

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077450.D
 Acq On : 30 Oct 2023 16:54
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 04:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	283396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	515161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	457373	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	206801	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	215139	53.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.805	113	183157	51.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.269	98	717210	51.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.575	95	237181	50.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.840%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	117608	51.467	ug/l	99
3) Chloromethane	2.152	50	224078	61.765	ug/l	98
4) Vinyl Chloride	2.287	62	219139	61.943	ug/l	97
5) Bromomethane	2.699	94	110637	59.681	ug/l	98
6) Chloroethane	2.840	64	145116	60.925	ug/l	100
7) Trichlorofluoromethane	3.181	101	277434	55.999	ug/l	99
8) Diethyl Ether	3.593	74	100544	56.458	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	3.975	101	162928	54.475	ug/l	94
10) Methyl Iodide	4.164	142	187435	49.647	ug/l #	89
11) Tert butyl alcohol	5.046	59	73769	232.390	ug/l	99
12) 1,1-Dichloroethene	3.946	96	160676	56.746	ug/l #	67
13) Acrolein	3.799	56	93609	223.622	ug/l	97
14) Allyl chloride	4.564	41	399436	58.477	ug/l #	82
15) Acrylonitrile	5.252	53	259684	269.747	ug/l	98
16) Acetone	4.022	43	262549	247.595	ug/l #	78
17) Carbon Disulfide	4.269	76	486181	55.240	ug/l	100
18) Methyl Acetate	4.564	43	219184	56.667	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	488248	54.934	ug/l #	91
20) Methylene Chloride	4.799	84	241745	61.183	ug/l #	63
21) trans-1,2-Dichloroethene	5.316	96	189816	57.561	ug/l #	75
22) Diisopropyl ether	6.216	45	824473	56.791	ug/l #	88
23) Vinyl Acetate	6.152	43	1647613m	263.064	ug/l	
24) 1,1-Dichloroethane	6.111	63	427410	56.739	ug/l	93
25) 2-Butanone	7.081	43	358076	253.164	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	346168	51.854	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	230445	56.407	ug/l	70
28) Bromochloromethane	7.422	49	255680	73.820	ug/l #	54
29) Tetrahydrofuran	7.446	42	227102	270.725	ug/l #	69
30) Chloroform	7.599	83	391930	55.723	ug/l	97
31) Cyclohexane	7.875	56	352211	56.224	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	322715	55.688	ug/l	95
36) 1,1-Dichloropropene	8.005	75	292326	55.374	ug/l	91
37) Ethyl Acetate	7.169	43	160004	52.813	ug/l #	89
38) Carbon Tetrachloride	7.993	117	264807	53.231	ug/l	96
39) Methylcyclohexane	9.275	83	335861	55.759	ug/l #	81
40) Benzene	8.252	78	843447	56.030	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	111520	57.528	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	258943	54.310	ug/l	90
43) Isopropyl Acetate	8.357	43	333034	53.268	ug/l #	79
44) Trichloroethene	9.028	130	199821	54.190	ug/l	84
45) 1,2-Dichloropropane	9.304	63	242636	54.748	ug/l	97
46) Dibromomethane	9.393	93	111288	52.179	ug/l	90
47) Bromodichloromethane	9.581	83	301067	53.406	ug/l	98
48) Methyl methacrylate	9.375	41	162342	54.397	ug/l #	63
49) 1,4-Dioxane	9.381	88	22780	993.992	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	800235	260.041	ug/l #	81
52) Toluene	10.334	92	499822	54.465	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	318232	53.312	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	369239	53.752	ug/l #	71
55) 1,1,2-Trichloroethane	10.734	97	147029	51.670	ug/l	94
56) Ethyl methacrylate	10.599	69	227410	53.751	ug/l #	60
57) 1,3-Dichloropropane	10.881	76	281609	52.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	606372	286.286	ug/l #	84
59) 2-Hexanone	10.922	43	564083	248.826	ug/l	77
60) Dibromochloromethane	11.075	129	179930	52.586	ug/l	97
61) 1,2-Dibromoethane	11.181	107	139850	51.898	ug/l	98
64) Tetrachloroethene	10.810	164	162456	55.790	ug/l	94
65) Chlorobenzene	11.610	112	513873	53.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	189785	52.413	ug/l	96
67) Ethyl Benzene	11.681	91	999445	54.210	ug/l	93
68) m/p-Xylenes	11.793	106	717144	107.718	ug/l	79
69) o-Xylene	12.122	106	342257	53.670	ug/l	77
70) Styrene	12.134	104	590240	53.652	ug/l #	90
71) Bromoform	12.304	173	100785	50.205	ug/l #	98
73) Isopropylbenzene	12.422	105	899754	53.364	ug/l	93
74) N-amyl acetate	12.234	43	310929	52.063	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	170770	51.669	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	130359m	51.792	ug/l	
77) Bromobenzene	12.698	156	196070	52.831	ug/l	70
78) n-propylbenzene	12.763	91	1142710	53.376	ug/l	92
79) 2-Chlorotoluene	12.851	91	643955	53.124	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	755488	53.401	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	64939	49.837	ug/l #	83
82) 4-Chlorotoluene	12.945	91	665840	52.734	ug/l	88
83) tert-Butylbenzene	13.169	119	625847	52.616	ug/l	88
84) 1,2,4-Trimethylbenzene	13.210	105	744815	52.998	ug/l	92
85) sec-Butylbenzene	13.345	105	964842	53.015	ug/l	94
86) p-Isopropyltoluene	13.463	119	776182	52.469	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	381695	52.322	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	381060	52.282	ug/l	97
89) n-Butylbenzene	13.787	91	815039	53.009	ug/l	97
90) Hexachloroethane	14.057	117	162836	53.792	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	333699	52.050	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	27588	49.548	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	225899	51.290	ug/l	97
94) Hexachlorobutadiene	15.204	225	122135	51.410	ug/l	100
95) Naphthalene	15.334	128	430708	51.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	195633	51.459	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

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

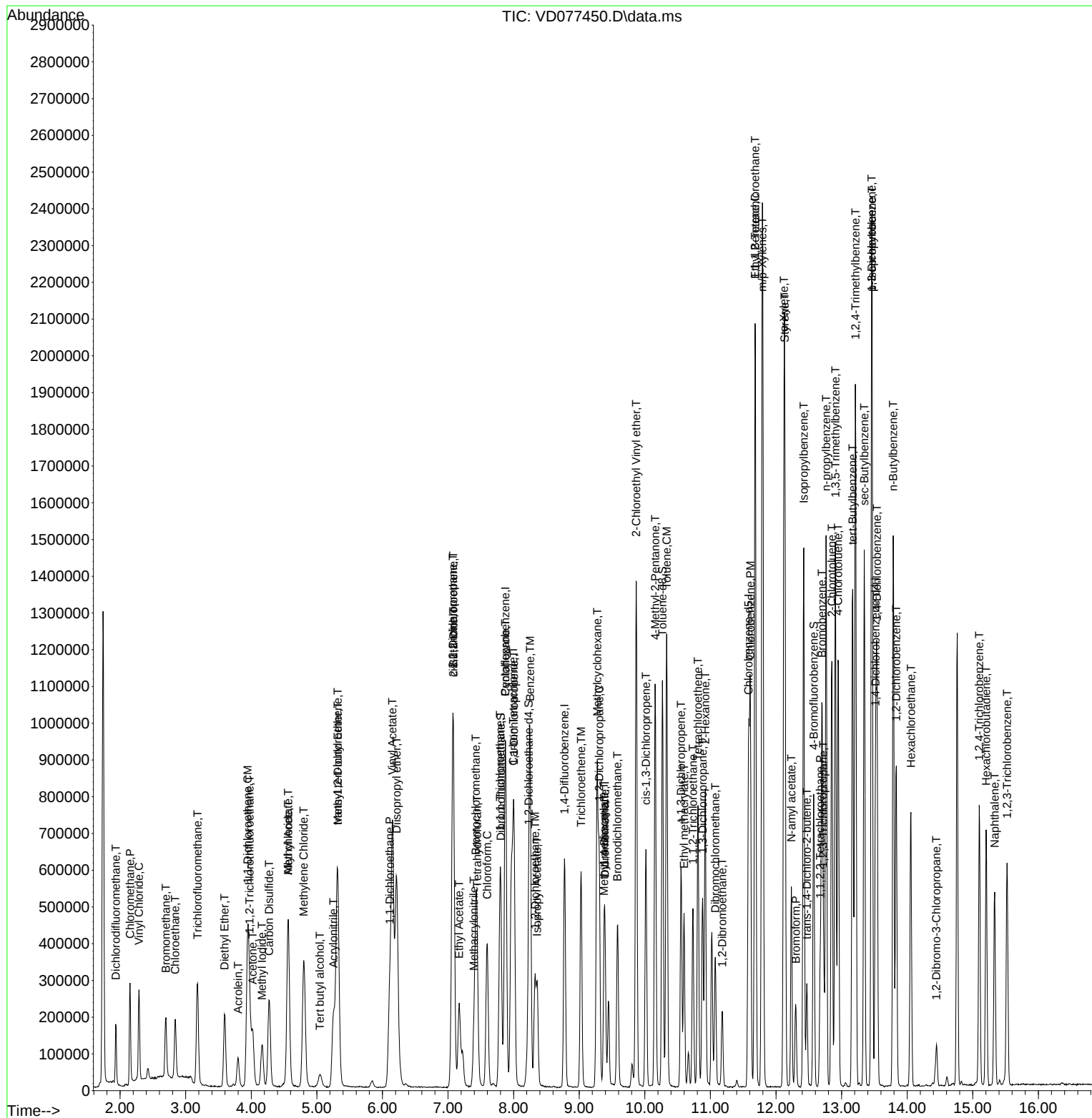
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
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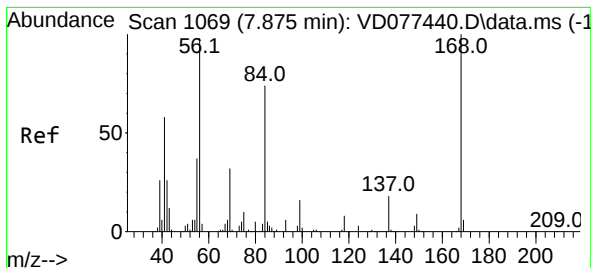
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Manual Integrations APPROVED

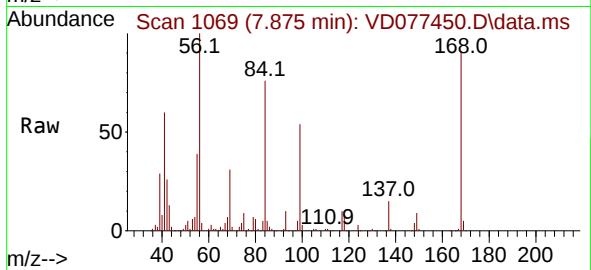
Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

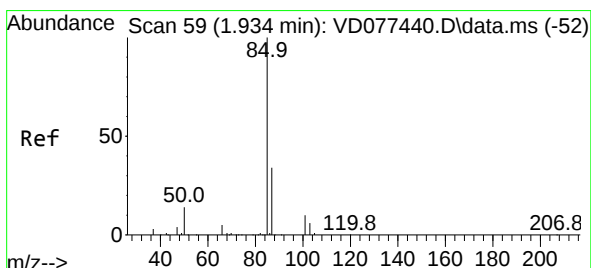
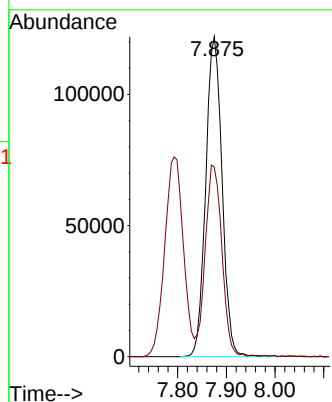
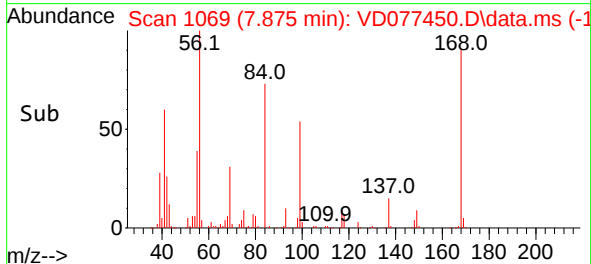
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



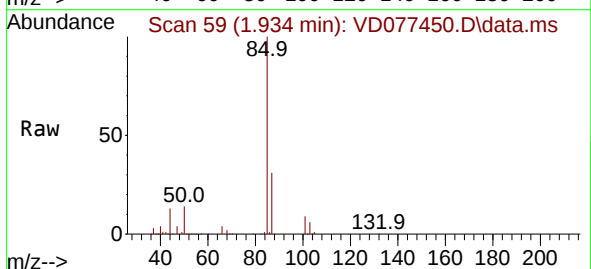
Tgt Ion:168 Resp: 283390
Ion Ratio Lower Upper
168 100
99 59.0 36.7 55.1

Manual Integrations
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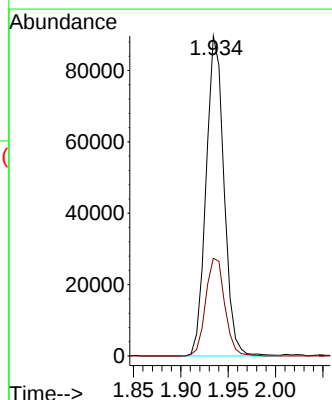
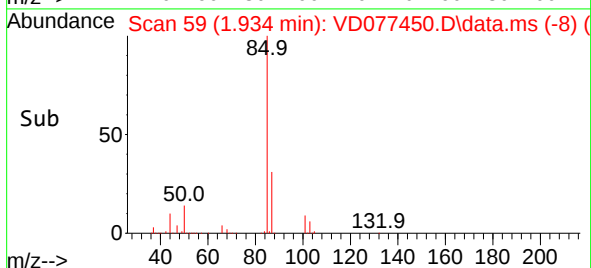
Reviewed By :John Carlone 10/31/2023
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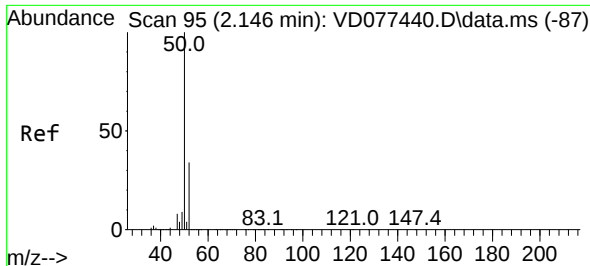


#2
Dichlorodifluoromethane
Concen: 51.467 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



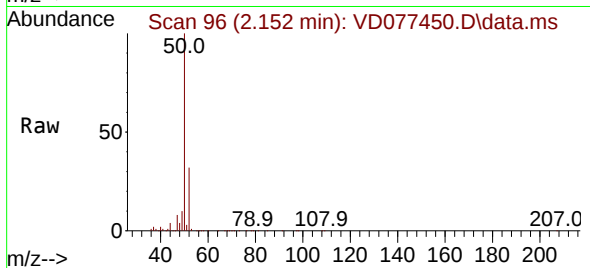
Tgt Ion: 85 Resp: 117608
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0





#3
Chloromethane
Concen: 61.765 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

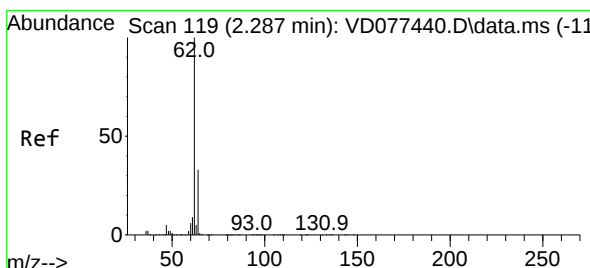
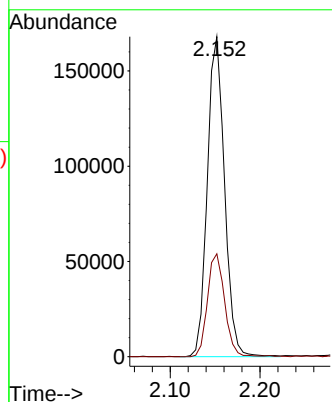
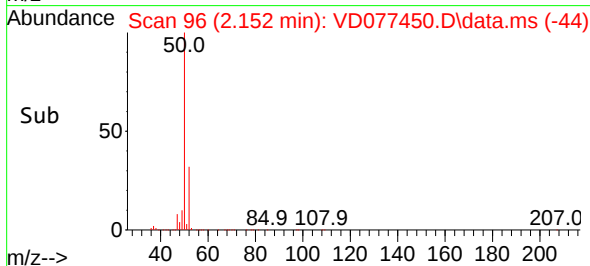
Instrument :
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Tgt Ion: 50 Resp: 224078
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

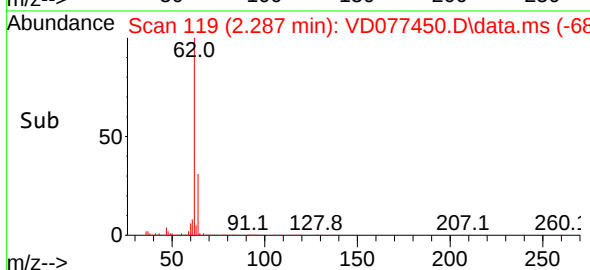
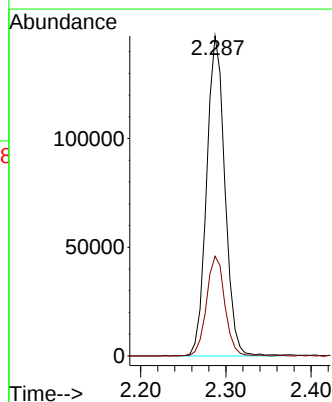
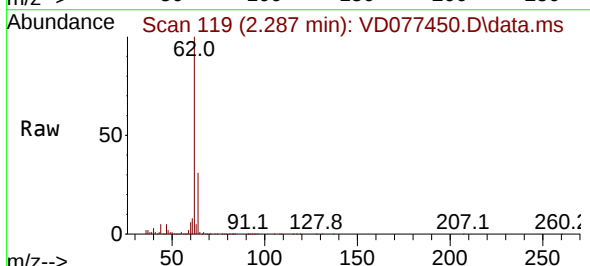
Manual Integrations
APPROVED

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



#4
Vinyl Chloride
Concen: 61.943 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

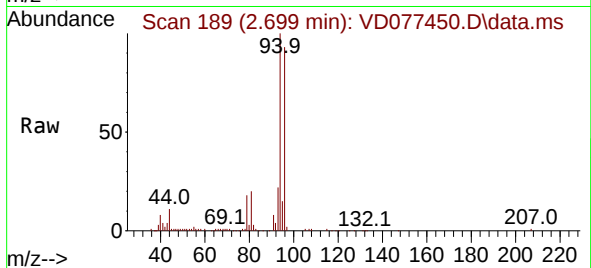
Tgt Ion: 62 Resp: 219139
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5
Bromomethane
Concen: 59.681 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

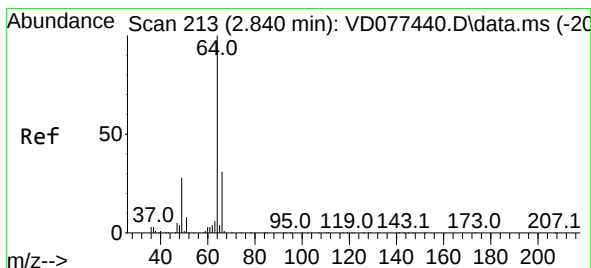
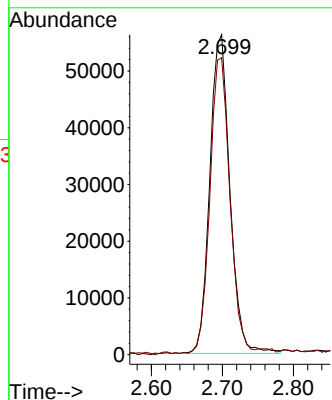
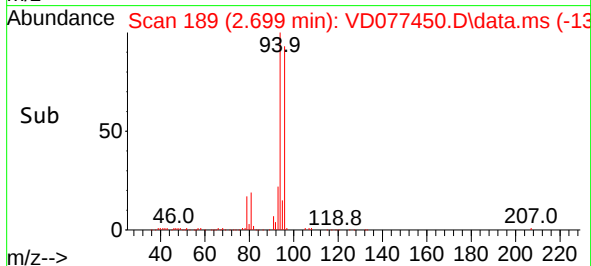
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 11063
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8

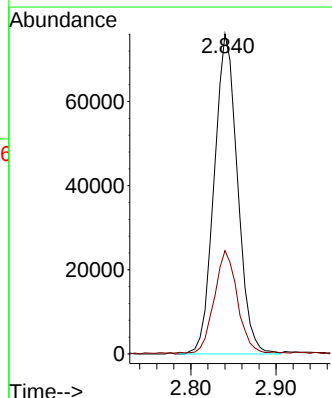
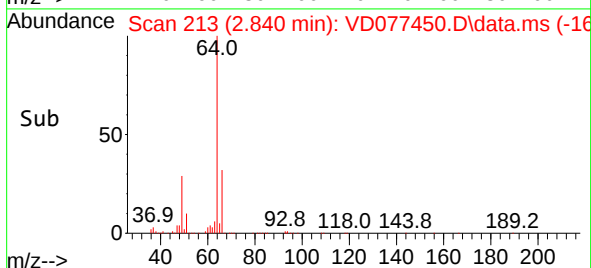
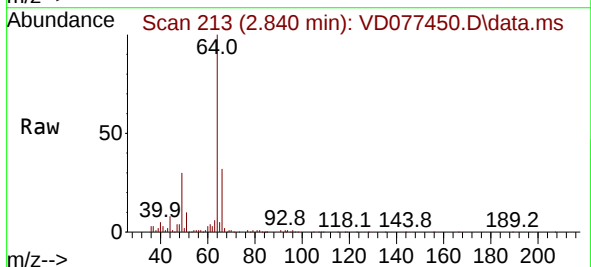
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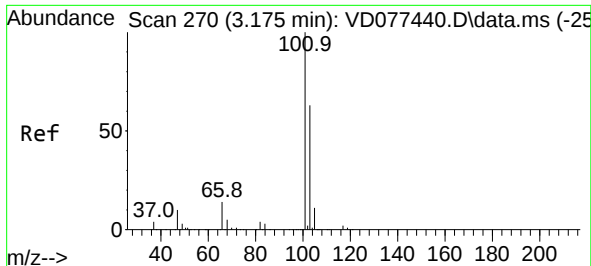
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#6
Chloroethane
Concen: 60.925 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

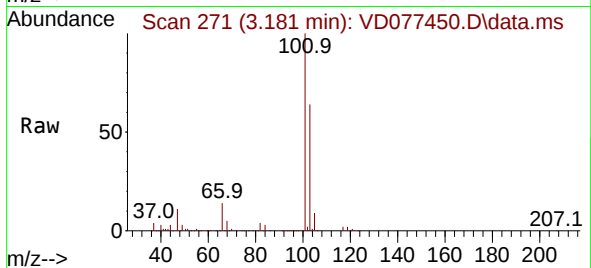
Tgt Ion: 64 Resp: 145116
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 55.999 ug/l
 RT: 3.181 min Scan# 270
 Delta R.T. 0.006 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

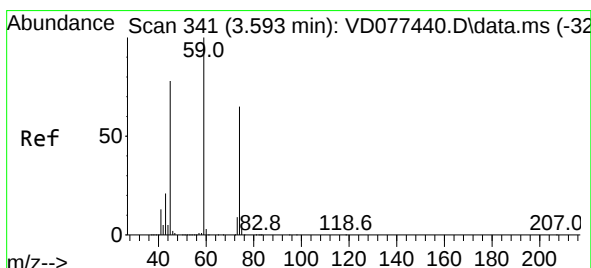
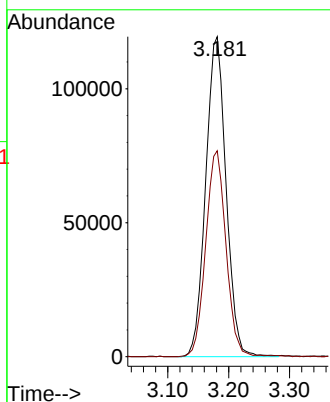
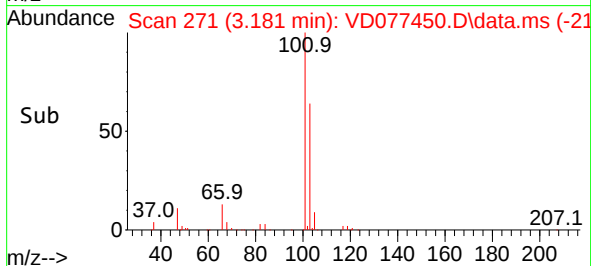
Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:101 Resp: 277434
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

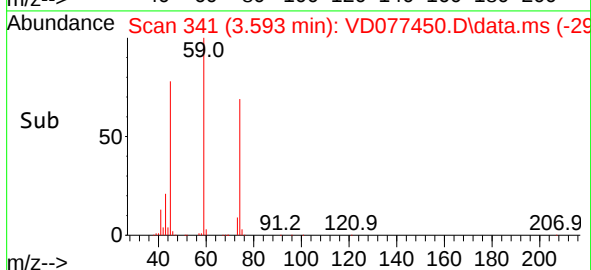
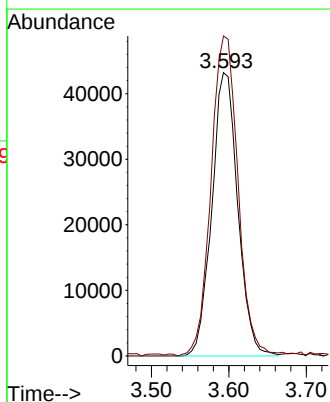
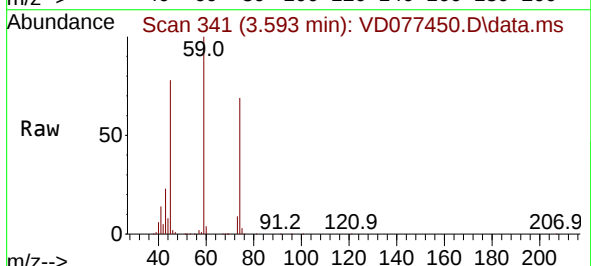
Manual Integrations
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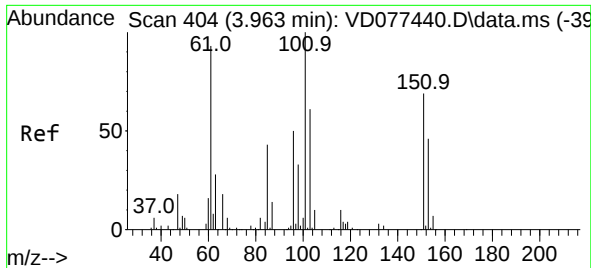
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#8
 Diethyl Ether
 Concen: 56.458 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion: 74 Resp: 100544
 Ion Ratio Lower Upper
 74 100
 45 117.9 37.5 112.7#





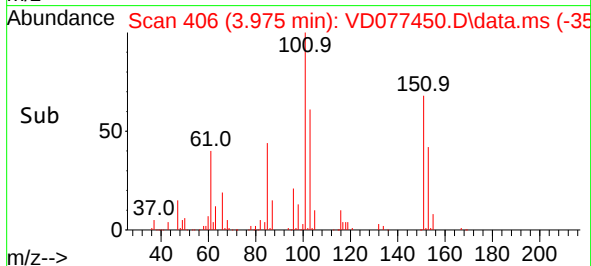
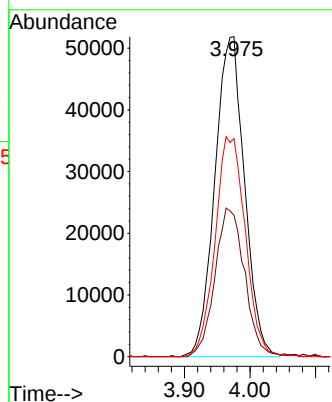
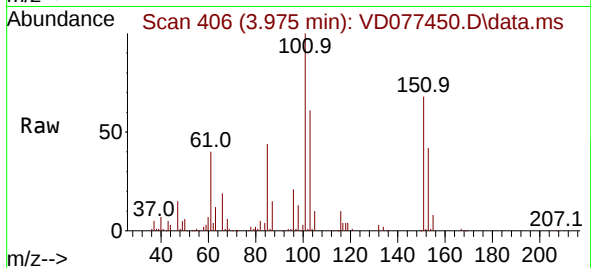
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.475 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 162928
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 70.2 59.8 89.6

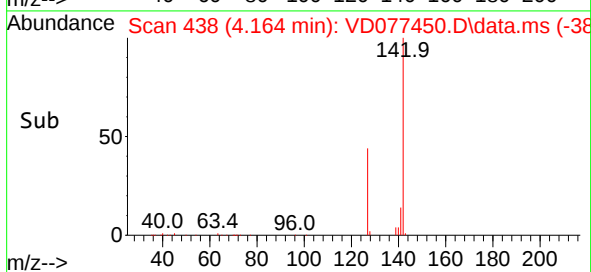
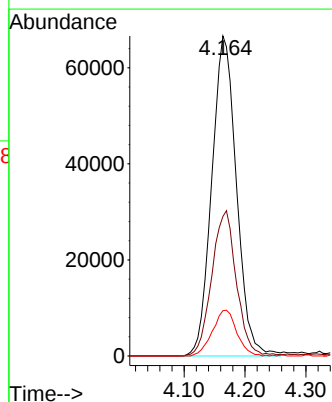
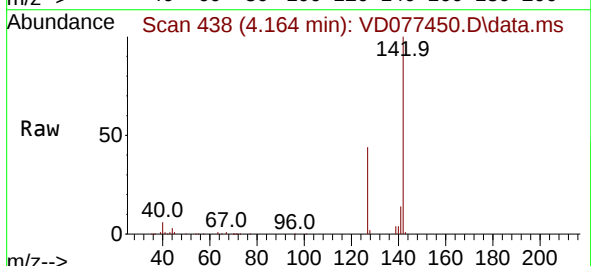
Manual Integrations
APPROVED

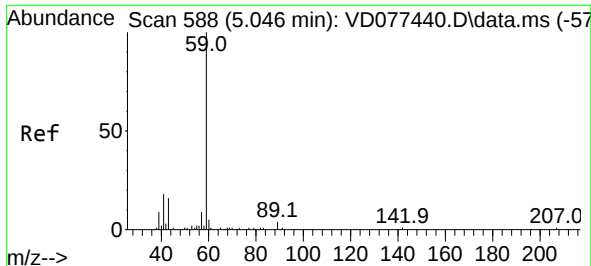
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 49.647 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

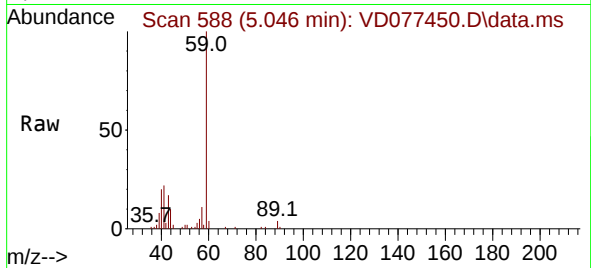
Tgt Ion:142 Resp: 187435
Ion Ratio Lower Upper
142 100
127 45.4 29.4 44.0#
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 232.390 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

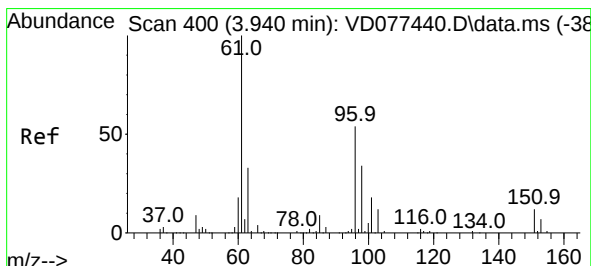
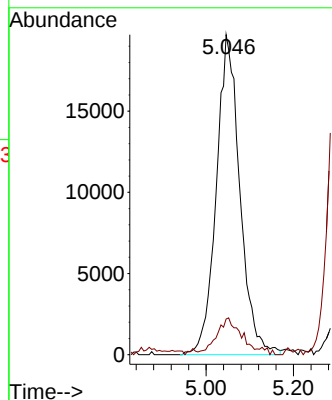
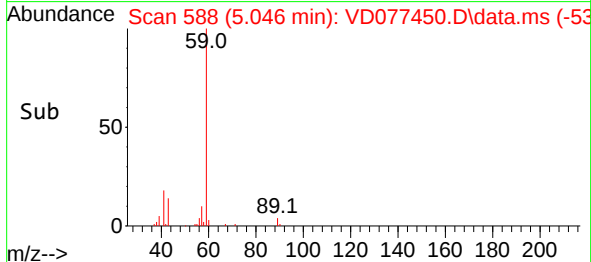
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



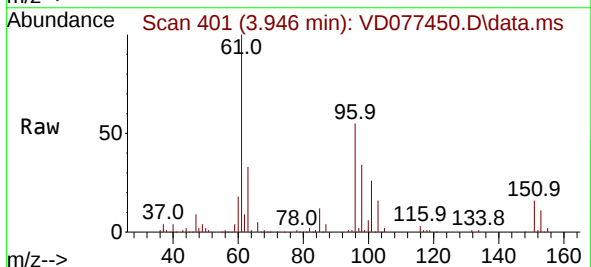
Tgt Ion: 59 Resp: 73769
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

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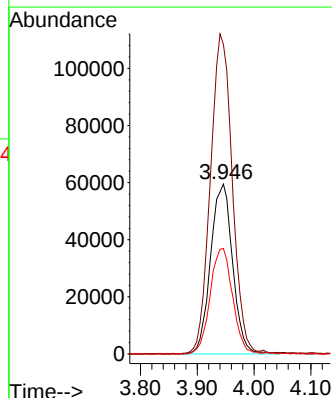
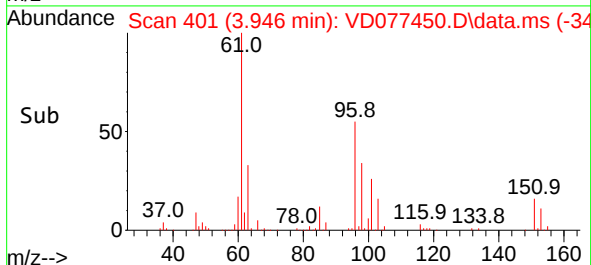
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

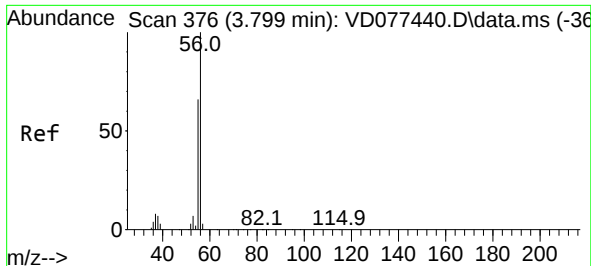


#12
1,1-Dichloroethene
Concen: 56.746 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



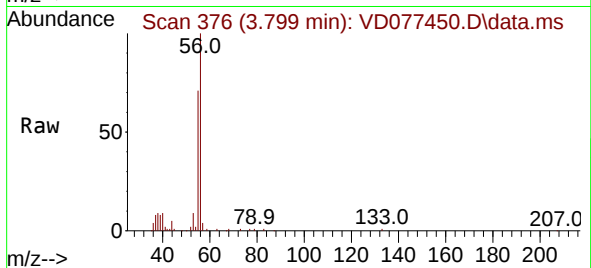
Tgt Ion: 96 Resp: 160676
Ion Ratio Lower Upper
96 100
61 181.9 100.6 150.8#
98 62.1 50.2 75.2





#13
Acrolein
Concen: 223.622 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

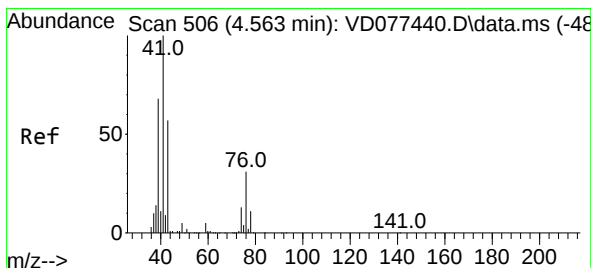
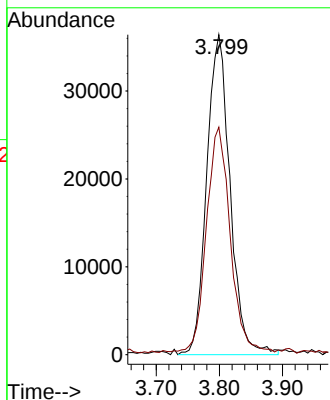
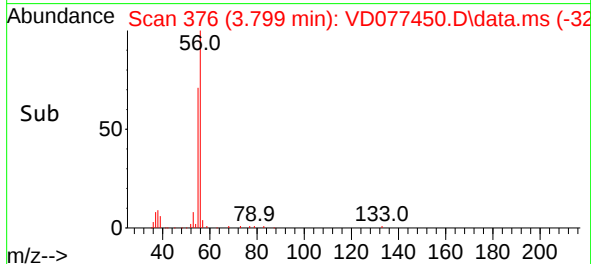
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 93609
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7

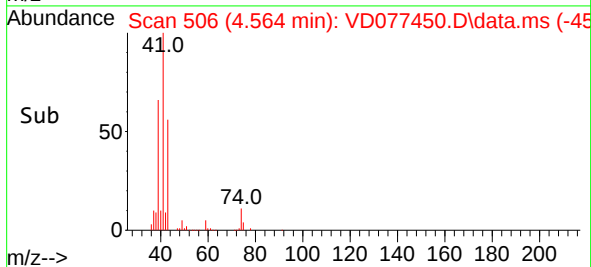
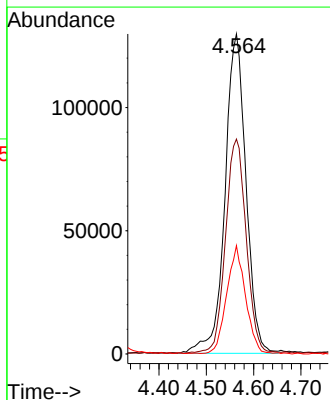
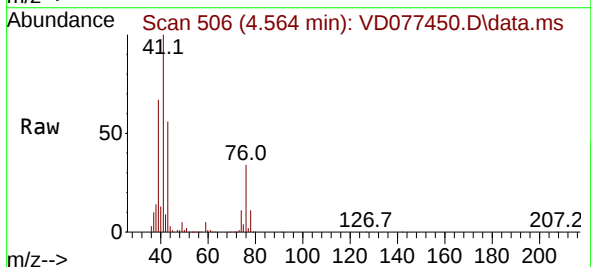
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 58.477 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

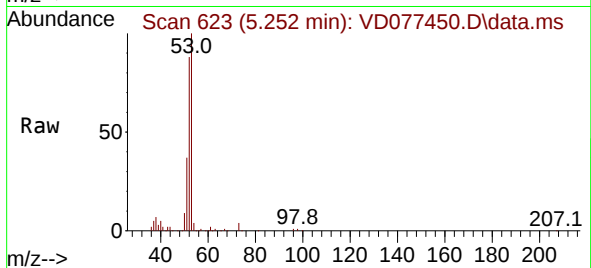
Tgt Ion: 41 Resp: 399436
Ion Ratio Lower Upper
41 100
39 66.1 53.8 80.6
76 30.1 45.8 68.8#





#15
Acrylonitrile
Concen: 269.747 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

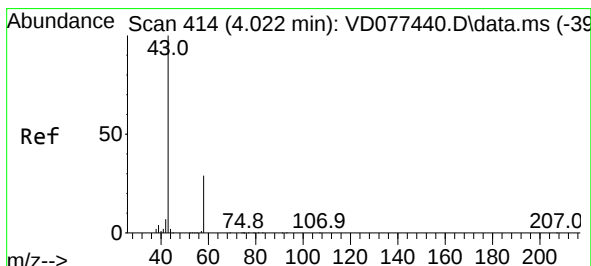
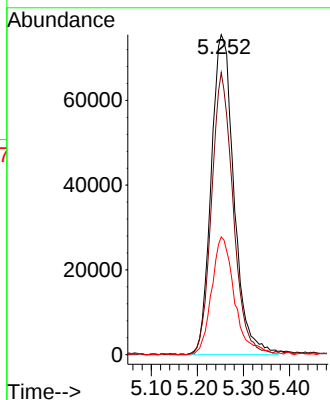
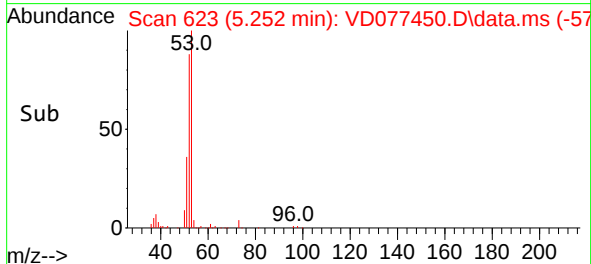
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 259684
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 37.2 28.3 42.5

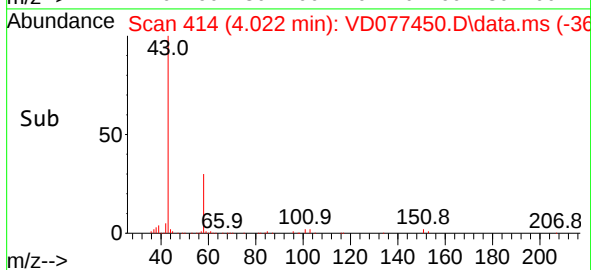
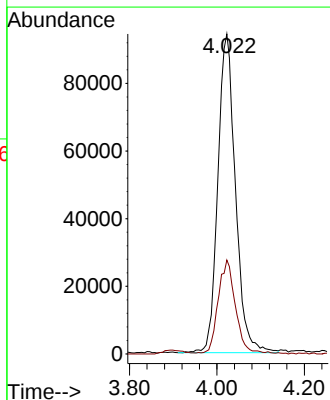
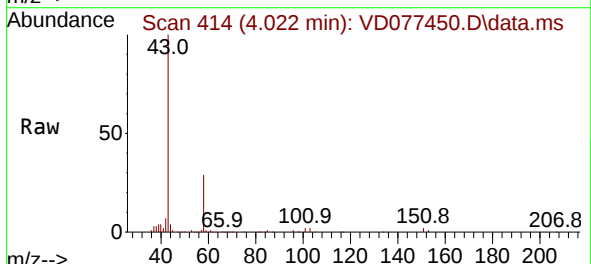
Manual Integrations
APPROVED

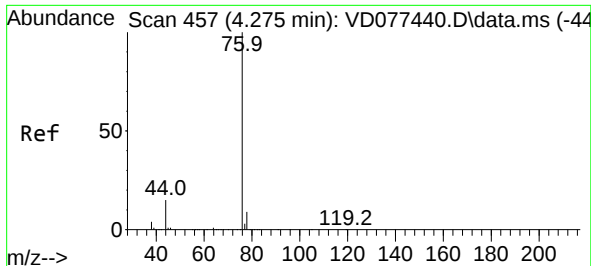
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 247.595 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 43 Resp: 262549
Ion Ratio Lower Upper
43 100
58 29.1 34.7 52.1#





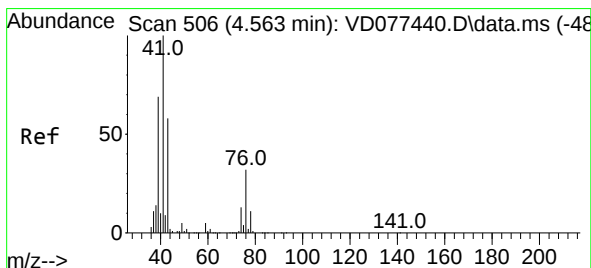
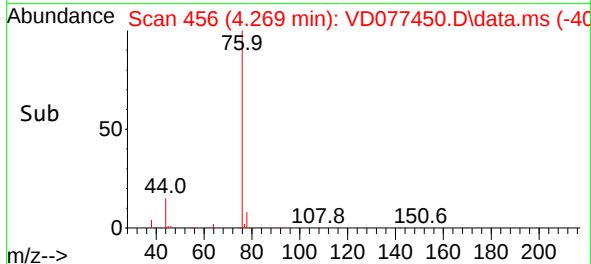
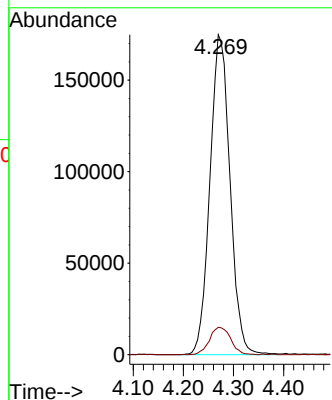
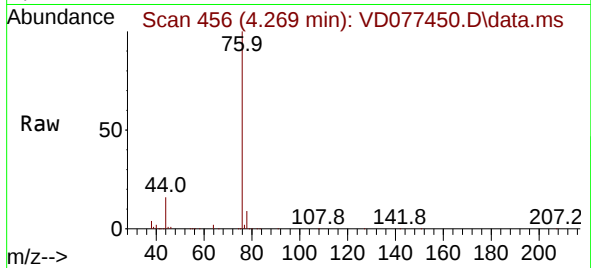
#17
Carbon Disulfide
Concen: 55.240 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 48618
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

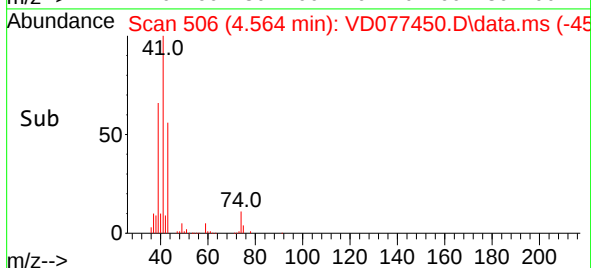
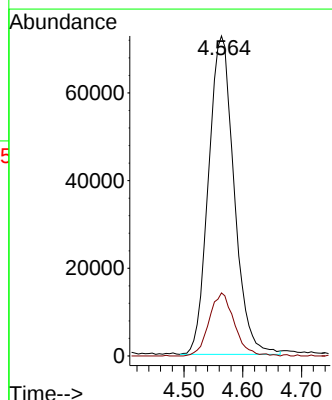
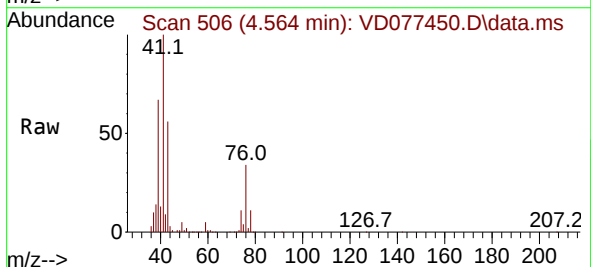
Manual Integrations
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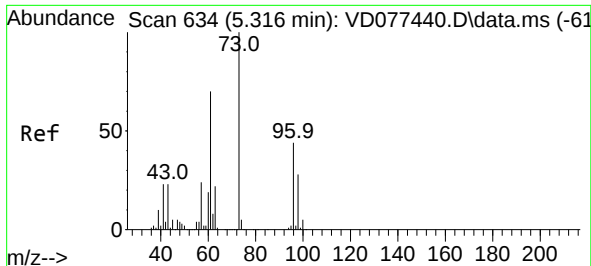
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 56.667 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

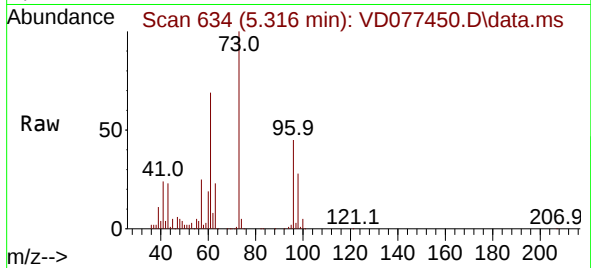
Tgt Ion: 43 Resp: 219184
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 54.934 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

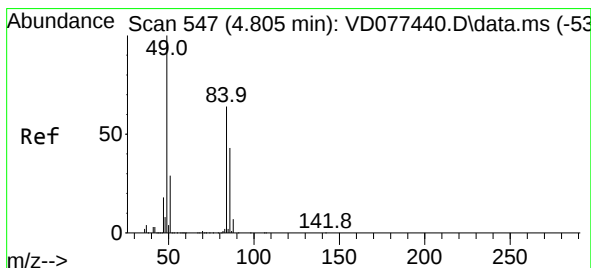
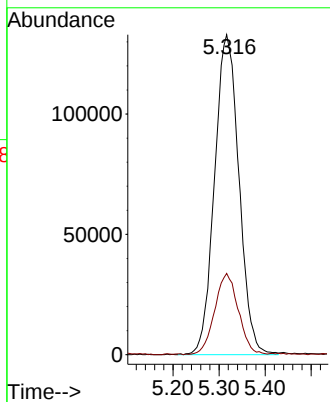
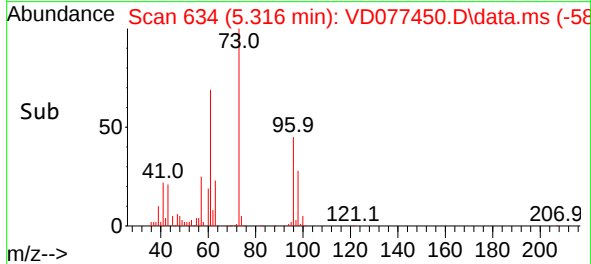
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 488248
Ion Ratio Lower Upper
73 100
57 25.2 16.6 25.0

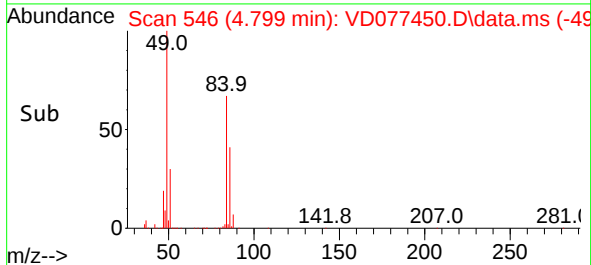
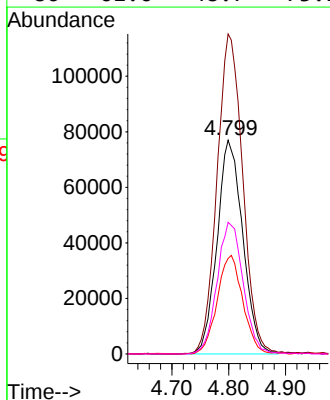
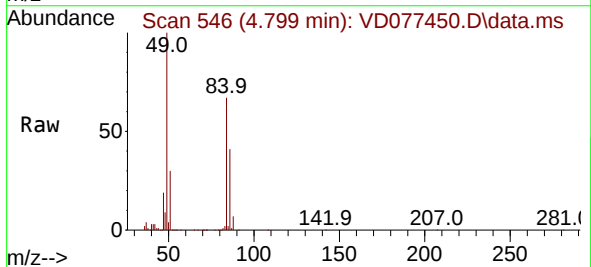
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 61.183 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

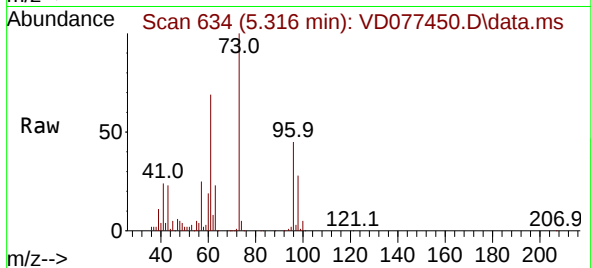
Tgt Ion: 84 Resp: 241745
Ion Ratio Lower Upper
84 100
49 149.7 71.4 107.2#
51 44.7 24.5 36.7#
86 61.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 57.561 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

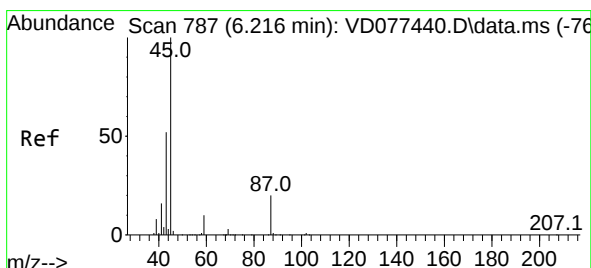
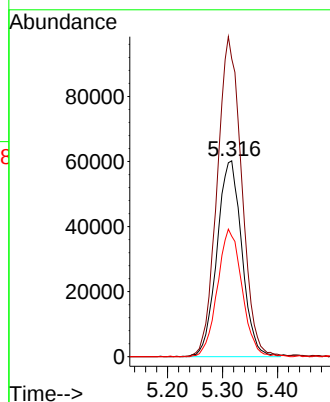
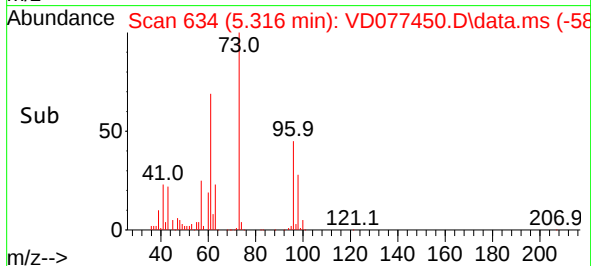
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 189810
Ion Ratio Lower Upper
96 100
61 152.1 89.3 133.9#
98 61.6 48.6 73.0

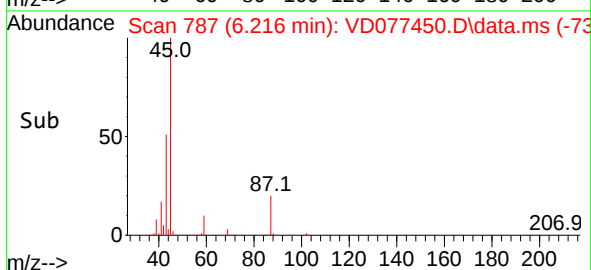
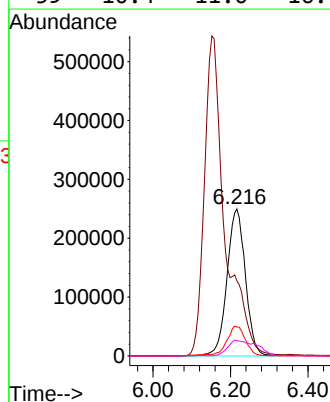
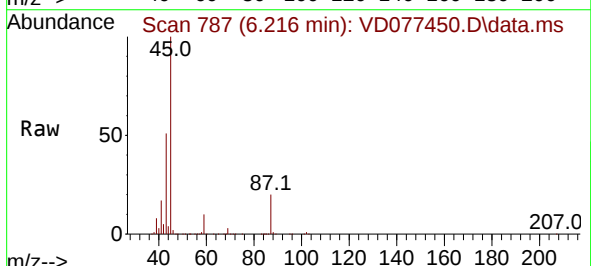
Manual Integrations
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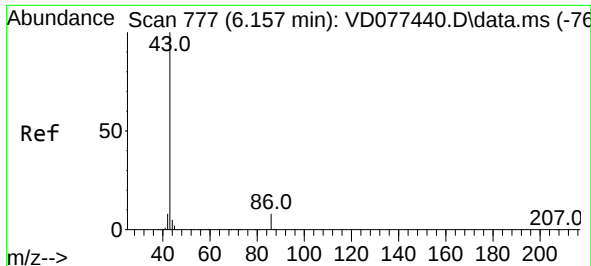
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 56.791 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

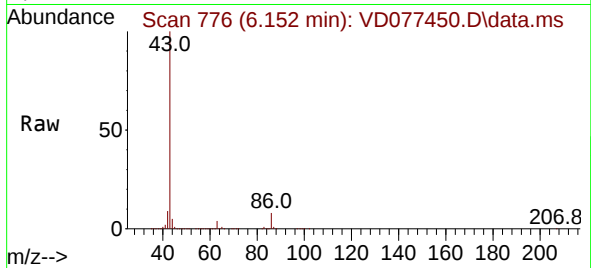
Tgt Ion: 45 Resp: 824473
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 19.6 28.2 42.4#
59 10.4 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 263.064 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

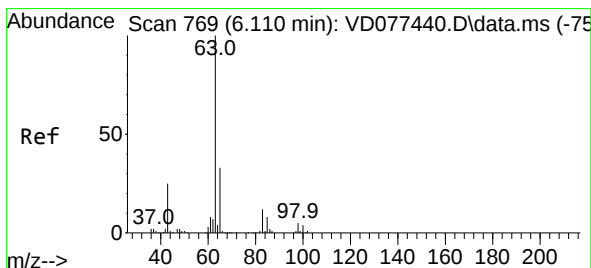
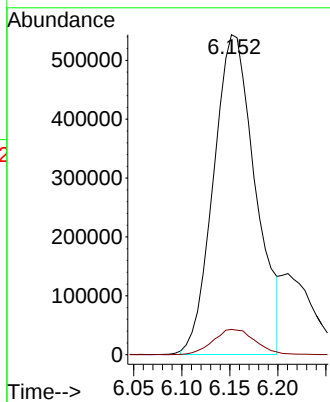
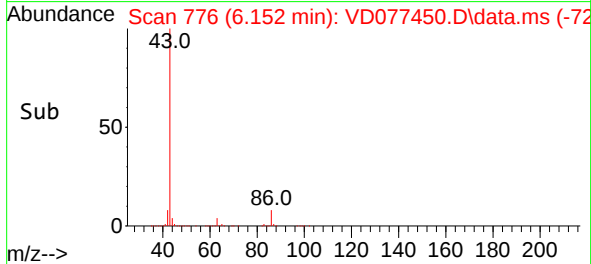
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



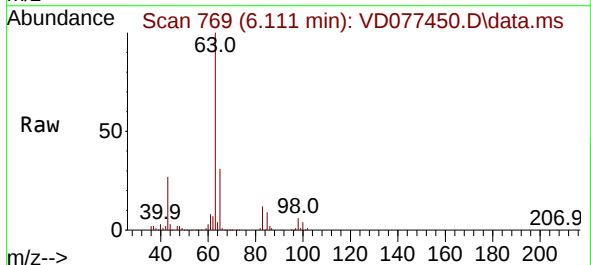
Tgt Ion: 43 Resp: 164761
 Ion Ratio Lower Upper
 43 100
 86 7.9 12.5 18.7

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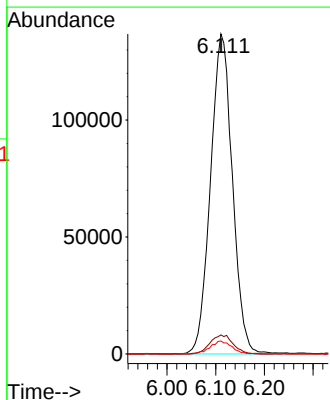
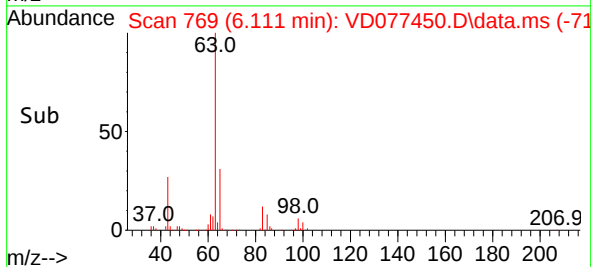
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

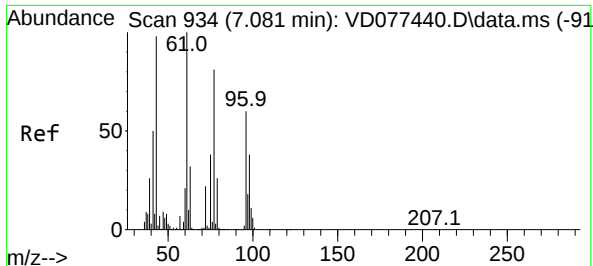


#24
 1,1-Dichloroethane
 Concen: 56.739 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54



Tgt Ion: 63 Resp: 427410
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 4.0 2.5 7.5





#25

2-Butanone

Concen: 253.164 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 358070

Ion Ratio Lower Upper

43 100

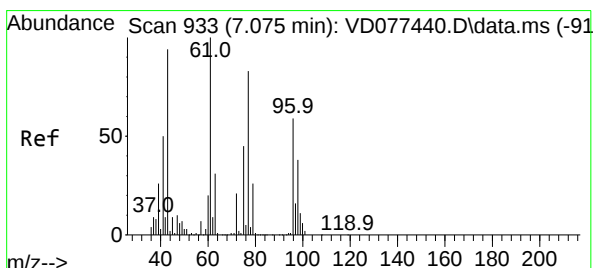
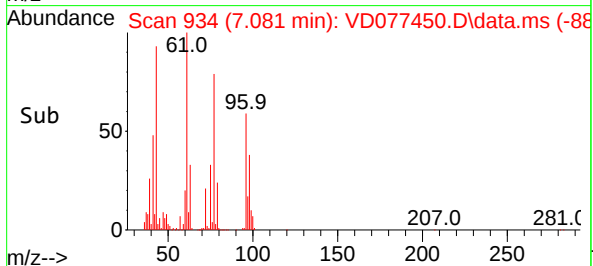
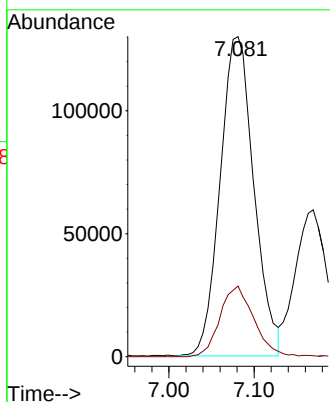
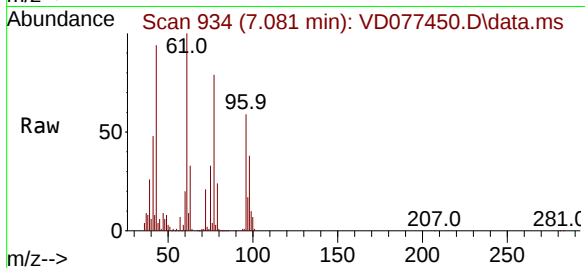
72 22.1 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#26

2,2-Dichloropropane

Concen: 51.854 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077450.D

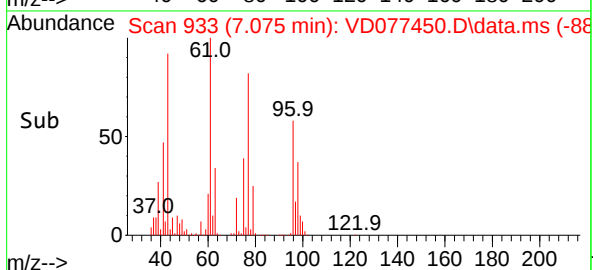
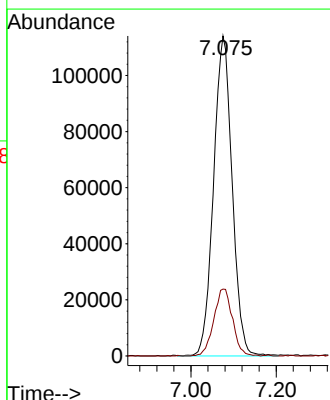
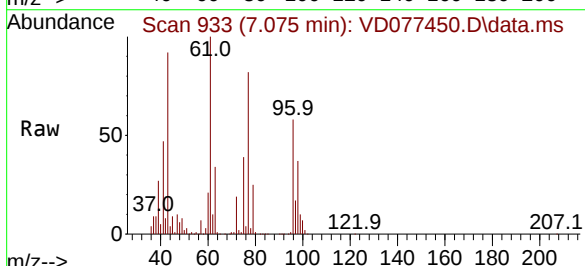
Acq: 30 Oct 2023 16:54

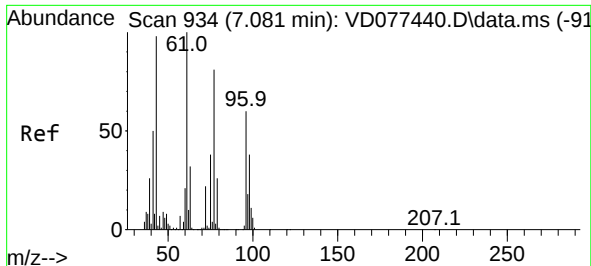
Tgt Ion: 77 Resp: 346168

Ion Ratio Lower Upper

77 100

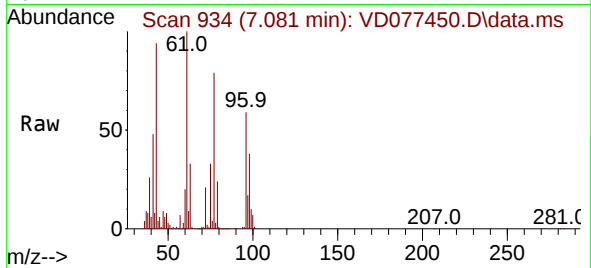
97 21.1 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 56.407 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

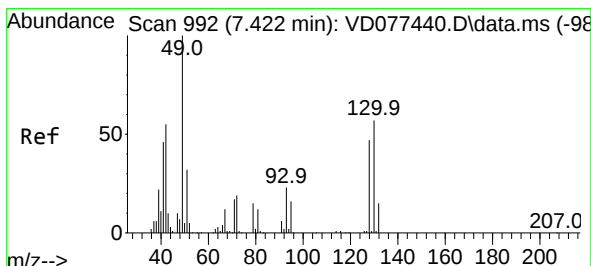
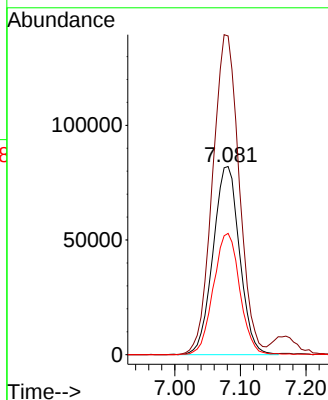
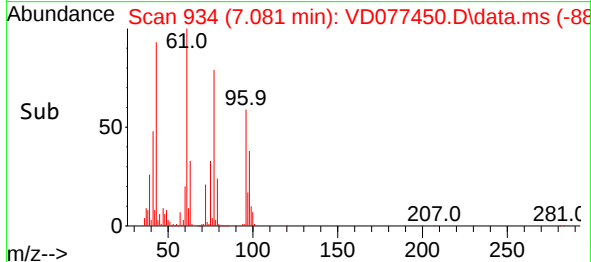
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



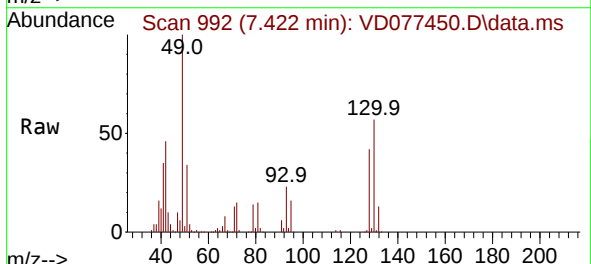
Tgt Ion: 96 Resp: 230445
 Ion Ratio Lower Upper
 96 100
 61 171.2 0.0 239.2
 98 64.3 0.0 128.6

Manual Integrations
 APPROVED

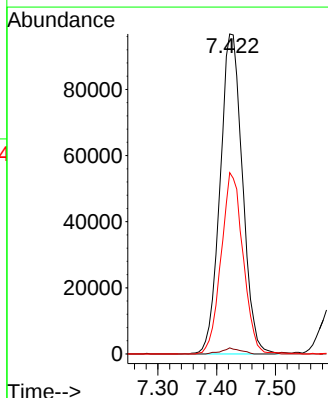
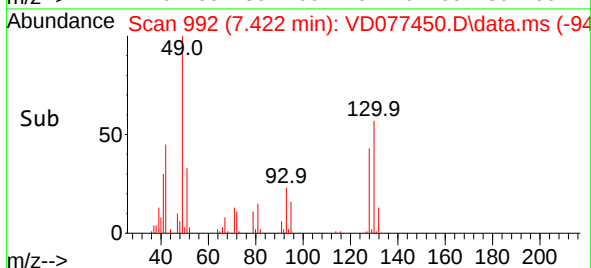
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

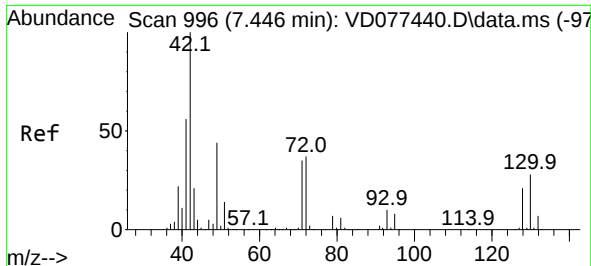


#28
 Bromochloromethane
 Concen: 73.820 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54



Tgt Ion: 49 Resp: 255680
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 55.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 270.725 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 22710

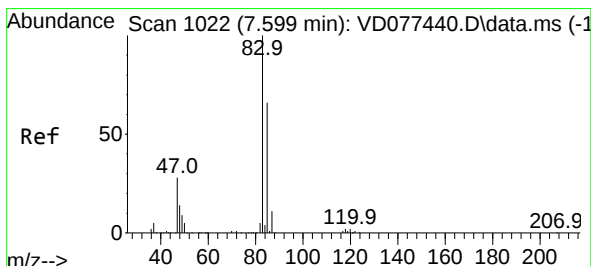
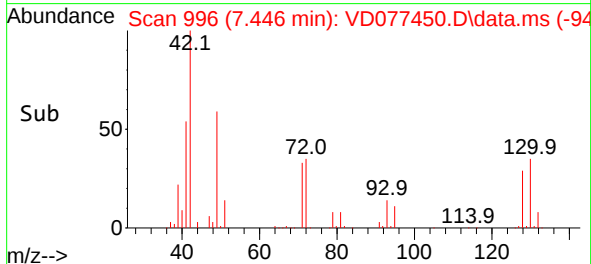
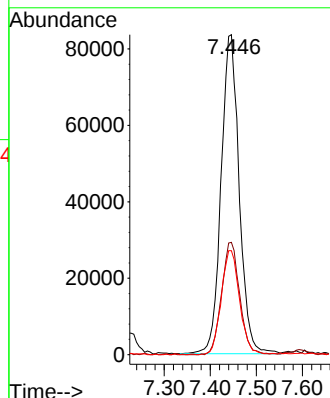
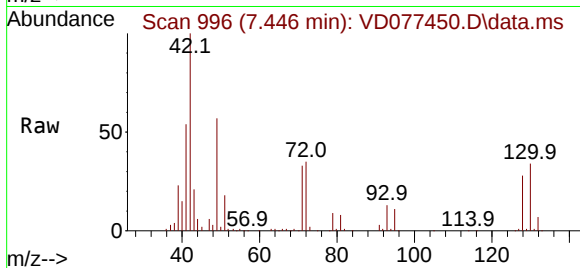
Ion	Ratio	Lower	Upper
42	100		
72	35.2	46.5	69.7
71	33.1	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 55.723 ug/l

RT: 7.599 min Scan# 1022

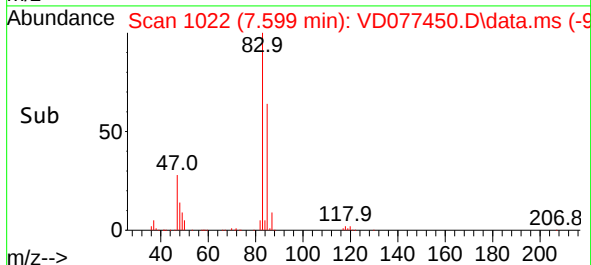
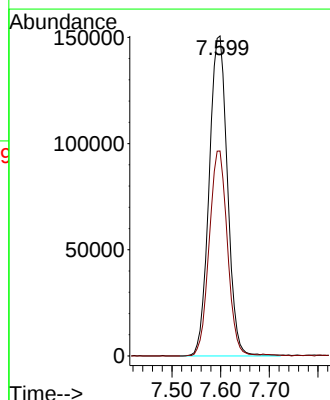
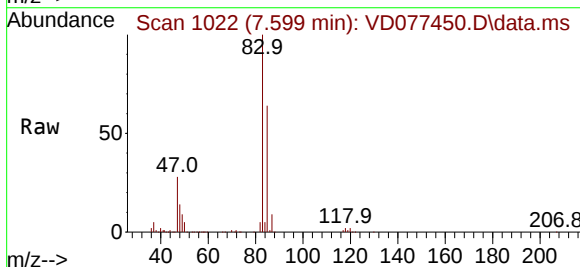
Delta R.T. 0.000 min

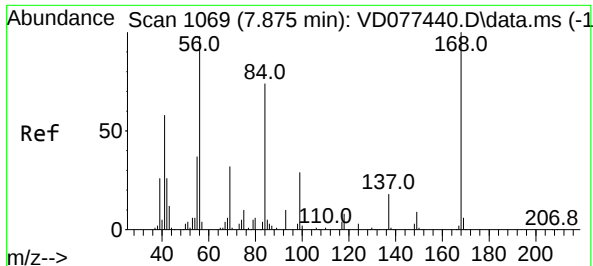
Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Tgt Ion: 83 Resp: 391930

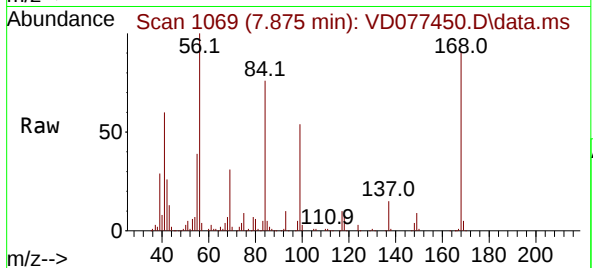
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.4	80.2





#31
Cyclohexane
Concen: 56.224 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

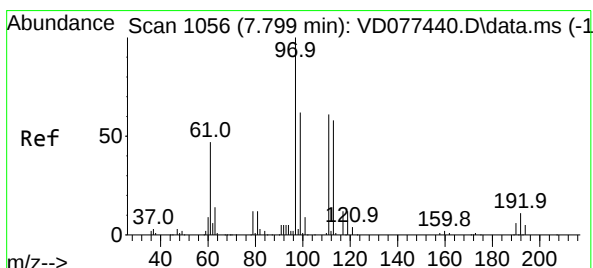
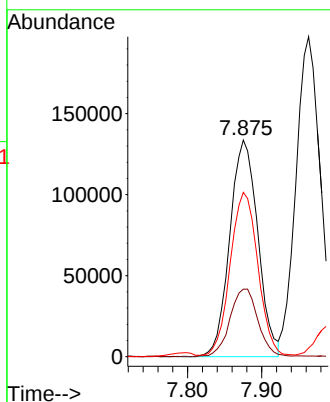
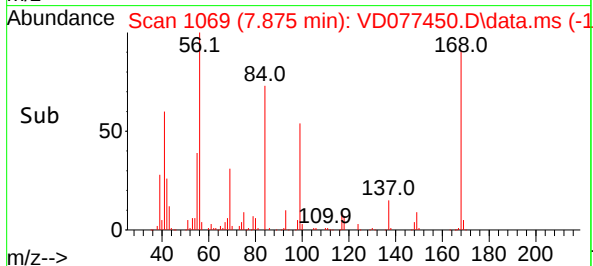
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 352215
Ion Ratio Lower Upper
56 100
69 31.0 28.6 43.0
84 74.2 84.8 127.2

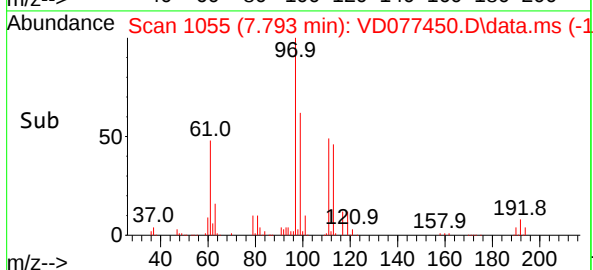
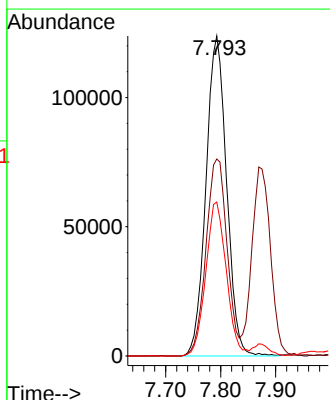
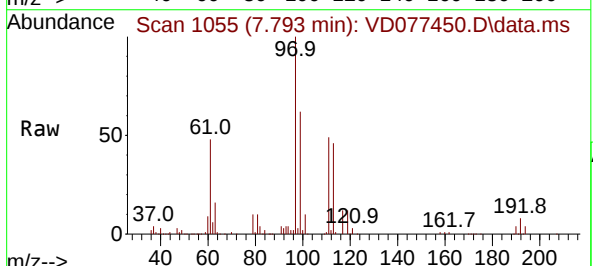
Manual Integrations
APPROVED

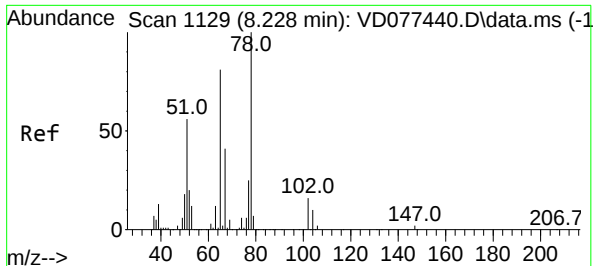
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 55.688 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 97 Resp: 322715
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 48.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.686 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 215139

Ion Ratio Lower Upper

65 100

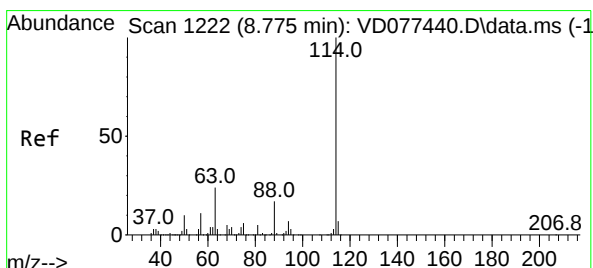
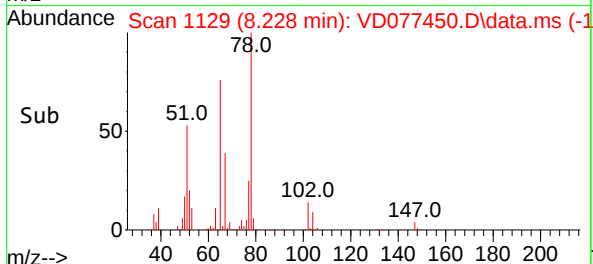
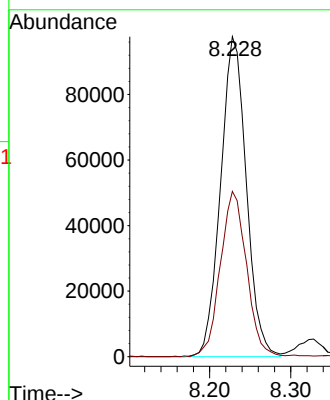
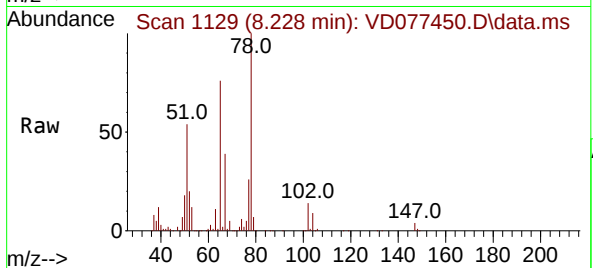
67 52.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

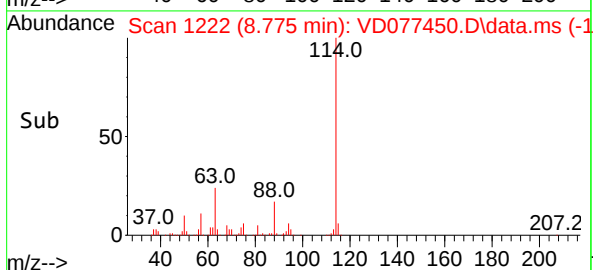
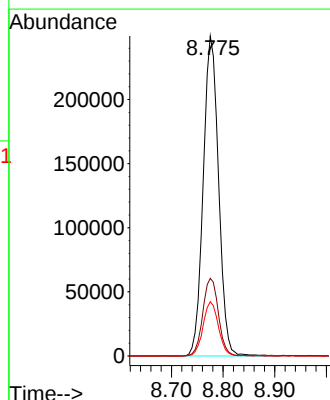
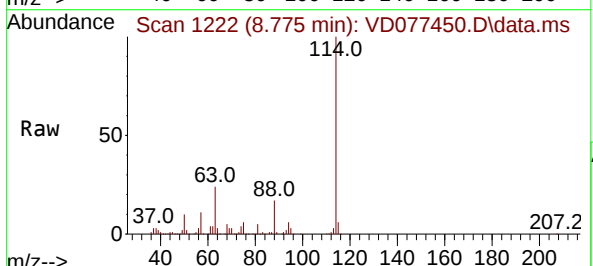
Tgt Ion:114 Resp: 515161

Ion Ratio Lower Upper

114 100

63 24.3 0.0 33.4

88 17.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.440 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 18315

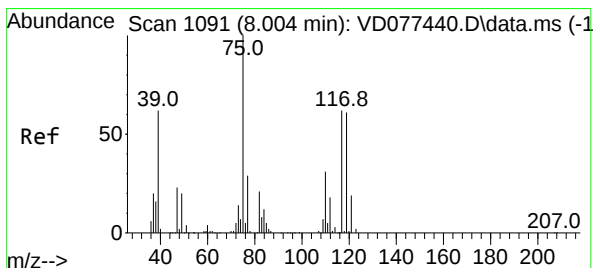
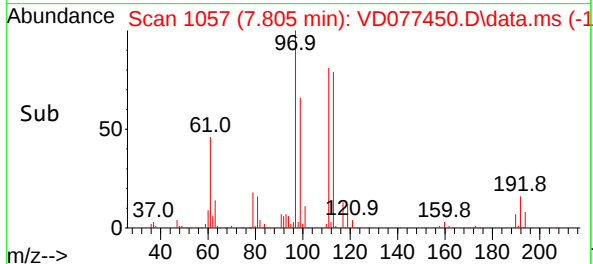
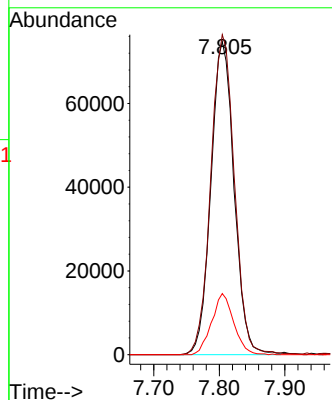
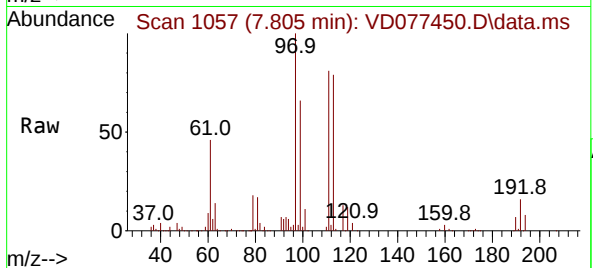
Ion	Ratio	Lower	Upper
113	100		
111	104.5	84.7	127.1
192	18.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 55.374 ug/l

RT: 8.005 min Scan# 1091

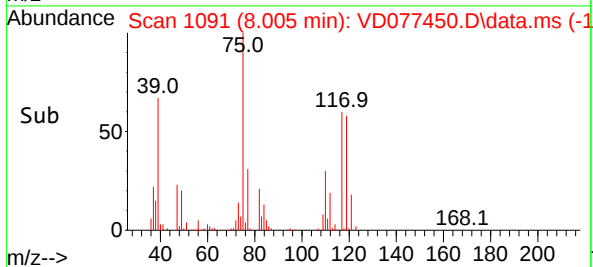
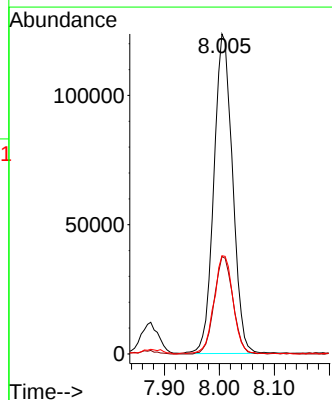
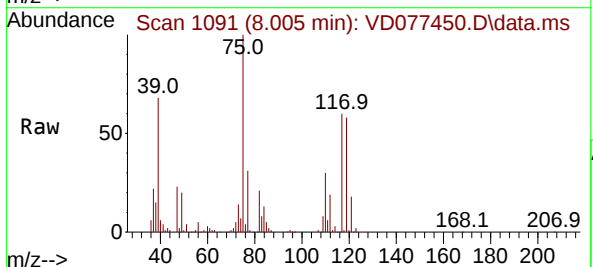
Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Tgt Ion: 75 Resp: 292326

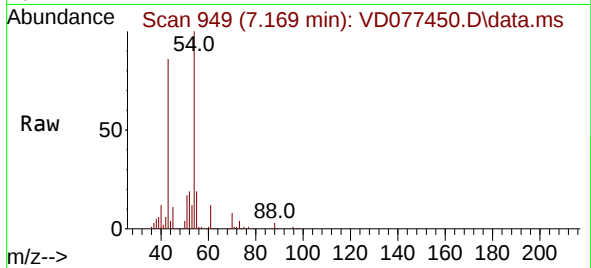
Ion	Ratio	Lower	Upper
75	100		
110	30.5	19.9	59.6
77	31.5	24.7	37.1





#37
Ethyl Acetate
Concen: 52.813 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

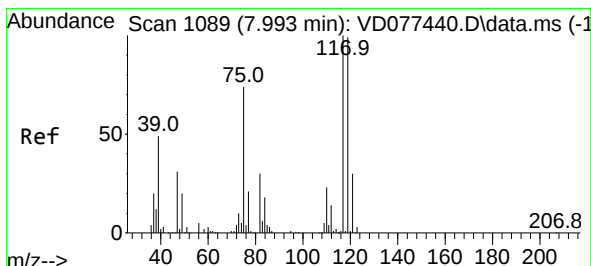
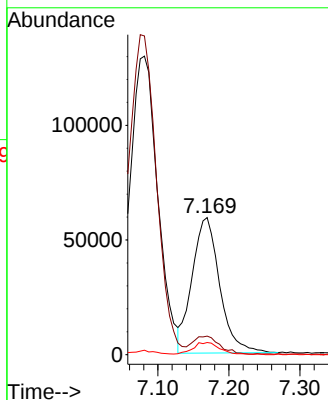
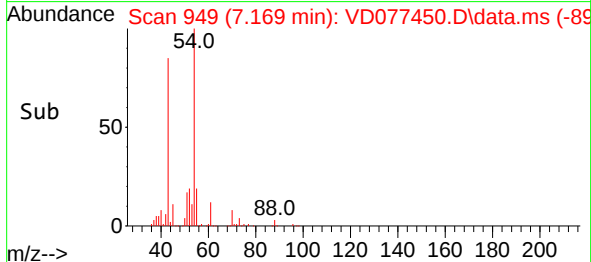
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 160004
Ion Ratio Lower Upper
43 100
61 12.7 14.9 22.3
70 9.0 10.0 15.0

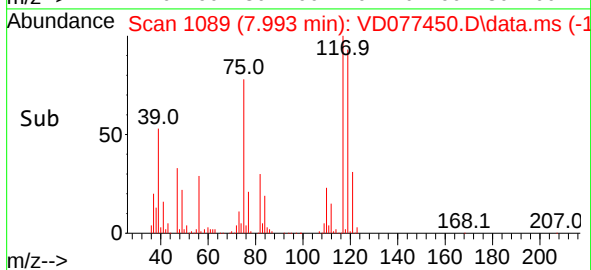
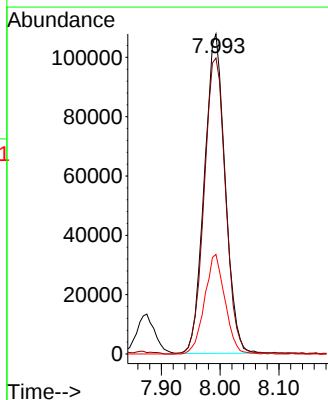
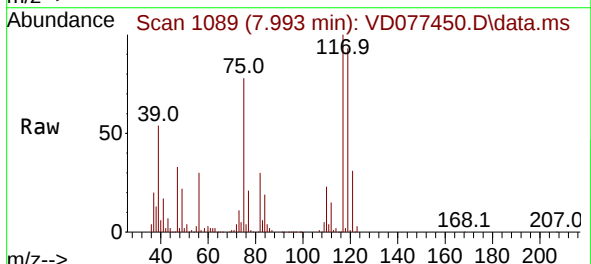
Manual Integrations
APPROVED

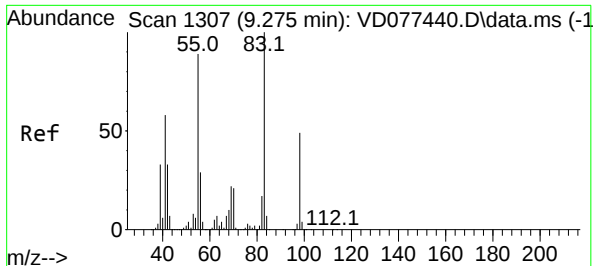
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 53.231 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion:117 Resp: 264807
Ion Ratio Lower Upper
117 100
119 92.5 78.0 117.0
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 55.759 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 33586

Ion Ratio Lower Upper

83 100

55 85.6 49.4 74.0

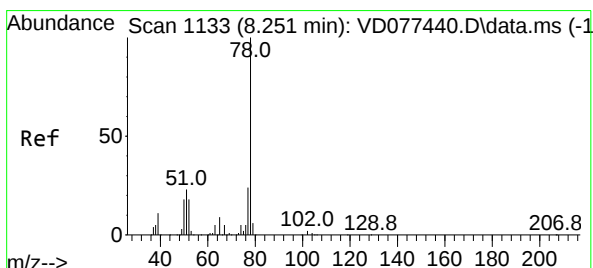
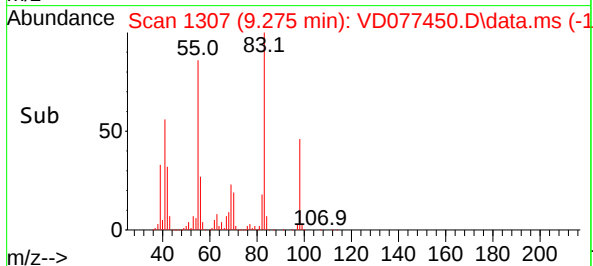
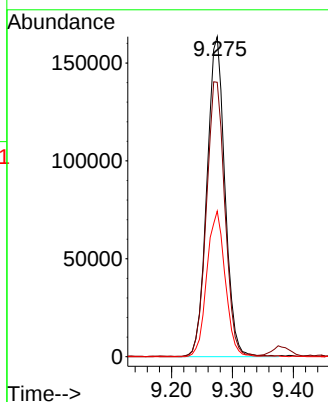
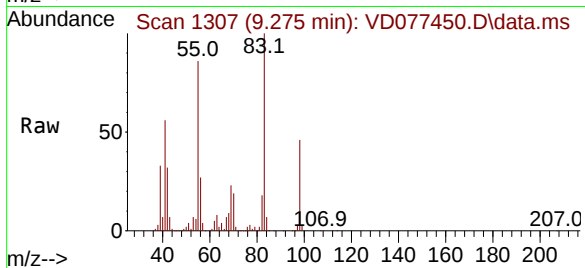
98 45.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 56.030 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077450.D

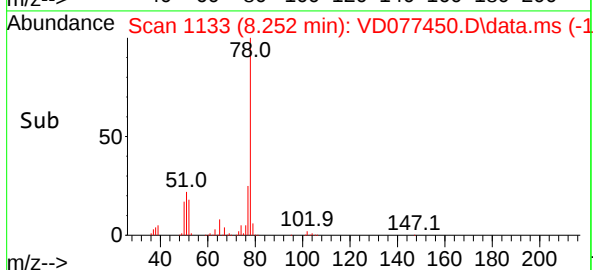
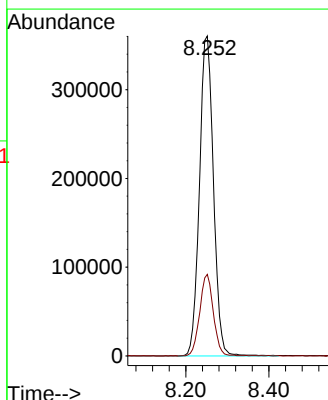
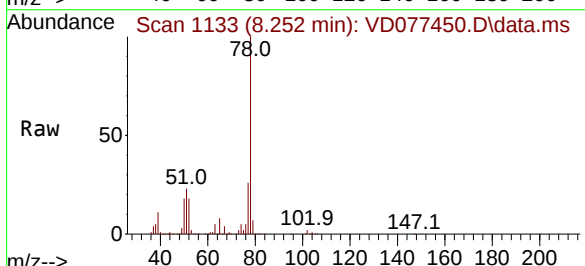
Acq: 30 Oct 2023 16:54

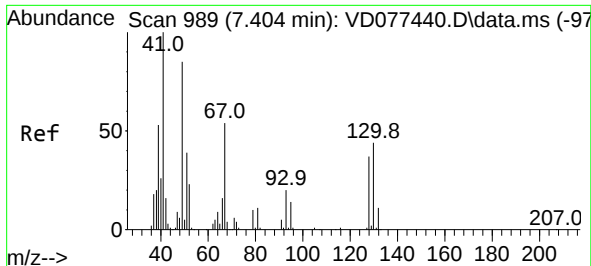
Tgt Ion: 78 Resp: 843447

Ion Ratio Lower Upper

78 100

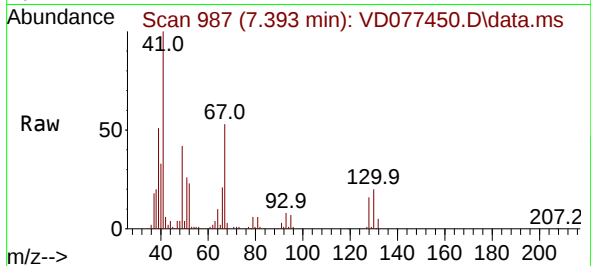
77 25.5 19.4 29.0





#41
Methacrylonitrile
Concen: 57.528 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

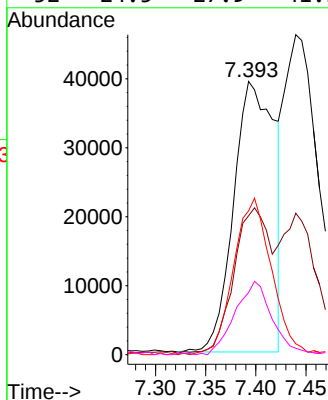
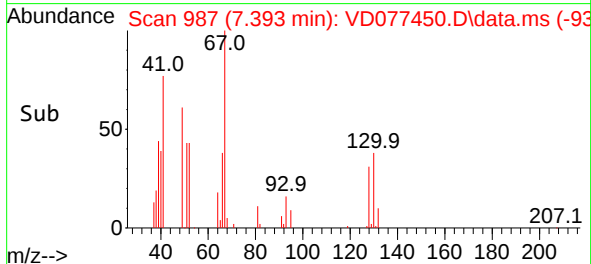
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 111520
Ion Ratio Lower Upper
41 100
39 46.6 34.0 51.0
67 54.2 77.0 115.4
52 24.5 27.9 41.9

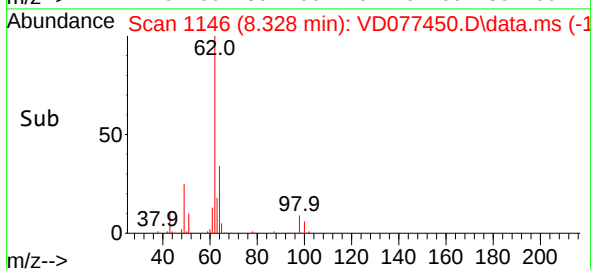
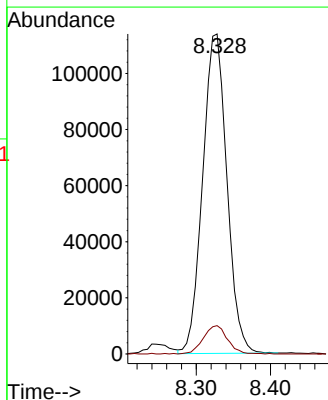
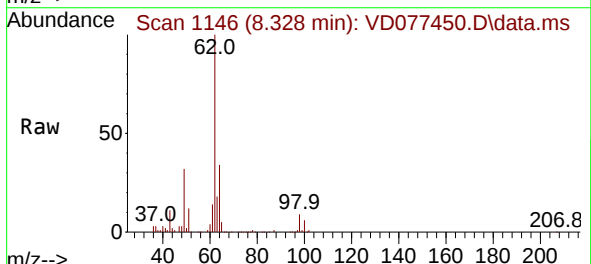
Manual Integrations
APPROVED

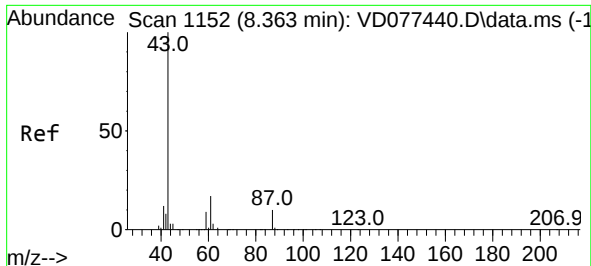
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 54.310 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

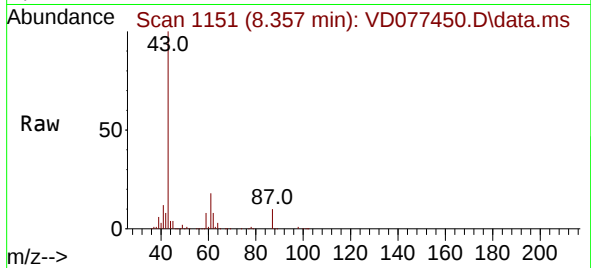
Tgt Ion: 62 Resp: 258943
Ion Ratio Lower Upper
62 100
98 8.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 53.268 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

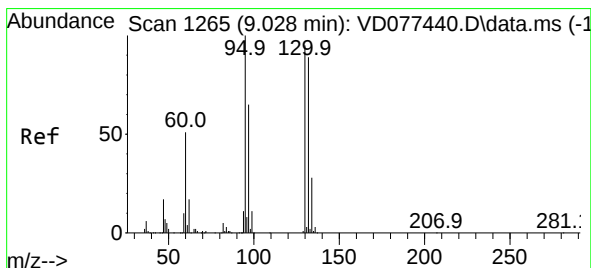
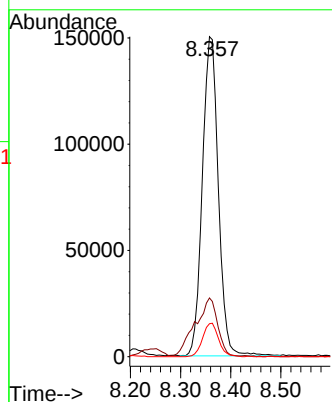
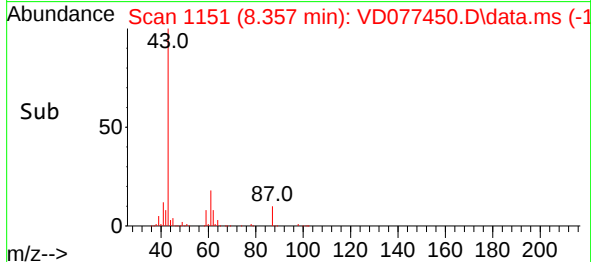
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



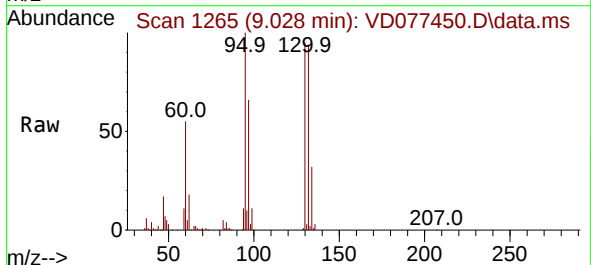
Tgt Ion: 43 Resp: 333034
Ion Ratio Lower Upper
43 100
61 25.4 31.4 47.0
87 10.5 14.9 22.3

Manual Integrations
APPROVED

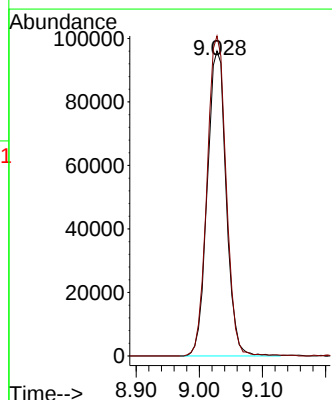
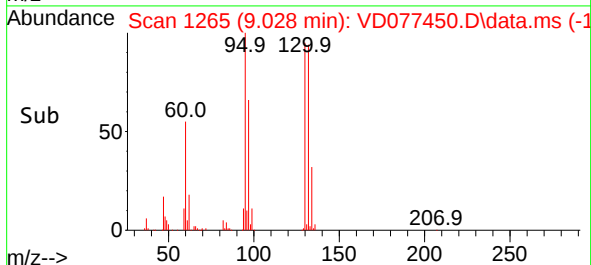
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#44
Trichloroethene
Concen: 54.190 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



Tgt Ion:130 Resp: 199821
Ion Ratio Lower Upper
130 100
95 105.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.748 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 242630

Ion Ratio Lower Upper

63 100

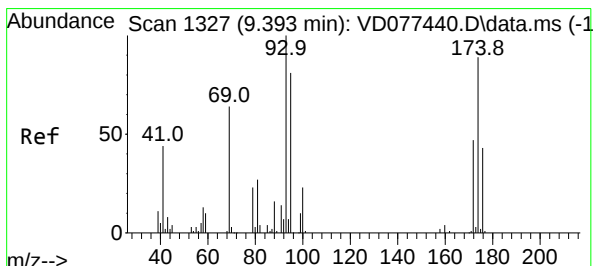
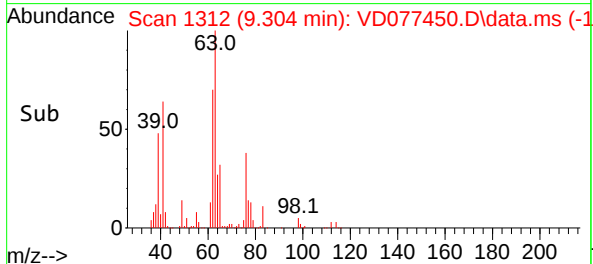
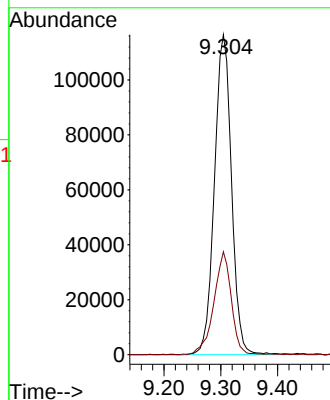
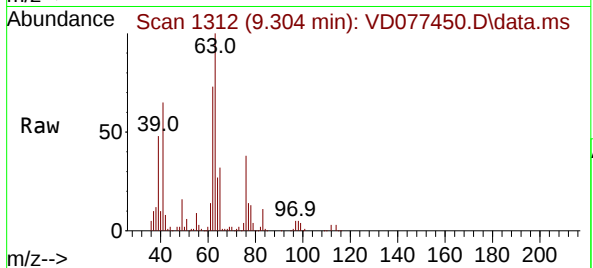
65 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 52.179 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

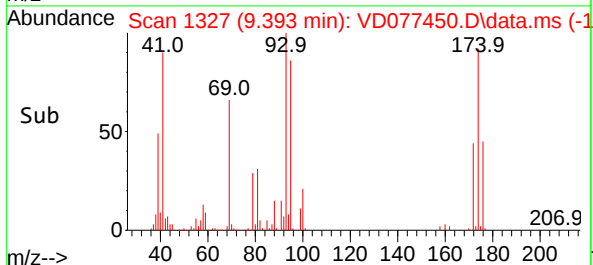
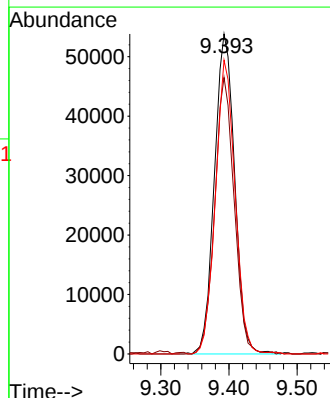
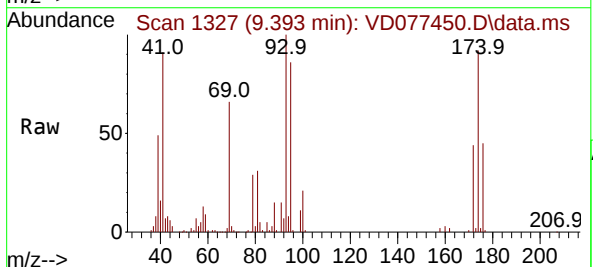
Tgt Ion: 93 Resp: 111288

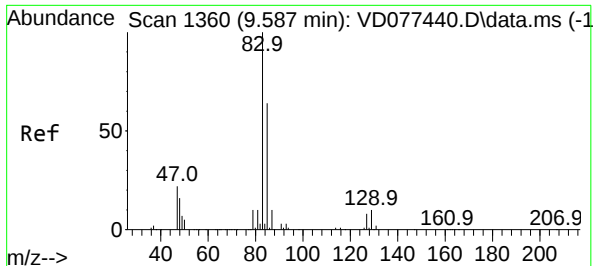
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 89.4 85.4 128.2





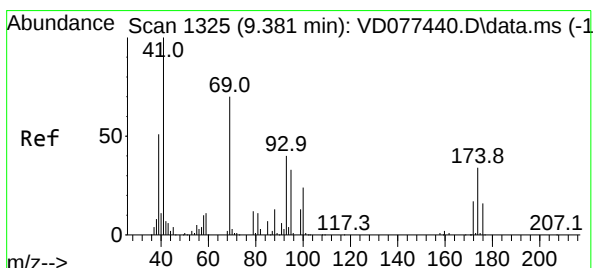
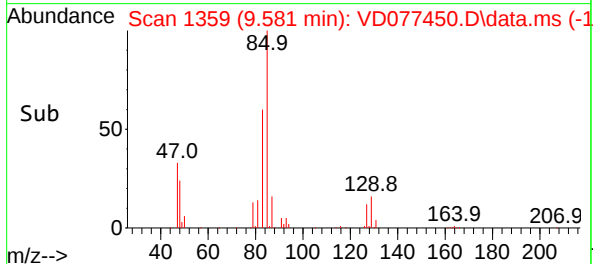
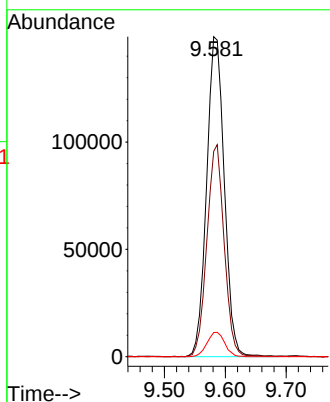
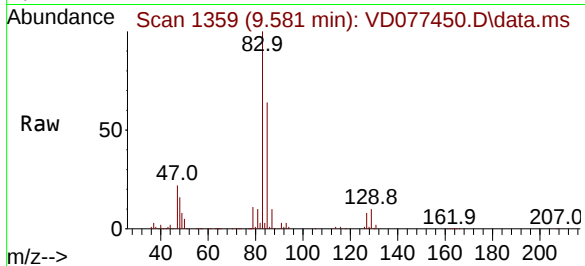
#47
Bromodichloromethane
Concen: 53.406 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 30106
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 7.6 6.3 9.5

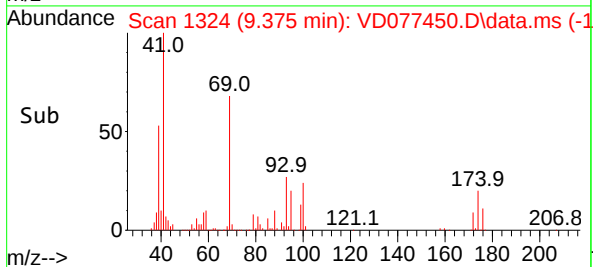
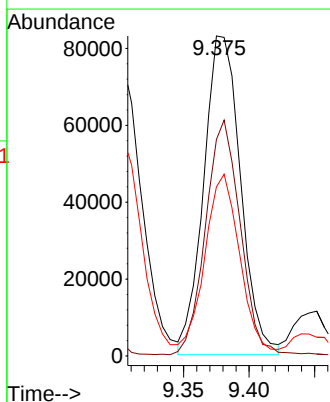
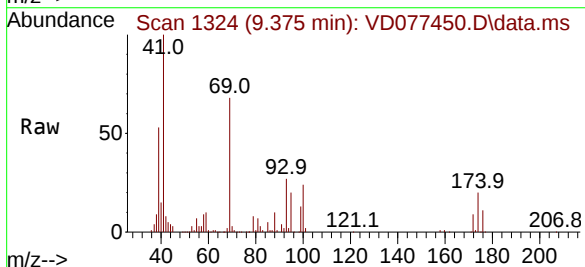
Manual Integrations
APPROVED

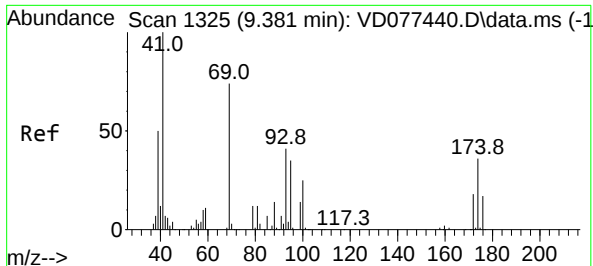
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 54.397 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 41 Resp: 162342
Ion Ratio Lower Upper
41 100
69 69.6 102.2 153.2#
39 54.6 41.4 62.2





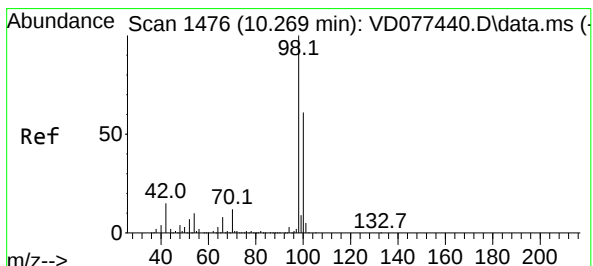
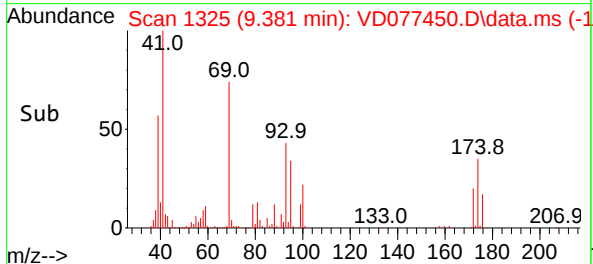
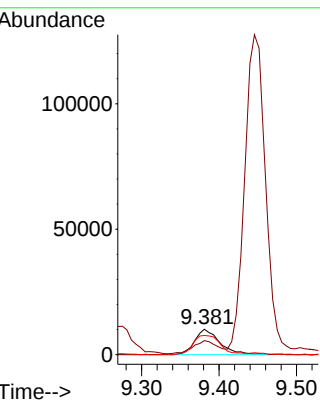
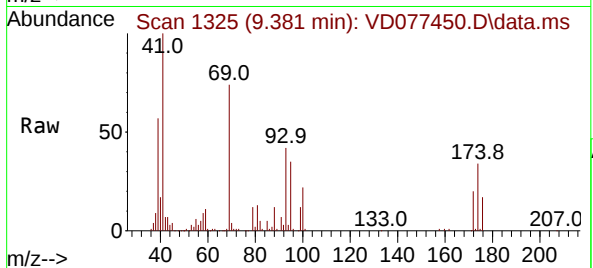
#49
1,4-Dioxane
Concen: 993.992 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 22780
Ion Ratio Lower Upper
88 100
43 50.1 19.0 28.6
58 83.2 43.5 65.3

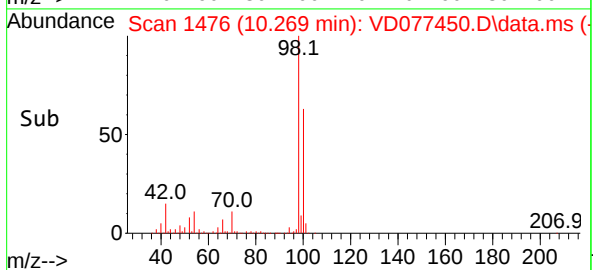
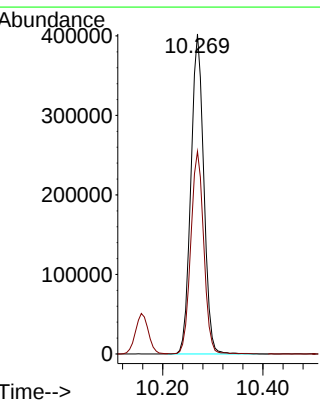
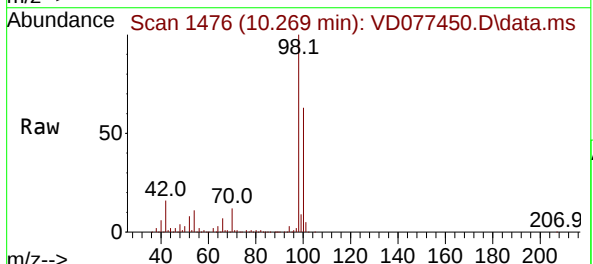
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 51.858 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

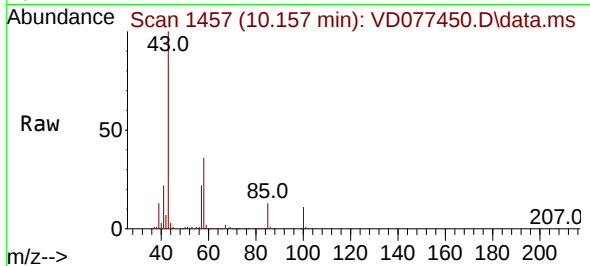
Tgt Ion: 98 Resp: 717210
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 260.041 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

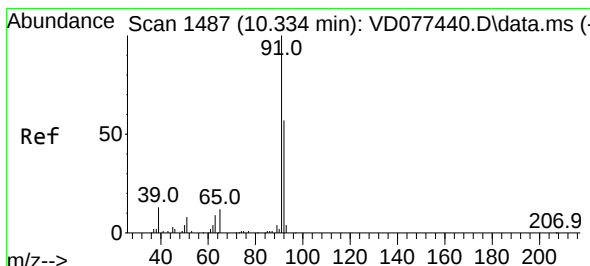
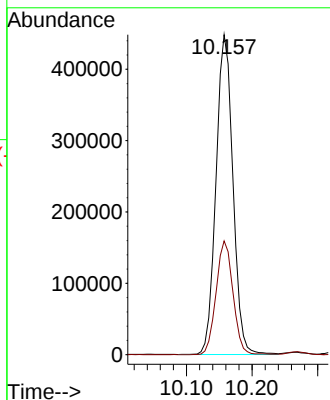
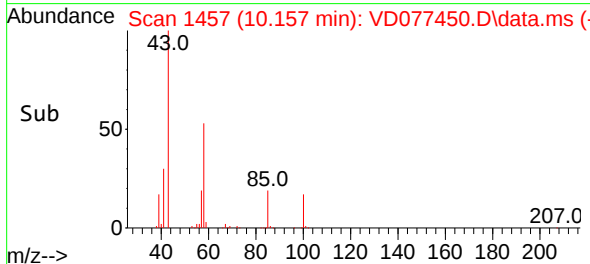
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



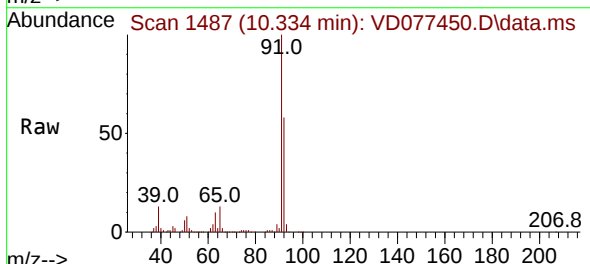
Tgt Ion: 43 Resp: 800235
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3

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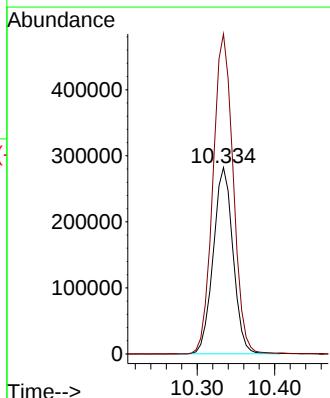
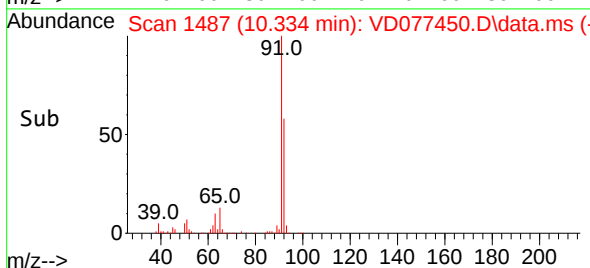
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

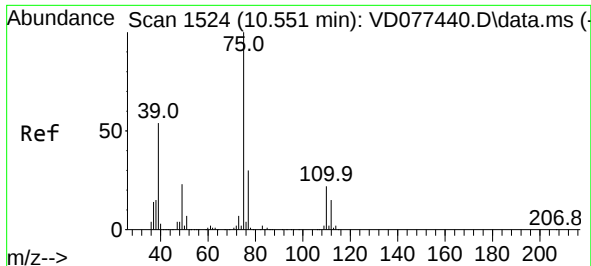


#52
Toluene
Concen: 54.465 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



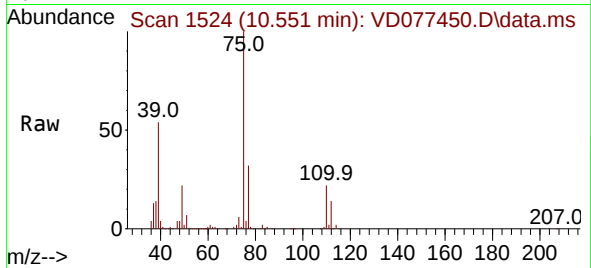
Tgt Ion: 92 Resp: 499822
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 53.312 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

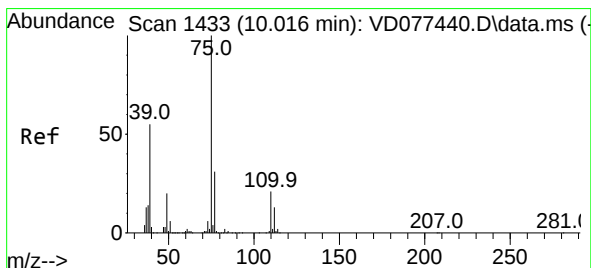
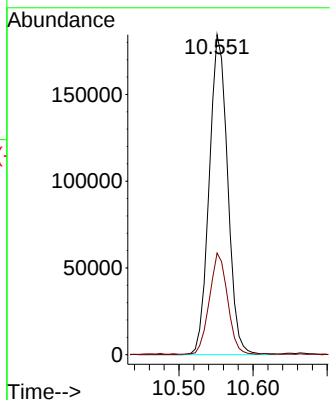
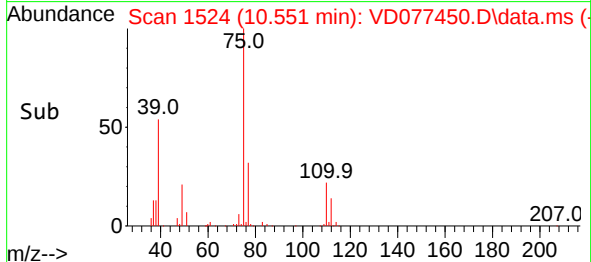
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



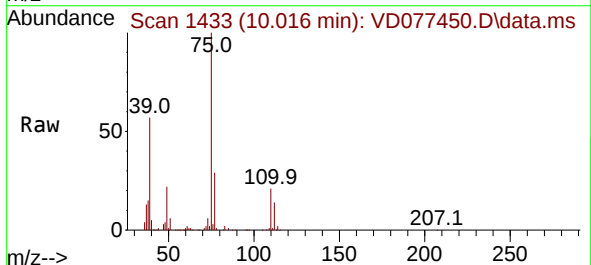
Tgt Ion: 75 Resp: 31823
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

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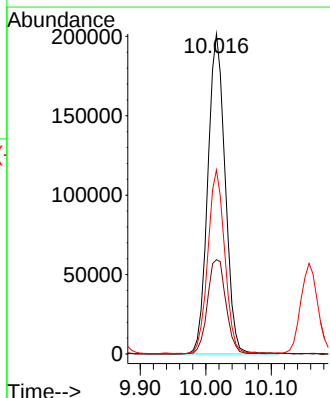
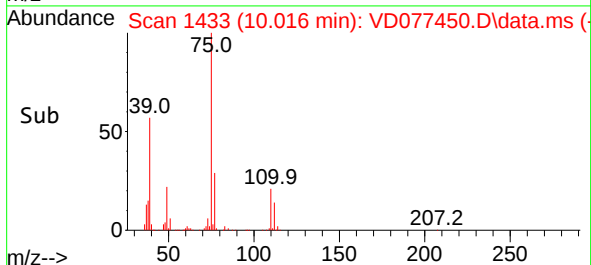
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

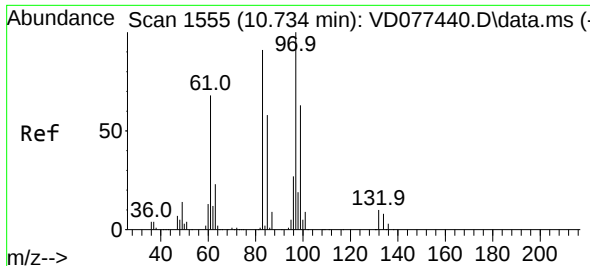


#54
cis-1,3-Dichloropropene
Concen: 53.752 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



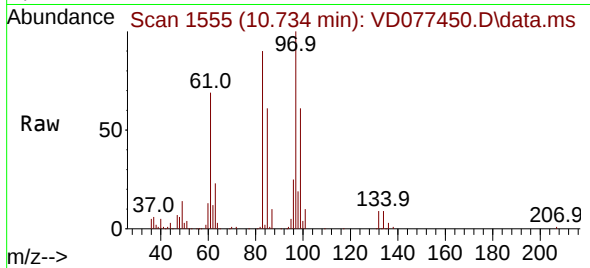
Tgt Ion: 75 Resp: 369239
Ion Ratio Lower Upper
75 100
77 29.5 25.5 38.3
39 57.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 51.670 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

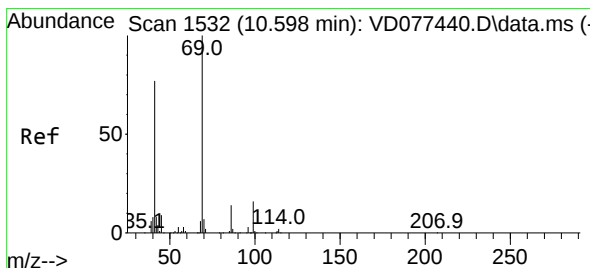
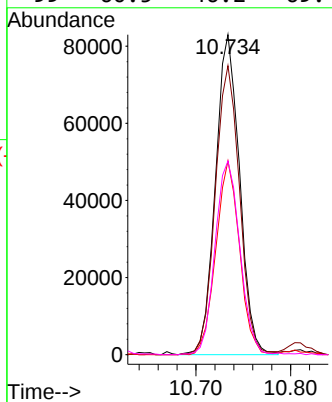
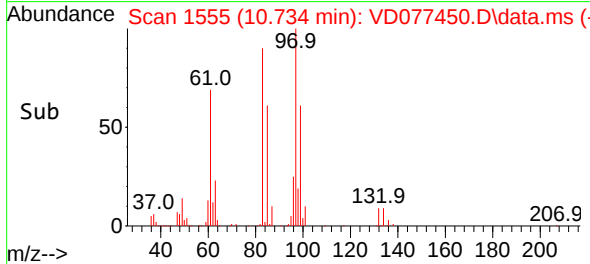
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



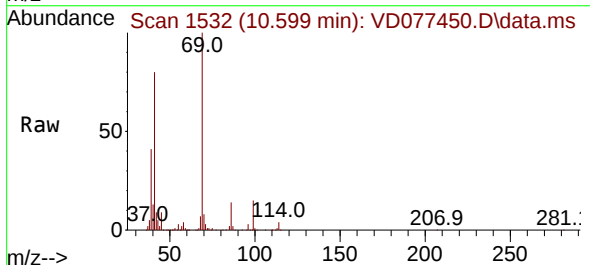
Tgt Ion: 97 Resp: 147029
Ion Ratio Lower Upper
97 100
83 90.3 65.8 98.6
85 60.6 45.7 68.5
99 60.5 46.2 69.4

Manual Integrations
APPROVED

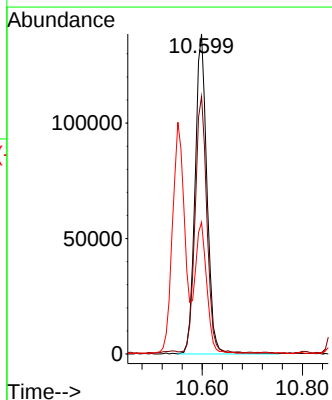
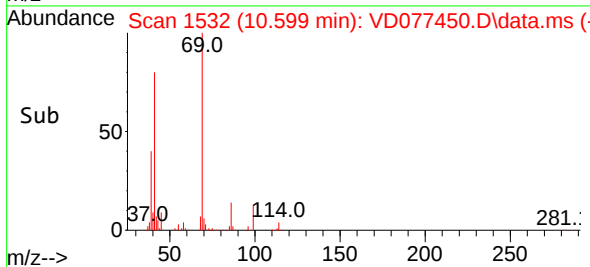
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

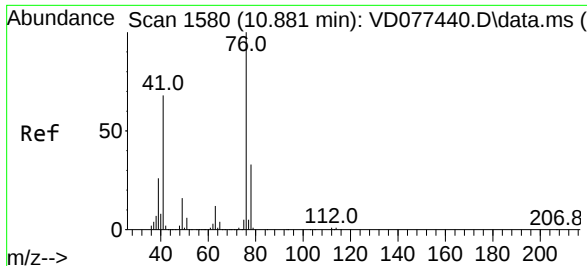


#56
Ethyl methacrylate
Concen: 53.751 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



Tgt Ion: 69 Resp: 227410
Ion Ratio Lower Upper
69 100
41 79.6 39.1 58.7#
39 40.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 52.947 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 281609

Ion Ratio Lower Upper

76 100

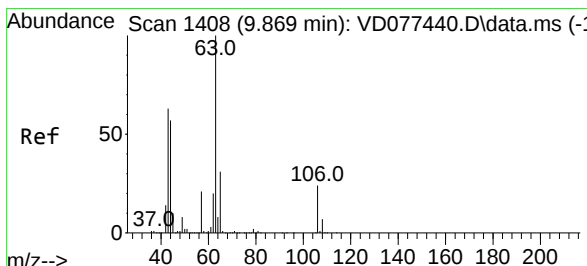
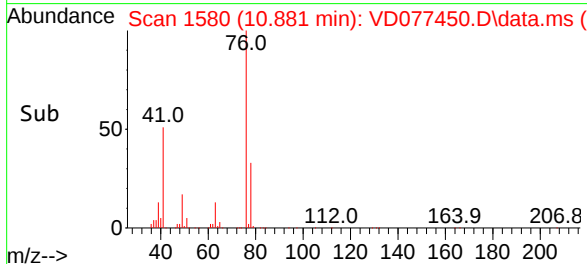
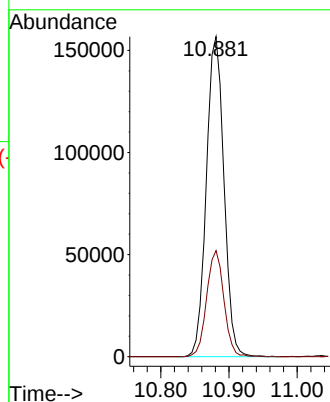
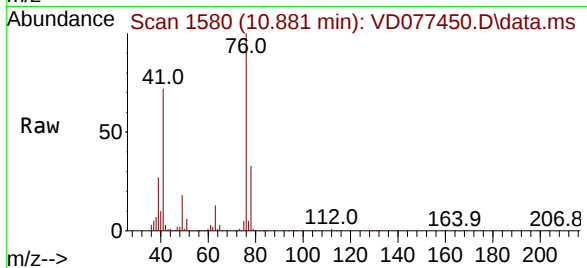
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 286.286 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077450.D

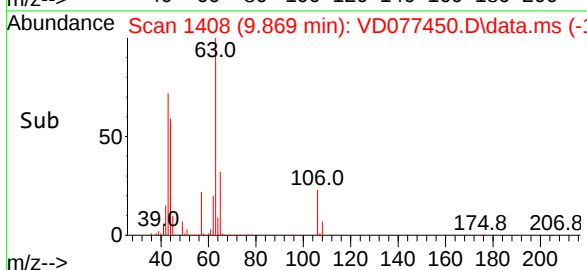
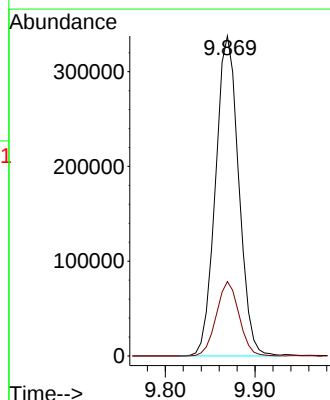
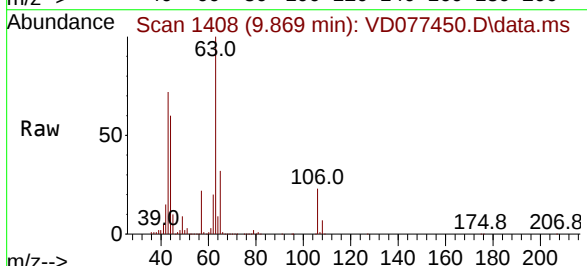
Acq: 30 Oct 2023 16:54

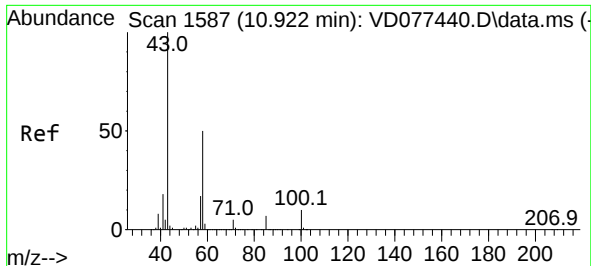
Tgt Ion: 63 Resp: 606372

Ion Ratio Lower Upper

63 100

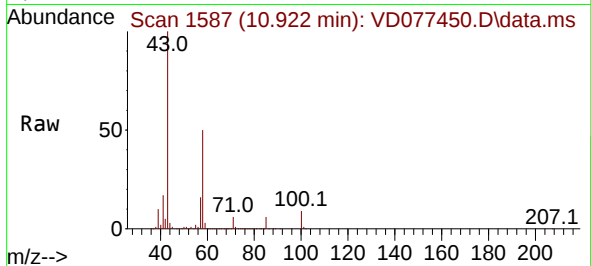
106 22.8 25.3 37.9





#59
2-Hexanone
Concen: 248.826 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

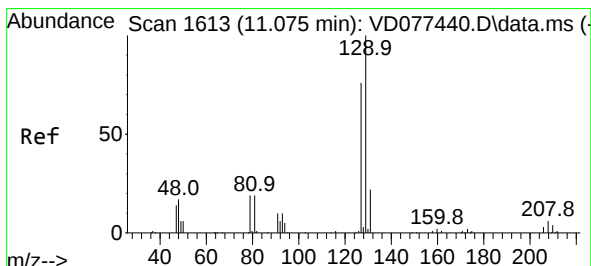
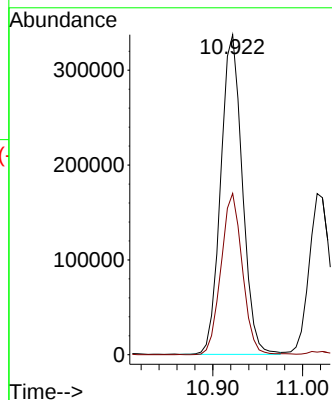
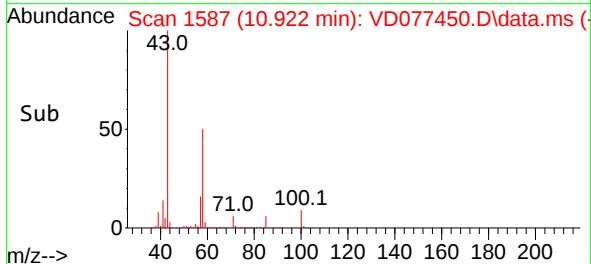
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 56408
Ion Ratio Lower Upper
43 100
58 49.9 34.1 102.2

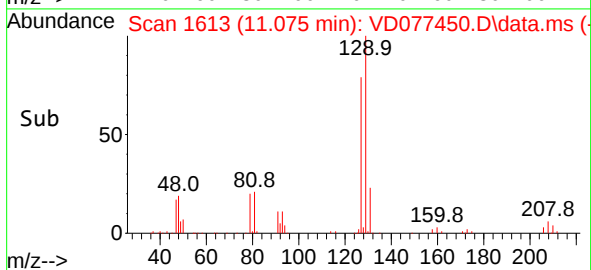
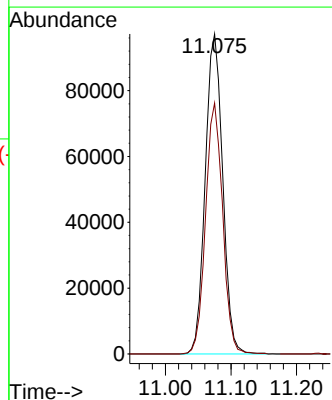
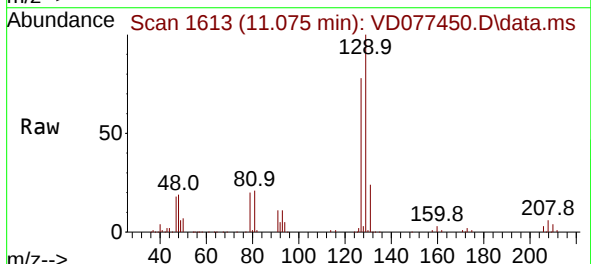
Manual Integrations
APPROVED

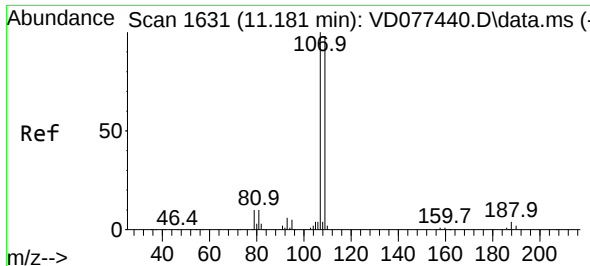
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 52.586 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

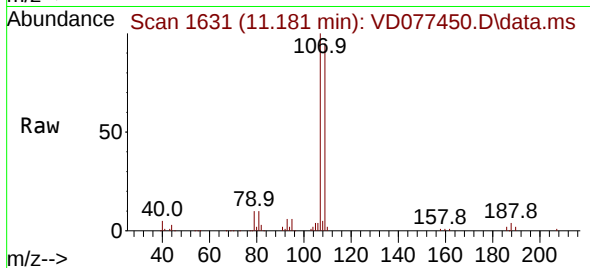
Tgt Ion:129 Resp: 179930
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 51.898 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

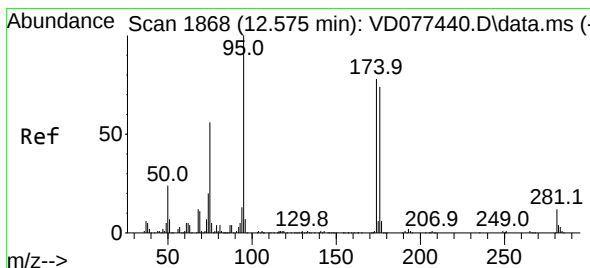
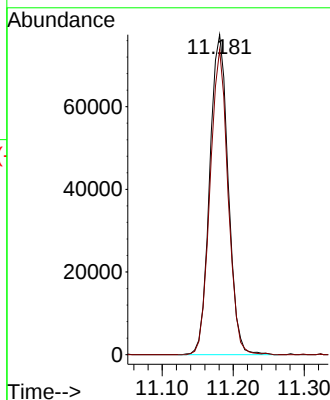
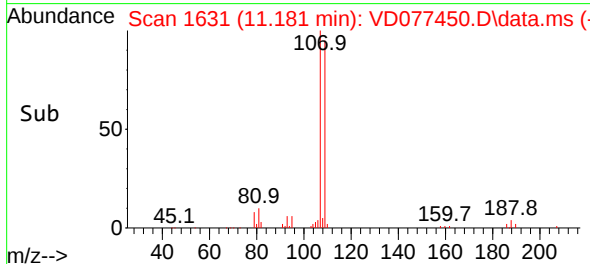
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 139850
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4

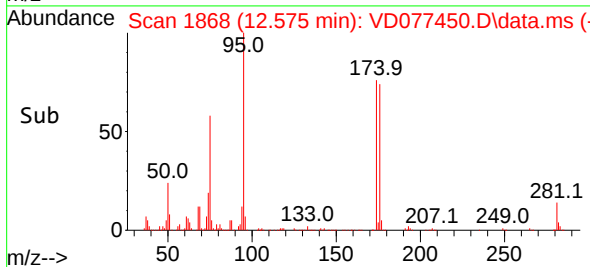
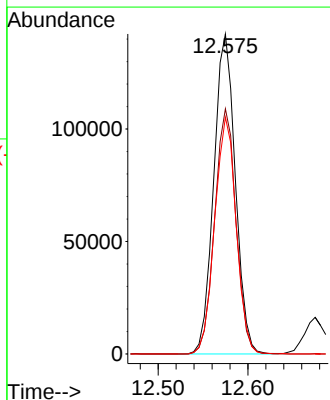
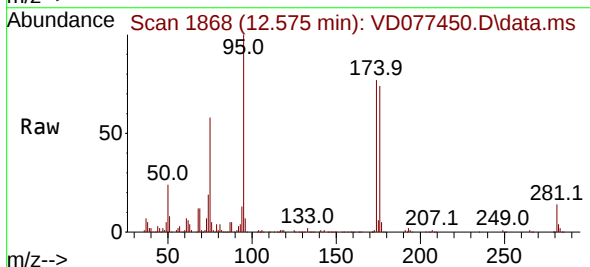
Manual Integrations
APPROVED

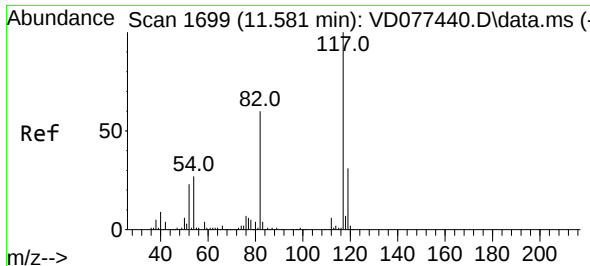
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 50.918 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

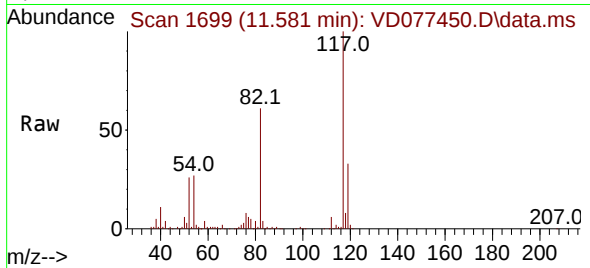
Tgt Ion: 95 Resp: 237181
Ion Ratio Lower Upper
95 100
174 75.8 0.0 201.8
176 73.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

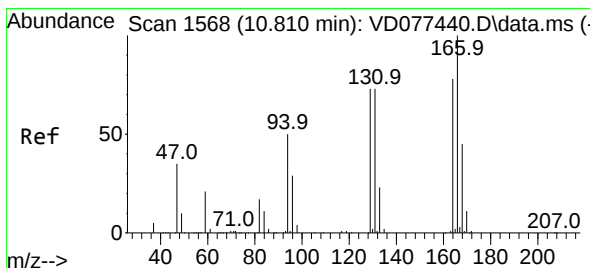
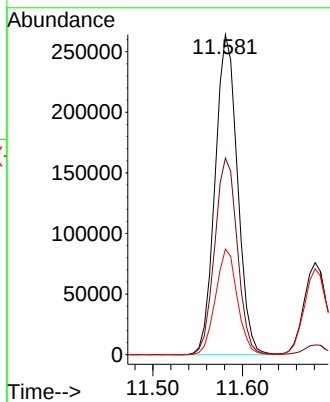
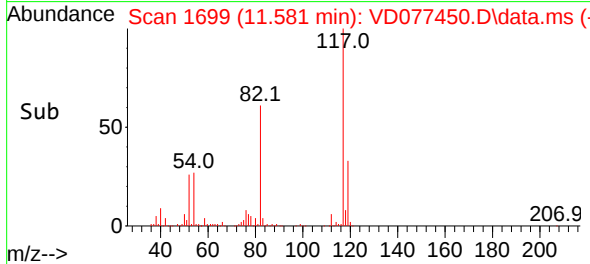
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



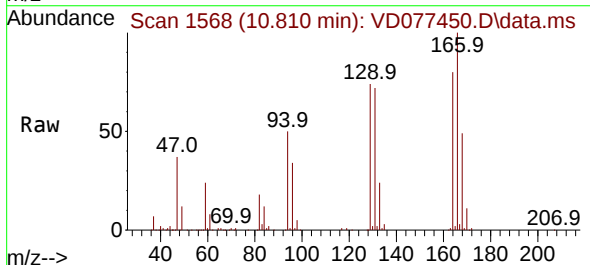
Tgt Ion:117 Resp: 45737
Ion Ratio Lower Upper
117 100
82 61.5 38.3 57.5
119 33.0 25.0 37.4

Manual Integrations
APPROVED

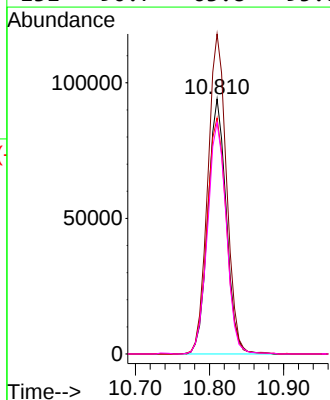
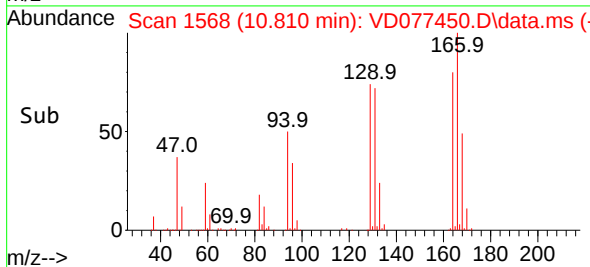
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

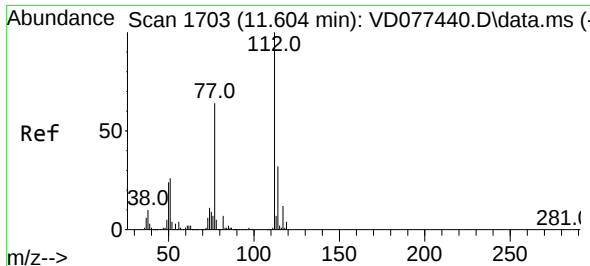


#64
Tetrachloroethene
Concen: 55.790 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



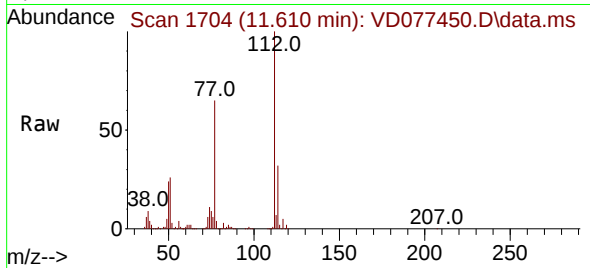
Tgt Ion:164 Resp: 162456
Ion Ratio Lower Upper
164 100
166 125.5 99.2 148.8
129 92.6 68.4 102.6
131 90.7 63.8 95.8





#65
Chlorobenzene
Concen: 53.629 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

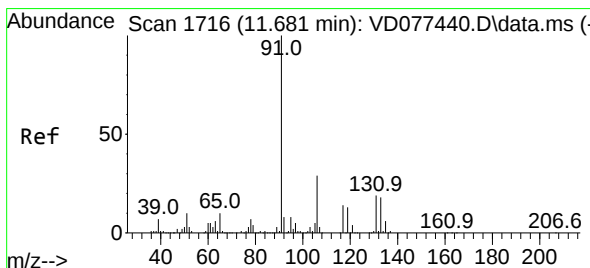
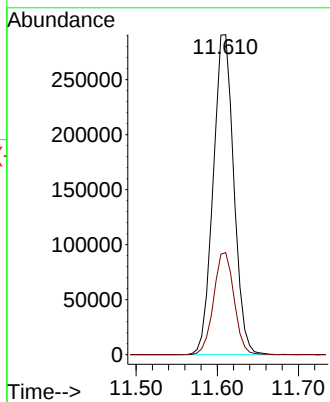
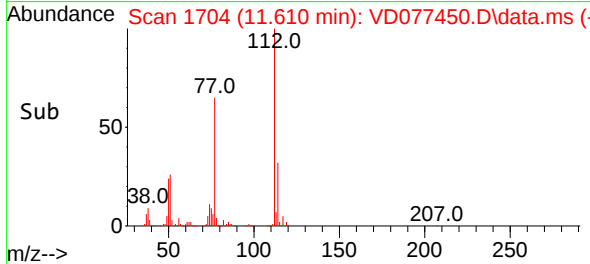
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



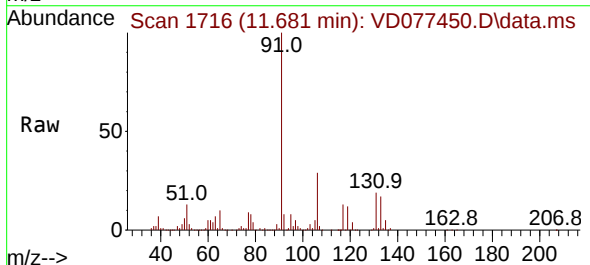
Tgt Ion:112 Resp: 51387
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Manual Integrations
APPROVED

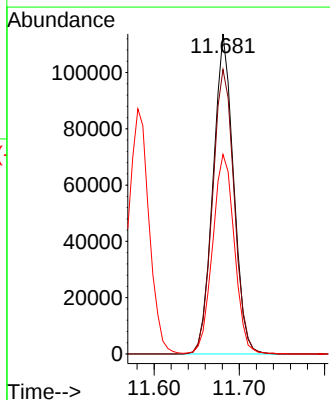
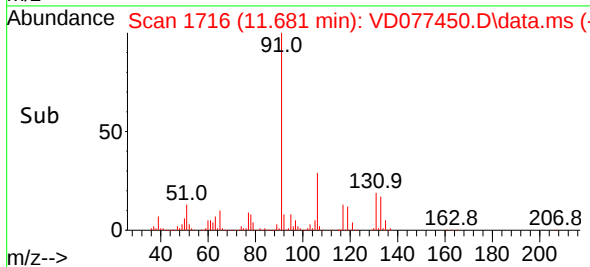
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

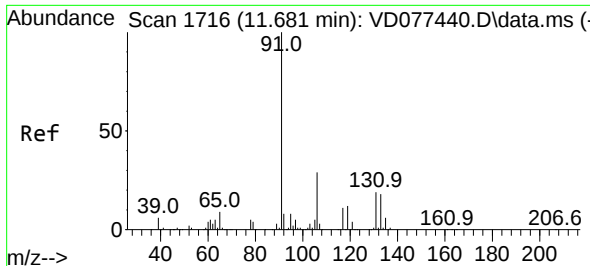


#66
1,1,1,2-Tetrachloroethane
Concen: 52.413 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



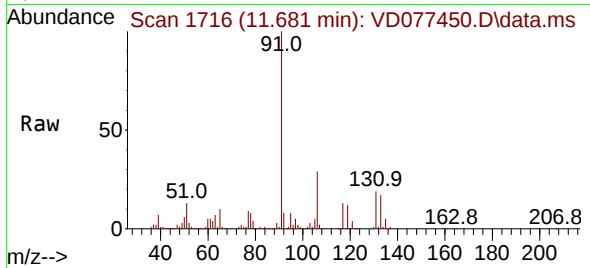
Tgt Ion:131 Resp: 189785
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 66.4 35.6 106.9





#67
Ethyl Benzene
Concen: 54.210 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

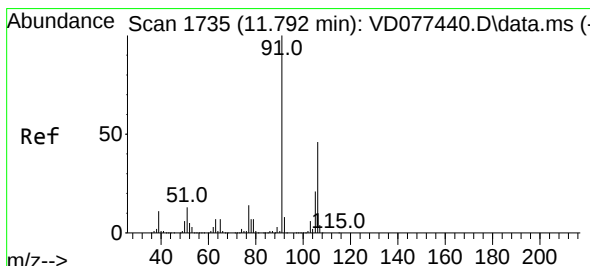
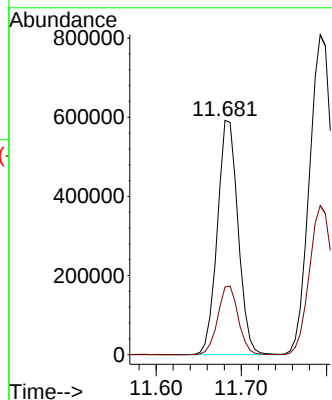
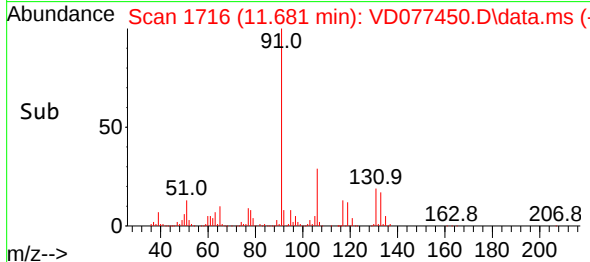
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 999445
Ion Ratio Lower Upper
91 100
106 28.9 26.5 39.7

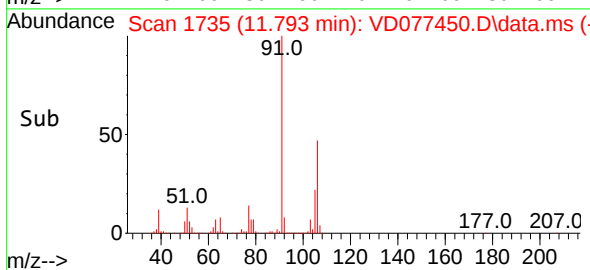
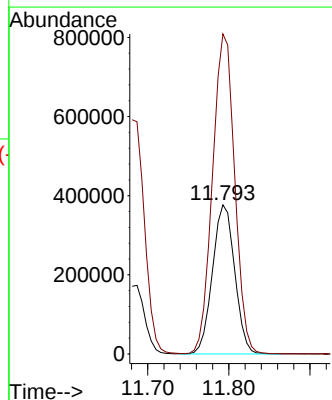
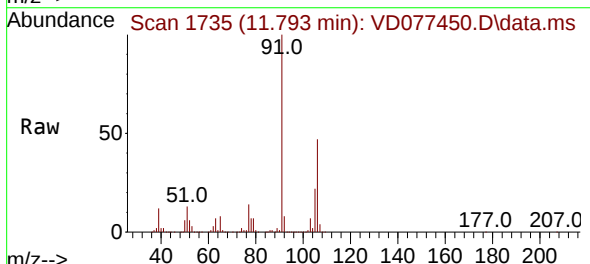
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 107.718 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

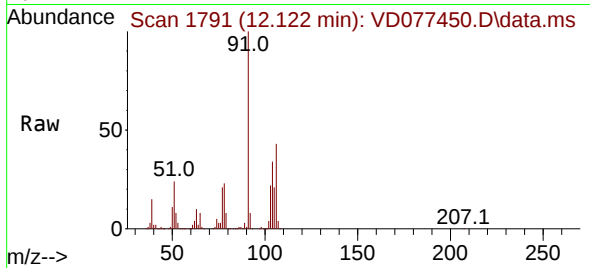
Tgt Ion:106 Resp: 717144
Ion Ratio Lower Upper
106 100
91 214.4 147.0 220.6





#69
o-Xylene
Concen: 53.670 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

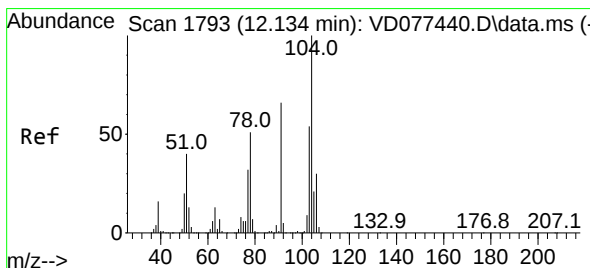
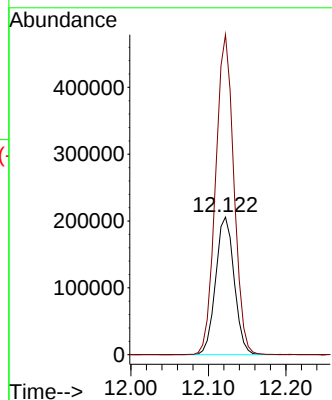
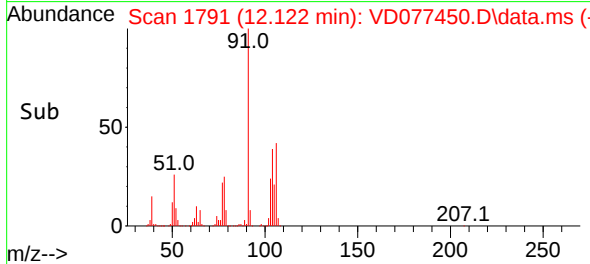
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 34225
Ion Ratio Lower Upper
106 100
91 229.5 97.9 293.6

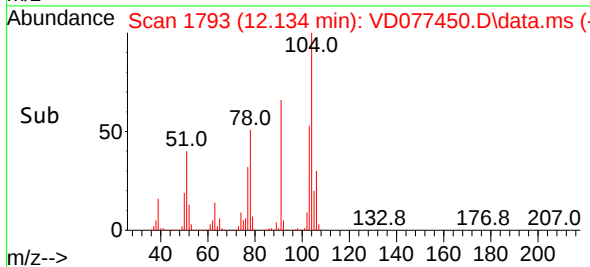
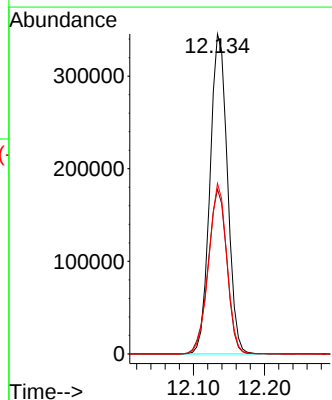
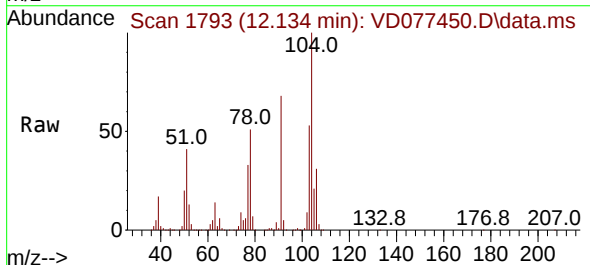
Manual Integrations
APPROVED

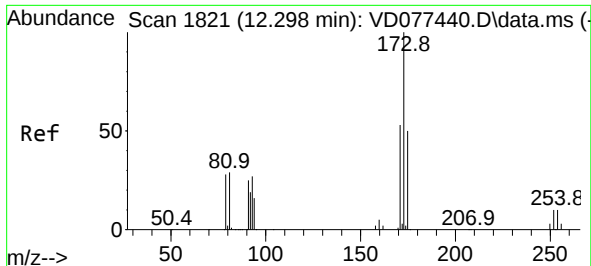
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 53.652 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

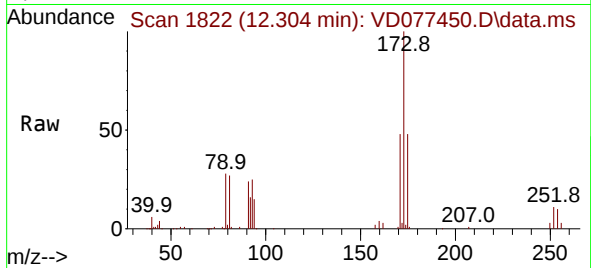
Tgt Ion:104 Resp: 590240
Ion Ratio Lower Upper
104 100
78 55.1 33.2 49.8#
103 55.6 43.6 65.4





#71
Bromoform
Concen: 50.205 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

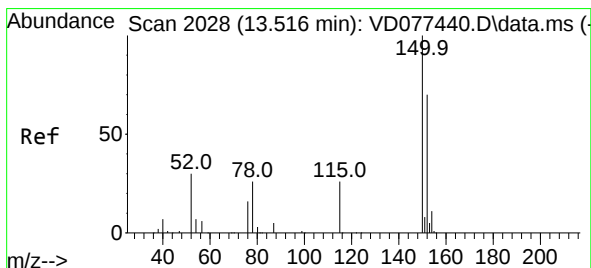
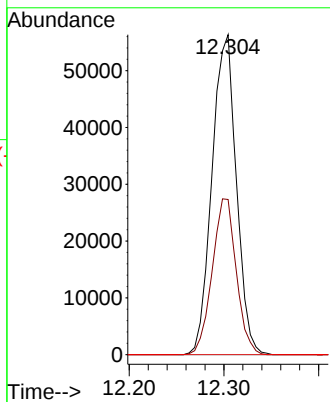
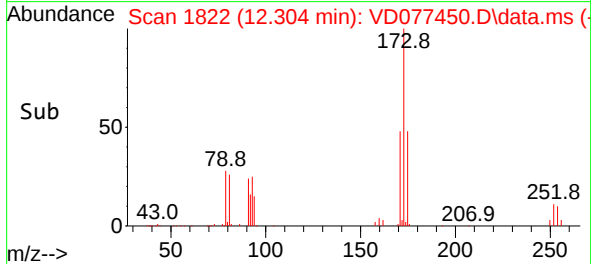
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



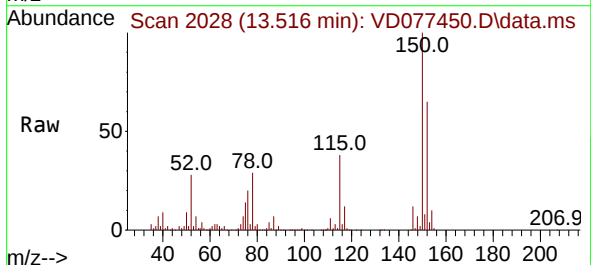
Tgt Ion:173 Resp: 100785
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

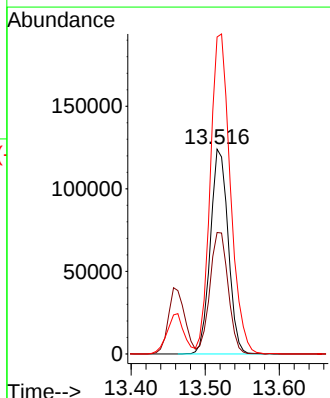
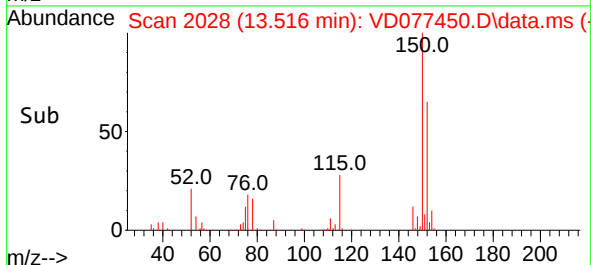
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

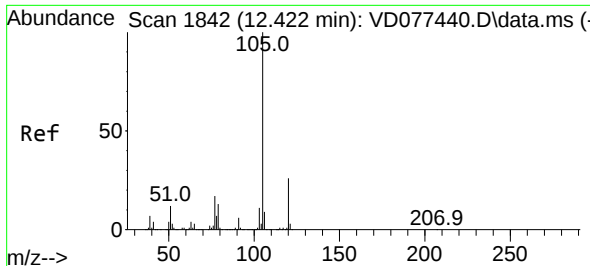


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



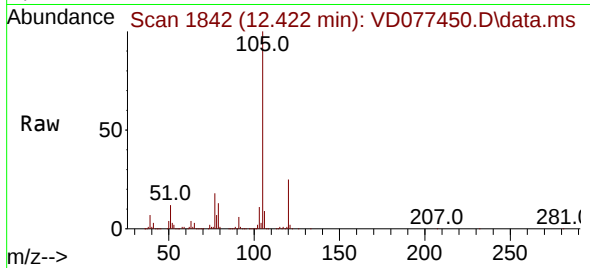
Tgt Ion:152 Resp: 206801
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 175.6 0.0 353.6





#73
Isopropylbenzene
Concen: 53.364 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

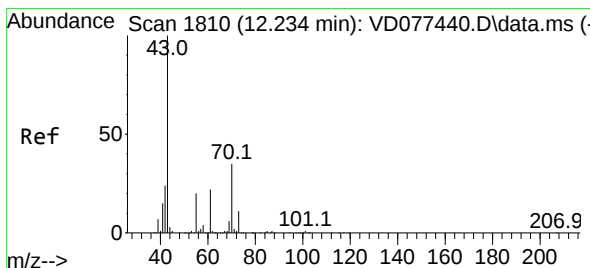
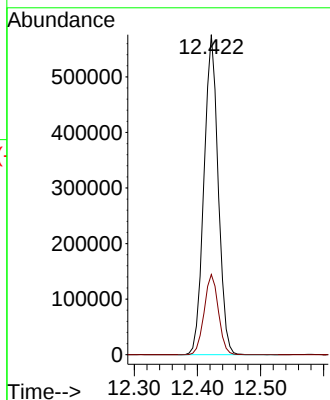
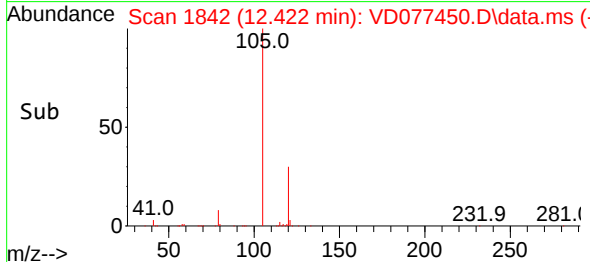
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 899754
Ion Ratio Lower Upper
105 100
120 25.1 14.3 42.9

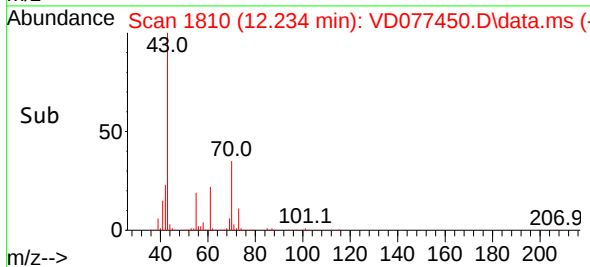
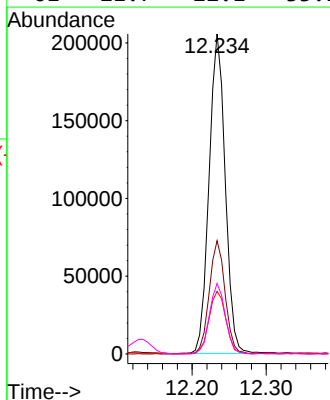
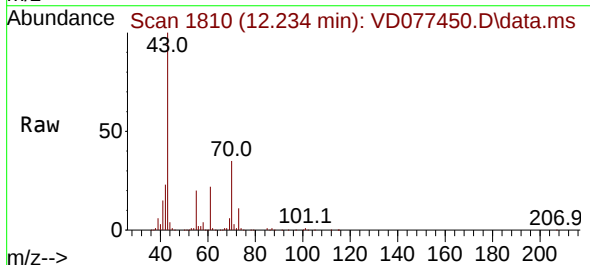
Manual Integrations
APPROVED

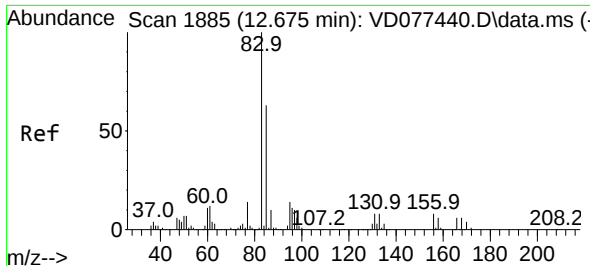
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 52.063 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

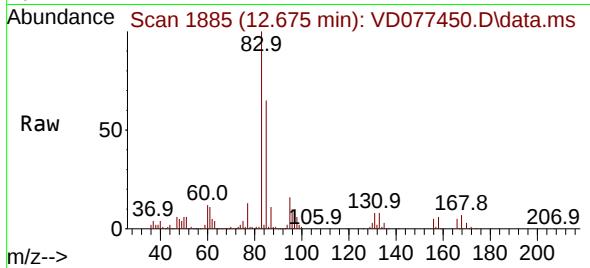
Tgt Ion: 43 Resp: 310929
Ion Ratio Lower Upper
43 100
70 34.8 45.0 67.4#
55 20.2 23.8 35.6#
61 21.7 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.669 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

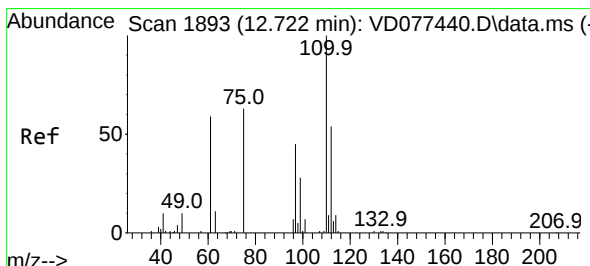
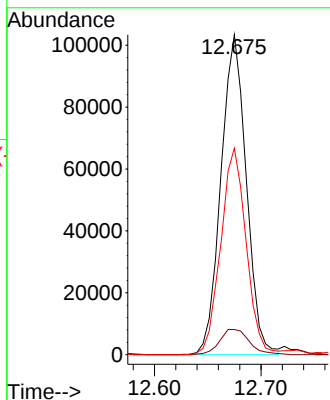
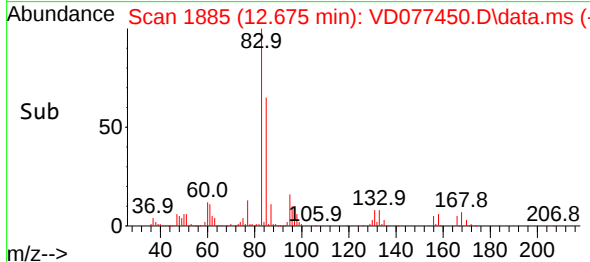
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



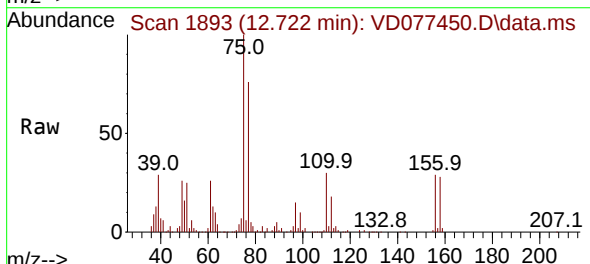
Tgt Ion: 83 Resp: 170770
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 64.7 32.6 97.8

Manual Integrations
APPROVED

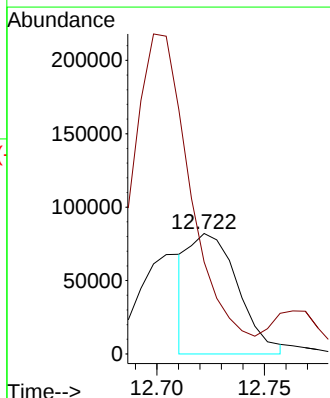
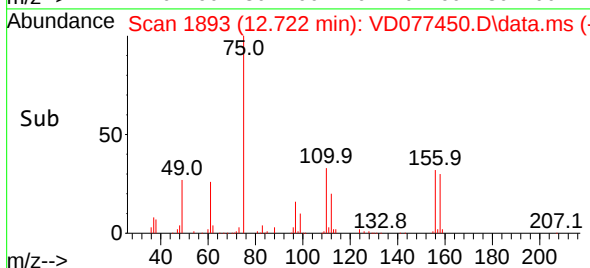
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

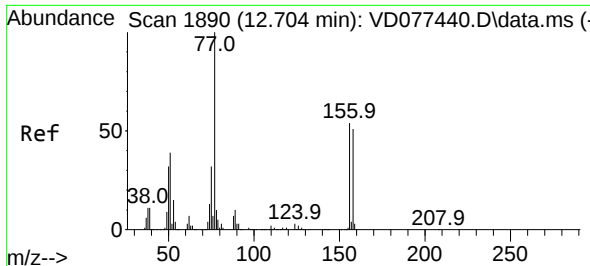


#76
1,2,3-Trichloropropane
Concen: 51.792 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



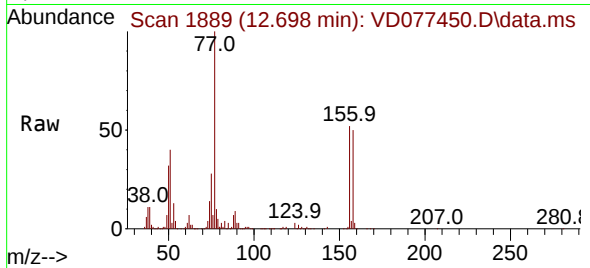
Tgt Ion: 75 Resp: 130359
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.831 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

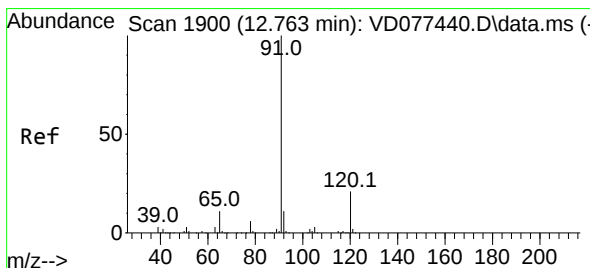
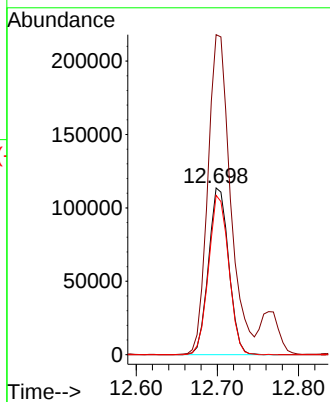
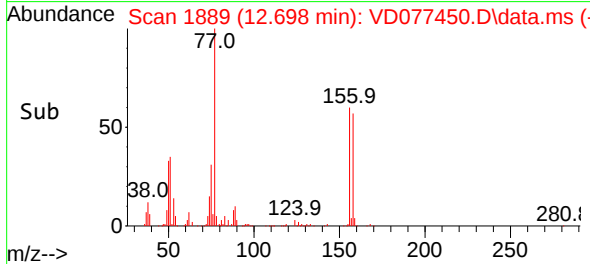
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 196070
Ion Ratio Lower Upper
156 100
77 215.2 76.8 230.4
158 95.3 48.6 145.9

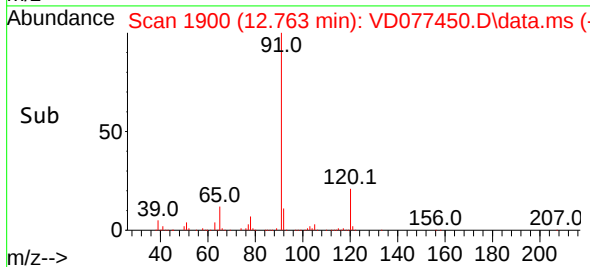
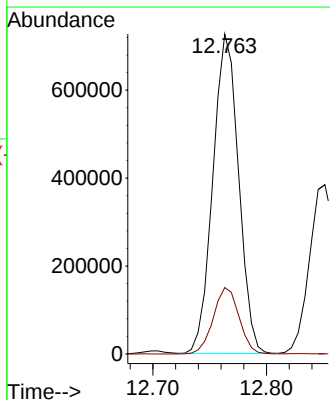
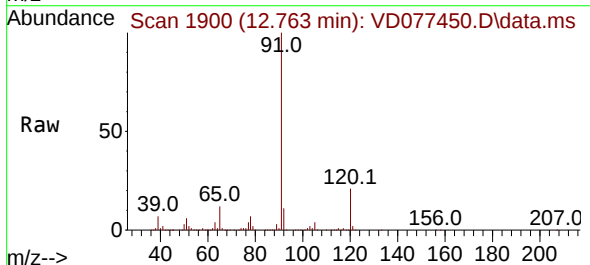
Manual Integrations
APPROVED

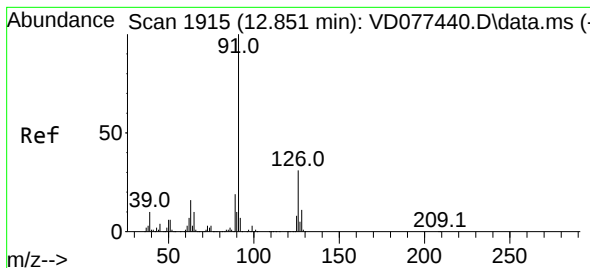
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 53.376 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

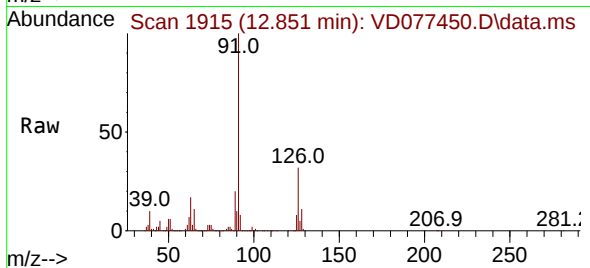
Tgt Ion: 91 Resp: 1142710
Ion Ratio Lower Upper
91 100
120 20.8 12.4 37.2





#79
2-Chlorotoluene
Concen: 53.124 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

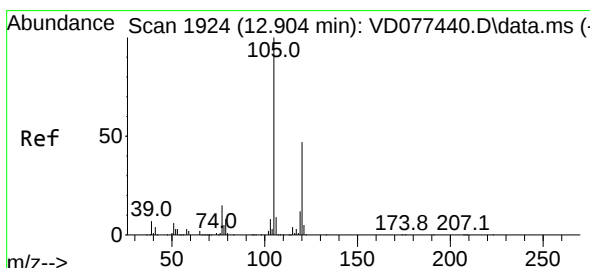
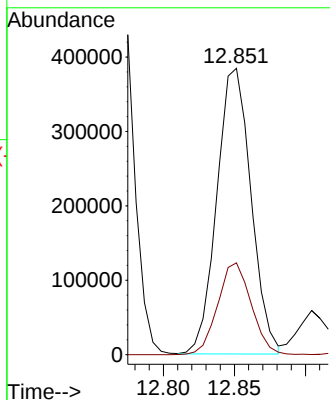
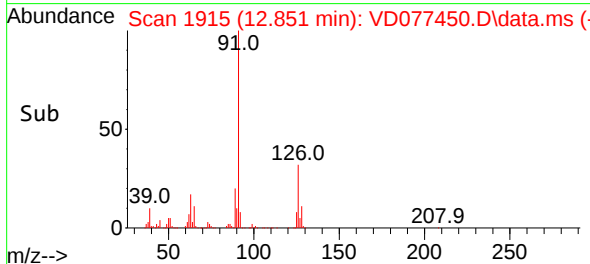
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



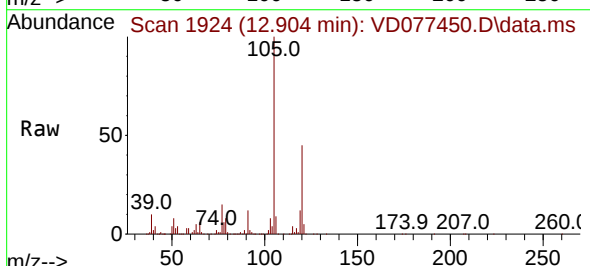
Tgt Ion: 91 Resp: 64395
Ion Ratio Lower Upper
91 100
126 31.5 19.4 58.1

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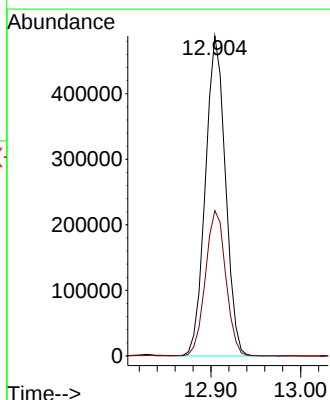
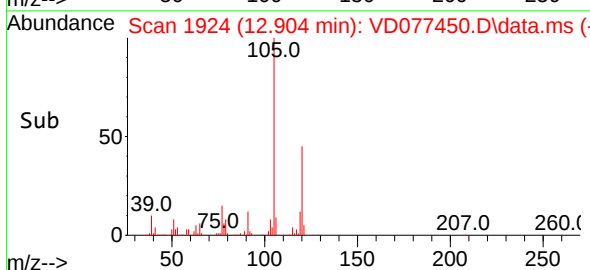
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

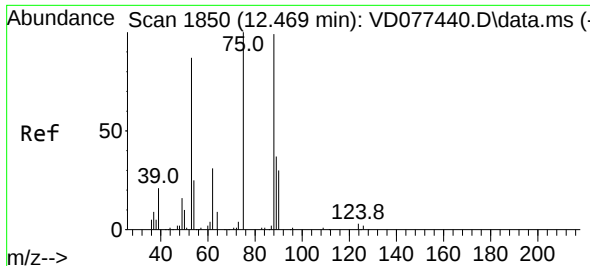


#80
1,3,5-Trimethylbenzene
Concen: 53.401 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



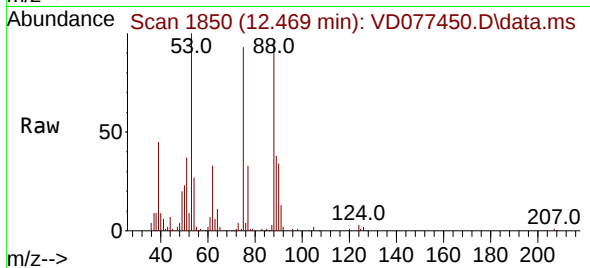
Tgt Ion:105 Resp: 755488
Ion Ratio Lower Upper
105 100
120 46.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.837 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

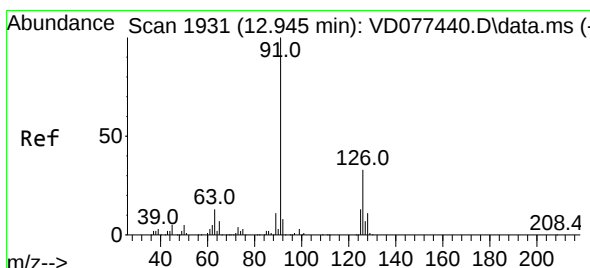
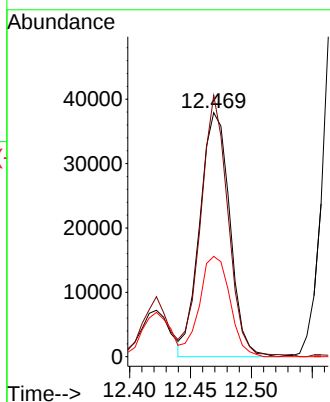
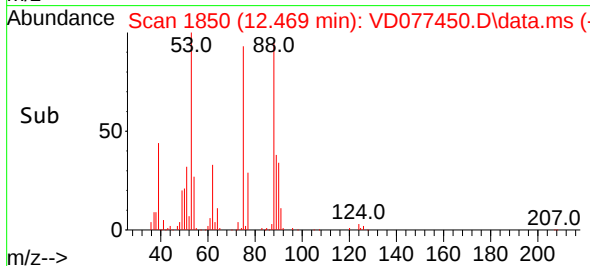
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



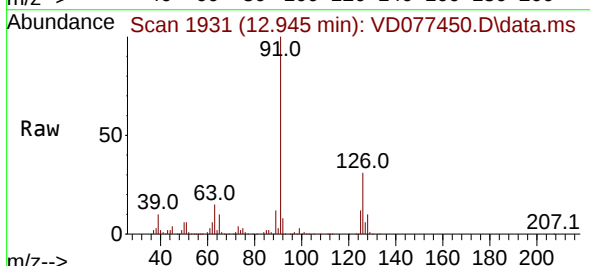
Tgt Ion: 75 Resp: 64939
Ion Ratio Lower Upper
75 100
53 97.6 63.0 94.4
89 41.9 37.9 56.9

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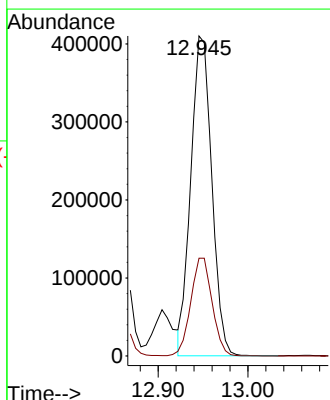
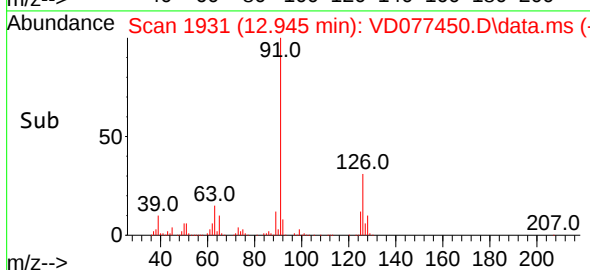
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

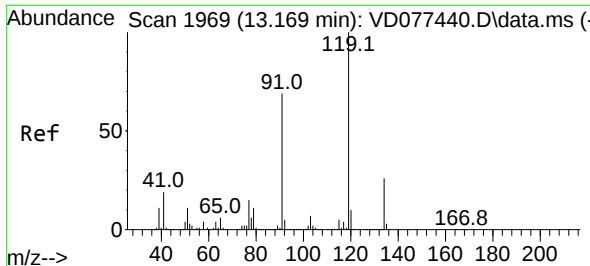


#82
4-Chlorotoluene
Concen: 52.734 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



Tgt Ion: 91 Resp: 665840
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





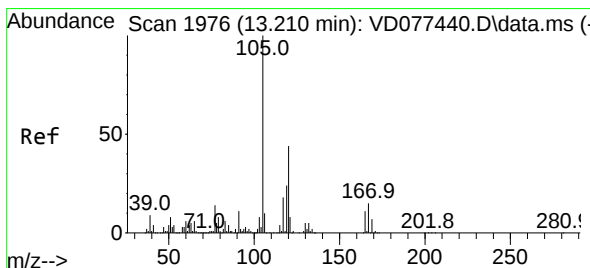
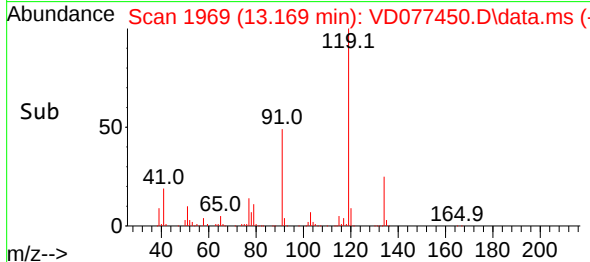
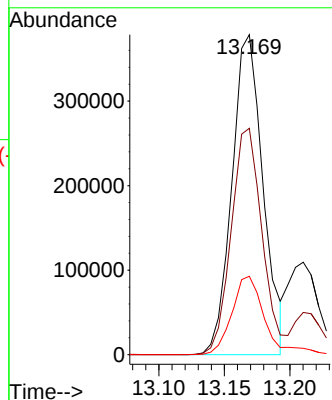
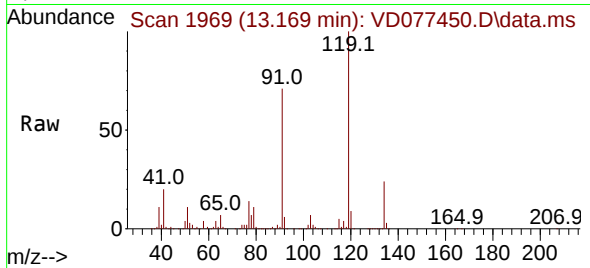
#83
tert-Butylbenzene
Concen: 52.616 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 62584
Ion Ratio Lower Upper
119 100
91 70.7 29.3 87.8
134 25.9 14.1 42.3

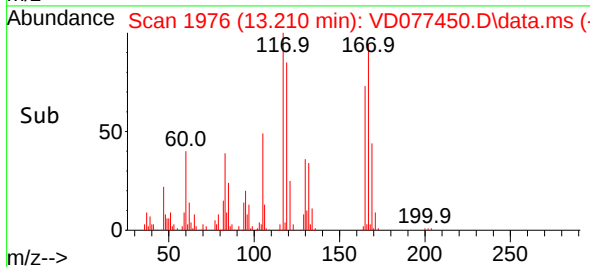
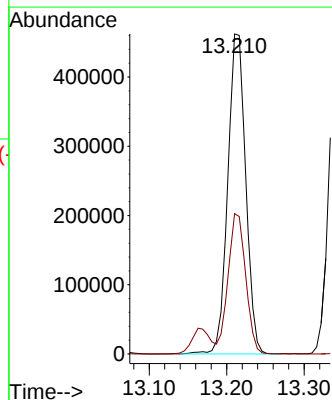
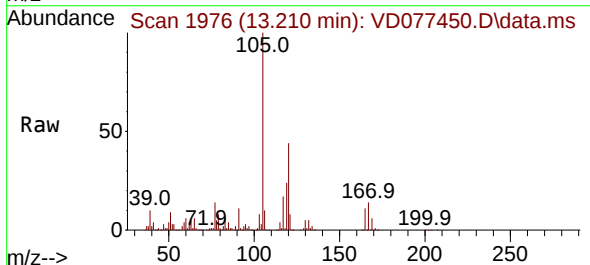
Manual Integrations
APPROVED

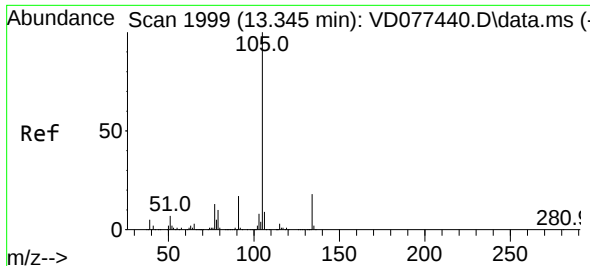
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.998 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

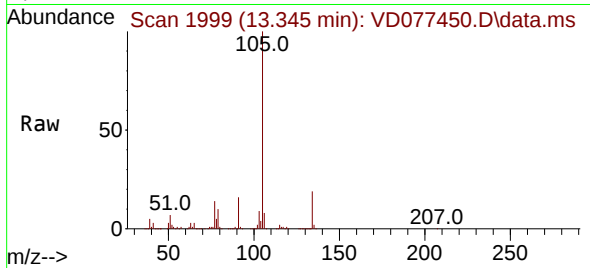
Tgt Ion:105 Resp: 744815
Ion Ratio Lower Upper
105 100
120 43.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 53.015 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

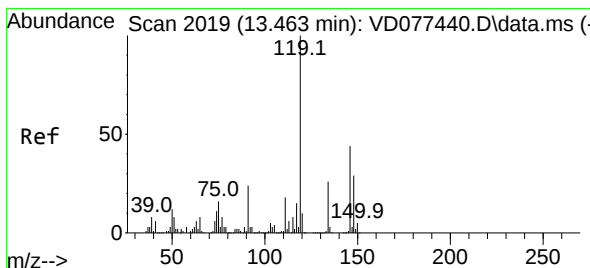
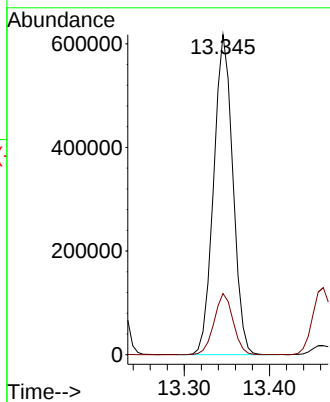
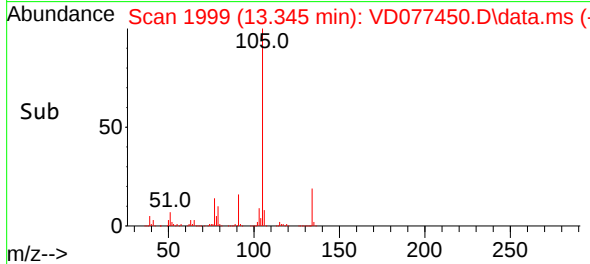
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 96484
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9

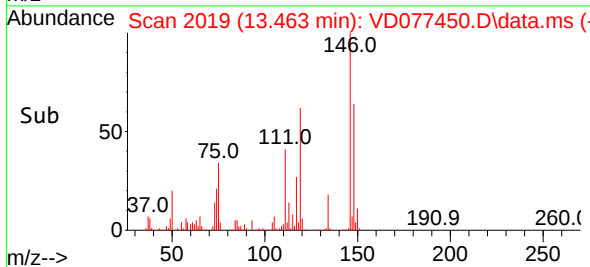
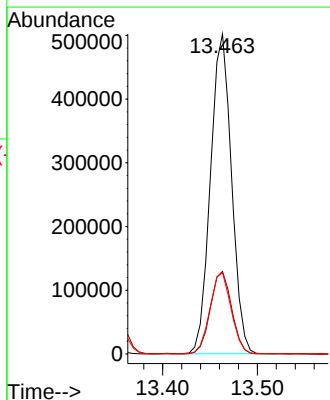
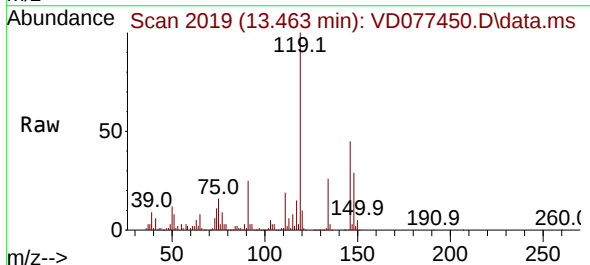
Manual Integrations
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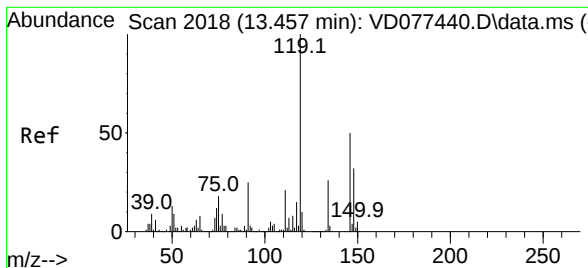
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 52.469 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion:119 Resp: 776182
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 25.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.322 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 38169

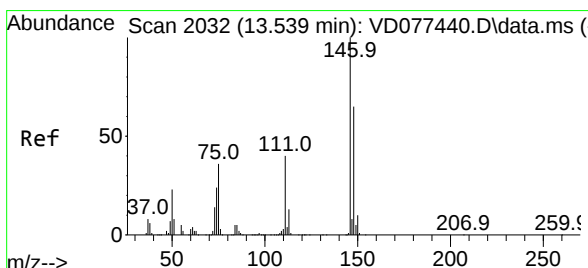
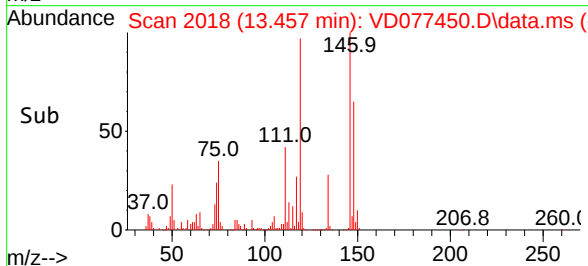
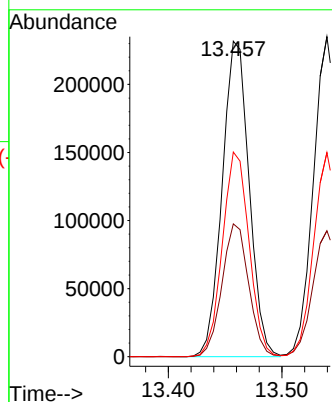
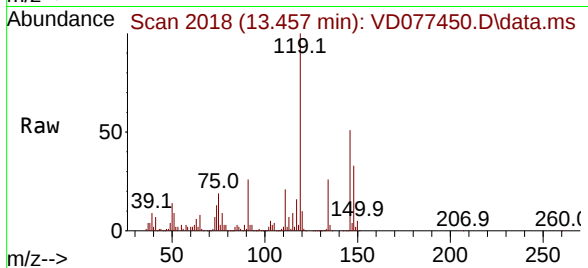
Ion	Ratio	Lower	Upper
146	100		
111	41.8	17.9	53.8
148	64.3	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#88

1,4-Dichlorobenzene

Concen: 52.282 ug/l

RT: 13.540 min Scan# 2032

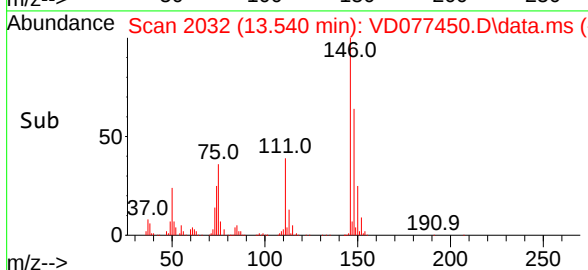
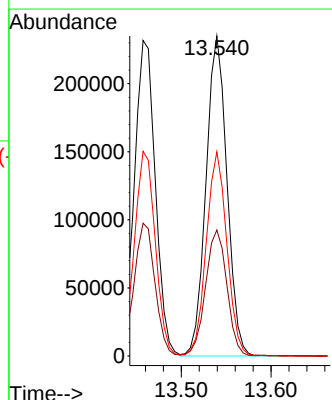
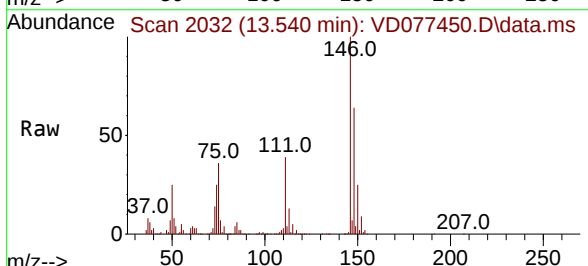
Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Tgt Ion:146 Resp: 381060

Ion	Ratio	Lower	Upper
146	100		
111	39.9	17.4	52.3
148	62.9	31.7	95.1





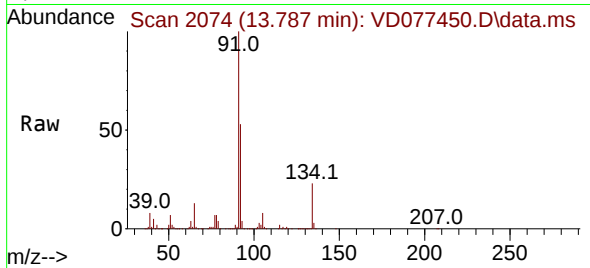
#89
n-Butylbenzene
Concen: 53.009 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



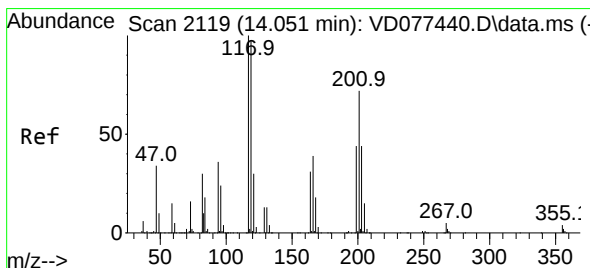
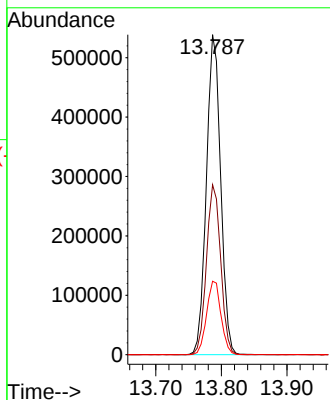
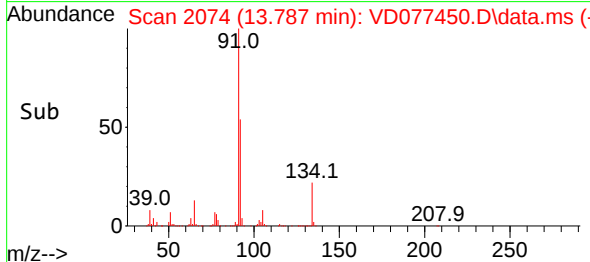
Tgt Ion: 91 Resp: 815039
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 23.2 13.8 41.3

Manual Integrations

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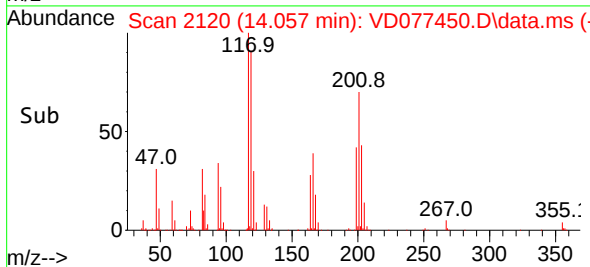
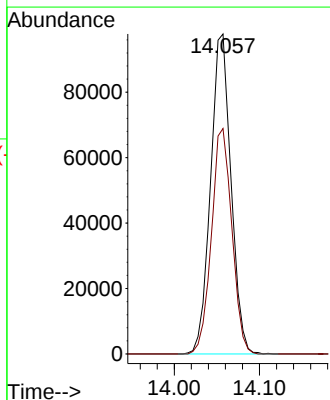
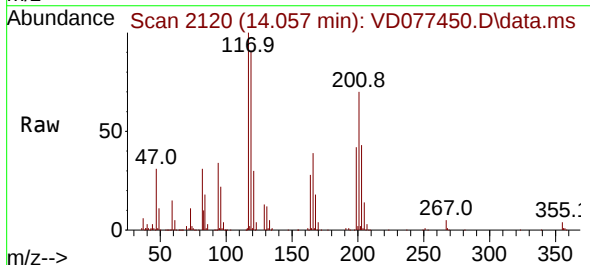
Reviewed By :John Carlone 10/31/2023

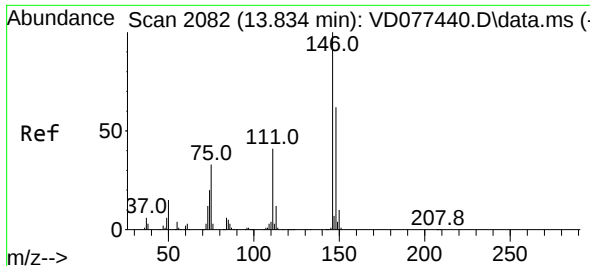
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 53.792 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

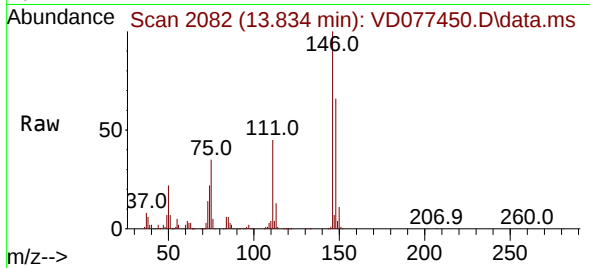
Tgt Ion:117 Resp: 162836
Ion Ratio Lower Upper
117 100
201 70.4 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 52.050 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

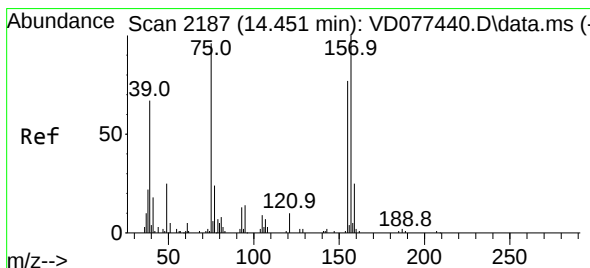
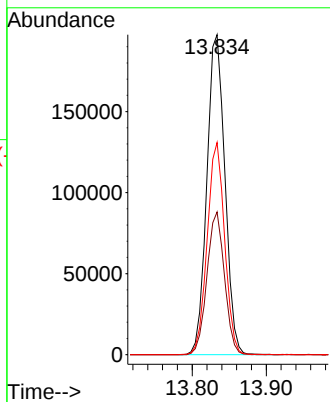
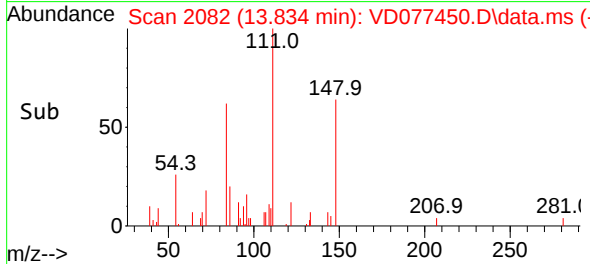
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 333699
Ion Ratio Lower Upper
146 100
111 43.3 18.3 54.8
148 64.0 31.6 94.7

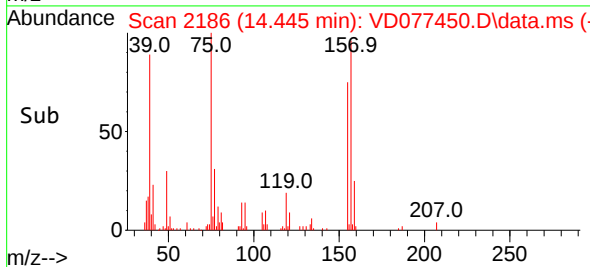
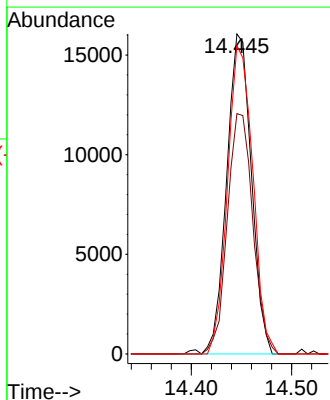
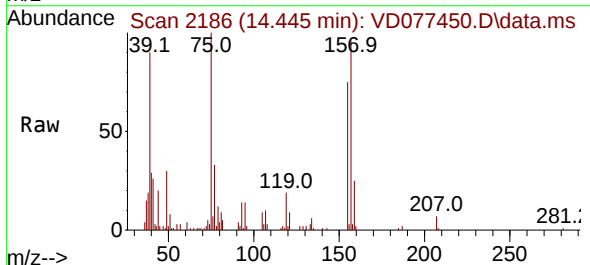
Manual Integrations
APPROVED

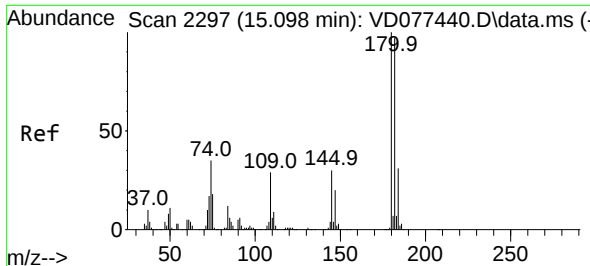
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.548 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

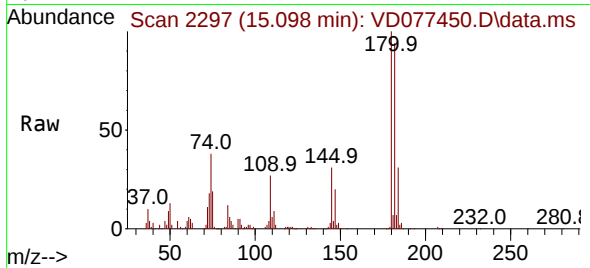
Tgt Ion: 75 Resp: 27588
Ion Ratio Lower Upper
75 100
155 77.4 47.9 143.8
157 98.1 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 51.290 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

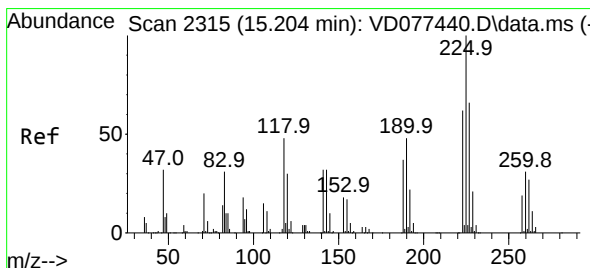
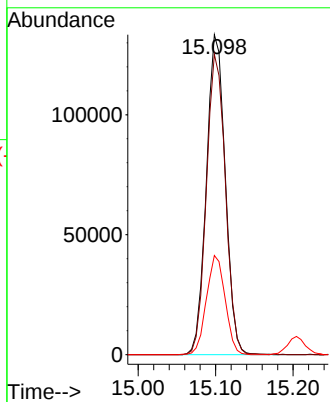
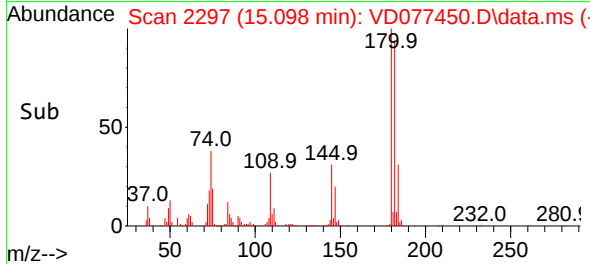
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



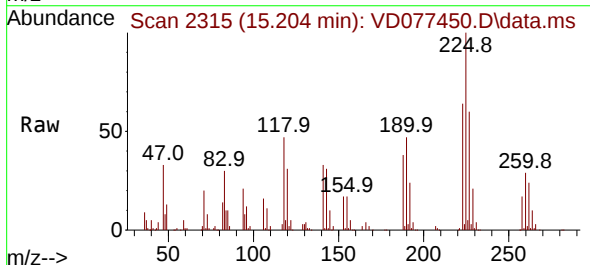
Tgt Ion:180 Resp: 225899
Ion Ratio Lower Upper
180 100
182 94.5 48.5 145.6
145 30.8 14.2 42.6

Manual Integrations
APPROVED

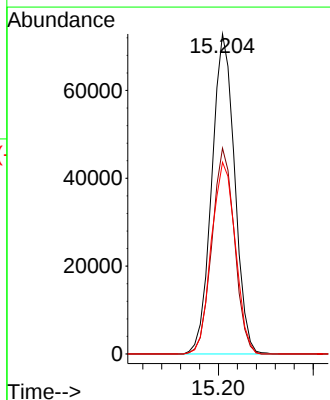
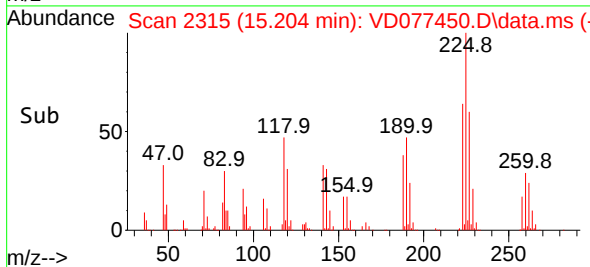
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

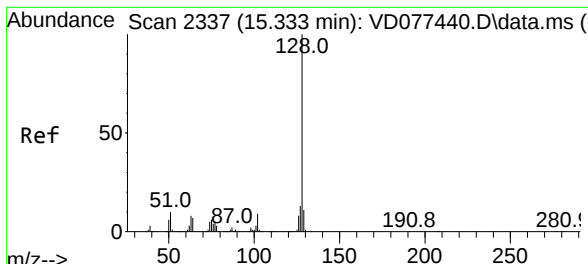


#94
Hexachlorobutadiene
Concen: 51.410 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54



Tgt Ion:225 Resp: 122135
Ion Ratio Lower Upper
225 100
223 63.2 31.6 94.8
227 62.7 31.7 95.1





#95
 Naphthalene
 Concen: 51.263 ug/l
 RT: 15.334 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

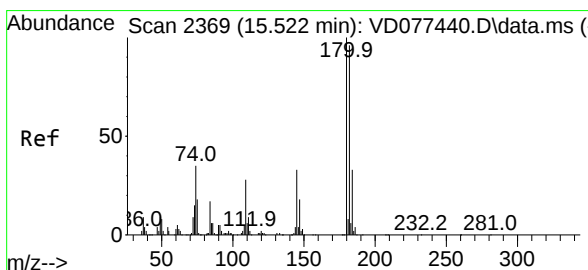
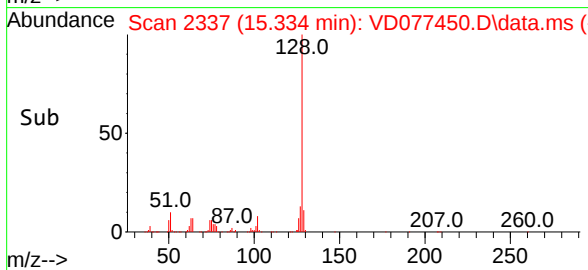
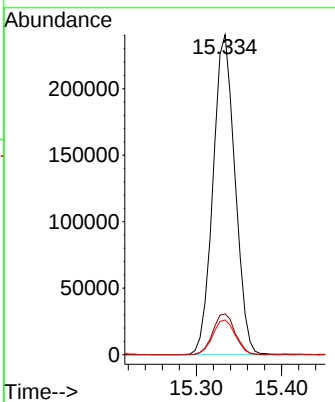
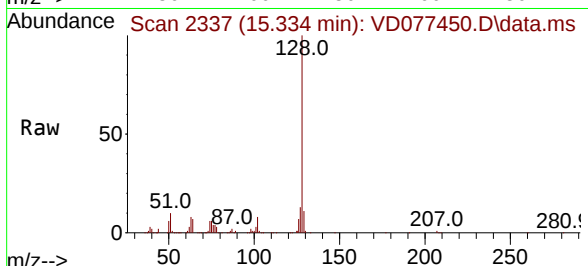
Instrument : MSVOA_D
 ClientSampleId : VSTDCCC050EC

Tgt Ion:128 Resp: 430708

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.7	13.1

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#96
 1,2,3-Trichlorobenzene
 Concen: 51.459 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion:180 Resp: 195633

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	32.8	15.1	45.3

