

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077494.D
 Acq On : 03 Nov 2023 09:15
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 05:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	251607	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	450329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	401364	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	178081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	168055	47.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.480%		
35) Dibromofluoromethane	7.805	113	144370	46.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.760%		
50) Toluene-d8	10.269	98	583753	48.285	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.575	95	184805	45.385	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	90841	44.776	ug/l	98
3) Chloromethane	2.152	50	174396	54.144	ug/l	96
4) Vinyl Chloride	2.293	62	190507	60.653	ug/l	99
5) Bromomethane	2.699	94	112378	68.279	ug/l	98
6) Chloroethane	2.846	64	131932	62.389	ug/l	99
7) Trichlorofluoromethane	3.187	101	213545	48.549	ug/l	98
8) Diethyl Ether	3.593	74	76346	48.286	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	3.981	101	124802	47.000	ug/l	95
10) Methyl Iodide	4.169	142	145758	43.876	ug/l #	89
11) Tert butyl alcohol	5.046	59	57930	205.550	ug/l	100
12) 1,1-Dichloroethene	3.946	96	121777	48.442	ug/l #	66
13) Acrolein	3.799	56	73285	197.189	ug/l	99
14) Allyl chloride	4.569	41	290853	47.960	ug/l #	83
15) Acrylonitrile	5.258	53	204761	239.568	ug/l	96
16) Acetone	4.022	43	263634	280.030	ug/l #	78
17) Carbon Disulfide	4.281	76	368085	47.659	ug/l	98
18) Methyl Acetate	4.564	43	173246	50.449	ug/l #	77
19) Methyl tert-butyl Ether	5.316	73	372731	47.236	ug/l	93
20) Methylene Chloride	4.805	84	157756	44.298	ug/l #	66
21) trans-1,2-Dichloroethene	5.316	96	144902	49.493	ug/l #	74
22) Diisopropyl ether	6.216	45	615956	47.789	ug/l #	89
23) Vinyl Acetate	6.158	43	1296608m	233.177	ug/l	
24) 1,1-Dichloroethane	6.116	63	321079	48.008	ug/l	93
25) 2-Butanone	7.081	43	305917	243.614	ug/l #	73
26) 2,2-Dichloropropane	7.081	77	272664	46.004	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	172880	47.663	ug/l	69
28) Bromochloromethane	7.428	49	140222	46.405	ug/l #	55
29) Tetrahydrofuran	7.446	42	176742	237.311	ug/l #	70
30) Chloroform	7.599	83	295642	47.344	ug/l	98
31) Cyclohexane	7.881	56	271364	48.791	ug/l #	74
32) 1,1,1-Trichloroethane	7.799	97	248413	48.282	ug/l	96
36) 1,1-Dichloropropene	8.010	75	226759	49.138	ug/l	92
37) Ethyl Acetate	7.169	43	123735	46.721	ug/l #	87
38) Carbon Tetrachloride	7.999	117	210196	48.336	ug/l	95
39) Methylcyclohexane	9.275	83	262198	49.796	ug/l #	83
40) Benzene	8.252	78	643715	48.918	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	73875	43.595	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	194957	46.776	ug/l	90
43) Isopropyl Acetate	8.357	43	250626	45.858	ug/l #	81
44) Trichloroethene	9.028	130	150477	46.683	ug/l	85
45) 1,2-Dichloropropane	9.305	63	187492	48.396	ug/l	99
46) Dibromomethane	9.393	93	84546	45.348	ug/l	88
47) Bromodichloromethane	9.587	83	225281	45.716	ug/l	99
48) Methyl methacrylate	9.381	41	120547	46.208	ug/l #	65
49) 1,4-Dioxane	9.387	88	16991	848.128	ug/l #	60
51) 4-Methyl-2-Pentanone	10.157	43	624737	232.238	ug/l #	81
52) Toluene	10.334	92	384661	47.950	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	241405	46.263	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	282168	46.991	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	112844	45.366	ug/l	92
56) Ethyl methacrylate	10.599	69	171952	46.494	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	218836	47.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	437195	236.129	ug/l #	84
59) 2-Hexanone	10.922	43	476260	240.331	ug/l	79
60) Dibromochloromethane	11.075	129	135689	45.365	ug/l	97
61) 1,2-Dibromoethane	11.181	107	105587	44.824	ug/l	100
64) Tetrachloroethene	10.810	164	114854	44.947	ug/l #	84
65) Chlorobenzene	11.610	112	389912	46.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	141608	44.565	ug/l	98
67) Ethyl Benzene	11.687	91	770352	47.615	ug/l	93
68) m/p-Xylenes	11.799	106	549976	94.136	ug/l	79
69) o-Xylene	12.122	106	263779	47.136	ug/l	82
70) Styrene	12.134	104	451614	46.780	ug/l #	91
71) Bromoform	12.298	173	75268	42.727	ug/l #	98
73) Isopropylbenzene	12.422	105	701317	48.303	ug/l	94
74) N-amyl acetate	12.234	43	229139	44.556	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	134121	47.125	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	103746m	47.866	ug/l	
77) Bromobenzene	12.704	156	147261	46.079	ug/l	71
78) n-propylbenzene	12.763	91	882895	47.891	ug/l	93
79) 2-Chlorotoluene	12.851	91	483726	46.342	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	576209	47.297	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	52864	47.113	ug/l	87
82) 4-Chlorotoluene	12.951	91	499464	45.937	ug/l	89
83) tert-Butylbenzene	13.169	119	486686	47.515	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	579837	47.913	ug/l	92
85) sec-Butylbenzene	13.345	105	760570	48.530	ug/l	93
86) p-Isopropyltoluene	13.463	119	614300	48.223	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	295074	46.972	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	291572	46.455	ug/l	96
89) n-Butylbenzene	13.787	91	632197	47.748	ug/l	97
90) Hexachloroethane	14.057	117	119771	45.946	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	256799	46.515	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20741	43.259	ug/l	84
93) 1,2,4-Trichlorobenzene	15.104	180	171536	45.228	ug/l	97
94) Hexachlorobutadiene	15.204	225	89437	43.718	ug/l	99
95) Naphthalene	15.334	128	330779	45.719	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	144529	44.147	ug/l	98

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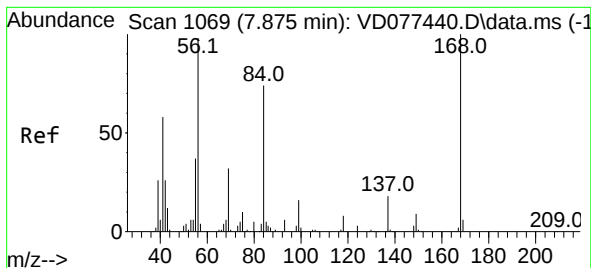
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/06/2023

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



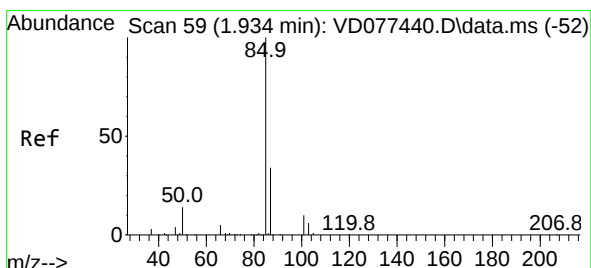
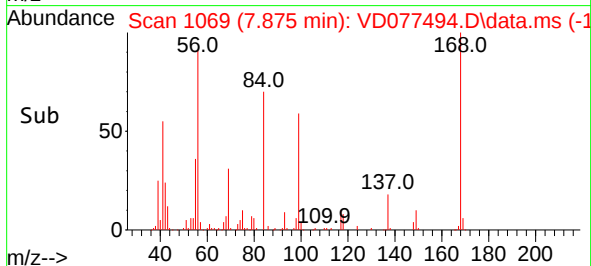
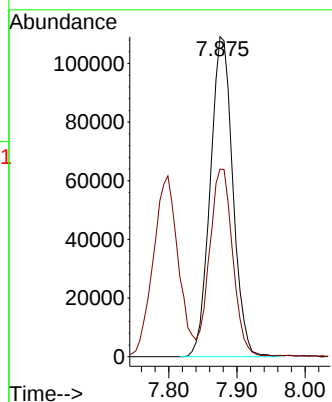
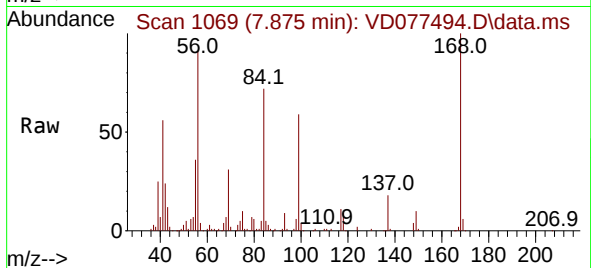
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077494.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 251607
Ion Ratio Lower Upper
168 100
99 58.1 36.7 55.1

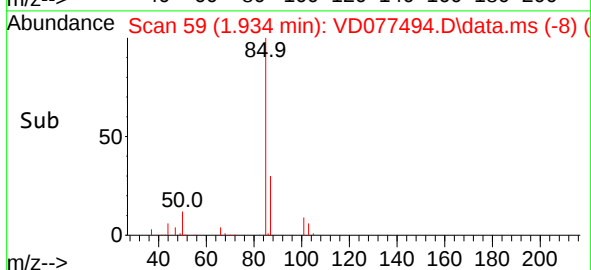
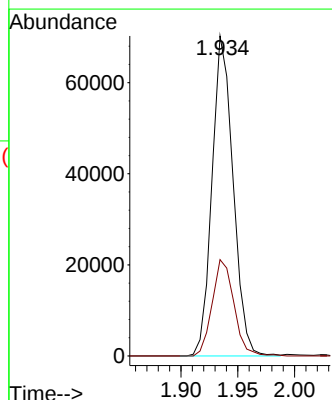
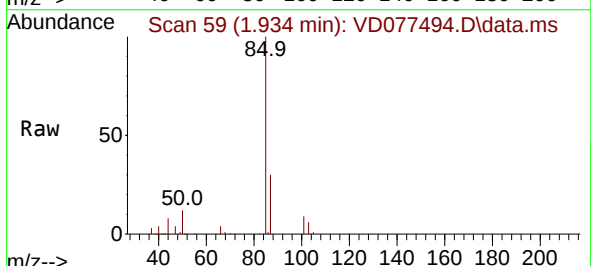
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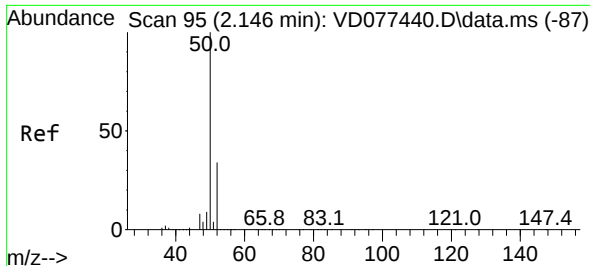
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 44.776 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 85 Resp: 90841
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0





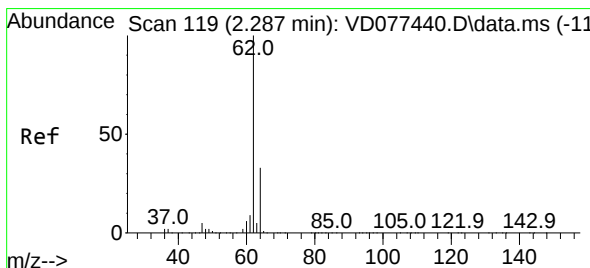
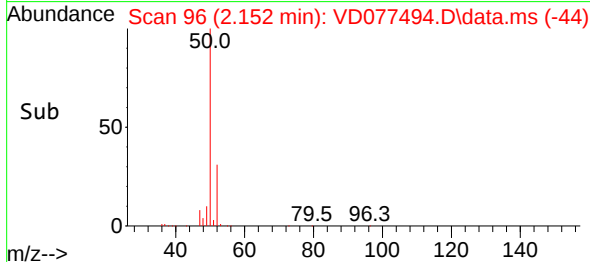
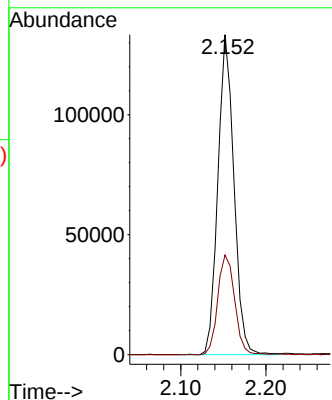
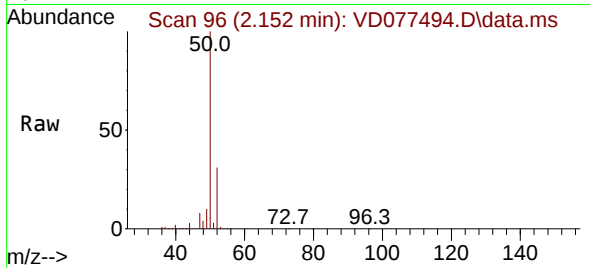
#3
Chloromethane
Concen: 54.144 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 174390
Ion Ratio Lower Upper
50 100
52 31.2 26.6 40.0

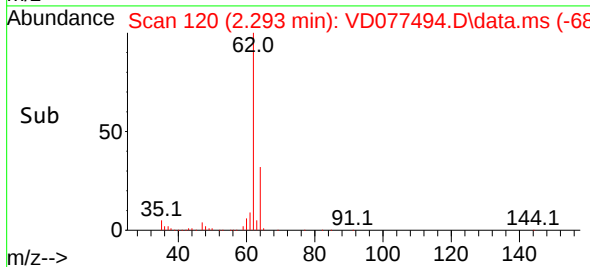
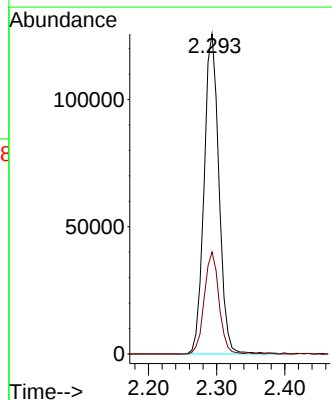
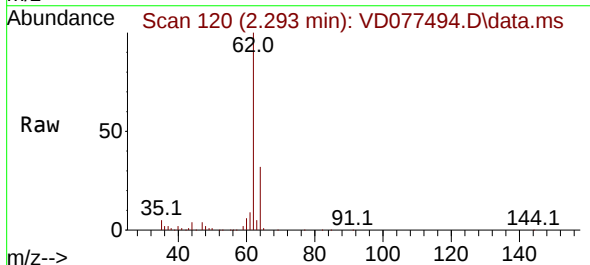
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#4
Vinyl Chloride
Concen: 60.653 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

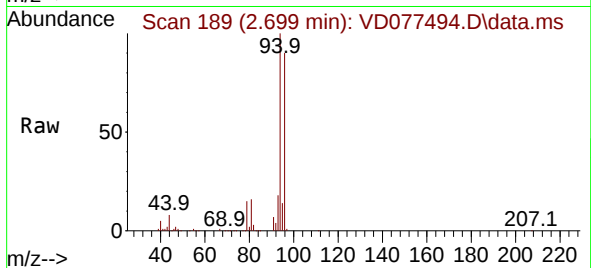
Tgt Ion: 62 Resp: 190507
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 68.279 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

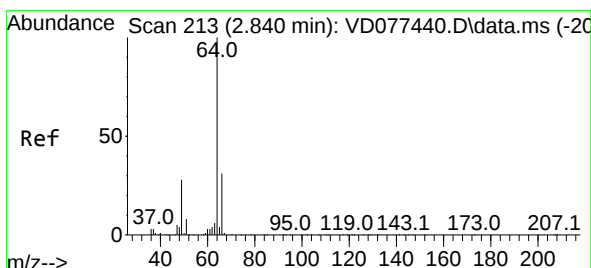
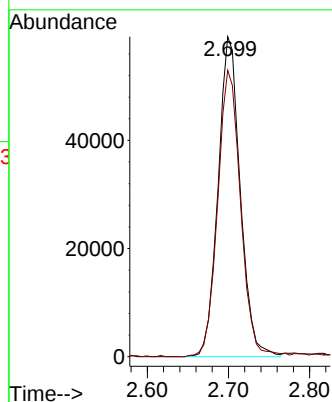
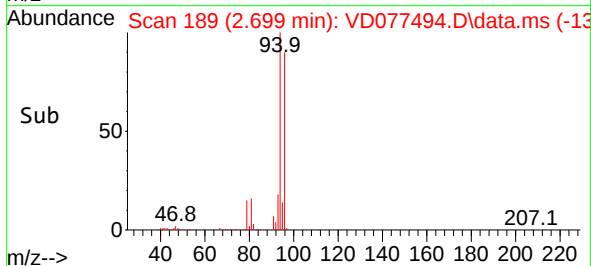
Instrument :
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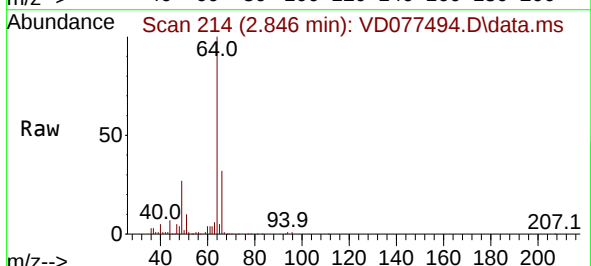
Tgt Ion: 94 Resp: 112378
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8

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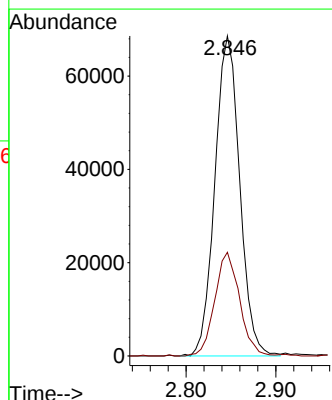
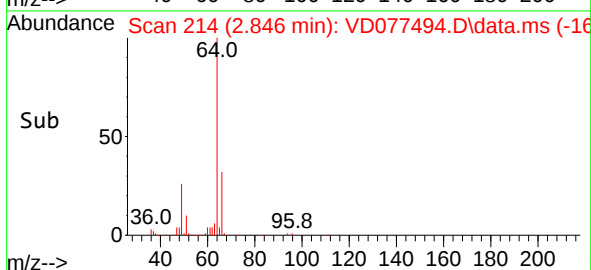
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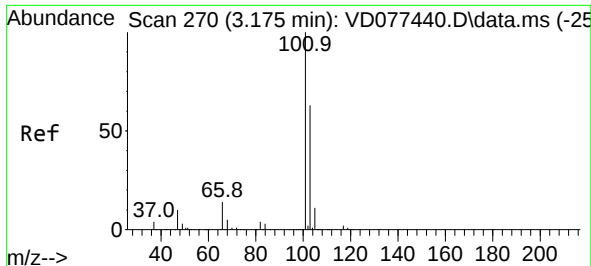


#6
Chloroethane
Concen: 62.389 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



Tgt Ion: 64 Resp: 131932
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3





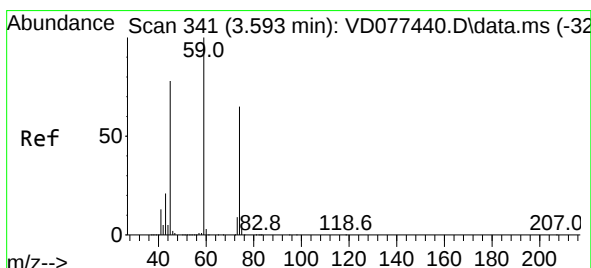
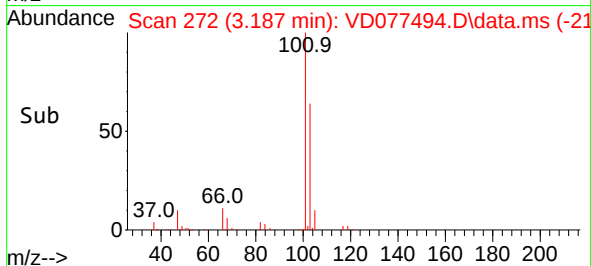
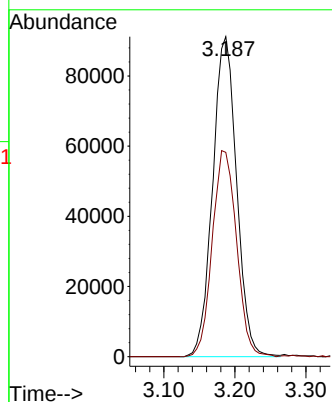
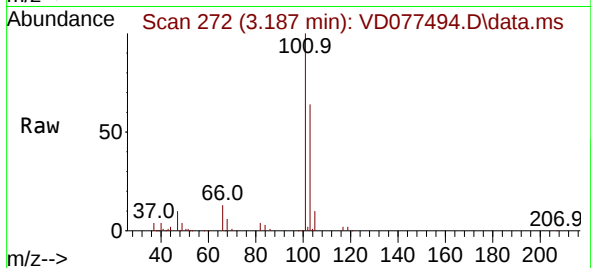
#7
Trichlorofluoromethane
Concen: 48.549 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 21354
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

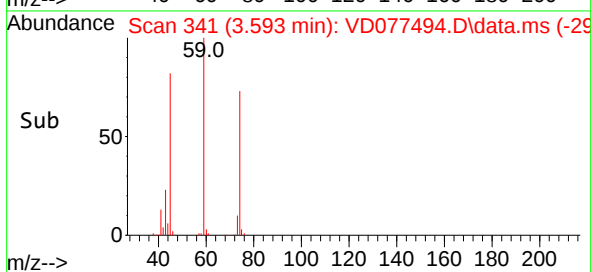
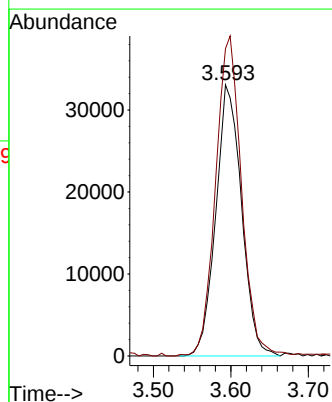
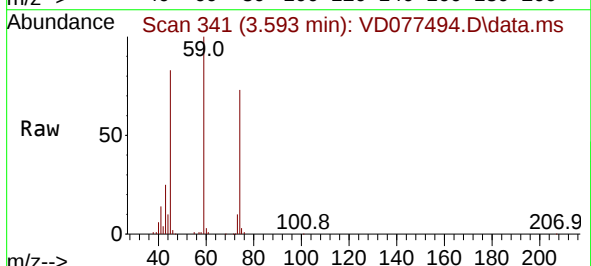
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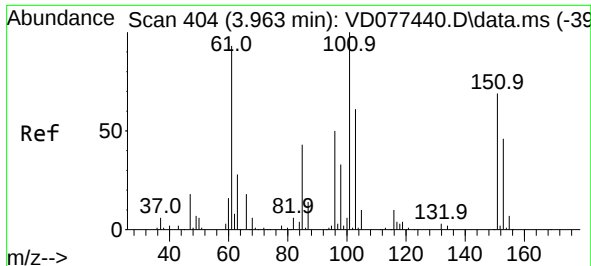
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#8
Diethyl Ether
Concen: 48.286 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 74 Resp: 76346
Ion Ratio Lower Upper
74 100
45 118.4 37.5 112.7#





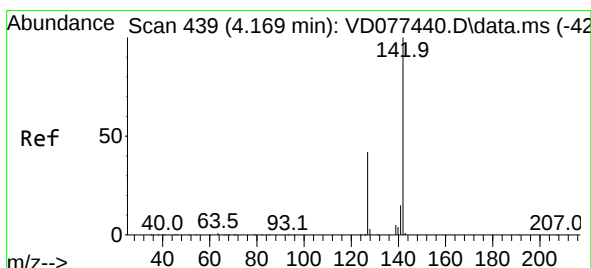
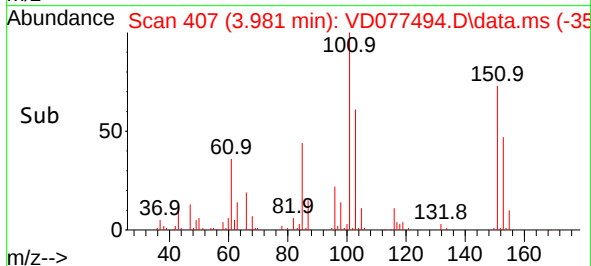
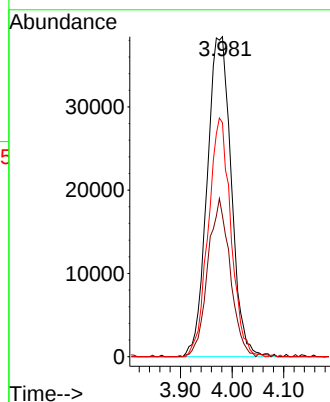
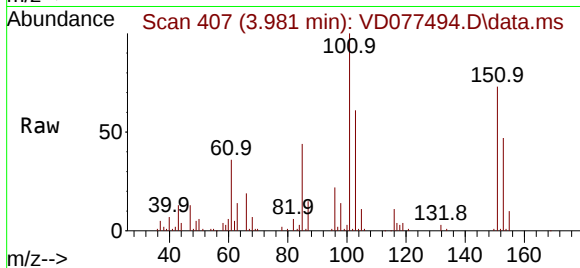
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1,1,2-Trichlorotrifluoroethane
Concen: 47.000 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12480
Ion Ratio Lower Upper
101 100
85 45.7 33.8 50.6
151 70.1 59.8 89.6

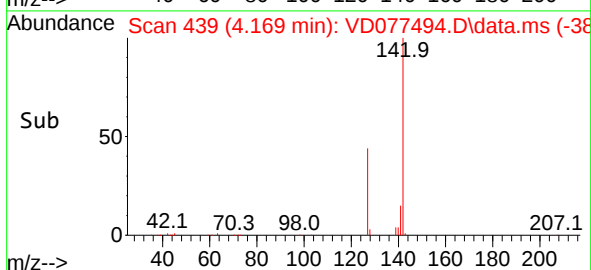
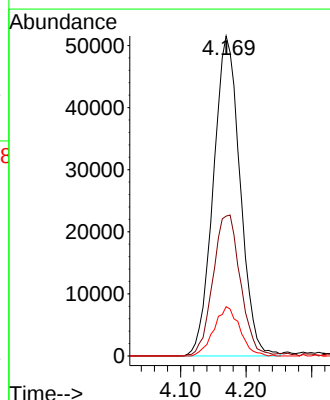
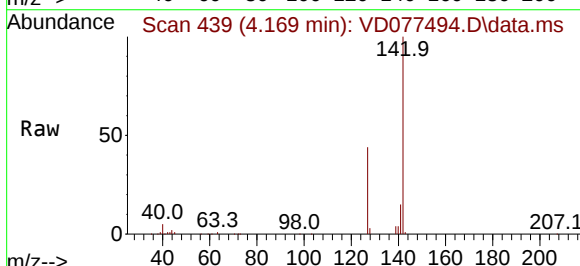
Manual Integrations
APPROVED

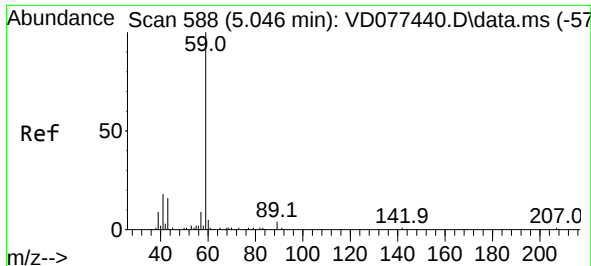
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 43.876 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

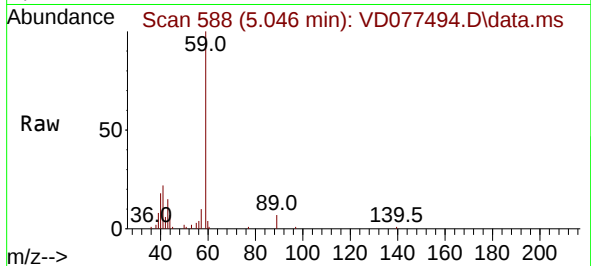
Tgt Ion:142 Resp: 145758
Ion Ratio Lower Upper
142 100
127 45.3 29.4 44.0#
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 205.550 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

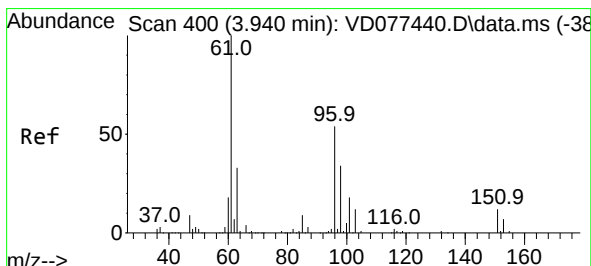
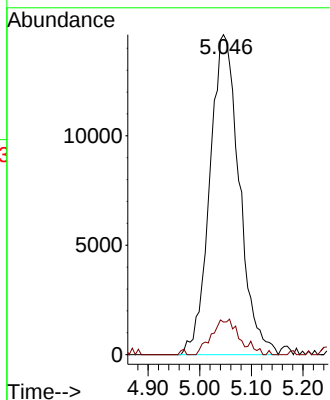
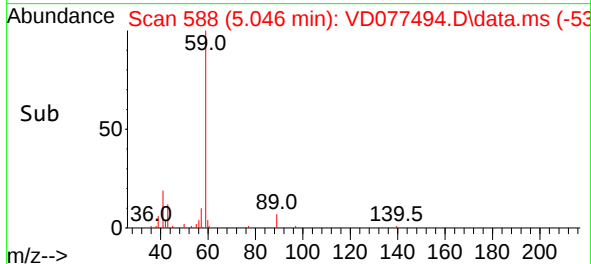
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



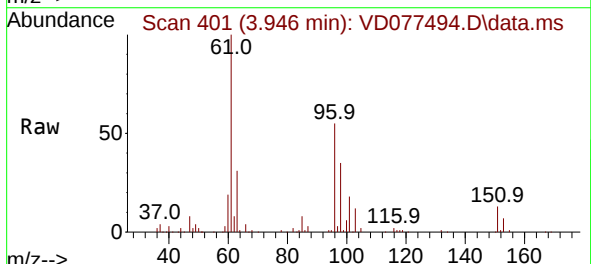
Tgt Ion: 59 Resp: 57930
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

Manual Integrations
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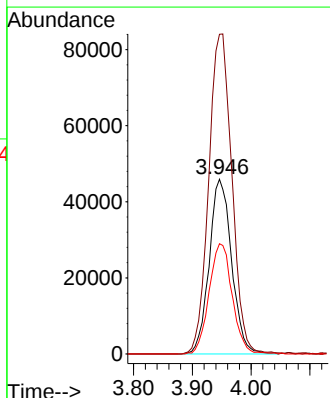
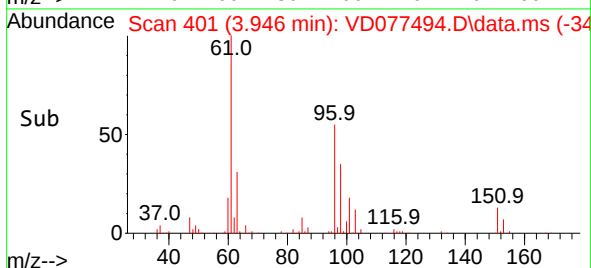
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

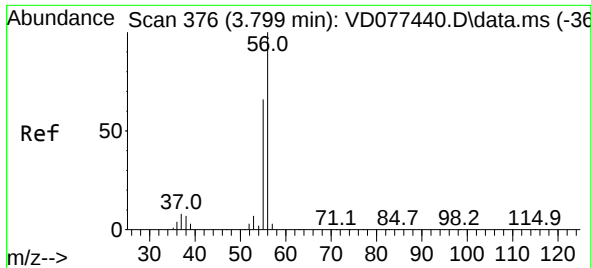


#12
1,1-Dichloroethene
Concen: 48.442 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



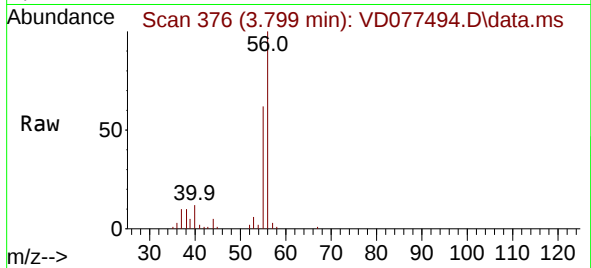
Tgt Ion: 96 Resp: 121777
Ion Ratio Lower Upper
96 100
61 183.0 100.6 150.8#
98 63.2 50.2 75.2





#13
Acrolein
Concen: 197.189 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

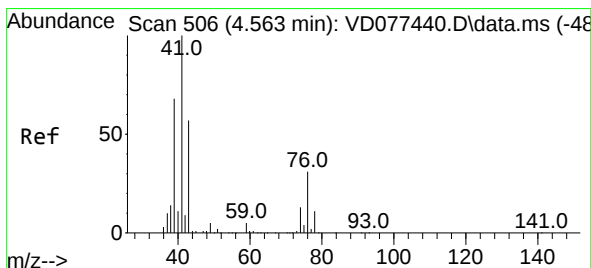
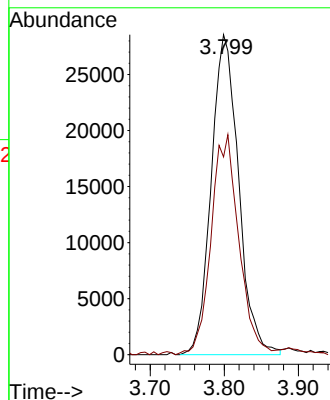
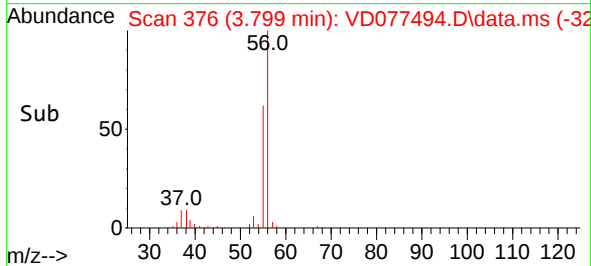
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7328
Ion Ratio Lower Upper
56 100
55 69.6 55.1 82.7

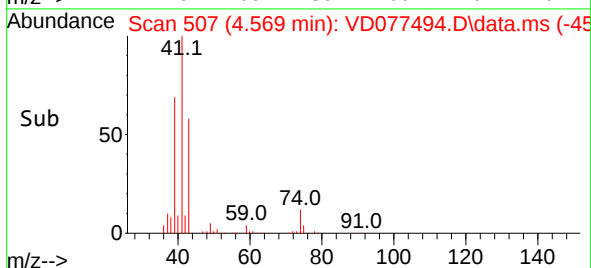
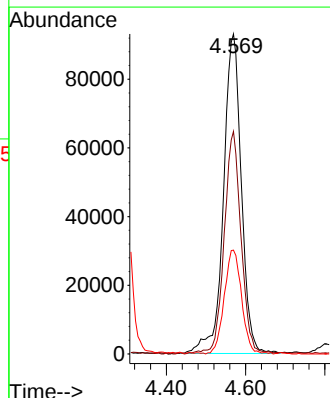
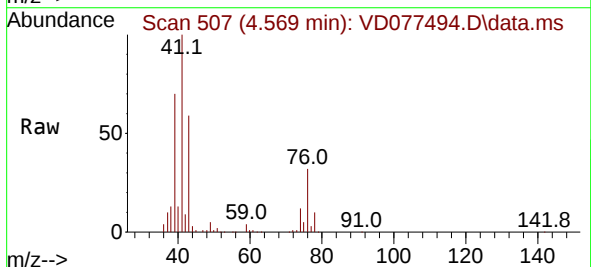
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#14
Allyl chloride
Concen: 47.960 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

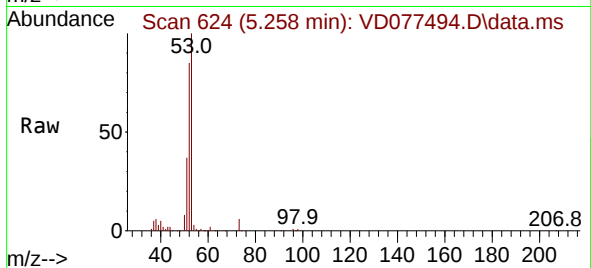
Tgt Ion: 41 Resp: 290853
Ion Ratio Lower Upper
41 100
39 65.9 53.8 80.6
76 31.6 45.8 68.8#





#15
Acrylonitrile
Concen: 239.568 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

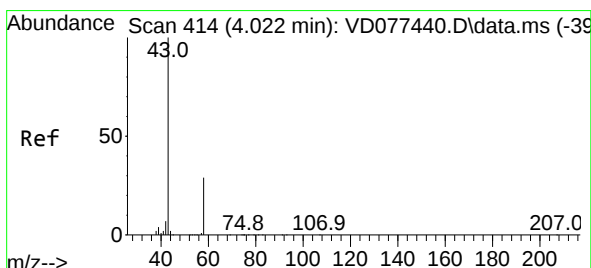
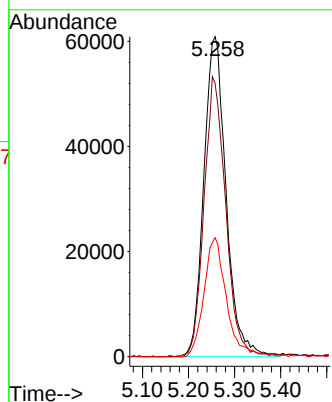
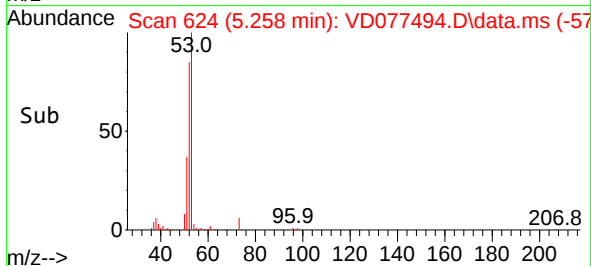
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 20476
Ion Ratio Lower Upper
53 100
52 84.5 65.0 97.4
51 37.5 28.3 42.5

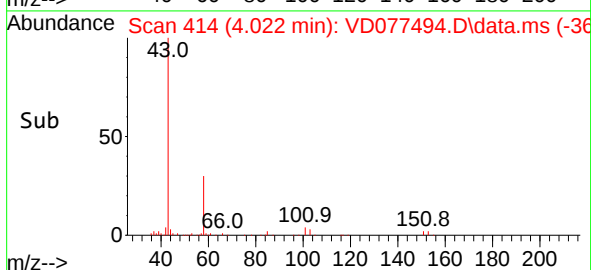
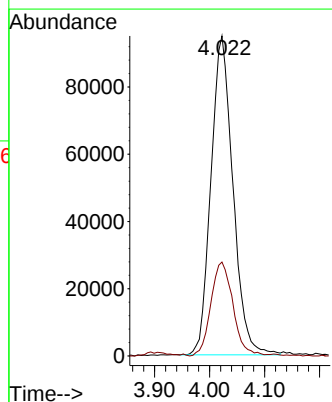
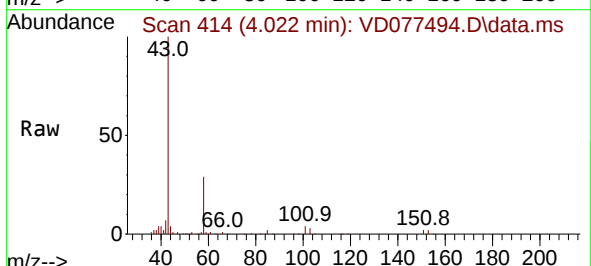
Manual Integrations
APPROVED

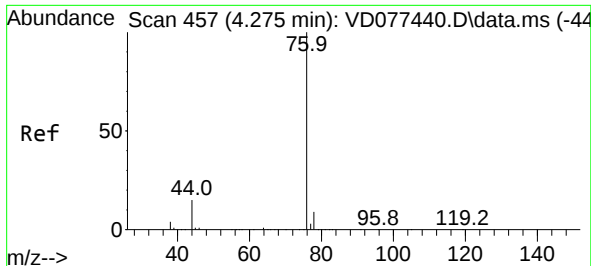
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 280.030 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 43 Resp: 263634
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#





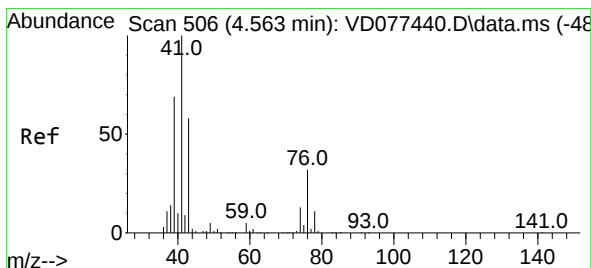
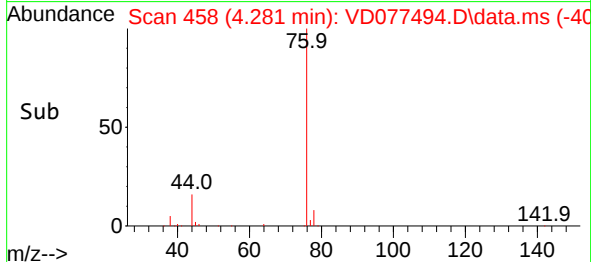
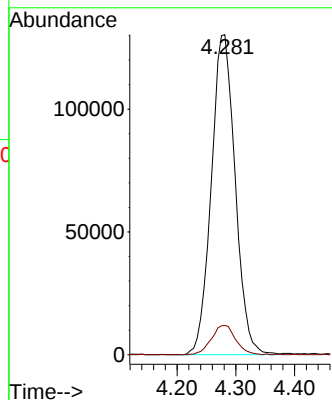
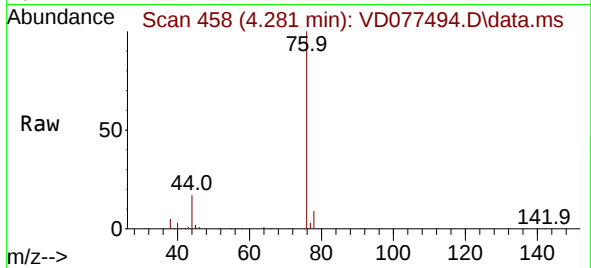
#17
Carbon Disulfide
Concen: 47.659 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 36808
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

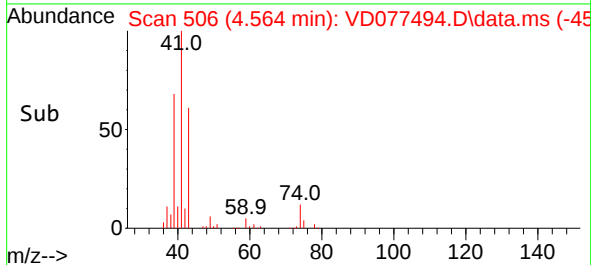
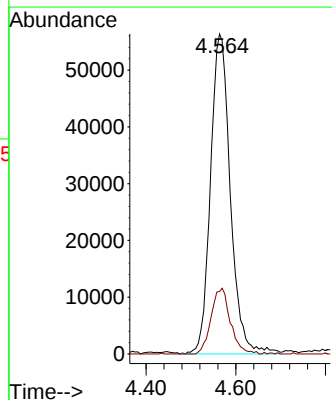
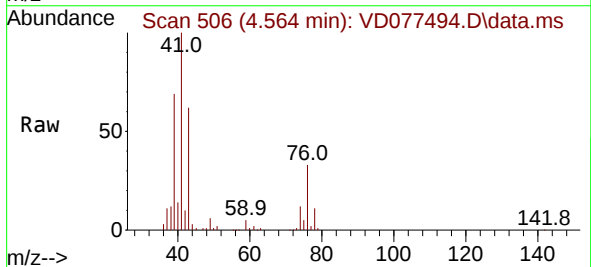
Manual Integrations
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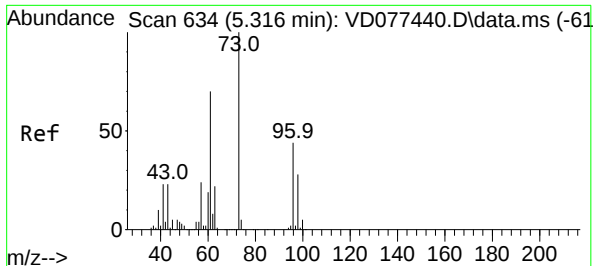
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 50.449 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 43 Resp: 173246
Ion Ratio Lower Upper
43 100
74 19.9 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 47.236 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 37273

Ion Ratio Lower Upper

73 100

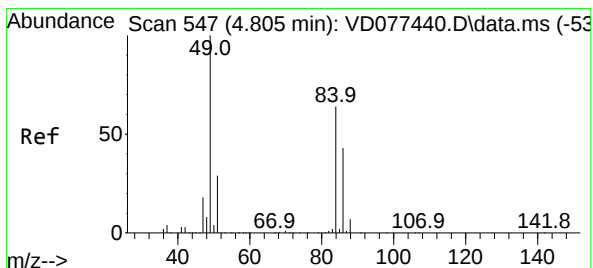
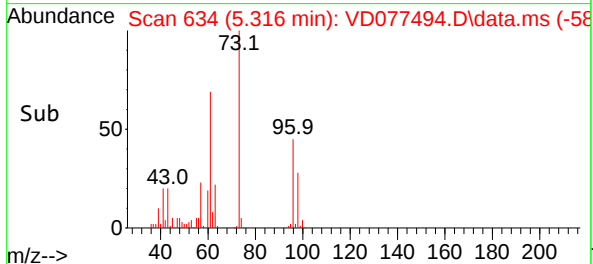
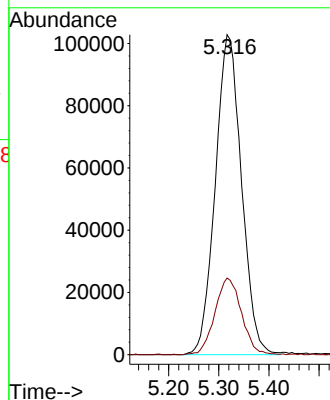
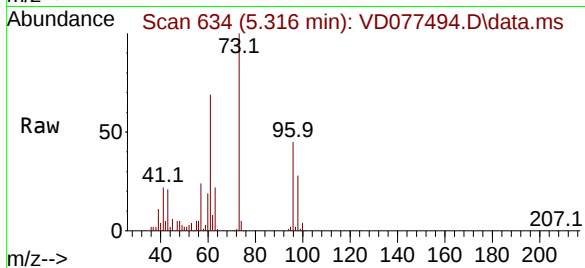
57 23.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#20

Methylene Chloride

Concen: 44.298 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Tgt Ion: 84 Resp: 157756

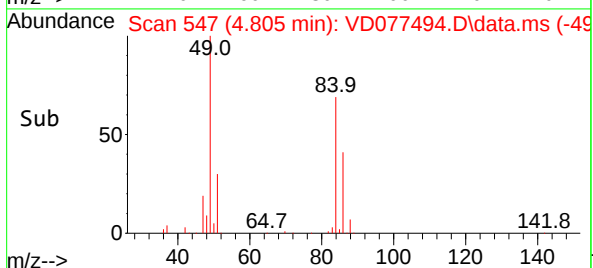
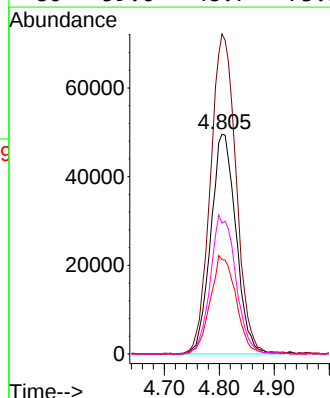
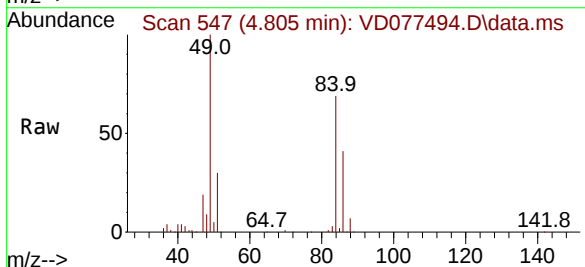
Ion Ratio Lower Upper

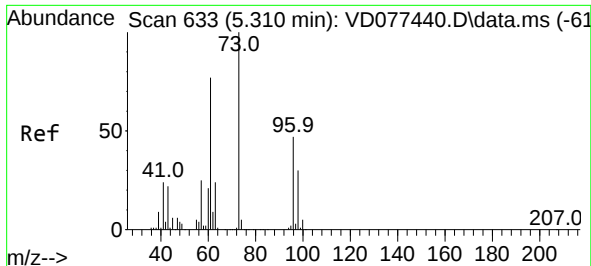
84 100

49 145.4 71.4 107.2#

51 43.0 24.5 36.7#

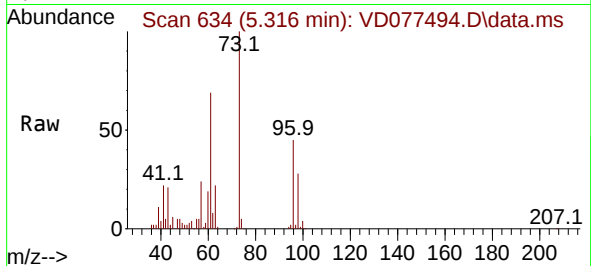
86 59.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 49.493 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

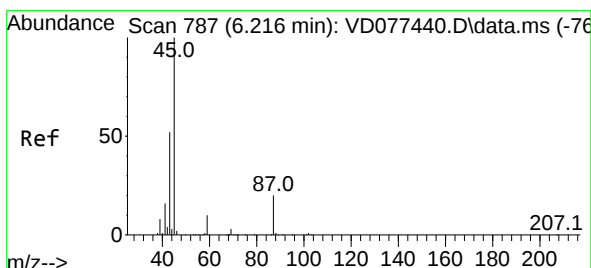
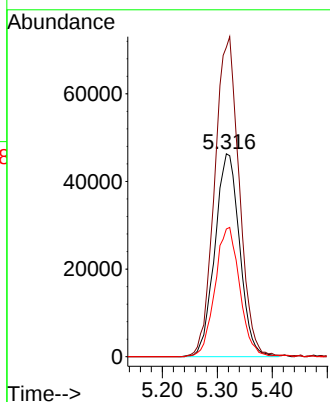
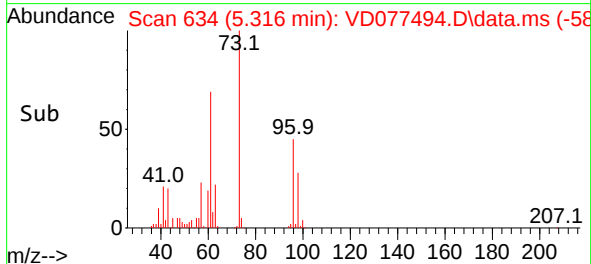
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 144902
Ion Ratio Lower Upper
96 100
61 152.5 89.3 133.9#
98 62.9 48.6 73.0

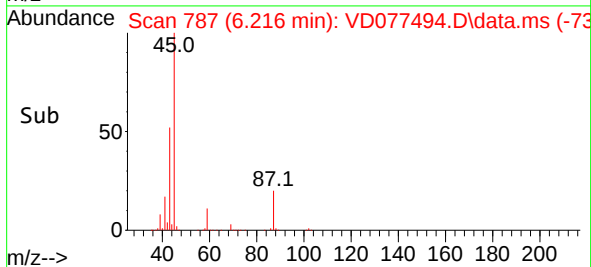
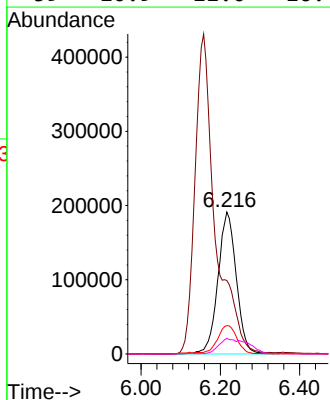
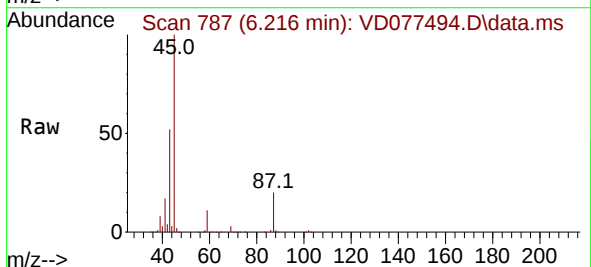
Manual Integrations
APPROVED

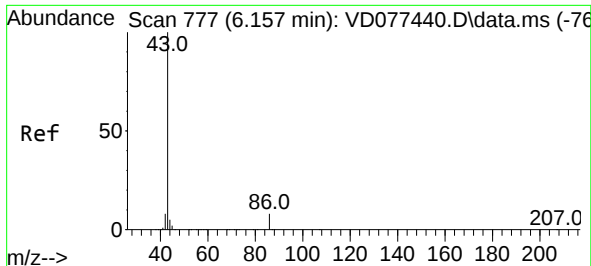
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 47.789 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

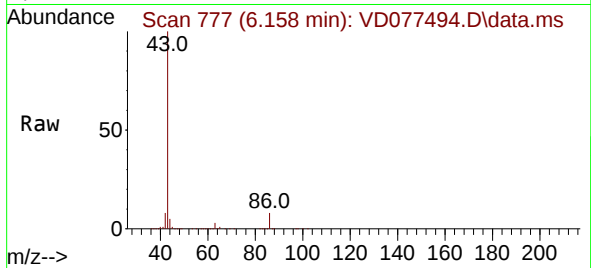
Tgt Ion: 45 Resp: 615956
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 19.9 28.2 42.4#
59 10.9 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 233.177 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077494.D
 Acq: 03 Nov 2023 09:15

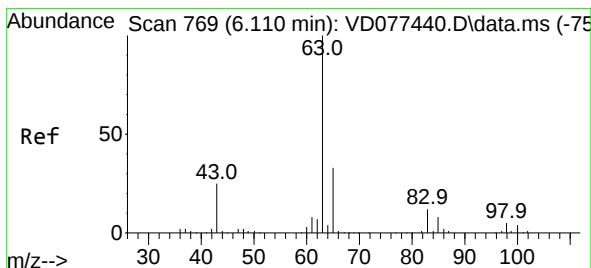
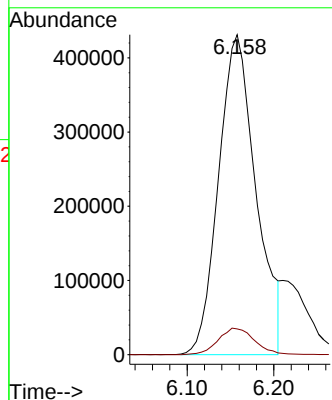
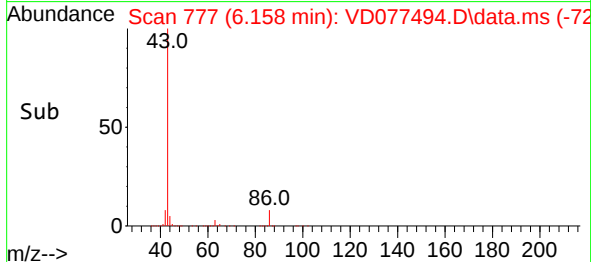
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



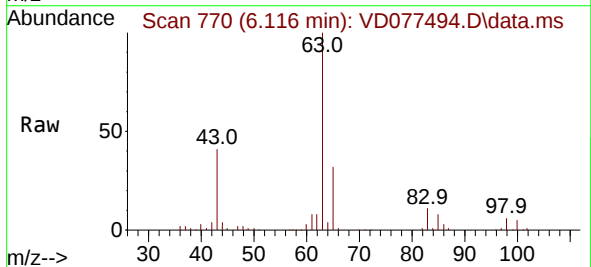
Tgt Ion: 43 Resp: 1296608
 Ion Ratio Lower Upper
 43 100
 86 8.1 12.5 18.7

Manual Integrations
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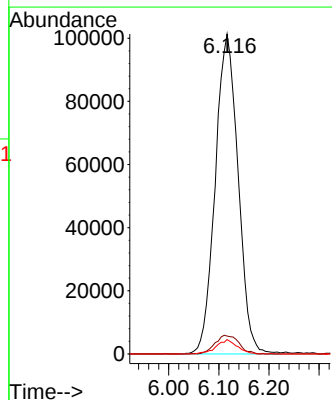
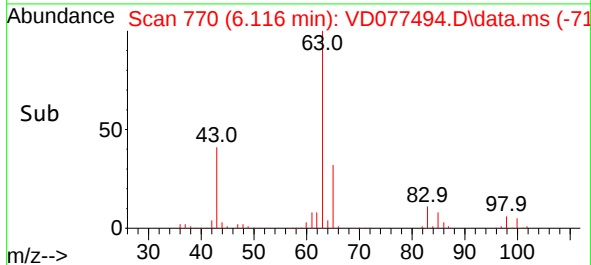
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

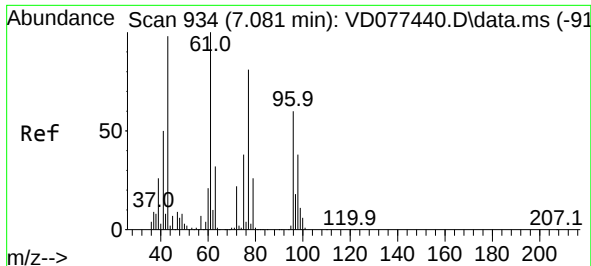


#24
 1,1-Dichloroethane
 Concen: 48.008 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077494.D
 Acq: 03 Nov 2023 09:15



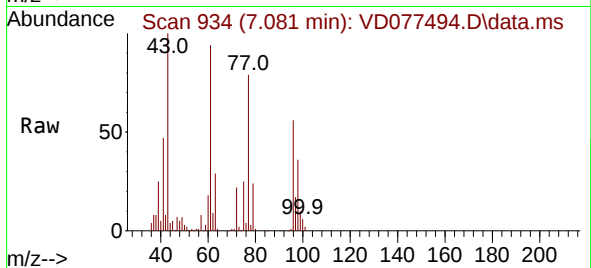
Tgt Ion: 63 Resp: 321079
 Ion Ratio Lower Upper
 63 100
 98 5.6 4.5 13.7
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 243.614 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

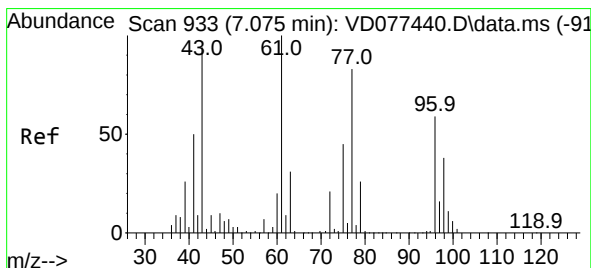
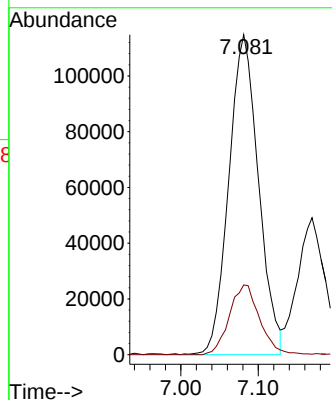
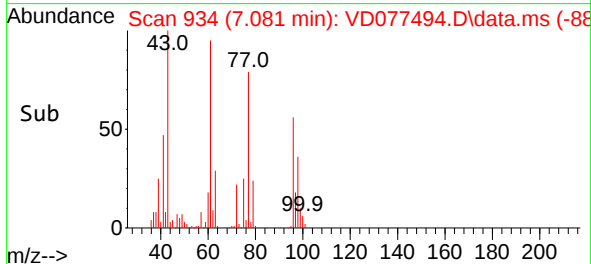
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 30591
Ion Ratio Lower Upper
43 100
72 21.8 30.7 46.1

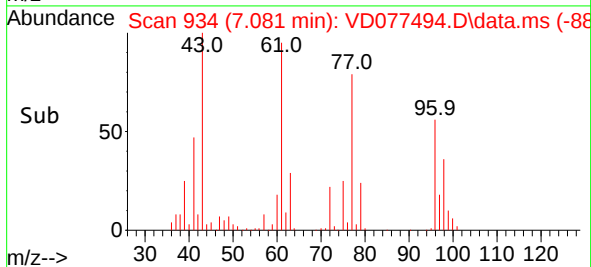
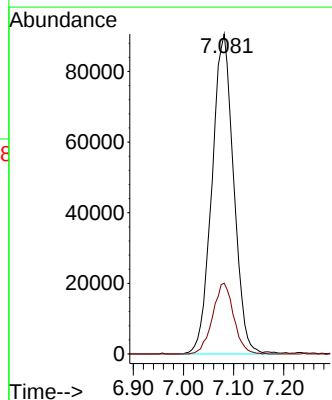
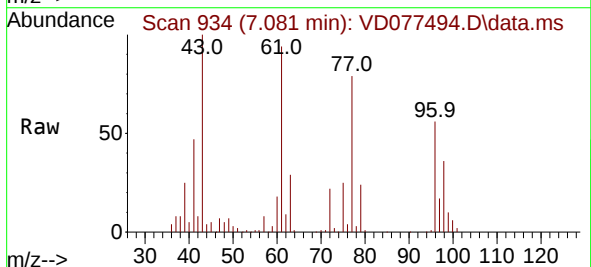
Manual Integrations
APPROVED

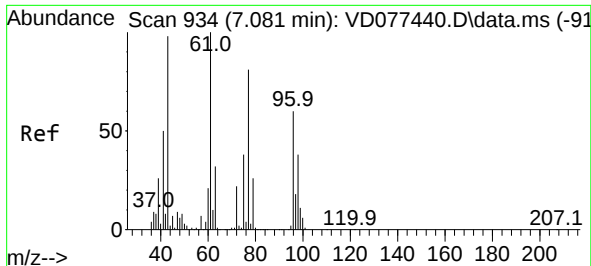
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 46.004 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

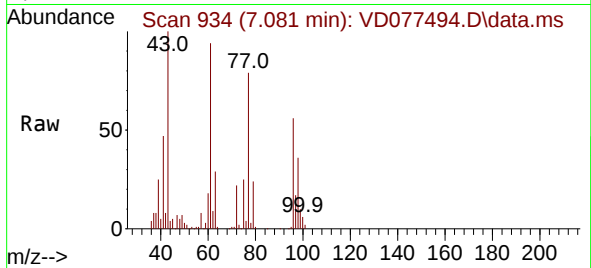
Tgt Ion: 77 Resp: 272664
Ion Ratio Lower Upper
77 100
97 21.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.663 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077494.D
 Acq: 03 Nov 2023 09:15

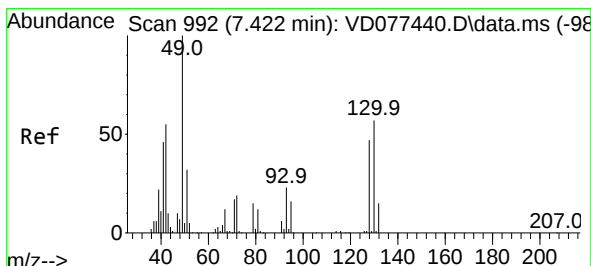
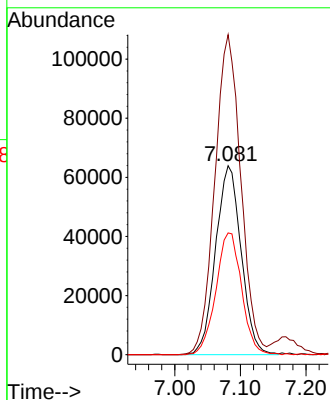
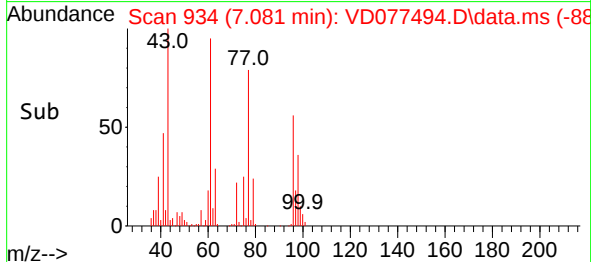
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 172880
 Ion Ratio Lower Upper
 96 100
 61 172.6 0.0 239.2
 98 64.7 0.0 128.6

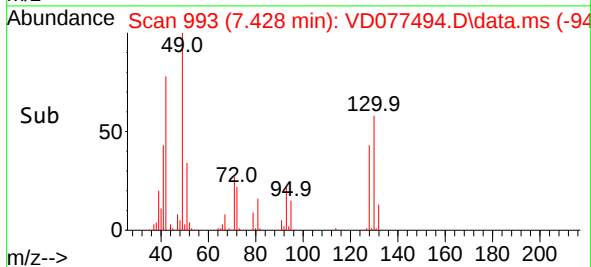
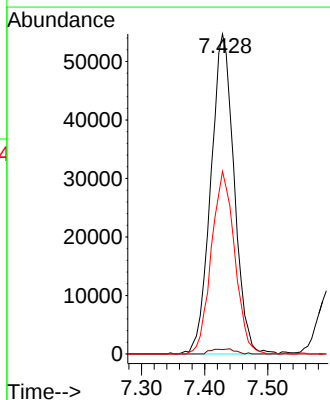
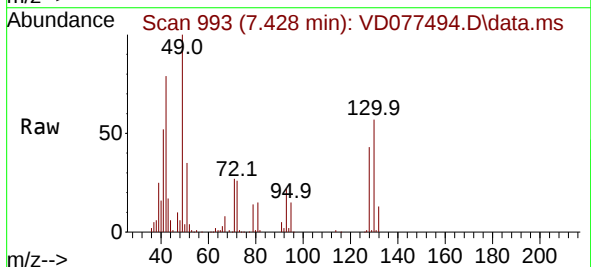
Manual Integrations
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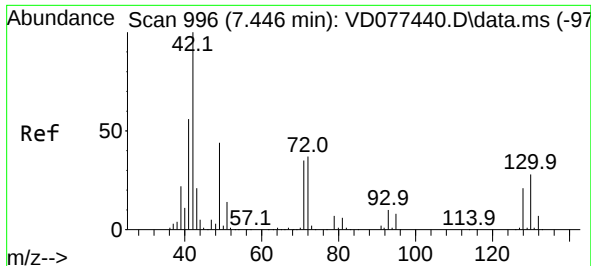
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 46.405 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077494.D
 Acq: 03 Nov 2023 09:15

Tgt Ion: 49 Resp: 140222
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 57.1 83.2 124.8#





#29

Tetrahydrofuran

Concen: 237.311 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 176742

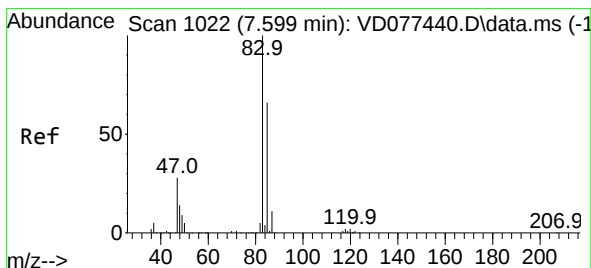
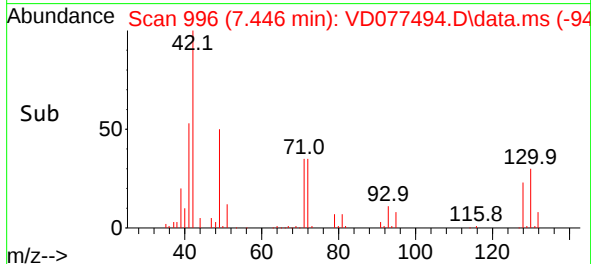
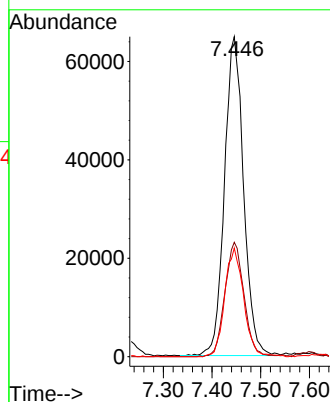
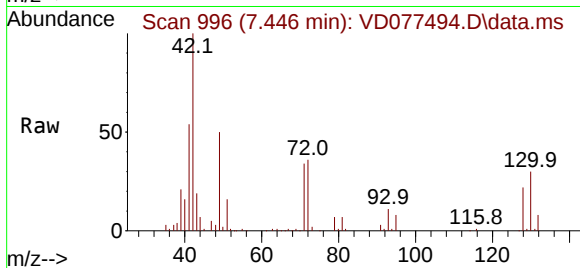
Ion	Ratio	Lower	Upper
42	100		
72	35.9	46.5	69.7
71	33.9	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 47.344 ug/l

RT: 7.599 min Scan# 1022

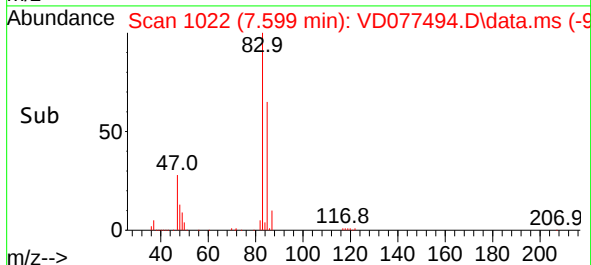
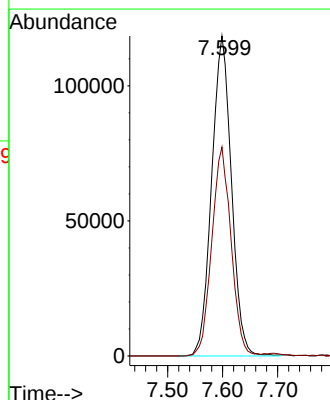
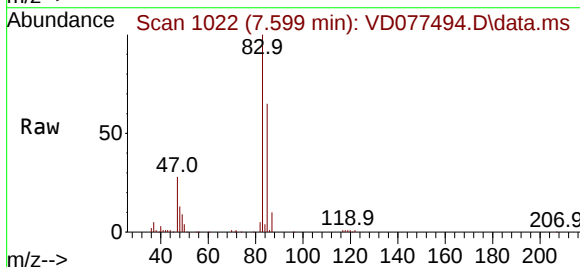
Delta R.T. 0.000 min

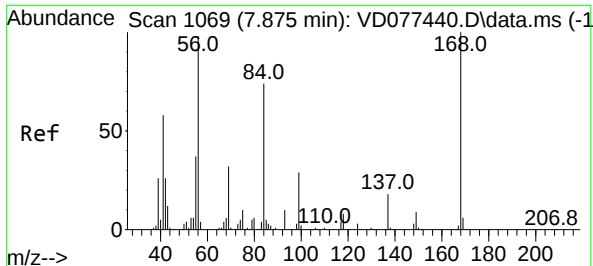
Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Tgt Ion: 83 Resp: 295642

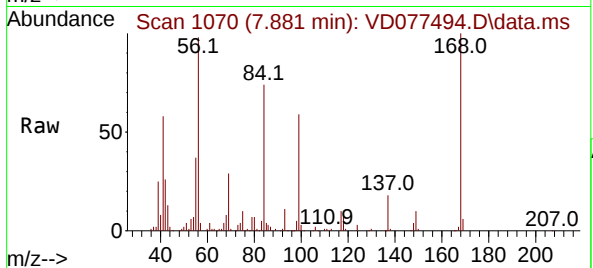
Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.4	80.2





#31
Cyclohexane
Concen: 48.791 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

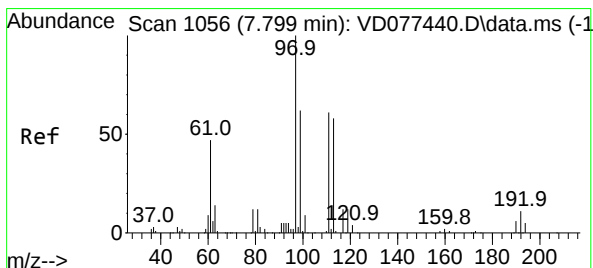
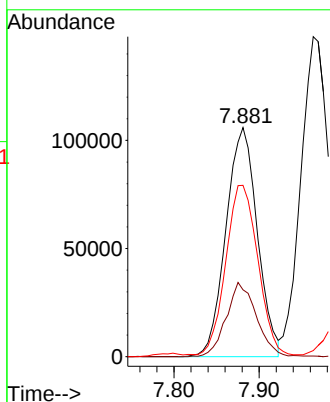
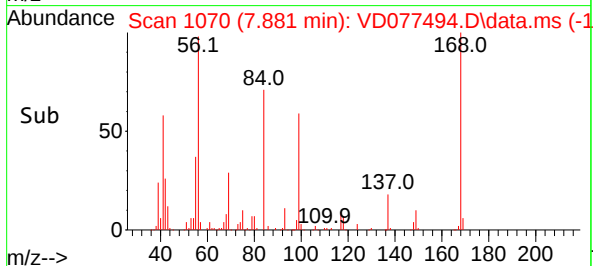
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 271364
Ion Ratio Lower Upper
56 100
69 29.2 28.6 43.0
84 73.7 84.8 127.2

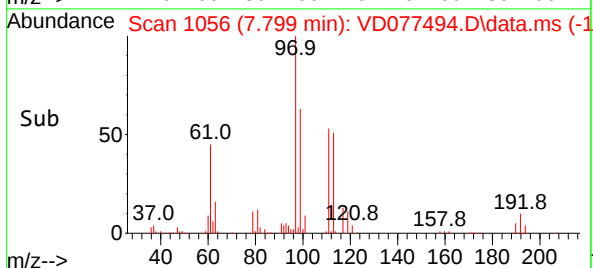
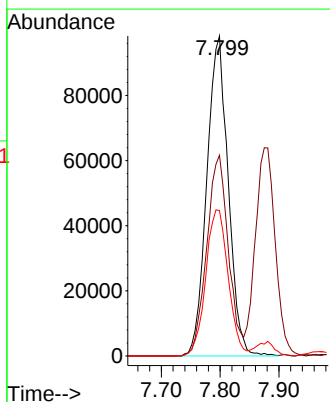
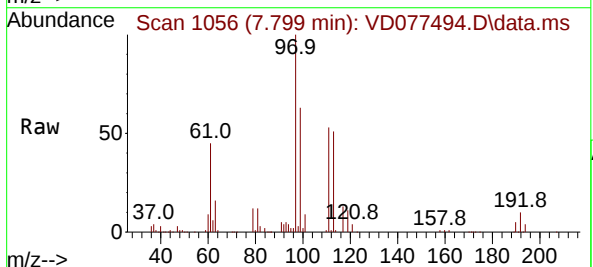
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APPROVED

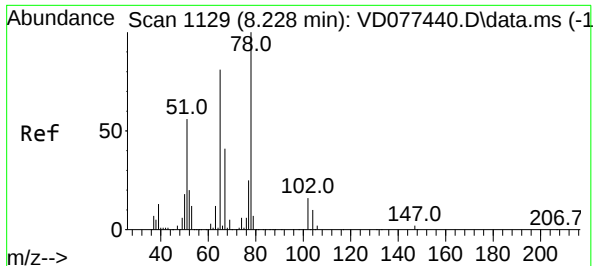
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#32
1,1,1-Trichloroethane
Concen: 48.282 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 97 Resp: 248413
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 48.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.235 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16805

Ion Ratio Lower Upper

65 100

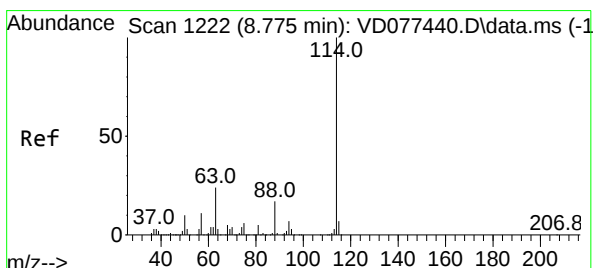
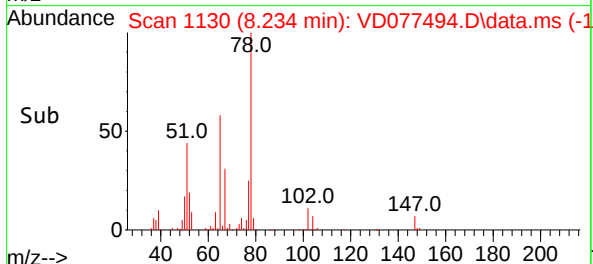
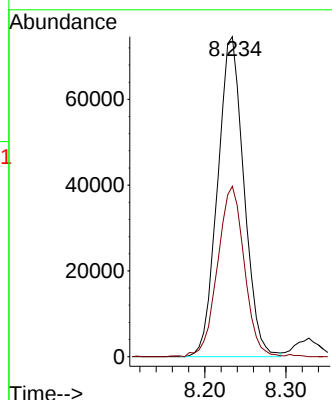
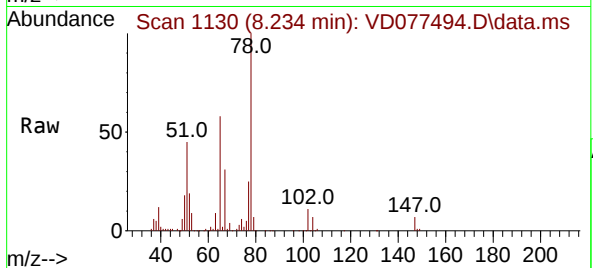
67 54.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

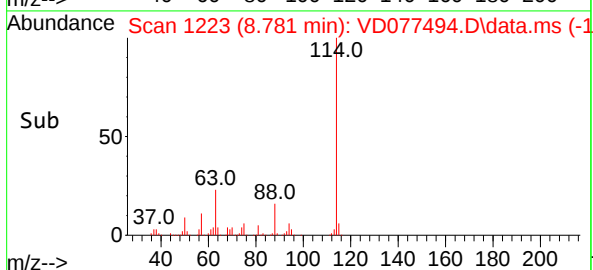
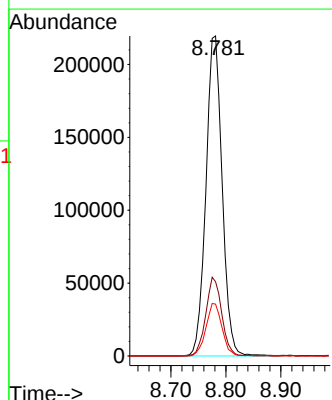
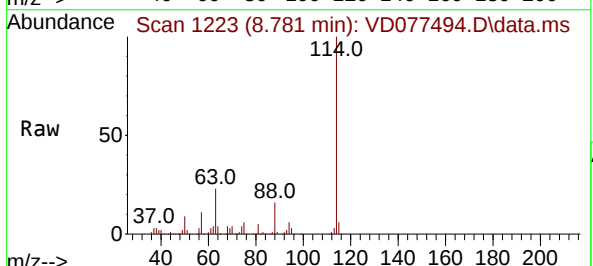
Tgt Ion:114 Resp: 450329

Ion Ratio Lower Upper

114 100

63 23.2 0.0 33.4

88 16.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.384 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 144370

Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

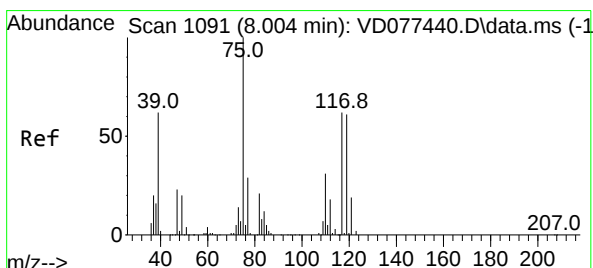
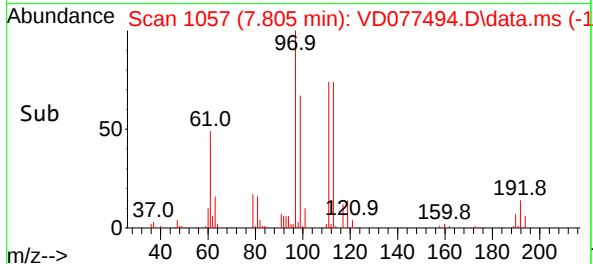
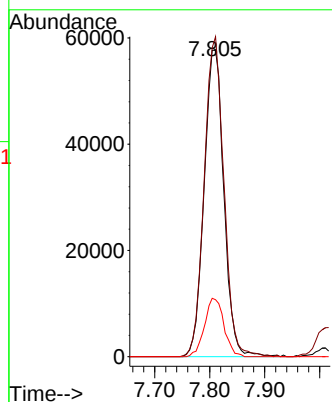
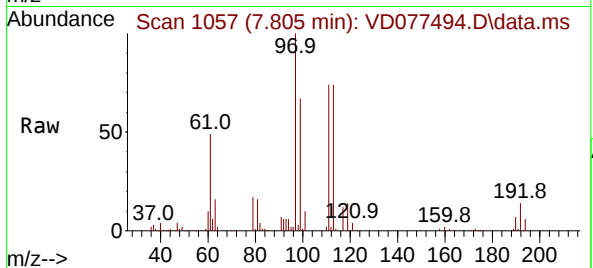
192 18.7 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 49.138 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

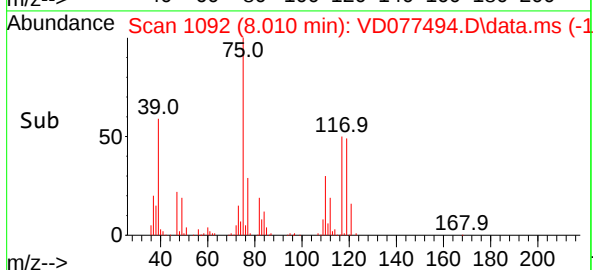
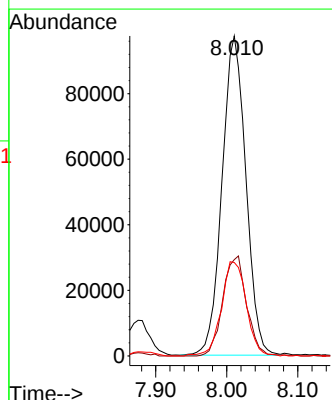
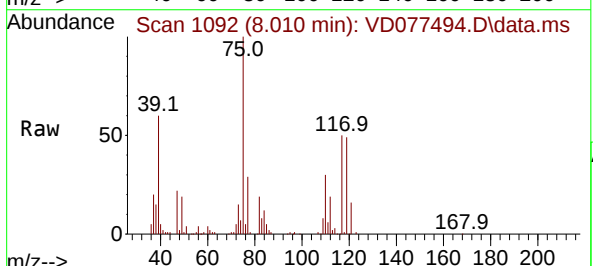
Tgt Ion: 75 Resp: 226759

Ion Ratio Lower Upper

75 100

110 31.4 19.9 59.6

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 46.721 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077494.D

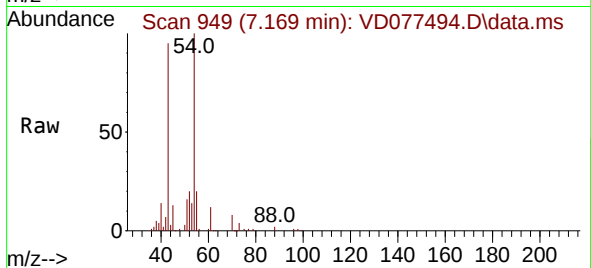
Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 12373

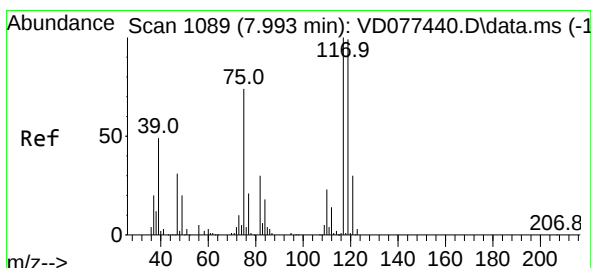
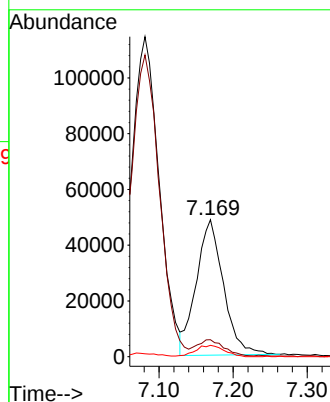
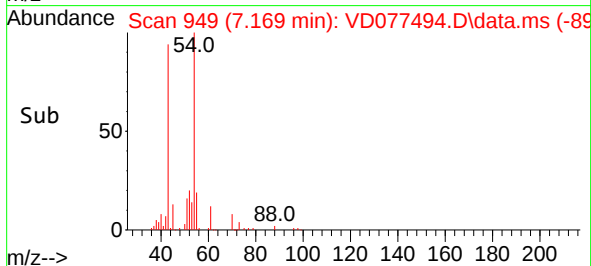
Ion	Ratio	Lower	Upper
43	100		
61	11.8	14.9	22.3
70	8.8	10.0	15.0

Manual Integrations

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Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#38

Carbon Tetrachloride

Concen: 48.336 ug/l

RT: 7.999 min Scan# 1090

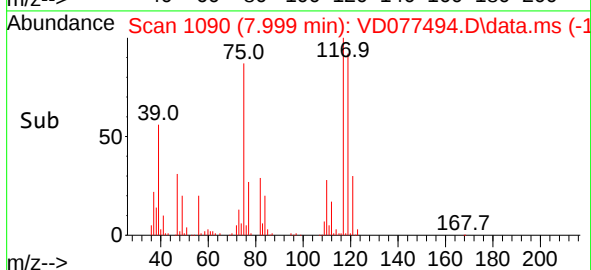
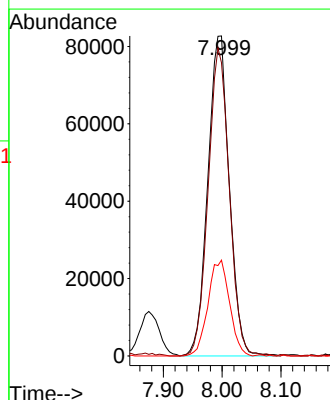
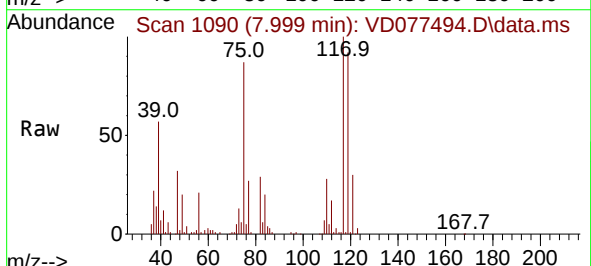
Delta R.T. 0.006 min

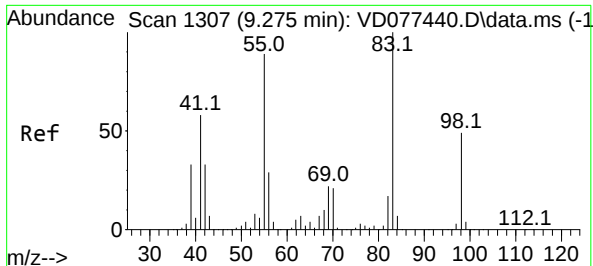
Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Tgt Ion: 117 Resp: 210196

Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.0	117.0
121	30.0	24.2	36.2





#39

Methylcyclohexane

Concen: 49.796 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 262198

Ion Ratio Lower Upper

83 100

55 80.4 49.4 74.0

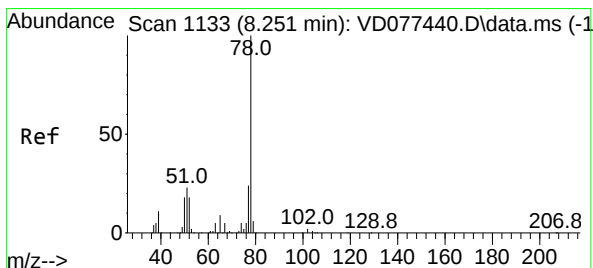
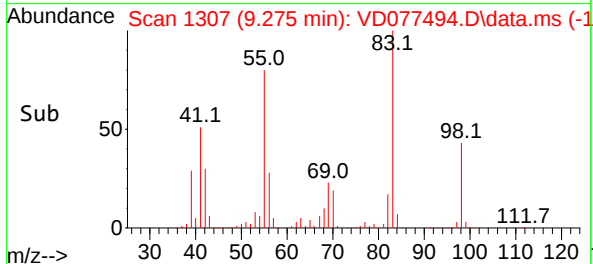
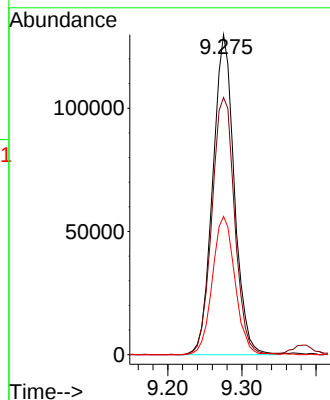
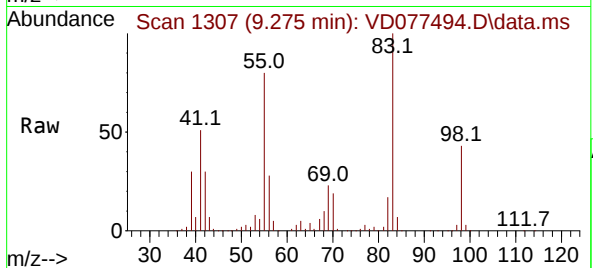
98 43.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 48.918 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077494.D

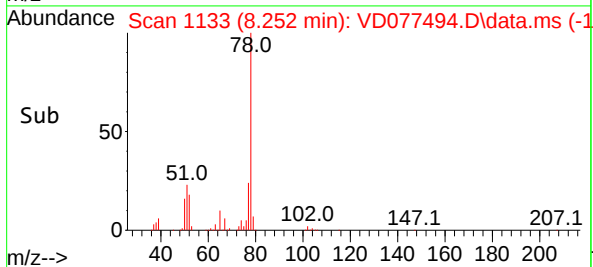
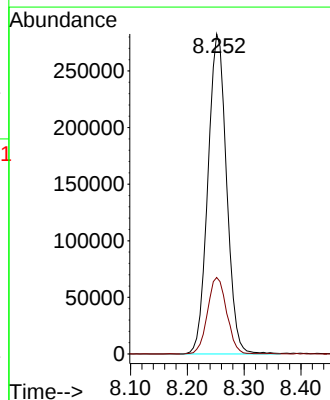
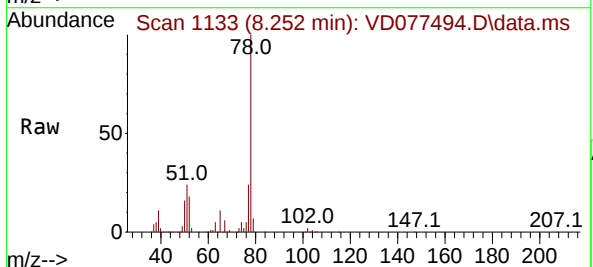
Acq: 03 Nov 2023 09:15

Tgt Ion: 78 Resp: 643715

Ion Ratio Lower Upper

78 100

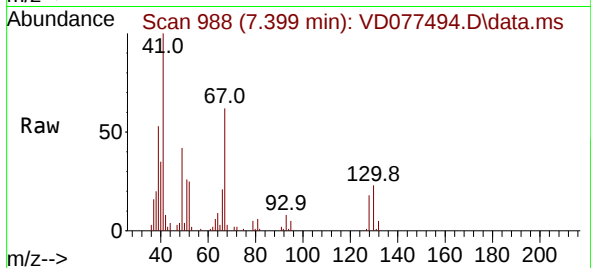
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 43.595 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

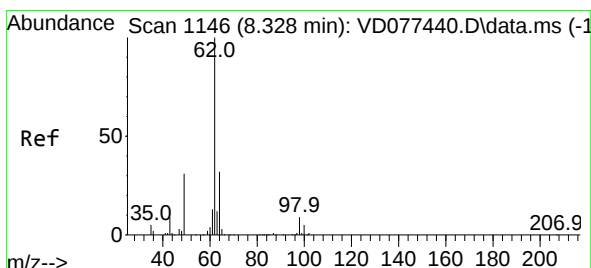
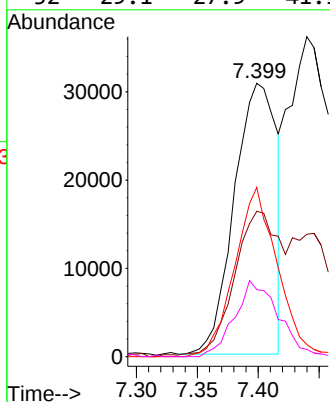
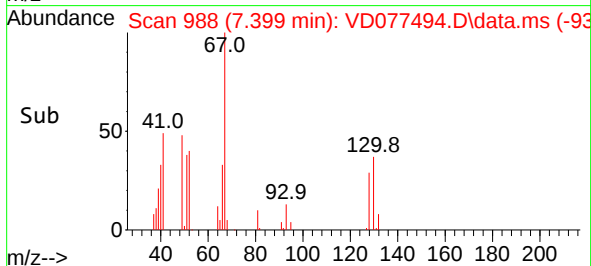
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7387
Ion Ratio Lower Upper
41 100
39 59.2 34.0 51.0
67 63.9 77.0 115.4
52 29.1 27.9 41.9

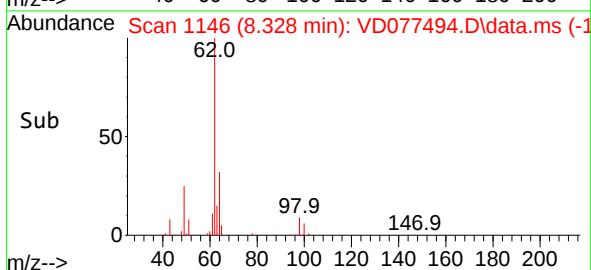
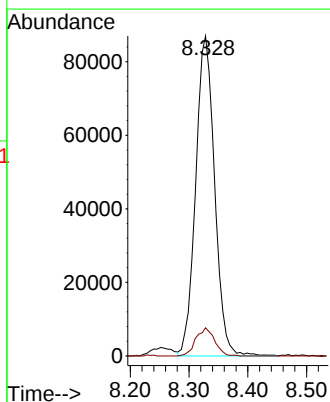
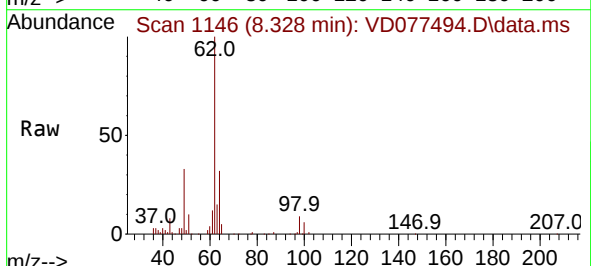
Manual Integrations
APPROVED

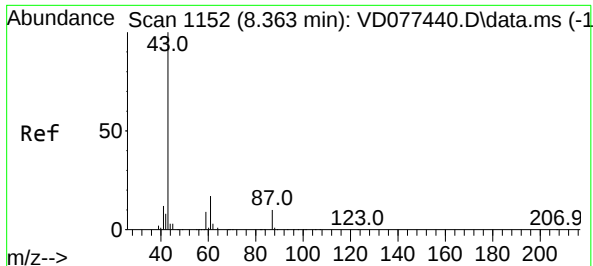
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 46.776 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

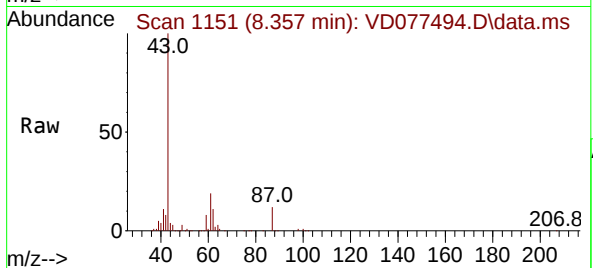
Tgt Ion: 62 Resp: 194957
Ion Ratio Lower Upper
62 100
98 8.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 45.858 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

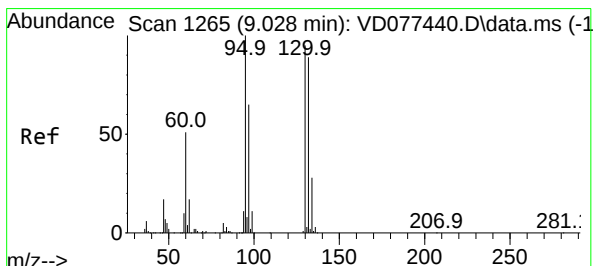
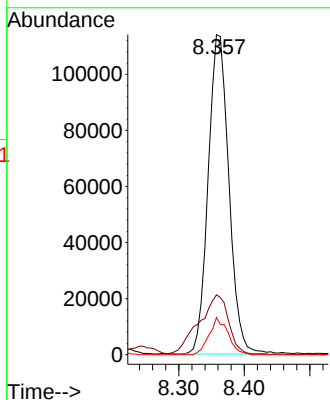
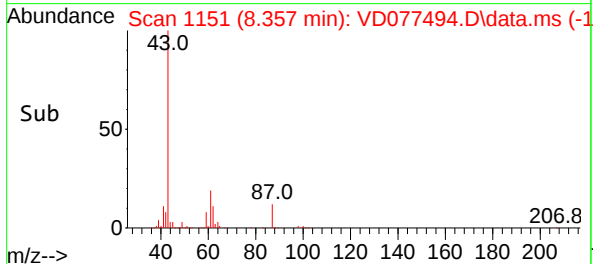
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 250620
Ion Ratio Lower Upper
43 100
61 26.9 31.4 47.0
87 10.5 14.9 22.3

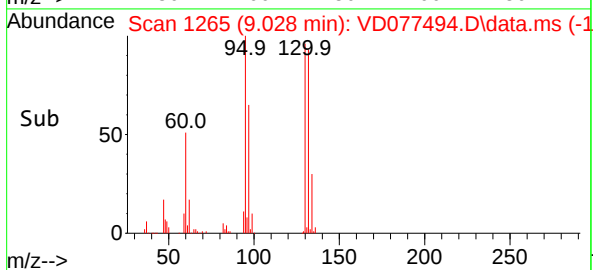
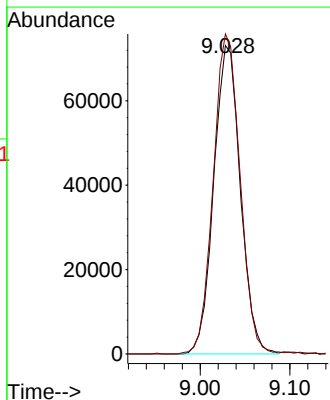
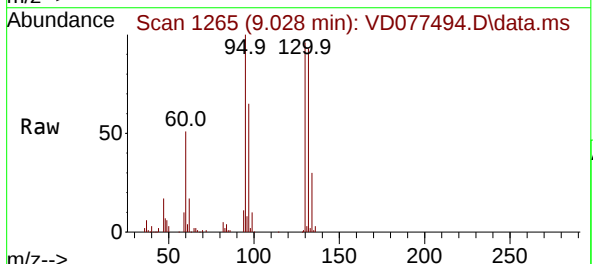
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#44
Trichloroethene
Concen: 46.683 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion:130 Resp: 150477
Ion Ratio Lower Upper
130 100
95 103.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.396 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 187492

Ion Ratio Lower Upper

63 100

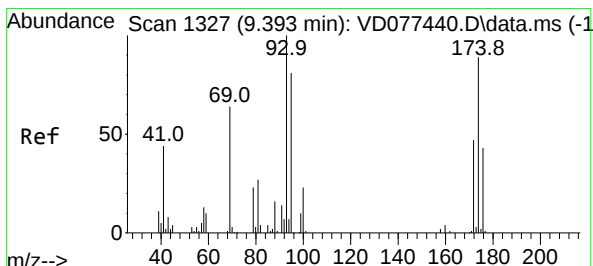
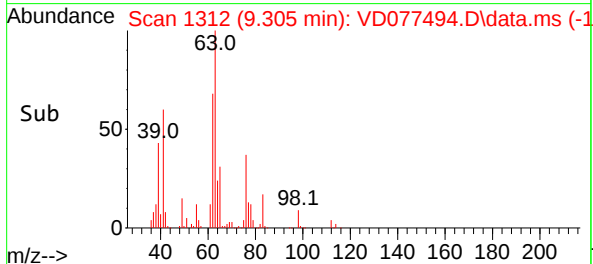
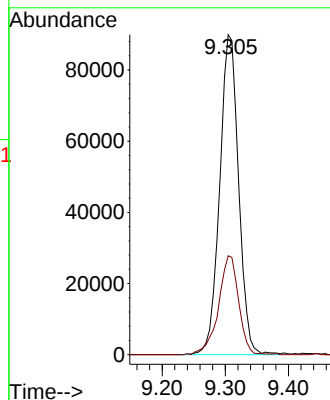
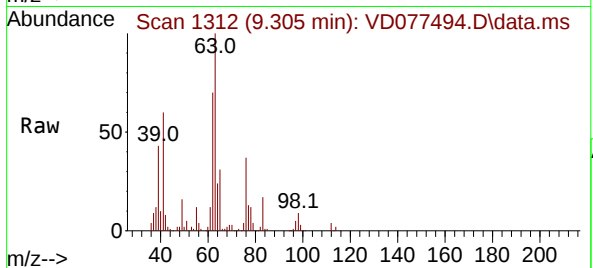
65 30.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 45.348 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

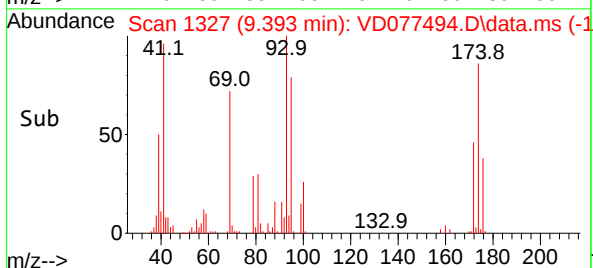
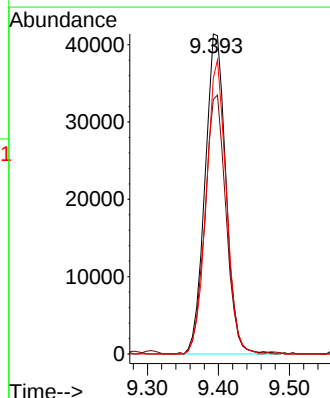
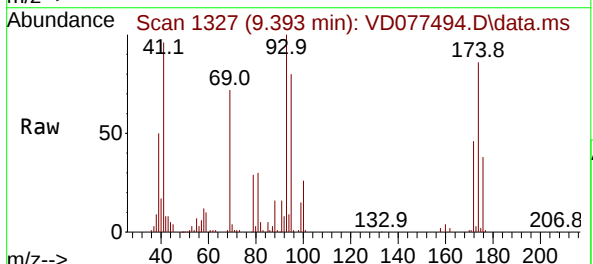
Tgt Ion: 93 Resp: 84546

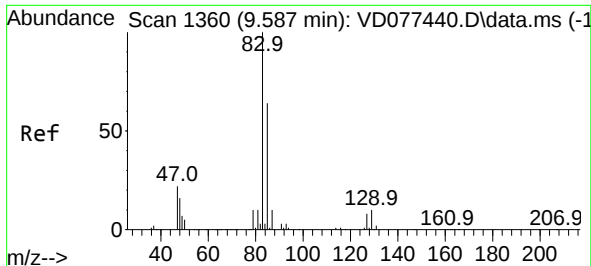
Ion Ratio Lower Upper

93 100

95 81.5 67.7 101.5

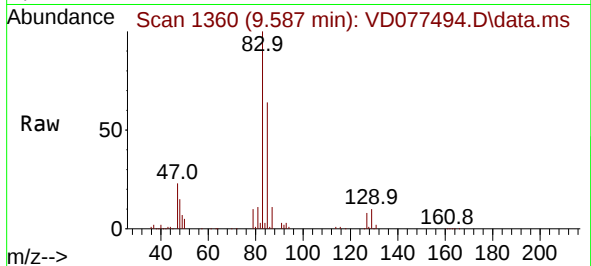
174 88.2 85.4 128.2





#47
Bromodichloromethane
Concen: 45.716 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

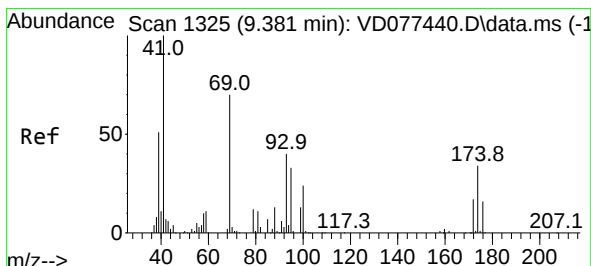
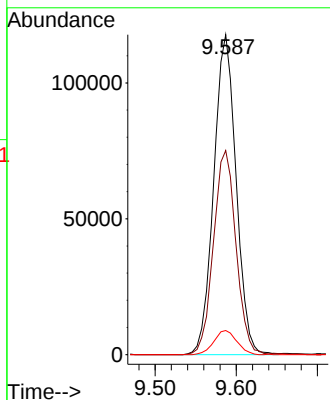
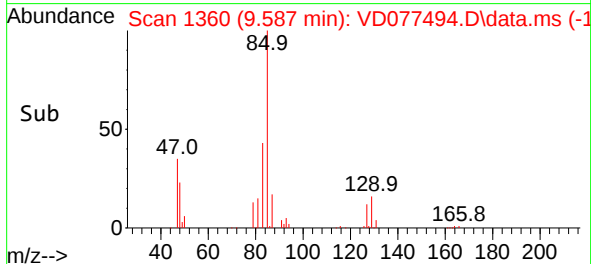
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



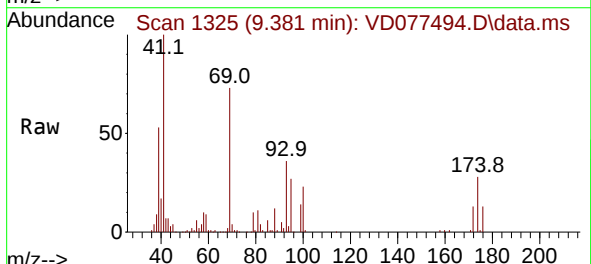
Tgt Ion: 83 Resp: 22528
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 7.5 6.3 9.5

Manual Integrations
APPROVED

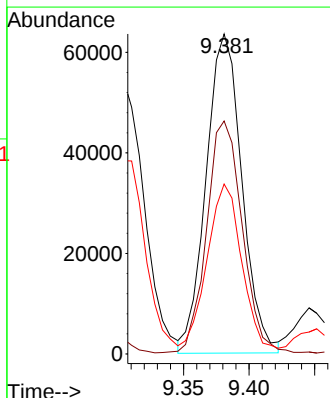
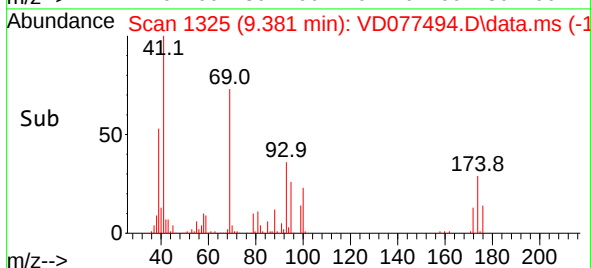
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

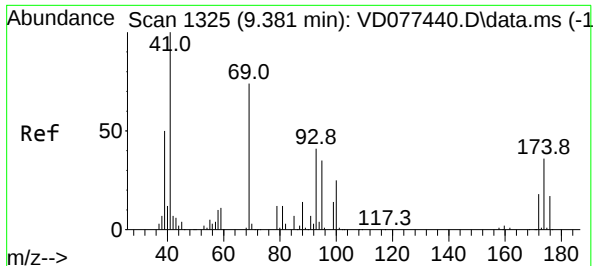


#48
Methyl methacrylate
Concen: 46.208 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



Tgt Ion: 41 Resp: 120547
Ion Ratio Lower Upper
41 100
69 72.4 102.2 153.2#
39 48.9 41.4 62.2





#49

1,4-Dioxane

Concen: 848.128 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1699

Ion Ratio Lower Upper

88 100

43 47.0 19.0 28.6

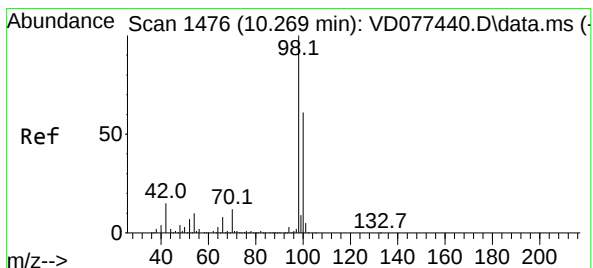
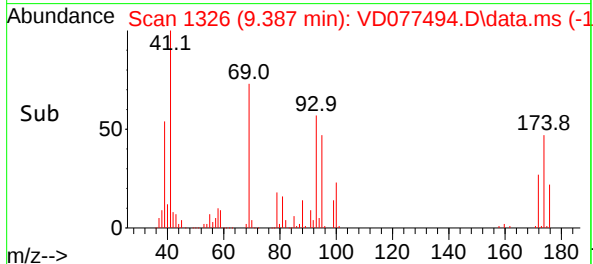
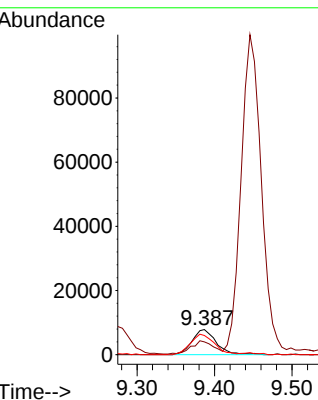
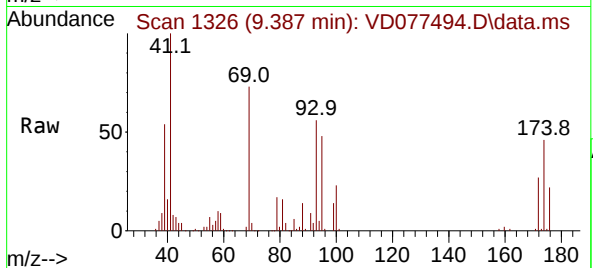
58 80.5 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 48.285 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077494.D

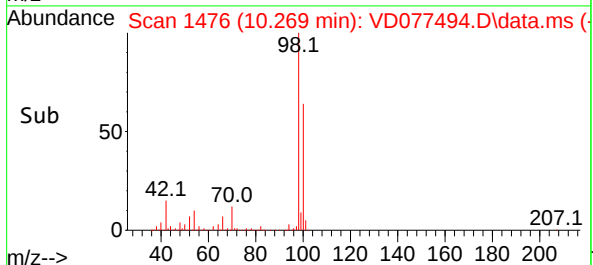
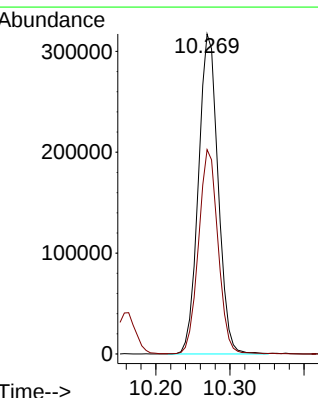
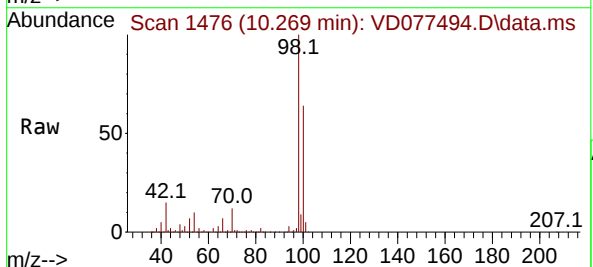
Acq: 03 Nov 2023 09:15

Tgt Ion: 98 Resp: 583753

Ion Ratio Lower Upper

98 100

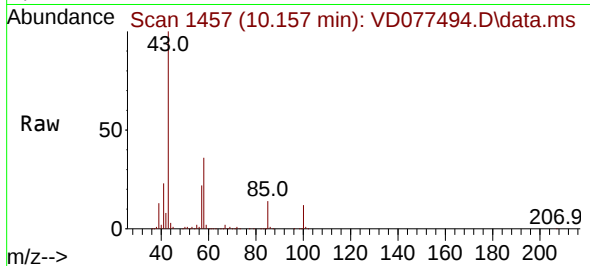
100 63.0 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 232.238 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

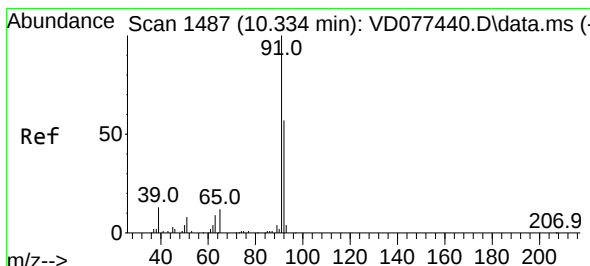
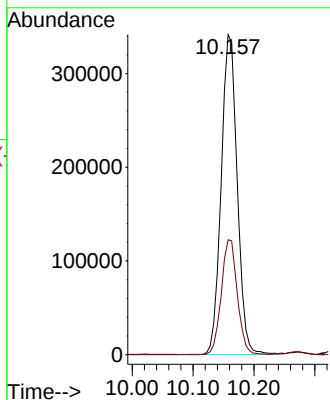
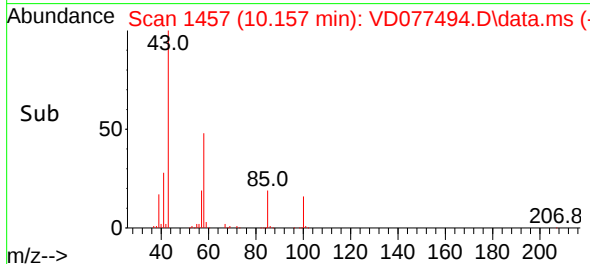
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



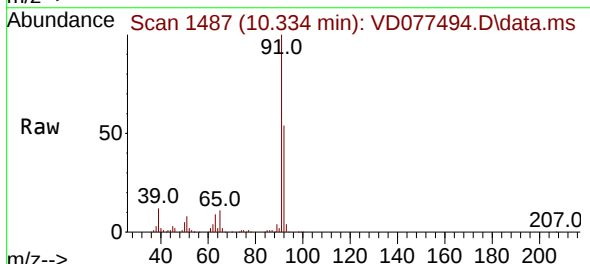
Tgt Ion: 43 Resp: 62473
Ion Ratio Lower Upper
43 100
58 35.8 38.9 58.3

Manual Integrations
APPROVED

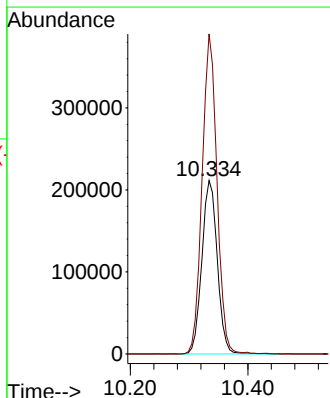
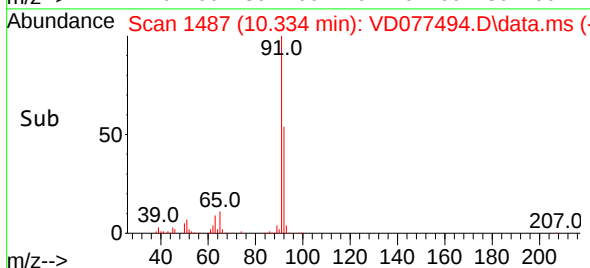
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

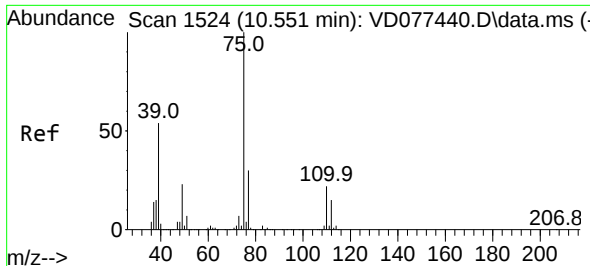


#52
Toluene
Concen: 47.950 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



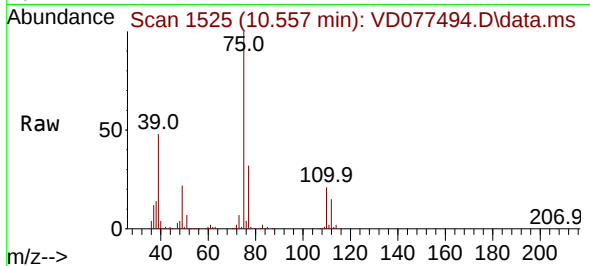
Tgt Ion: 92 Resp: 384661
Ion Ratio Lower Upper
92 100
91 178.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 46.263 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

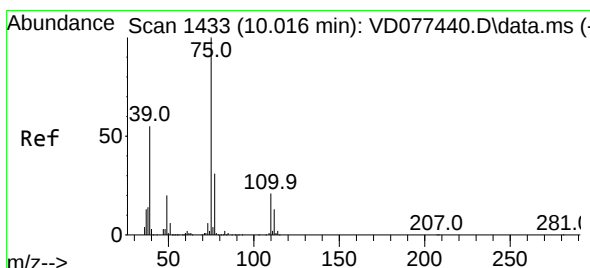
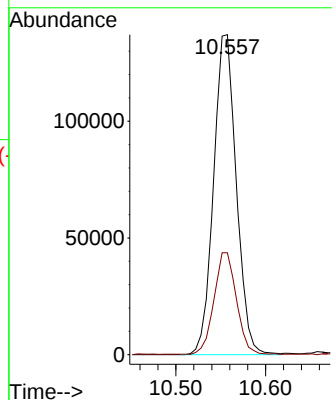
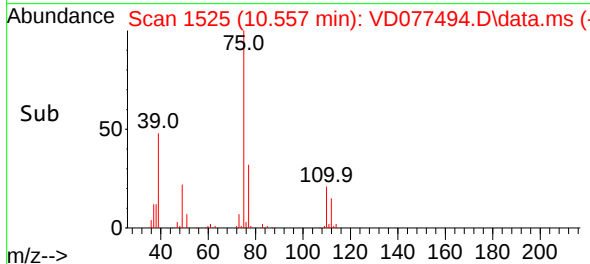
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



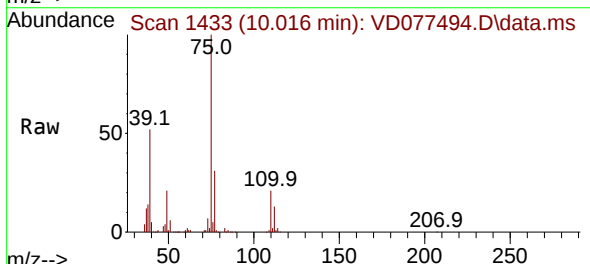
Tgt Ion: 75 Resp: 24140
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

Manual Integrations
APPROVED

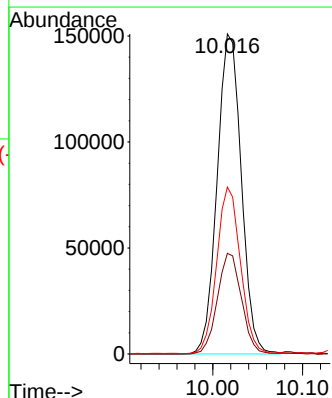
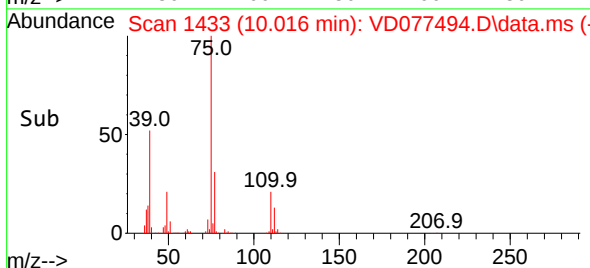
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

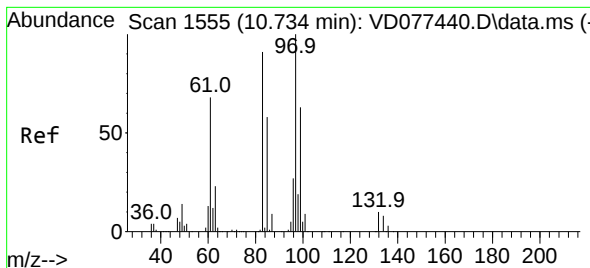


#54
cis-1,3-Dichloropropene
Concen: 46.991 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



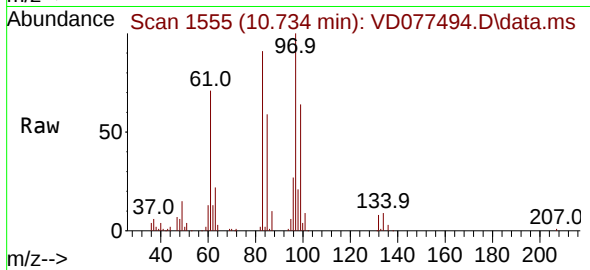
Tgt Ion: 75 Resp: 282168
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 52.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 45.366 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

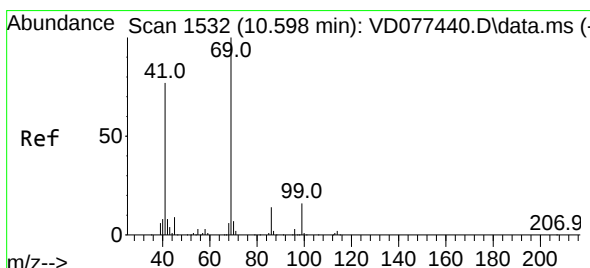
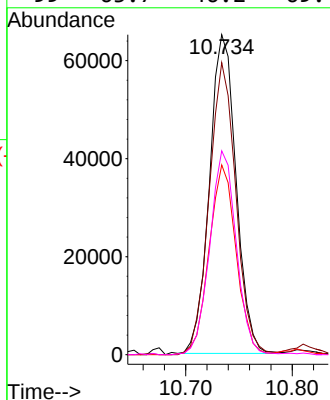
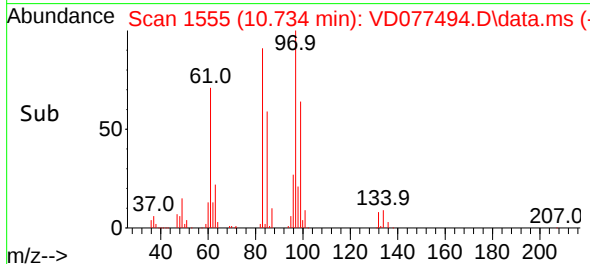
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



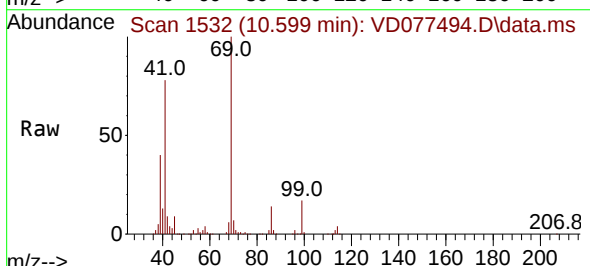
Tgt Ion:	97	Resp:	11284
Ion	Ratio	Lower	Upper
97	100		
83	91.6	65.8	98.6
85	59.2	45.7	68.5
99	63.7	46.2	69.4

Manual Integrations
APPROVED

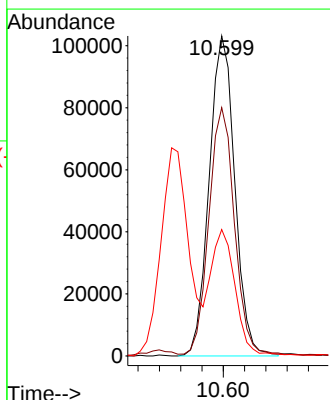
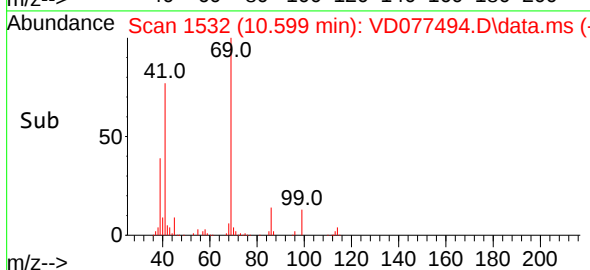
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

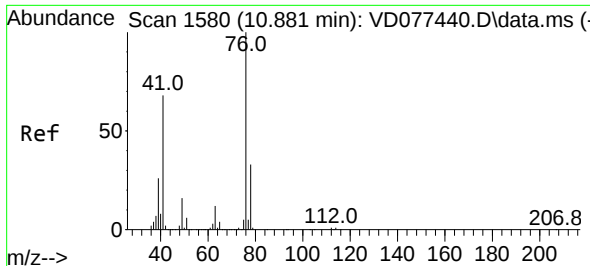


#56
Ethyl methacrylate
Concen: 46.494 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



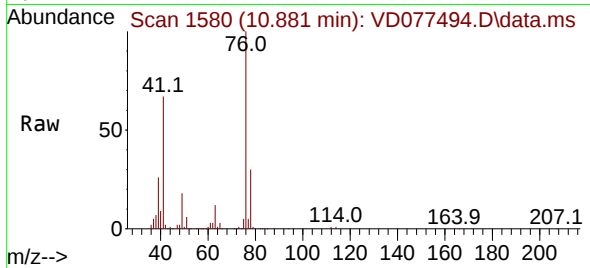
Tgt Ion:	69	Resp:	171952
Ion	Ratio	Lower	Upper
69	100		
41	77.5	39.1	58.7#
39	37.2	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 47.068 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

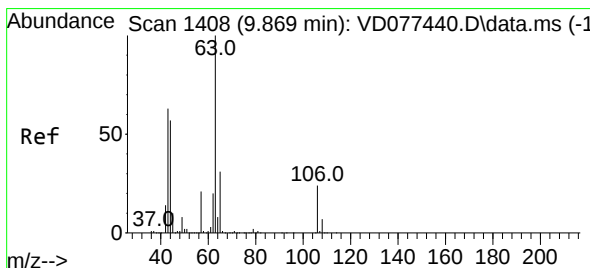
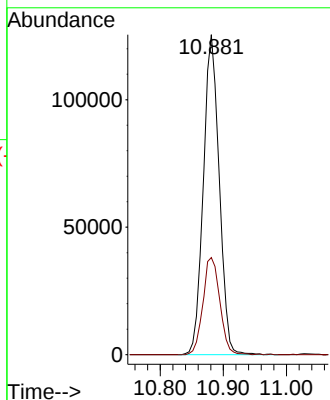
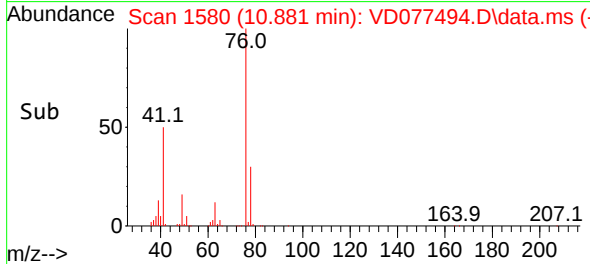
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 218836
Ion Ratio Lower Upper
76 100
78 32.2 26.4 39.6

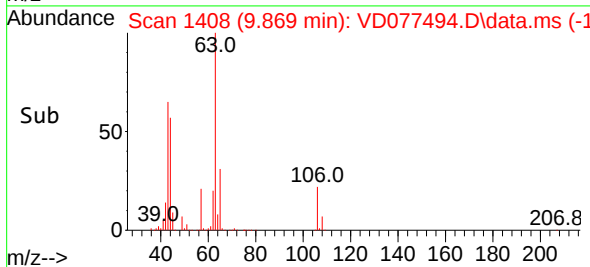
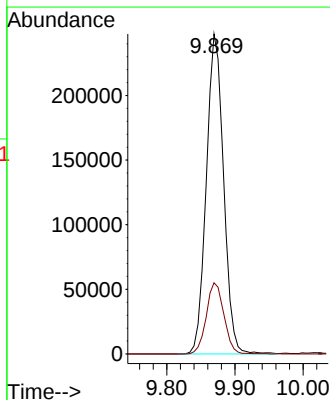
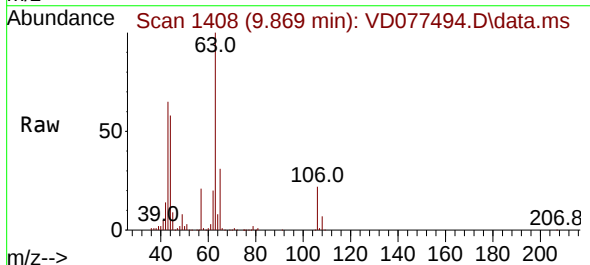
Manual Integrations
APPROVED

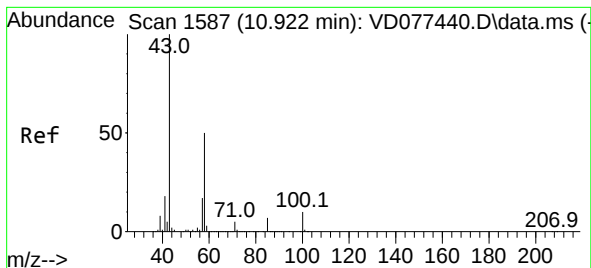
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 236.129 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

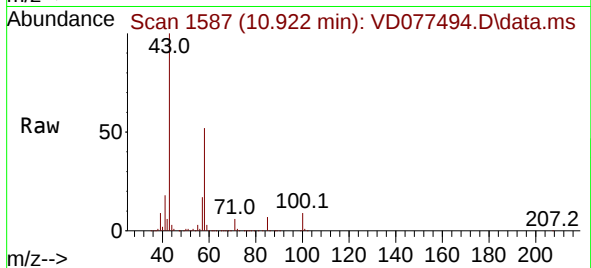
Tgt Ion: 63 Resp: 437195
Ion Ratio Lower Upper
63 100
106 22.7 25.3 37.9





#59
2-Hexanone
Concen: 240.331 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

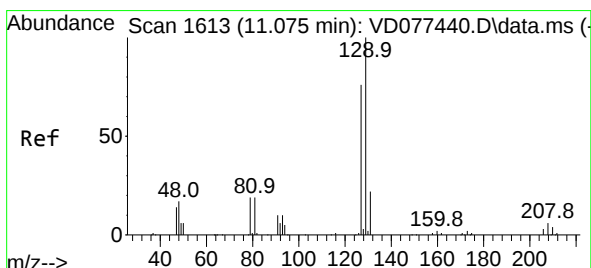
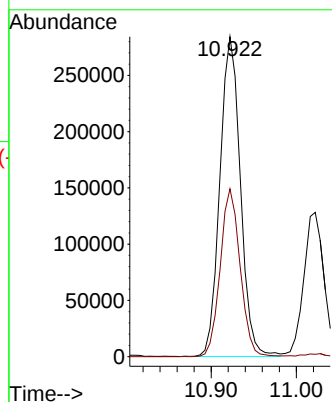
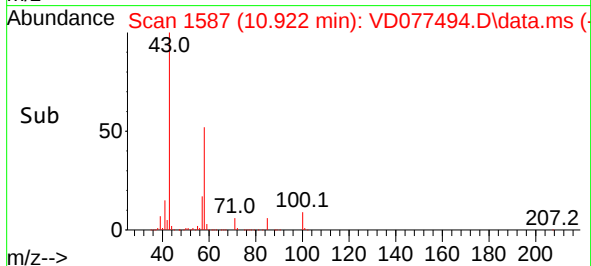
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 476260
Ion Ratio Lower Upper
43 100
58 51.0 34.1 102.2

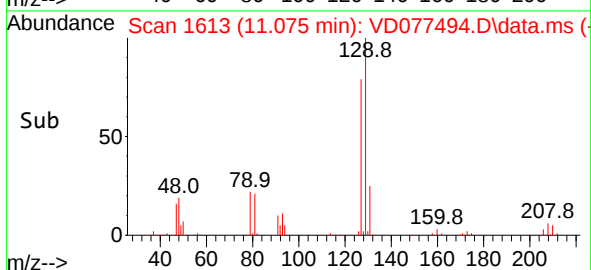
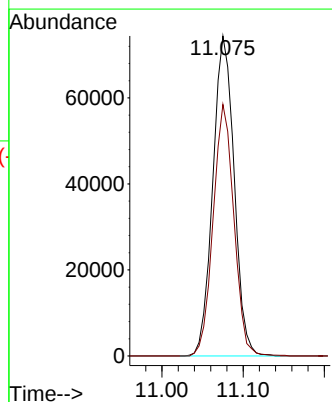
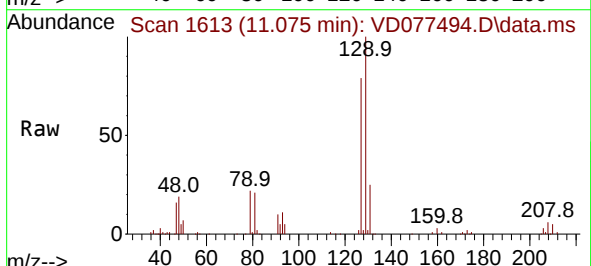
Manual Integrations
APPROVED

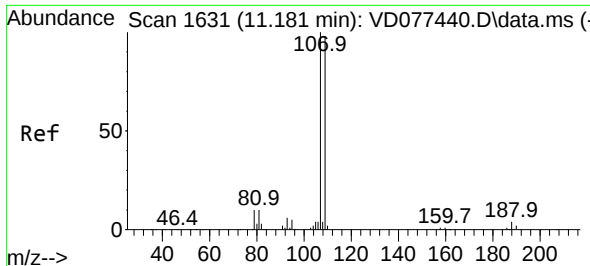
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 45.365 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

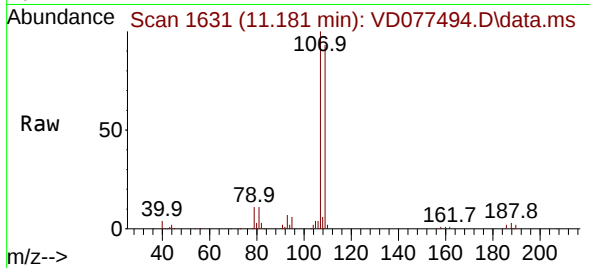
Tgt Ion:129 Resp: 135689
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 44.824 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

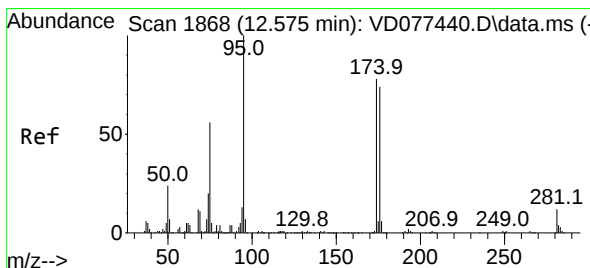
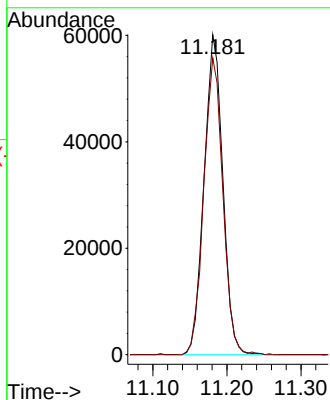
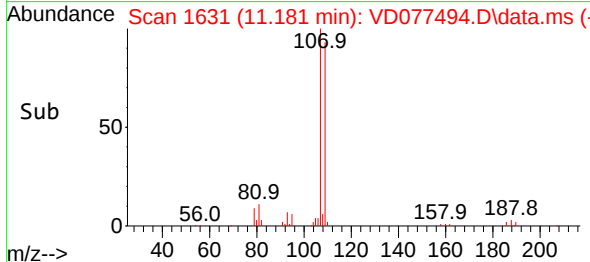
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



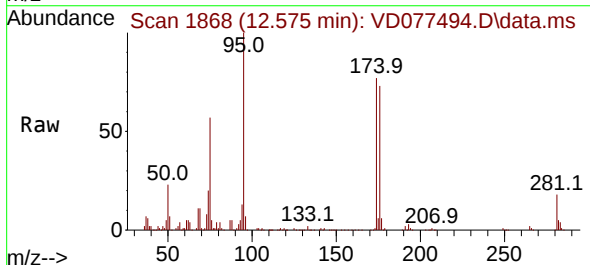
Tgt Ion:107 Resp: 10558
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

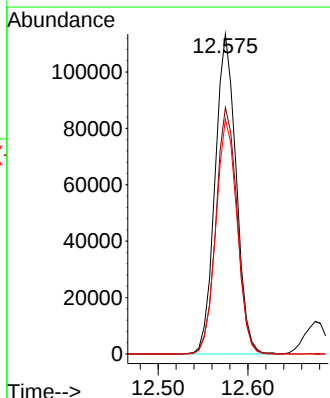
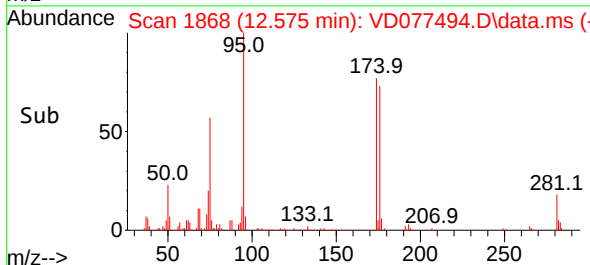
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

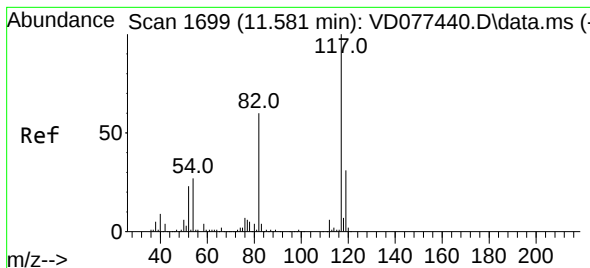


#62
4-Bromofluorobenzene
Concen: 45.385 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



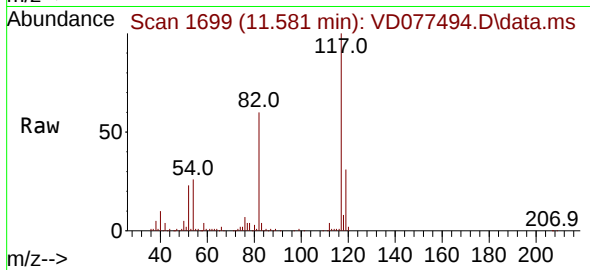
Tgt Ion: 95 Resp: 184805
Ion Ratio Lower Upper
95 100
174 77.3 0.0 201.8
176 74.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

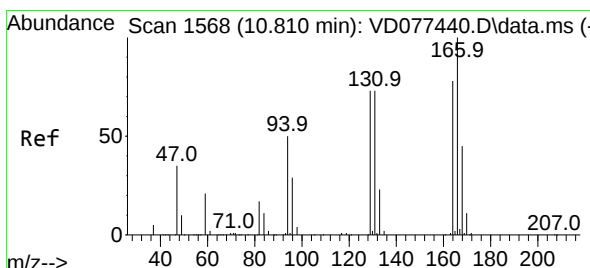
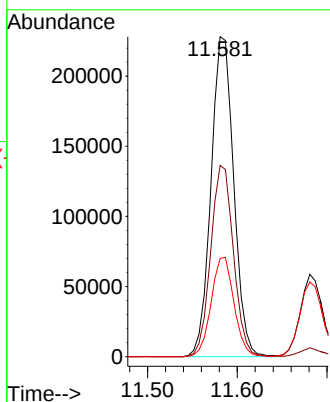
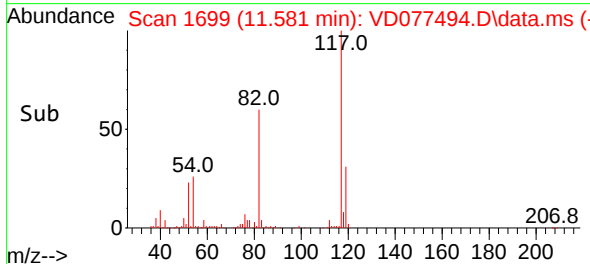
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 401364
Ion Ratio Lower Upper
117 100
82 59.8 38.3 57.5
119 30.7 25.0 37.4

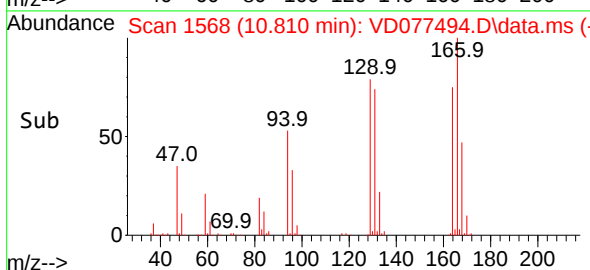
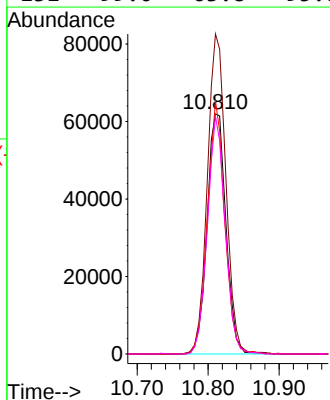
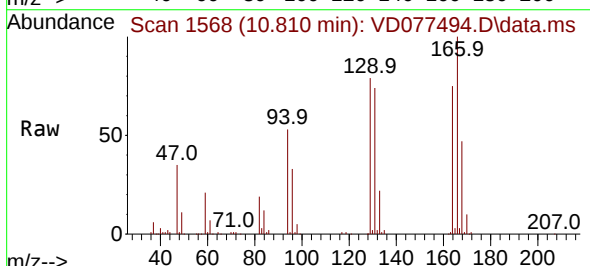
Manual Integrations
APPROVED

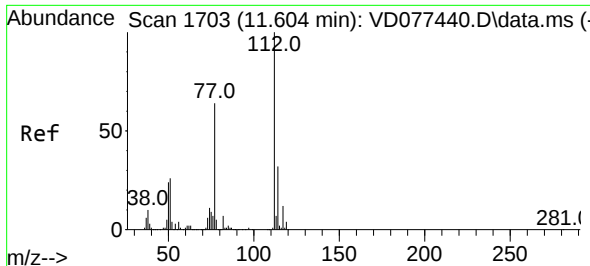
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 44.947 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

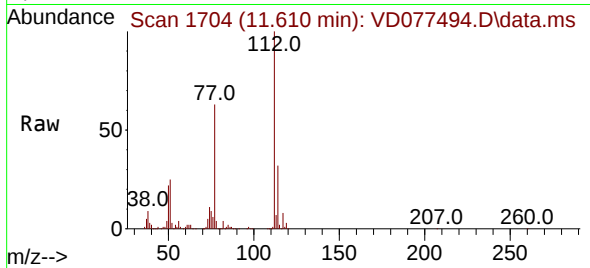
Tgt Ion:164 Resp: 114854
Ion Ratio Lower Upper
164 100
166 133.3 99.2 148.8
129 105.4 68.4 102.6#
131 99.0 63.8 95.8#





#65
Chlorobenzene
Concen: 46.371 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

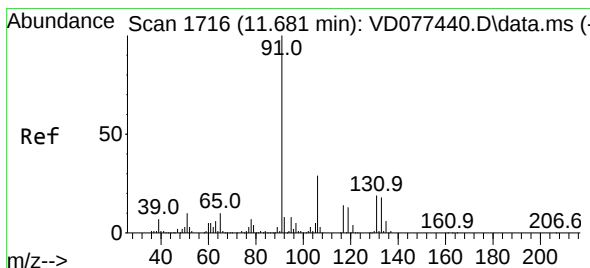
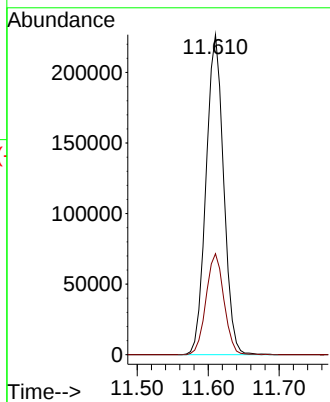
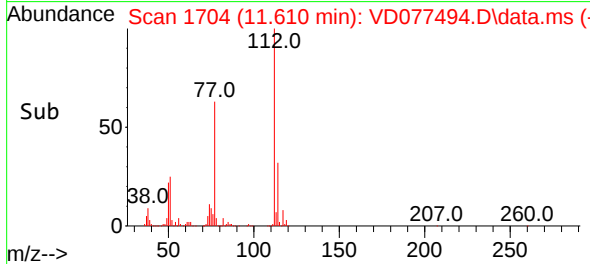
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



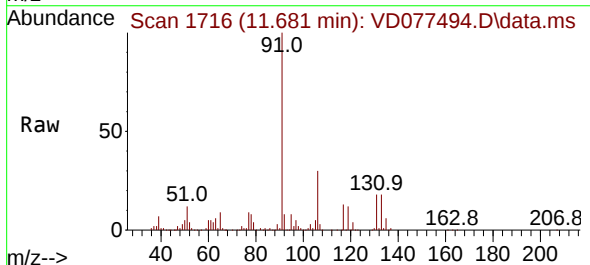
Tgt Ion:112 Resp: 389912
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

Manual Integrations
APPROVED

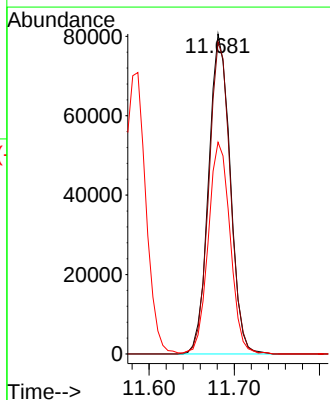
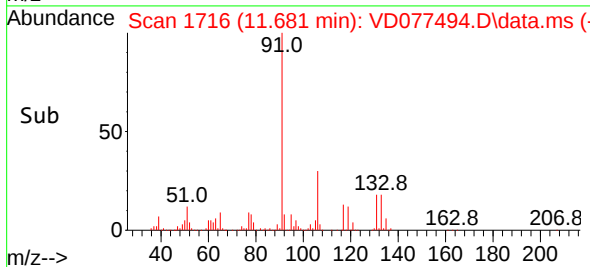
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

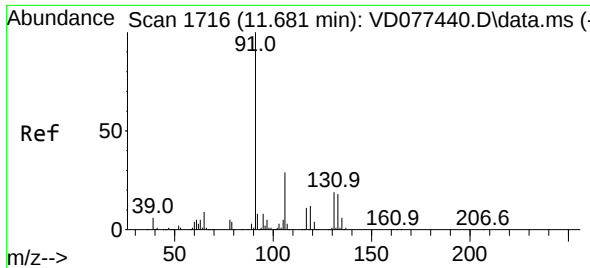


#66
1,1,1,2-Tetrachloroethane
Concen: 44.565 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



Tgt Ion:131 Resp: 141608
Ion Ratio Lower Upper
131 100
133 97.3 48.5 145.5
119 67.1 35.6 106.9





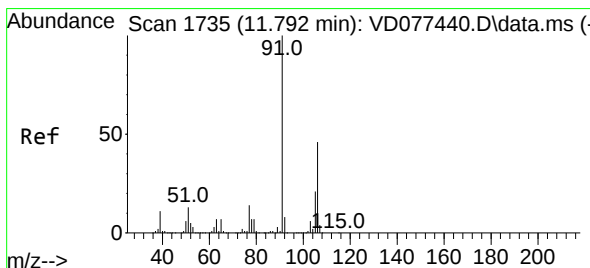
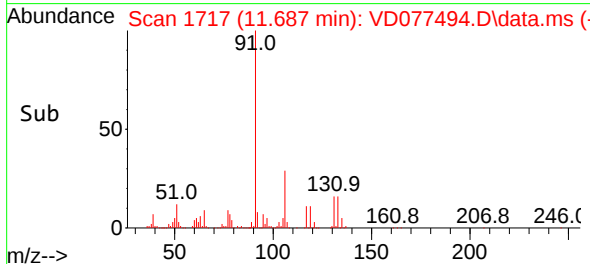
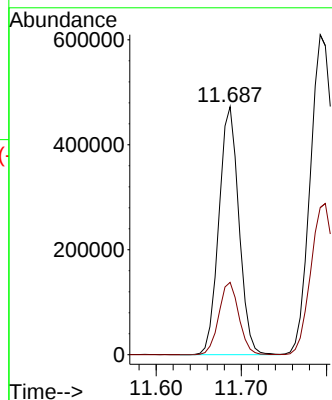
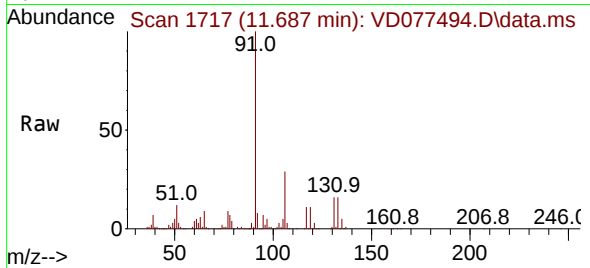
#67
Ethyl Benzene
Concen: 47.615 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 770352
Ion Ratio Lower Upper
91 100
106 29.2 26.5 39.7

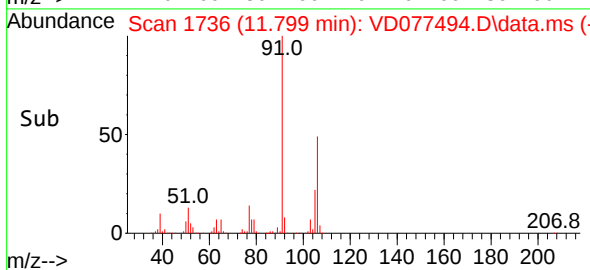
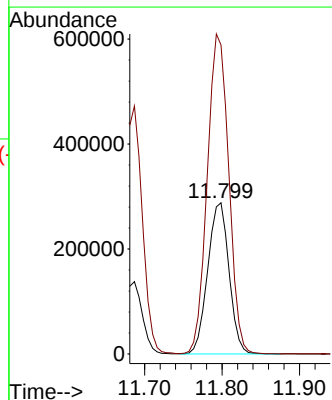
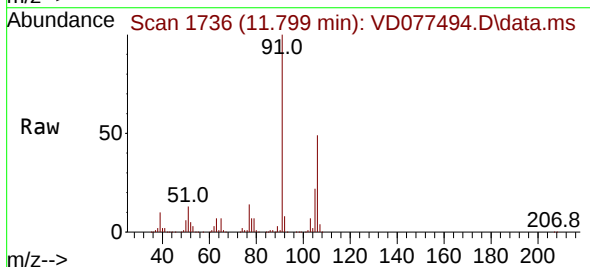
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#68
m/p-Xylenes
Concen: 94.136 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

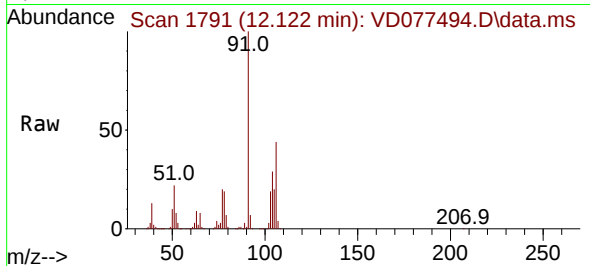
Tgt Ion:106 Resp: 549976
Ion Ratio Lower Upper
106 100
91 213.6 147.0 220.6





#69
o-Xylene
Concen: 47.136 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

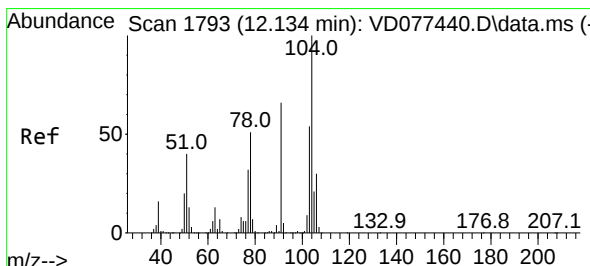
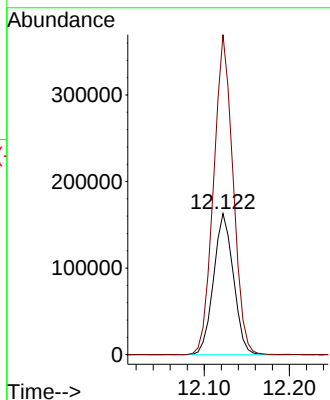
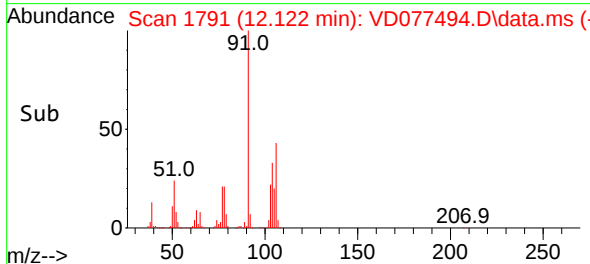
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 263779
Ion Ratio Lower Upper
106 100
91 223.2 97.9 293.6

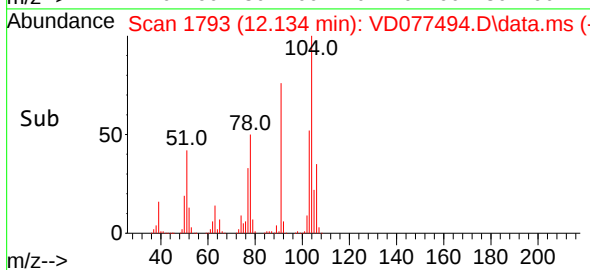
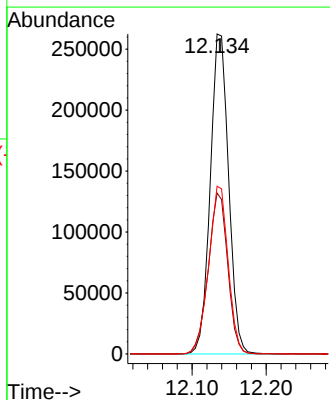
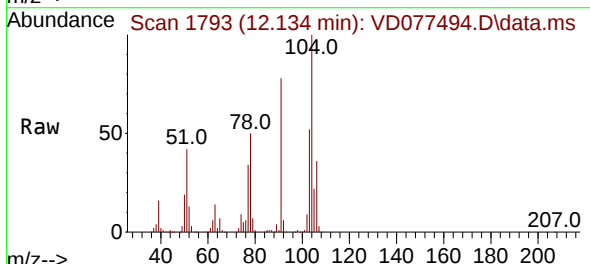
Manual Integrations
APPROVED

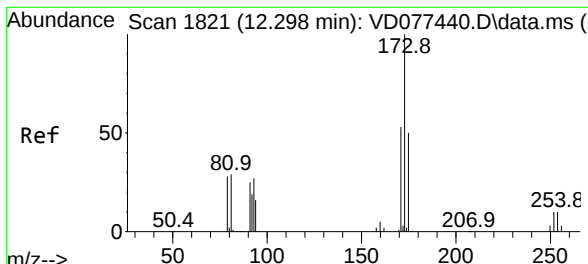
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 46.780 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion:104 Resp: 451614
Ion Ratio Lower Upper
104 100
78 53.4 33.2 49.8#
103 55.5 43.6 65.4





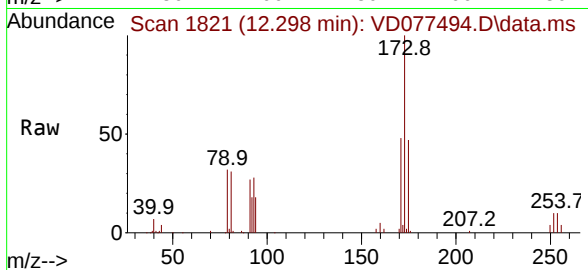
#71
Bromoform
Concen: 42.727 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



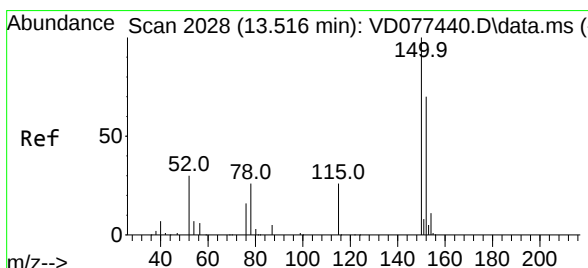
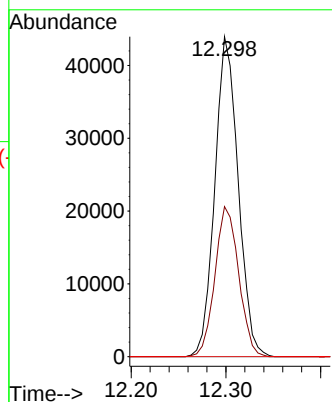
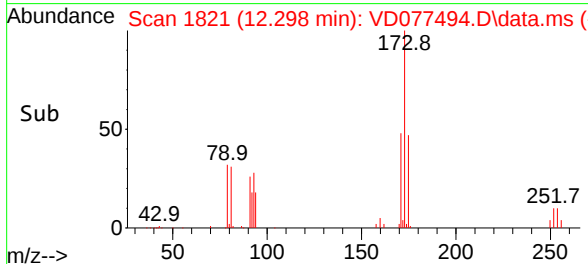
Tgt Ion:173 Resp: 75268
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations

APPROVED

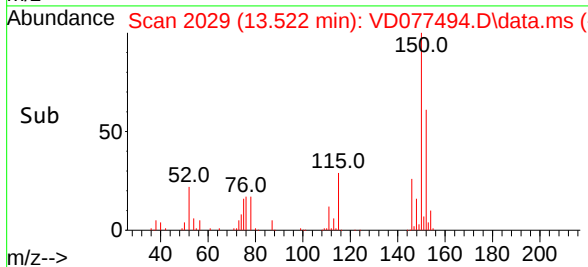
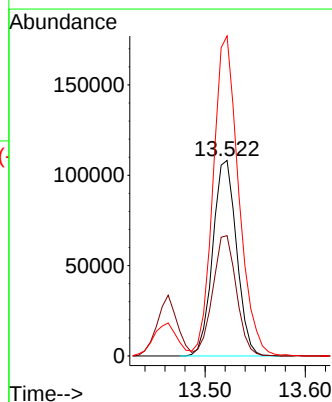
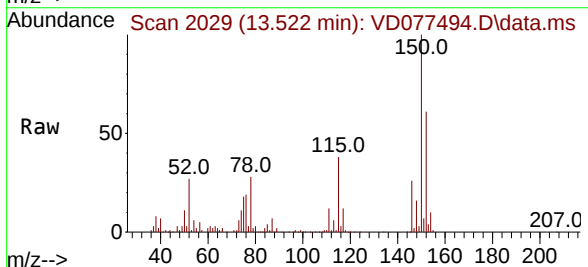
Reviewed By :John Carlone 11/06/2023

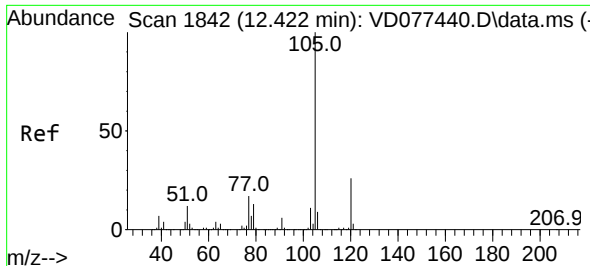
Supervised By :Mahesh Dadoda 11/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

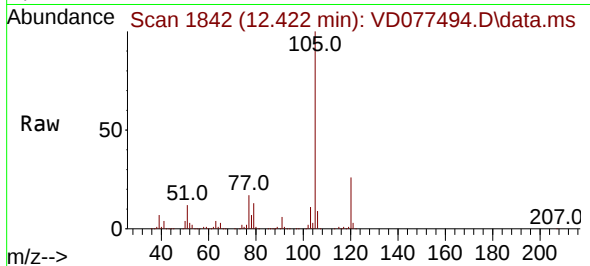
Tgt Ion:152 Resp: 178081
Ion Ratio Lower Upper
152 100
115 61.6 27.1 81.3
150 175.8 0.0 353.6





#73
Isopropylbenzene
Concen: 48.303 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

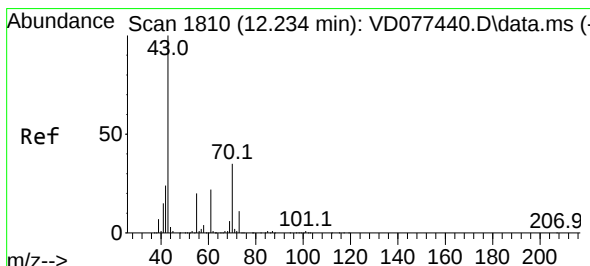
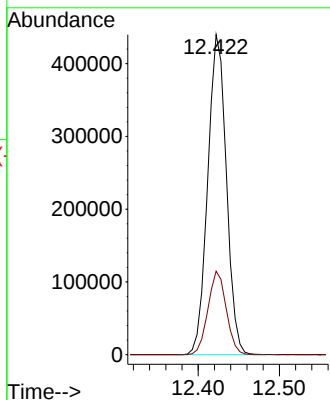
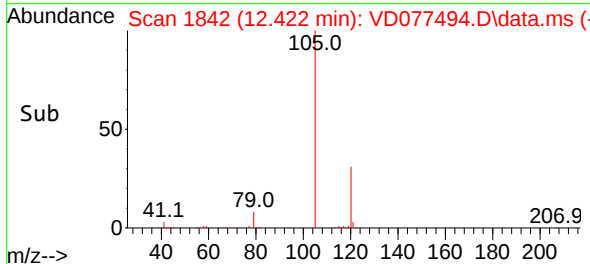
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 701317
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9

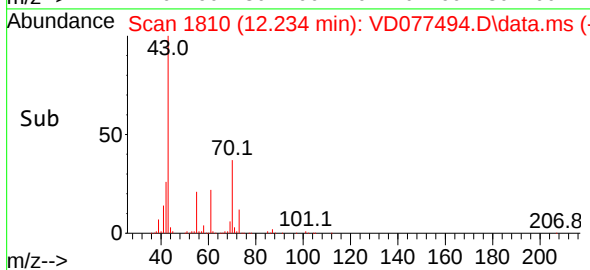
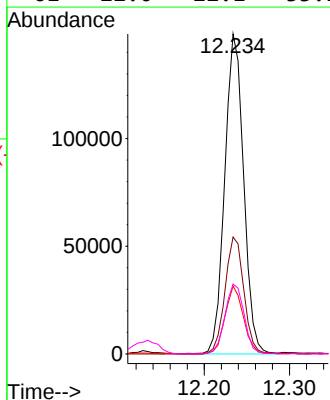
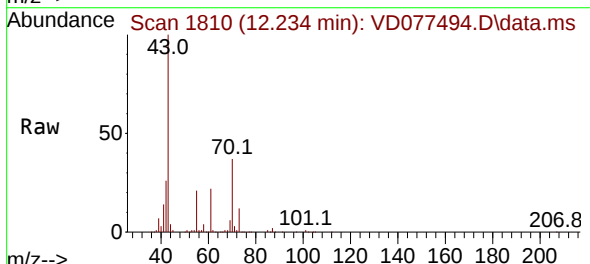
Manual Integrations
APPROVED

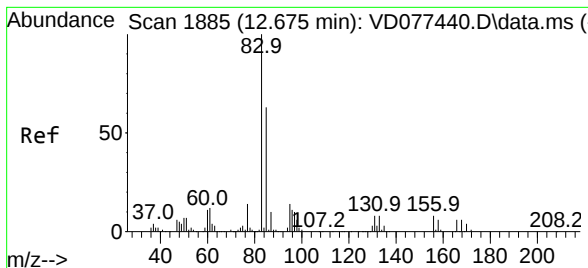
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 44.556 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

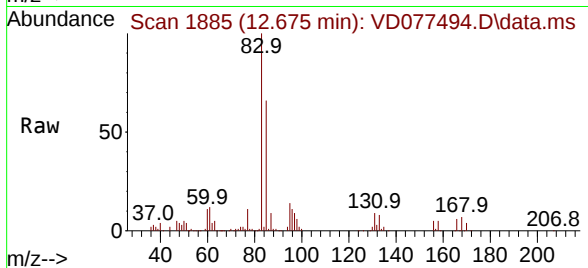
Tgt Ion: 43 Resp: 229139
Ion Ratio Lower Upper
43 100
70 36.4 45.0 67.4#
55 21.0 23.8 35.6#
61 22.0 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.125 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

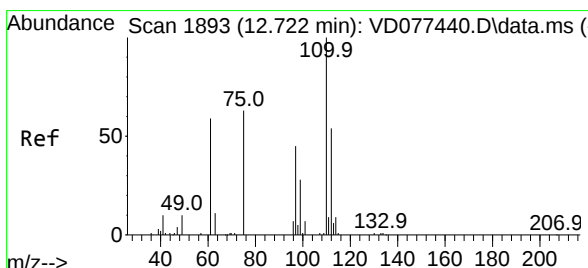
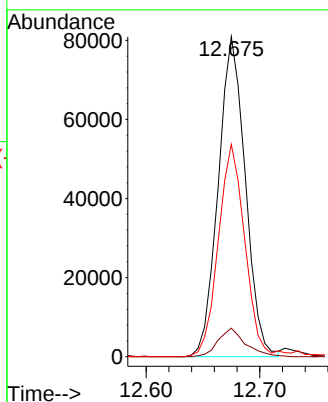
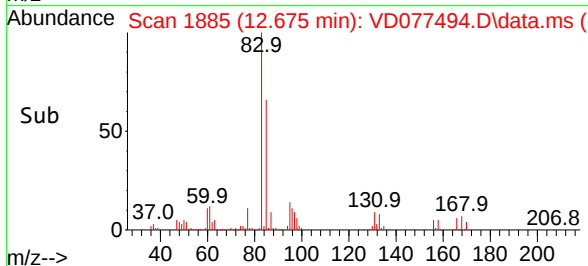
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



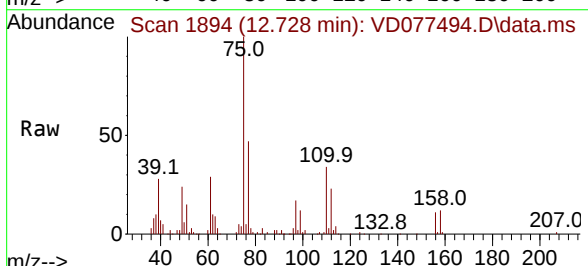
Tgt Ion: 83 Resp: 13412
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 66.0 32.6 97.8

Manual Integrations
APPROVED

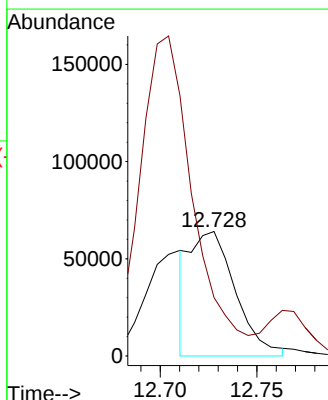
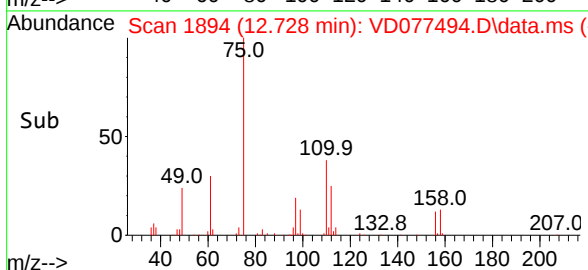
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

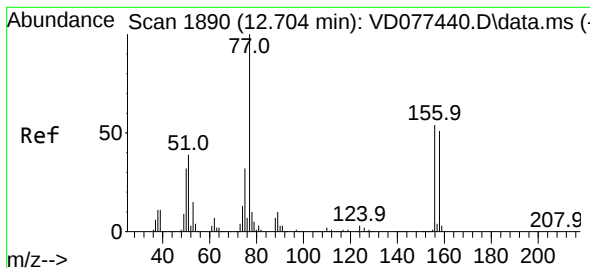


#76
1,2,3-Trichloropropane
Concen: 47.866 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



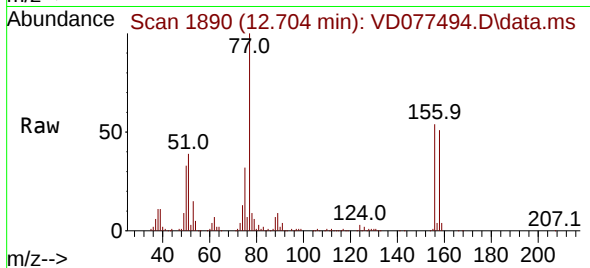
Tgt Ion: 75 Resp: 103746
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.079 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

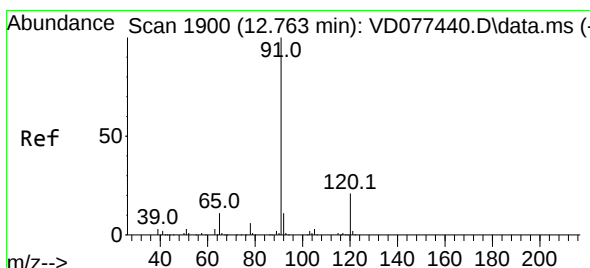
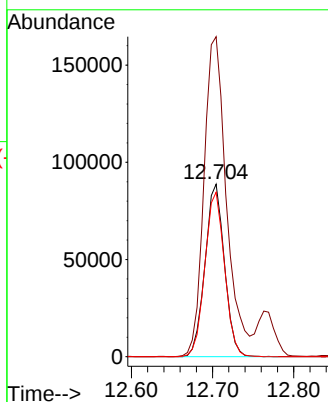
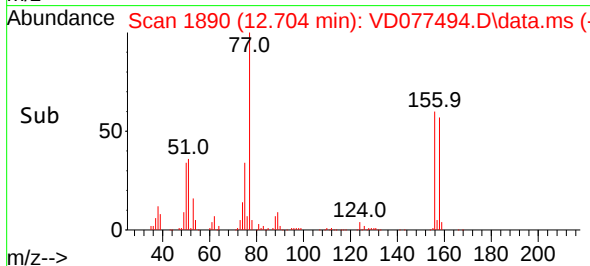
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 14726
Ion Ratio Lower Upper
156 100
77 214.2 76.8 230.4
158 96.7 48.6 145.9

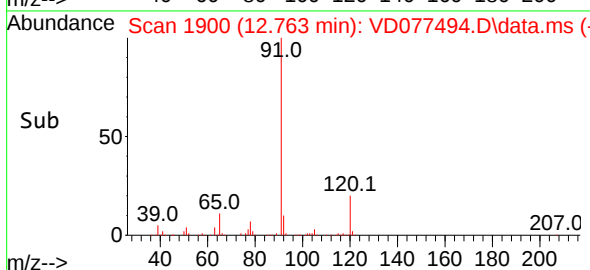
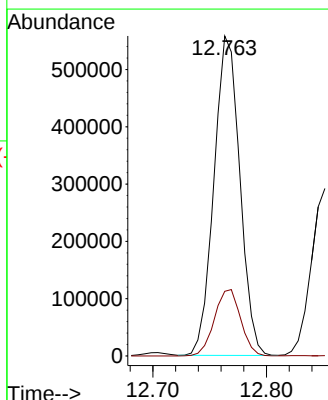
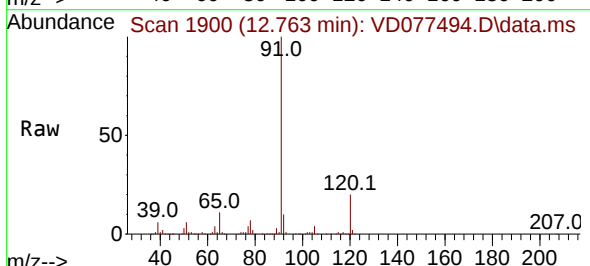
Manual Integrations
APPROVED

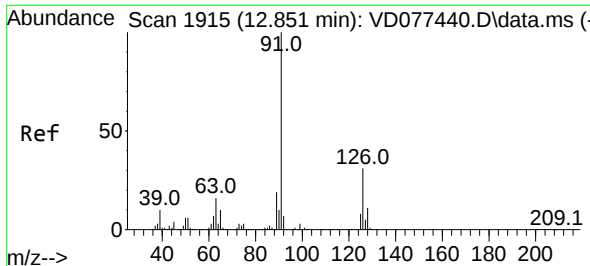
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#78
n-propylbenzene
Concen: 47.891 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 91 Resp: 882895
Ion Ratio Lower Upper
91 100
120 21.1 12.4 37.2





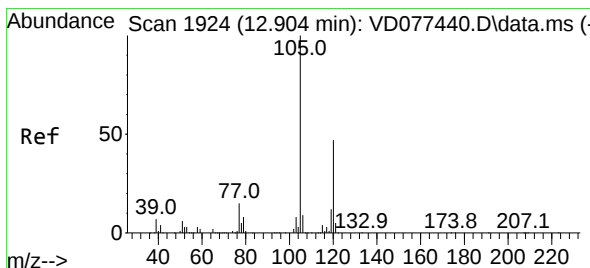
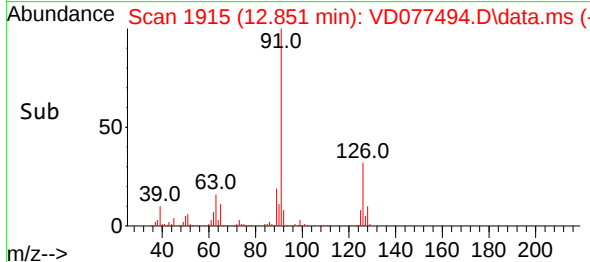
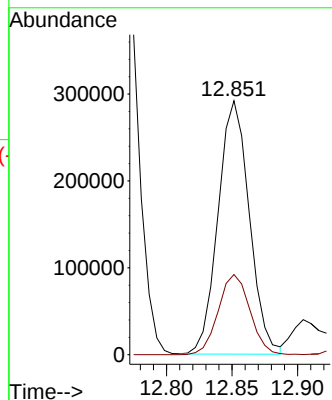
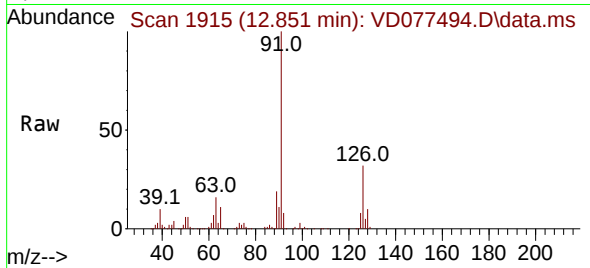
#79
2-Chlorotoluene
Concen: 46.342 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 483720
Ion Ratio Lower Upper
91 100
126 31.9 19.4 58.1

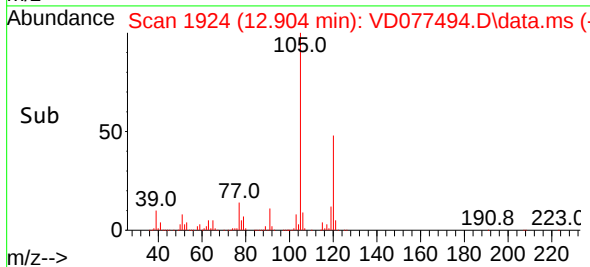
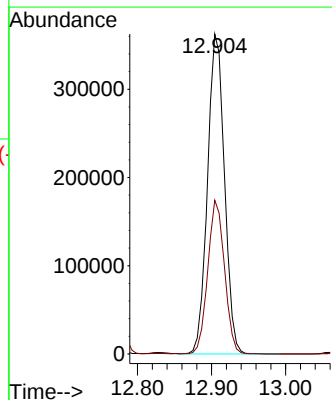
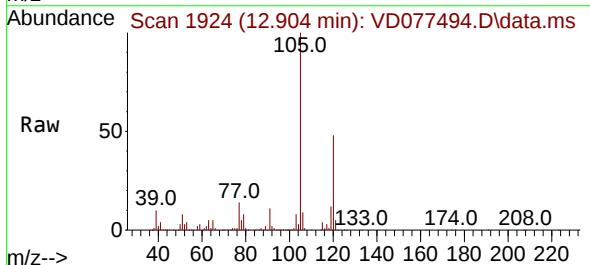
Manual Integrations
APPROVED

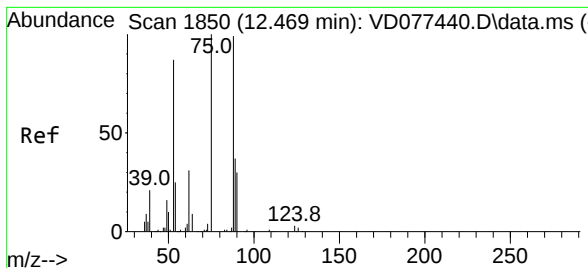
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.297 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion:105 Resp: 576209
Ion Ratio Lower Upper
105 100
120 47.5 26.4 79.2





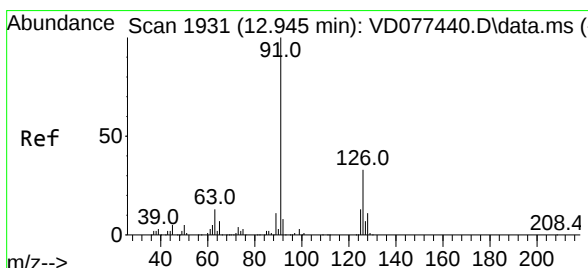
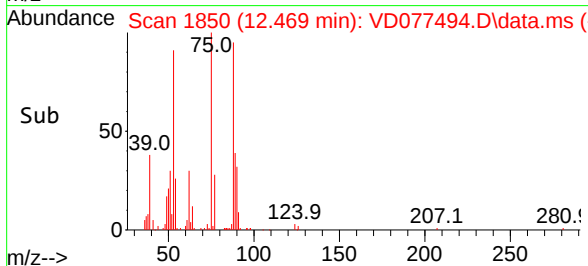
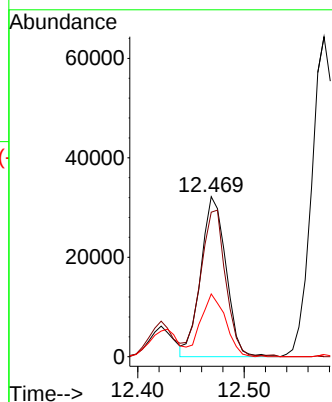
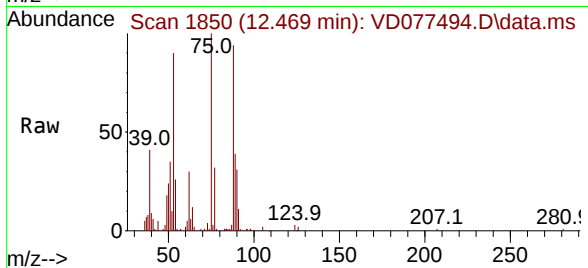
#81
trans-1,4-Dichloro-2-butene
Concen: 47.113 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 52864
Ion Ratio Lower Upper
75 100
53 90.6 63.0 94.4
89 38.6 37.9 56.9

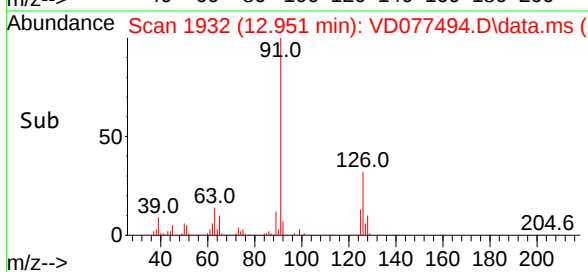
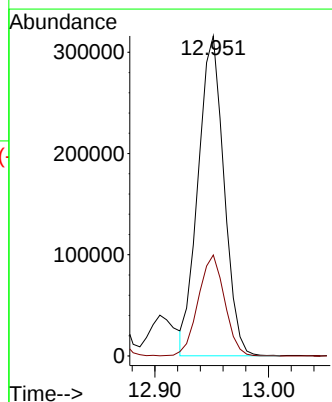
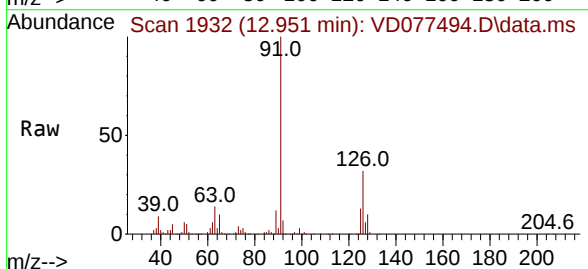
Manual Integrations
APPROVED

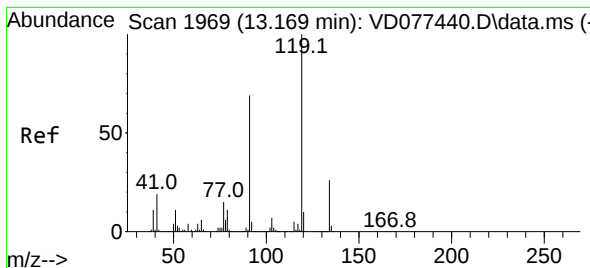
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 45.937 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

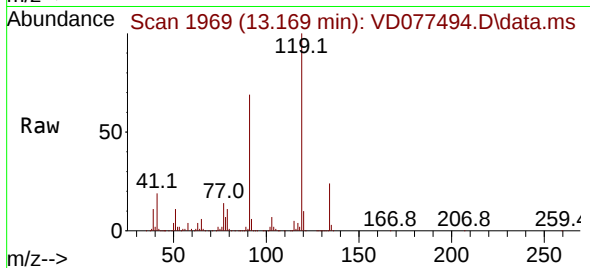
Tgt Ion: 91 Resp: 499464
Ion Ratio Lower Upper
91 100
126 32.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 47.515 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

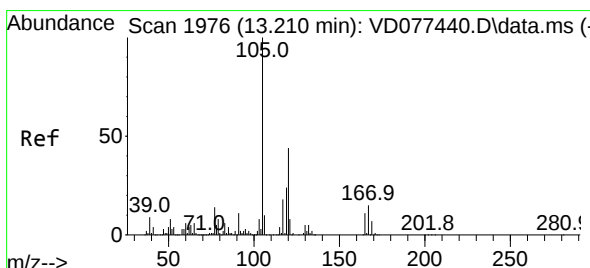
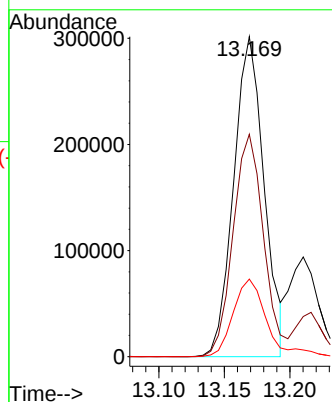
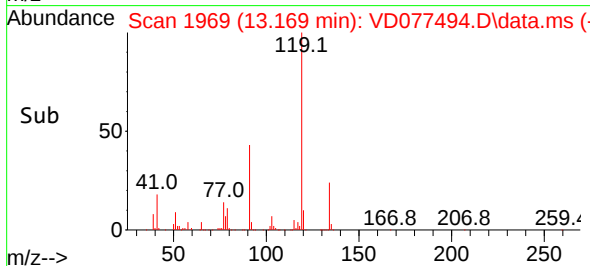
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



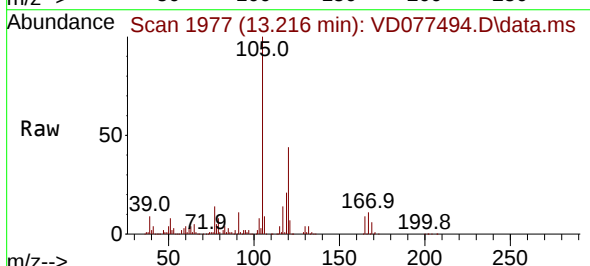
Tgt Ion:119 Resp: 486680
Ion Ratio Lower Upper
119 100
91 70.0 29.3 87.8
134 26.7 14.1 42.3

Manual Integrations
APPROVED

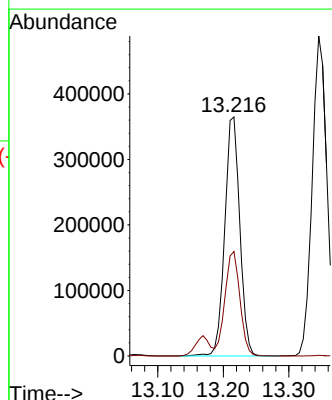
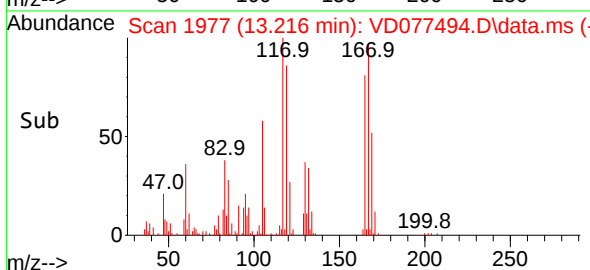
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

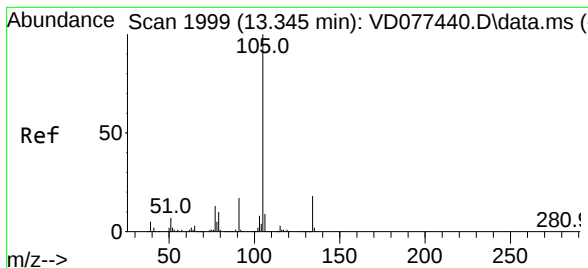


#84
1,2,4-Trimethylbenzene
Concen: 47.913 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



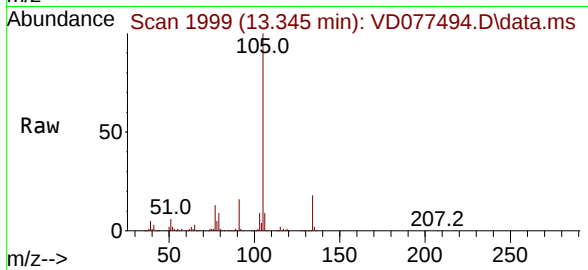
Tgt Ion:105 Resp: 579837
Ion Ratio Lower Upper
105 100
120 43.4 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 48.530 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077494.D
 Acq: 03 Nov 2023 09:15

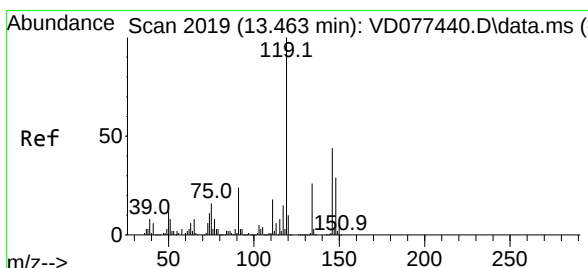
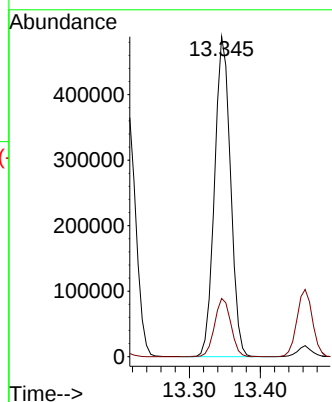
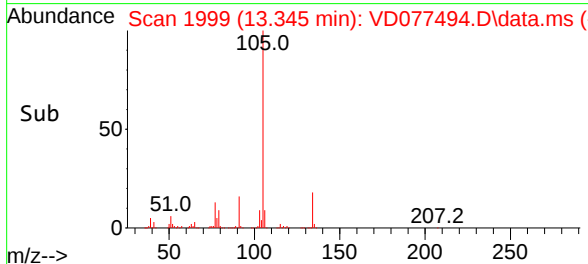
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



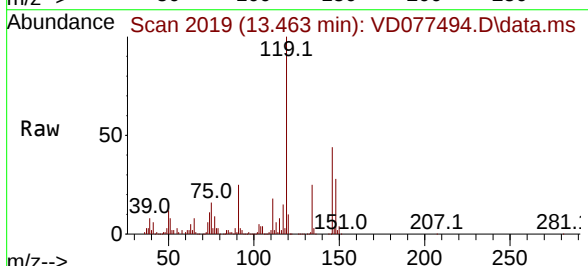
Tgt Ion:105 Resp: 760570
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.9 32.9

Manual Integrations
 APPROVED

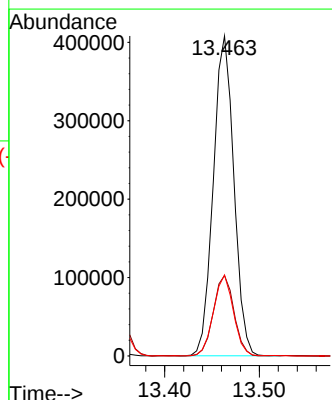
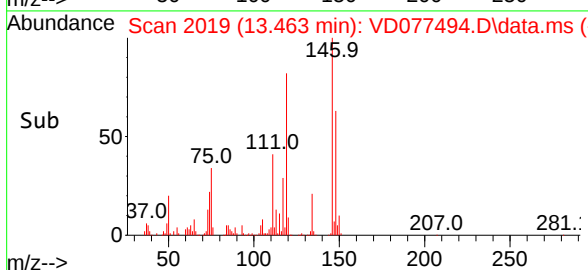
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

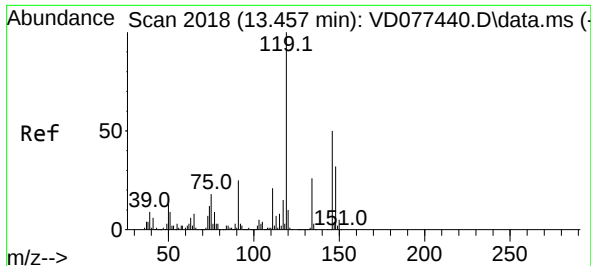


#86
 p-Isopropyltoluene
 Concen: 48.223 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077494.D
 Acq: 03 Nov 2023 09:15



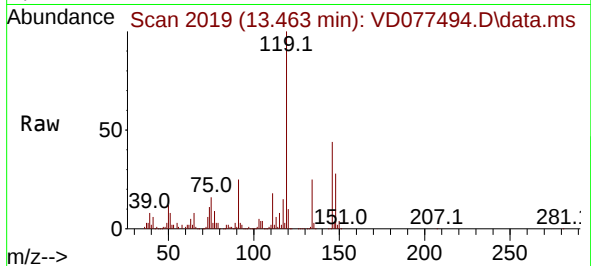
Tgt Ion:119 Resp: 614300
 Ion Ratio Lower Upper
 119 100
 134 25.3 14.2 42.6
 91 24.5 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 46.972 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

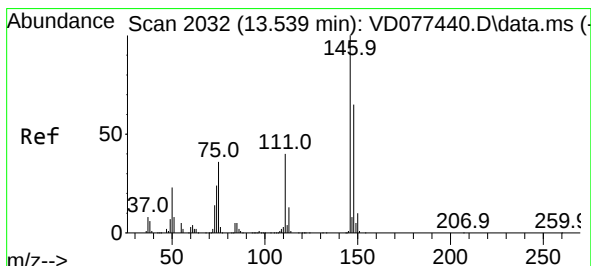
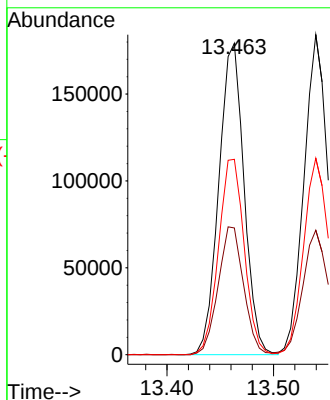
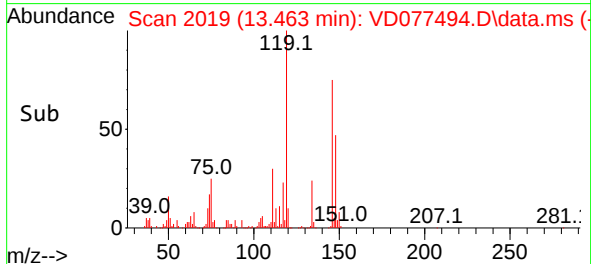
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



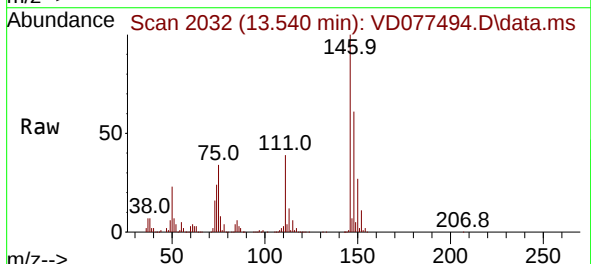
Tgt Ion:146 Resp: 295074
Ion Ratio Lower Upper
146 100
111 41.3 17.9 53.8
148 63.9 32.3 96.8

Manual Integrations
APPROVED

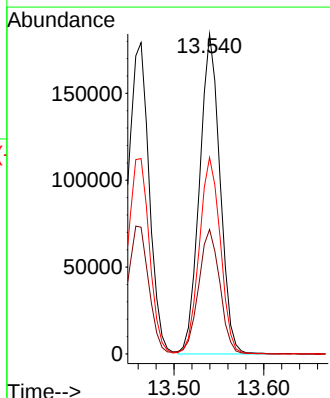
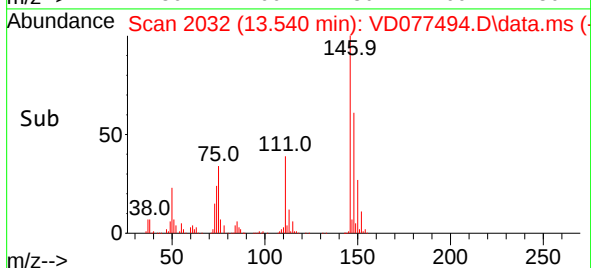
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

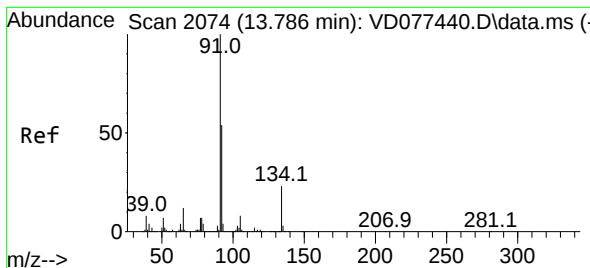


#88
1,4-Dichlorobenzene
Concen: 46.455 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



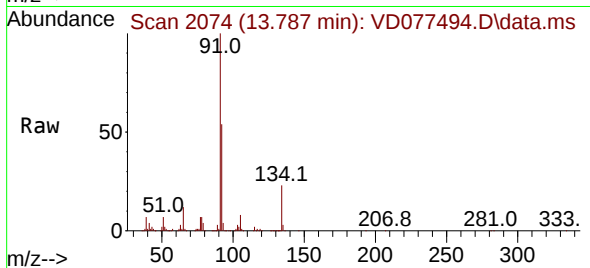
Tgt Ion:146 Resp: 291572
Ion Ratio Lower Upper
146 100
111 40.5 17.4 52.3
148 63.2 31.7 95.1





#89
n-Butylbenzene
Concen: 47.748 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

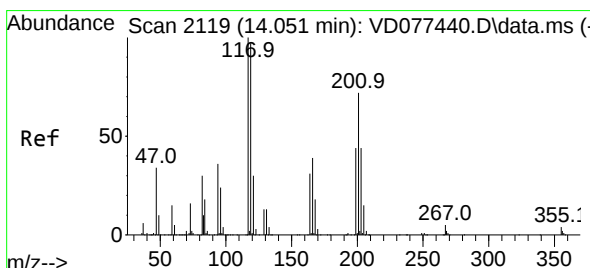
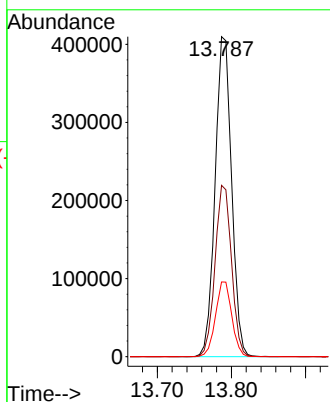
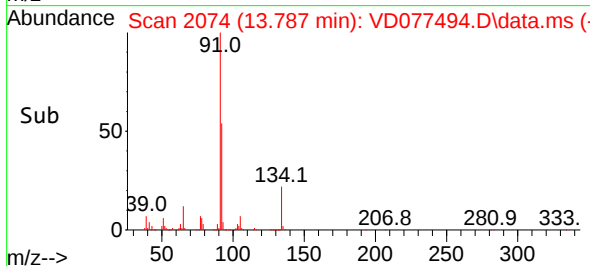
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 632197
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.5
134 23.2 13.8 41.3

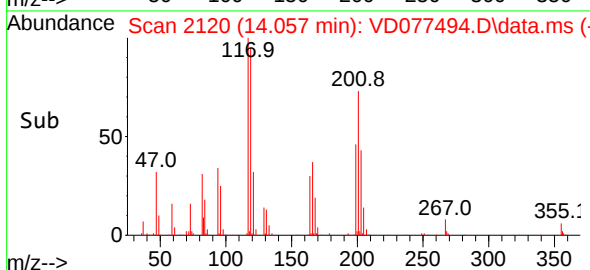
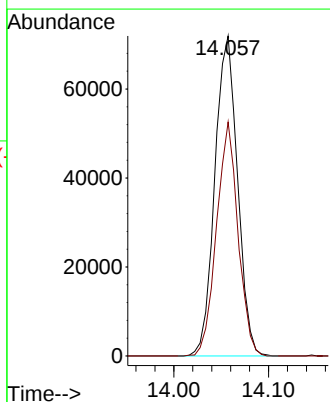
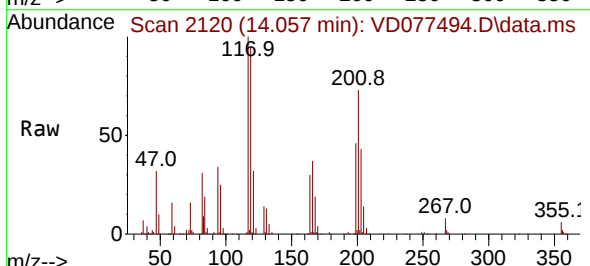
Manual Integrations
APPROVED

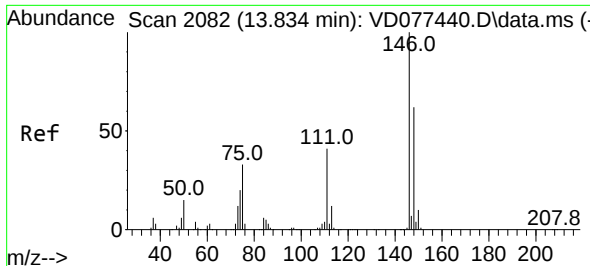
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 45.946 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion:117 Resp: 119771
Ion Ratio Lower Upper
117 100
201 69.3 38.5 115.5





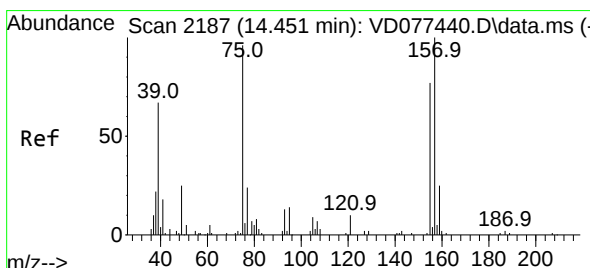
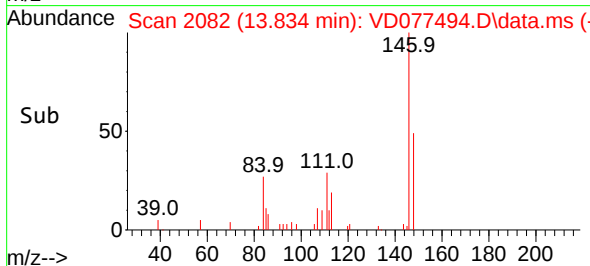
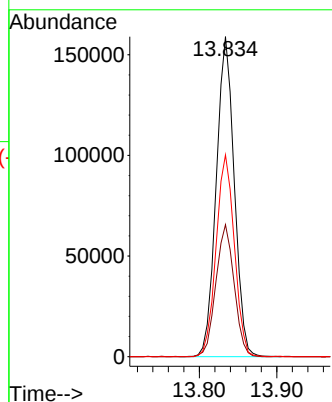
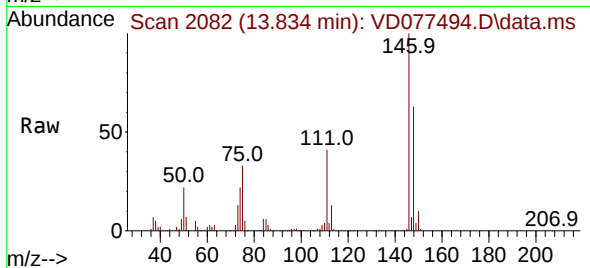
#91
1,2-Dichlorobenzene
Concen: 46.515 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 256799
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 63.8 31.6 94.7

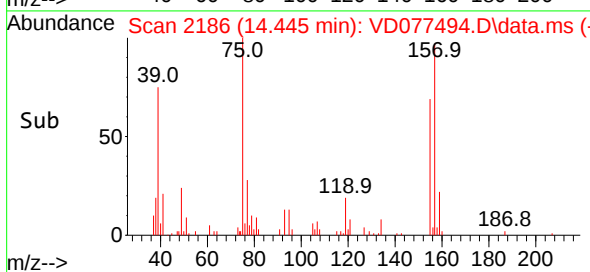
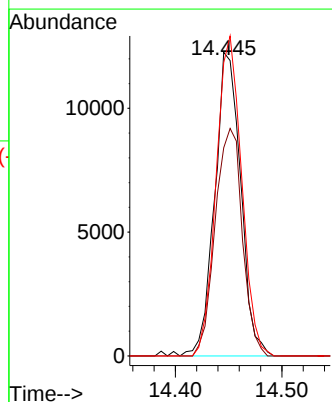
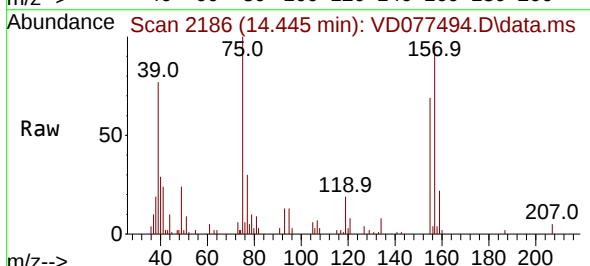
Manual Integrations
APPROVED

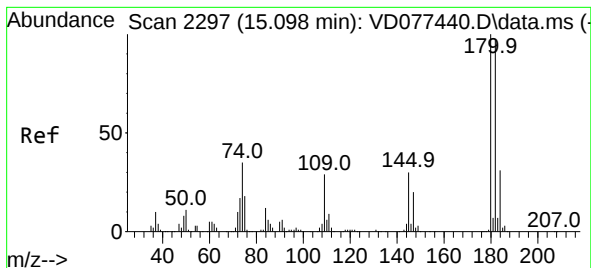
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.259 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

Tgt Ion: 75 Resp: 20741
Ion Ratio Lower Upper
75 100
155 78.1 47.9 143.8
157 103.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 45.228 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD077494.D

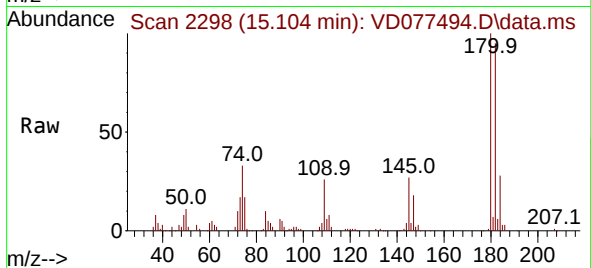
Acq: 03 Nov 2023 09:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 171536

Ion Ratio Lower Upper

180 100

182 93.6 48.5 145.6

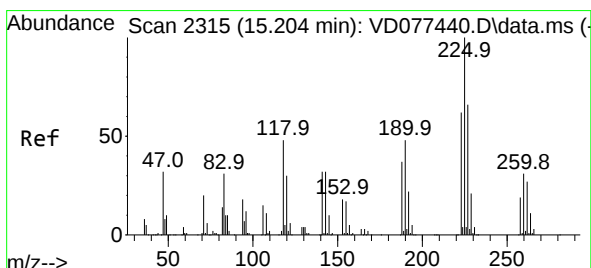
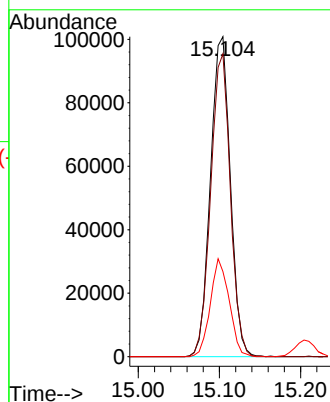
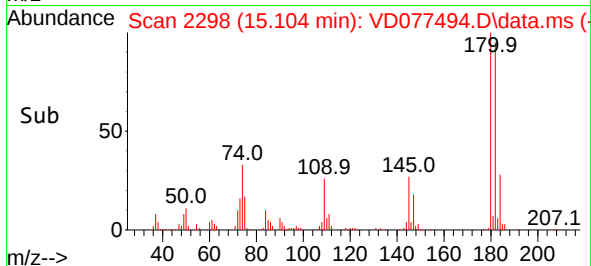
145 29.1 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#94

Hexachlorobutadiene

Concen: 43.718 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077494.D

Acq: 03 Nov 2023 09:15

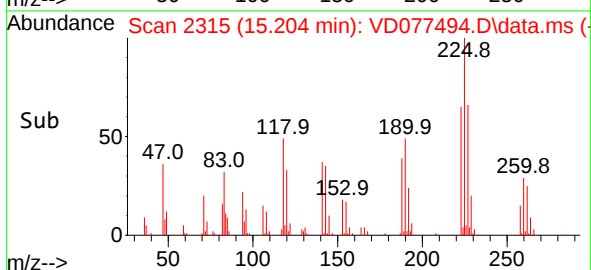
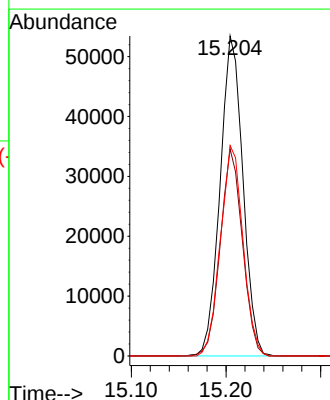
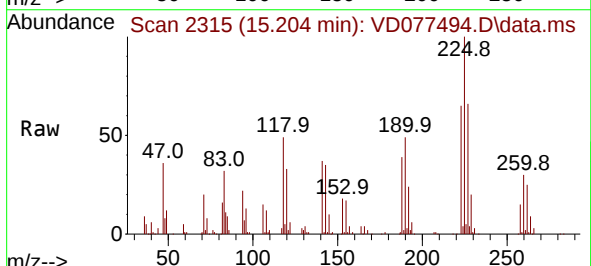
Tgt Ion:225 Resp: 89437

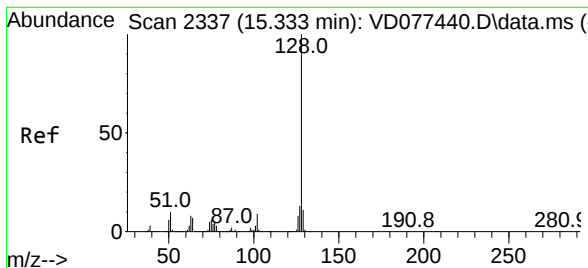
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

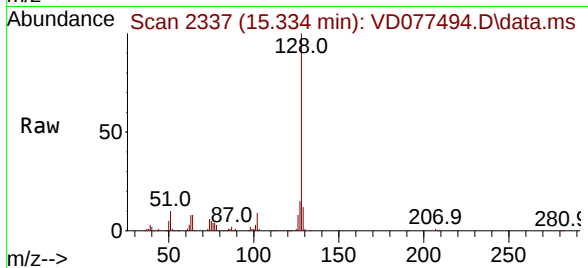
227 65.1 31.7 95.1





#95
Naphthalene
Concen: 45.719 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15

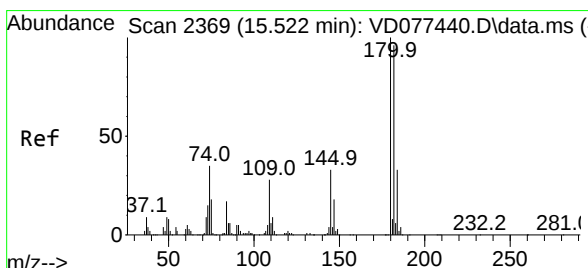
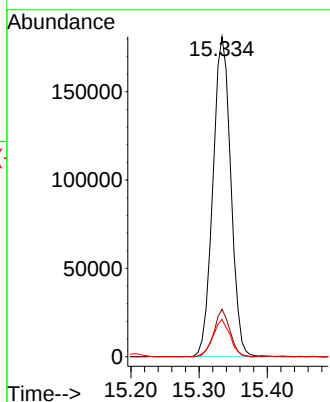
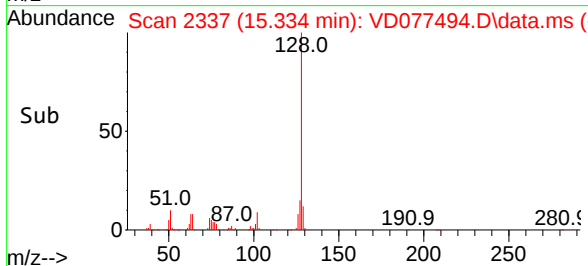
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



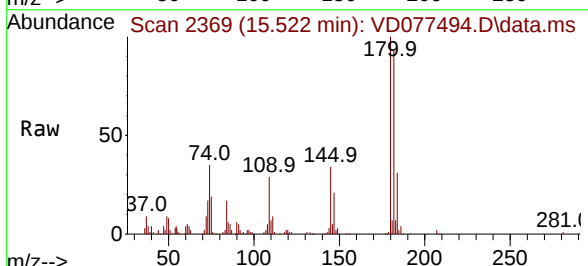
Tgt Ion:128 Resp: 330779
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.147 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077494.D
Acq: 03 Nov 2023 09:15



Tgt Ion:180 Resp: 144529
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 32.9 15.1 45.3

