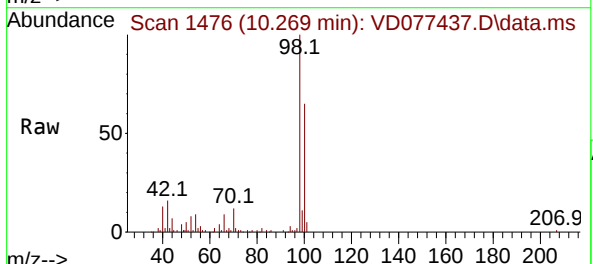
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 4.903 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

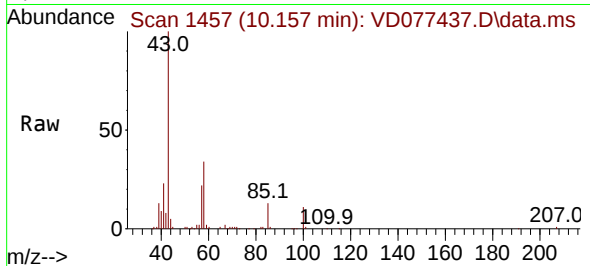
Tgt Ion: 98 Resp: 86787
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 26.330 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

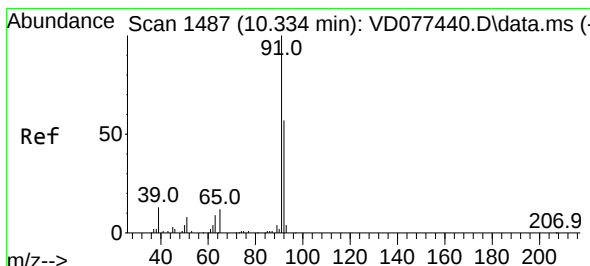
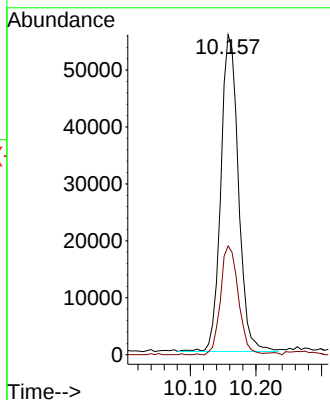
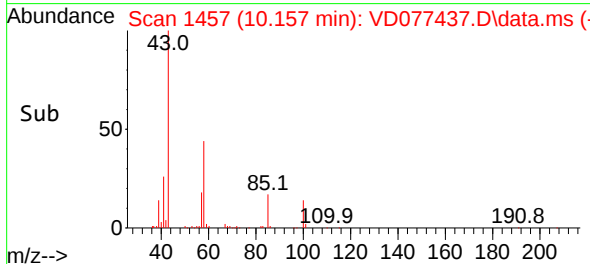
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



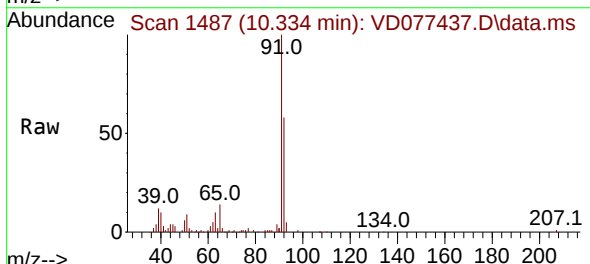
Tgt Ion: 43 Resp: 103697
Ion Ratio Lower Upper
43 100
58 34.6 38.9 58.3

Manual Integrations
APPROVED

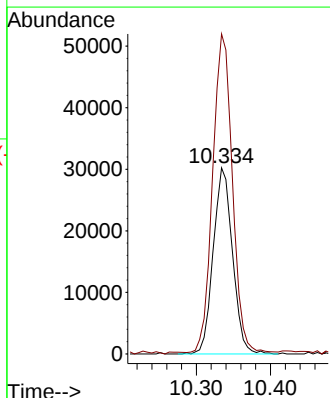
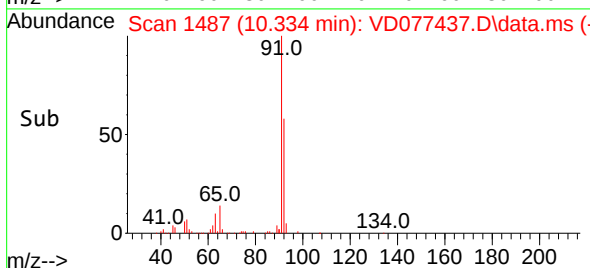
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

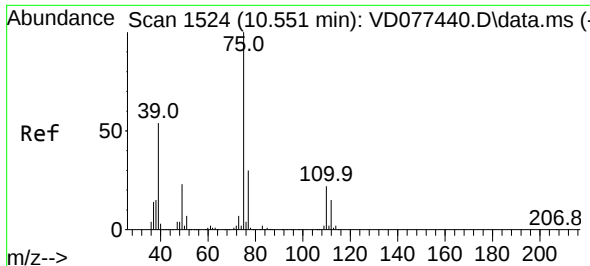


#52
Toluene
Concen: 4.655 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



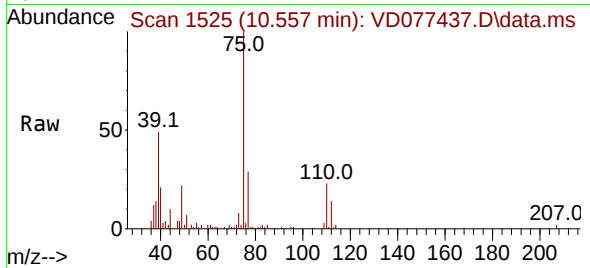
Tgt Ion: 92 Resp: 54670
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 4.843 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

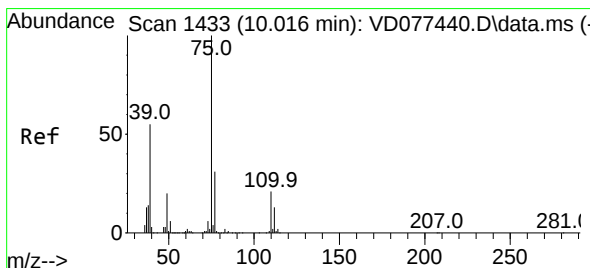
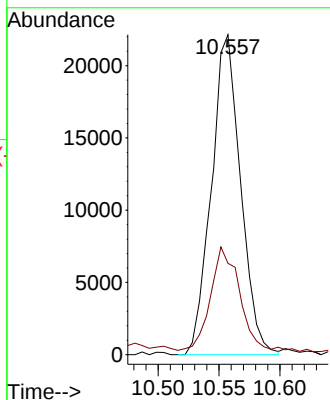
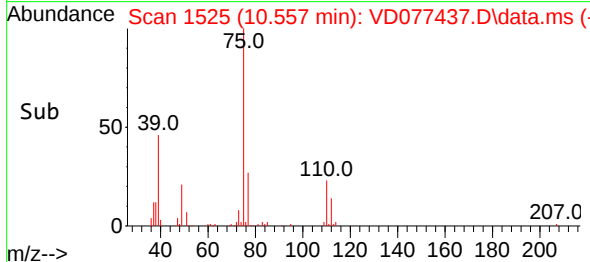
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3699
Ion Ratio Lower Upper
75 100
77 27.2 25.3 37.9

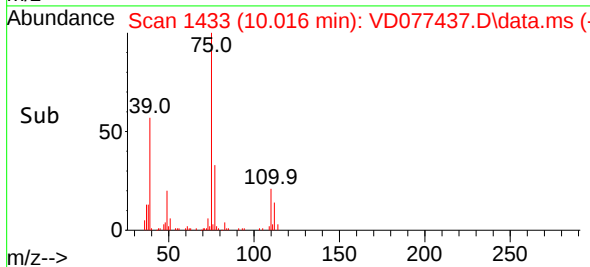
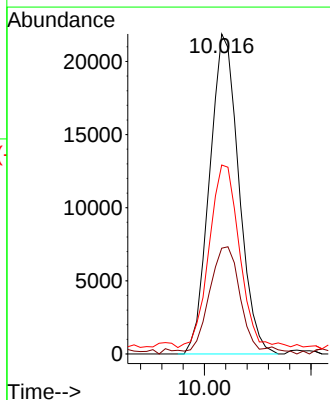
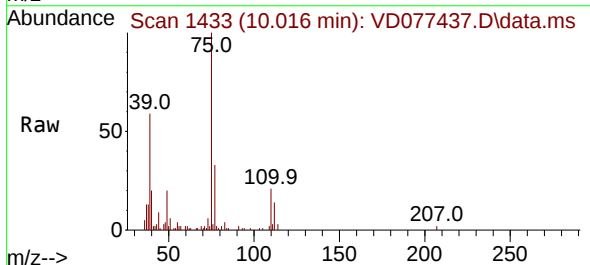
Manual Integrations
APPROVED

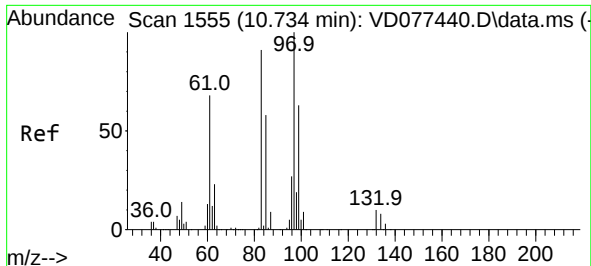
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#54
cis-1,3-Dichloropropene
Concen: 4.753 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

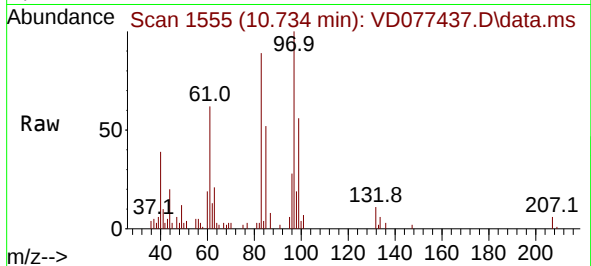
Tgt Ion: 75 Resp: 41783
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 57.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 5.235 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

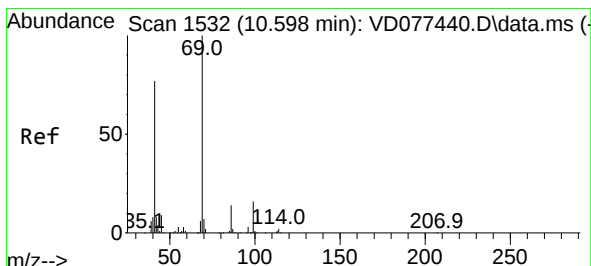
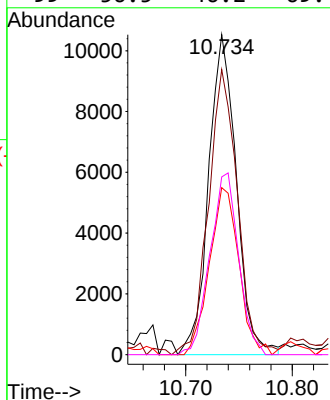
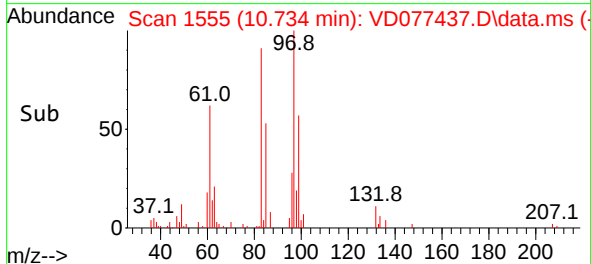
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	1906
Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.6
85	53.0	45.7	68.5
99	56.5	46.2	69.4

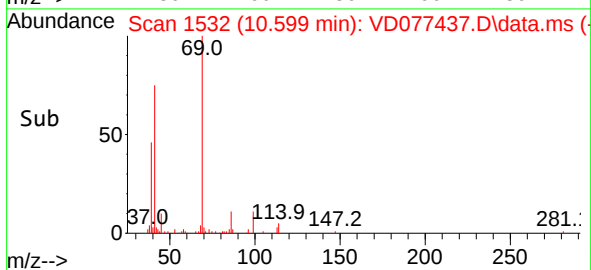
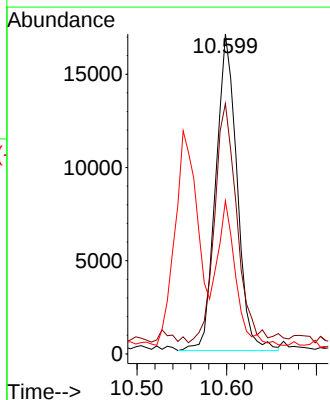
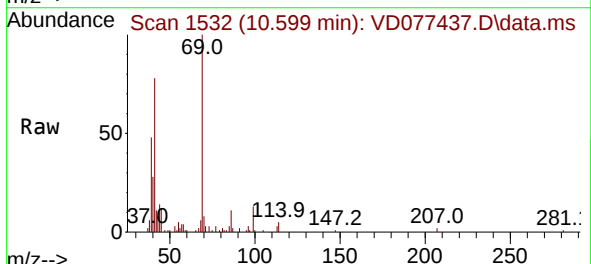
Manual Integrations
APPROVED

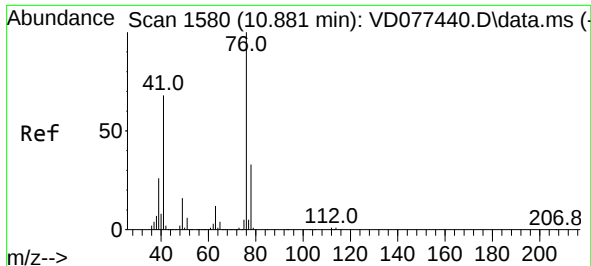
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 5.175 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:	69	Resp:	28022
Ion	Ratio	Lower	Upper
69	100		
41	79.5	39.1	58.7#
39	39.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 4.861 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3308

Ion Ratio Lower Upper

76 100

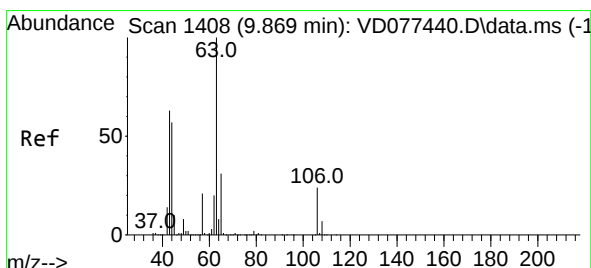
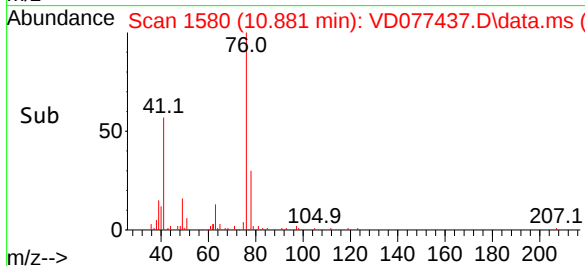
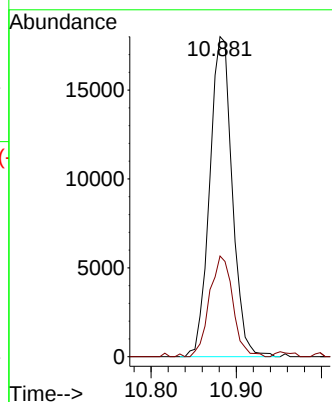
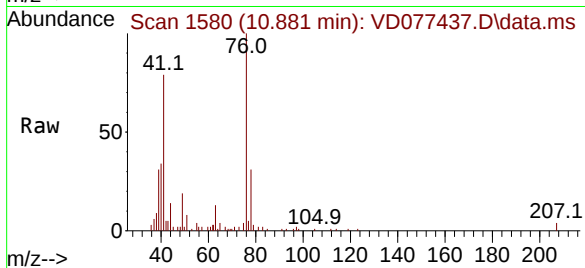
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.631 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077437.D

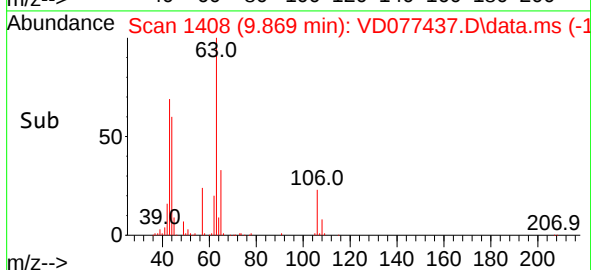
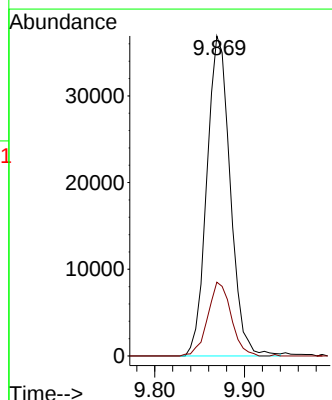
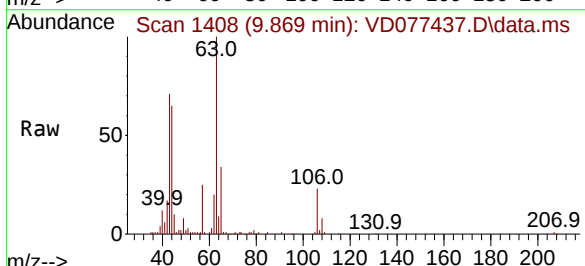
Acq: 30 Oct 2023 09:11

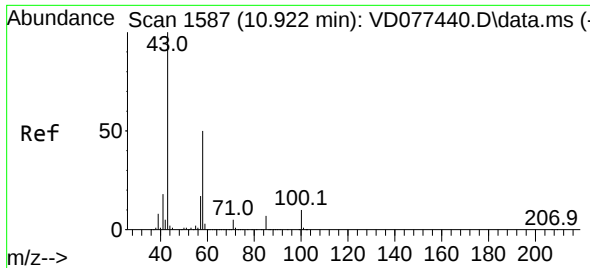
Tgt Ion: 63 Resp: 66768

Ion Ratio Lower Upper

63 100

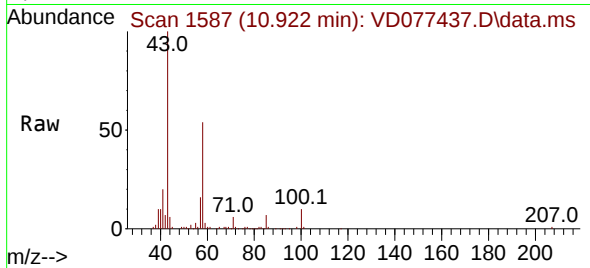
106 23.1 25.3 37.9





#59
2-Hexanone
Concen: 25.904 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

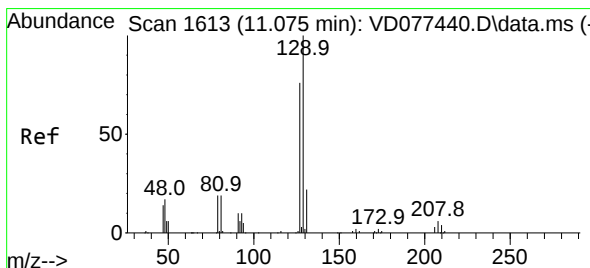
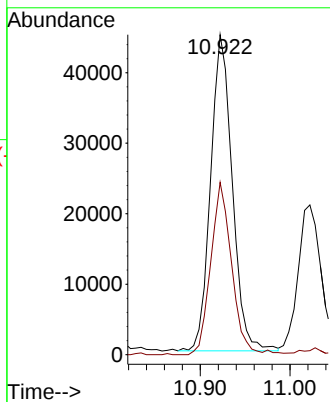
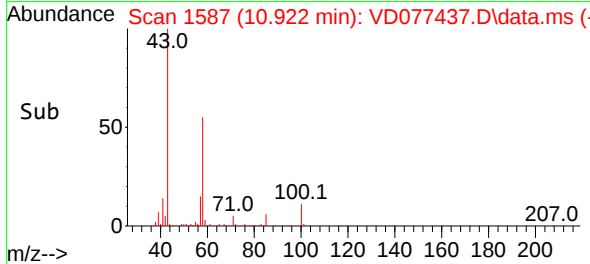
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 75154
Ion Ratio Lower Upper
43 100
58 52.0 34.1 102.2

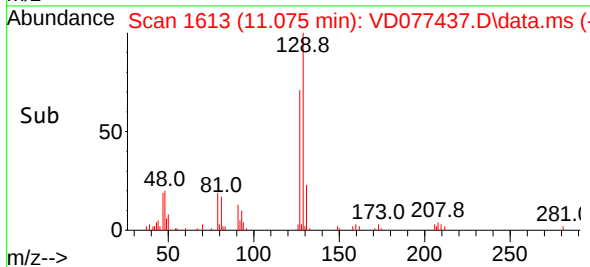
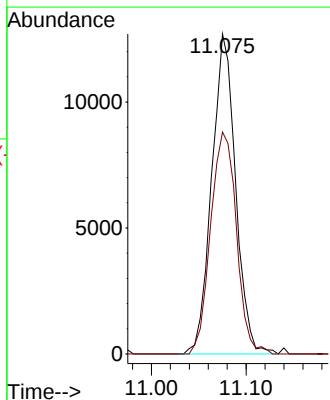
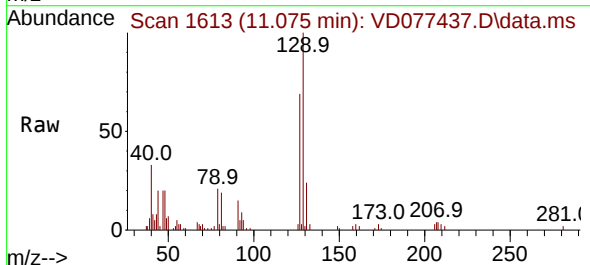
Manual Integrations
APPROVED

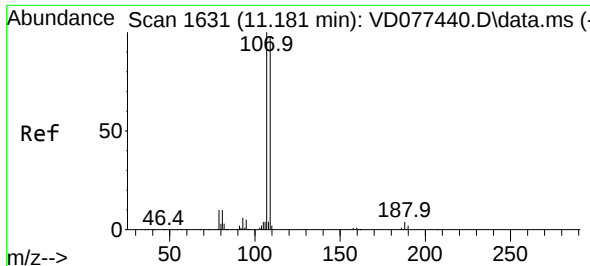
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 5.073 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

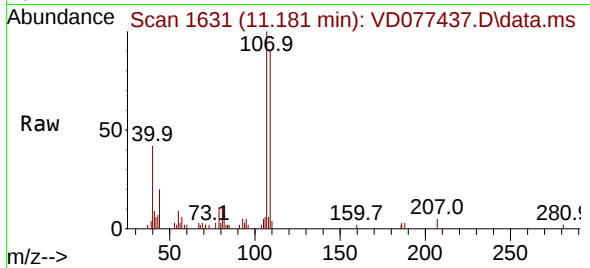
Tgt Ion:129 Resp: 22215
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 5.060 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

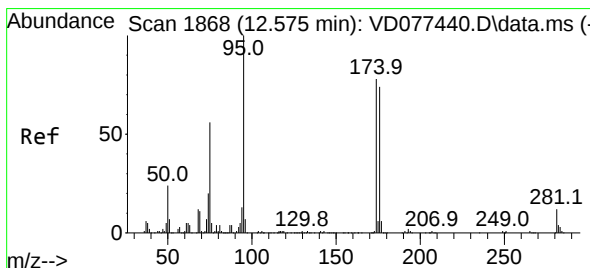
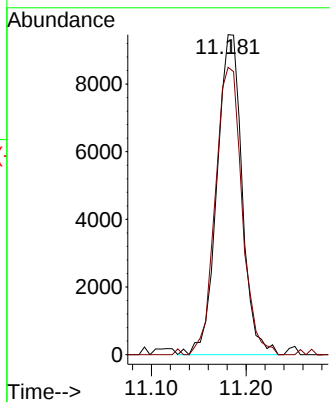
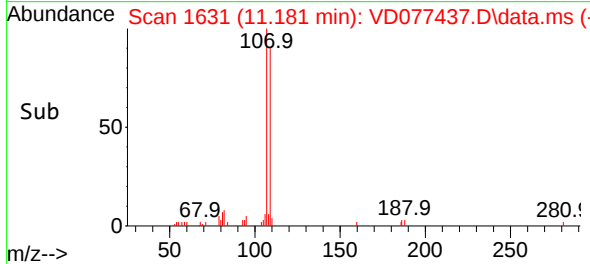
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



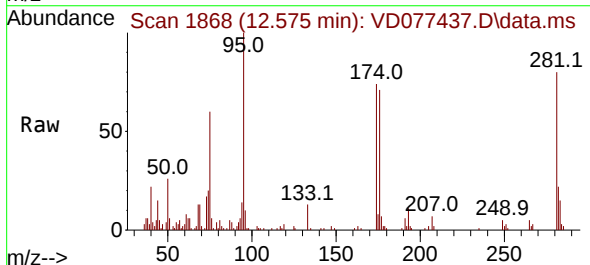
Tgt Ion:107 Resp: 17450
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4

Manual Integrations
APPROVED

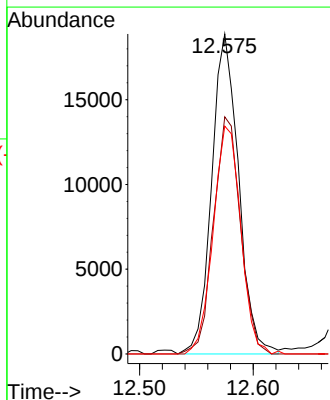
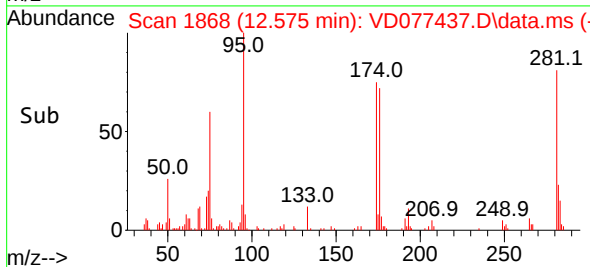
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

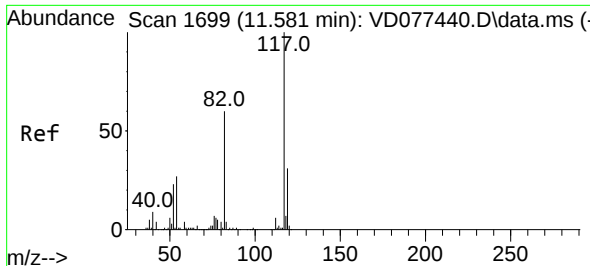


#62
4-Bromofluorobenzene
Concen: 5.213 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



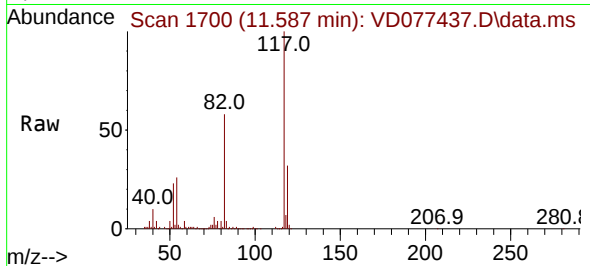
Tgt Ion: 95 Resp: 31080
Ion Ratio Lower Upper
95 100
174 74.1 0.0 201.8
176 73.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11700
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

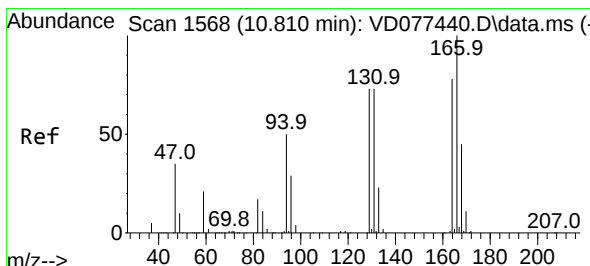
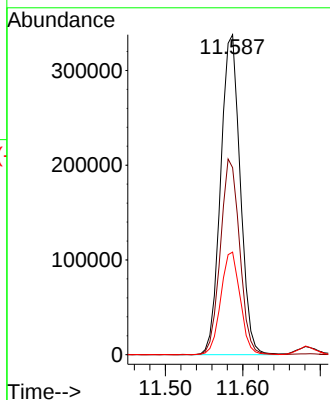
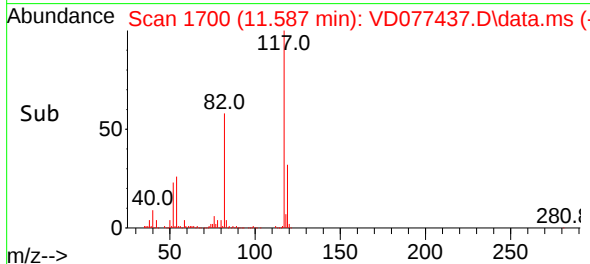
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 592534
Ion Ratio Lower Upper
117 100
82 58.5 38.3 57.5
119 32.0 25.0 37.4

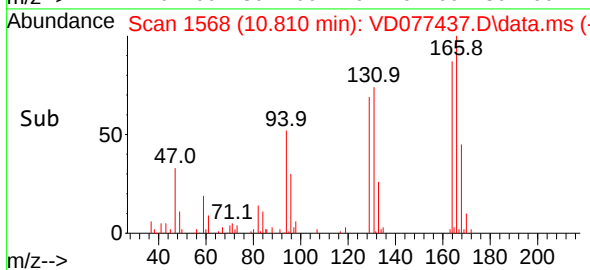
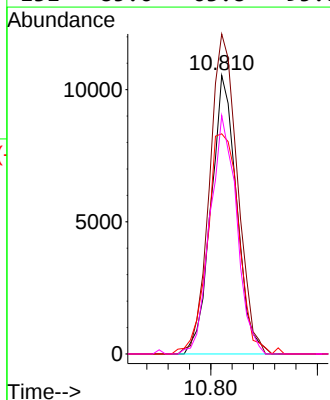
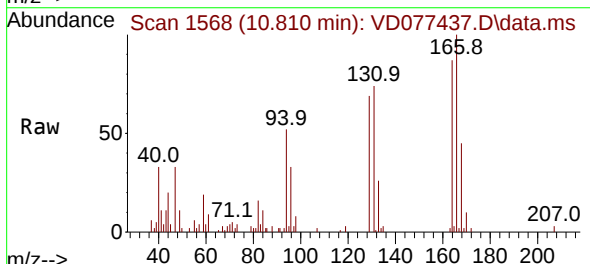
Manual Integrations
APPROVED

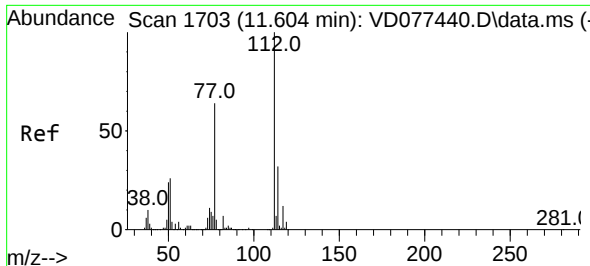
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 4.667 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

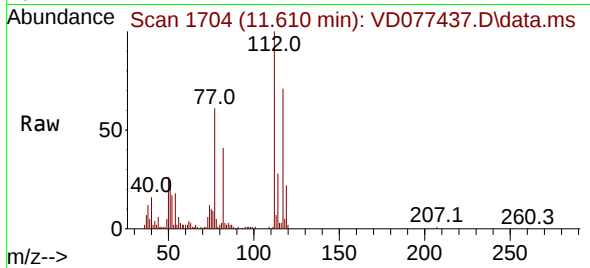
Tgt Ion:164 Resp: 17605
Ion Ratio Lower Upper
164 100
166 114.8 99.2 148.8
129 77.3 68.4 102.6
131 85.6 63.8 95.8





#65
Chlorobenzene
Concen: 4.728 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

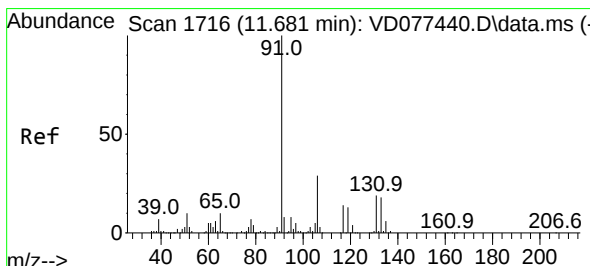
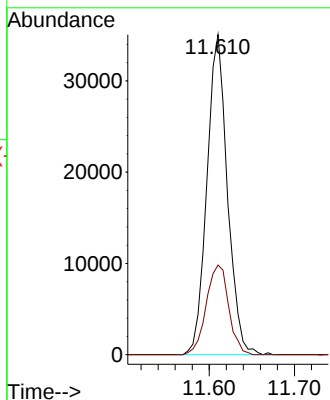
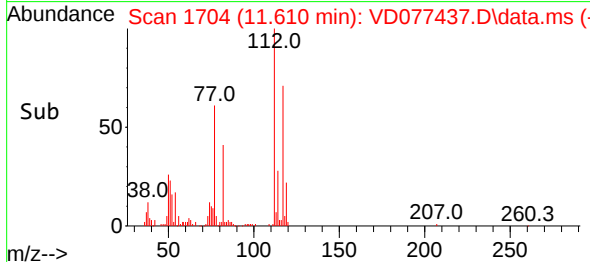
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



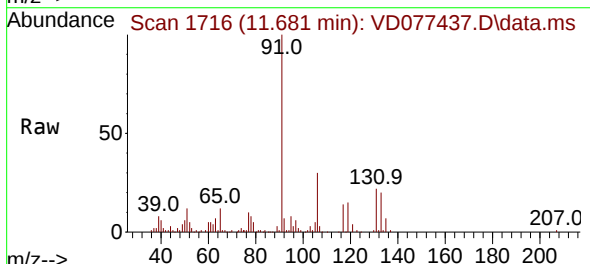
Tgt Ion:112 Resp: 58689
Ion Ratio Lower Upper
112 100
114 28.0 25.1 37.7

Manual Integrations
APPROVED

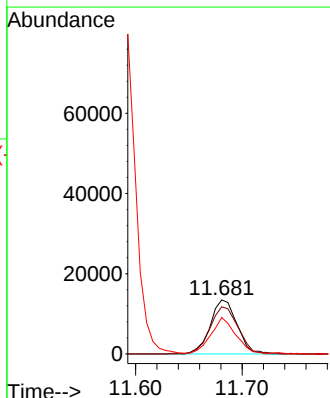
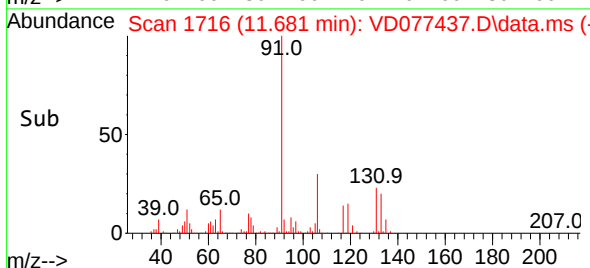
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

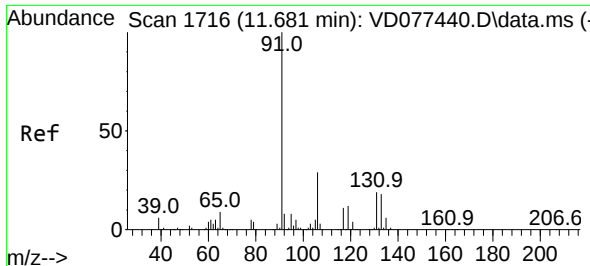


#66
1,1,1,2-Tetrachloroethane
Concen: 4.989 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



Tgt Ion:131 Resp: 23403
Ion Ratio Lower Upper
131 100
133 93.3 48.5 145.5
119 62.9 35.6 106.9





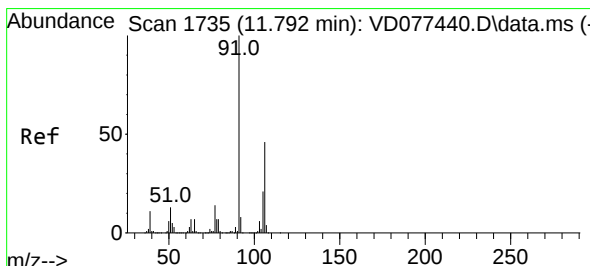
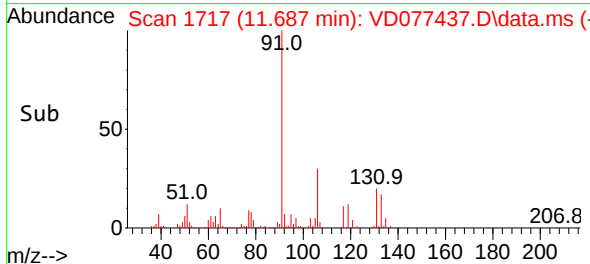
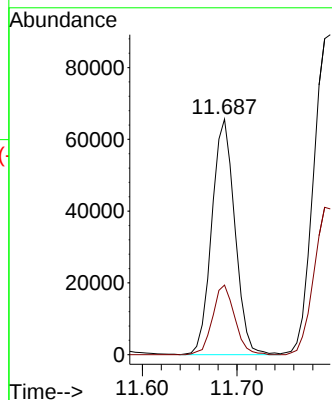
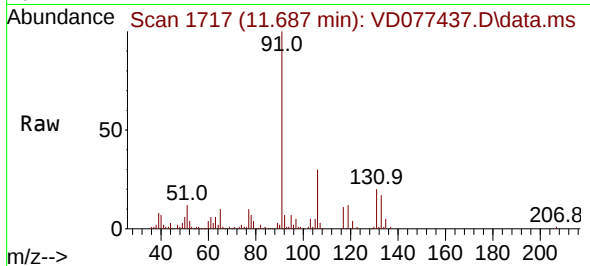
#67
Ethyl Benzene
Concen: 4.664 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 111410
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7

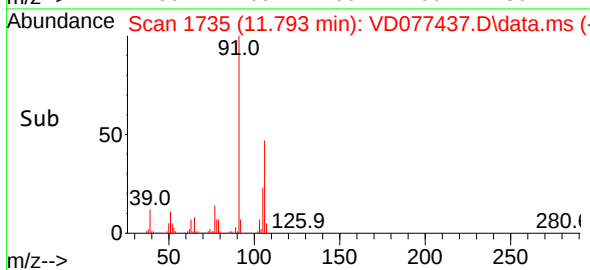
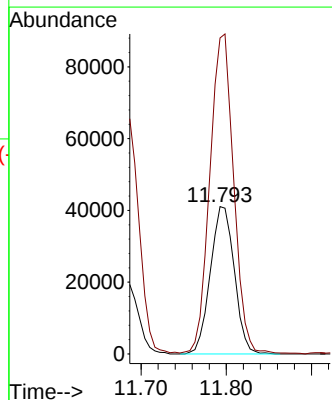
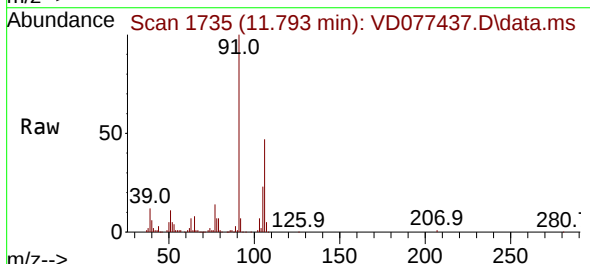
Manual Integrations
APPROVED

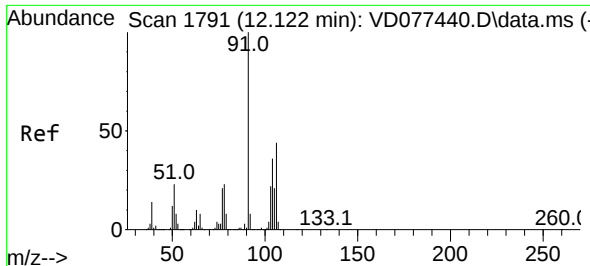
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 9.309 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

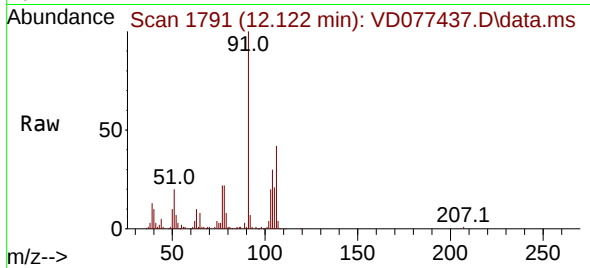
Tgt Ion:106 Resp: 80289
Ion Ratio Lower Upper
106 100
91 216.1 147.0 220.6





#69
o-Xylene
Concen: 4.562 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

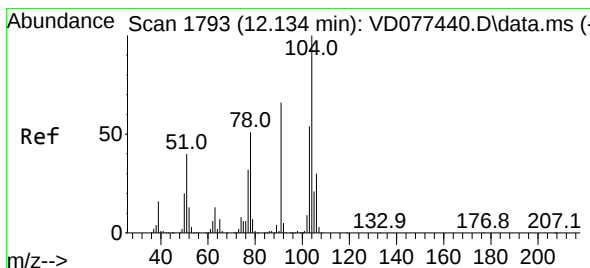
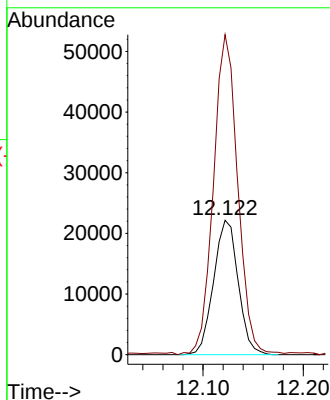
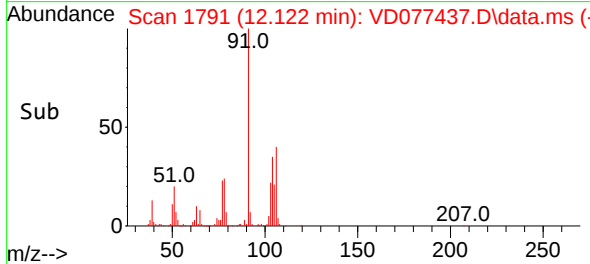
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 37689
Ion Ratio Lower Upper
106 100
91 235.2 97.9 293.6

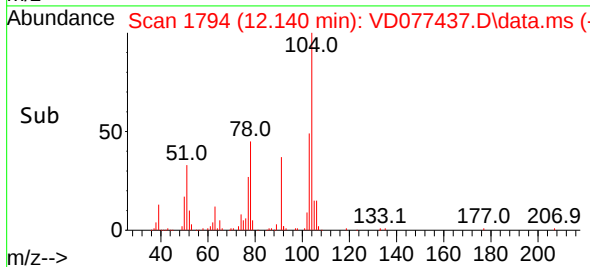
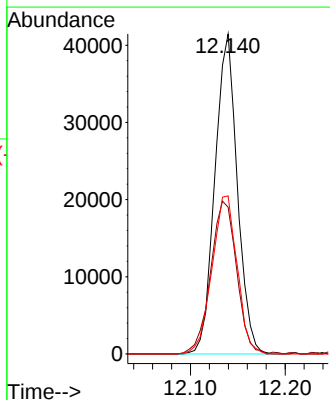
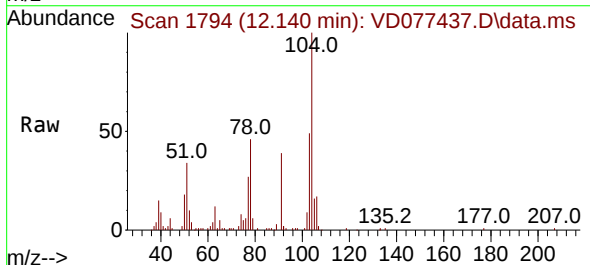
Manual Integrations
APPROVED

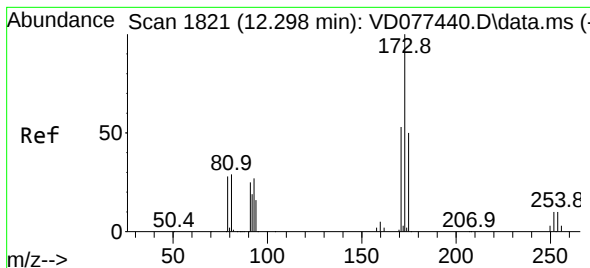
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 4.781 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:104 Resp: 68141
Ion Ratio Lower Upper
104 100
78 55.5 33.2 49.8#
103 55.5 43.6 65.4





#71

Bromoform

Concen: 5.233 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

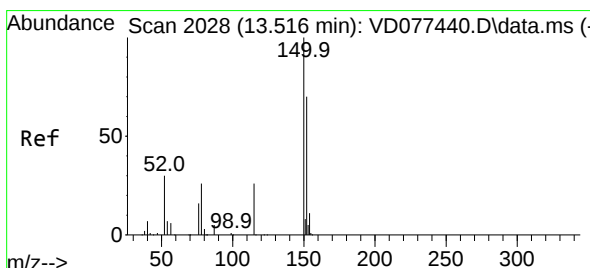
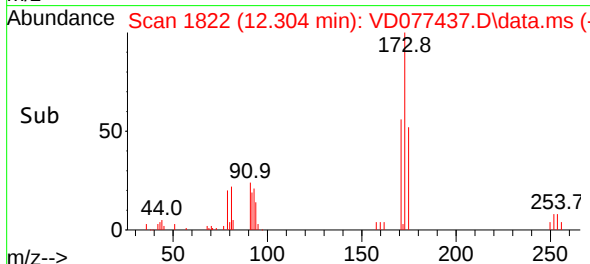
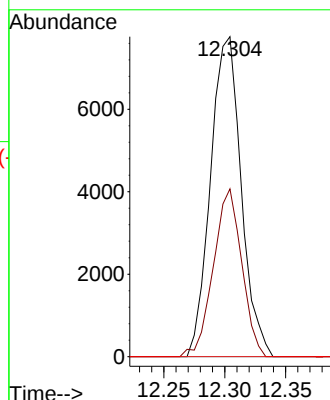
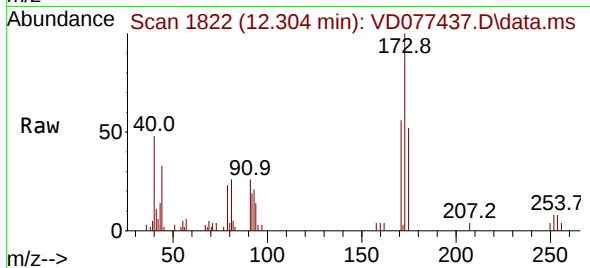
VSTDIC005

Tgt Ion:173 Resp: 13609
 Ion Ratio Lower Upper
 173 100
 175 48.4 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

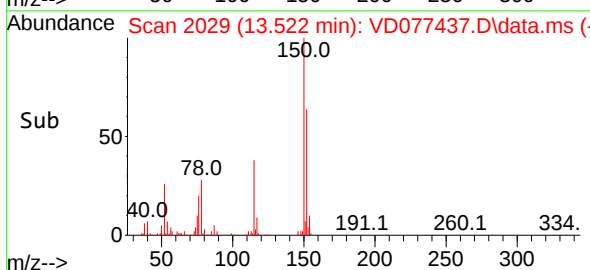
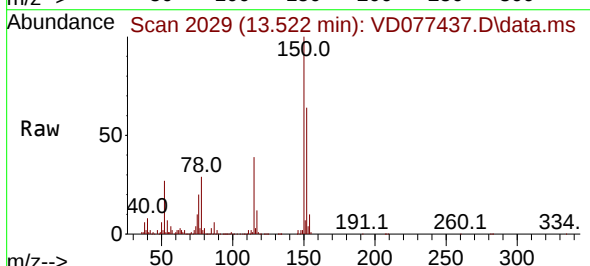
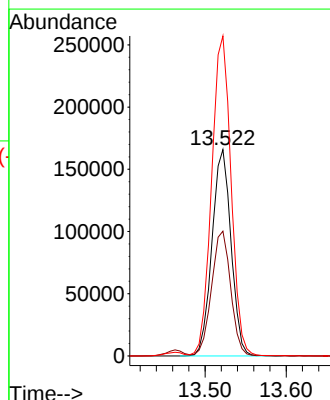
RT: 13.522 min Scan# 2029

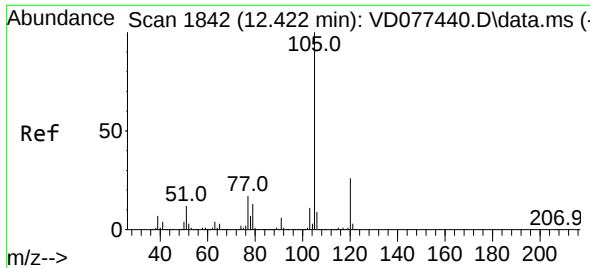
Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

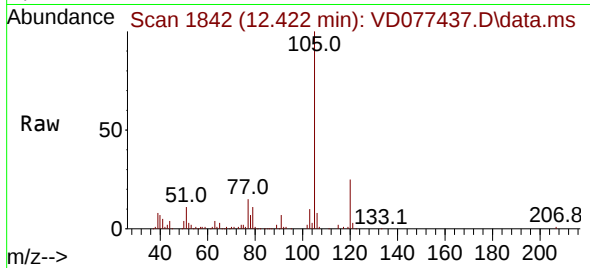
Tgt Ion:152 Resp: 270074
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.1 81.3
 150 157.4 0.0 353.6





#73
Isopropylbenzene
Concen: 4.661 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

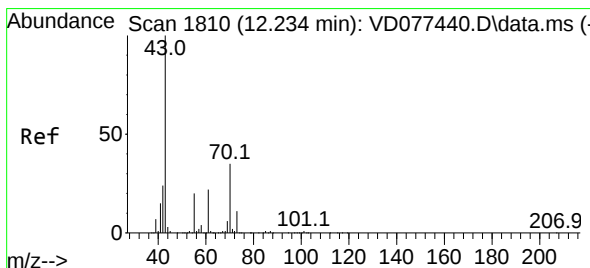
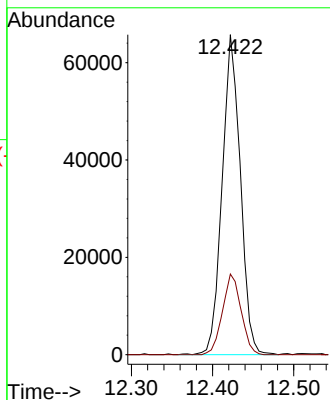
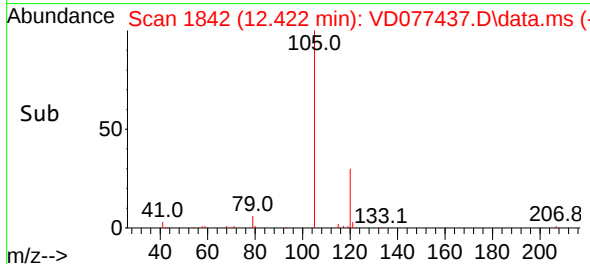
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion:105 Resp: 10263
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

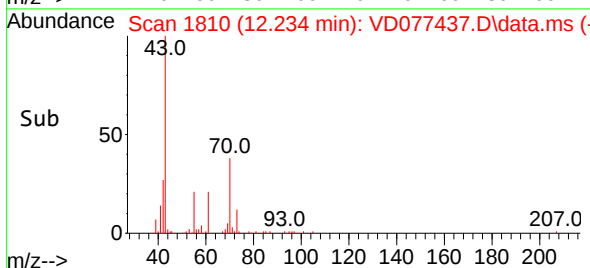
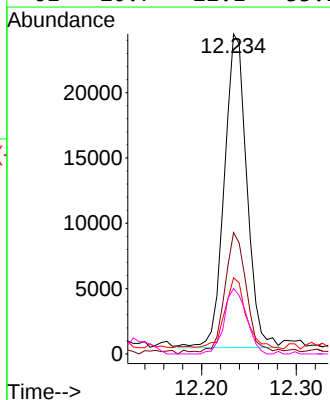
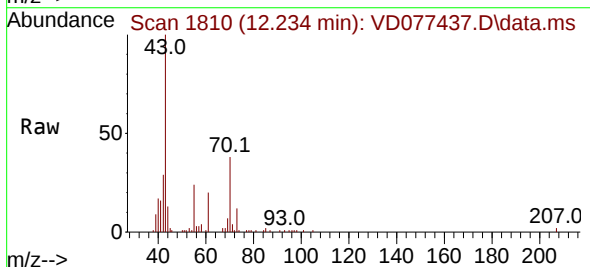
Manual Integrations
APPROVED

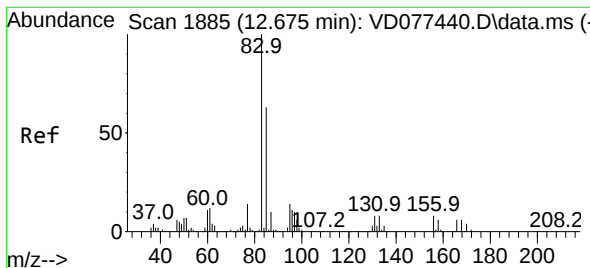
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 5.060 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

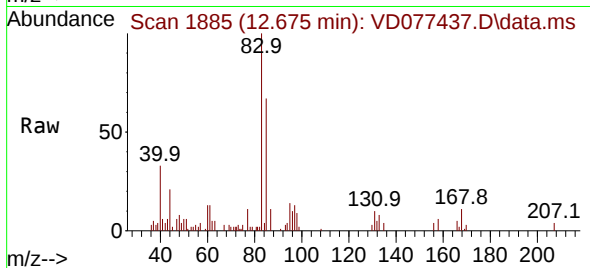
Tgt Ion: 43 Resp: 39466
Ion Ratio Lower Upper
43 100
70 39.3 45.0 67.4#
55 21.6 23.8 35.6#
61 20.7 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.936 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

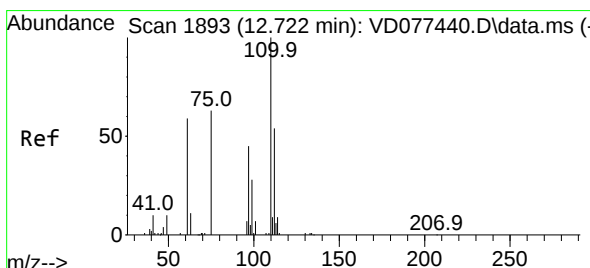
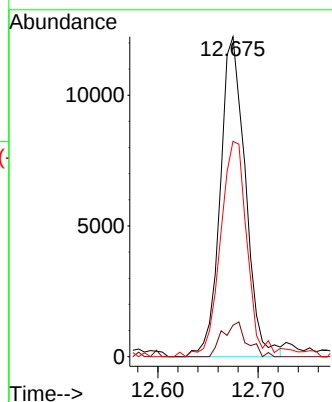
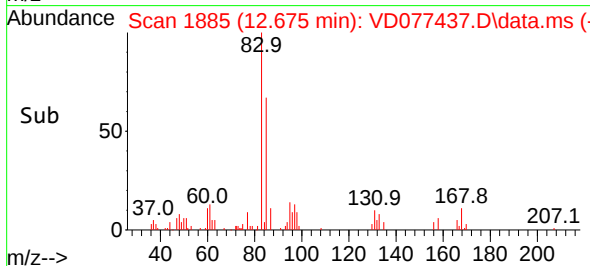
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



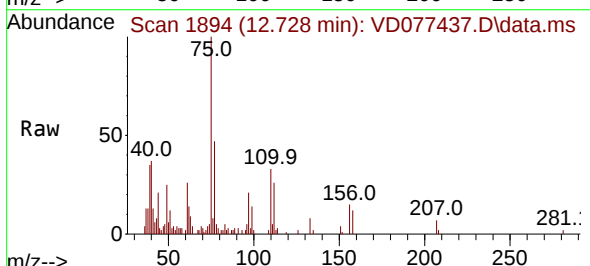
Tgt Ion: 83 Resp: 2130
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 71.7 32.6 97.8

Manual Integrations
APPROVED

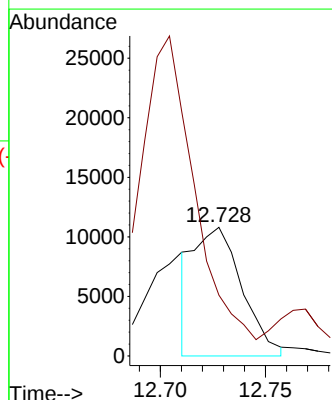
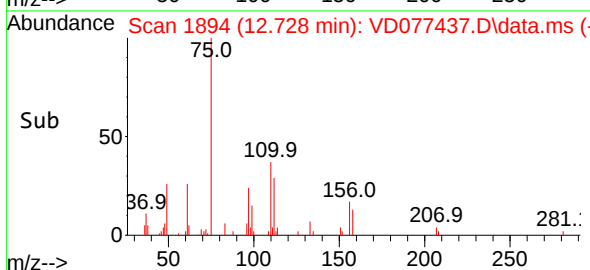
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

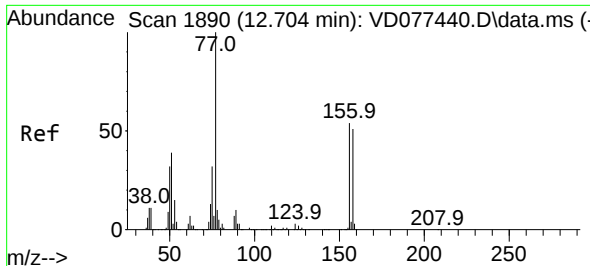


#76
1,2,3-Trichloropropane
Concen: 4.759 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



Tgt Ion: 75 Resp: 17174
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





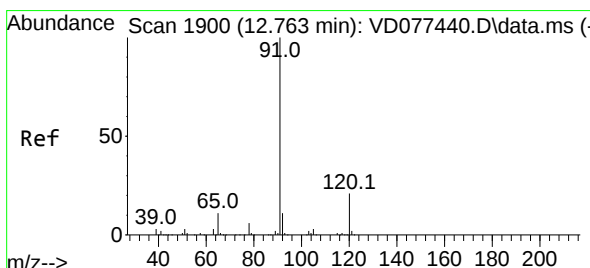
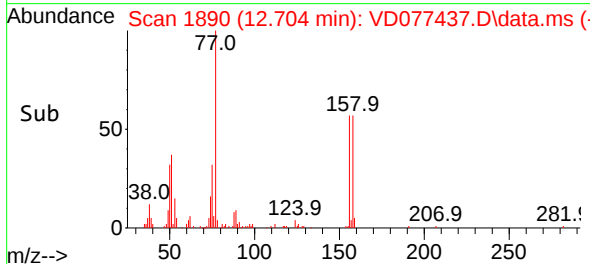
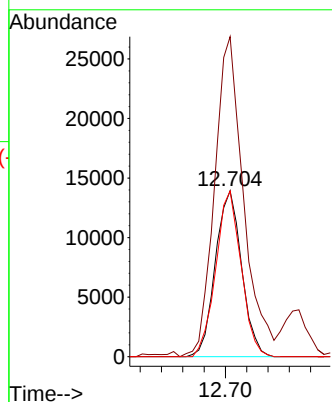
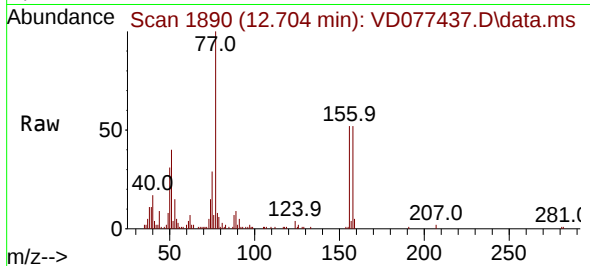
#77
Bromobenzene
Concen: 4.906 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 23778
Ion Ratio Lower Upper
156 100
77 212.7 76.8 230.4
158 96.3 48.6 145.9

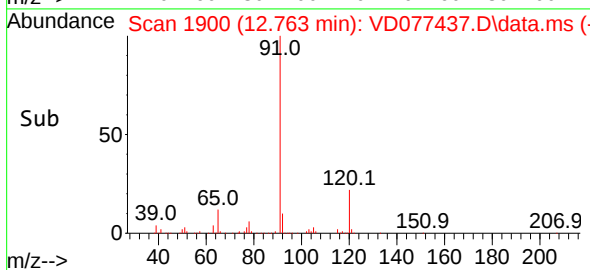
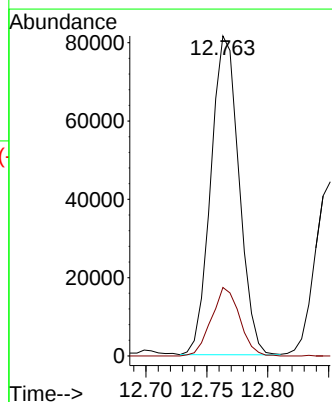
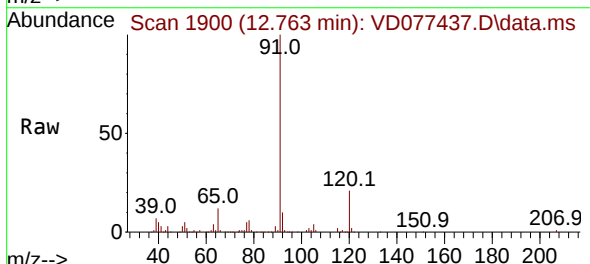
Manual Integrations
APPROVED

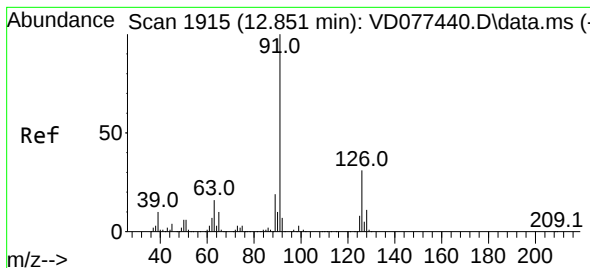
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 4.698 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 91 Resp: 131355
Ion Ratio Lower Upper
91 100
120 21.5 12.4 37.2





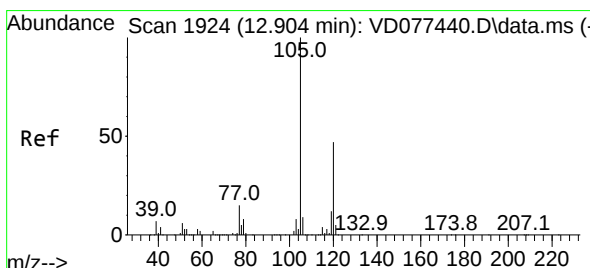
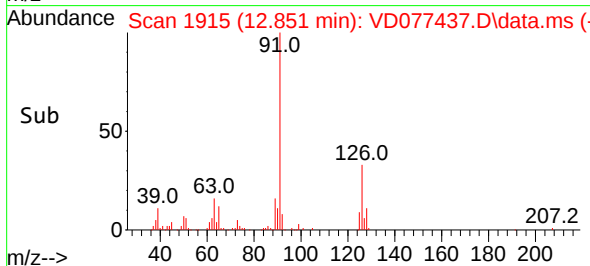
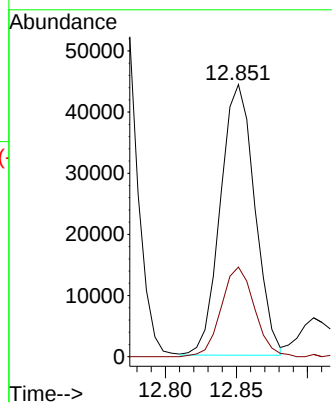
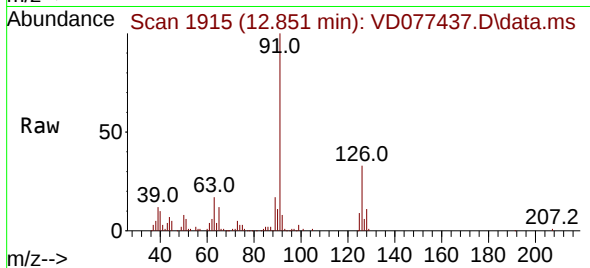
#79
2-Chlorotoluene
Concen: 4.716 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7465
Ion Ratio Lower Upper
91 100
126 31.9 19.4 58.1

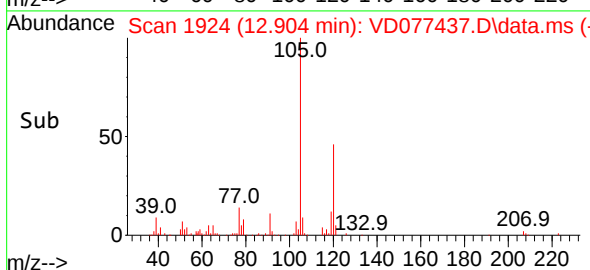
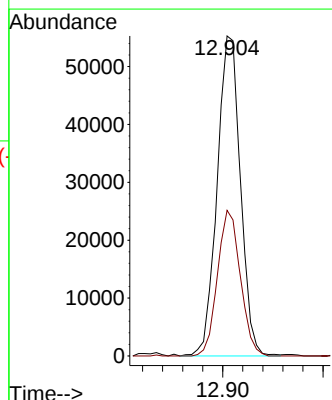
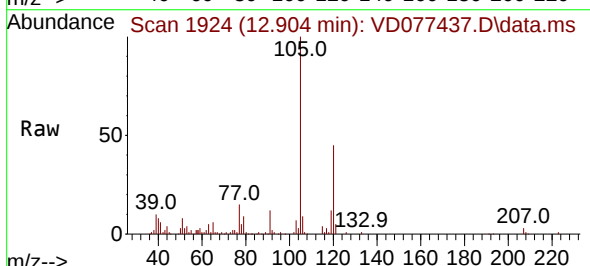
Manual Integrations
APPROVED

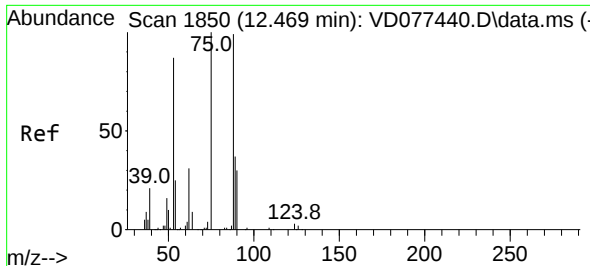
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.830 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

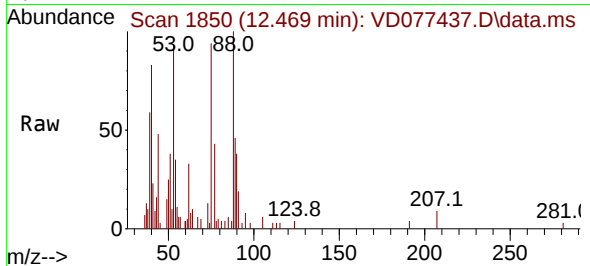
Tgt Ion:105 Resp: 89240
Ion Ratio Lower Upper
105 100
120 44.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 5.165 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

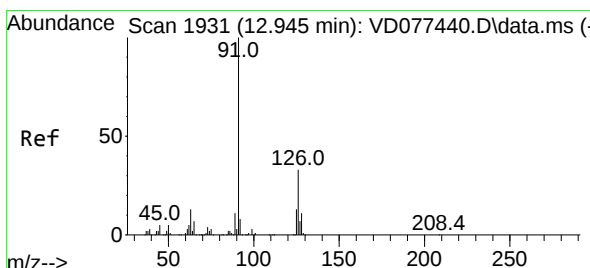
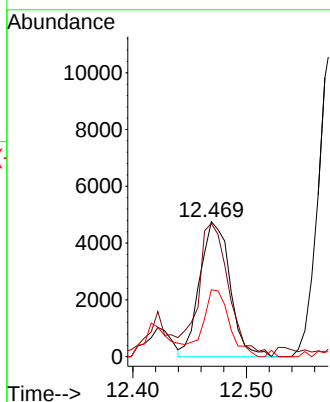
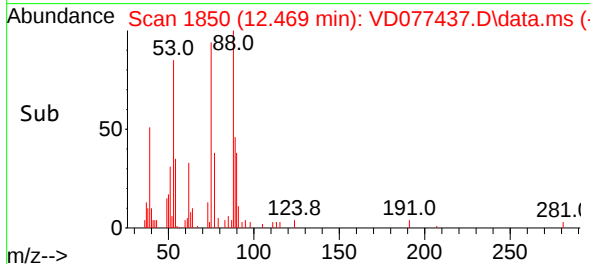
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
53 99.4 63.0 94.4
89 43.2 37.9 56.9

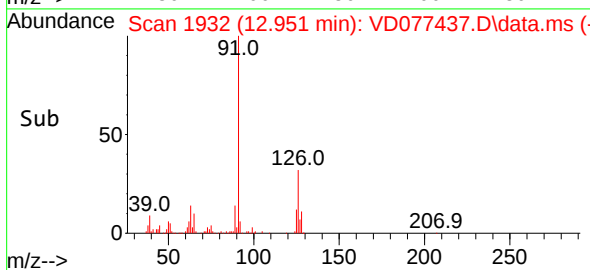
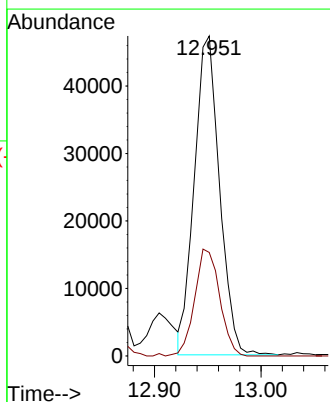
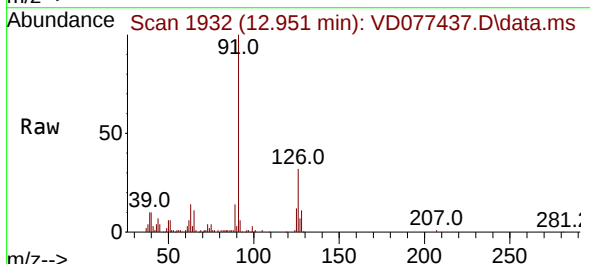
Manual Integrations
APPROVED

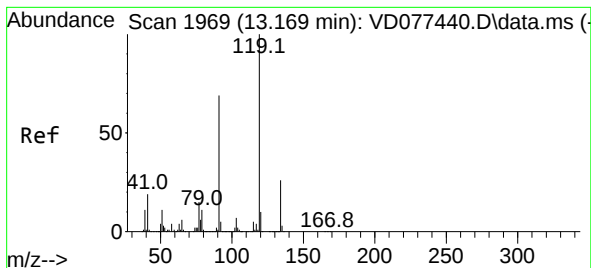
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 4.719 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 91 Resp: 77809
Ion Ratio Lower Upper
91 100
126 33.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.631 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

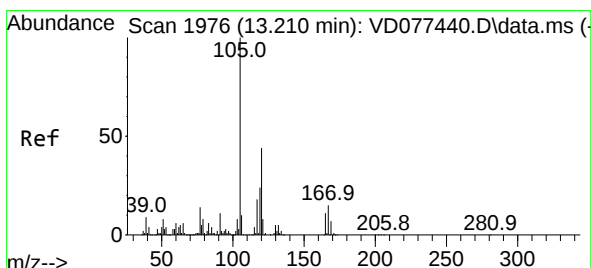
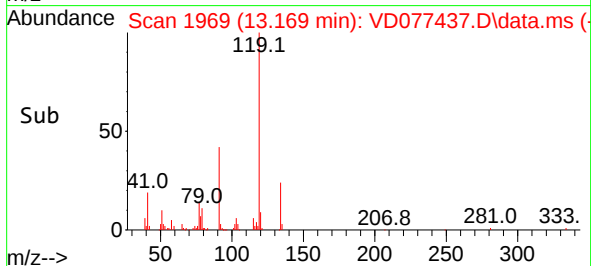
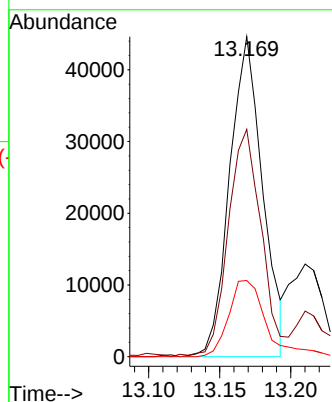
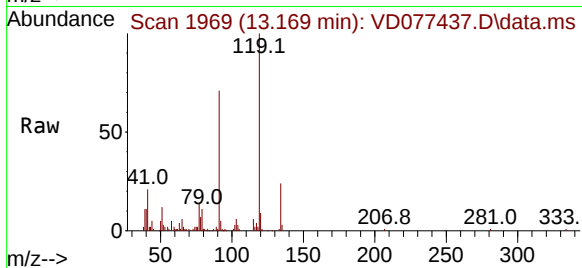
Tgt Ion:	119	Resp:	7194
Ion Ratio	Lower	Upper	
119	100		
91	72.1	29.3	87.8
134	27.1	14.1	42.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.815 ug/l

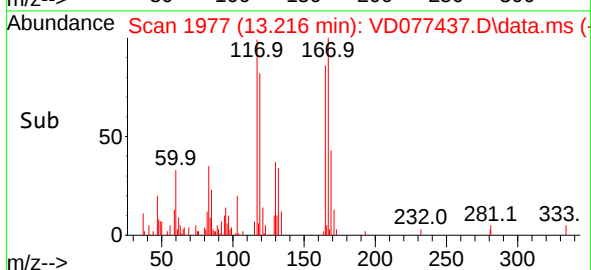
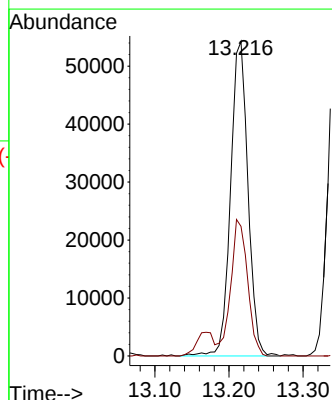
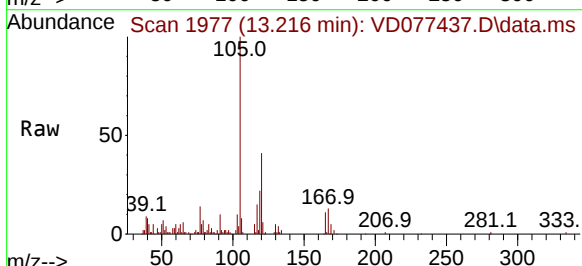
RT: 13.216 min Scan# 1977

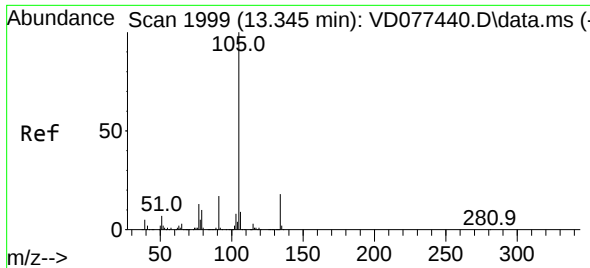
Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion:	105	Resp:	88375
Ion Ratio	Lower	Upper	
105	100		
120	42.3	24.3	72.9





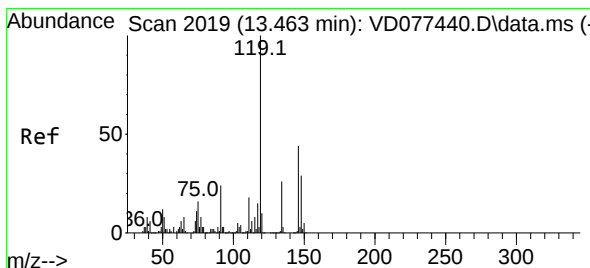
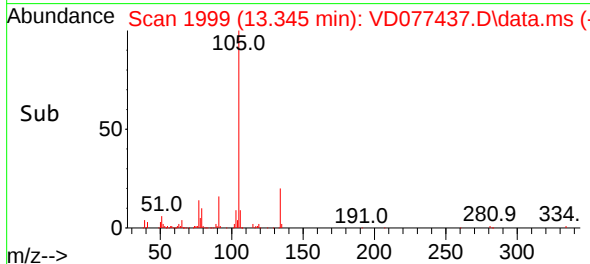
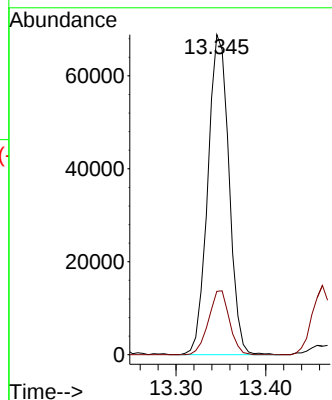
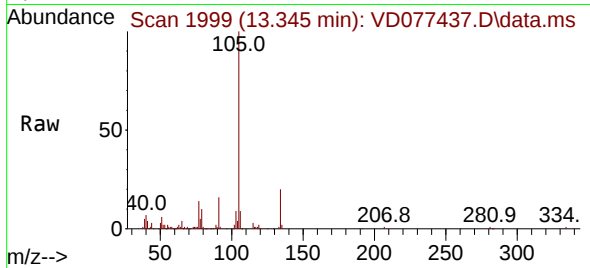
#85
 sec-Butylbenzene
 Concen: 4.738 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 112618
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

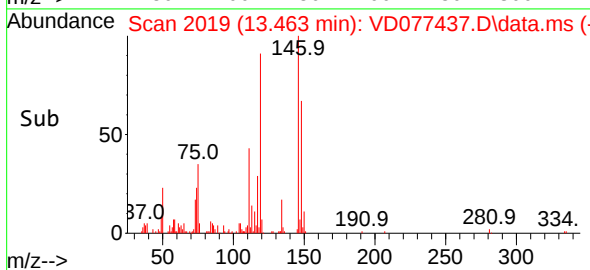
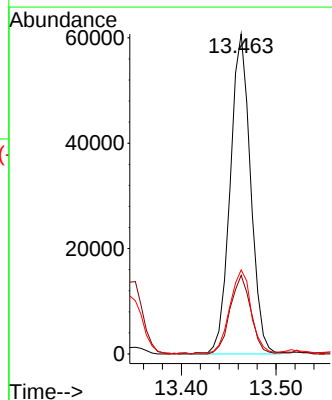
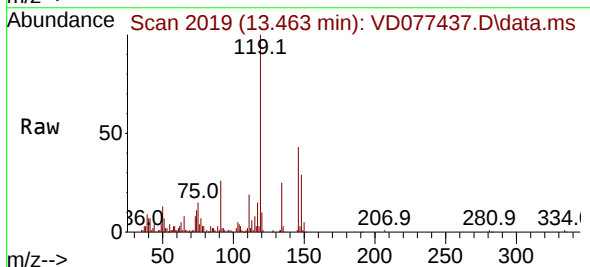
Manual Integrations
 APPROVED

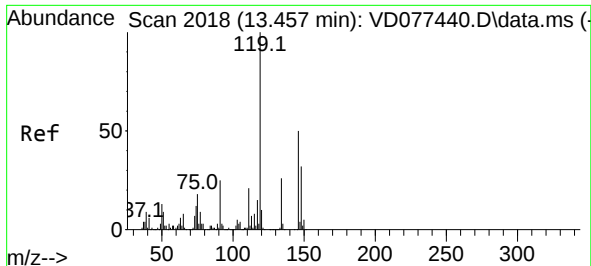
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 4.695 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

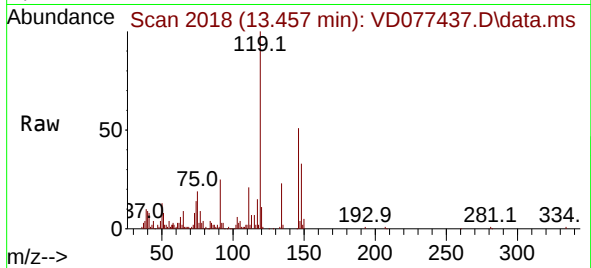
Tgt Ion:119 Resp: 90703
 Ion Ratio Lower Upper
 119 100
 134 25.1 14.2 42.6
 91 27.9 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 4.777 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

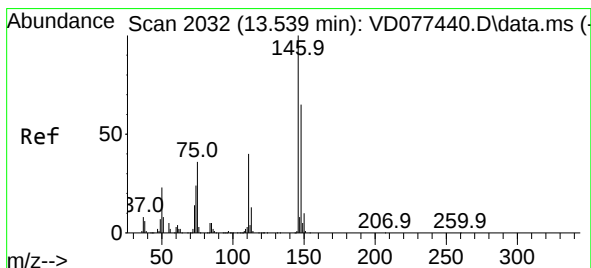
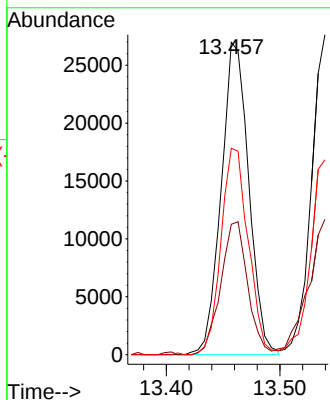
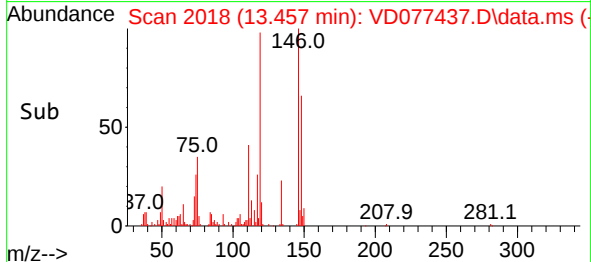
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



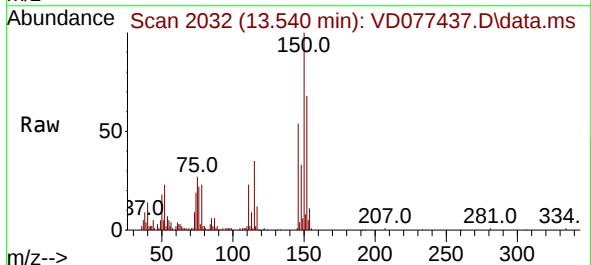
Tgt Ion:146 Resp: 45509
 Ion Ratio Lower Upper
 146 100
 111 41.6 17.9 53.8
 148 65.3 32.3 96.8

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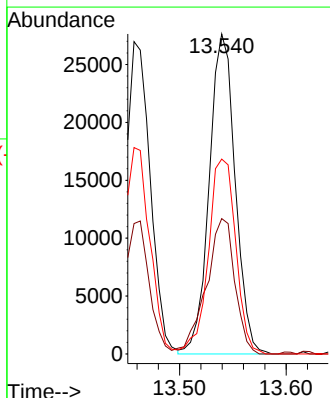
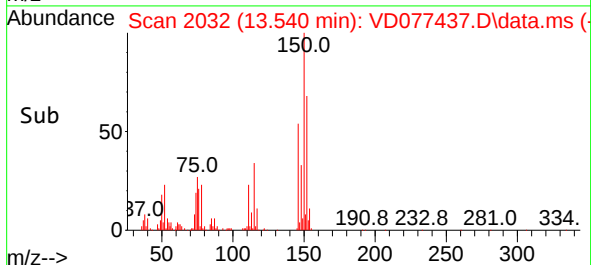
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

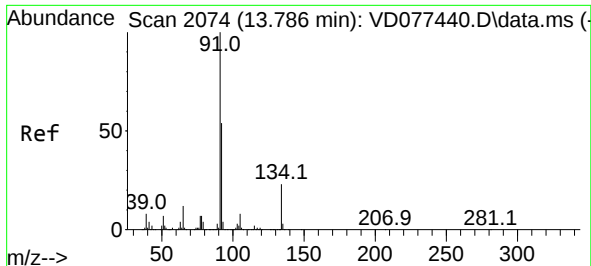


#88
 1,4-Dichlorobenzene
 Concen: 4.912 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11



Tgt Ion:146 Resp: 46751
 Ion Ratio Lower Upper
 146 100
 111 46.8 17.4 52.3
 148 64.3 31.7 95.1





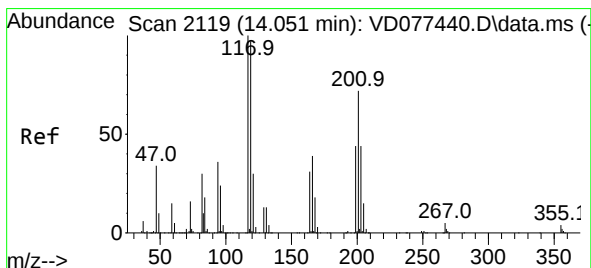
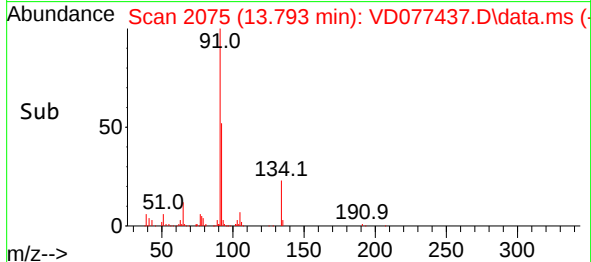
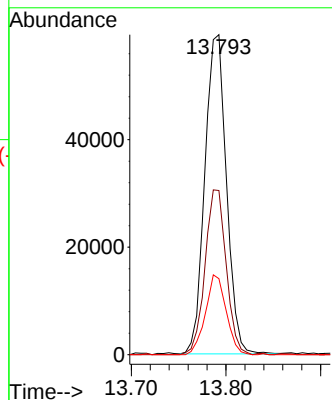
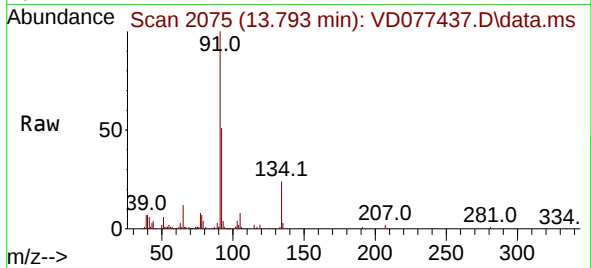
#89
n-Butylbenzene
Concen: 4.688 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 9413
Ion Ratio Lower Upper
91 100
92 50.7 26.5 79.5
134 24.0 13.8 41.3

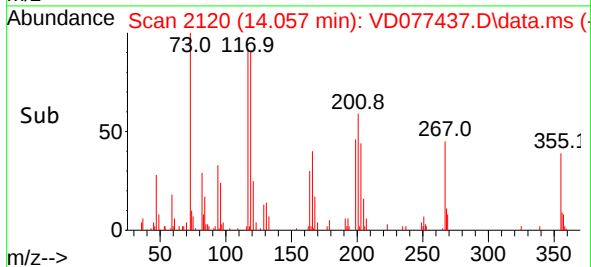
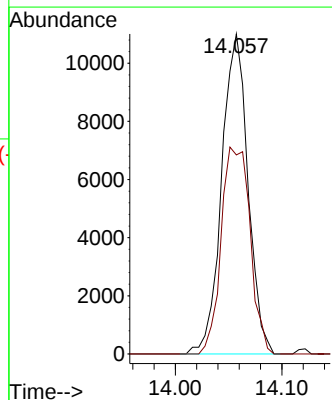
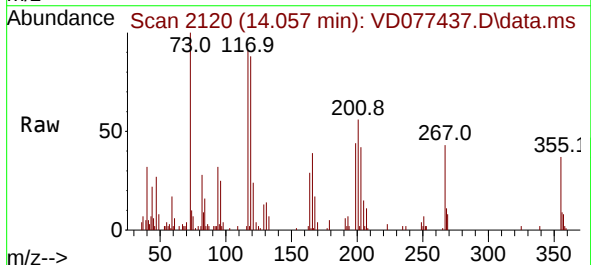
Manual Integrations
APPROVED

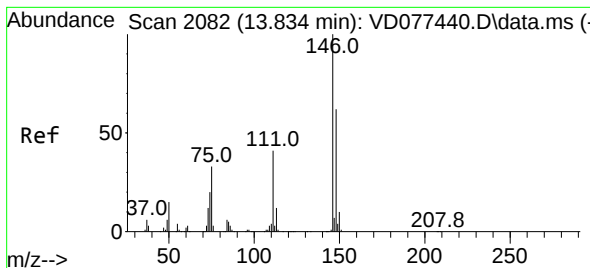
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 4.761 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:117 Resp: 18820
Ion Ratio Lower Upper
117 100
201 71.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 4.875 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 40819

Ion Ratio Lower Upper

146 100

111 43.9 18.3 54.8

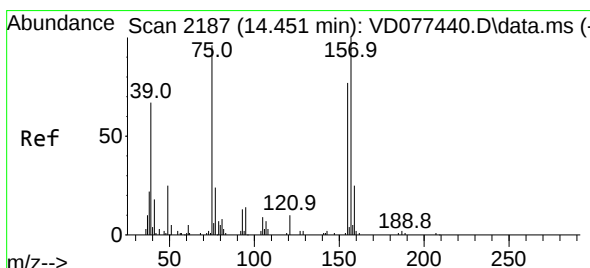
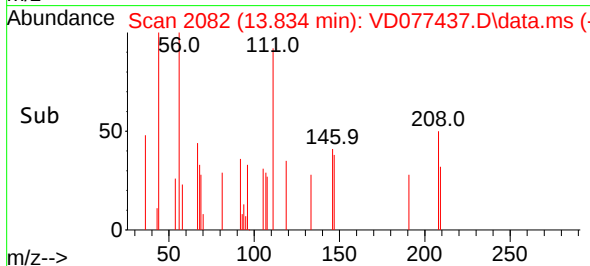
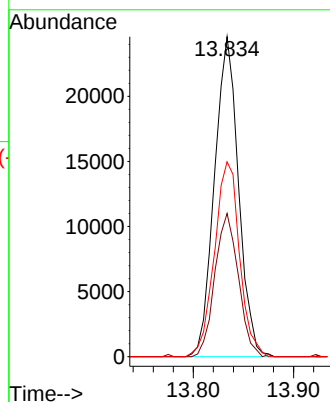
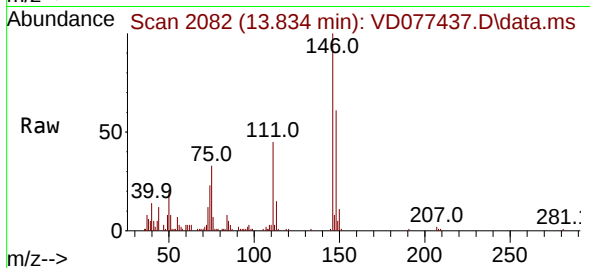
148 63.7 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.582 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

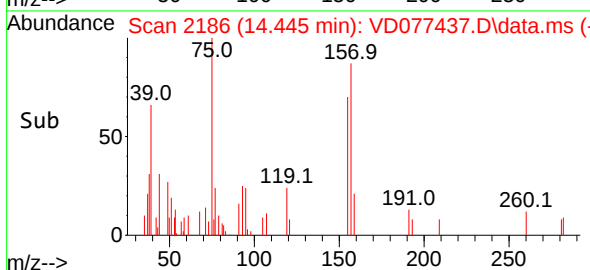
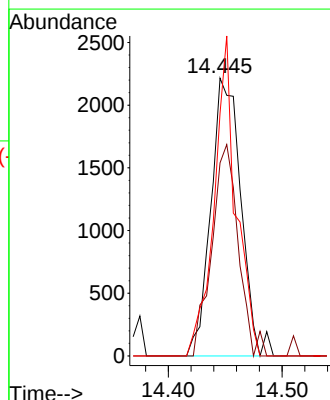
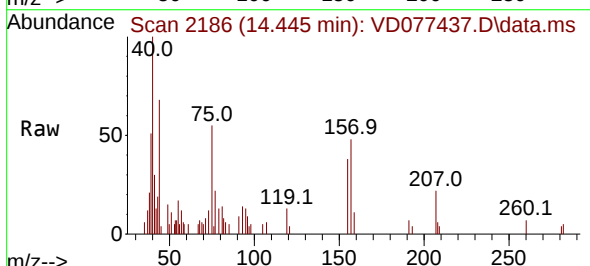
Tgt Ion: 75 Resp: 4059

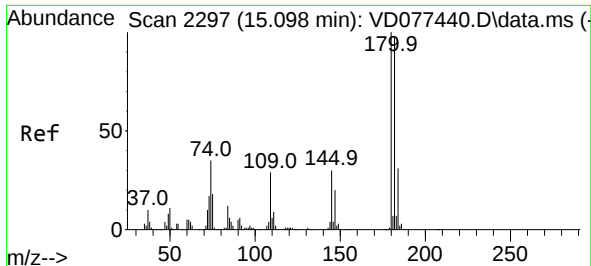
Ion Ratio Lower Upper

75 100

155 67.1 47.9 143.8

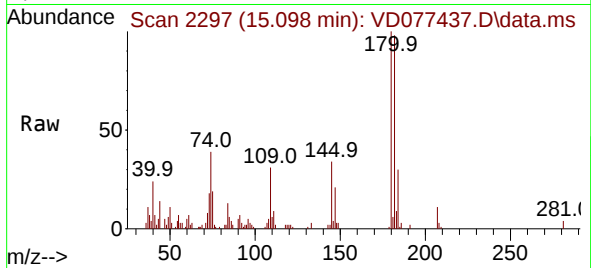
157 84.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 4.673 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

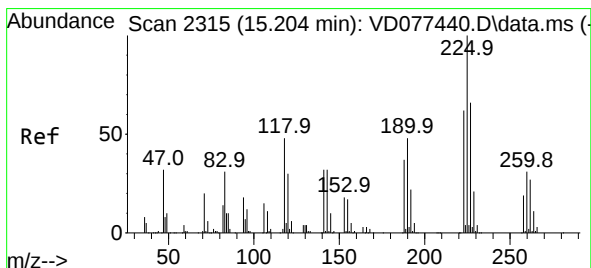
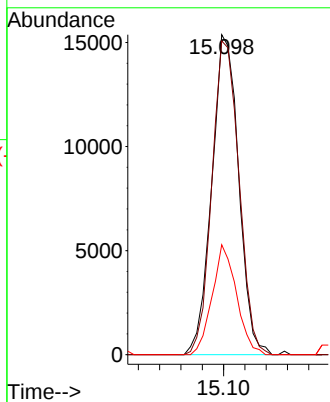
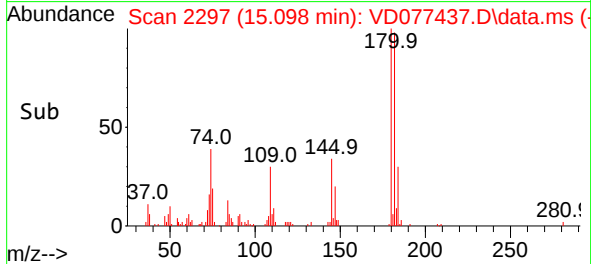
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



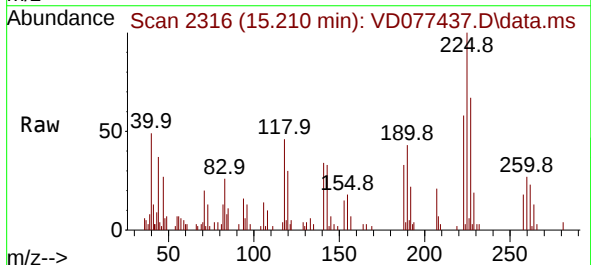
Tgt Ion:180 Resp: 26879
Ion Ratio Lower Upper
180 100
182 98.6 48.5 145.6
145 31.2 14.2 42.6

Manual Integrations
APPROVED

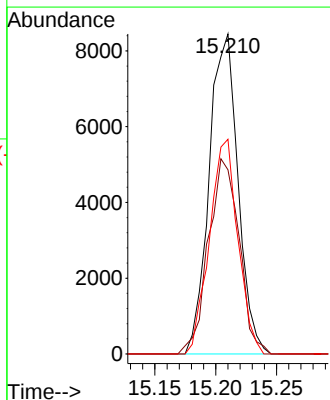
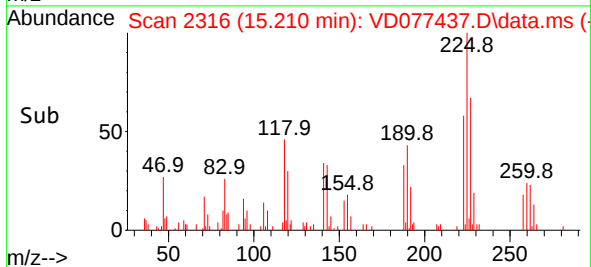
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

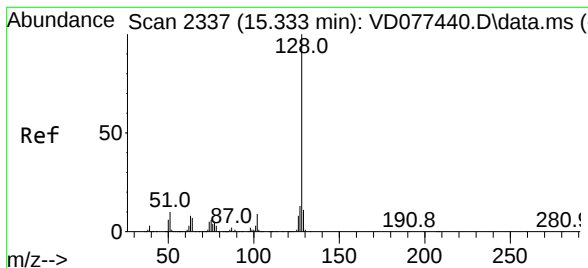


#94
Hexachlorobutadiene
Concen: 4.485 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



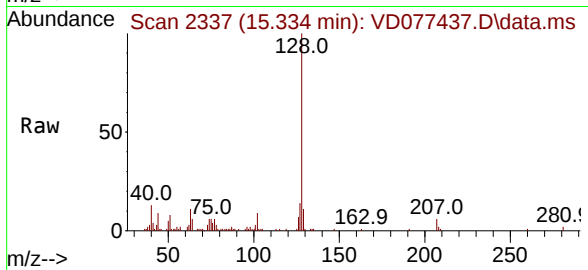
Tgt Ion:225 Resp: 13915
Ion Ratio Lower Upper
225 100
223 64.9 31.6 94.8
227 66.1 31.7 95.1





#95
Naphthalene
Concen: 4.874 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

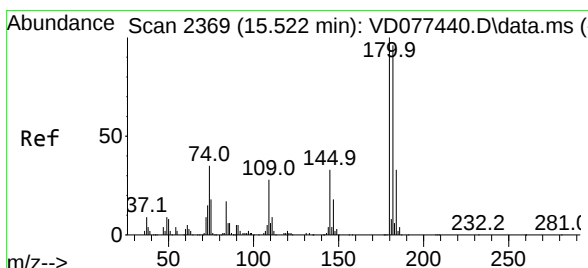
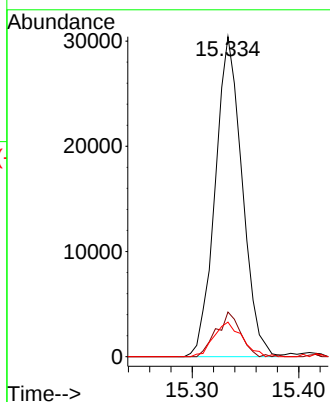
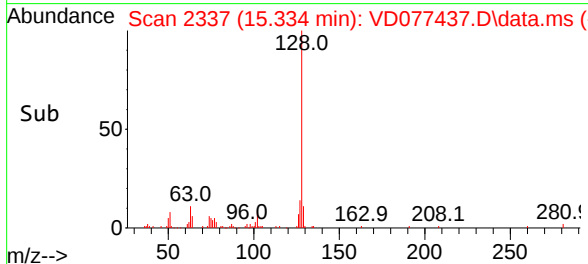
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



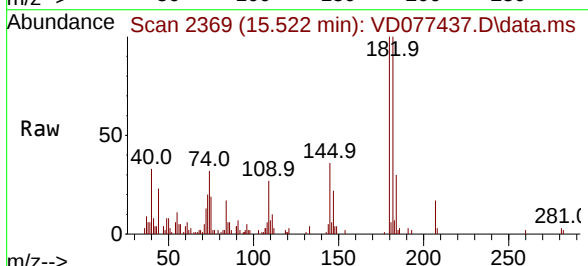
Tgt Ion:128 Resp: 53480
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.920 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



Tgt Ion:180 Resp: 24427
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 31.7 15.1 45.3

