

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077504.D
 Acq On : 06 Nov 2023 09:46
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 02:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	261687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	460934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	405598	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	172025	46.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.980%		
35) Dibromofluoromethane	7.804	113	156042	48.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.960%		
50) Toluene-d8	10.269	98	632631	51.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.240%		
62) 4-Bromofluorobenzene	12.575	95	198889	47.720	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	94994	45.020	ug/l	96
3) Chloromethane	2.152	50	182380	54.442	ug/l	97
4) Vinyl Chloride	2.287	62	202227	61.905	ug/l	98
5) Bromomethane	2.699	94	115377	67.401	ug/l	99
6) Chloroethane	2.846	64	139231	63.304	ug/l	97
7) Trichlorofluoromethane	3.181	101	225571	49.308	ug/l	97
8) Diethyl Ether	3.593	74	76649	46.611	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	3.969	101	135052	48.901	ug/l	95
10) Methyl Iodide	4.169	142	154949	44.776	ug/l #	91
11) Tert butyl alcohol	5.052	59	55976	190.966	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	132163	50.548	ug/l #	66
13) Acrolein	3.799	56	67863	175.566	ug/l	96
14) Allyl chloride	4.569	41	301037	47.727	ug/l #	83
15) Acrylonitrile	5.257	53	201927	227.152	ug/l	96
16) Acetone	4.016	43	274113	279.946	ug/l #	78
17) Carbon Disulfide	4.281	76	384727	47.876	ug/l	97
18) Methyl Acetate	4.563	43	169456	47.445	ug/l #	75
19) Methyl tert-butyl Ether	5.322	73	374833	45.672	ug/l	93
20) Methylene Chloride	4.805	84	164752	44.491	ug/l #	66
21) trans-1,2-Dichloroethene	5.316	96	152770	50.170	ug/l #	70
22) Diisopropyl ether	6.216	45	628758	46.903	ug/l #	88
23) Vinyl Acetate	6.157	43	1283496m	221.928	ug/l	
24) 1,1-Dichloroethane	6.116	63	330607	47.529	ug/l	96
25) 2-Butanone	7.081	43	301034	230.491	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	285953	46.388	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	182169	48.289	ug/l	73
28) Bromochloromethane	7.428	49	132949	42.489	ug/l #	56
29) Tetrahydrofuran	7.446	42	169082	218.281	ug/l #	72
30) Chloroform	7.598	83	307238	47.306	ug/l	96
31) Cyclohexane	7.875	56	286496	49.527	ug/l #	74
32) 1,1,1-Trichloroethane	7.798	97	260366	48.656	ug/l	94
36) 1,1-Dichloropropene	8.010	75	239664	50.739	ug/l	92
37) Ethyl Acetate	7.163	43	122114	45.048	ug/l #	90
38) Carbon Tetrachloride	7.993	117	221801	49.831	ug/l	96
39) Methylcyclohexane	9.275	83	277247	51.443	ug/l #	85
40) Benzene	8.251	78	678884	50.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	78693	45.370	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	192990	45.239	ug/l	89
43) Isopropyl Acetate	8.357	43	240613	43.013	ug/l #	82
44) Trichloroethene	9.028	130	159796	48.434	ug/l	86
45) 1,2-Dichloropropane	9.304	63	193225	48.728	ug/l	98
46) Dibromomethane	9.393	93	85671	44.894	ug/l	90
47) Bromodichloromethane	9.587	83	231535	45.904	ug/l	98
48) Methyl methacrylate	9.381	41	116767	43.729	ug/l #	66
49) 1,4-Dioxane	9.381	88	17948	875.285	ug/l #	68
51) 4-Methyl-2-Pentanone	10.157	43	606401	220.236	ug/l #	81
52) Toluene	10.334	92	406694	49.530	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	245653	45.994	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	288551	46.948	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	116210	45.644	ug/l	93
56) Ethyl methacrylate	10.598	69	170228	44.969	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	222168	46.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	464928	245.330	ug/l #	85
59) 2-Hexanone	10.922	43	467378	230.422	ug/l	79
60) Dibromochloromethane	11.075	129	138070	45.099	ug/l	93
61) 1,2-Dibromoethane	11.181	107	107173	44.451	ug/l	100
64) Tetrachloroethene	10.810	164	123208	47.713	ug/l	92
65) Chlorobenzene	11.610	112	412721	48.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	151646	47.226	ug/l	96
67) Ethyl Benzene	11.687	91	816876	49.963	ug/l	94
68) m/p-Xylenes	11.792	106	588362	99.655	ug/l	81
69) o-Xylene	12.122	106	283805	50.185	ug/l	82
70) Styrene	12.134	104	477168	48.911	ug/l #	90
71) Bromoform	12.298	173	78948	44.348	ug/l #	98
73) Isopropylbenzene	12.422	105	758116	49.933	ug/l	95
74) N-amyl acetate	12.234	43	230058	42.779	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	134580	45.220	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	103568m	45.696	ug/l	
77) Bromobenzene	12.704	156	159742	47.800	ug/l	75
78) n-propylbenzene	12.763	91	962082	49.906	ug/l	93
79) 2-Chlorotoluene	12.851	91	513966	47.087	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	619439	48.623	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	53310	45.434	ug/l	89
82) 4-Chlorotoluene	12.951	91	529983	46.613	ug/l	90
83) tert-Butylbenzene	13.169	119	530005	49.483	ug/l	90
84) 1,2,4-Trimethylbenzene	13.216	105	625386	49.418	ug/l	92
85) sec-Butylbenzene	13.345	105	818655	49.954	ug/l	94
86) p-Isopropyltoluene	13.463	119	670656	50.346	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	323103	49.185	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	311572	47.472	ug/l	96
89) n-Butylbenzene	13.786	91	687927	49.687	ug/l	97
90) Hexachloroethane	14.057	117	131159	48.116	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	274417	47.534	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	21807	43.494	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	184017	46.399	ug/l	99
94) Hexachlorobutadiene	15.204	225	104002	48.615	ug/l	99
95) Naphthalene	15.333	128	347270	45.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	156764	45.792	ug/l	98

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

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Manual Integrations

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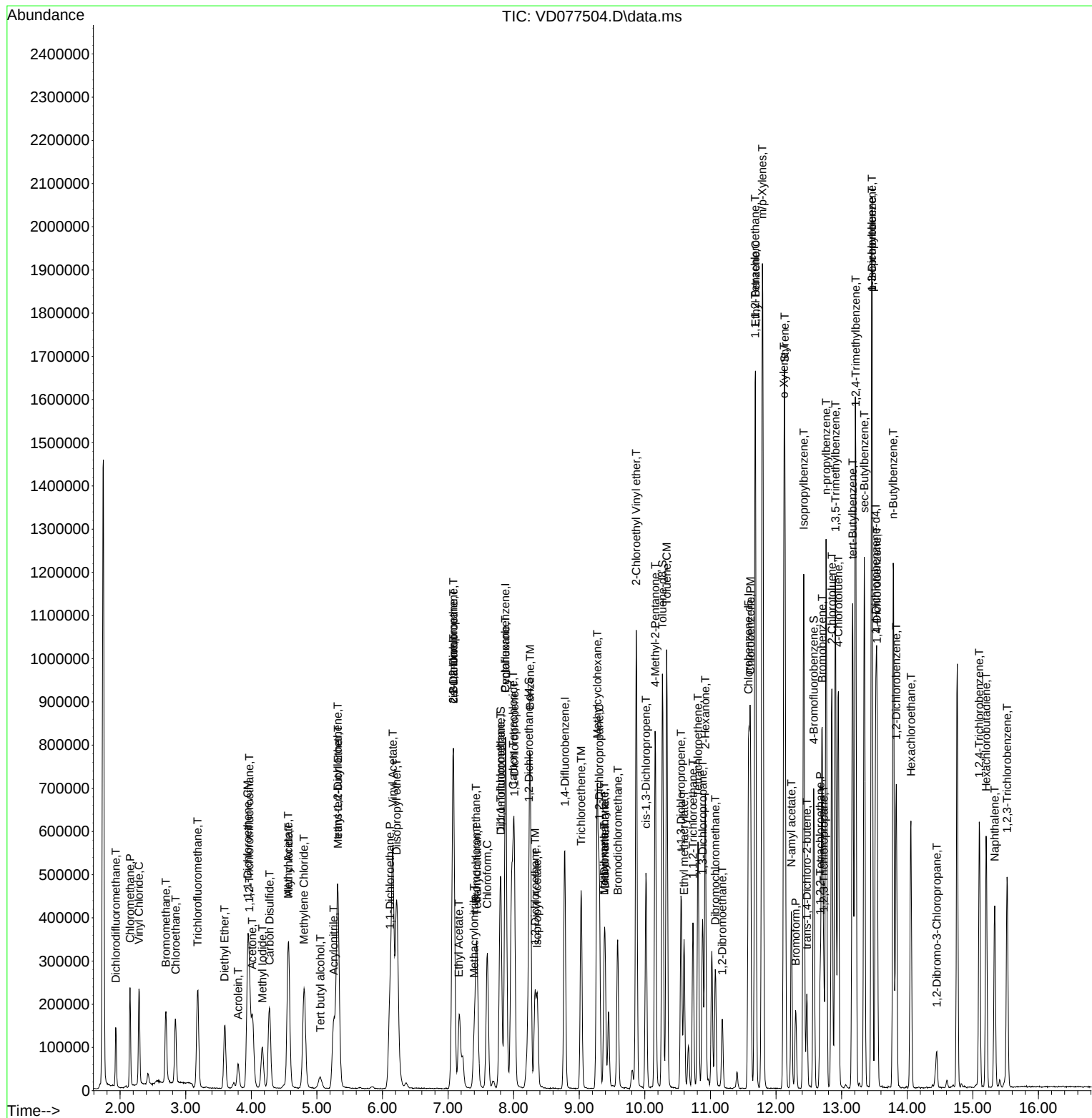
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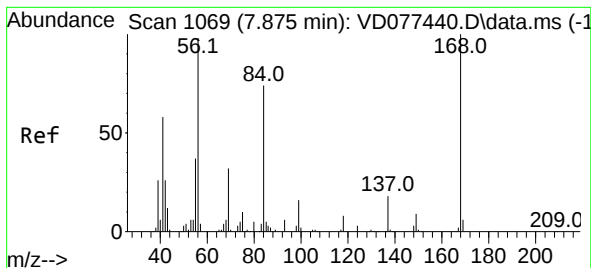
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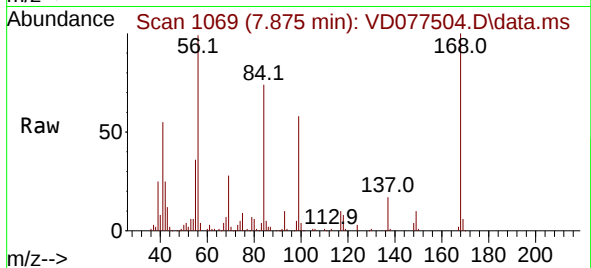
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077504.D
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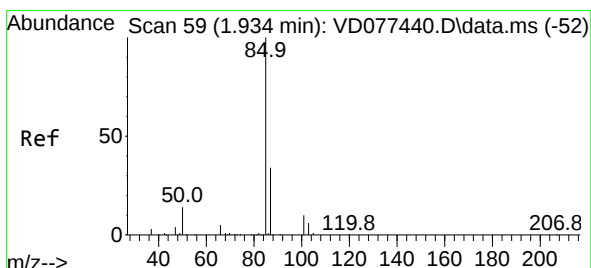
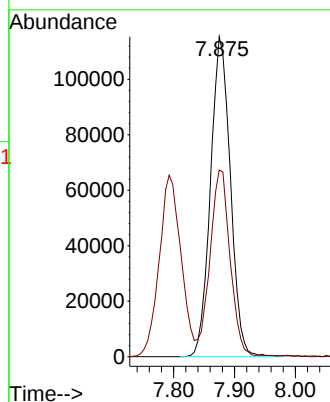
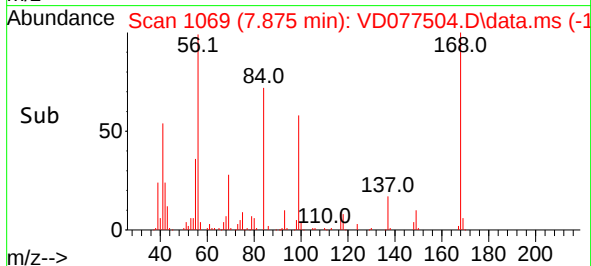
Instrument :
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Tgt Ion: 168 Resp: 26168
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1

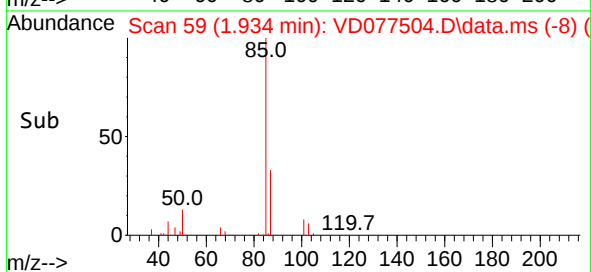
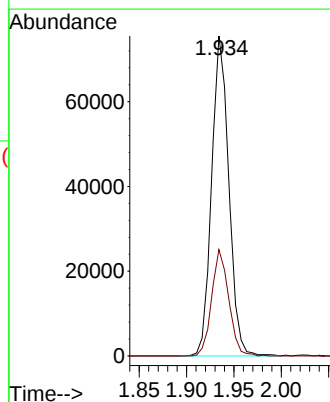
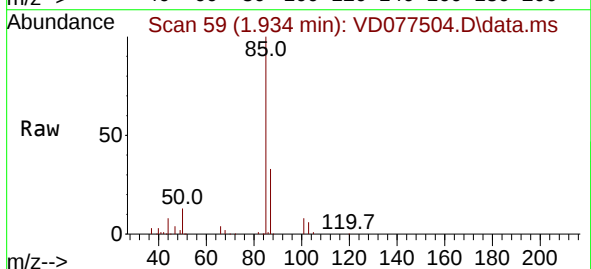
Manual Integrations
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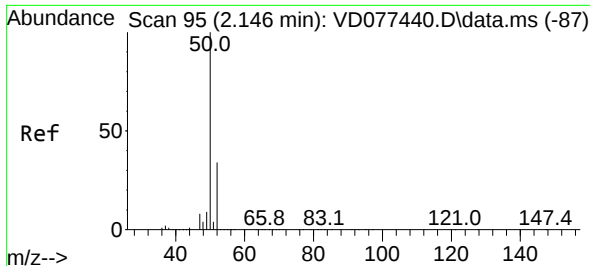
Reviewed By :John Carlone 11/07/2023
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#2
Dichlorodifluoromethane
Concen: 45.020 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

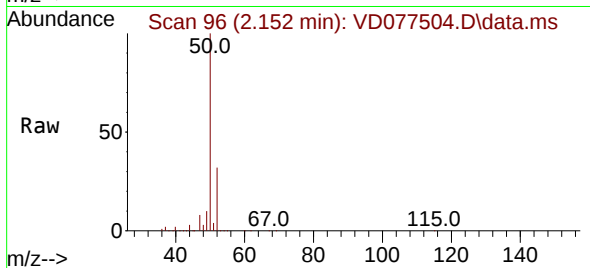
Tgt Ion: 85 Resp: 94994
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





#3
Chloromethane
Concen: 54.442 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

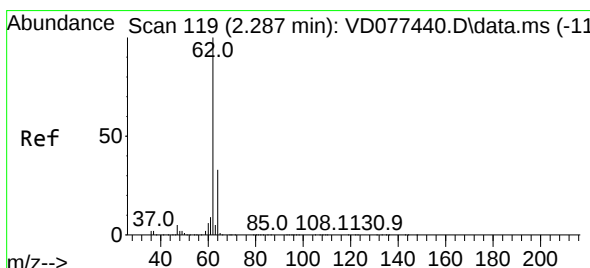
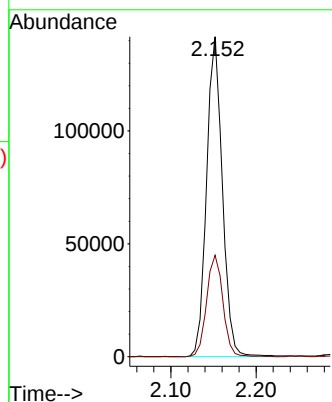
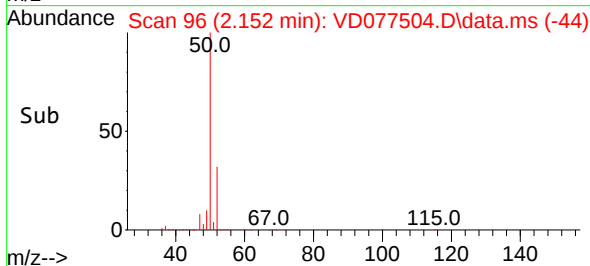
Instrument :
MSVOA_D
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Tgt Ion: 50 Resp: 182380
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0

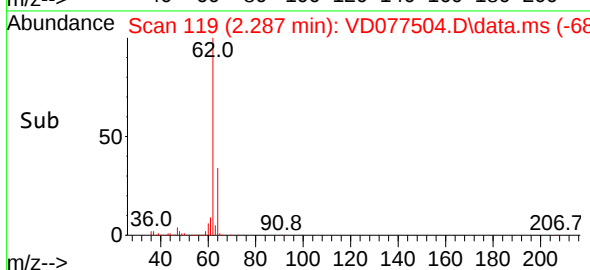
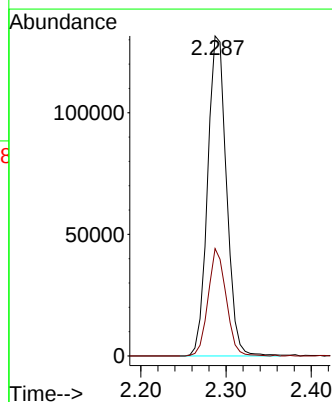
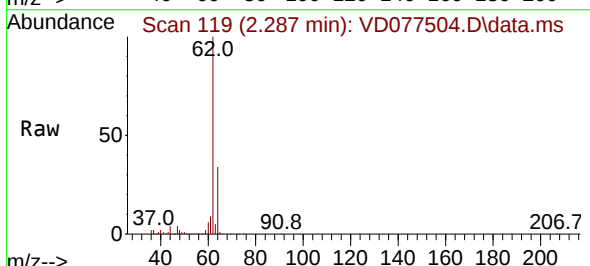
Manual Integrations
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#4
Vinyl Chloride
Concen: 61.905 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

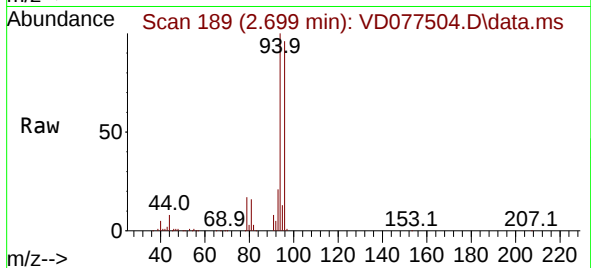
Tgt Ion: 62 Resp: 202227
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0





#5
Bromomethane
Concen: 67.401 ug/l
RT: 2.699 min Scan# 11537
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

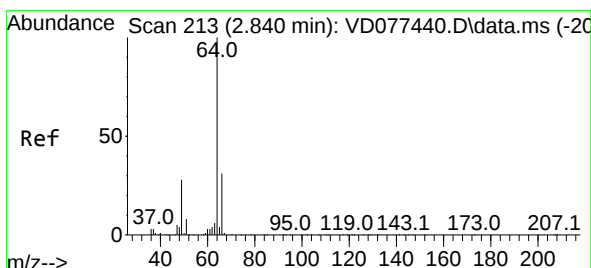
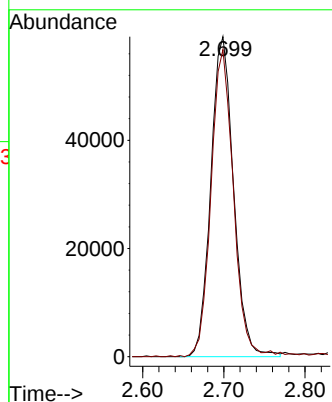
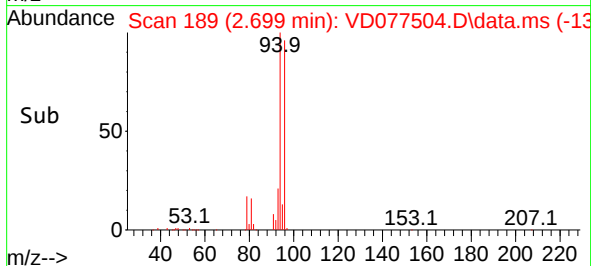
Instrument :
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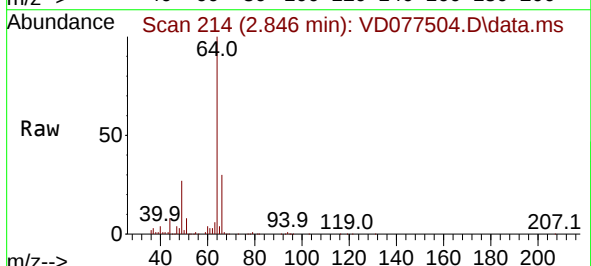
Tgt Ion: 94 Resp: 11537
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8

Manual Integrations
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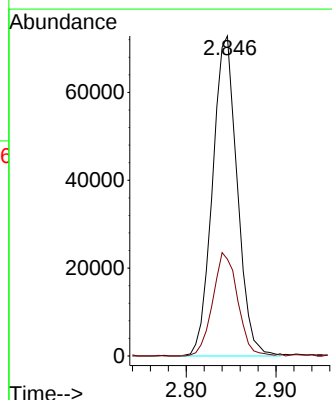
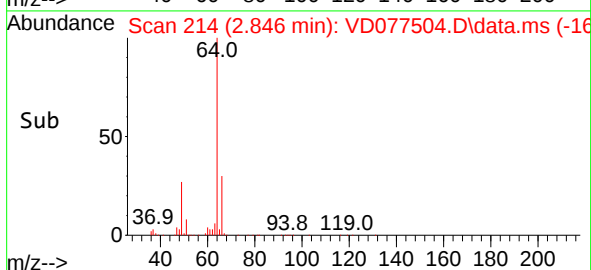
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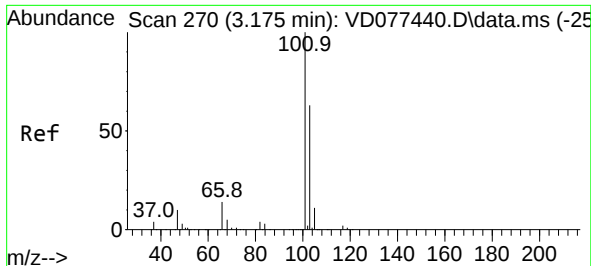


#6
Chloroethane
Concen: 63.304 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion: 64 Resp: 139231
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3





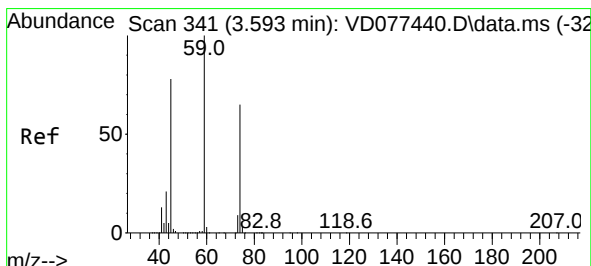
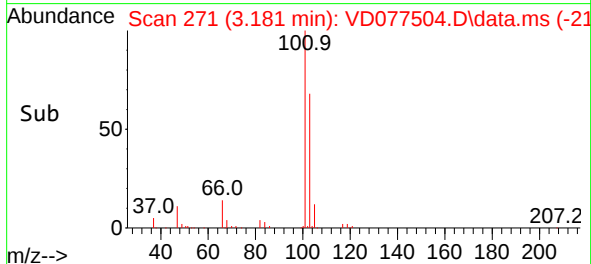
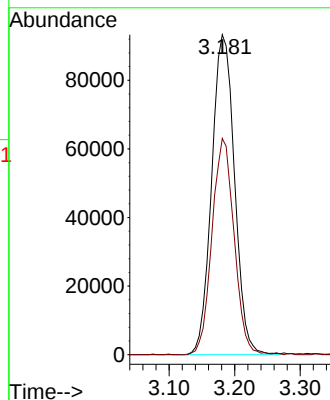
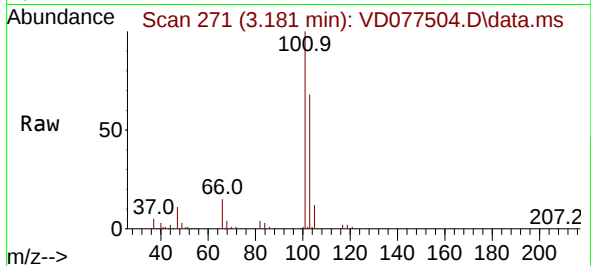
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 Trichlorofluoromethane
 Concen: 49.308 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 22557
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.3 78.5

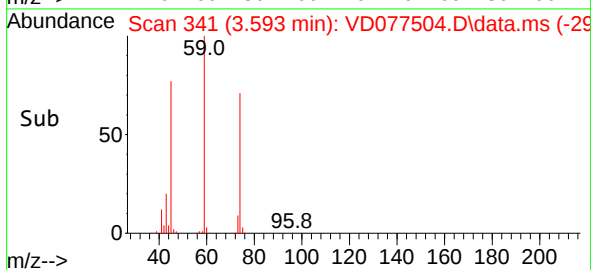
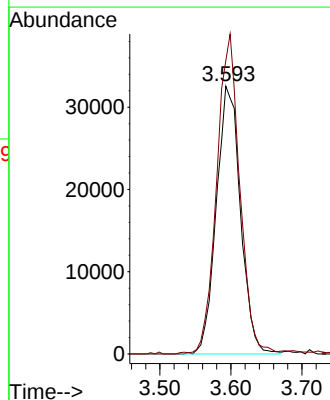
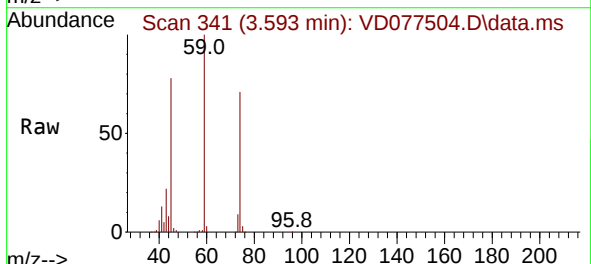
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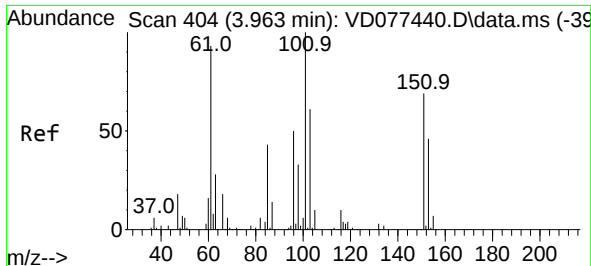
Reviewed By :John Carlone 11/07/2023
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#8
 Diethyl Ether
 Concen: 46.611 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion: 74 Resp: 76649
 Ion Ratio Lower Upper
 74 100
 45 114.6 37.5 112.7#





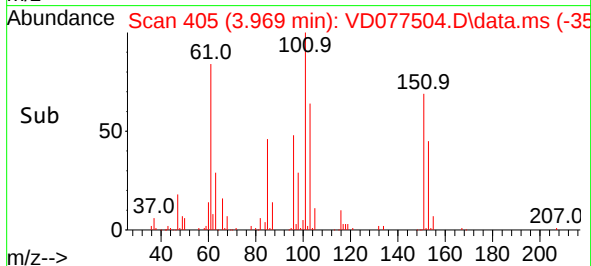
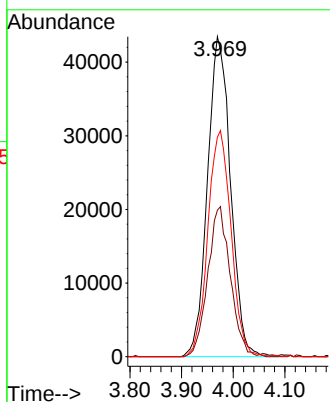
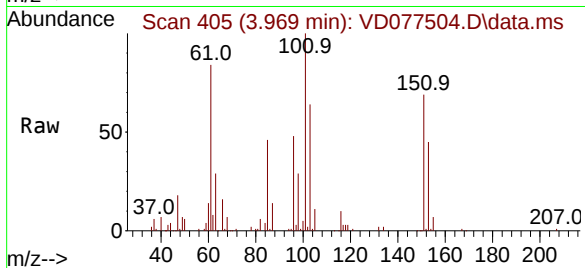
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.901 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 135052
Ion Ratio Lower Upper
101 100
85 45.8 33.8 50.6
151 70.9 59.8 89.6

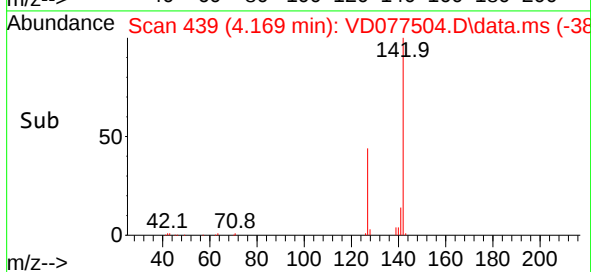
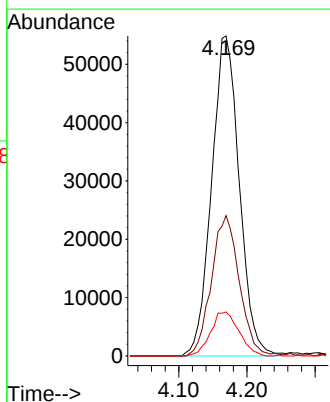
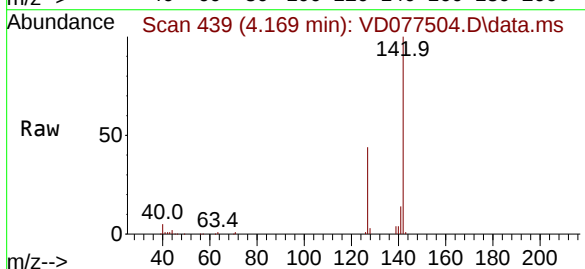
Manual Integrations
APPROVED

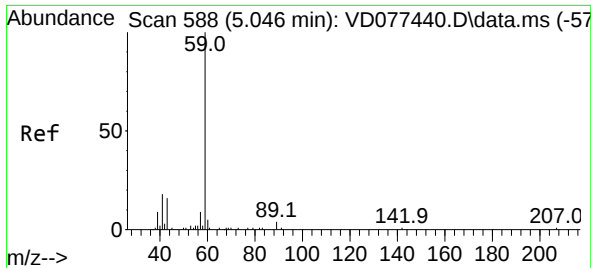
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 44.776 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

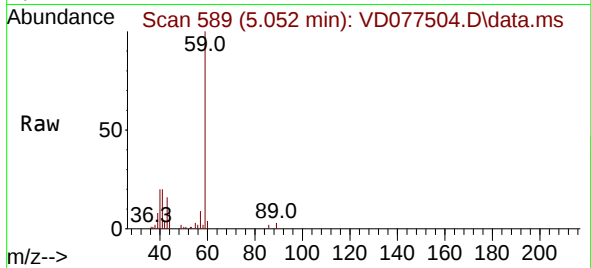
Tgt Ion:142 Resp: 154949
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 190.966 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

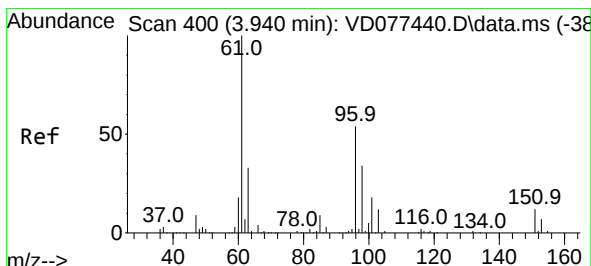
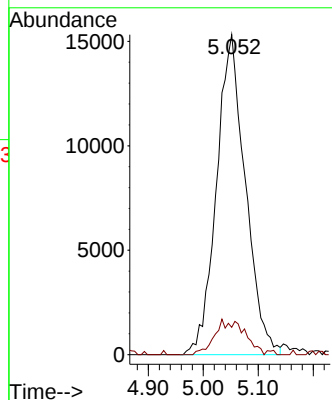
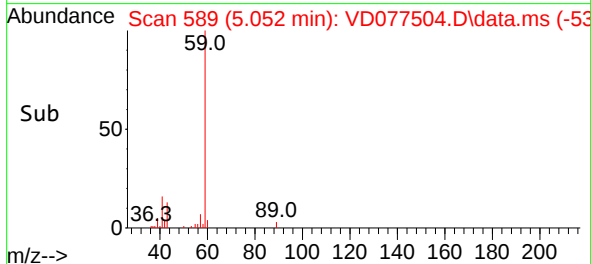
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



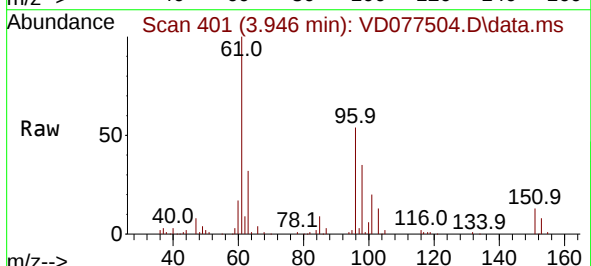
Tgt Ion: 59 Resp: 55970
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8

Manual Integrations
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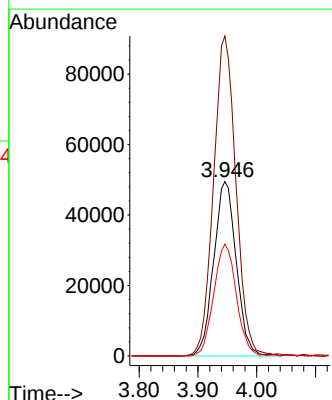
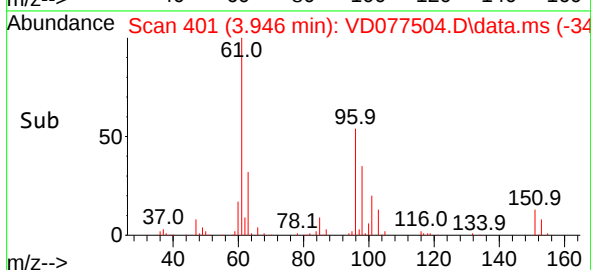
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#12
1,1-Dichloroethene
Concen: 50.548 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



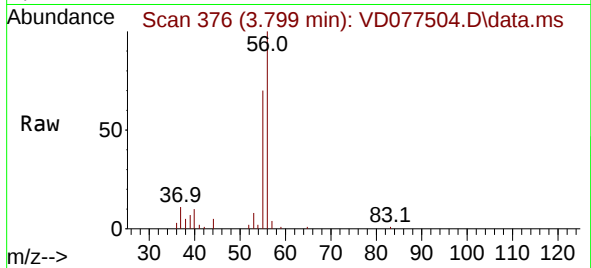
Tgt Ion: 96 Resp: 132163
Ion Ratio Lower Upper
96 100
61 183.5 100.6 150.8#
98 64.1 50.2 75.2





#13
Acrolein
Concen: 175.566 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

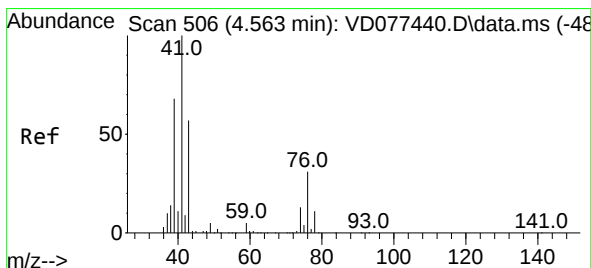
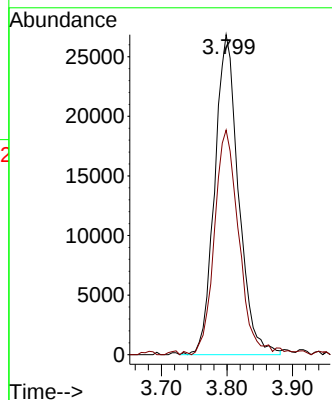
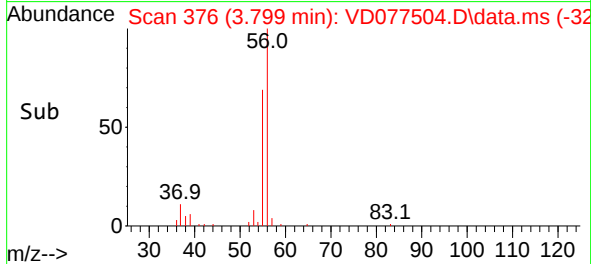
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6786
Ion Ratio Lower Upper
56 100
55 72.3 55.1 82.7

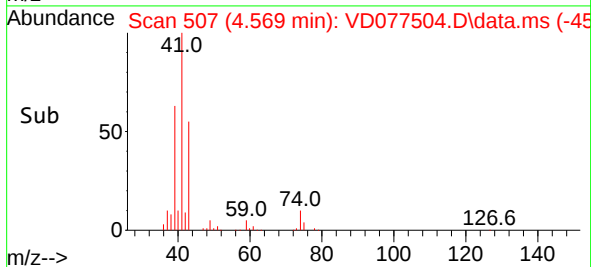
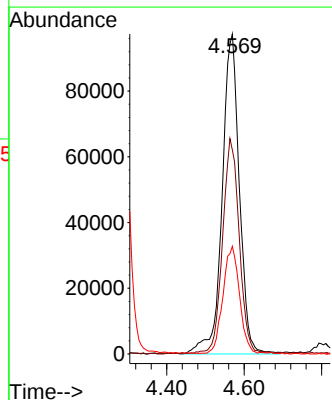
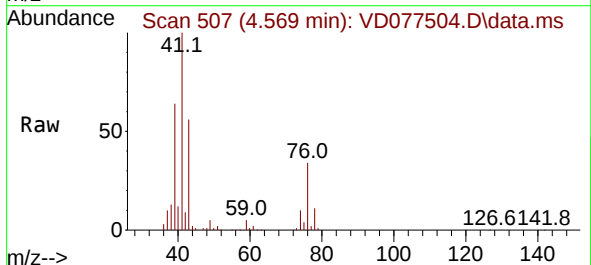
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#14
Allyl chloride
Concen: 47.727 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

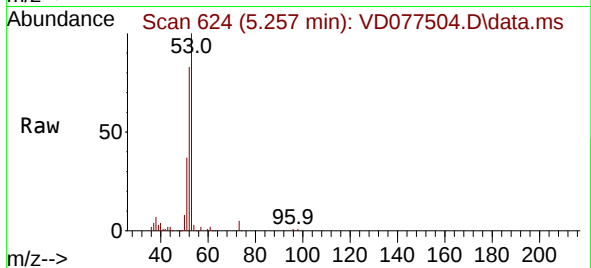
Tgt Ion: 41 Resp: 301037
Ion Ratio Lower Upper
41 100
39 65.4 53.8 80.6
76 31.9 45.8 68.8#





#15
Acrylonitrile
Concen: 227.152 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

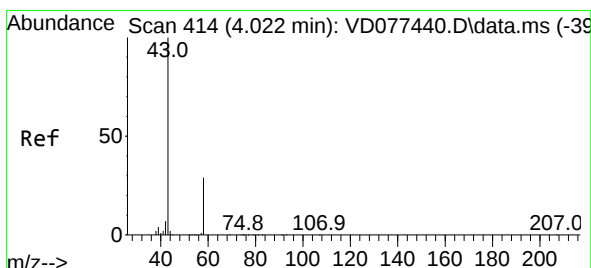
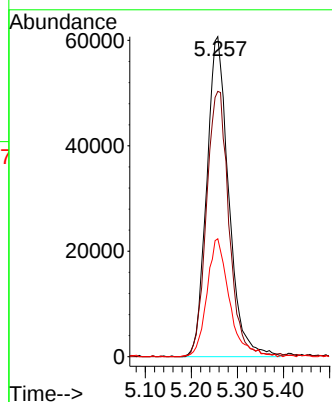
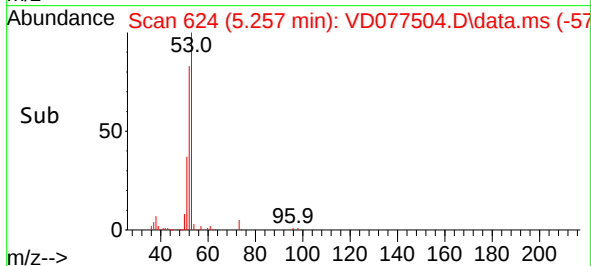
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 20192
Ion Ratio Lower Upper
53 100
52 84.5 65.0 97.4
51 37.6 28.3 42.5

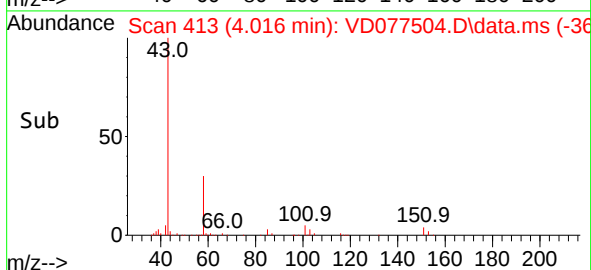
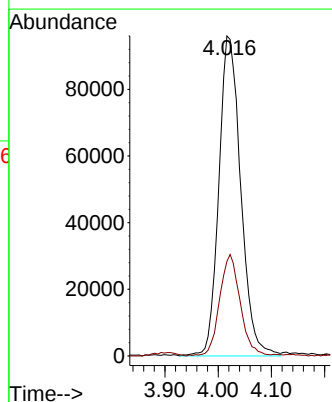
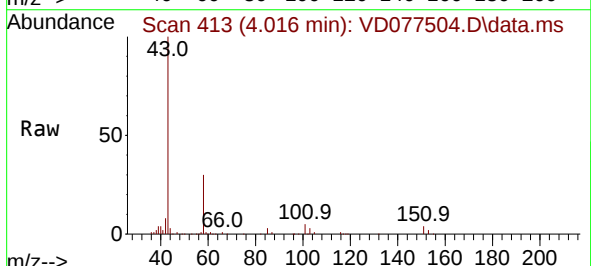
Manual Integrations
APPROVED

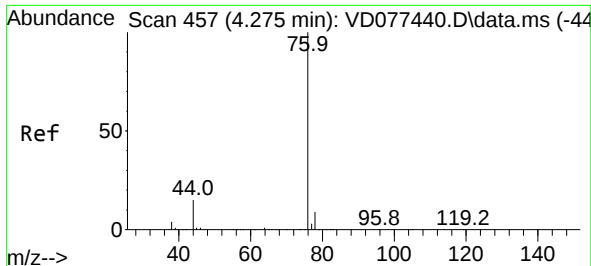
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 279.946 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 43 Resp: 274113
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#





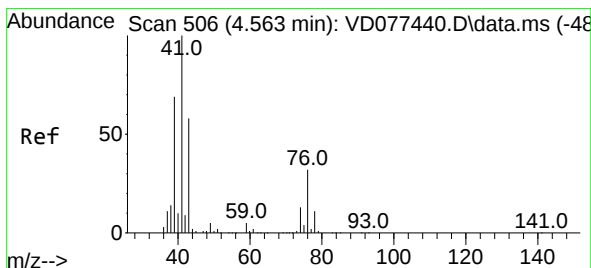
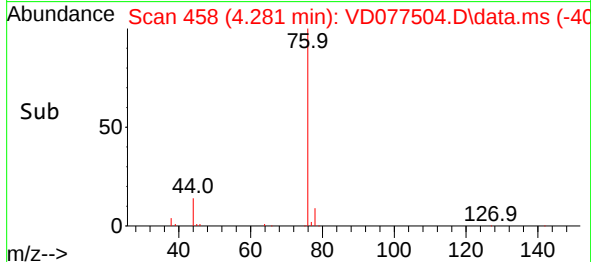
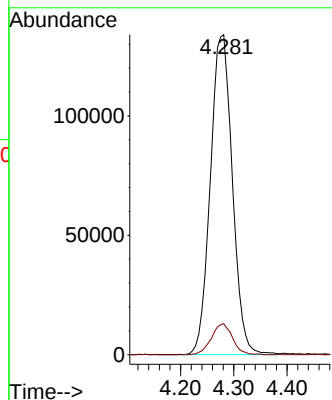
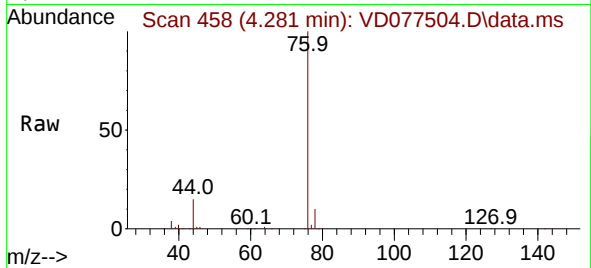
#17
Carbon Disulfide
Concen: 47.876 ug/l
RT: 4.281 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 38472
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

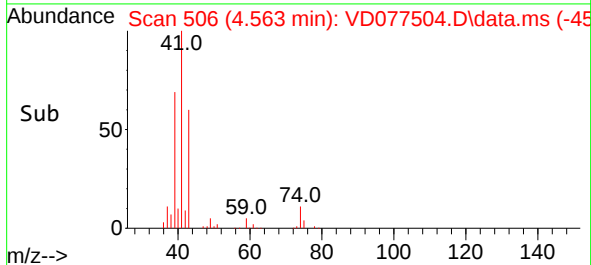
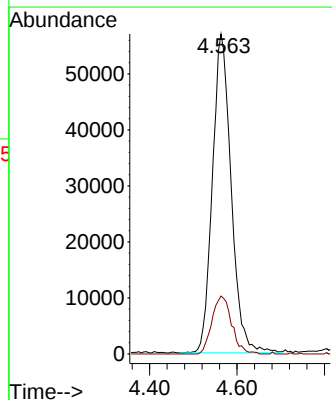
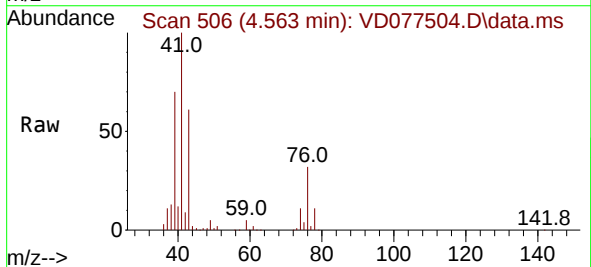
Manual Integrations
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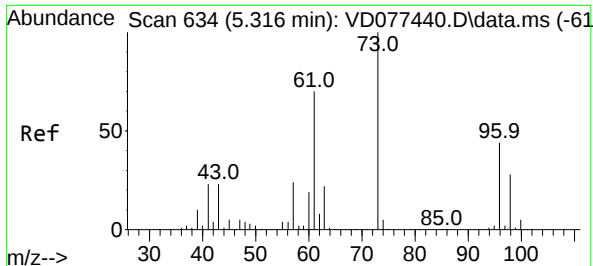
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#18
Methyl Acetate
Concen: 47.445 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 43 Resp: 169456
Ion Ratio Lower Upper
43 100
74 19.1 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 45.672 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 37483

Ion Ratio Lower Upper

73 100

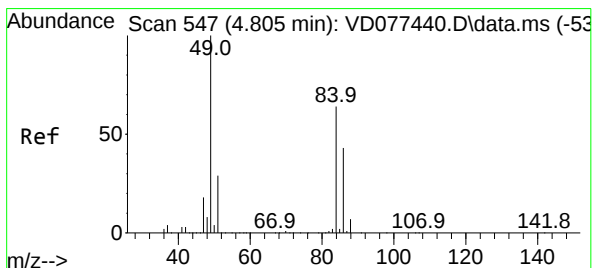
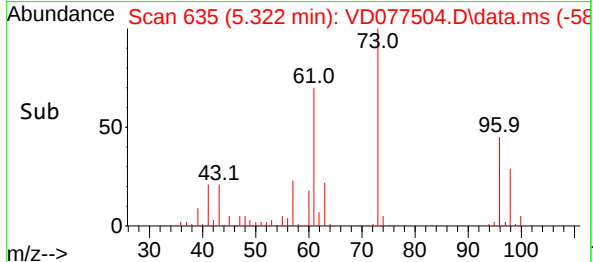
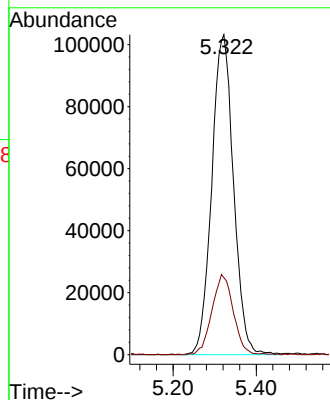
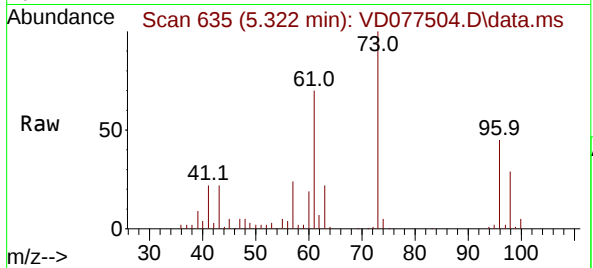
57 24.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#20

Methylene Chloride

Concen: 44.491 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion: 84 Resp: 164752

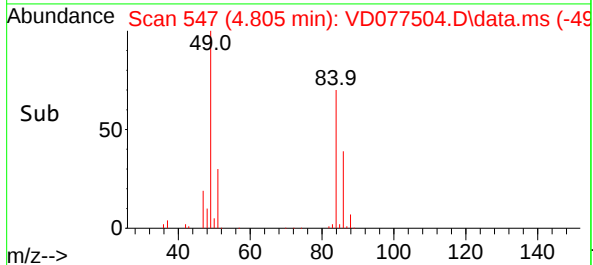
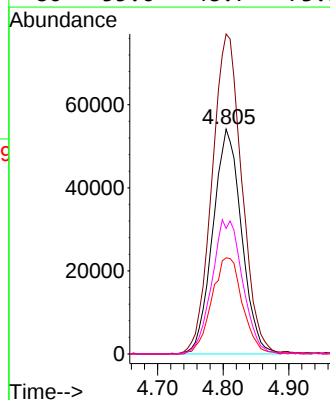
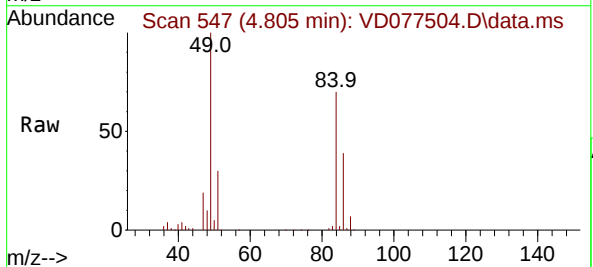
Ion Ratio Lower Upper

84 100

49 141.9 71.4 107.2#

51 42.7 24.5 36.7#

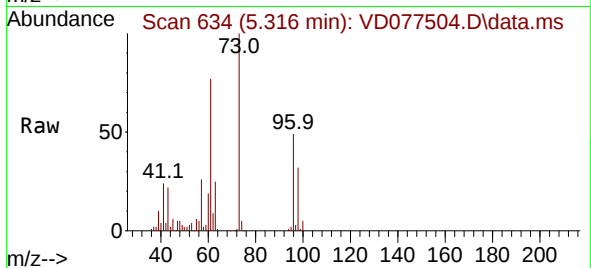
86 55.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.170 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

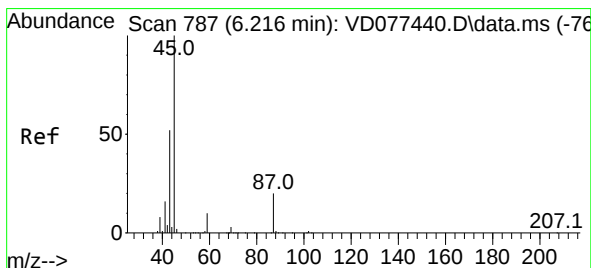
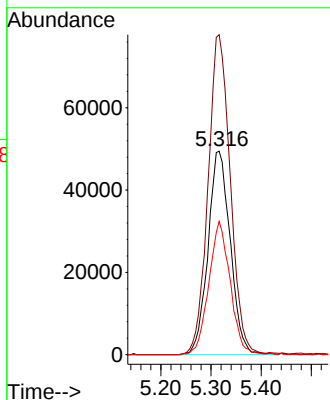
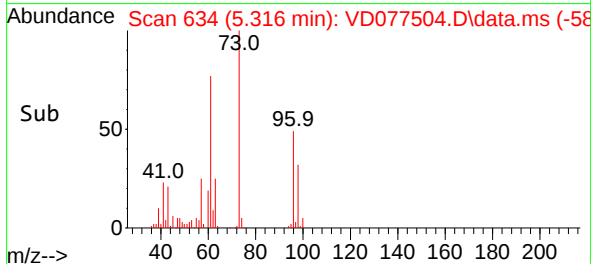
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



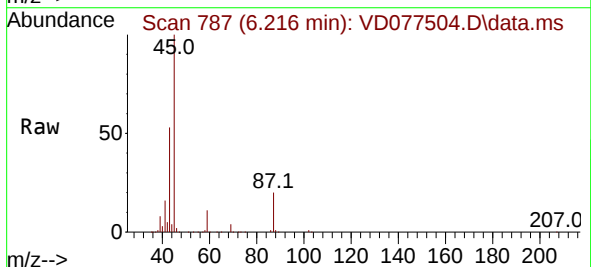
Tgt Ion: 96 Resp: 152770
Ion Ratio Lower Upper
96 100
61 157.2 89.3 133.9#
98 65.5 48.6 73.0

Manual Integrations
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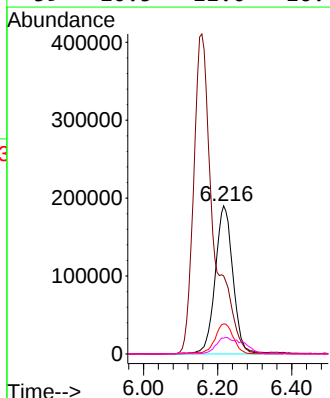
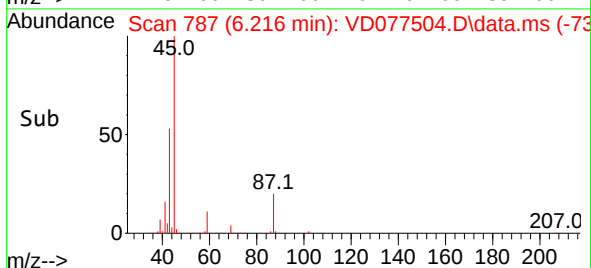
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

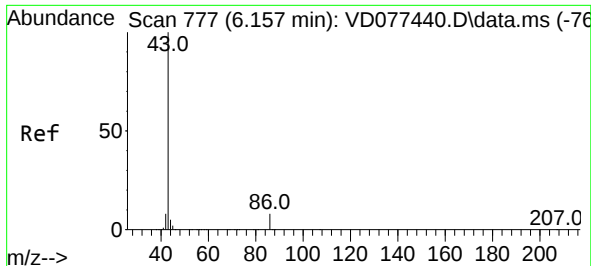


#22
Diisopropyl ether
Concen: 46.903 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



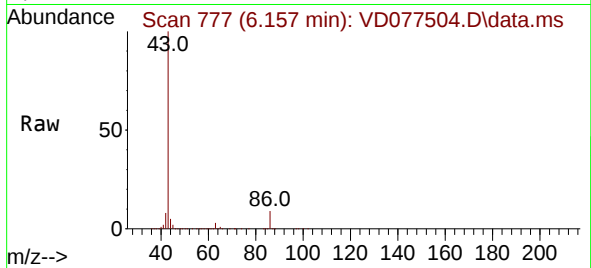
Tgt Ion: 45 Resp: 628758
Ion Ratio Lower Upper
45 100
43 52.1 40.0 60.0
87 20.2 28.2 42.4#
59 10.5 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 221.928 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

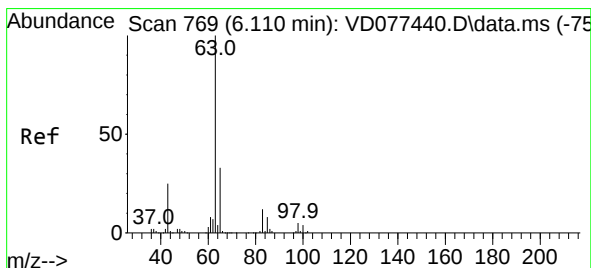
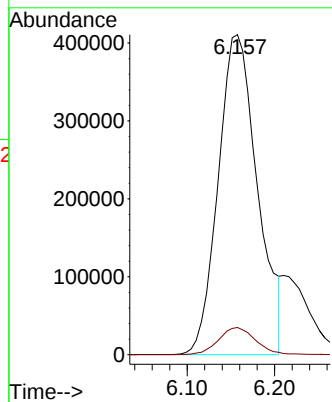
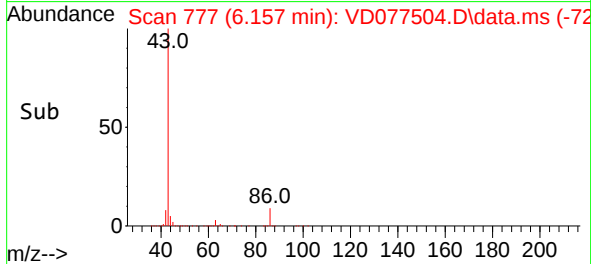
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



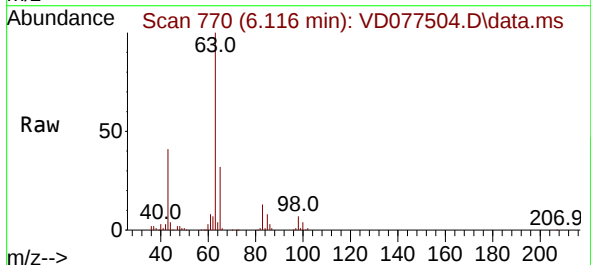
Tgt Ion: 43 Resp: 1283490
 Ion Ratio Lower Upper
 43 100
 86 8.5 12.5 18.7

Manual Integrations
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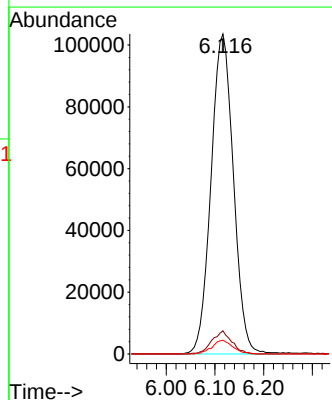
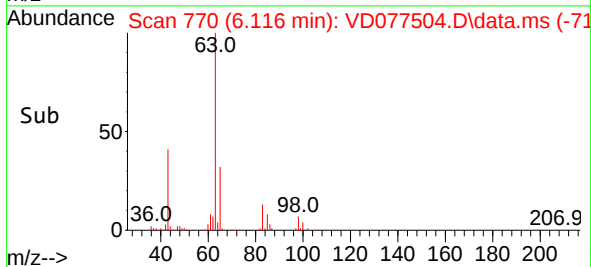
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 47.529 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46



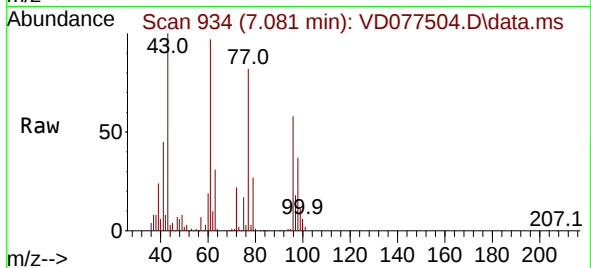
Tgt Ion: 63 Resp: 330607
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.3 2.5 7.5





#25
2-Butanone
Concen: 230.491 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

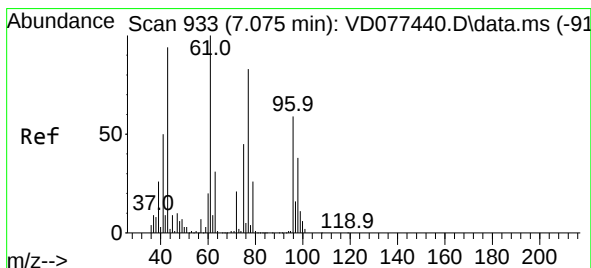
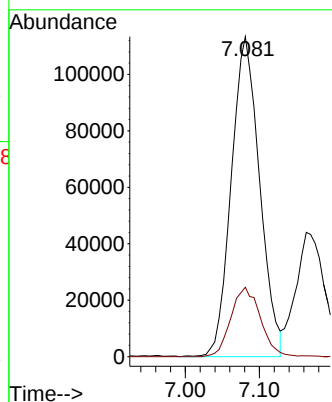
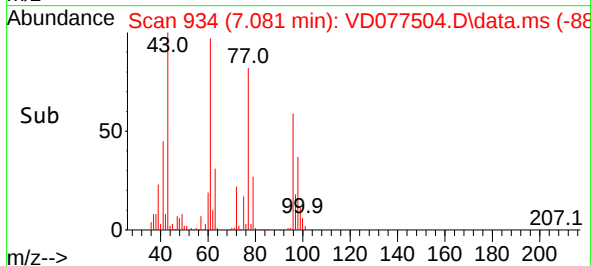
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



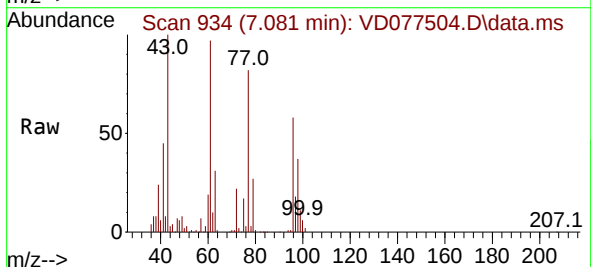
Tgt Ion: 43 Resp: 301034
Ion Ratio Lower Upper
43 100
72 21.7 30.7 46.1

Manual Integrations
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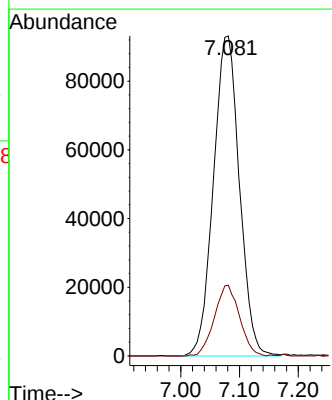
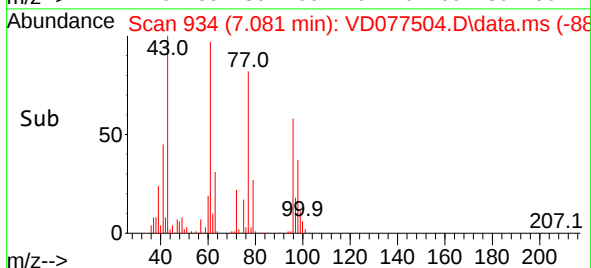
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

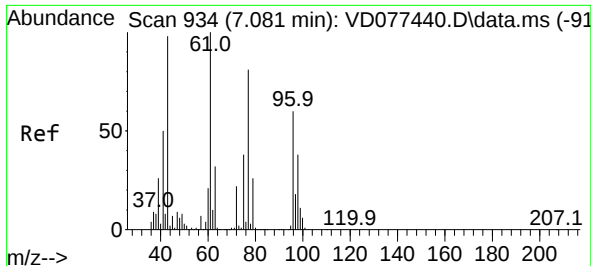


#26
2,2-Dichloropropane
Concen: 46.388 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



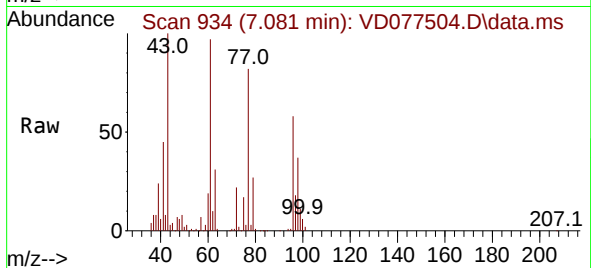
Tgt Ion: 77 Resp: 285953
Ion Ratio Lower Upper
77 100
97 21.3 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.289 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

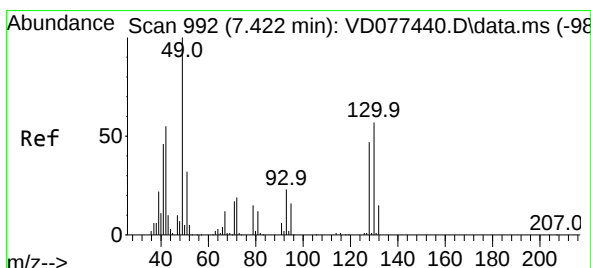
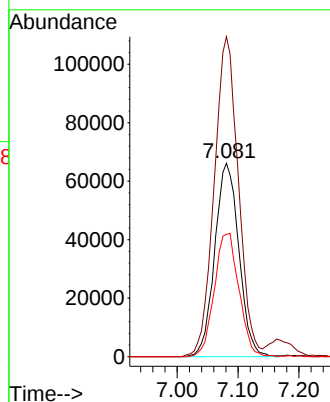
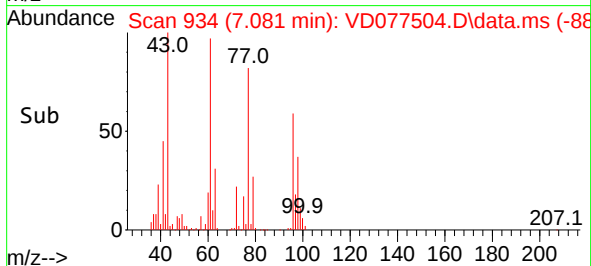
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 182169
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 239.2
 98 64.9 0.0 128.6

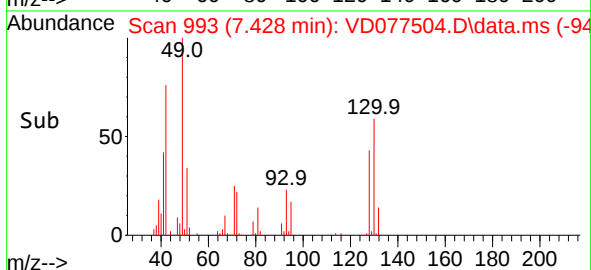
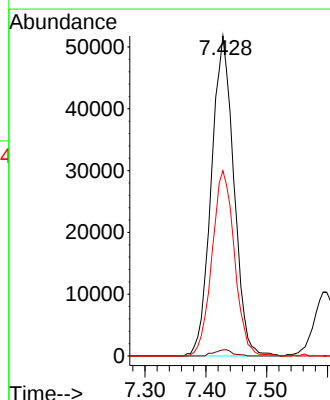
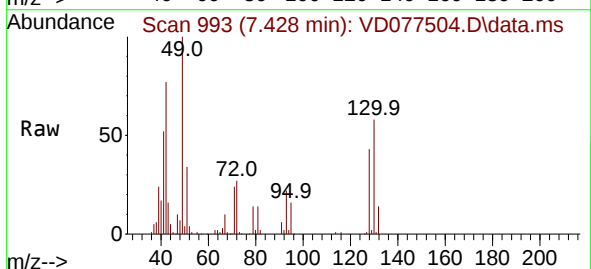
Manual Integrations
 APPROVED

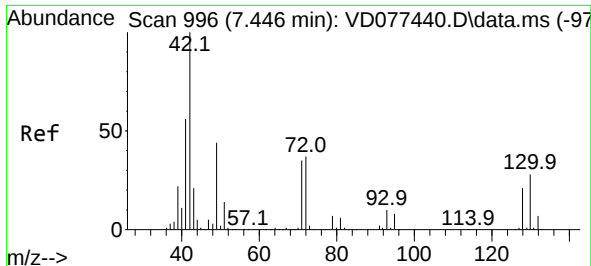
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#28
 Bromochloromethane
 Concen: 42.489 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion: 49 Resp: 132949
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 57.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 218.281 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 169082

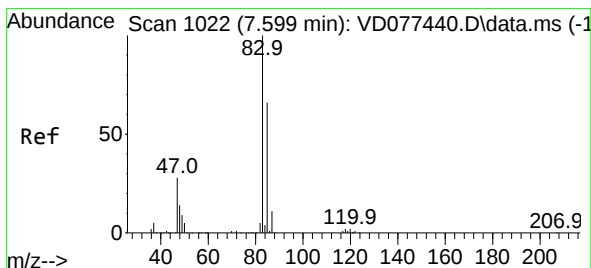
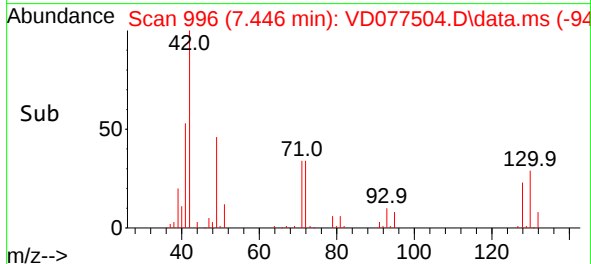
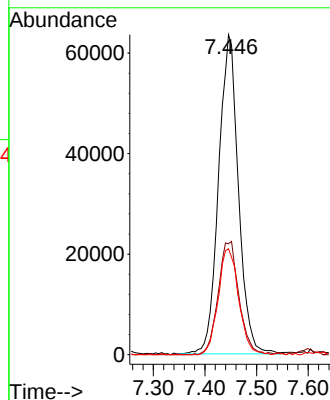
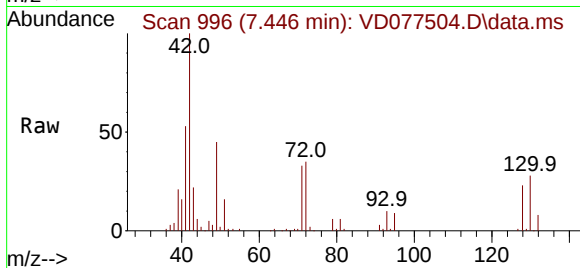
Ion	Ratio	Lower	Upper
42	100		
72	37.5	46.5	69.7
71	34.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 47.306 ug/l

RT: 7.598 min Scan# 1022

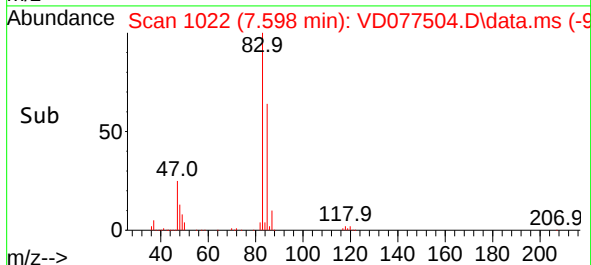
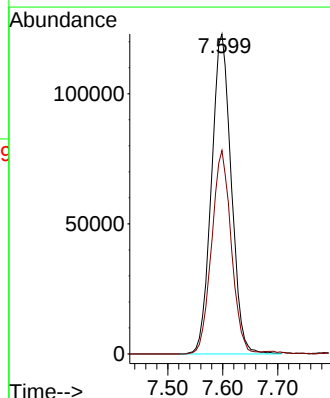
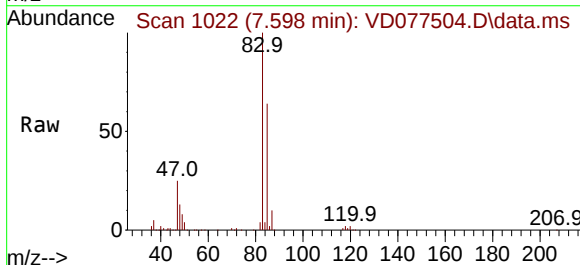
Delta R.T. -0.000 min

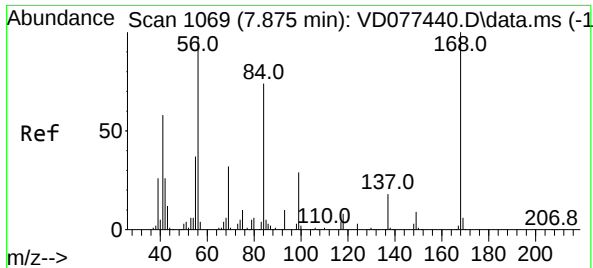
Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion: 83 Resp: 307238

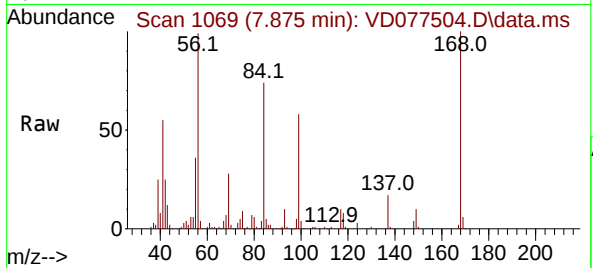
Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.4	80.2





#31
Cyclohexane
Concen: 49.527 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

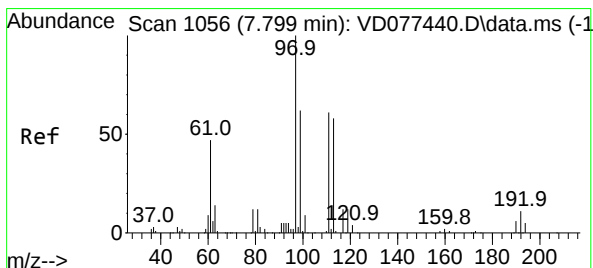
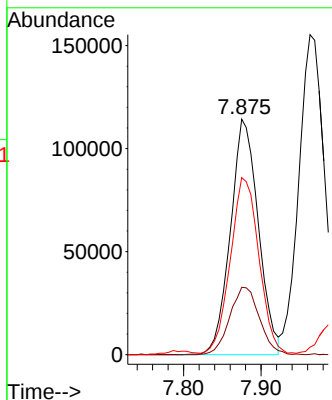
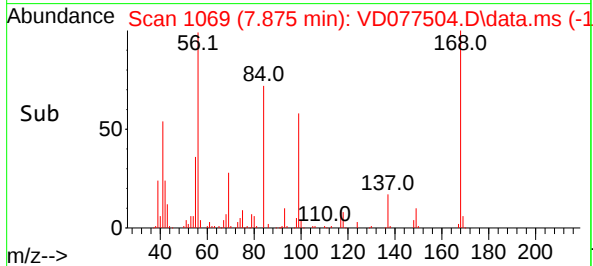
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



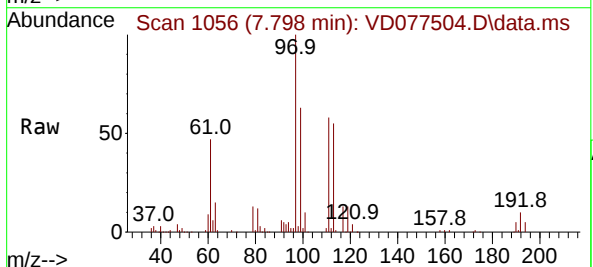
Tgt Ion: 56 Resp: 286490
Ion Ratio Lower Upper
56 100
69 28.6 28.6 43.0
84 73.9 84.8 127.2

Manual Integrations
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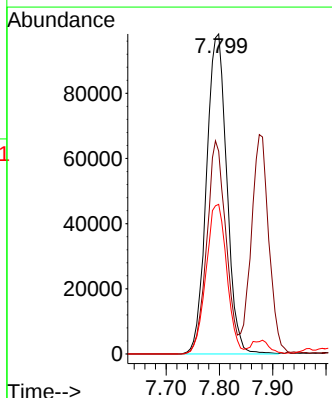
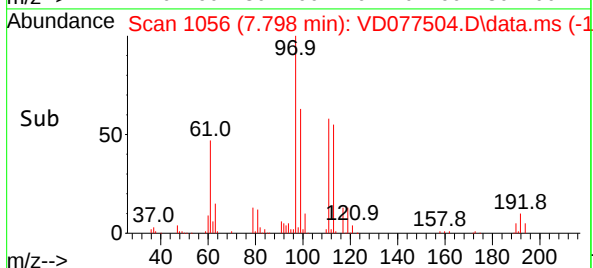
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

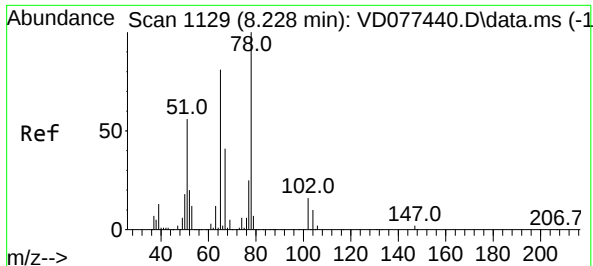


#32
1,1,1-Trichloroethane
Concen: 48.656 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion: 97 Resp: 260366
Ion Ratio Lower Upper
97 100
99 62.4 52.0 78.0
61 47.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.488 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17202

Ion Ratio Lower Upper

65 100

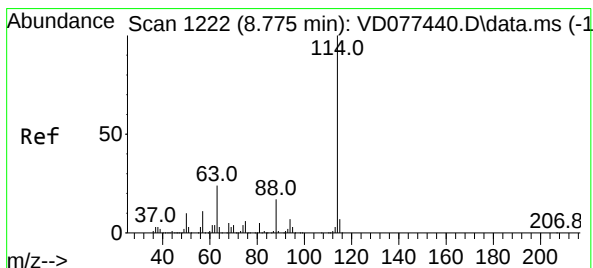
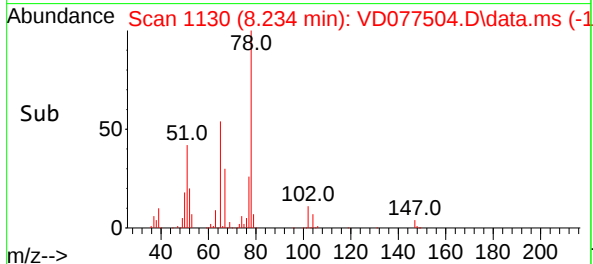
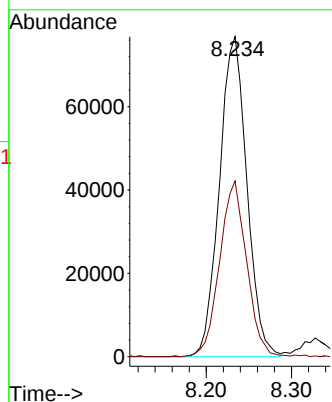
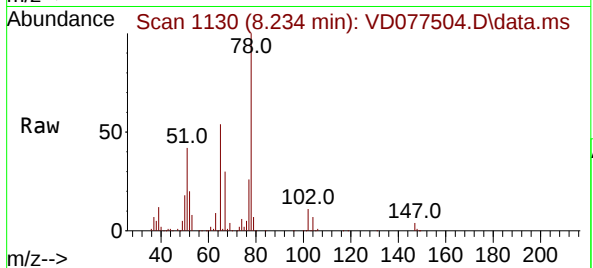
67 54.0 0.0 115.0

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

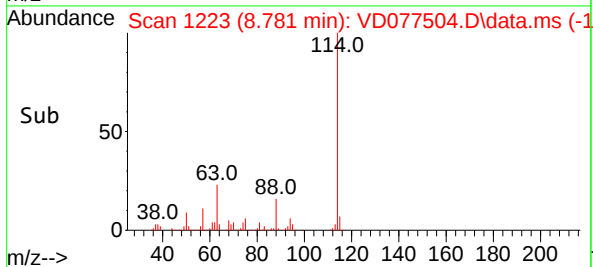
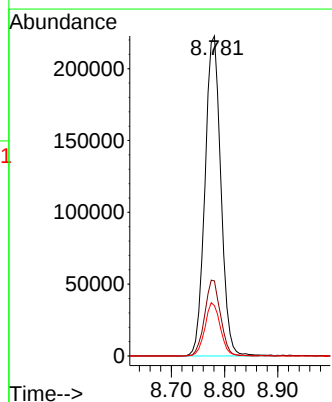
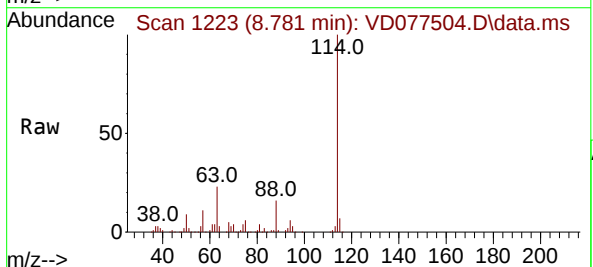
Tgt Ion:114 Resp: 460934

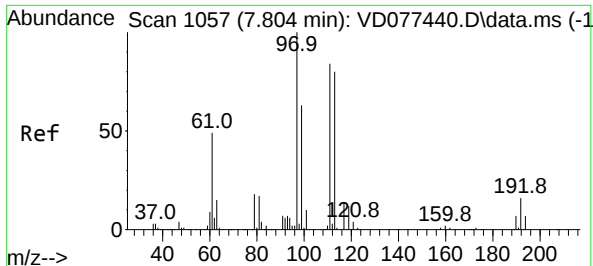
Ion Ratio Lower Upper

114 100

63 23.5 0.0 33.4

88 15.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 15604

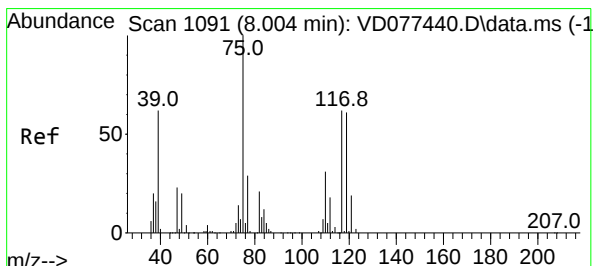
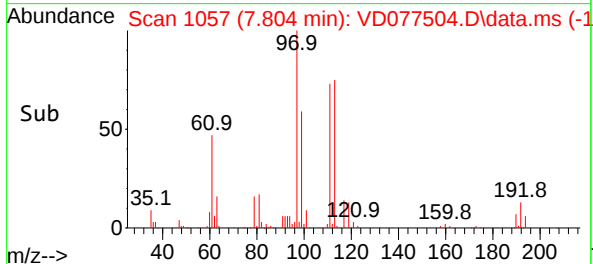
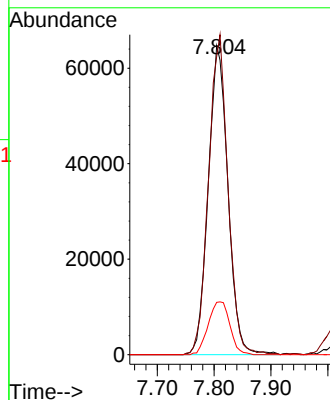
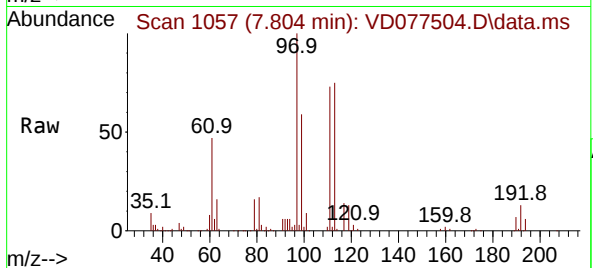
Ion	Ratio	Lower	Upper
113	100		
111	101.8	84.7	127.1
192	18.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#36

1,1-Dichloropropene

Concen: 50.739 ug/l

RT: 8.010 min Scan# 1092

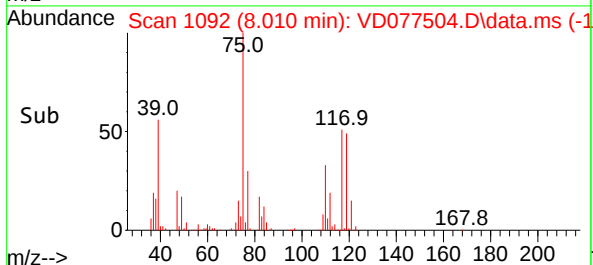
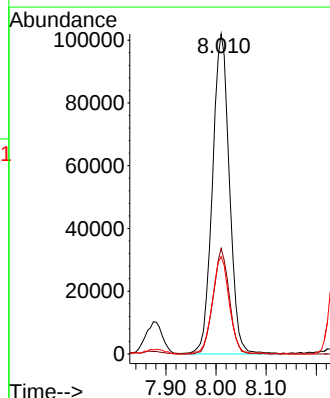
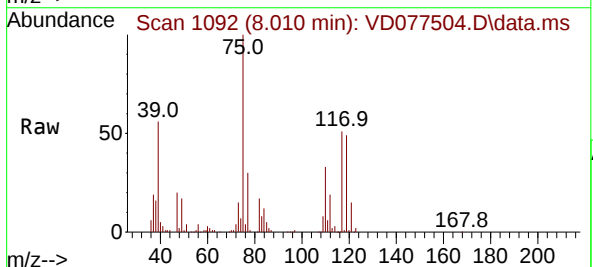
Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion: 75 Resp: 239664

Ion	Ratio	Lower	Upper
75	100		
110	31.3	19.9	59.6
77	30.4	24.7	37.1





#37

Ethyl Acetate

Concen: 45.048 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077504.D

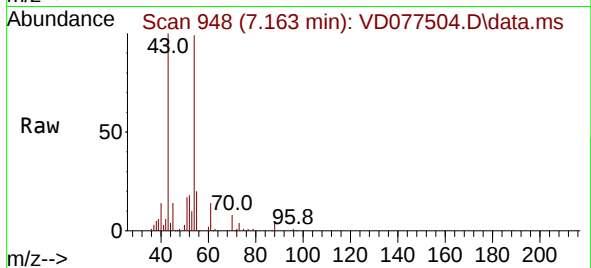
Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 122114

Ion Ratio Lower Upper

43 100

61 13.8 14.9 22.3

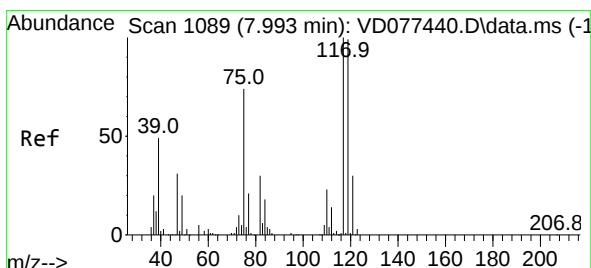
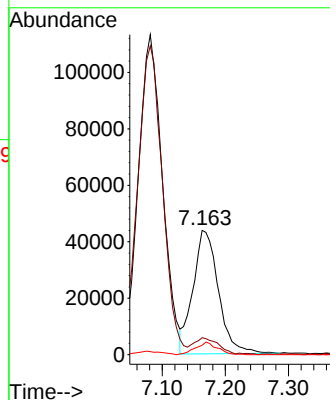
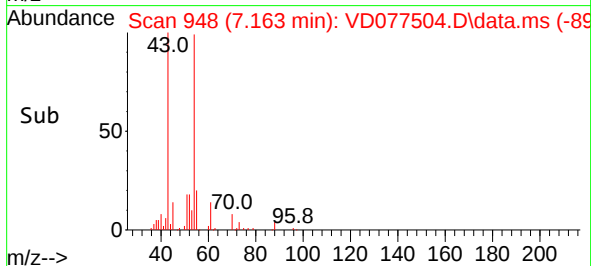
70 8.7 10.0 15.0

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#38

Carbon Tetrachloride

Concen: 49.831 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

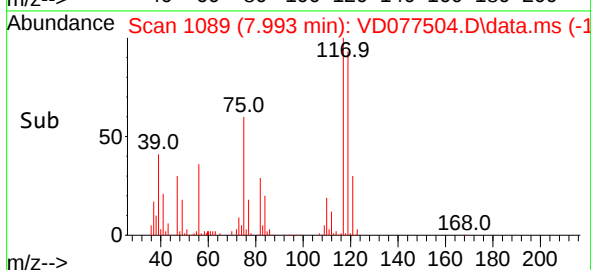
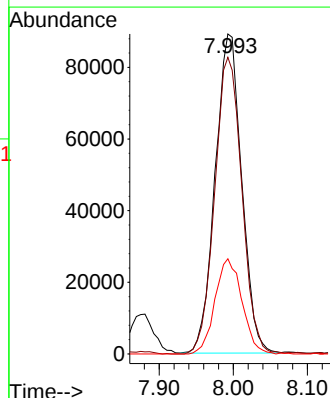
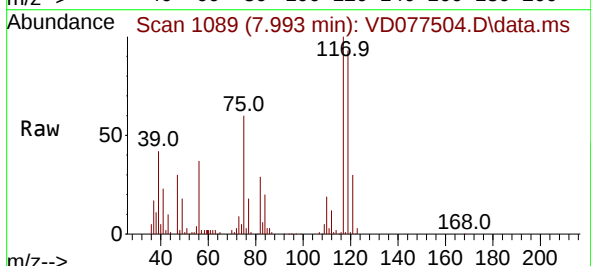
Tgt Ion:117 Resp: 221801

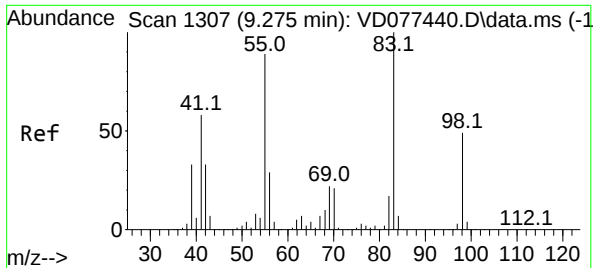
Ion Ratio Lower Upper

117 100

119 93.0 78.0 117.0

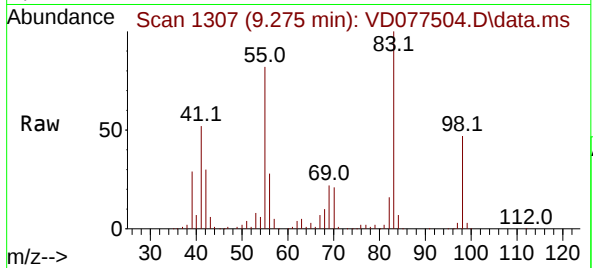
121 29.8 24.2 36.2





#39
Methylcyclohexane
Concen: 51.443 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

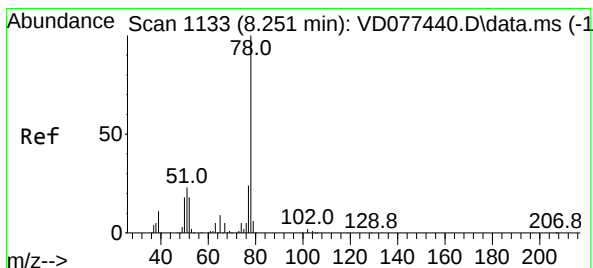
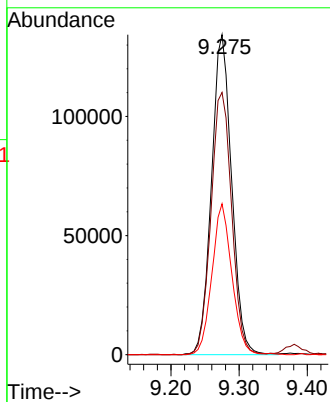
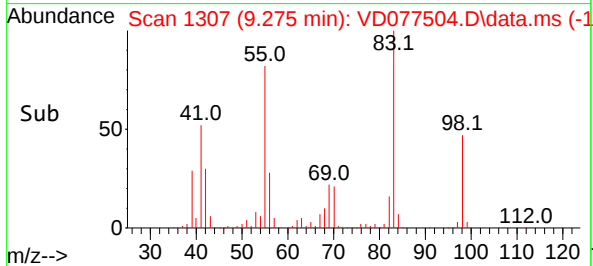
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



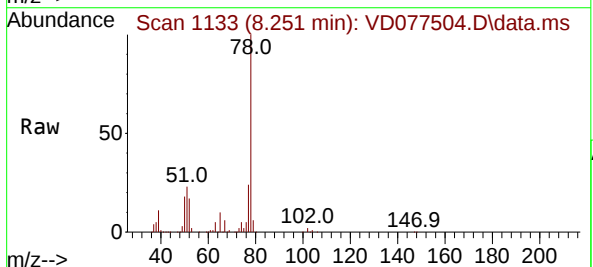
Tgt Ion: 83 Resp: 27724
Ion Ratio Lower Upper
83 100
55 81.9 49.4 74.0
98 47.1 38.4 57.6

Manual Integrations
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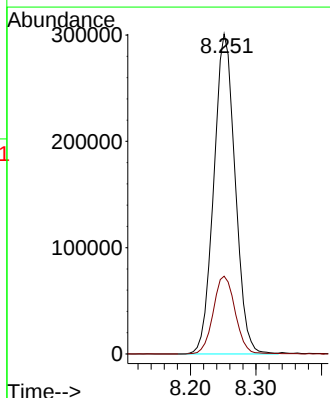
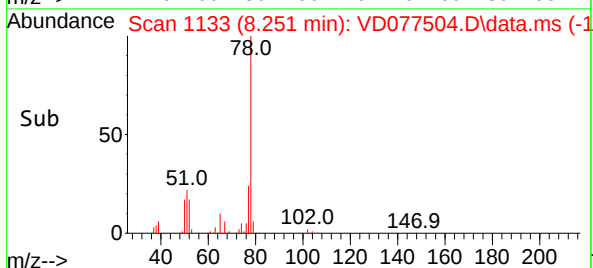
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

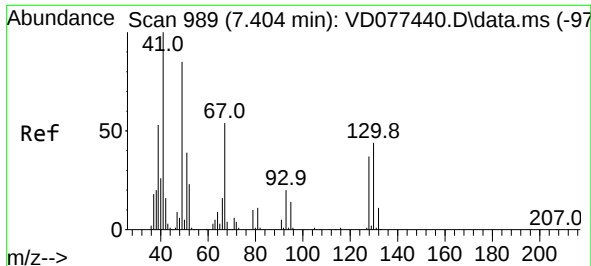


#40
Benzene
Concen: 50.403 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion: 78 Resp: 678884
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





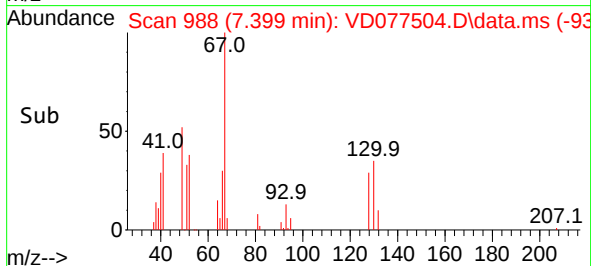
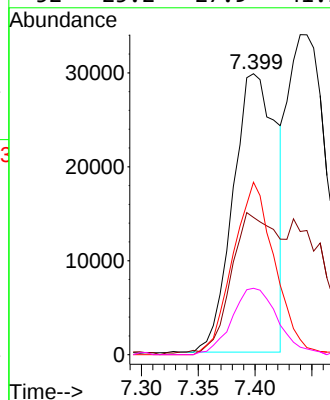
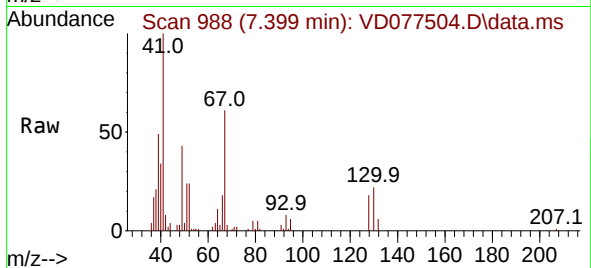
#41
Methacrylonitrile
Concen: 45.370 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 7869
Ion Ratio Lower Upper
41 100
39 58.9 34.0 51.0
67 60.1 77.0 115.4
52 25.2 27.9 41.9

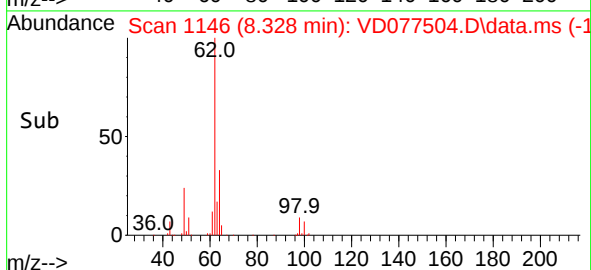
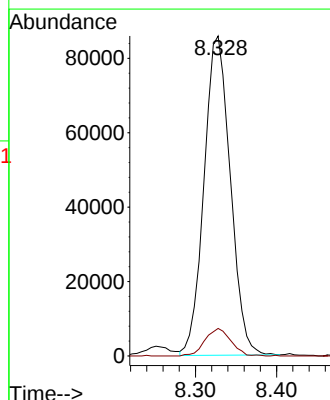
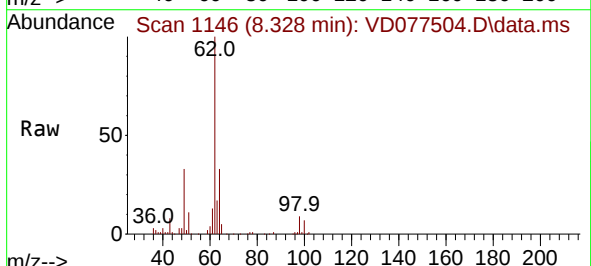
Manual Integrations
APPROVED

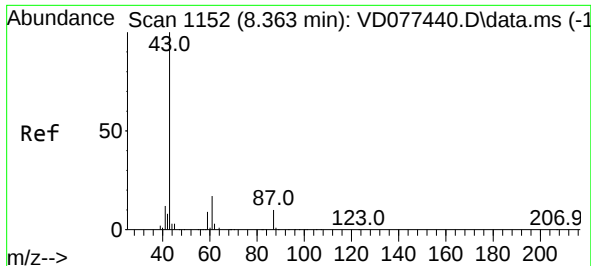
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 45.239 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

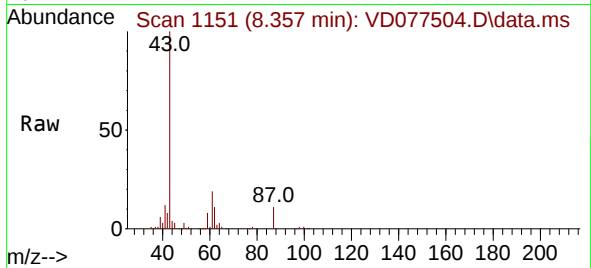
Tgt Ion: 62 Resp: 192990
Ion Ratio Lower Upper
62 100
98 8.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 43.013 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

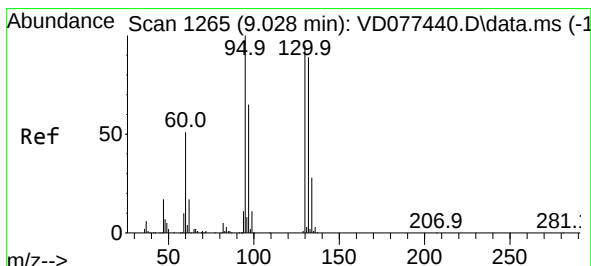
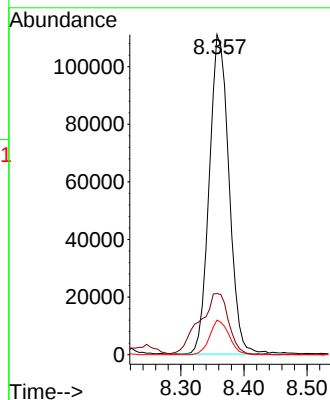
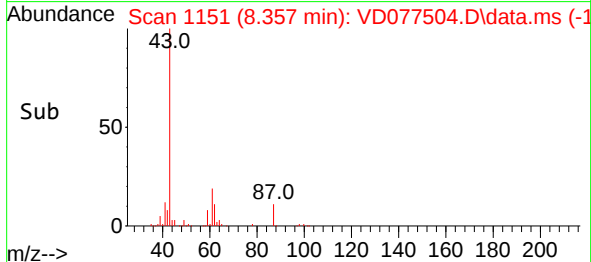
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



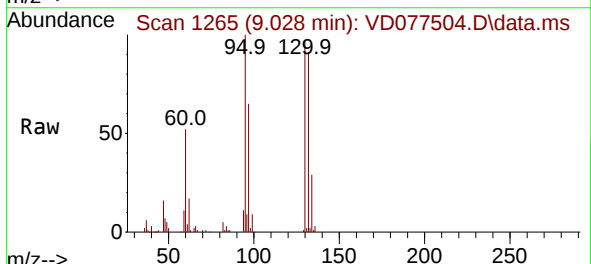
Tgt Ion: 43 Resp: 24061
Ion Ratio Lower Upper
43 100
61 28.5 31.4 47.0
87 10.6 14.9 22.3

Manual Integrations
APPROVED

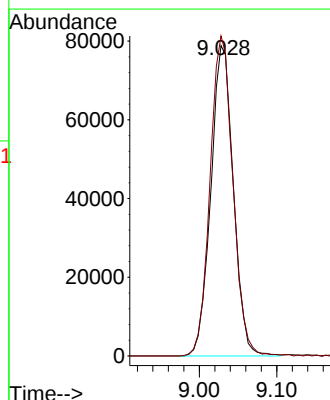
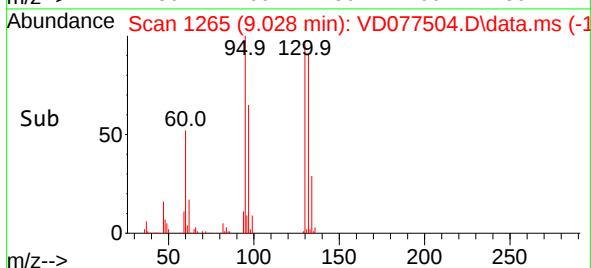
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#44
Trichloroethene
Concen: 48.434 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion:130 Resp: 159796
Ion Ratio Lower Upper
130 100
95 103.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.728 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 193225

Ion Ratio Lower Upper

63 100

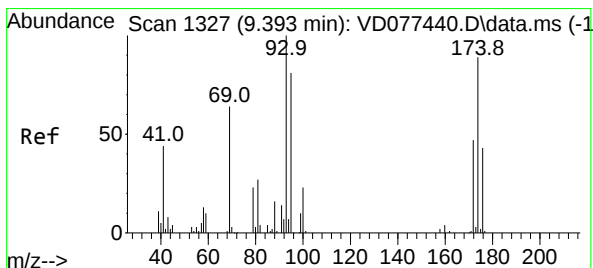
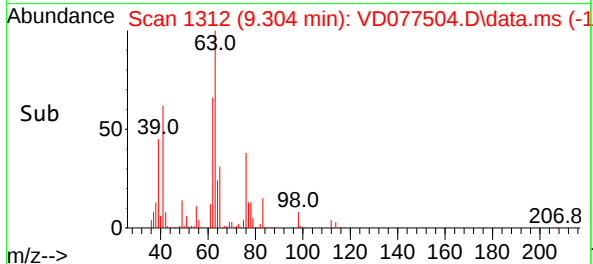
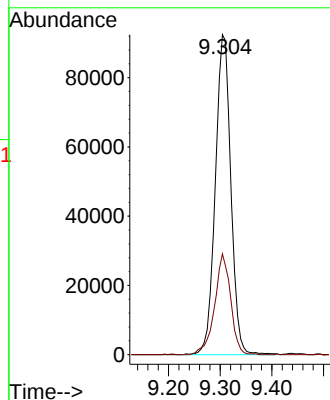
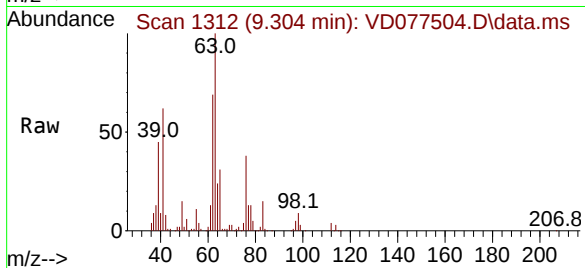
65 31.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#46

Dibromomethane

Concen: 44.894 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

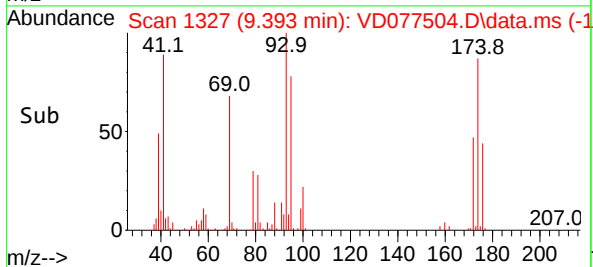
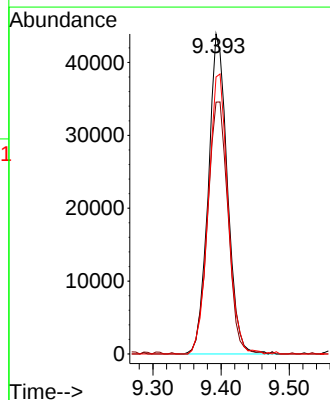
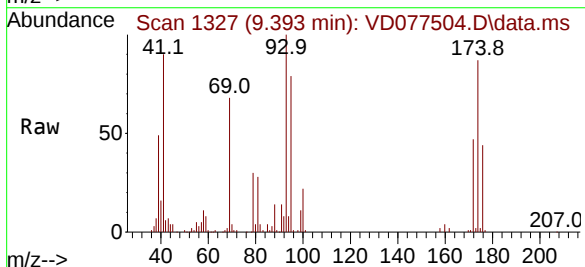
Tgt Ion: 93 Resp: 85671

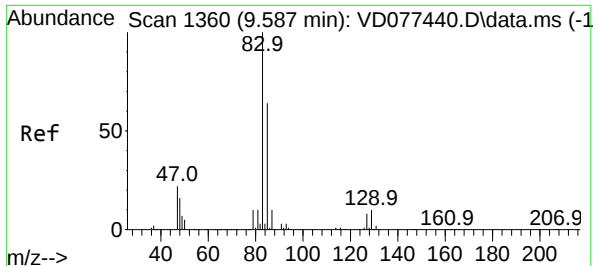
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

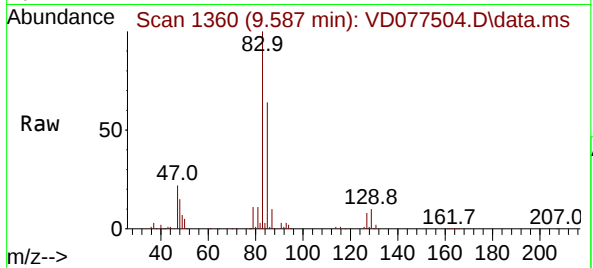
174 89.9 85.4 128.2





#47
Bromodichloromethane
Concen: 45.904 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

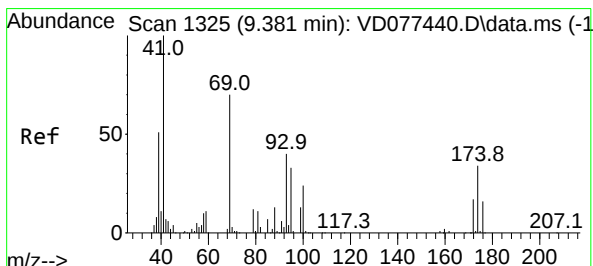
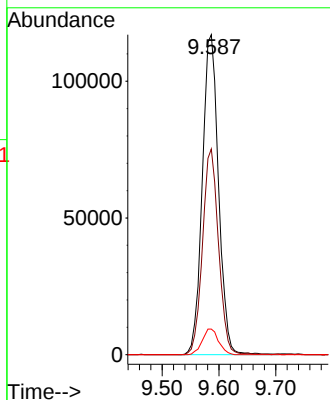
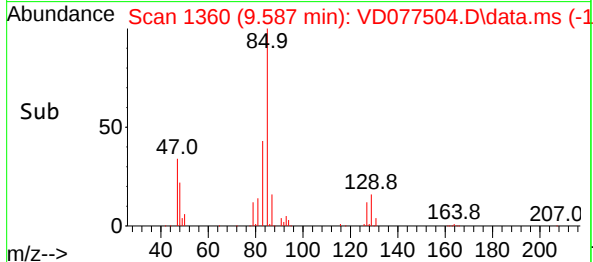
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



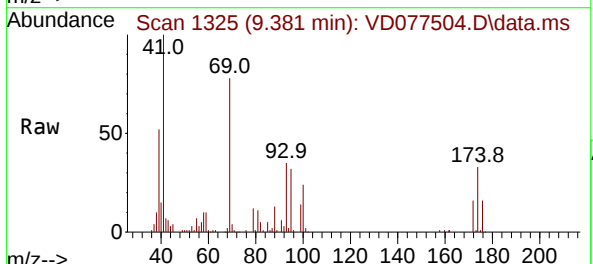
Tgt Ion: 83 Resp: 23153
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.0 6.3 9.5

Manual Integrations
APPROVED

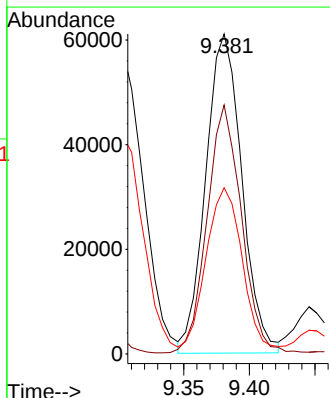
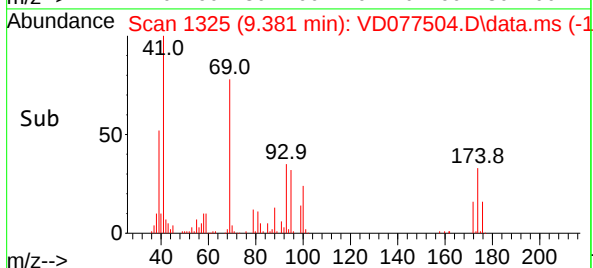
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

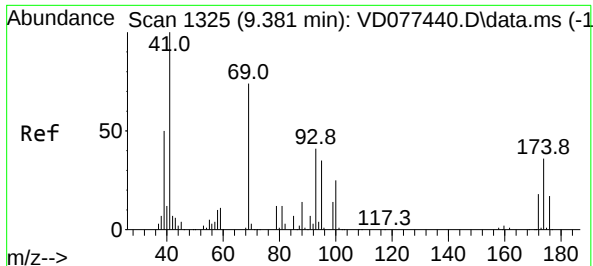


#48
Methyl methacrylate
Concen: 43.729 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion: 41 Resp: 116767
Ion Ratio Lower Upper
41 100
69 73.8 102.2 153.2#
39 49.2 41.4 62.2





#49

1,4-Dioxane

Concen: 875.285 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 17948

Ion Ratio Lower Upper

88 100

43 40.2 19.0 28.6

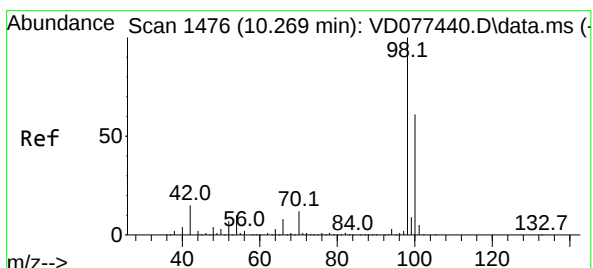
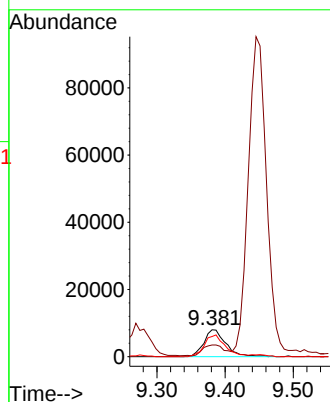
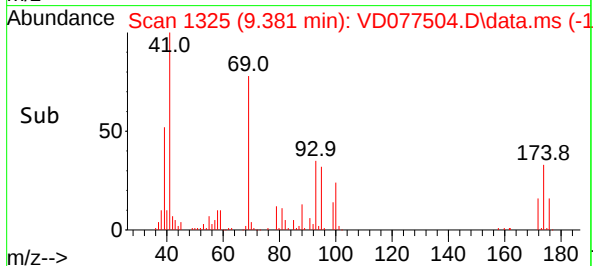
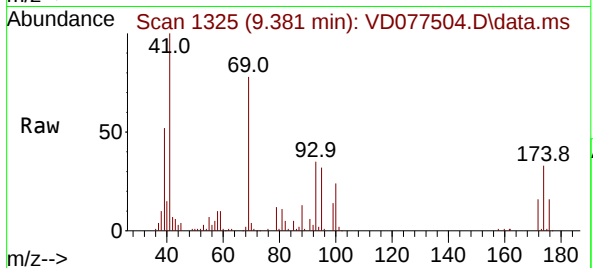
58 76.9 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#50

Toluene-d8

Concen: 51.124 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077504.D

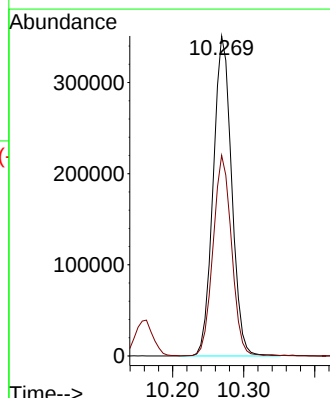
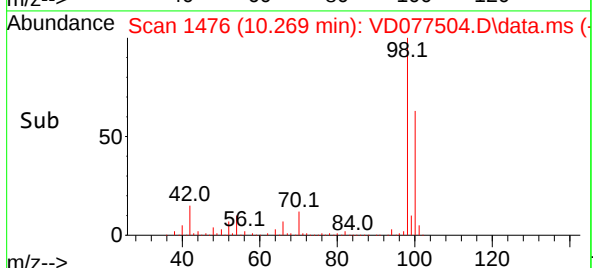
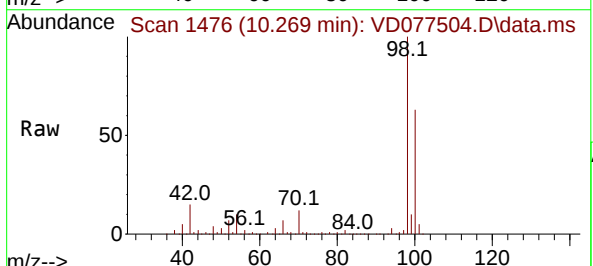
Acq: 06 Nov 2023 09:46

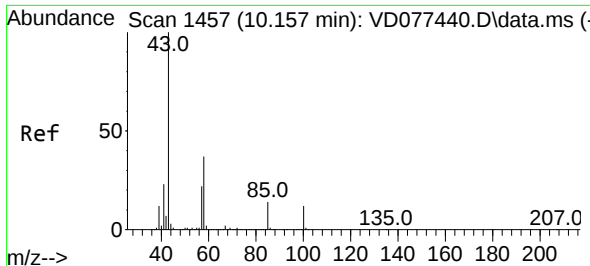
Tgt Ion: 98 Resp: 632631

Ion Ratio Lower Upper

98 100

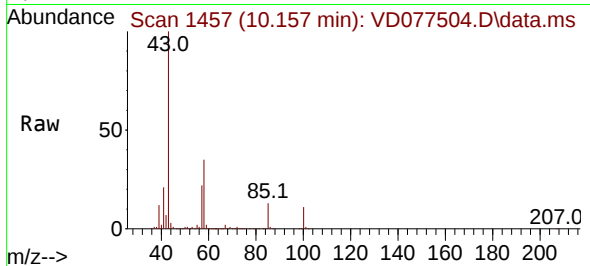
100 63.0 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 220.236 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

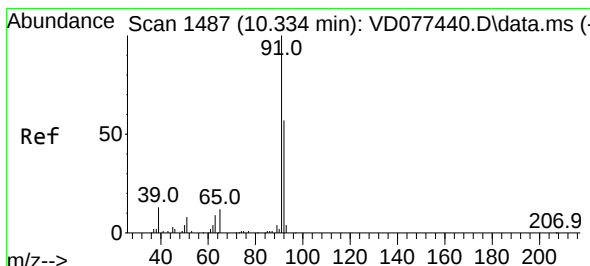
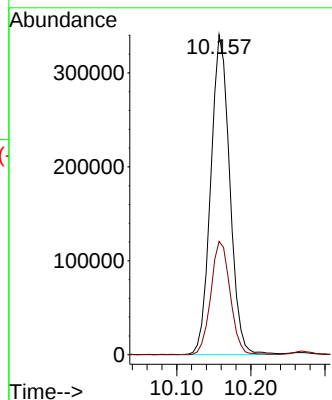
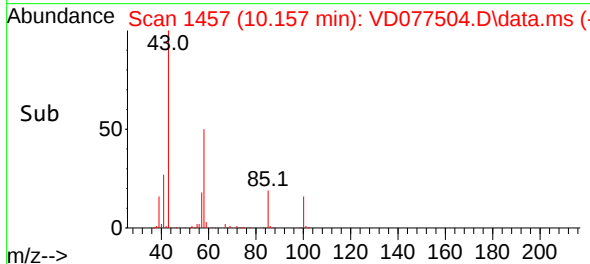
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



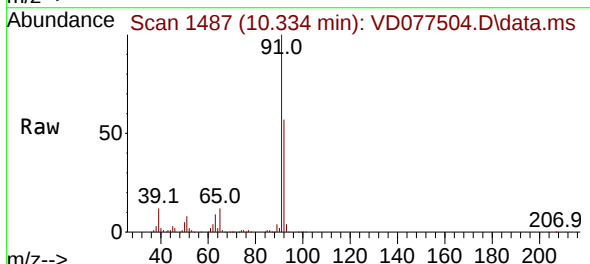
Tgt Ion: 43 Resp: 60640
Ion Ratio Lower Upper
43 100
58 36.0 38.9 58.3

Manual Integrations
APPROVED

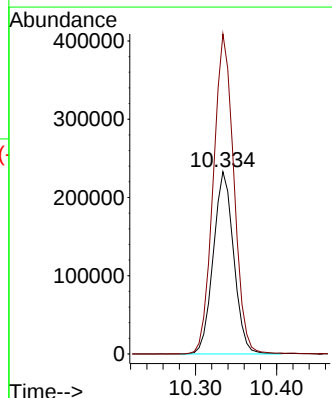
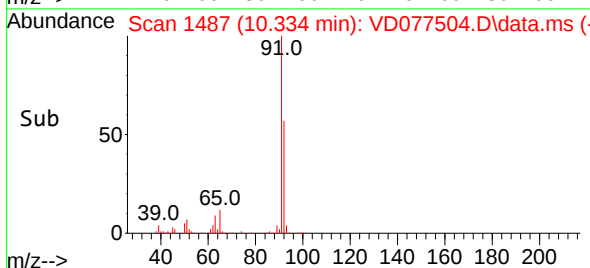
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

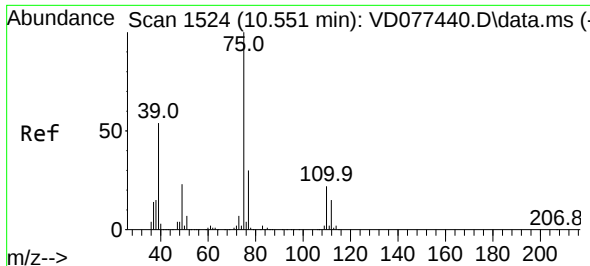


#52
Toluene
Concen: 49.530 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



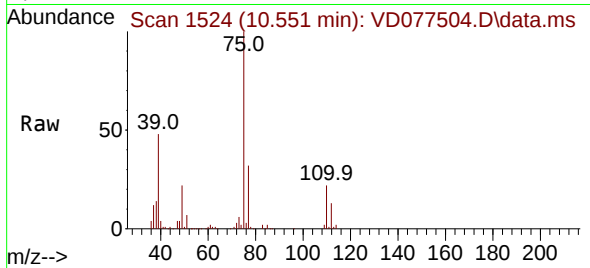
Tgt Ion: 92 Resp: 406694
Ion Ratio Lower Upper
92 100
91 177.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 45.994 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

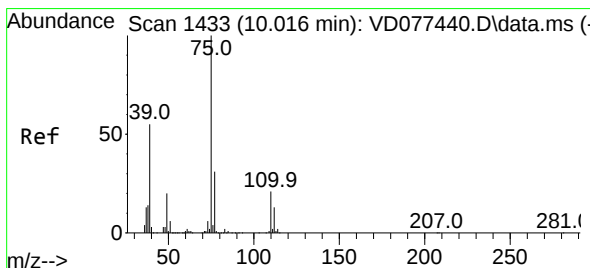
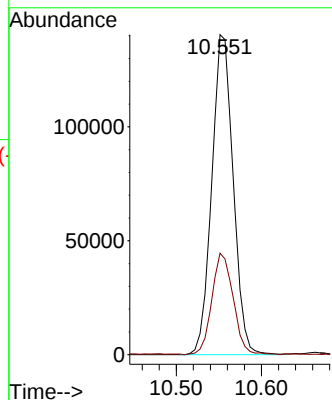
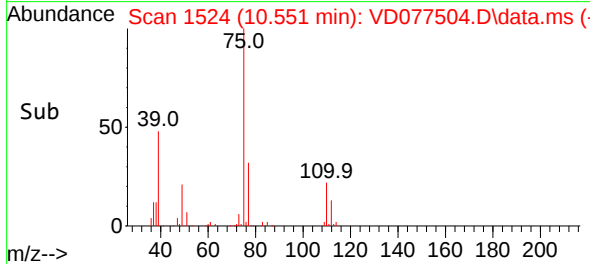
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



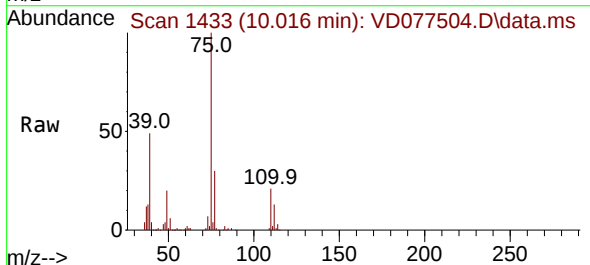
Tgt Ion: 75 Resp: 245651
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

Manual Integrations
APPROVED

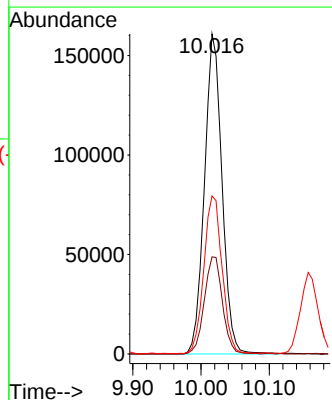
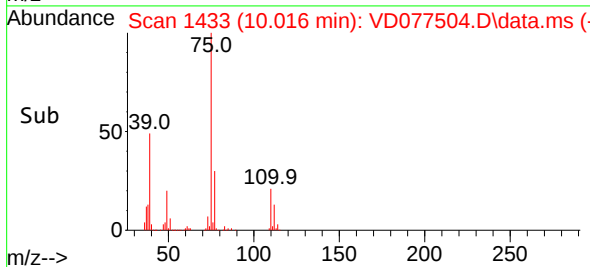
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

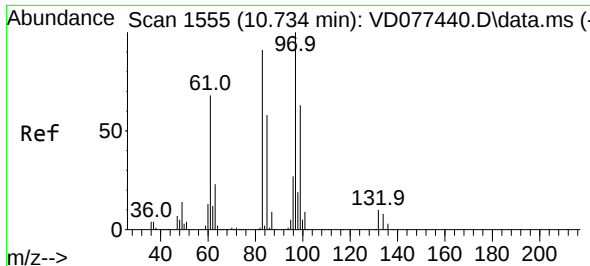


#54
cis-1,3-Dichloropropene
Concen: 46.948 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



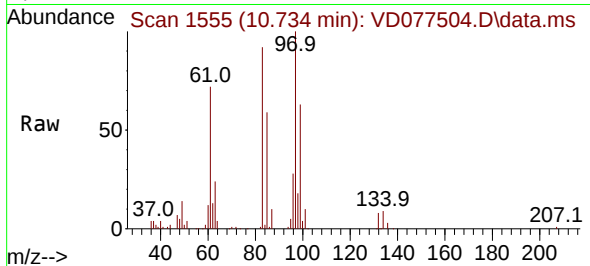
Tgt Ion: 75 Resp: 288551
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 49.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 45.644 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

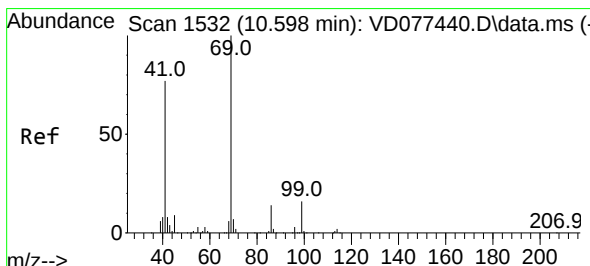
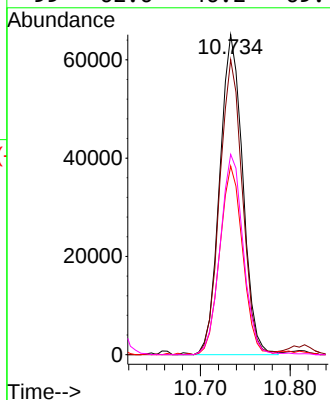
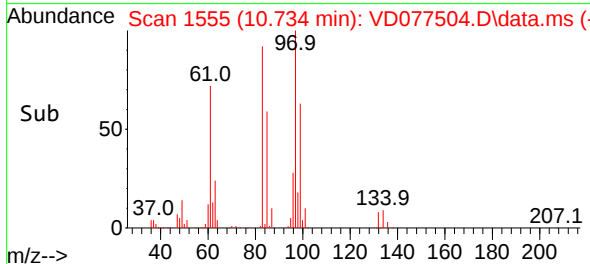
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	65.8	98.6
85	58.5	45.7	68.5
99	62.6	46.2	69.4

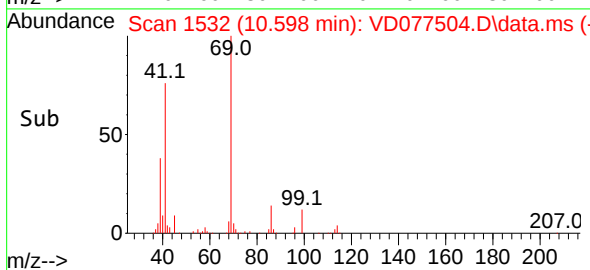
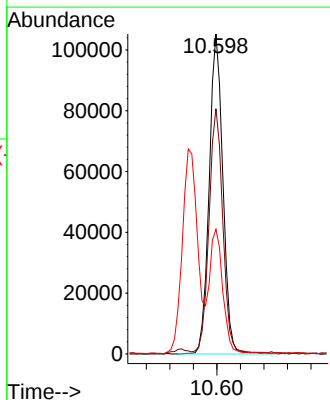
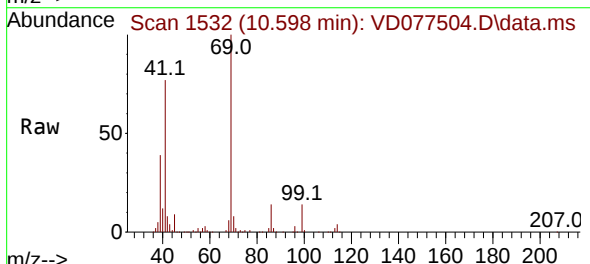
Manual Integrations
APPROVED

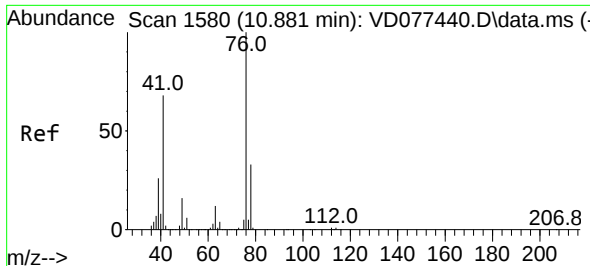
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#56
Ethyl methacrylate
Concen: 44.969 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.5	39.1	58.7#
39	35.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 46.686 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 222168

Ion Ratio Lower Upper

76 100

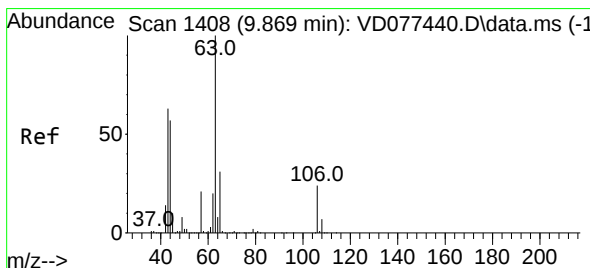
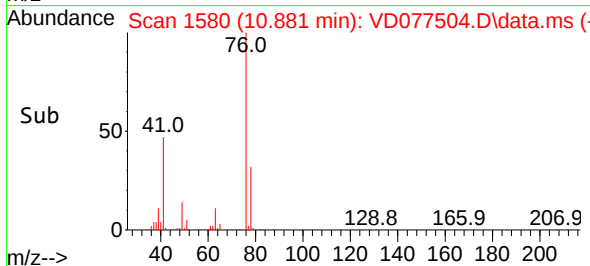
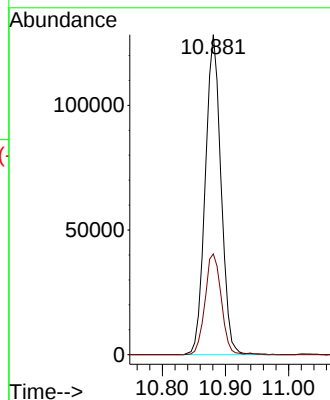
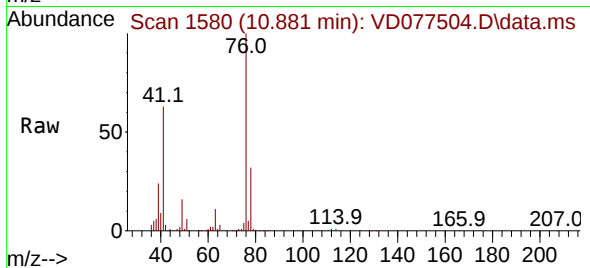
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.330 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077504.D

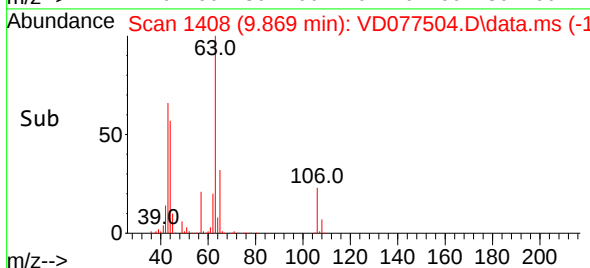
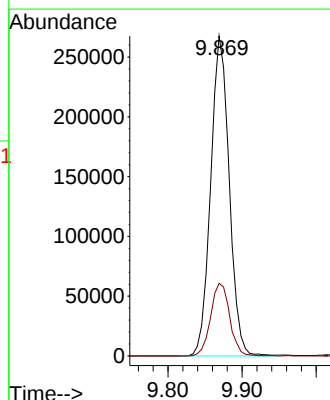
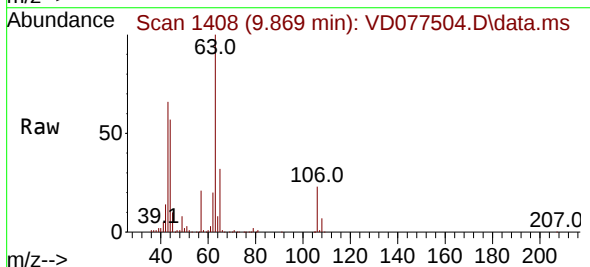
Acq: 06 Nov 2023 09:46

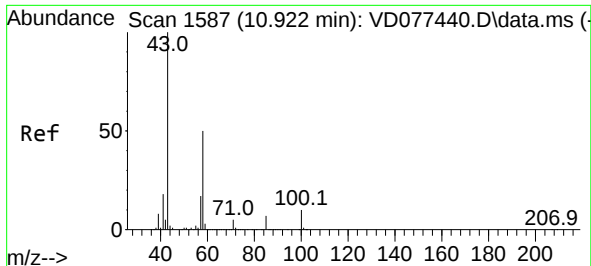
Tgt Ion: 63 Resp: 464928

Ion Ratio Lower Upper

63 100

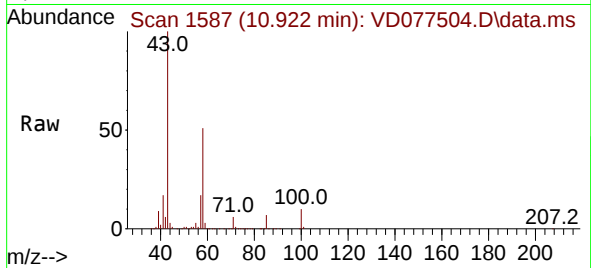
106 23.3 25.3 37.9





#59
2-Hexanone
Concen: 230.422 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

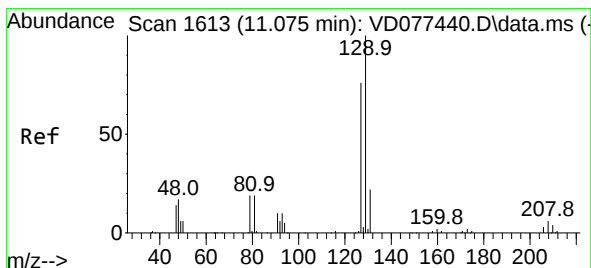
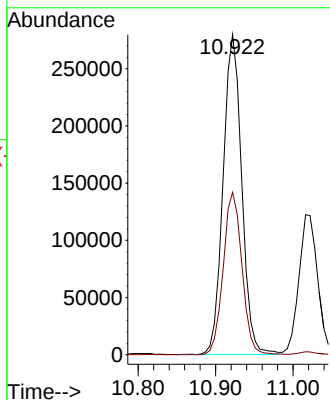
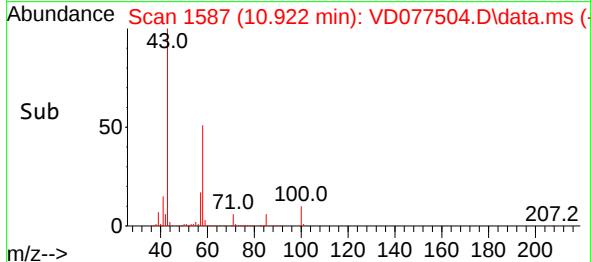
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 467378
Ion Ratio Lower Upper
43 100
58 51.0 34.1 102.2

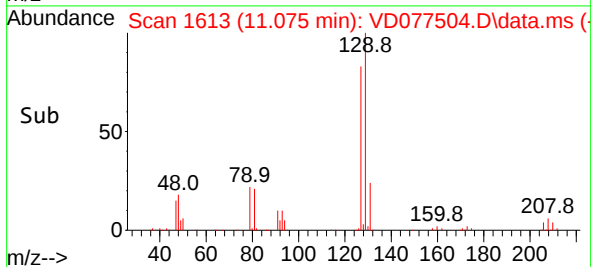
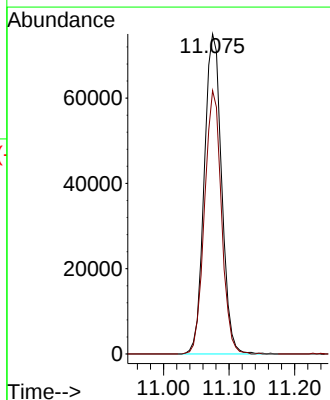
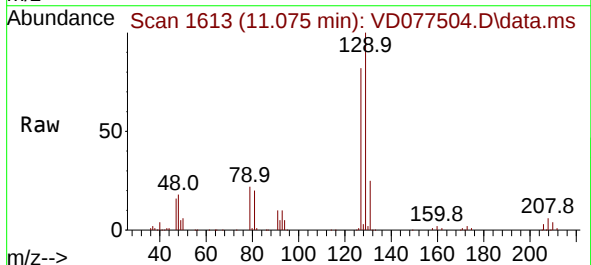
Manual Integrations
APPROVED

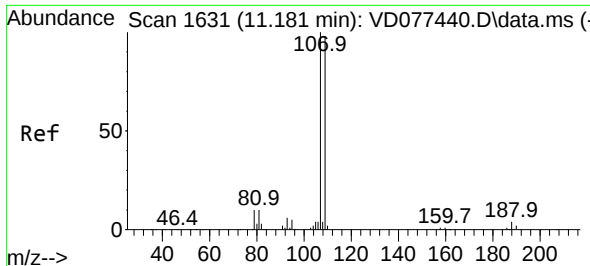
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#60
Dibromochloromethane
Concen: 45.099 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

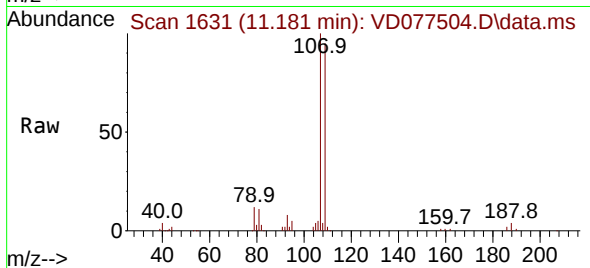
Tgt Ion:129 Resp: 138070
Ion Ratio Lower Upper
129 100
127 80.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 44.451 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

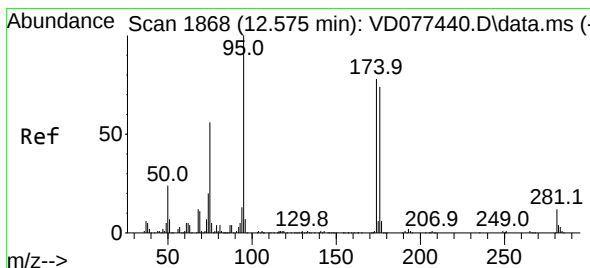
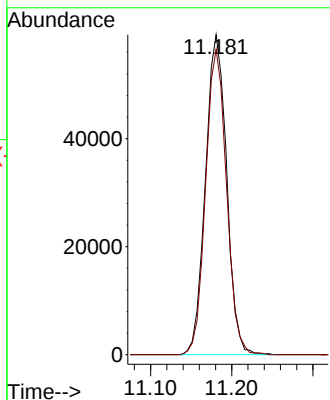
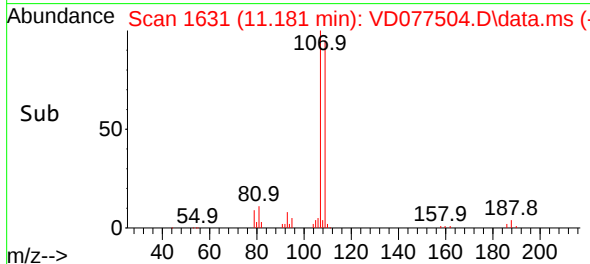
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



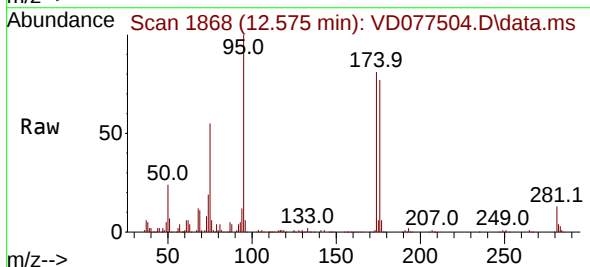
Tgt Ion:107 Resp: 10717
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

Manual Integrations
APPROVED

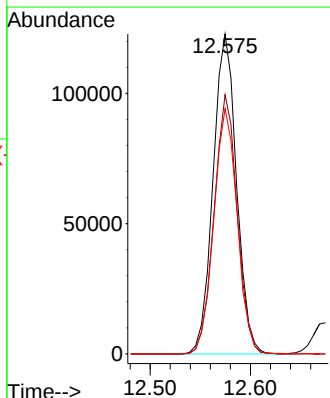
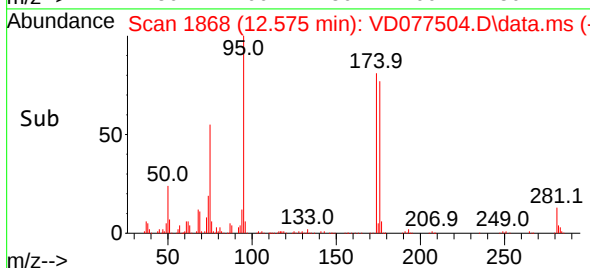
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

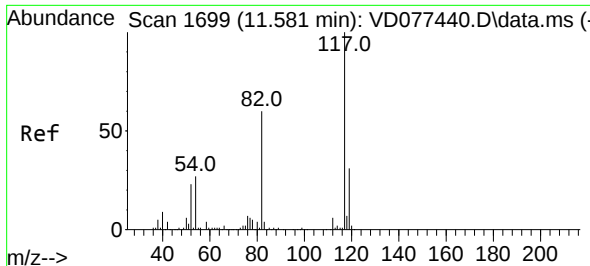


#62
4-Bromofluorobenzene
Concen: 47.720 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



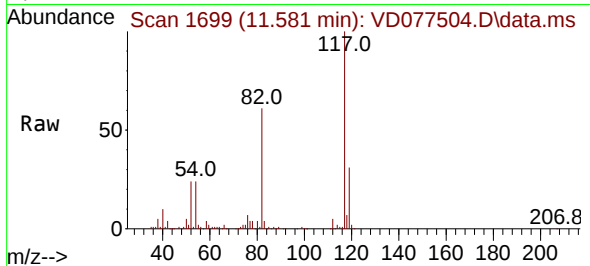
Tgt Ion: 95 Resp: 198889
Ion Ratio Lower Upper
95 100
174 79.9 0.0 201.8
176 76.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

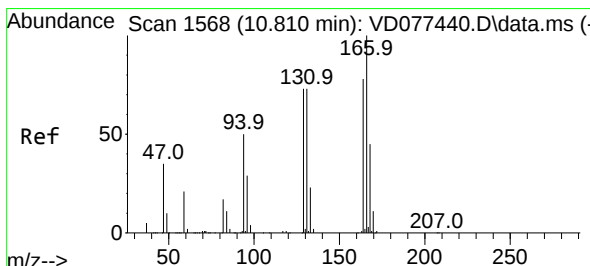
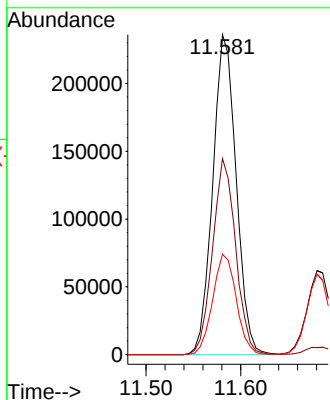
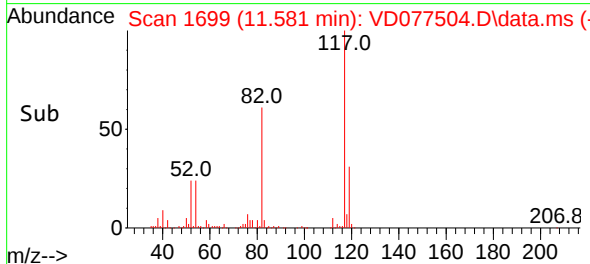
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 405598
Ion Ratio Lower Upper
117 100
82 61.3 38.3 57.5
119 31.4 25.0 37.4

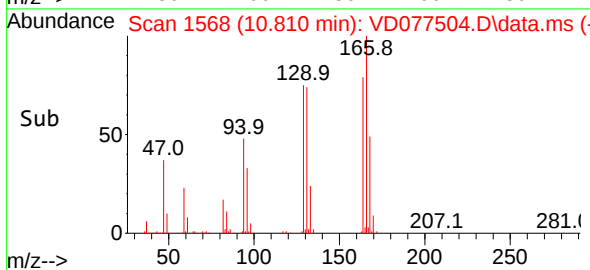
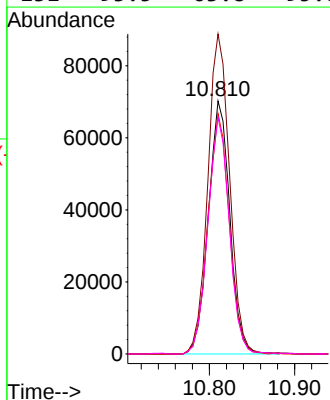
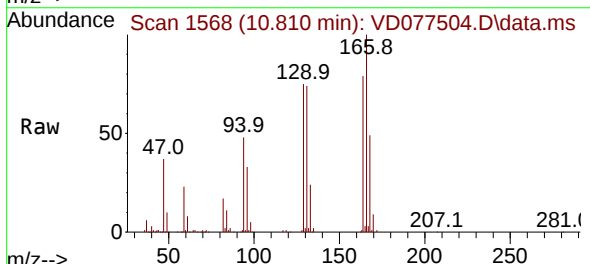
Manual Integrations
APPROVED

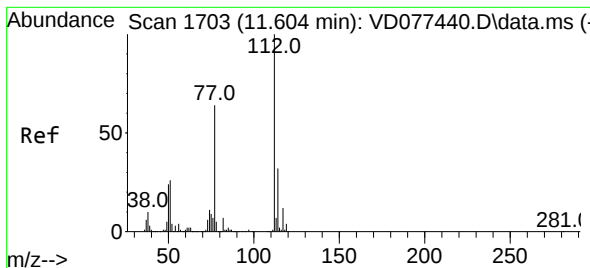
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#64
Tetrachloroethene
Concen: 47.713 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

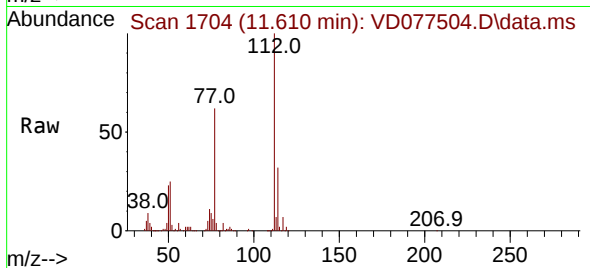
Tgt Ion:164 Resp: 123208
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 95.0 68.4 102.6
131 93.5 63.8 95.8





#65
Chlorobenzene
Concen: 48.571 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

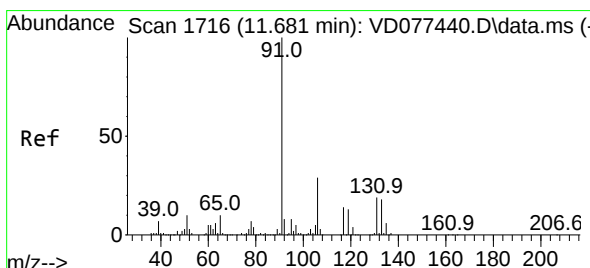
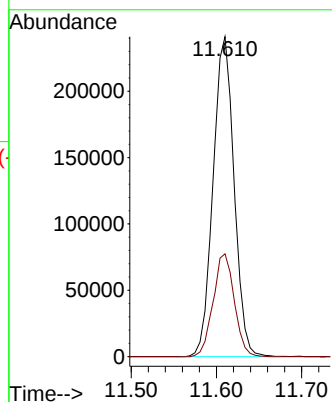
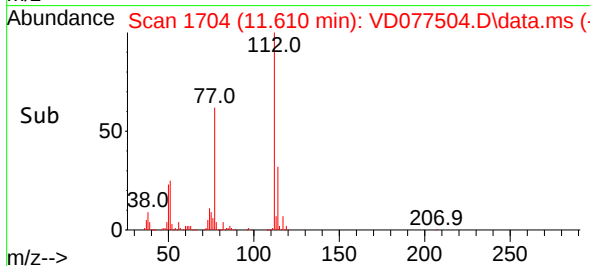
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



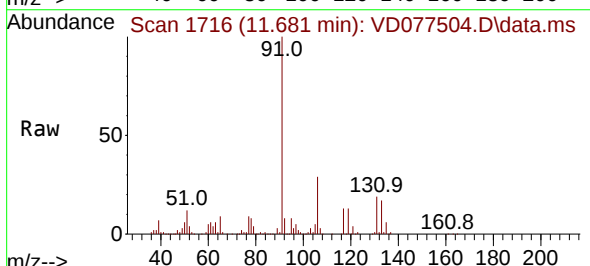
Tgt Ion:112 Resp: 41272
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

Manual Integrations
APPROVED

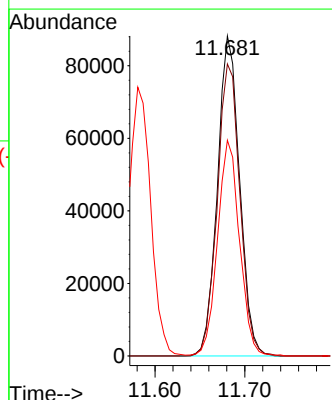
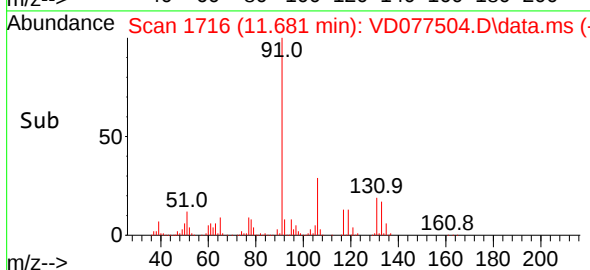
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

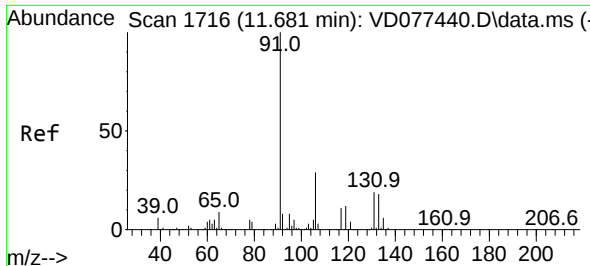


#66
1,1,1,2-Tetrachloroethane
Concen: 47.226 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion:131 Resp: 151646
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 66.9 35.6 106.9





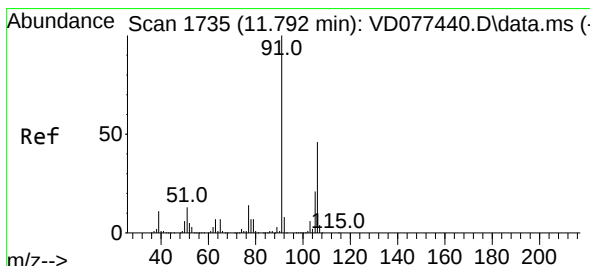
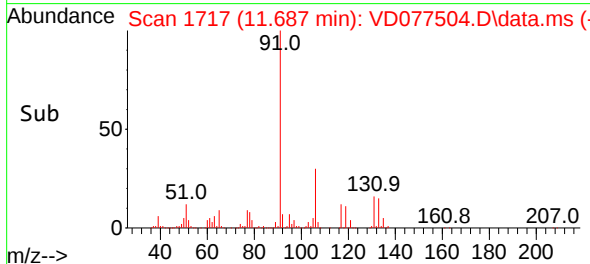
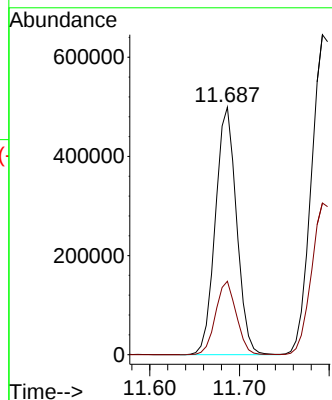
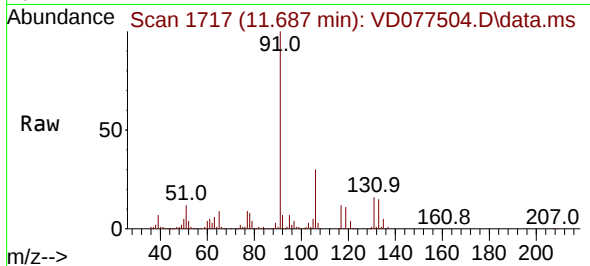
#67
Ethyl Benzene
Concen: 49.963 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 816870
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7

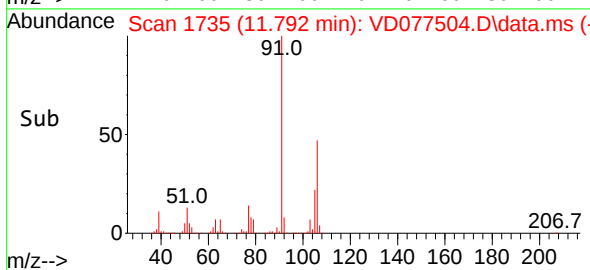
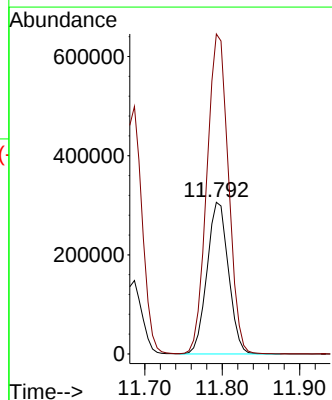
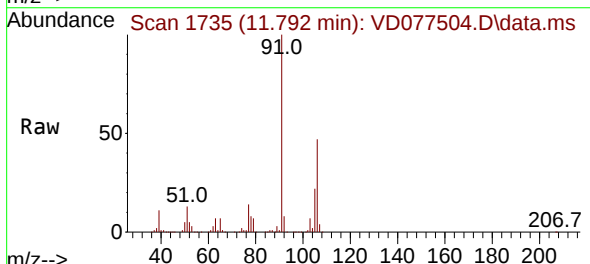
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#68
m/p-Xylenes
Concen: 99.655 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:106 Resp: 588362
Ion Ratio Lower Upper
106 100
91 211.8 147.0 220.6





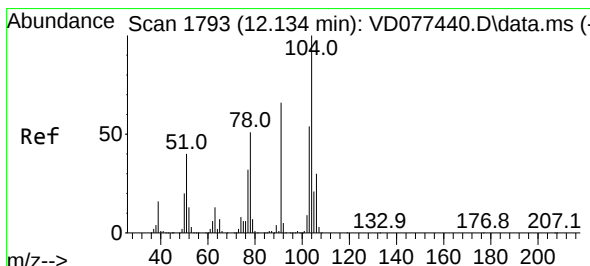
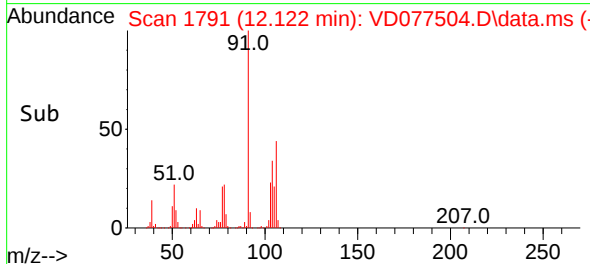
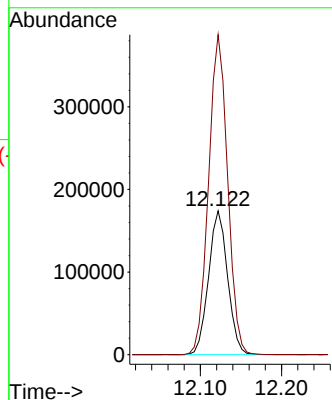
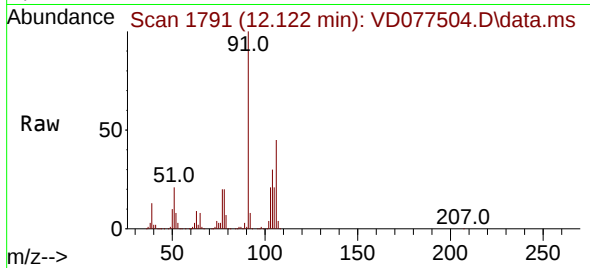
#69
o-Xylene
Concen: 50.185 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 28380
Ion Ratio Lower Upper
106 100
91 222.3 97.9 293.6

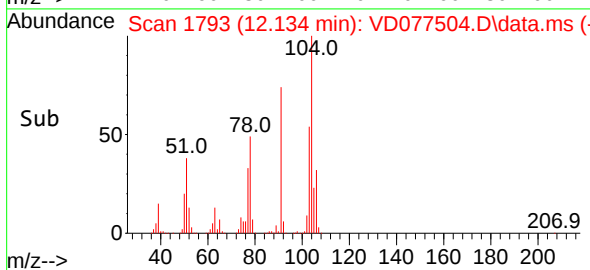
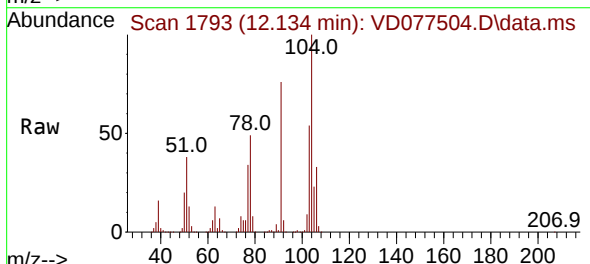
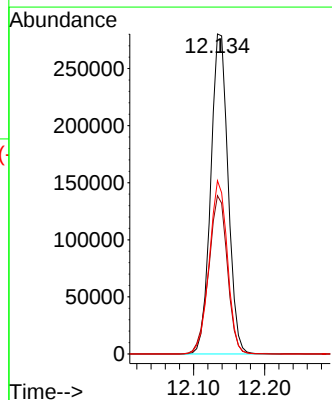
Manual Integrations
APPROVED

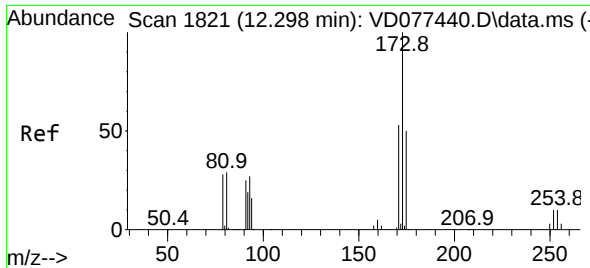
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#70
Styrene
Concen: 48.911 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

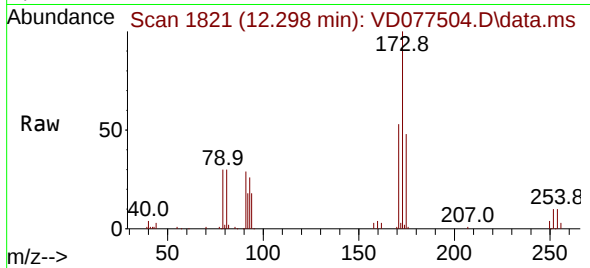
Tgt Ion:104 Resp: 477168
Ion Ratio Lower Upper
104 100
78 53.2 33.2 49.8#
103 56.5 43.6 65.4





#71
Bromoform
Concen: 44.348 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

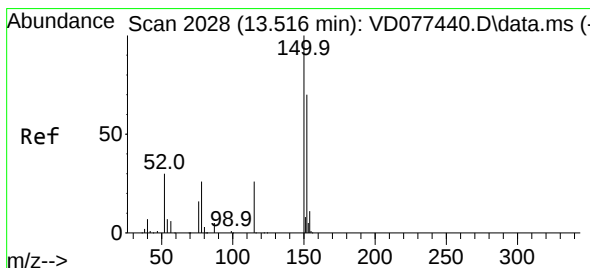
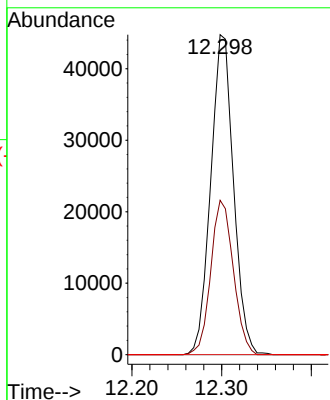
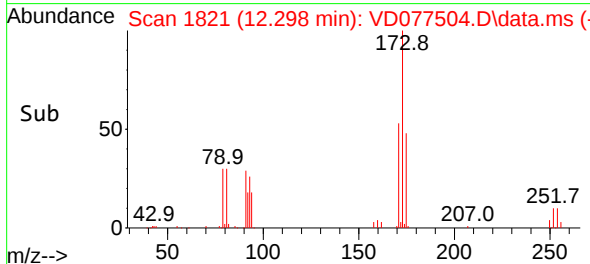
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



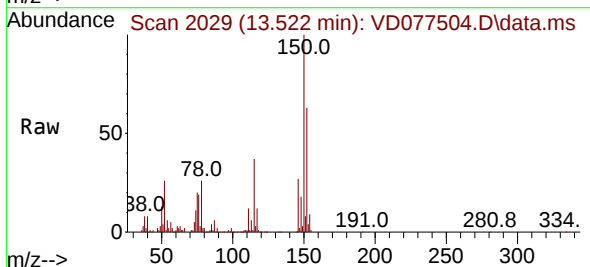
Tgt Ion:173 Resp: 78948
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

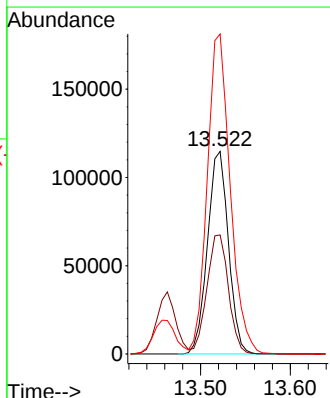
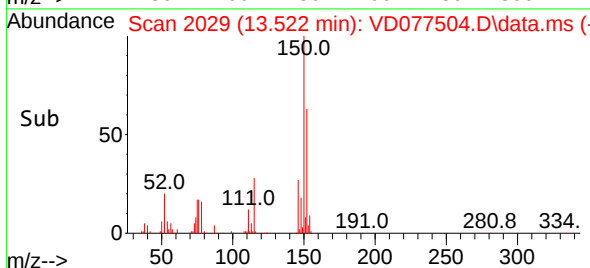
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

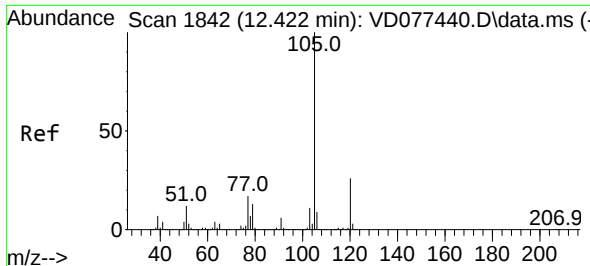


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



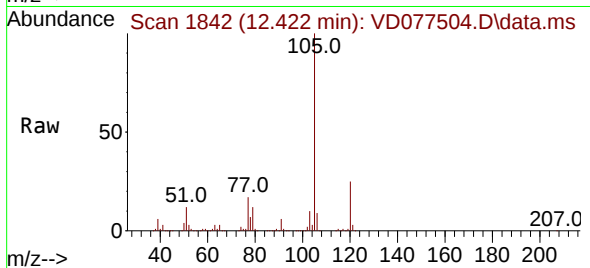
Tgt Ion:152 Resp: 186220
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 172.8 0.0 353.6





#73
Isopropylbenzene
Concen: 49.933 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

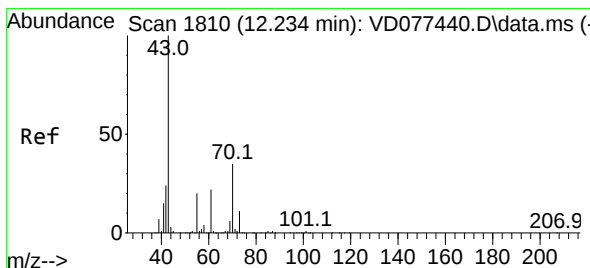
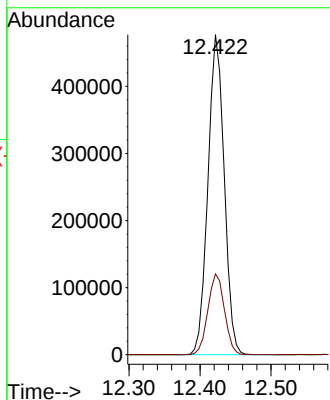
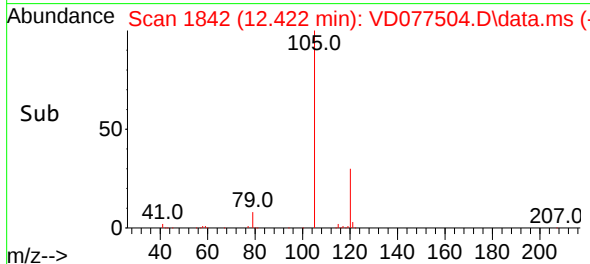
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 758110
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

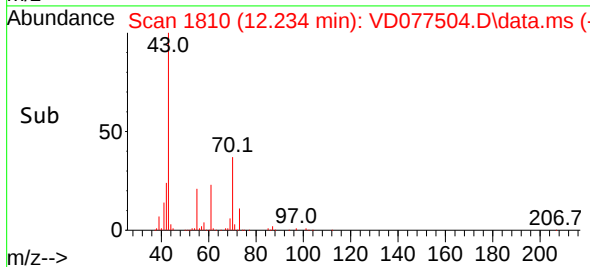
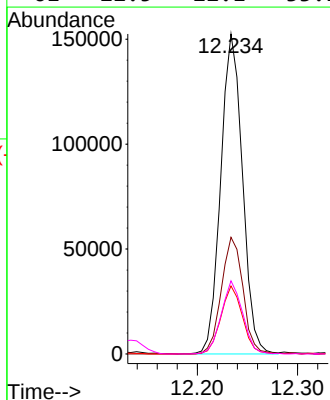
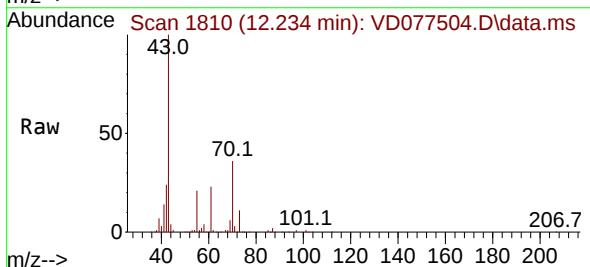
Manual Integrations
APPROVED

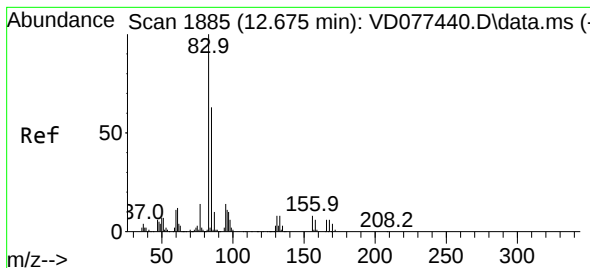
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#74
N-ethyl acetate
Concen: 42.779 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

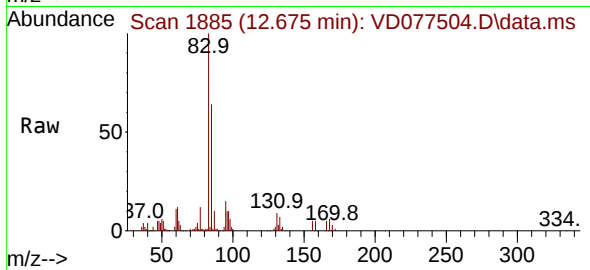
Tgt Ion: 43 Resp: 230058
Ion Ratio Lower Upper
43 100
70 36.3 45.0 67.4#
55 21.1 23.8 35.6#
61 22.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 45.220 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

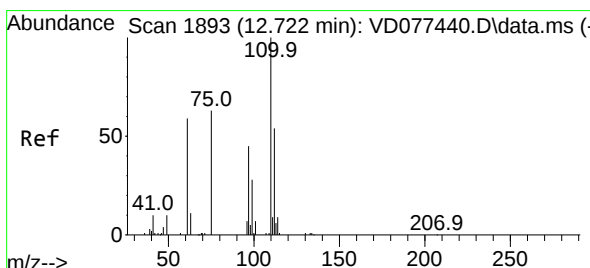
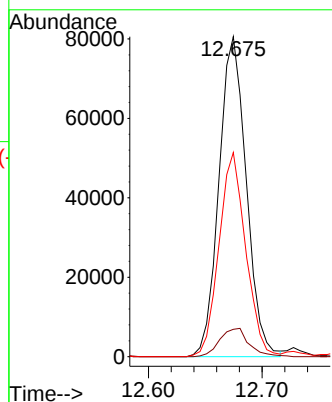
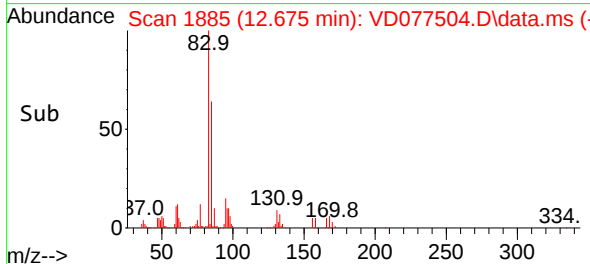
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



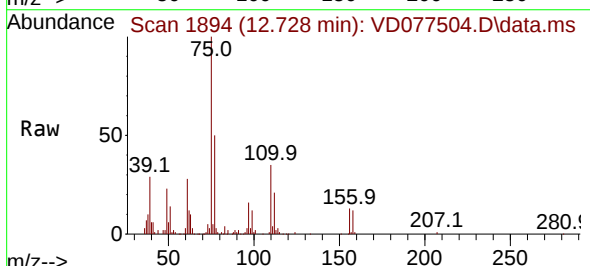
Tgt Ion: 83 Resp: 134580
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 62.4 32.6 97.8

Manual Integrations
APPROVED

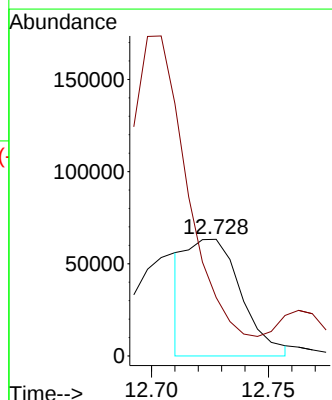
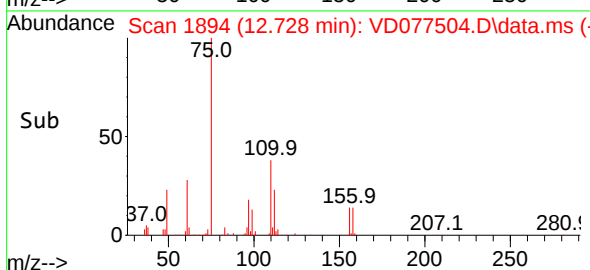
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

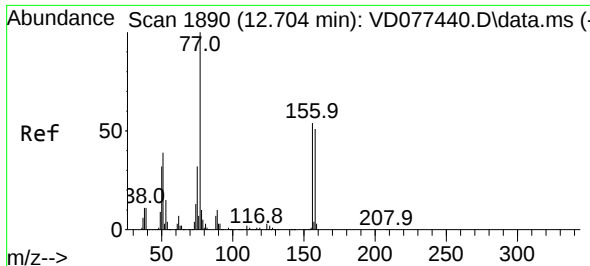


#76
1,2,3-Trichloropropane
Concen: 45.696 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion: 75 Resp: 103568
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





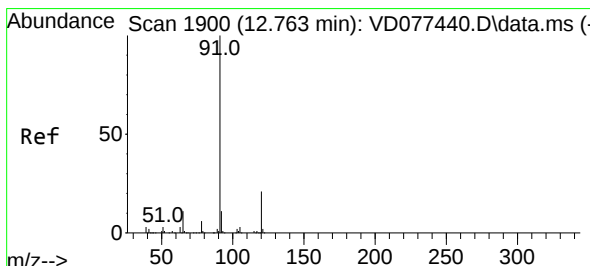
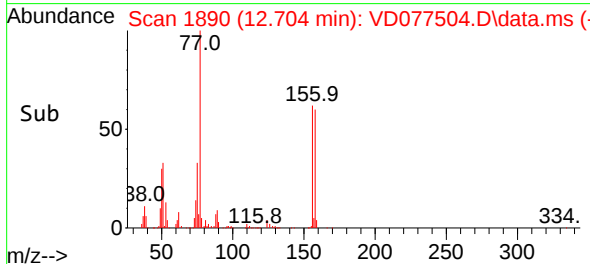
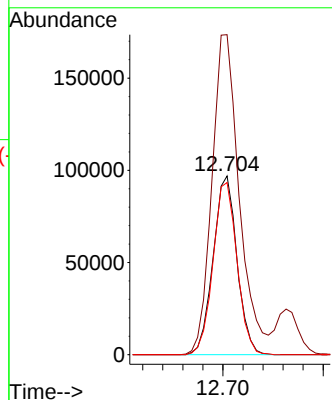
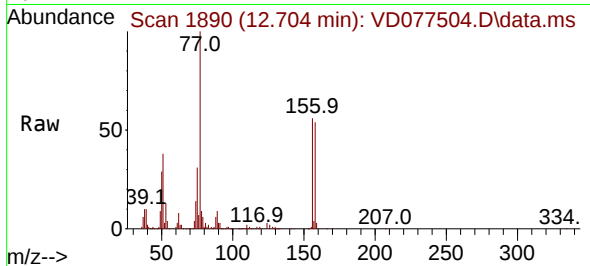
#77
Bromobenzene
Concen: 47.800 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 15974
Ion Ratio Lower Upper
156 100
77 205.7 76.8 230.4
158 96.8 48.6 145.9

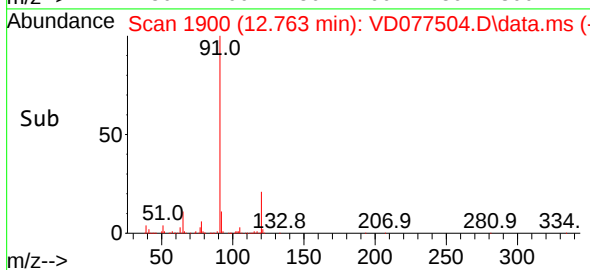
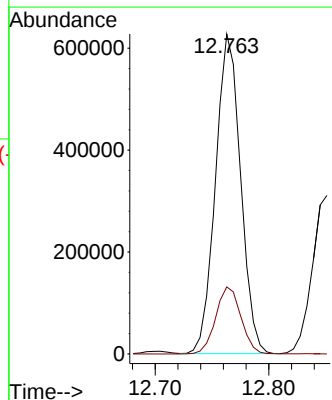
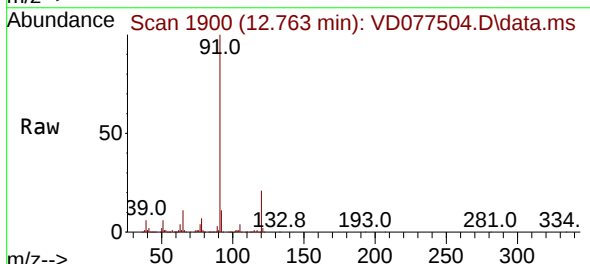
Manual Integrations
APPROVED

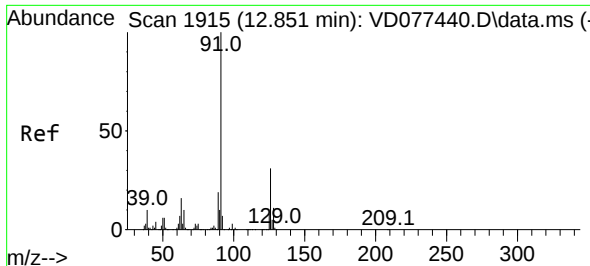
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#78
n-propylbenzene
Concen: 49.906 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 91 Resp: 962082
Ion Ratio Lower Upper
91 100
120 21.1 12.4 37.2





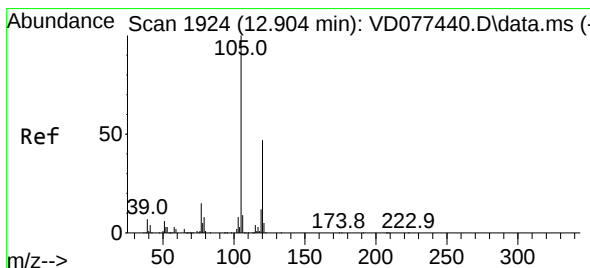
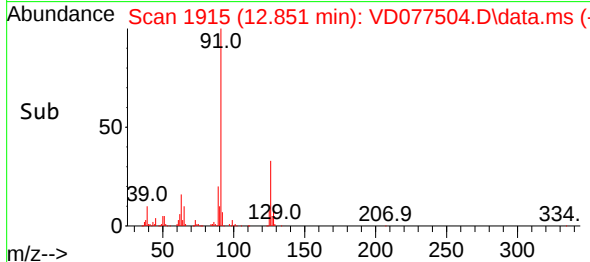
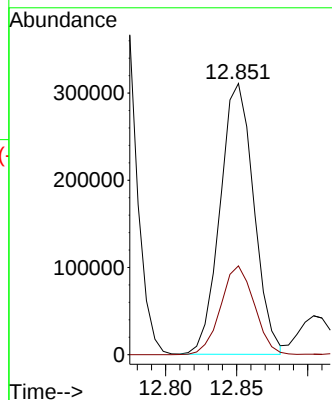
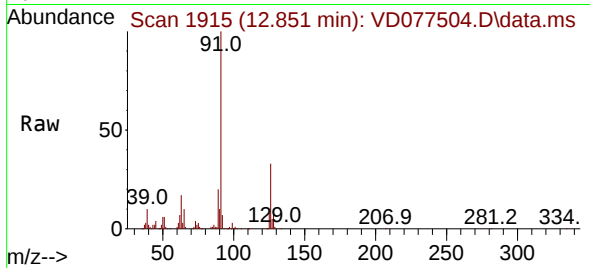
#79
2-Chlorotoluene
Concen: 47.087 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 51396
Ion Ratio Lower Upper
91 100
126 32.7 19.4 58.1

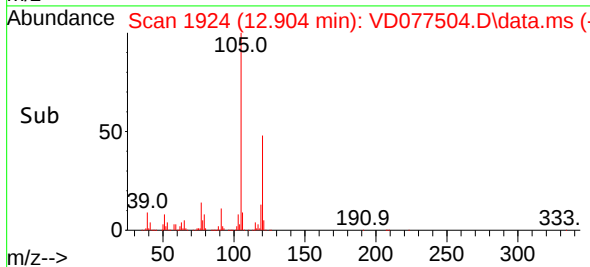
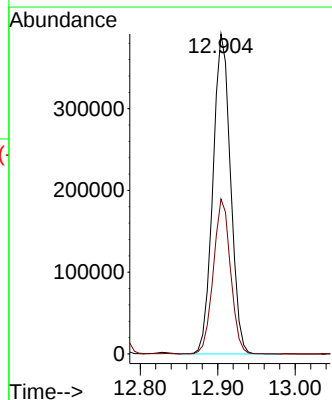
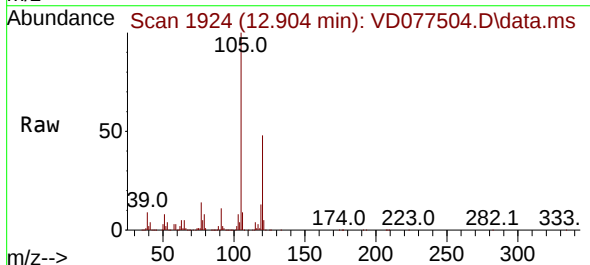
Manual Integrations
APPROVED

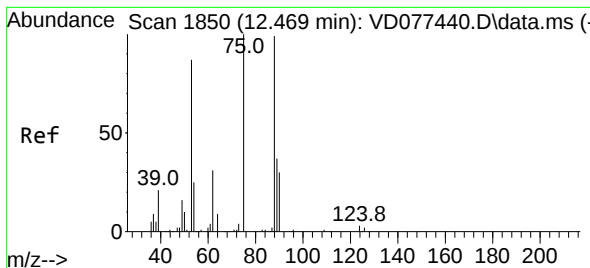
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.623 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:105 Resp: 619439
Ion Ratio Lower Upper
105 100
120 47.2 26.4 79.2





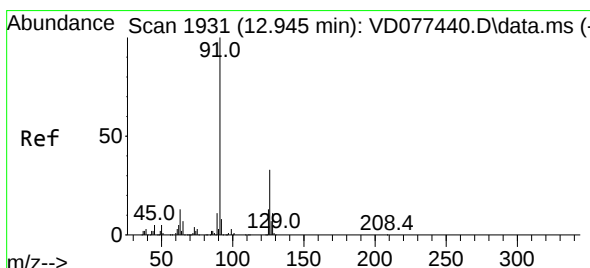
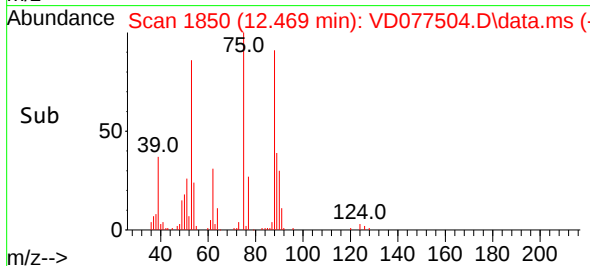
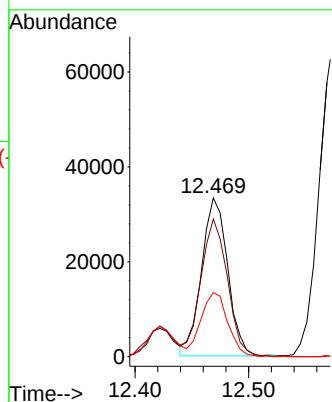
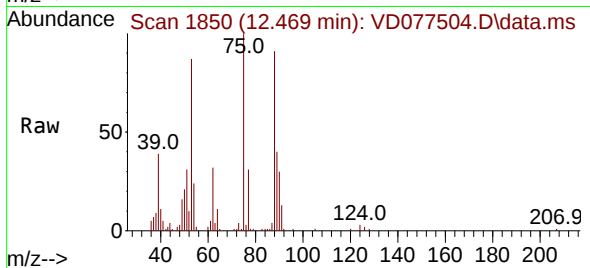
#81
trans-1,4-Dichloro-2-butene
Concen: 45.434 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 53310
Ion Ratio Lower Upper
75 100
53 88.9 63.0 94.4
89 41.6 37.9 56.9

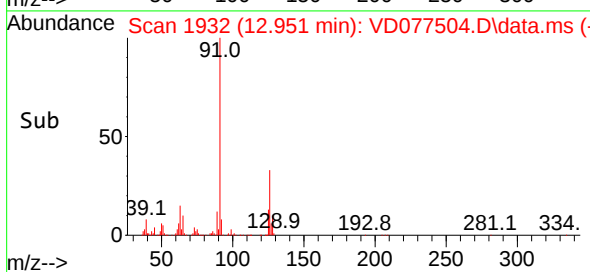
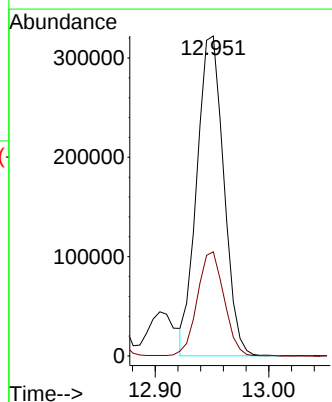
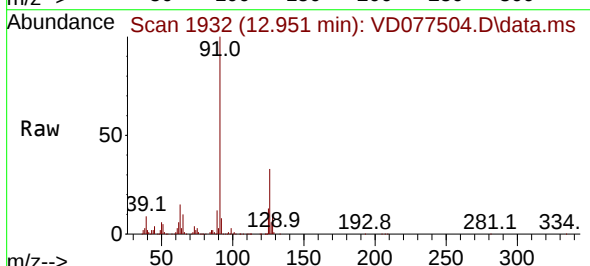
Manual Integrations
APPROVED

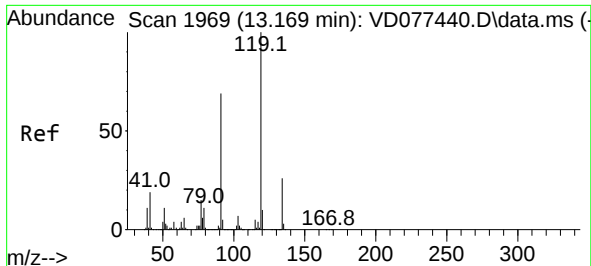
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 46.613 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

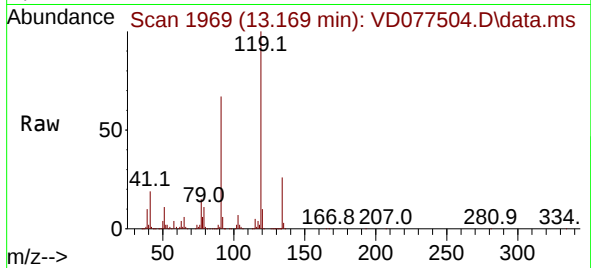
Tgt Ion: 91 Resp: 529983
Ion Ratio Lower Upper
91 100
126 32.5 19.4 58.4





#83
tert-Butylbenzene
Concen: 49.483 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

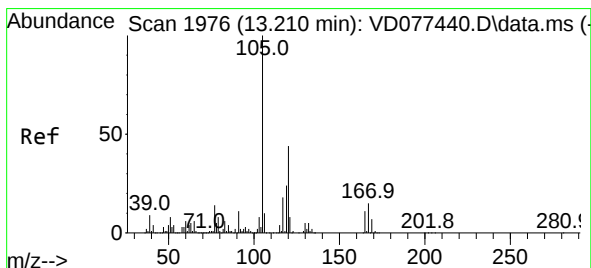
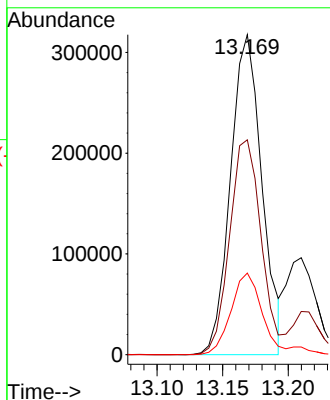
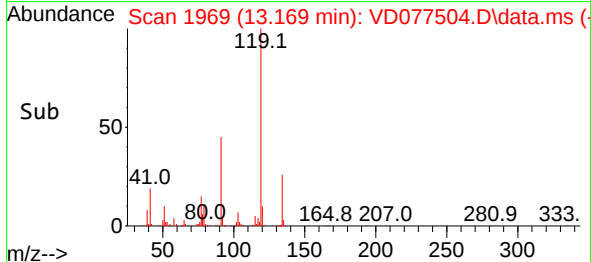
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



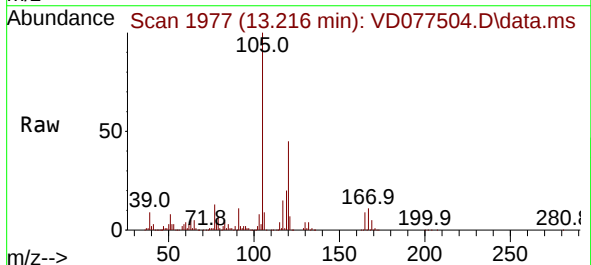
Tgt Ion:119 Resp: 530000
Ion Ratio Lower Upper
119 100
91 68.3 29.3 87.8
134 26.5 14.1 42.3

Manual Integrations
APPROVED

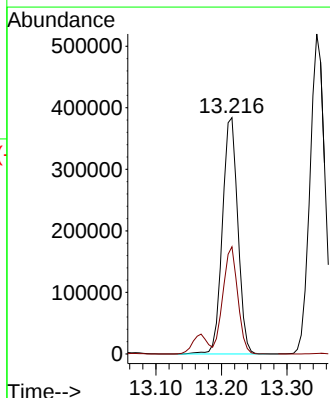
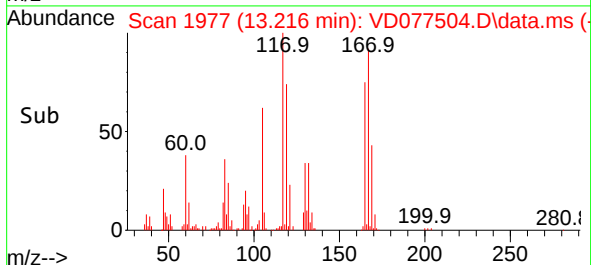
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

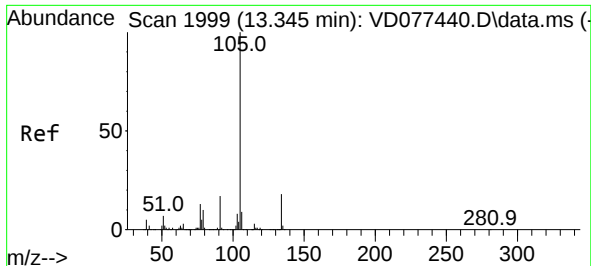


#84
1,2,4-Trimethylbenzene
Concen: 49.418 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



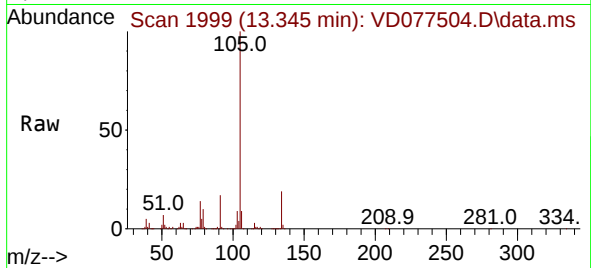
Tgt Ion:105 Resp: 625386
Ion Ratio Lower Upper
105 100
120 43.4 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 49.954 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

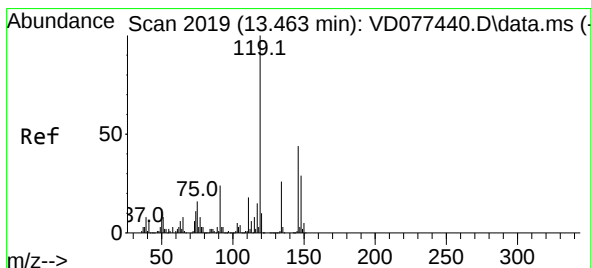
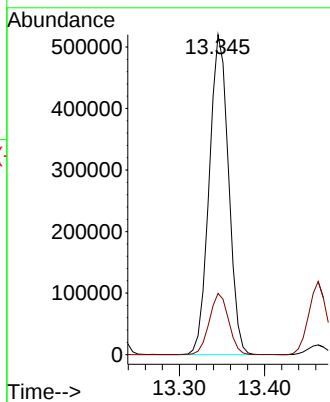
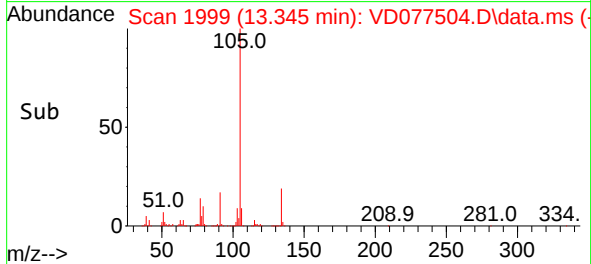
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 818656
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

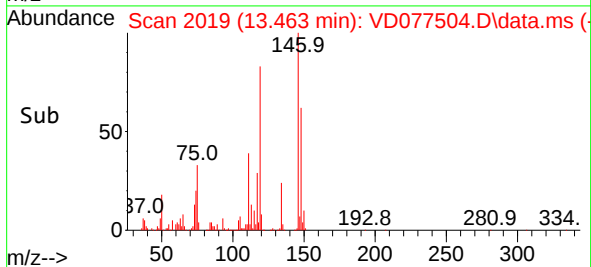
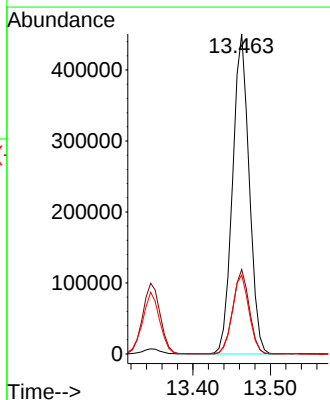
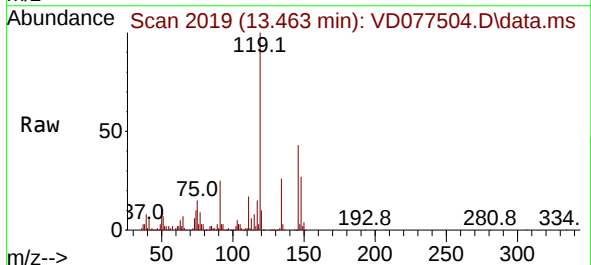
Manual Integrations
 APPROVED

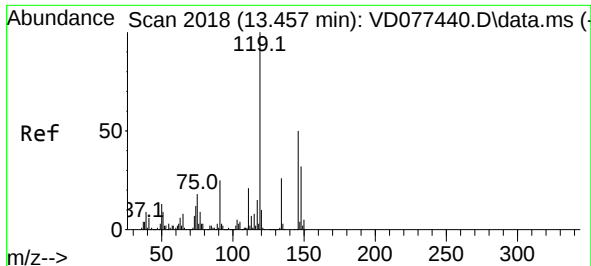
Reviewed By :John Carbone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#86
 p-Isopropyltoluene
 Concen: 50.346 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion:119 Resp: 670656
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 24.7 10.5 31.5





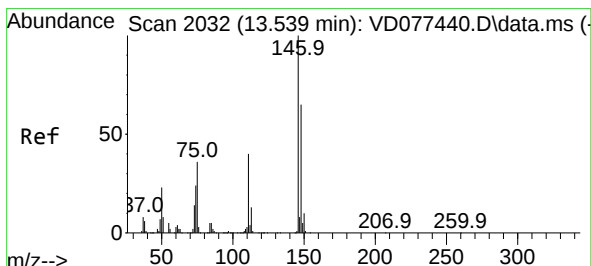
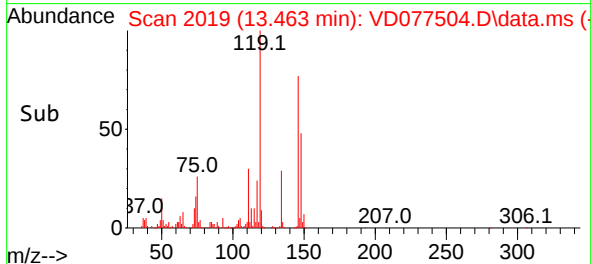
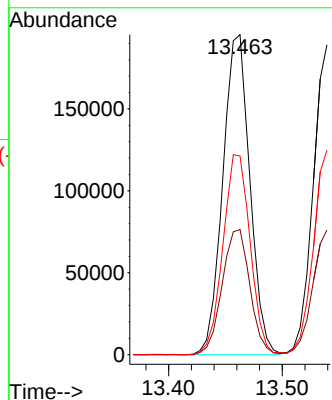
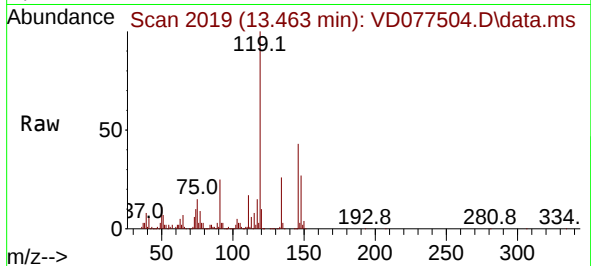
#87
1,3-Dichlorobenzene
Concen: 49.185 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 32310
Ion Ratio Lower Upper
146 100
111 40.1 17.9 53.8
148 63.1 32.3 96.8

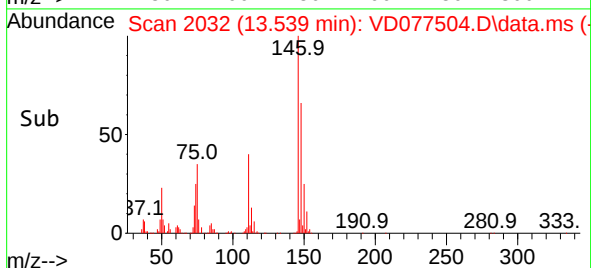
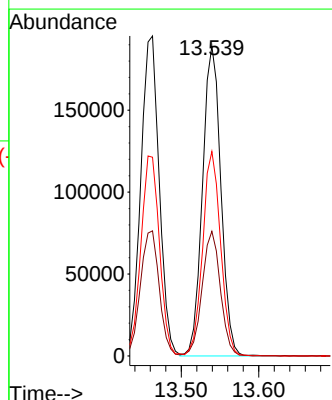
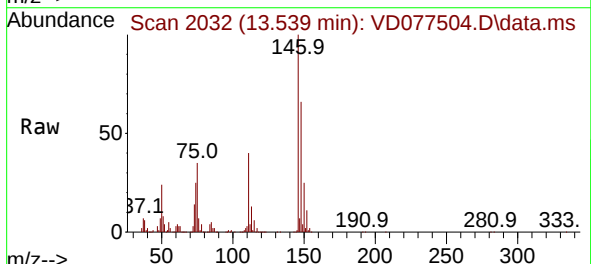
Manual Integrations
APPROVED

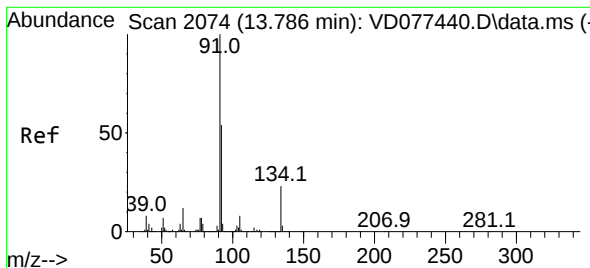
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#88
1,4-Dichlorobenzene
Concen: 47.472 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:146 Resp: 311572
Ion Ratio Lower Upper
146 100
111 39.8 17.4 52.3
148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 49.687 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

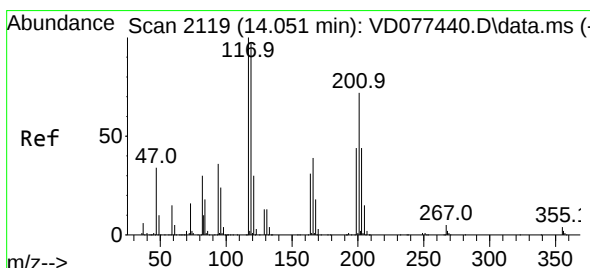
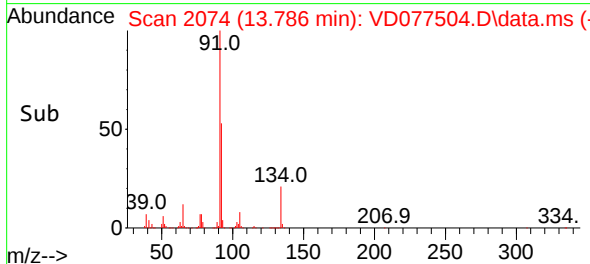
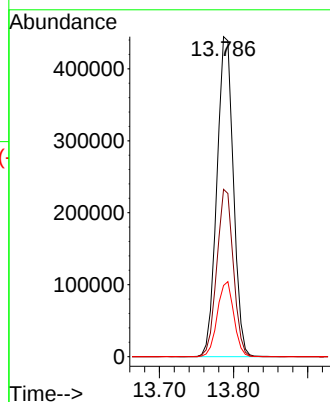
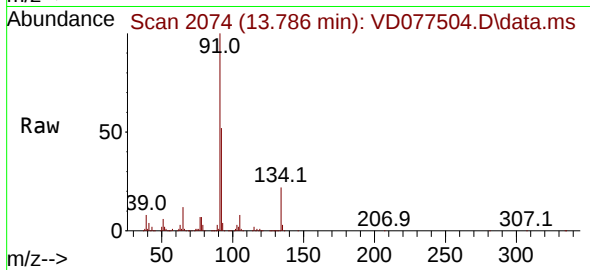
Tgt Ion:	91	Resp:	68792
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.5	79.5
134	23.4	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#90

Hexachloroethane

Concen: 48.116 ug/l

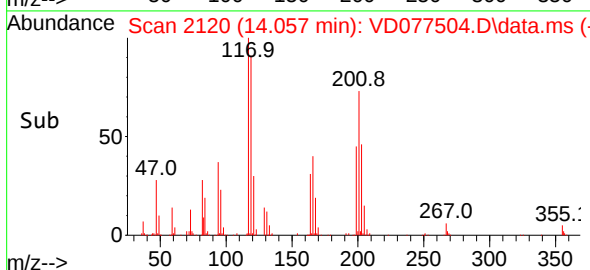
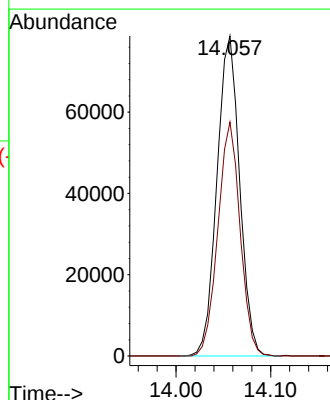
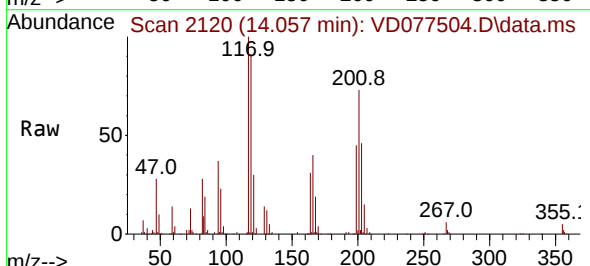
RT: 14.057 min Scan# 2120

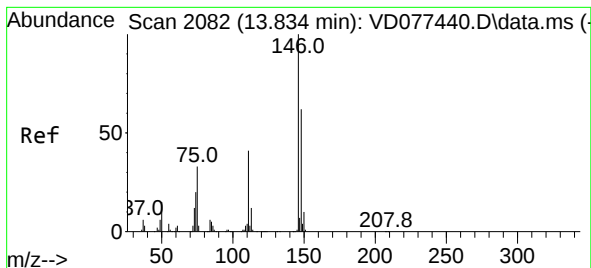
Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion:	117	Resp:	131159
Ion Ratio	Lower	Upper	
117	100		
201	71.5	38.5	115.5





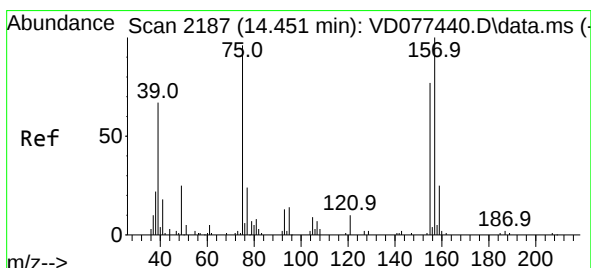
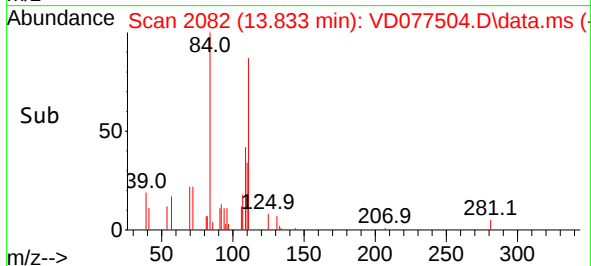
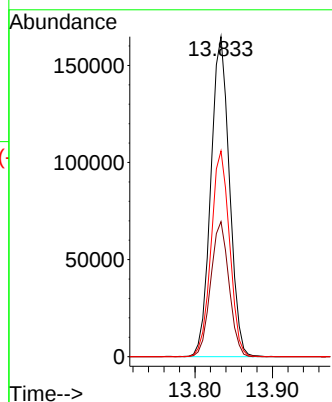
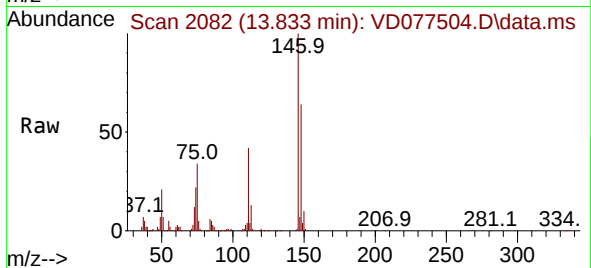
#91
1,2-Dichlorobenzene
Concen: 47.534 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27441
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 63.9 31.6 94.7

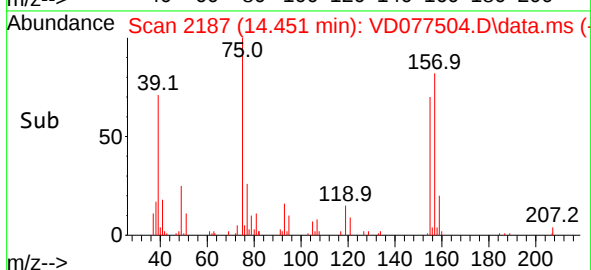
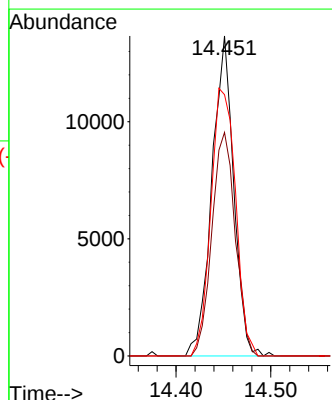
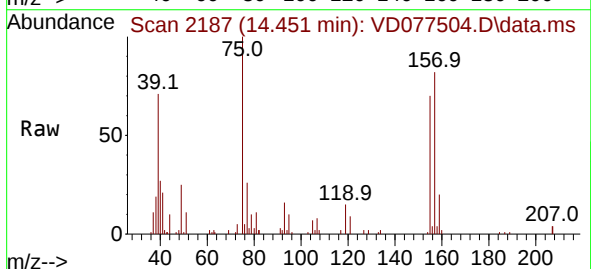
Manual Integrations
APPROVED

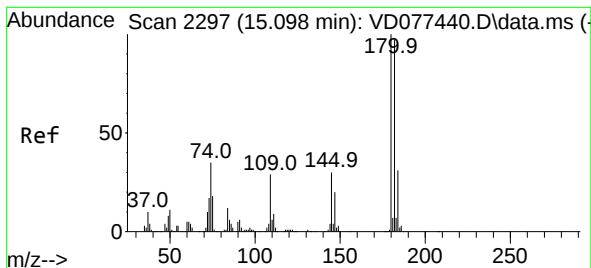
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.494 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 75 Resp: 21807
Ion Ratio Lower Upper
75 100
155 75.3 47.9 143.8
157 94.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.399 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 18401

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

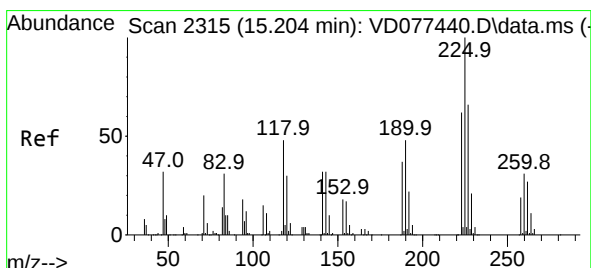
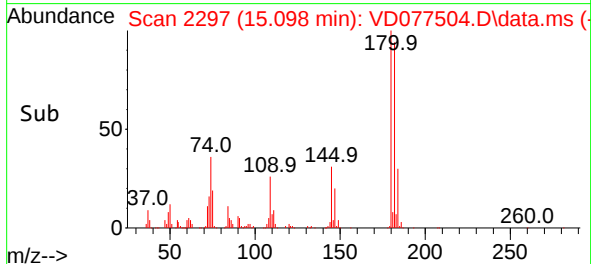
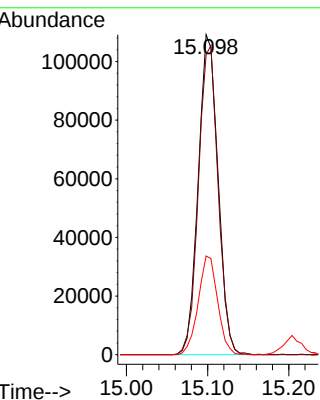
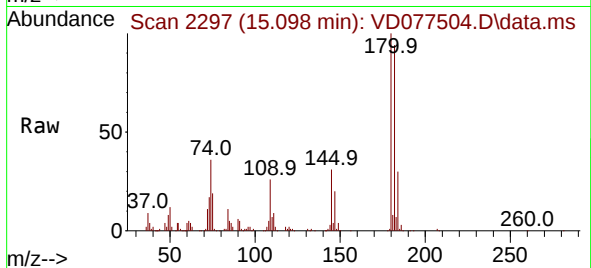
145 30.4 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#94

Hexachlorobutadiene

Concen: 48.615 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

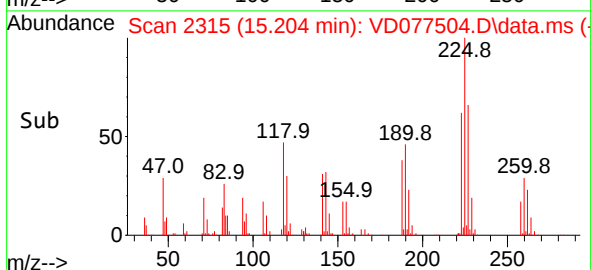
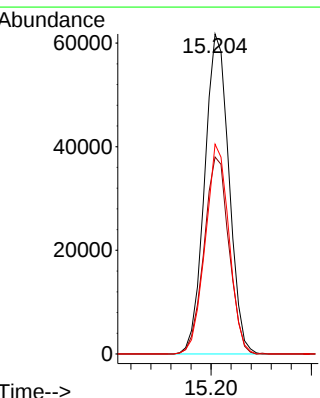
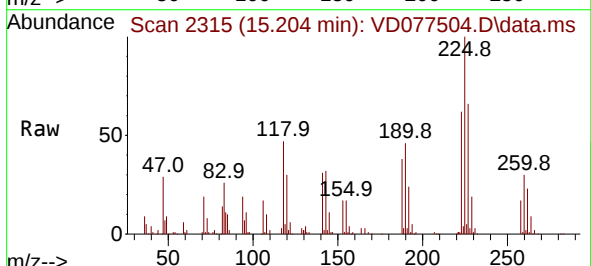
Tgt Ion:225 Resp: 104002

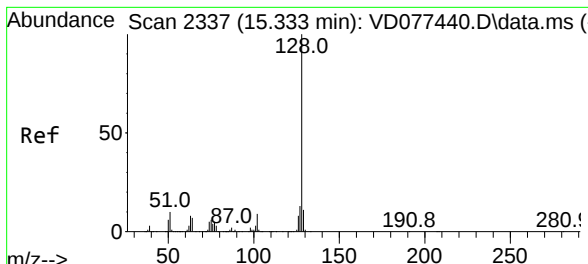
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

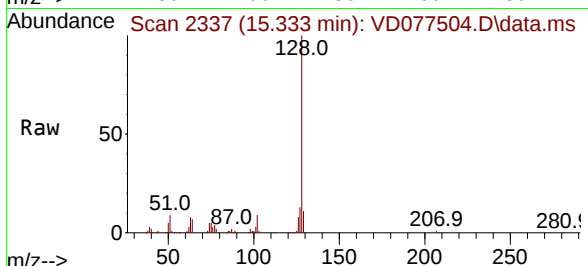
227 64.0 31.7 95.1





#95
Naphthalene
Concen: 45.900 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

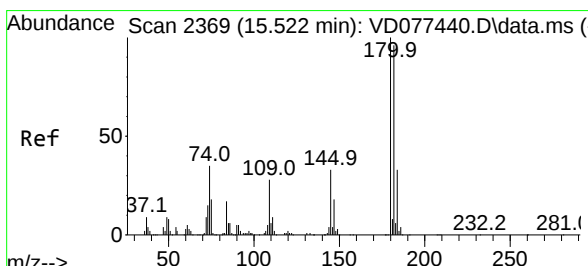
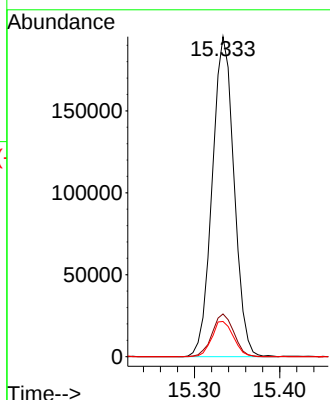
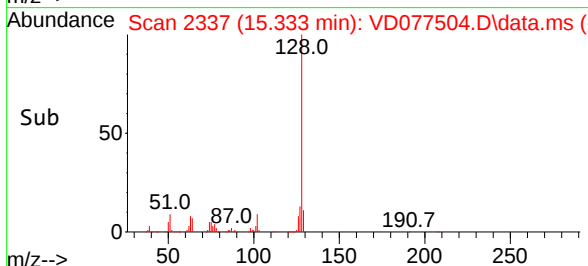
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



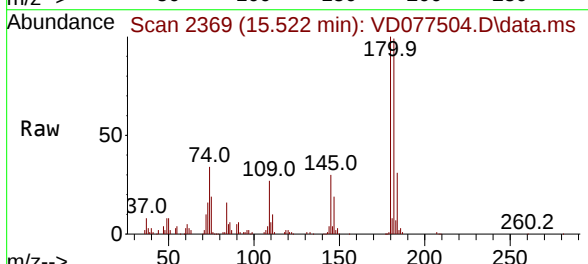
Tgt Ion:128 Resp: 347270
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.792 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46



Tgt Ion:180 Resp: 156764
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 31.4 15.1 45.3

