

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077441.D
 Acq On : 30 Oct 2023 11:35
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 31 03:56:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

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	320275	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	581076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	513308	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	235047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	467575	103.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 206.480%#			
35) Dibromofluoromethane	7.805	113	404485	100.714	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.420%#			
50) Toluene-d8	10.269	98	1568991	100.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 201.160%#			
62) 4-Bromofluorobenzene	12.575	95	526179	100.146	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 200.300%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	268271	103.881	ug/l	99
3) Chloromethane	2.146	50	458132	111.739	ug/l	99
4) Vinyl Chloride	2.287	62	463214	115.858	ug/l	100
5) Bromomethane	2.687	94	241930	115.477	ug/l	98
6) Chloroethane	2.834	64	302134	112.242	ug/l	99
7) Trichlorofluoromethane	3.175	101	616336	110.080	ug/l	97
8) Diethyl Ether	3.593	74	218664	108.647	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	3.969	101	366808	108.521	ug/l	96
10) Methyl Iodide	4.164	142	466991	105.658	ug/l	91
11) Tert butyl alcohol	5.058	59	172690	481.373	ug/l	97
12) 1,1-Dichloroethene	3.940	96	358035	111.887	ug/l #	64
13) Acrolein	3.793	56	238856	504.898	ug/l	99
14) Allyl chloride	4.558	41	875824	113.455	ug/l #	82
15) Acrylonitrile	5.252	53	571171	524.986	ug/l	97
16) Acetone	4.022	43	625336	521.815	ug/l #	77
17) Carbon Disulfide	4.269	76	1080427	104.993	ug/l	99
18) Methyl Acetate	4.564	43	482345	110.344	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	1061127	105.643	ug/l #	91
20) Methylene Chloride	4.799	84	465220	105.970	ug/l #	67
21) trans-1,2-Dichloroethene	5.316	96	417032	111.902	ug/l #	73
22) Diisopropyl ether	6.216	45	1776468	108.276	ug/l #	90
23) Vinyl Acetate	6.152	43	3804927m	533.185	ug/l	
24) 1,1-Dichloroethane	6.111	63	914382	107.407	ug/l	93
25) 2-Butanone	7.081	43	823643	515.272	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	780391	103.438	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	502307	108.793	ug/l	71
28) Bromochloromethane	7.428	49	426412	107.936	ug/l #	55
29) Tetrahydrofuran	7.446	42	508003	535.852	ug/l #	69
30) Chloroform	7.593	83	841912	105.916	ug/l	96
31) Cyclohexane	7.875	56	777058	109.759	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	708745	108.219	ug/l	96
36) 1,1-Dichloropropene	8.010	75	648871	108.969	ug/l	93
37) Ethyl Acetate	7.169	43	359765	105.278	ug/l #	87
38) Carbon Tetrachloride	7.993	117	598382	106.641	ug/l	98
39) Methylcyclohexane	9.275	83	756749	111.382	ug/l #	78
40) Benzene	8.252	78	1822010	107.305	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	218692	100.016	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	552934	102.815	ug/l	90
43) Isopropyl Acetate	8.357	43	733387	103.997	ug/l #	80
44) Trichloroethene	9.028	130	443131	106.541	ug/l	84
45) 1,2-Dichloropropane	9.305	63	527539	105.531	ug/l	100
46) Dibromomethane	9.393	93	246105	102.301	ug/l	90
47) Bromodichloromethane	9.587	83	656875	103.305	ug/l	97
48) Methyl methacrylate	9.381	41	355903	105.728	ug/l #	64
49) 1,4-Dioxane	9.381	88	52743	2040.347	ug/l #	61
51) 4-Methyl-2-Pentanone	10.157	43	1794681	517.036	ug/l #	81
52) Toluene	10.334	92	1093895	105.678	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	702715	104.368	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	813913	105.046	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	329162	102.555	ug/l	93
56) Ethyl methacrylate	10.599	69	497624	104.277	ug/l #	60
57) 1,3-Dichloropropane	10.881	76	620163	103.375	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	1310640	548.598	ug/l #	85
59) 2-Hexanone	10.922	43	1303519	509.776	ug/l	78
60) Dibromochloromethane	11.075	129	396746	102.799	ug/l	96
61) 1,2-Dibromoethane	11.181	107	314112	103.343	ug/l	100
64) Tetrachloroethene	10.810	164	346286	105.961	ug/l	91
65) Chlorobenzene	11.610	112	1124517	104.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	417248	102.675	ug/l	97
67) Ethyl Benzene	11.687	91	2190473	105.864	ug/l	93
68) m/p-Xylenes	11.793	106	1582284	211.767	ug/l	80
69) o-Xylene	12.122	106	754527	105.426	ug/l	80
70) Styrene	12.134	104	1286979	104.237	ug/l #	90
71) Bromoform	12.298	173	226565	100.564	ug/l #	99
73) Isopropylbenzene	12.422	105	2003571	104.551	ug/l	95
74) N-amyl acetate	12.234	43	702739	103.529	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	383070	101.975	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	288910m	91.987	ug/l	
77) Bromobenzene	12.698	156	436099	103.386	ug/l	70
78) n-propylbenzene	12.763	91	2549119	104.761	ug/l	92
79) 2-Chlorotoluene	12.851	91	1426584	103.546	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	1660975	103.295	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	150243	101.447	ug/l #	84
82) 4-Chlorotoluene	12.945	91	1490448	103.857	ug/l	87
83) tert-Butylbenzene	13.169	119	1410701	104.347	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	1647304	103.129	ug/l	92
85) sec-Butylbenzene	13.345	105	2156699	104.262	ug/l	94
86) p-Isopropyltoluene	13.463	119	1755928	104.435	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	854077	103.006	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	836049	100.922	ug/l	96
89) n-Butylbenzene	13.787	91	1828712	104.644	ug/l	97
90) Hexachloroethane	14.057	117	357613	103.938	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	740563	101.631	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	63083	99.682	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	523861	104.649	ug/l	97
94) Hexachlorobutadiene	15.204	225	282724	104.704	ug/l	99
95) Naphthalene	15.334	128	992159	103.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	446571	103.349	ug/l	99

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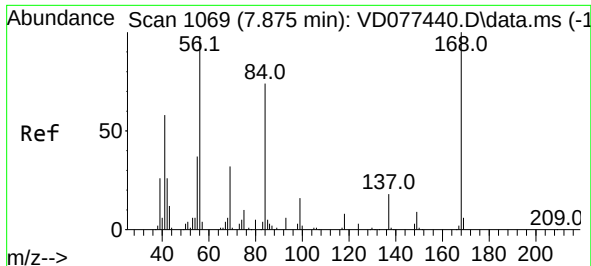
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/31/2023

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

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



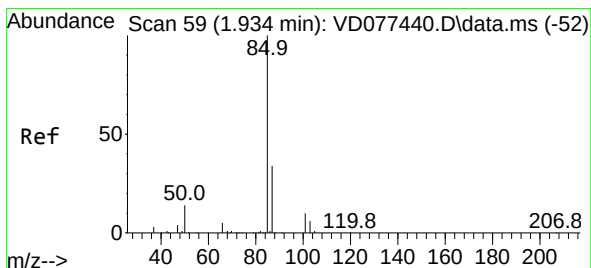
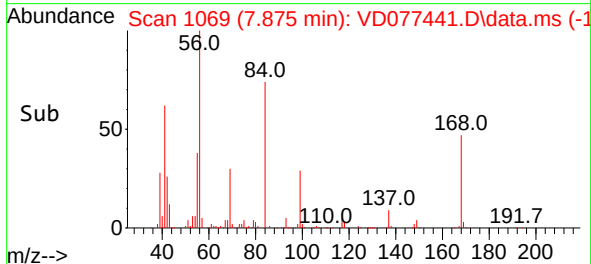
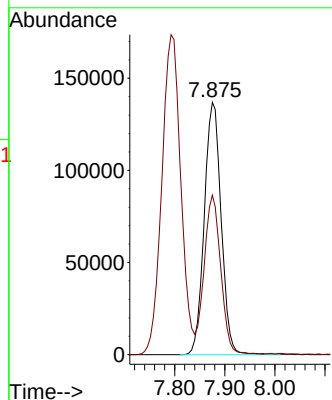
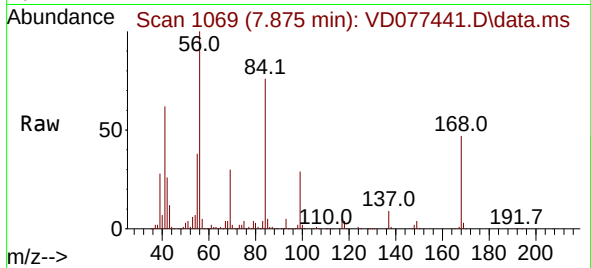
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 320271
Ion Ratio Lower Upper
168 100
99 62.7 36.7 55.1

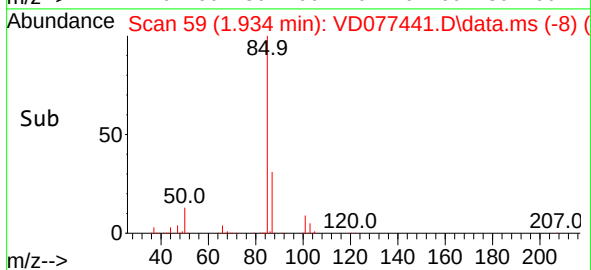
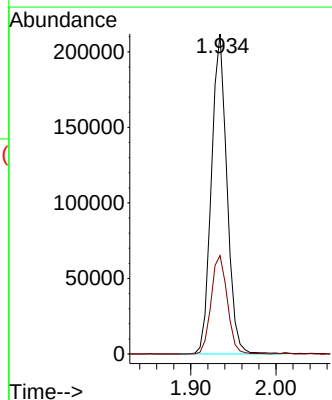
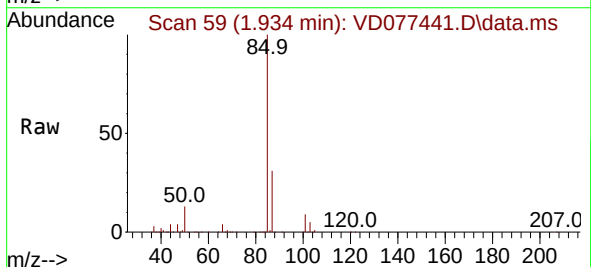
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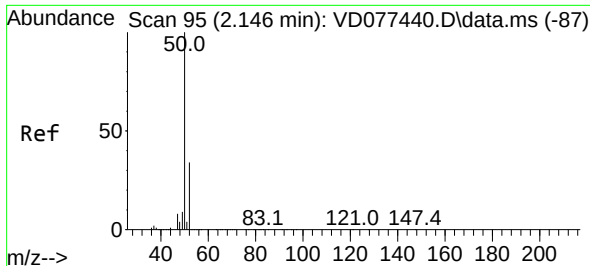
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 103.881 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 85 Resp: 268271
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0





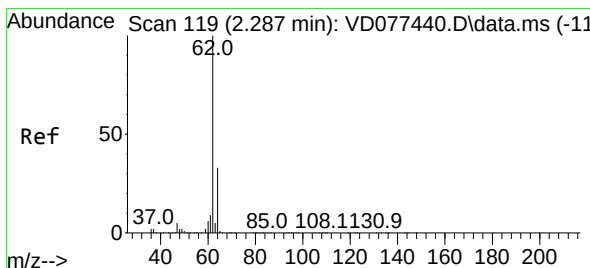
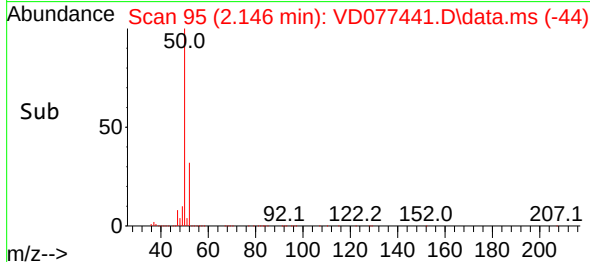
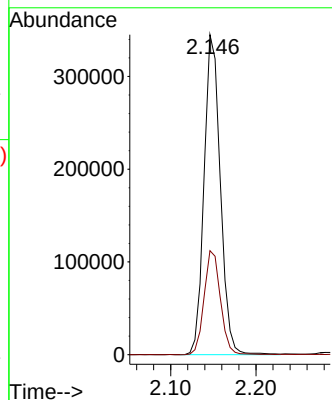
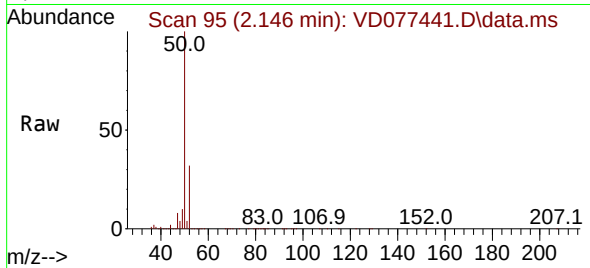
#3
Chloromethane
Concen: 111.739 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
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VSTDICC100

Tgt Ion: 50 Resp: 458132
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

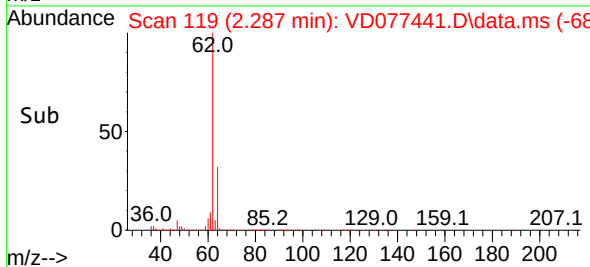
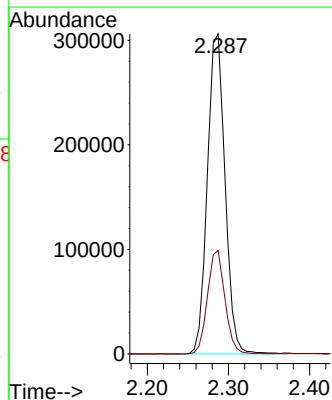
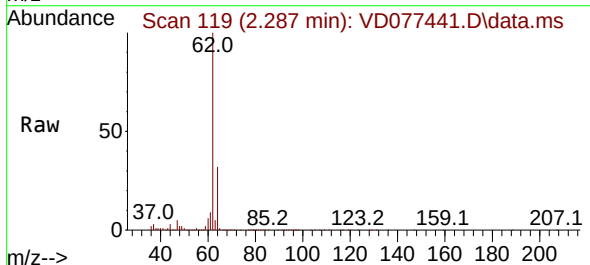
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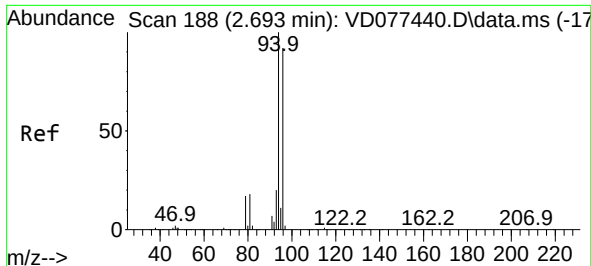
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#4
Vinyl Chloride
Concen: 115.858 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

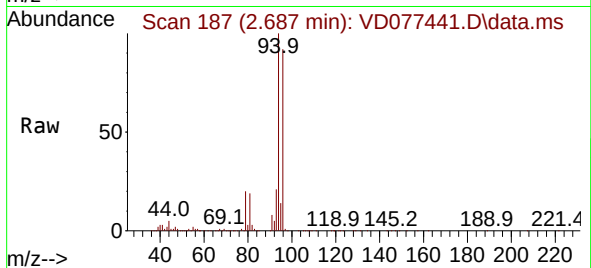
Tgt Ion: 62 Resp: 463214
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 115.477 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

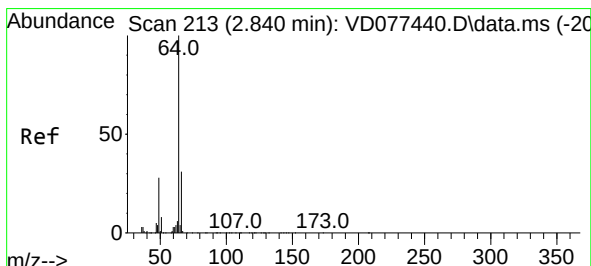
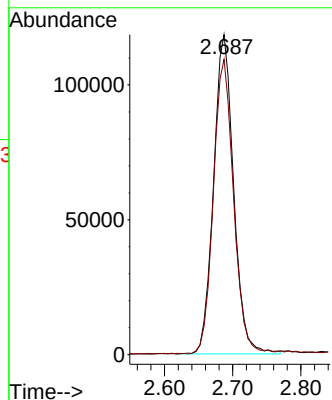
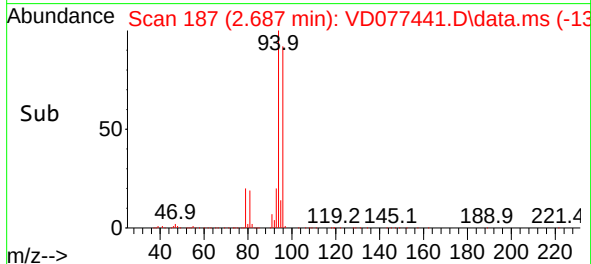
Instrument :
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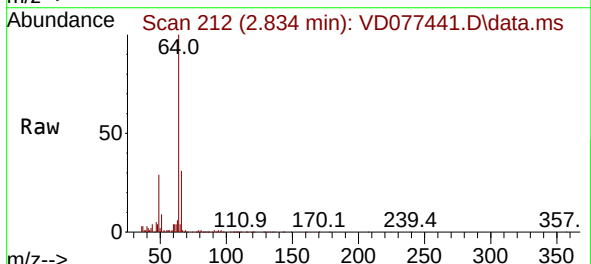
Tgt Ion: 94 Resp: 241930
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8

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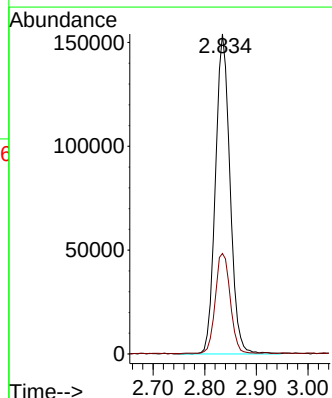
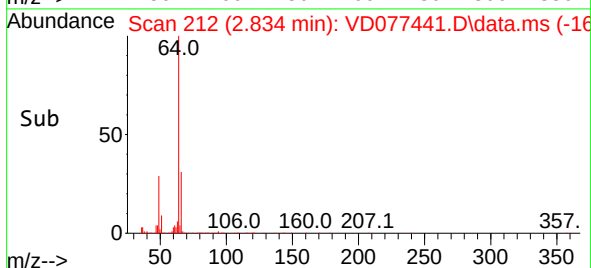
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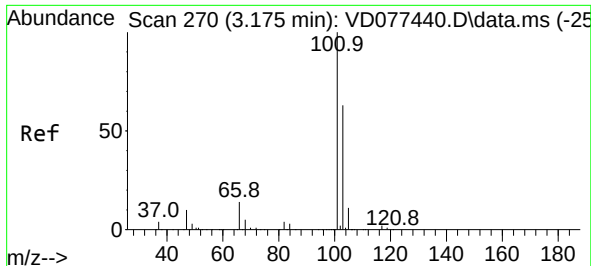


#6
Chloroethane
Concen: 112.242 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



Tgt Ion: 64 Resp: 302134
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3





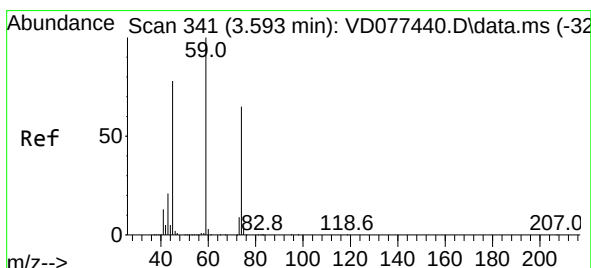
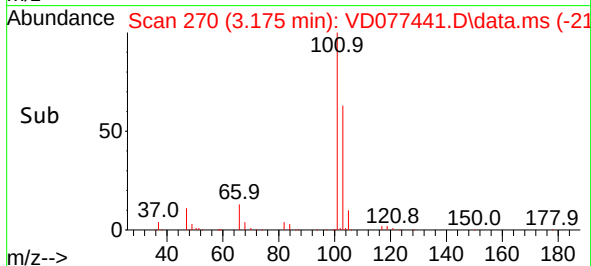
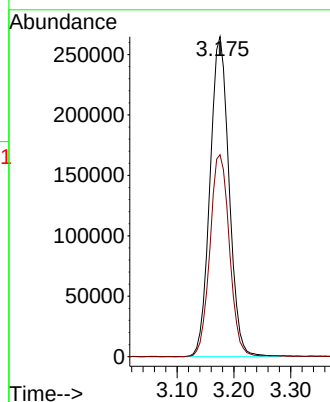
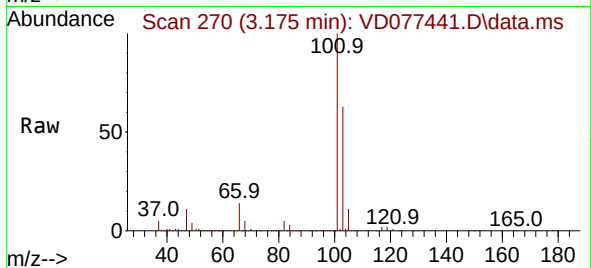
#7
 Trichlorofluoromethane
 Concen: 110.080 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 616330
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.3 78.5

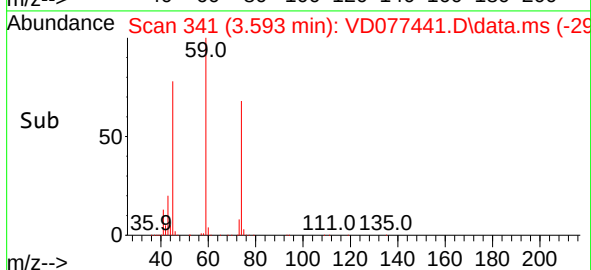
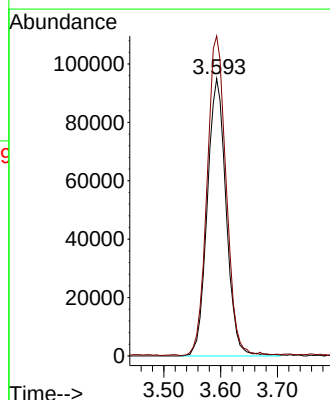
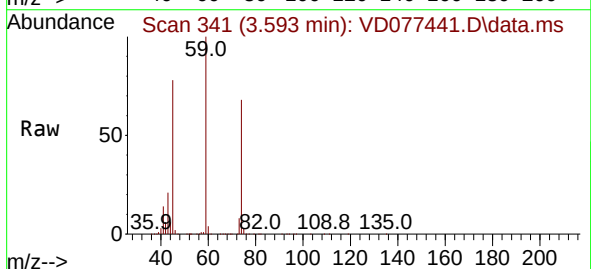
Manual Integrations
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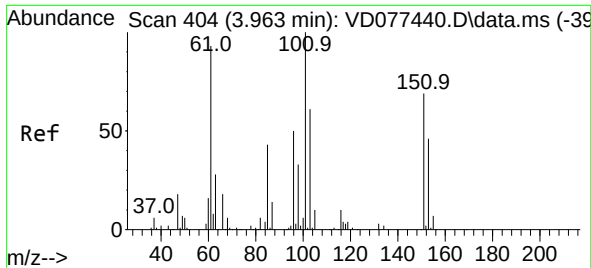
Reviewed By :John Carlone 10/31/2023
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#8
 Diethyl Ether
 Concen: 108.647 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 218664
 Ion Ratio Lower Upper
 74 100
 45 115.9 37.5 112.7#





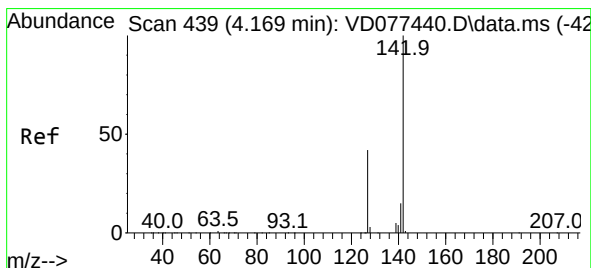
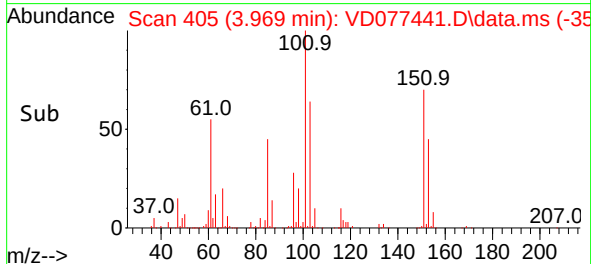
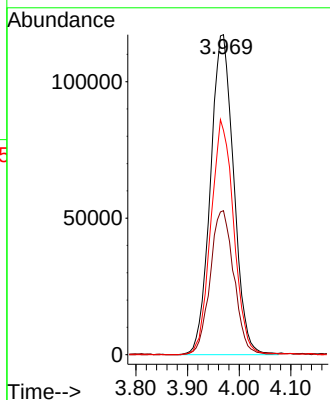
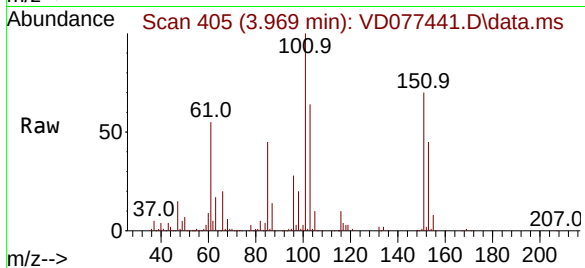
#9
1,1,2-Trichlorotrifluoroethane
Concen: 108.521 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 366808
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 72.2 59.8 89.6

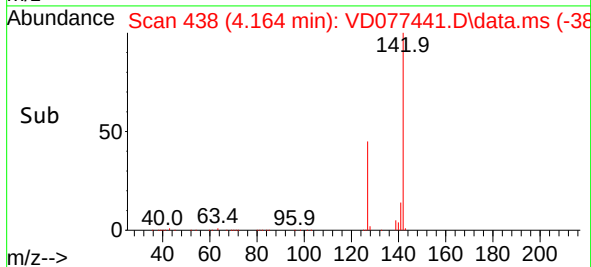
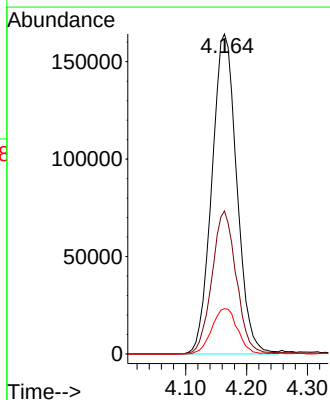
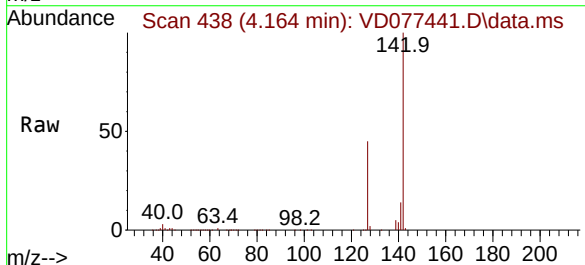
Manual Integrations
APPROVED

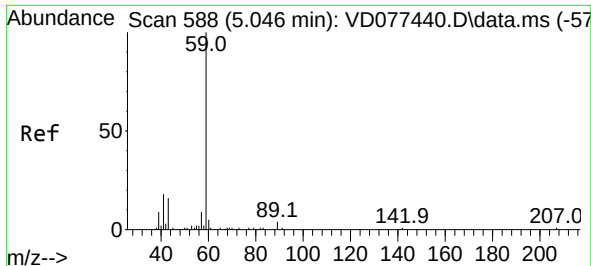
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 105.658 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

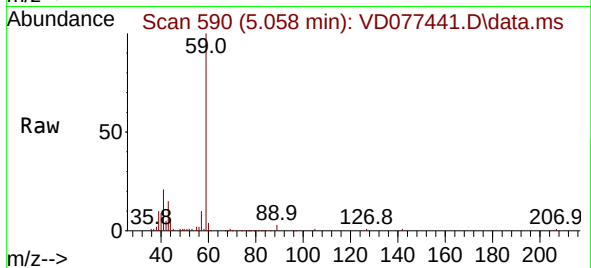
Tgt Ion:142 Resp: 466991
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 481.373 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

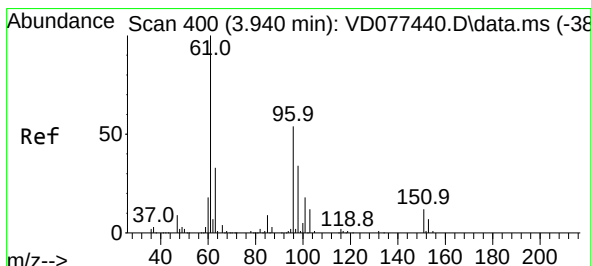
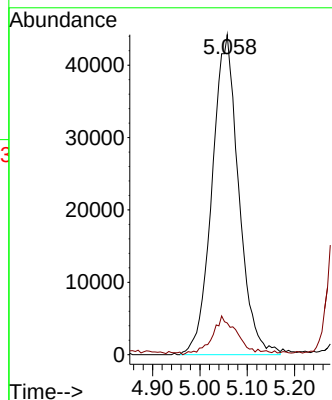
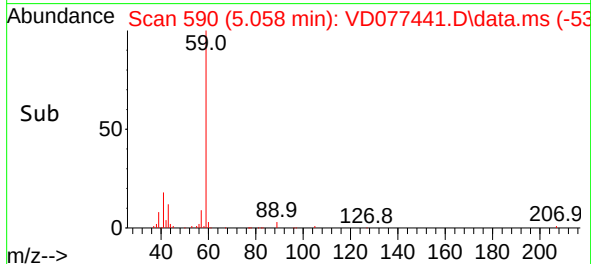
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 172690
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

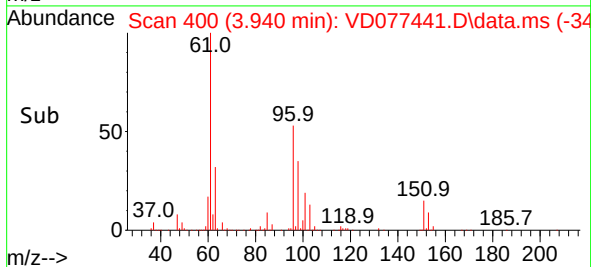
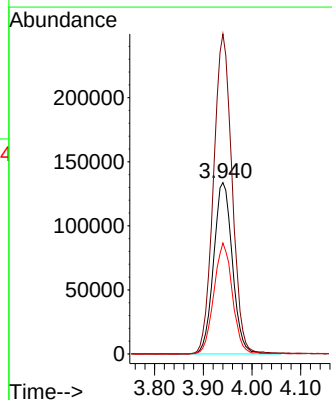
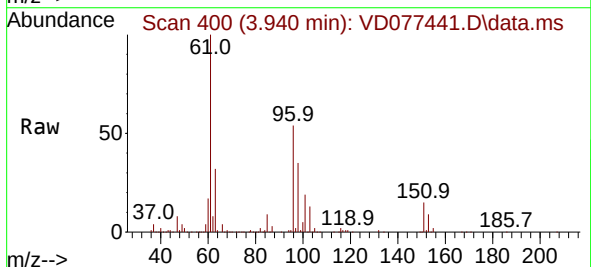
Manual Integrations
APPROVED

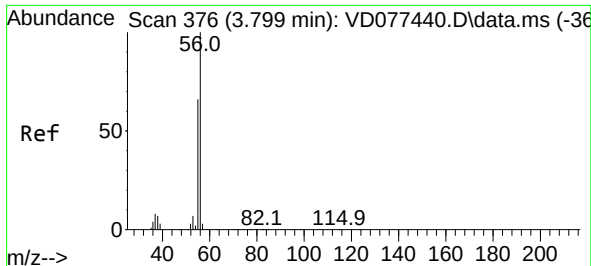
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 111.887 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

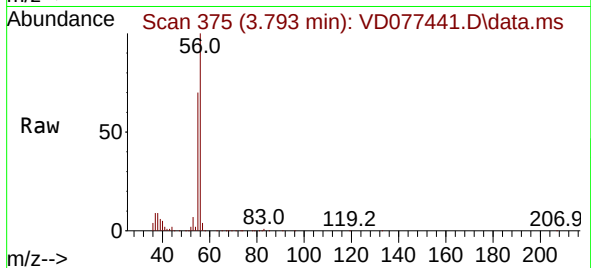
Tgt Ion: 96 Resp: 358035
Ion Ratio Lower Upper
96 100
61 186.7 100.6 150.8#
98 64.6 50.2 75.2





#13
Acrolein
Concen: 504.898 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

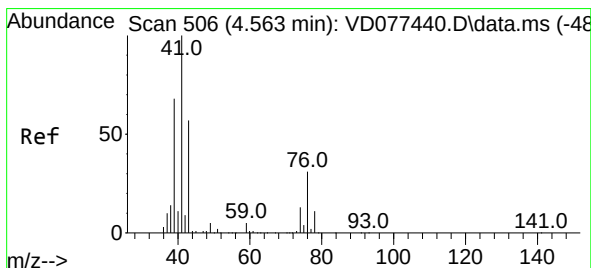
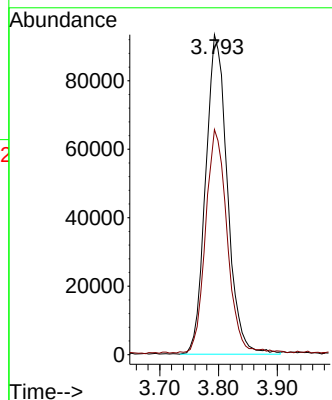
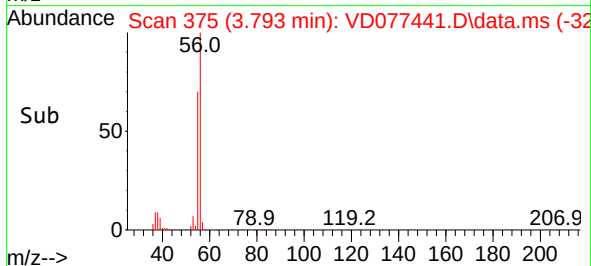
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 238850
Ion Ratio Lower Upper
56 100
55 69.5 55.1 82.7

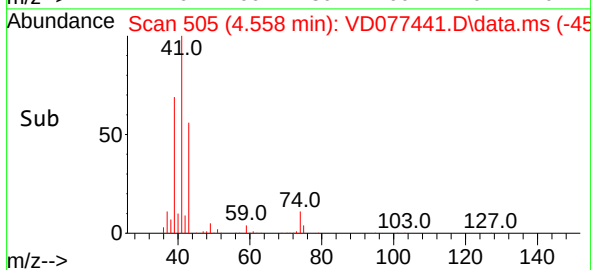
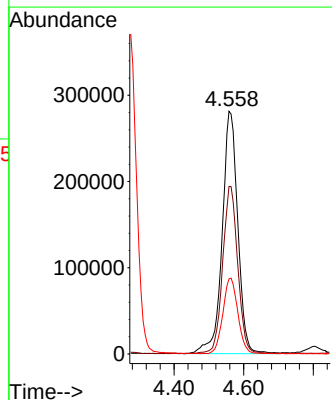
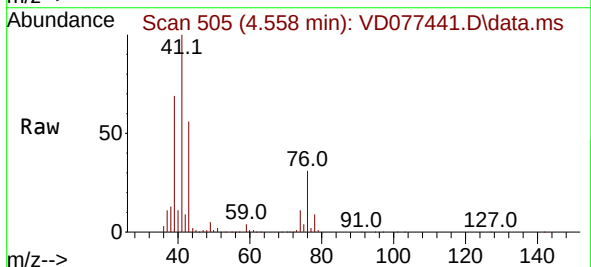
Manual Integrations
APPROVED

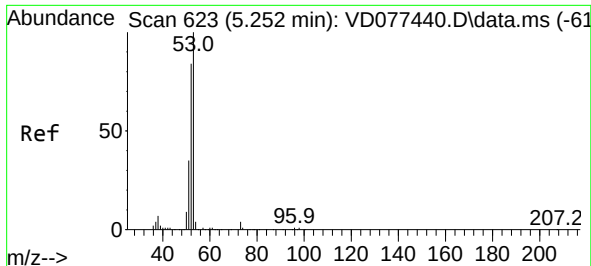
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 113.455 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

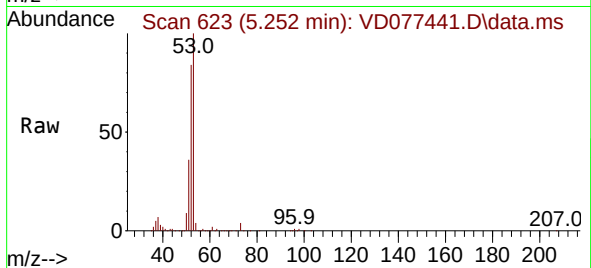
Tgt Ion: 41 Resp: 875824
Ion Ratio Lower Upper
41 100
39 66.8 53.8 80.6
76 29.6 45.8 68.8#





#15
Acrylonitrile
Concen: 524.986 ug/l
RT: 5.252 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

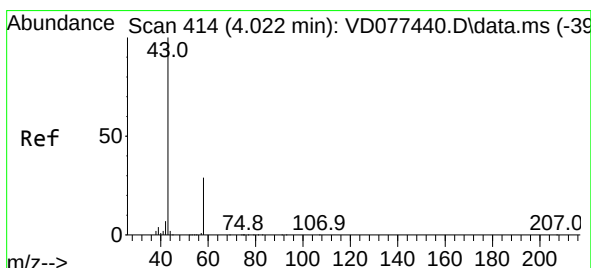
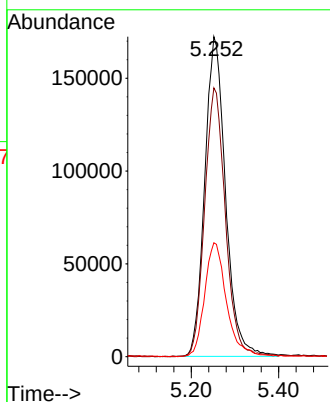
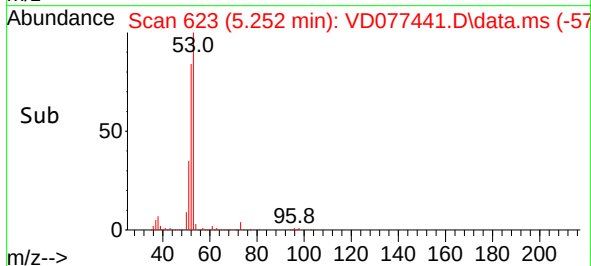
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 57117
Ion Ratio Lower Upper
53 100
52 84.0 65.0 97.4
51 37.5 28.3 42.5

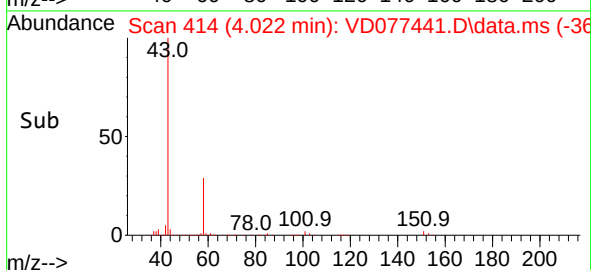
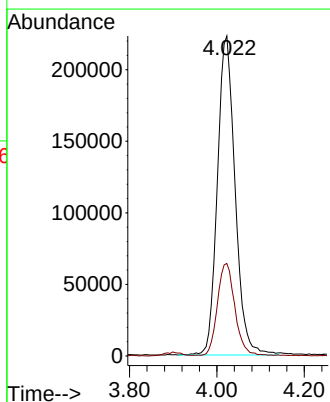
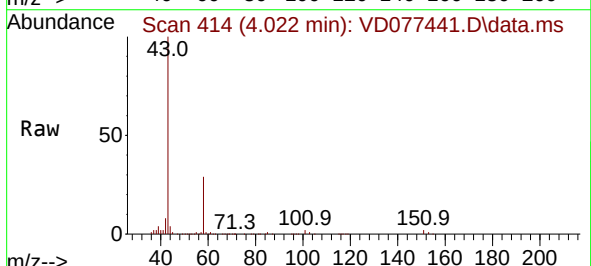
Manual Integrations
APPROVED

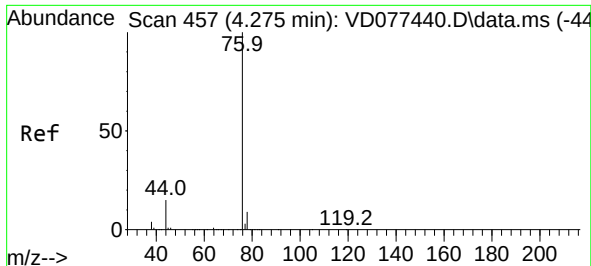
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 521.815 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 43 Resp: 625336
Ion Ratio Lower Upper
43 100
58 28.7 34.7 52.1#





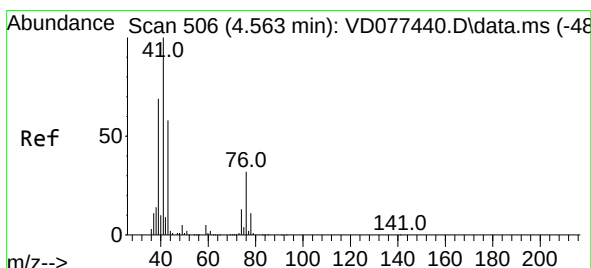
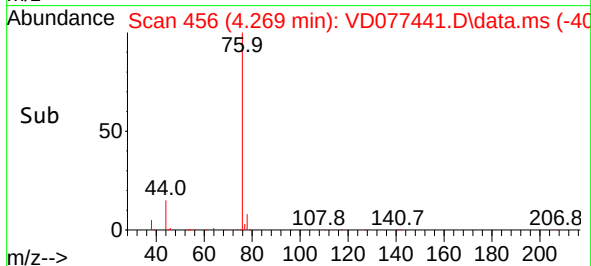
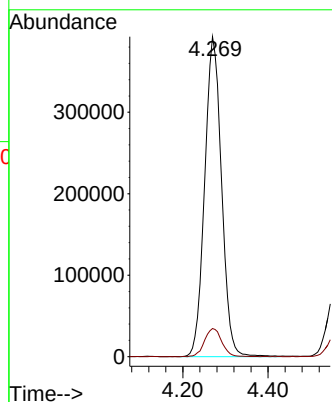
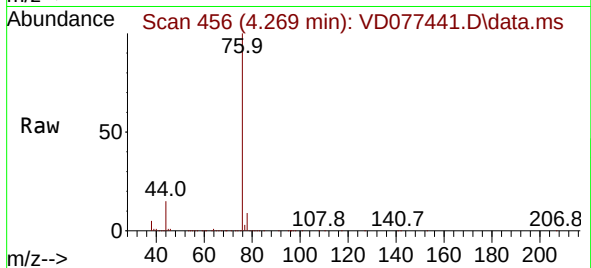
#17
Carbon Disulfide
Concen: 104.993 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 108042
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

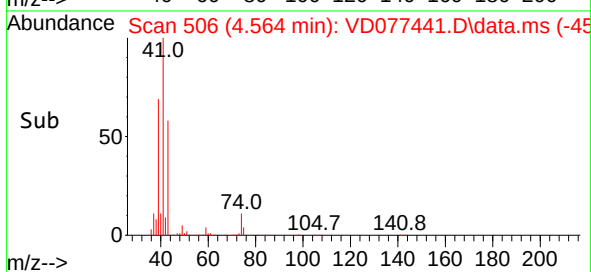
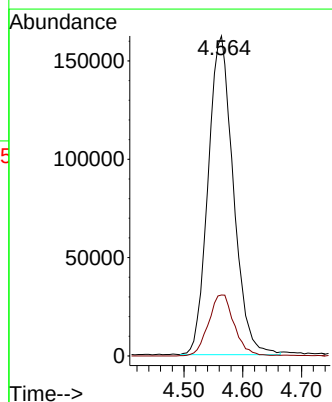
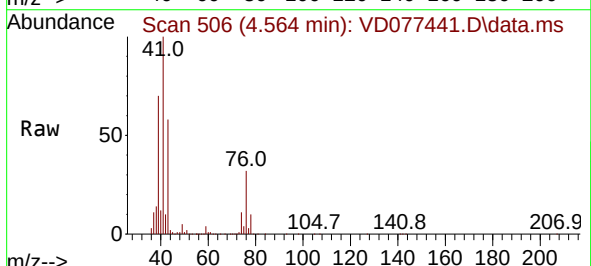
Manual Integrations
APPROVED

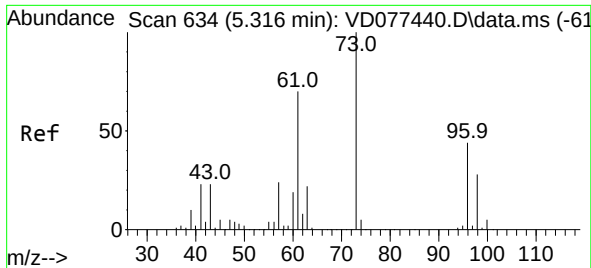
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 110.344 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 43 Resp: 482345
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#





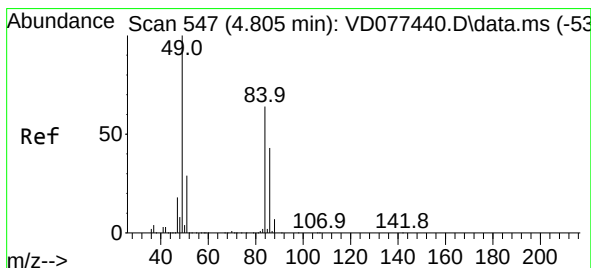
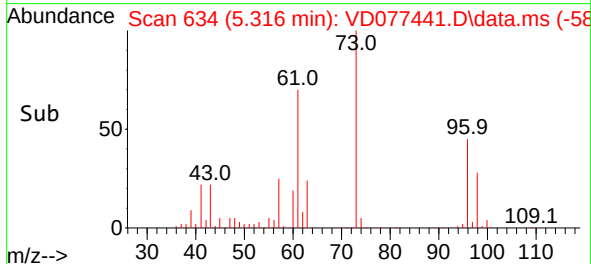
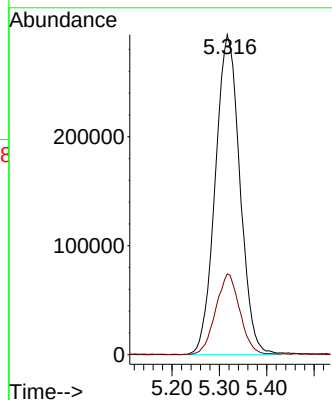
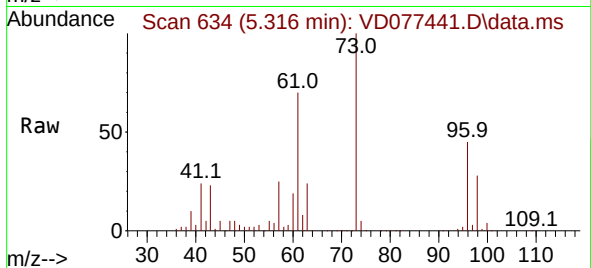
#19
Methyl tert-butyl Ether
Concen: 105.643 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 106112
Ion Ratio Lower Upper
73 100
57 25.2 16.6 25.0

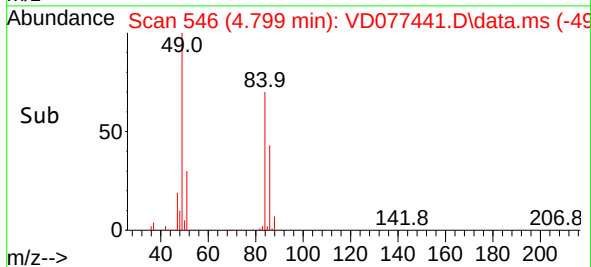
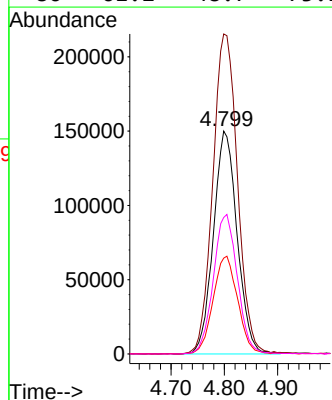
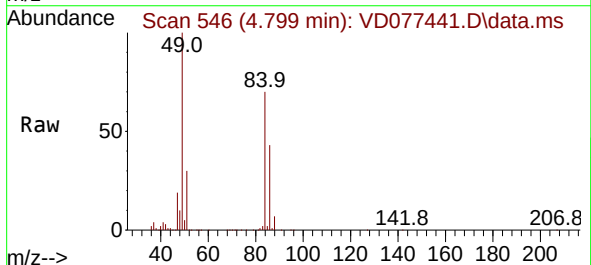
Manual Integrations
APPROVED

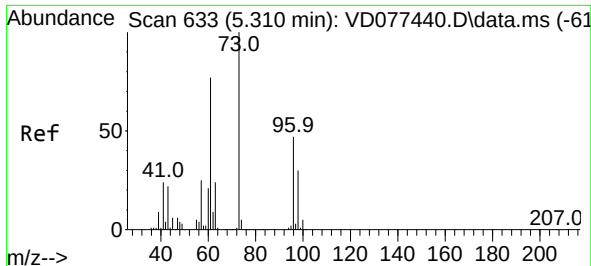
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 105.970 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

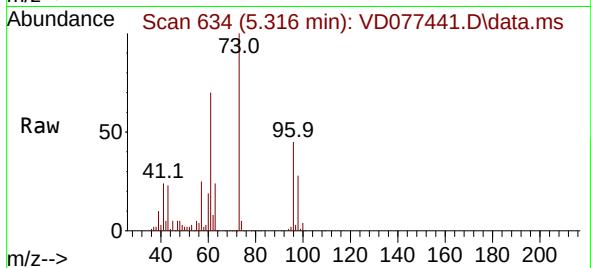
Tgt Ion: 84 Resp: 465220
Ion Ratio Lower Upper
84 100
49 143.5 71.4 107.2#
51 43.0 24.5 36.7#
86 61.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 111.902 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

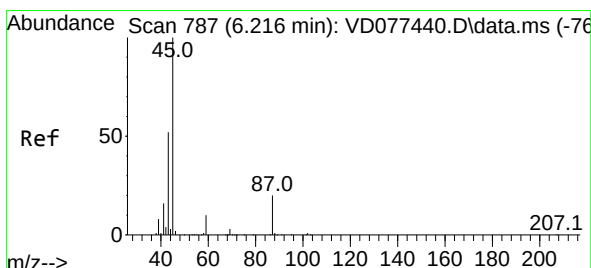
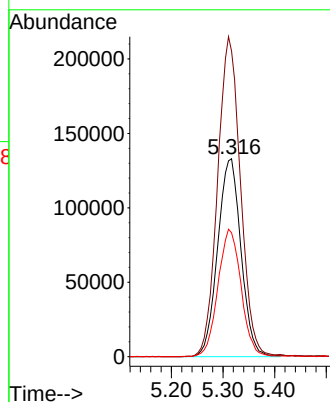
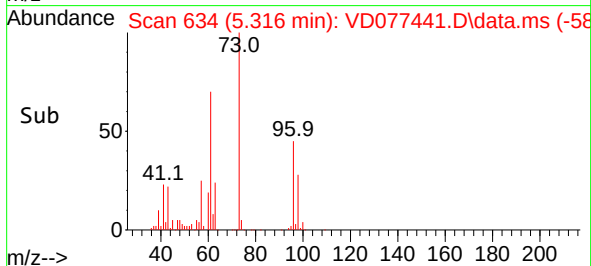
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 417032
Ion Ratio Lower Upper
96 100
61 154.4 89.3 133.9#
98 62.6 48.6 73.0

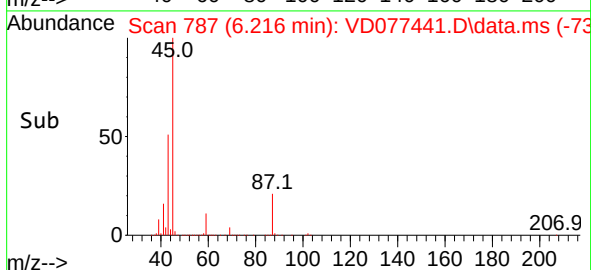
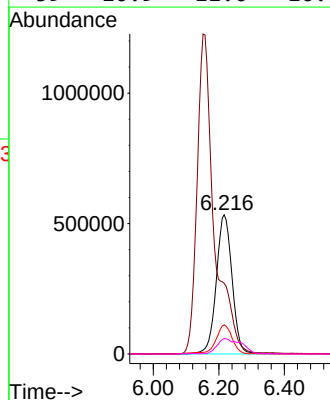
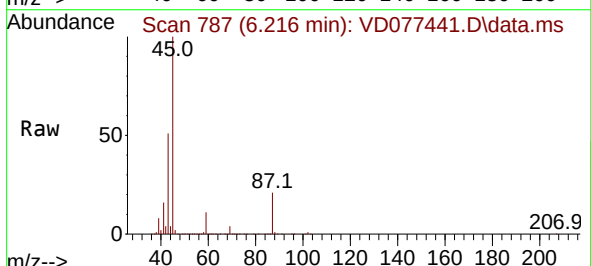
Manual Integrations
APPROVED

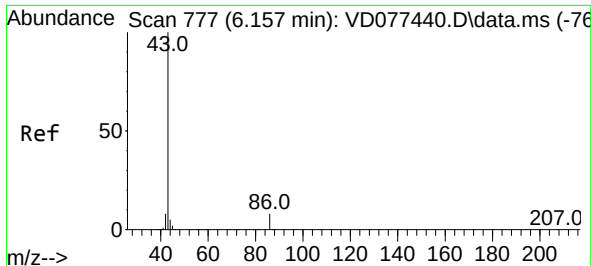
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 108.276 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 45 Resp: 1776468
Ion Ratio Lower Upper
45 100
43 50.6 40.0 60.0
87 20.9 28.2 42.4#
59 10.9 11.0 16.4#





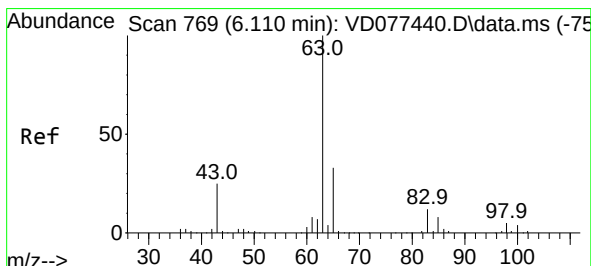
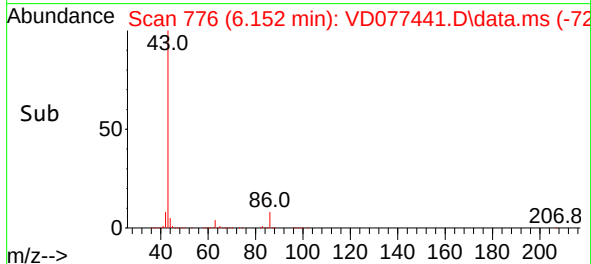
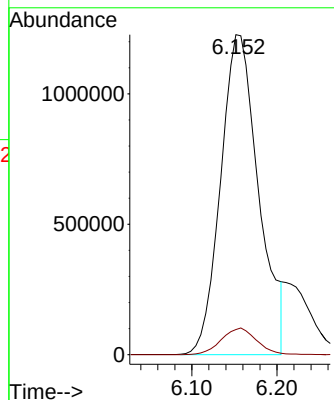
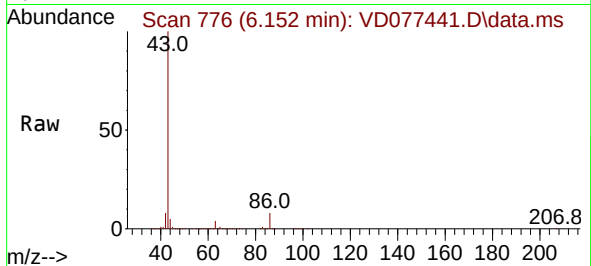
#23
 Vinyl Acetate
 Concen: 533.185 ug/l m
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 380492
 Ion Ratio Lower Upper
 43 100
 86 7.8 12.5 18.7

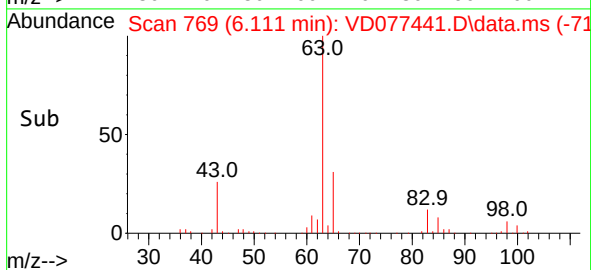
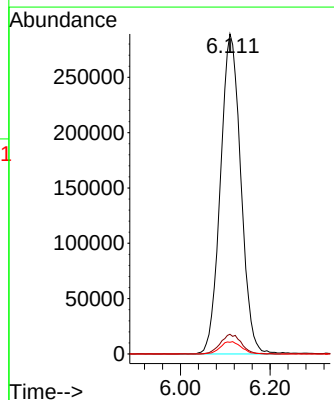
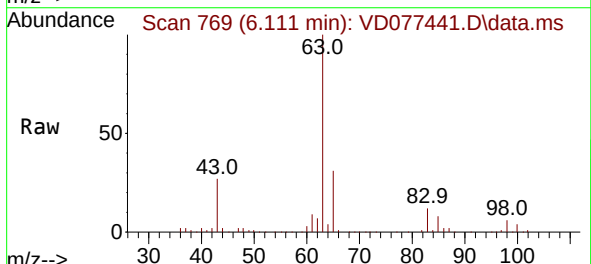
Manual Integrations
 APPROVED

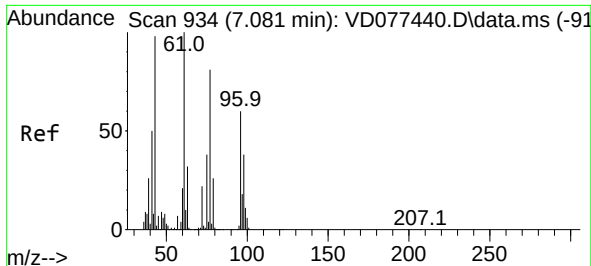
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 107.407 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Tgt Ion: 63 Resp: 914382
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.5 13.7
 100 3.7 2.5 7.5





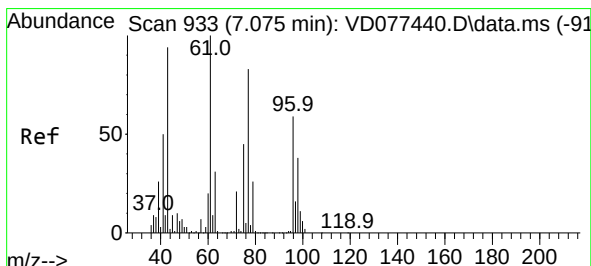
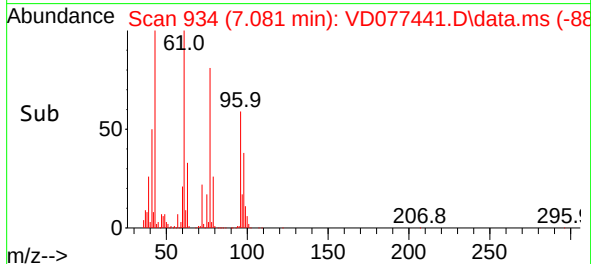
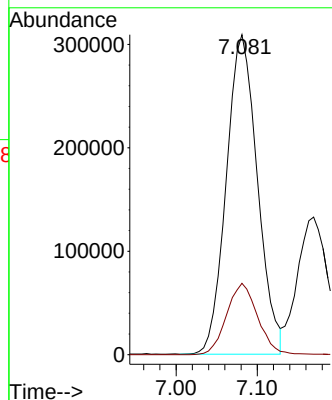
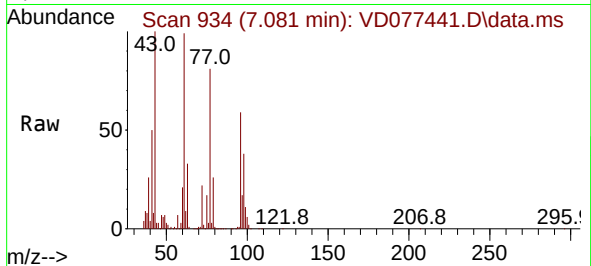
#25
2-Butanone
Concen: 515.272 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 82364
Ion Ratio Lower Upper
43 100
72 22.3 30.7 46.1

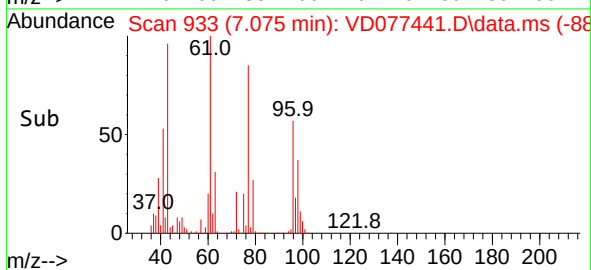
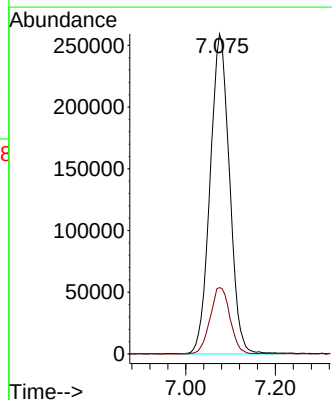
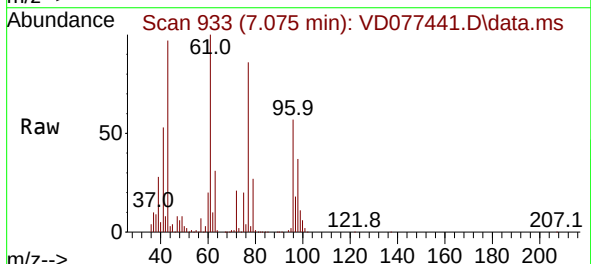
Manual Integrations
APPROVED

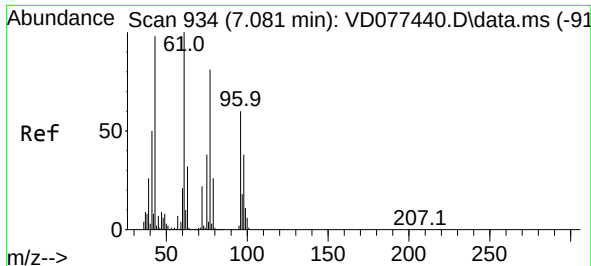
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 103.438 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 77 Resp: 780391
Ion Ratio Lower Upper
77 100
97 21.2 13.2 39.6





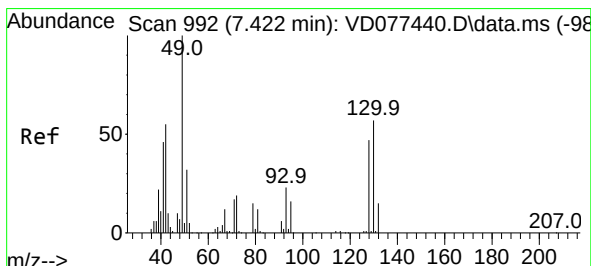
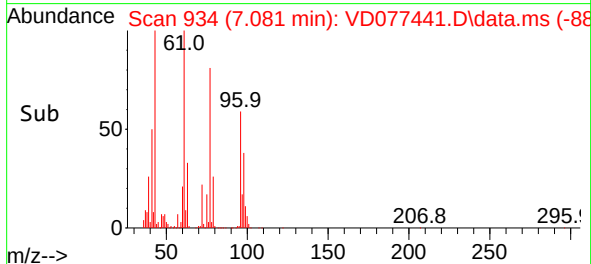
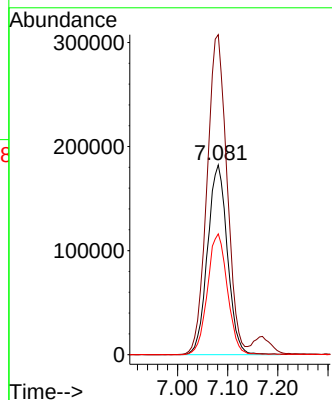
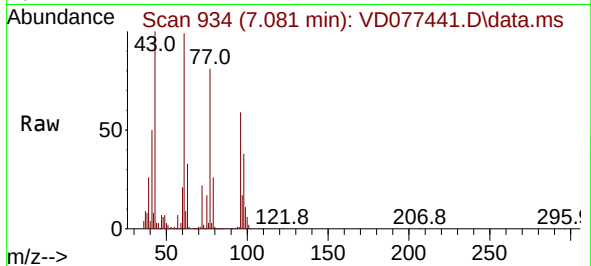
#27
 cis-1,2-Dichloroethene
 Concen: 108.793 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 50230
 Ion Ratio Lower Upper
 96 100
 61 169.6 0.0 239.2
 98 64.0 0.0 128.6

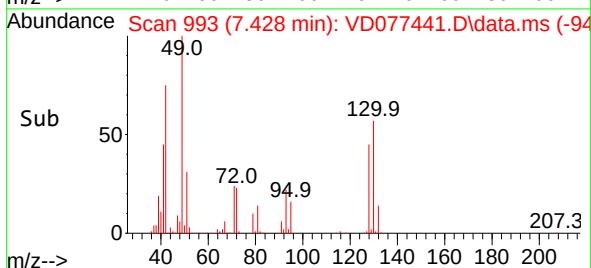
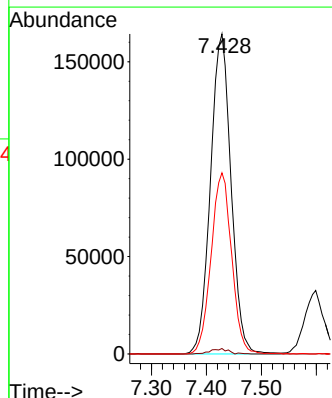
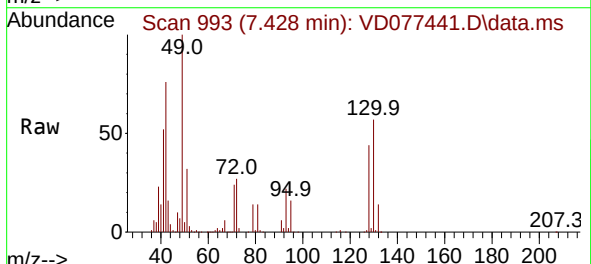
Manual Integrations
 APPROVED

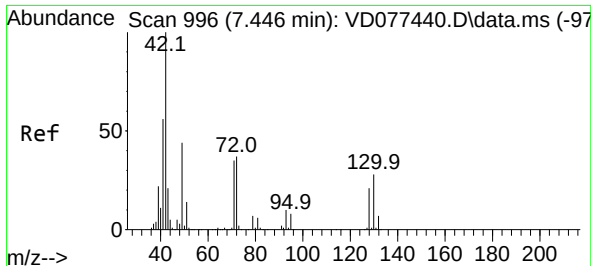
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 107.936 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Tgt Ion: 49 Resp: 426412
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 6.0
 130 56.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 535.852 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

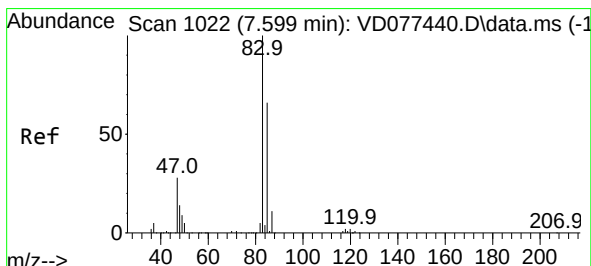
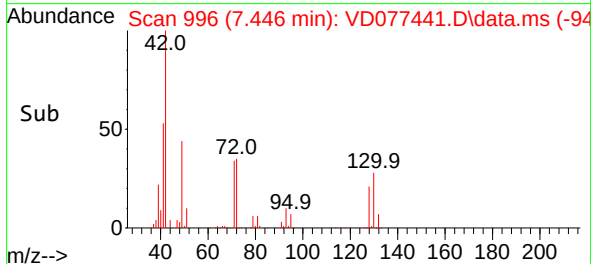
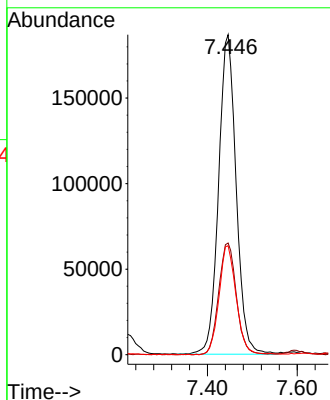
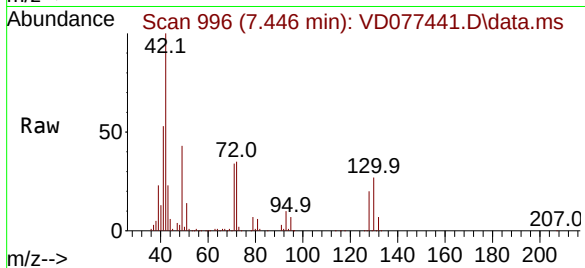
Tgt Ion:	42	Resp:	508000
Ion Ratio	Lower	Upper	
42	100		
72	35.3	46.5	69.7
71	33.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 105.916 ug/l

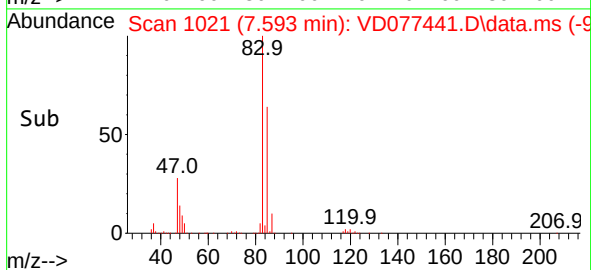
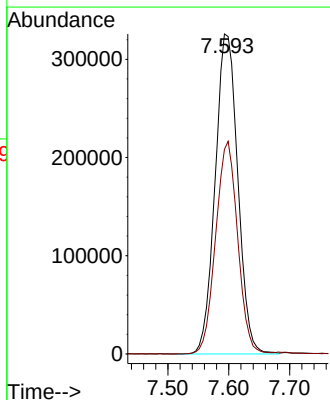
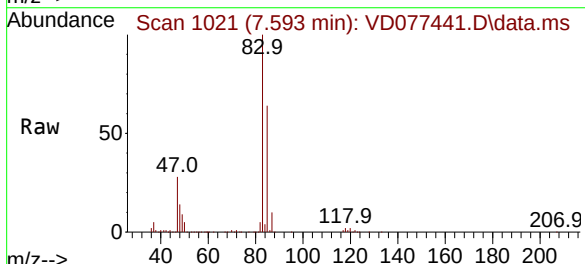
RT: 7.593 min Scan# 1021

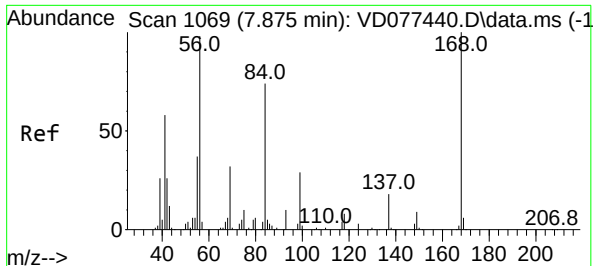
Delta R.T. -0.006 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

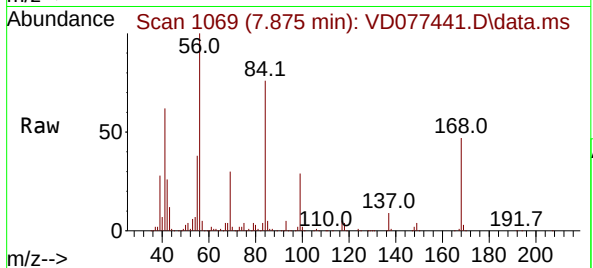
Tgt Ion:	83	Resp:	841912
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.4	80.2





#31
Cyclohexane
Concen: 109.759 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

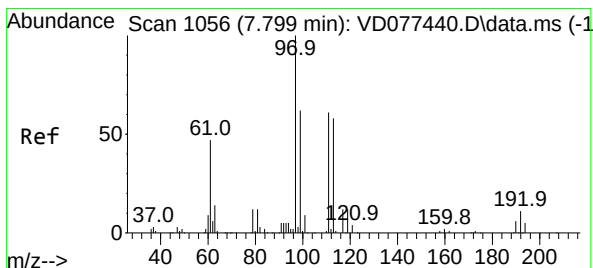
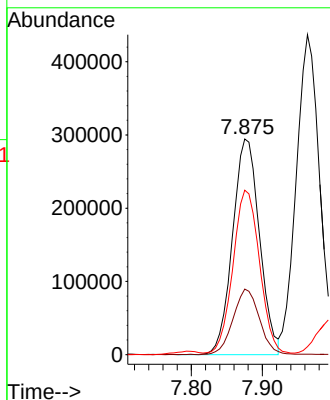
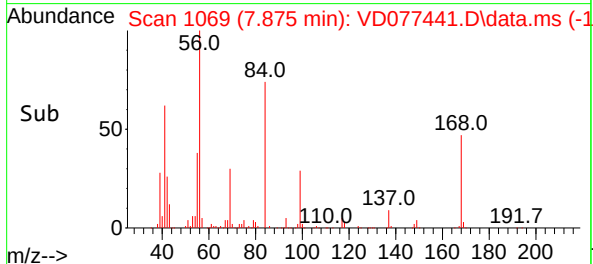
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 777058
Ion Ratio Lower Upper
56 100
69 30.3 28.6 43.0
84 75.1 84.8 127.2

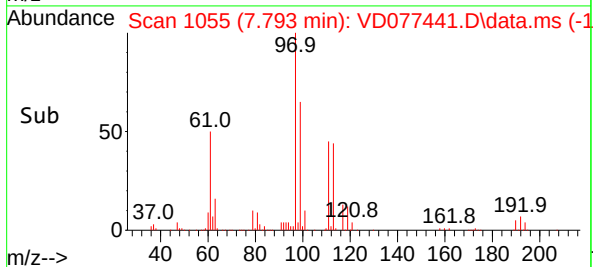
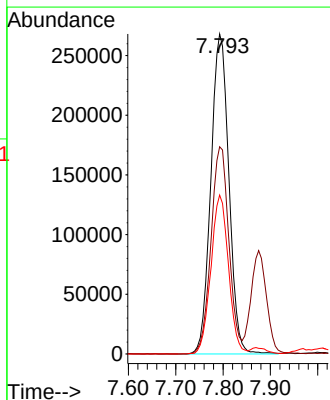
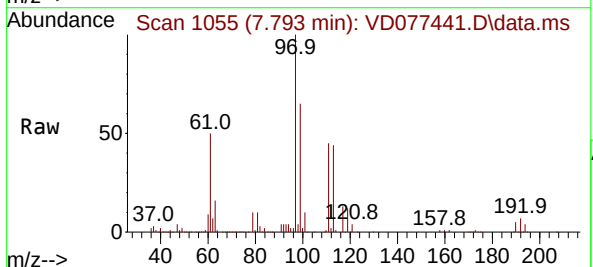
Manual Integrations
APPROVED

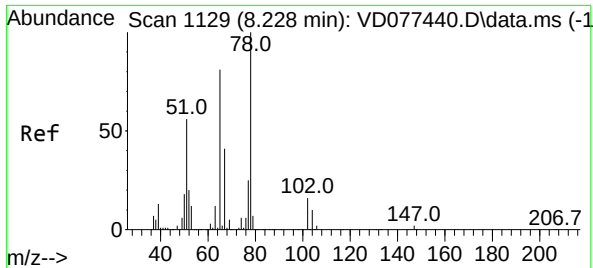
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 108.219 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 97 Resp: 708745
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 48.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 103.244 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 46757

Ion Ratio Lower Upper

65 100

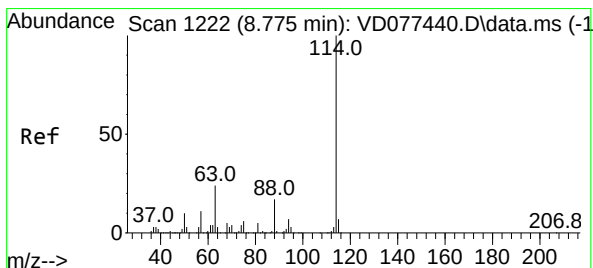
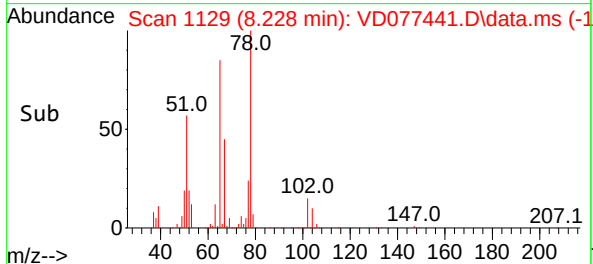
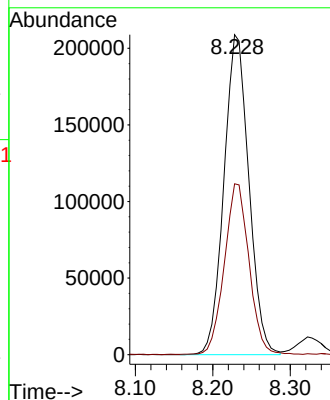
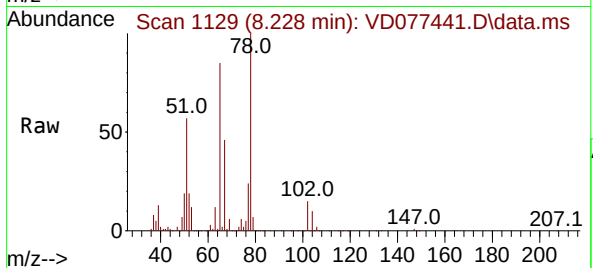
67 52.6 0.0 115.0

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: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

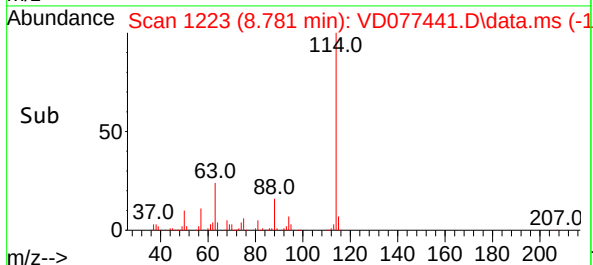
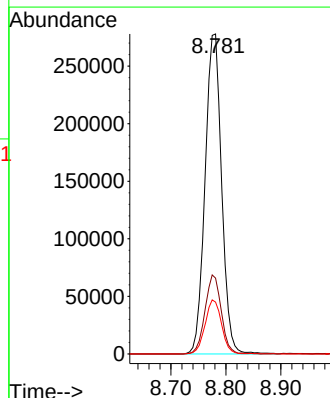
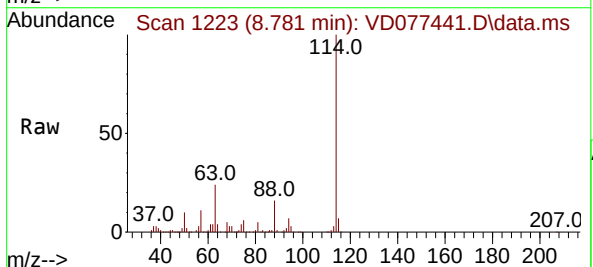
Tgt Ion:114 Resp: 581076

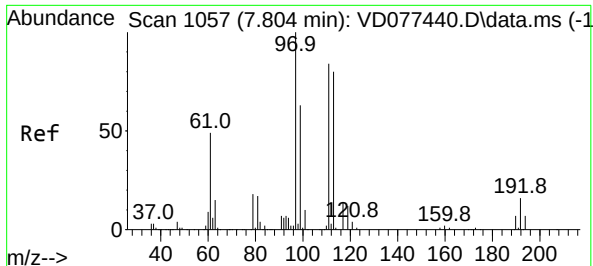
Ion Ratio Lower Upper

114 100

63 23.7 0.0 33.4

88 16.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 100.714 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

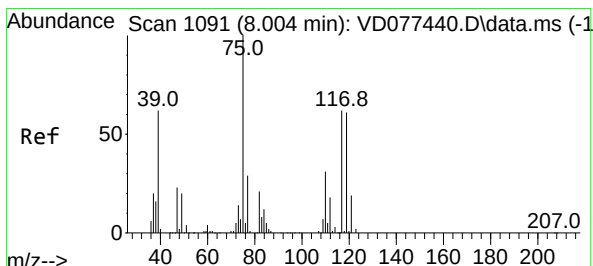
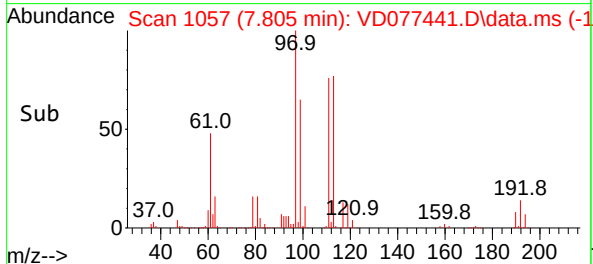
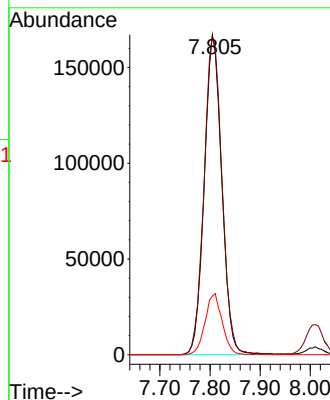
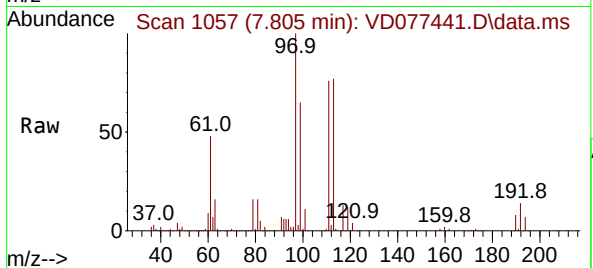
Tgt Ion:113 Resp: 404485
 Ion Ratio Lower Upper
 113 100
 111 102.6 84.7 127.1
 192 18.7 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 108.969 ug/l

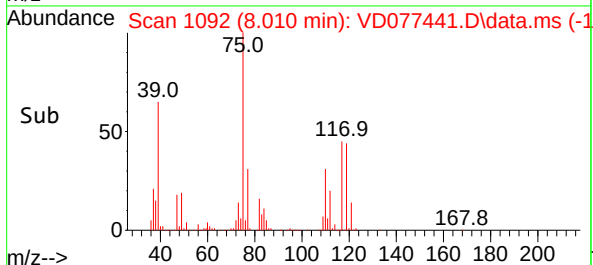
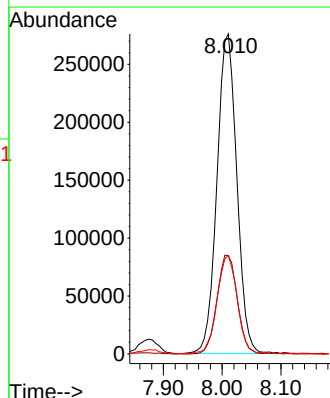
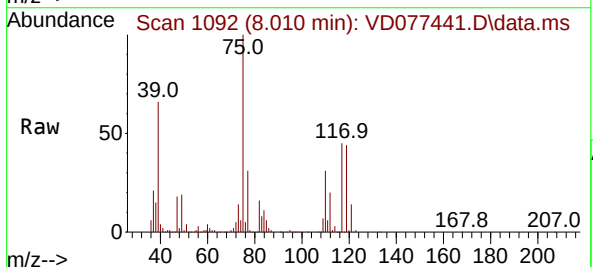
RT: 8.010 min Scan# 1092

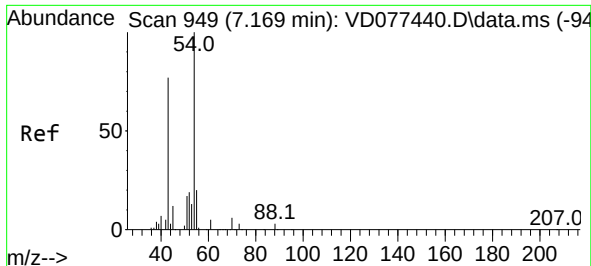
Delta R.T. 0.006 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

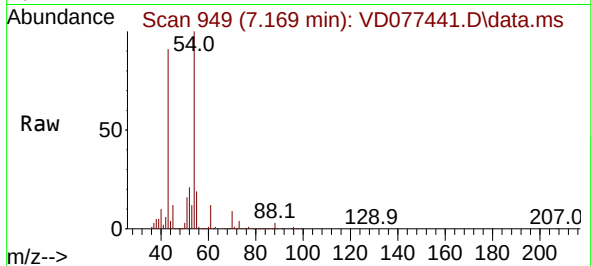
Tgt Ion: 75 Resp: 648871
 Ion Ratio Lower Upper
 75 100
 110 31.7 19.9 59.6
 77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 105.278 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

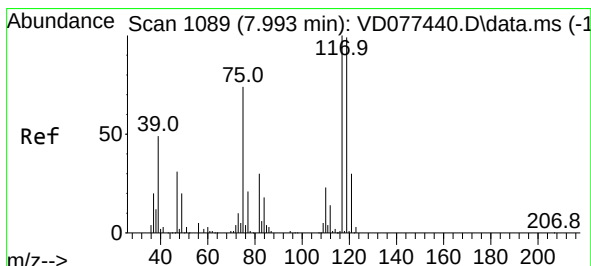
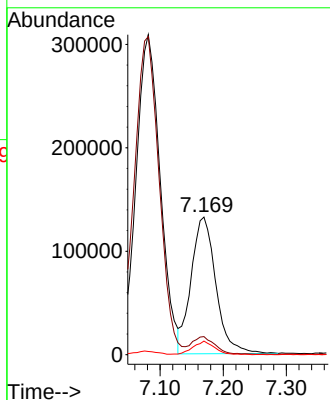
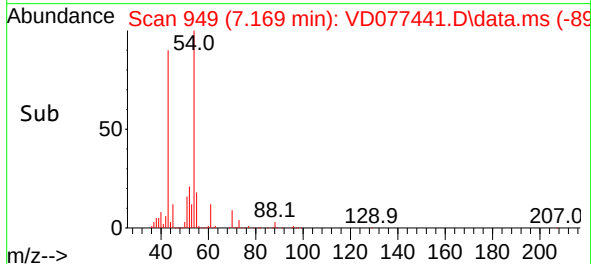
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 35976
Ion Ratio Lower Upper
43 100
61 11.8 14.9 22.3
70 8.8 10.0 15.0

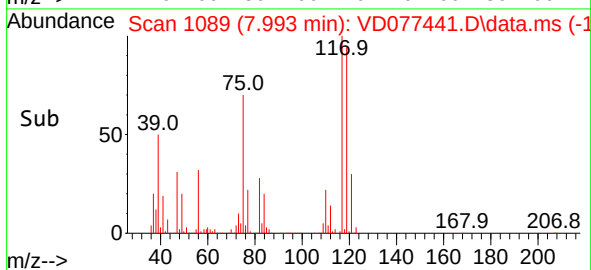
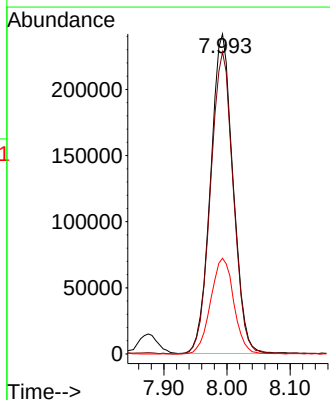
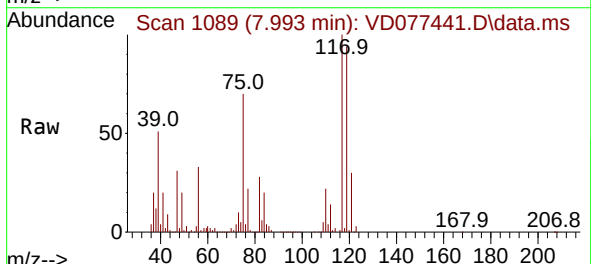
Manual Integrations
APPROVED

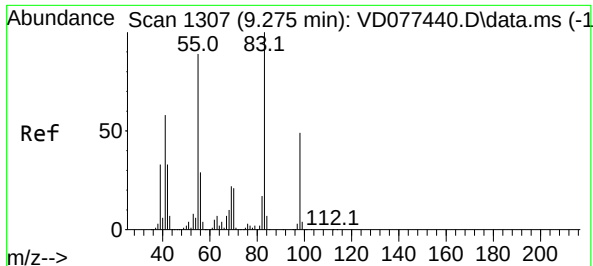
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 106.641 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion:117 Resp: 598382
Ion Ratio Lower Upper
117 100
119 94.4 78.0 117.0
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 111.382 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

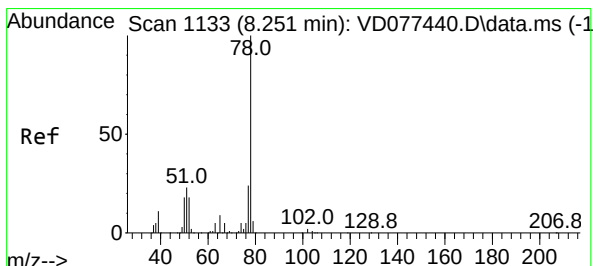
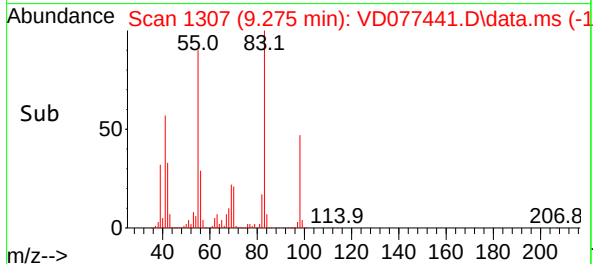
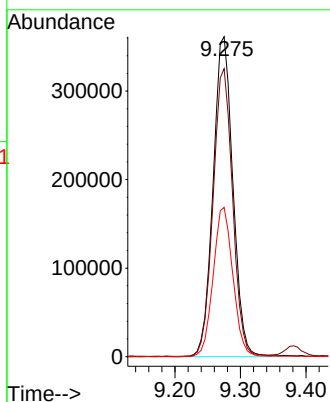
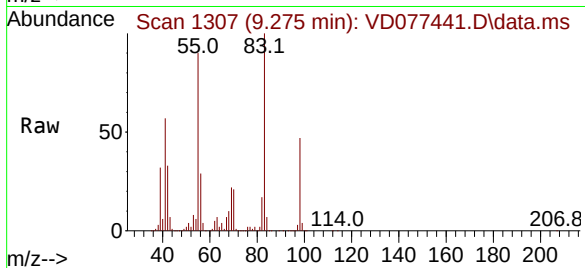
Tgt Ion: 83 Resp: 756749
 Ion Ratio Lower Upper
 83 100
 55 89.9 49.4 74.0
 98 46.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 107.305 ug/l

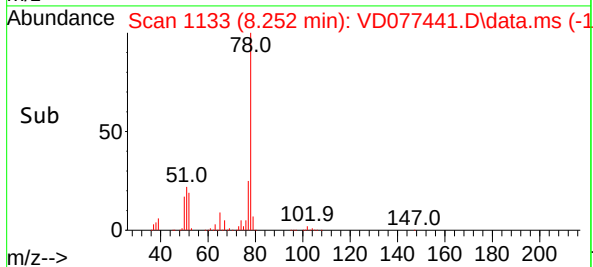
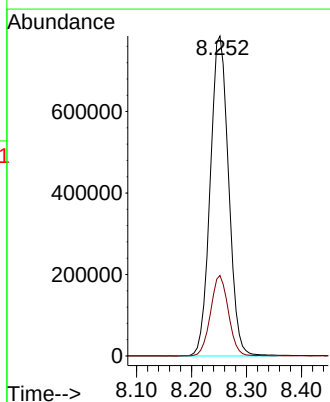
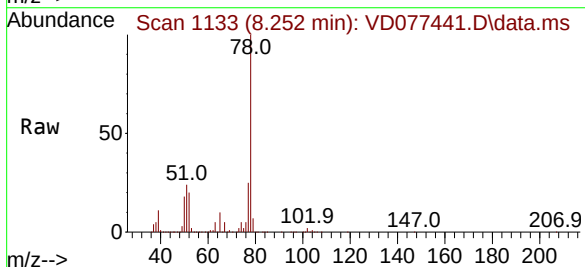
RT: 8.252 min Scan# 1133

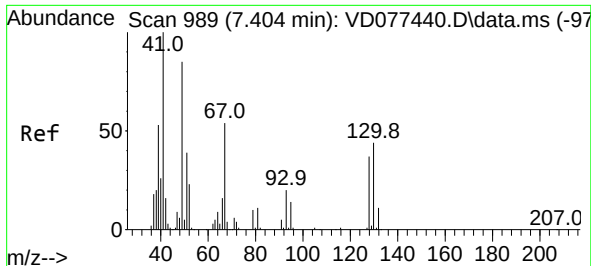
Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

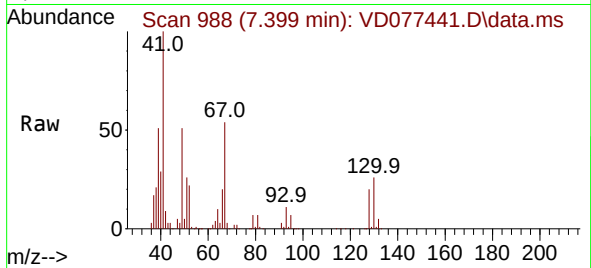
Tgt Ion: 78 Resp: 1822010
 Ion Ratio Lower Upper
 78 100
 77 25.1 19.4 29.0





#41
Methacrylonitrile
Concen: 100.016 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

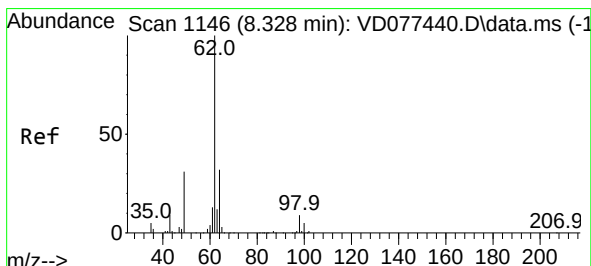
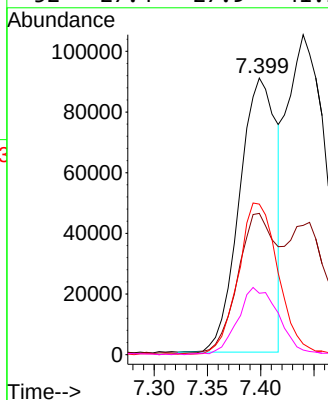
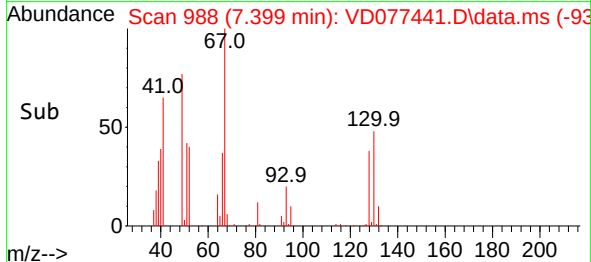
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 218692
Ion Ratio Lower Upper
41 100
39 51.6 34.0 51.0
67 59.5 77.0 115.4
52 27.4 27.9 41.9

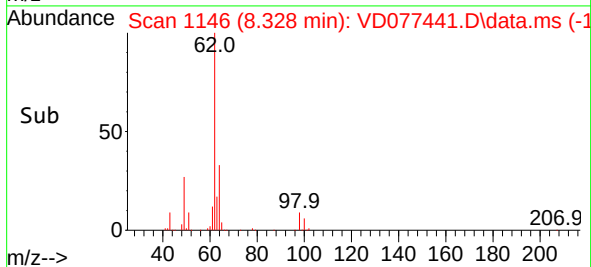
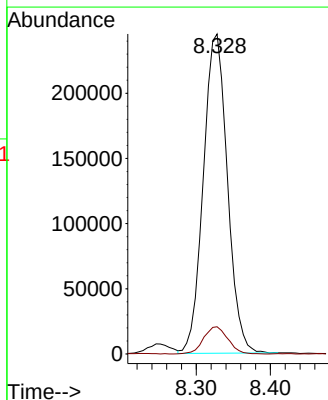
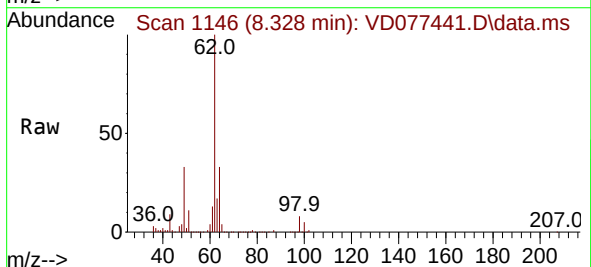
Manual Integrations
APPROVED

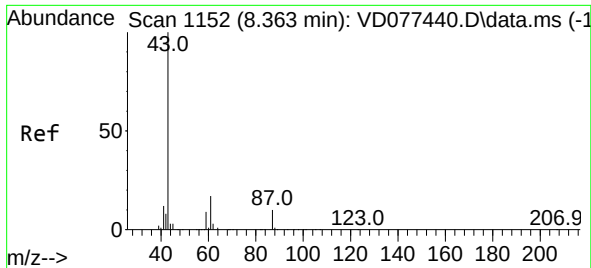
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 102.815 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 62 Resp: 552934
Ion Ratio Lower Upper
62 100
98 8.6 0.0 25.4





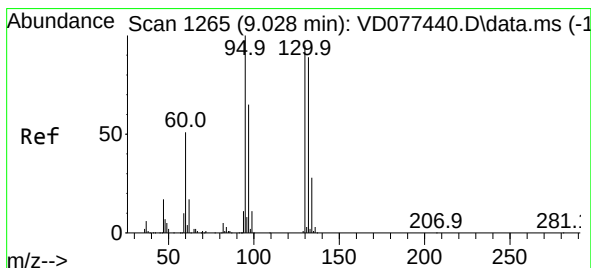
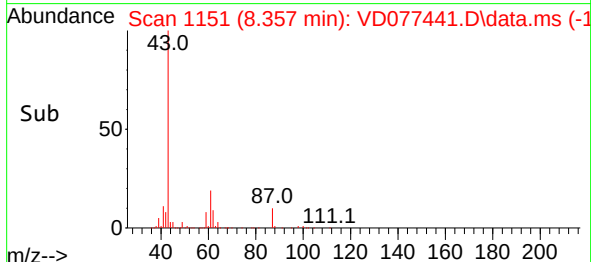
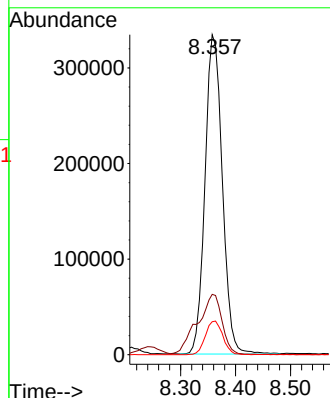
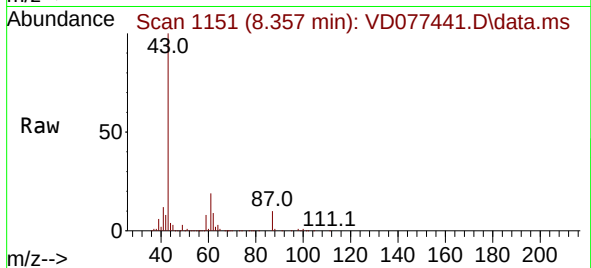
#43
Isopropyl Acetate
Concen: 103.997 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 73338
Ion Ratio Lower Upper
43 100
61 26.7 31.4 47.0
87 10.6 14.9 22.3

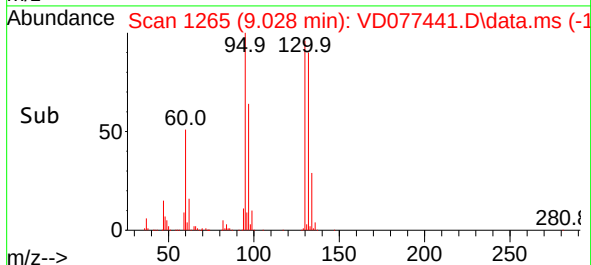
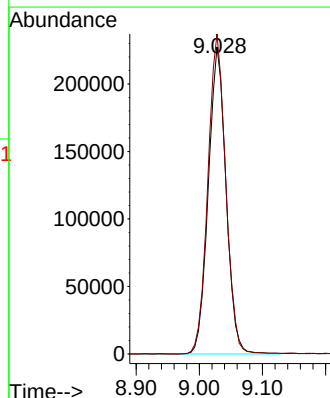
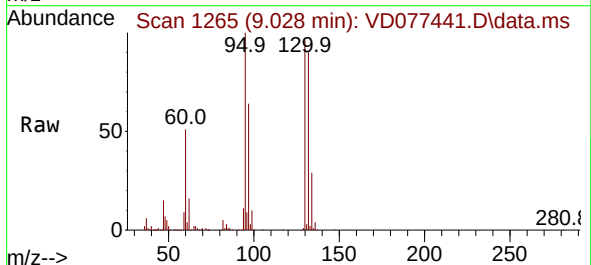
Manual Integrations
APPROVED

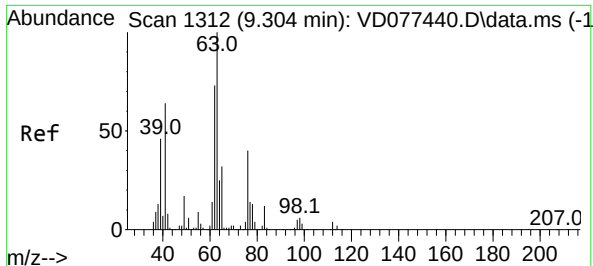
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#44
Trichloroethene
Concen: 106.541 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion:130 Resp: 443131
Ion Ratio Lower Upper
130 100
95 104.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 105.531 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 527539

Ion Ratio Lower Upper

63 100

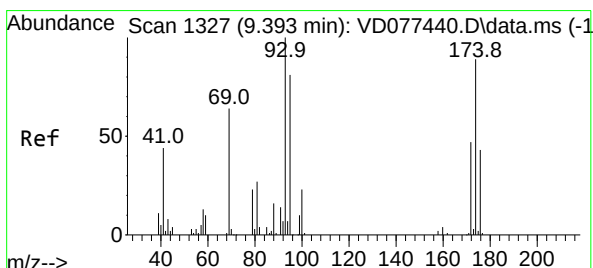
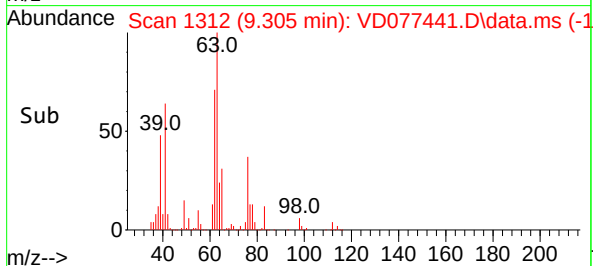
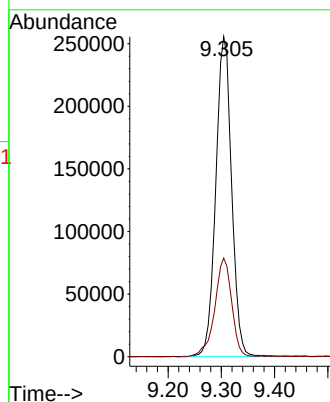
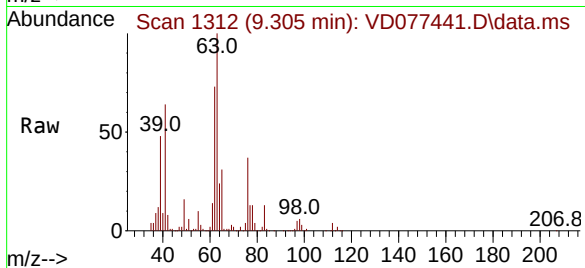
65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 102.301 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

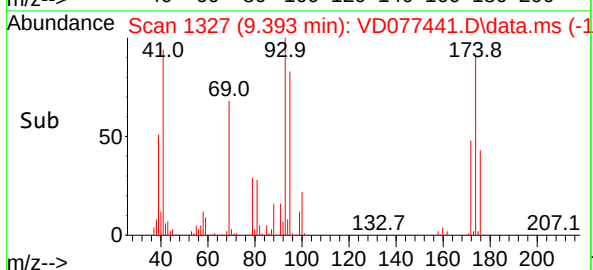
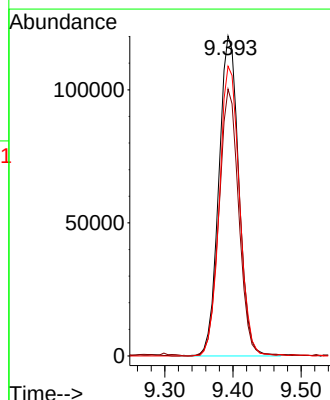
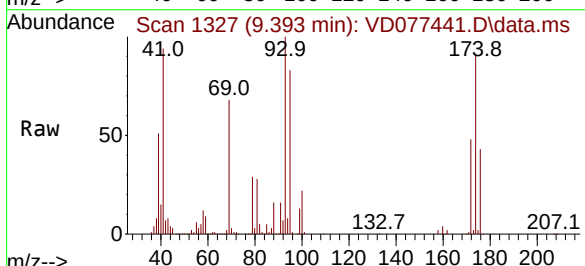
Tgt Ion: 93 Resp: 246105

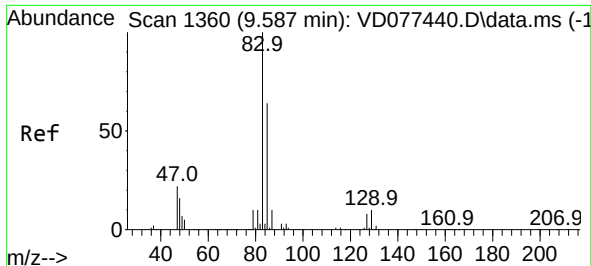
Ion Ratio Lower Upper

93 100

95 82.5 67.7 101.5

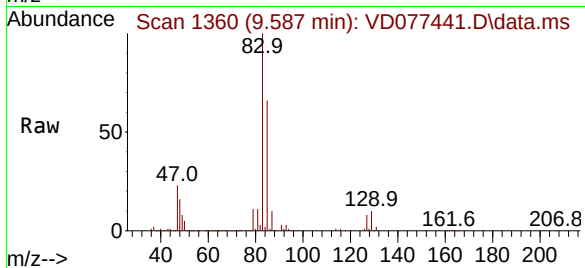
174 90.6 85.4 128.2





#47
Bromodichloromethane
Concen: 103.305 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

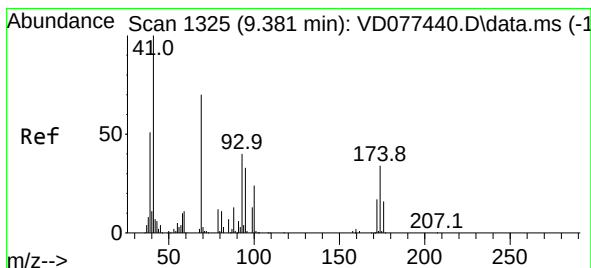
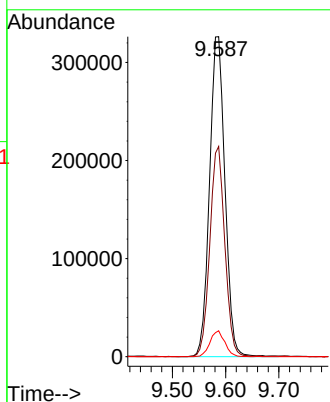
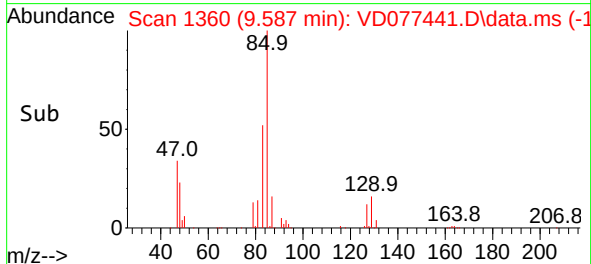
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 656875
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 8.1 6.3 9.5

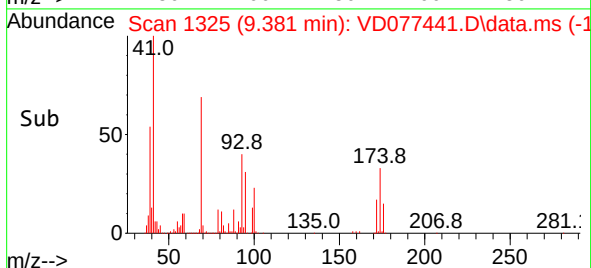
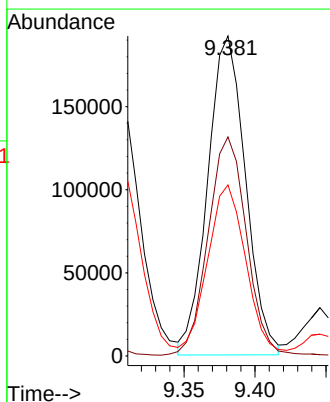
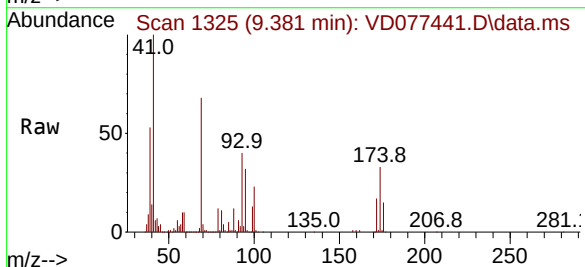
Manual Integrations
APPROVED

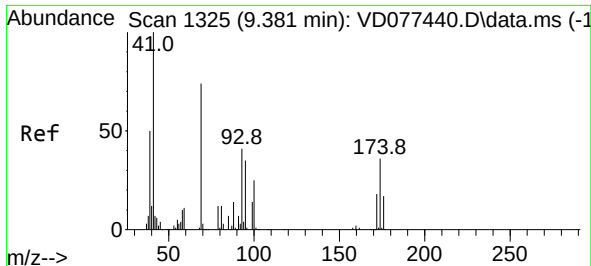
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 105.728 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 41 Resp: 355903
Ion Ratio Lower Upper
41 100
69 69.3 102.2 153.2#
39 50.7 41.4 62.2





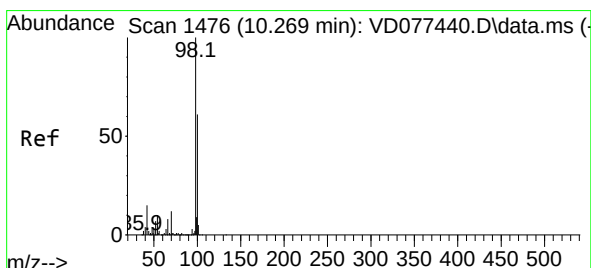
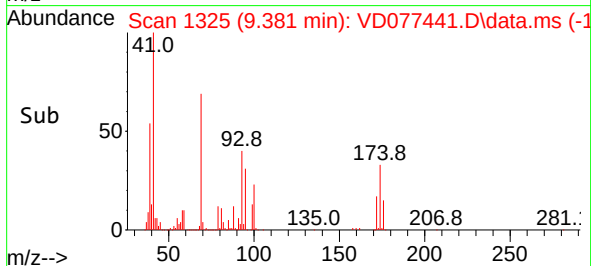
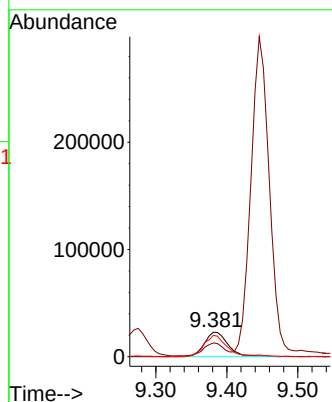
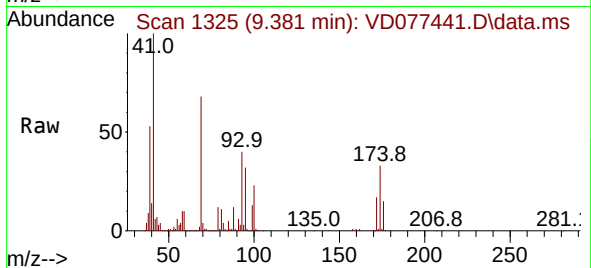
#49
1,4-Dioxane
Concen: 2040.347 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 52743
Ion Ratio Lower Upper
88 100
43 44.4 19.0 28.6
58 81.5 43.5 65.3

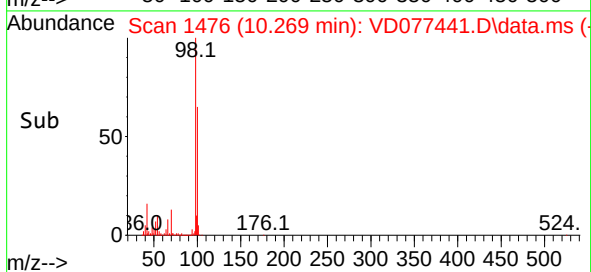
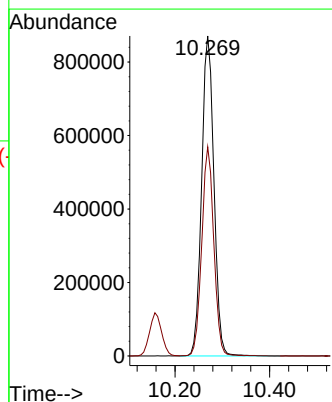
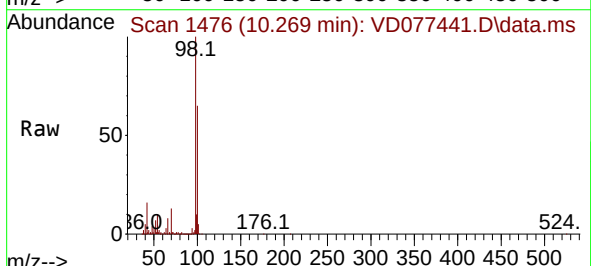
Manual Integrations
APPROVED

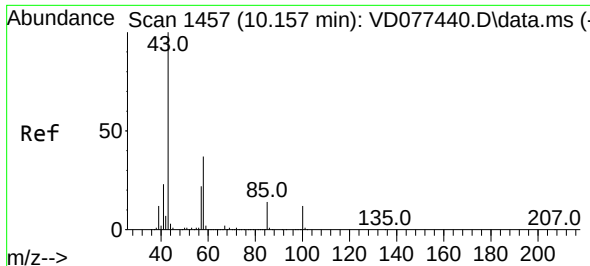
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 100.577 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 98 Resp: 1568991
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5





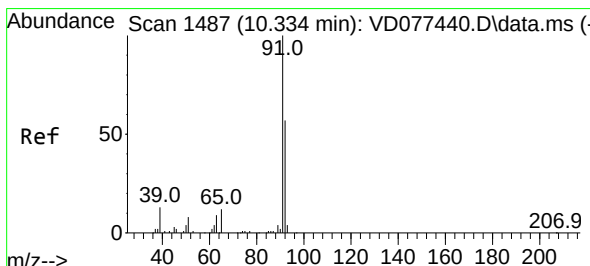
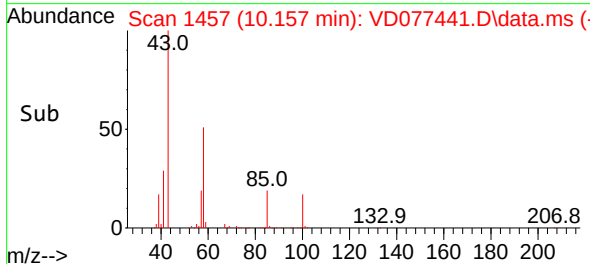
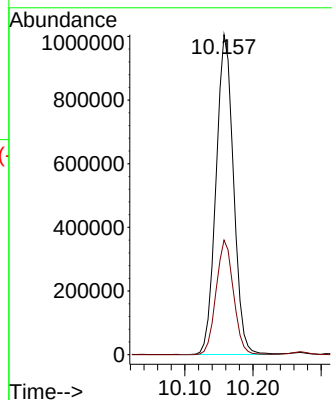
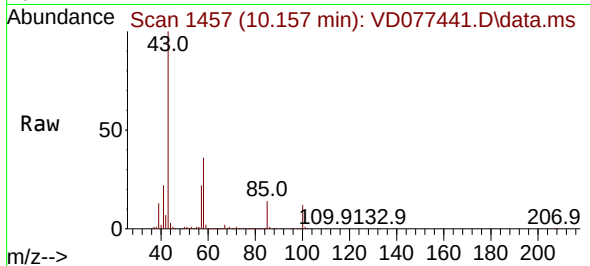
#51
4-Methyl-2-Pentanone
Concen: 517.036 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 179468
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3

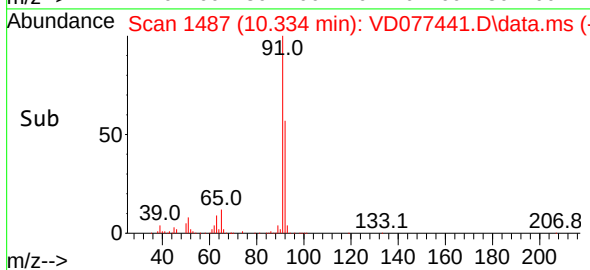
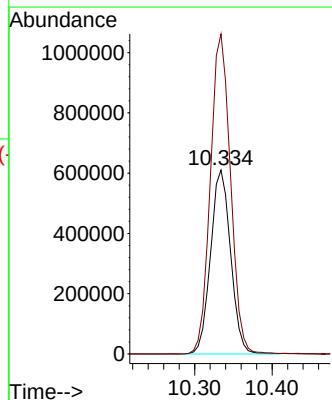
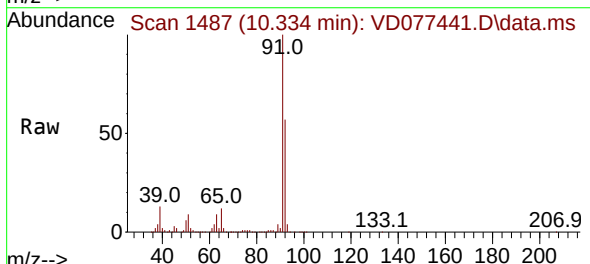
Manual Integrations
APPROVED

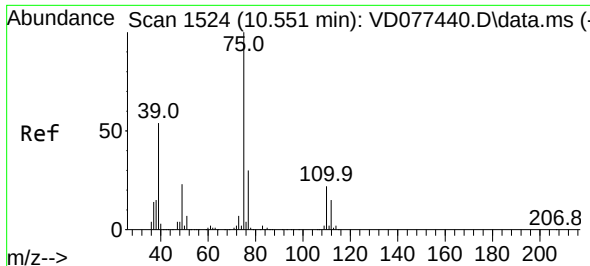
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 105.678 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

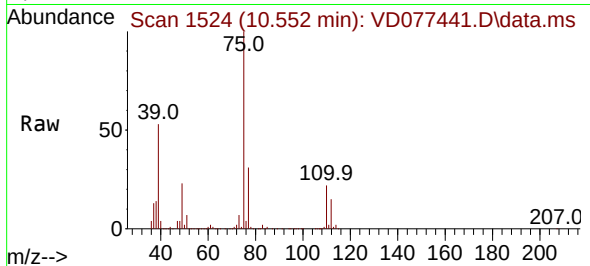
Tgt Ion: 92 Resp: 1093895
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 104.368 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

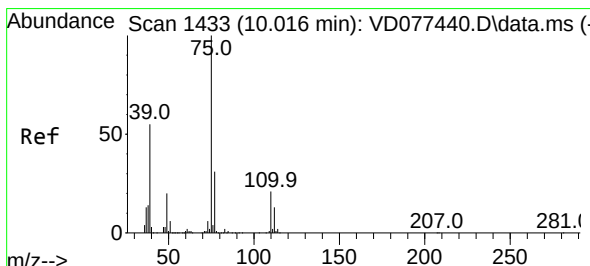
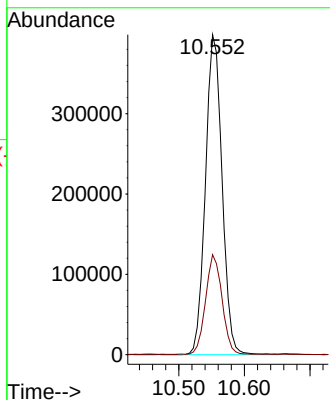
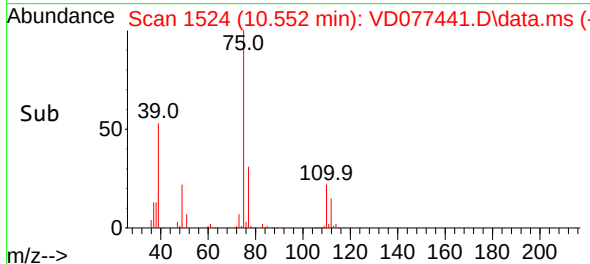
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



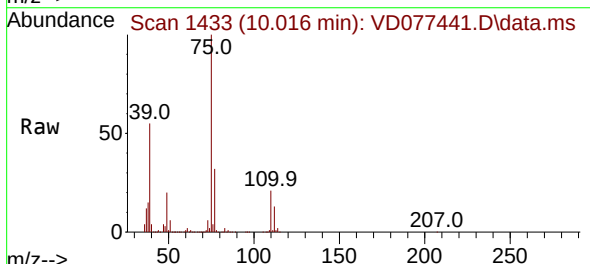
Tgt Ion: 75 Resp: 702715
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

Manual Integrations
APPROVED

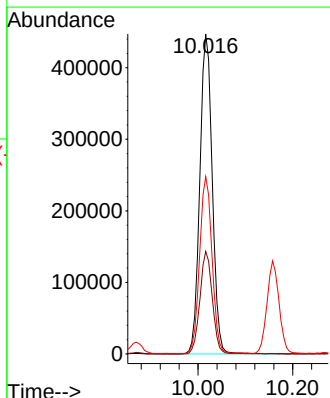
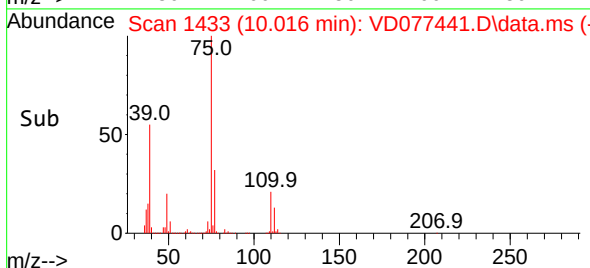
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

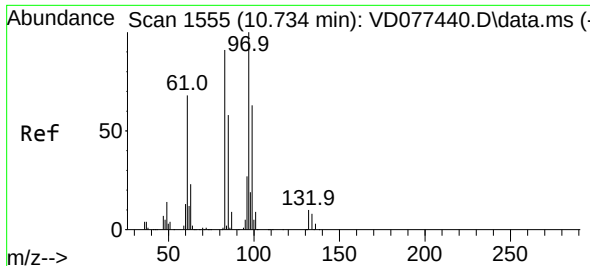


#54
cis-1,3-Dichloropropene
Concen: 105.046 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



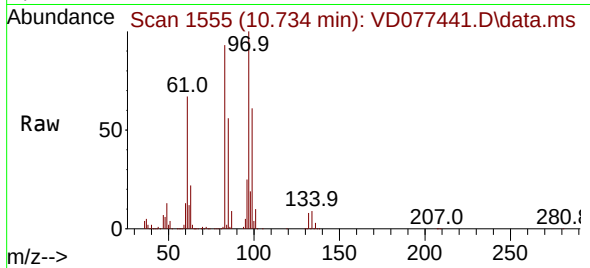
Tgt Ion: 75 Resp: 813913
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 55.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 102.555 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

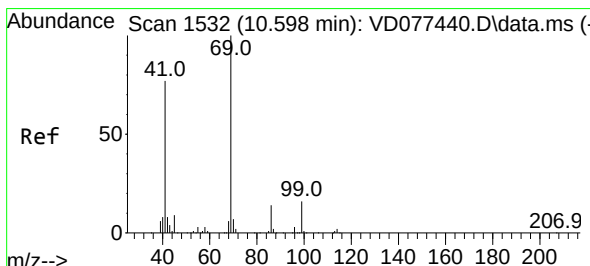
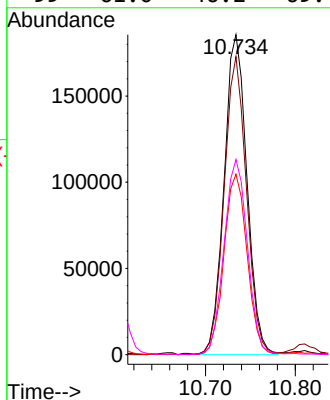
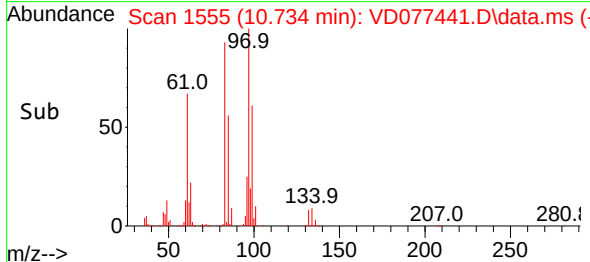


Tgt Ion: 97 Resp: 329162

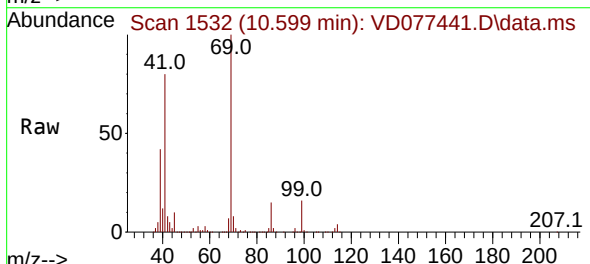
Ion	Ratio	Lower	Upper
97	100		
83	93.1	65.8	98.6
85	56.3	45.7	68.5
99	61.0	46.2	69.4

Manual Integrations
APPROVED

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

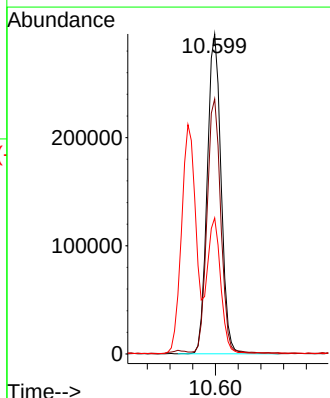
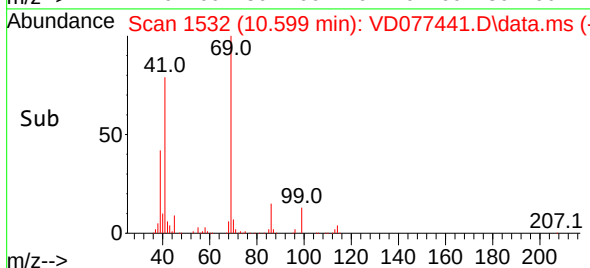


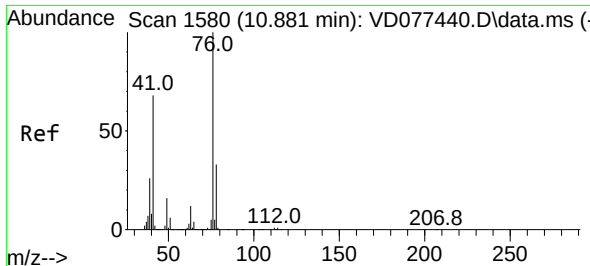
#56
Ethyl methacrylate
Concen: 104.277 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



Tgt Ion: 69 Resp: 497624

Ion	Ratio	Lower	Upper
69	100		
41	78.6	39.1	58.7#
39	41.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 103.375 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 62016

Ion Ratio Lower Upper

76 100

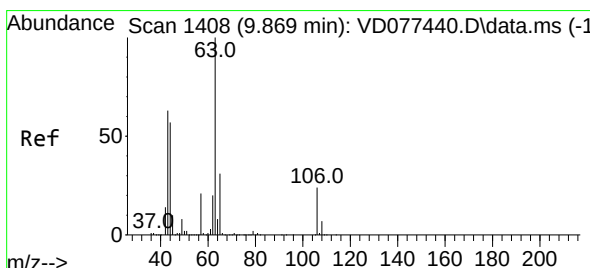
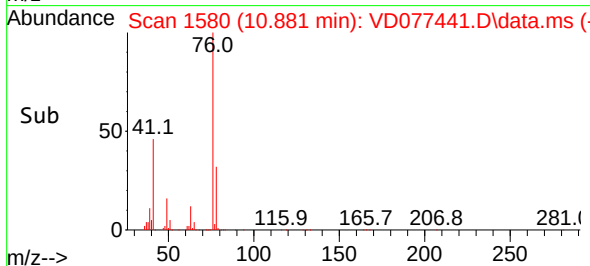
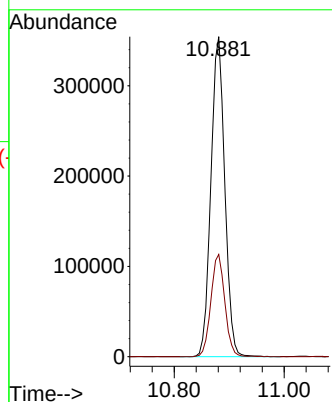
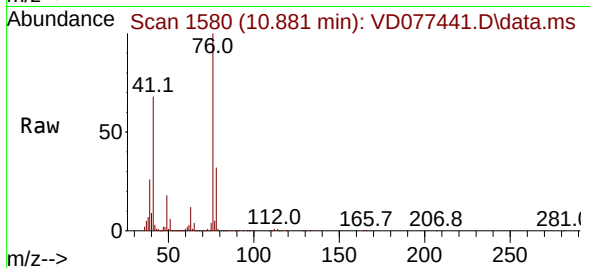
78 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 548.598 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077441.D

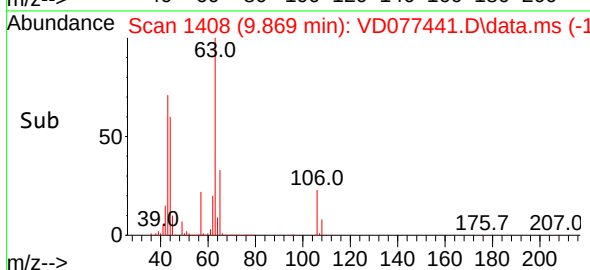
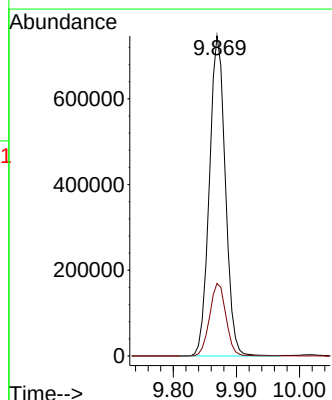
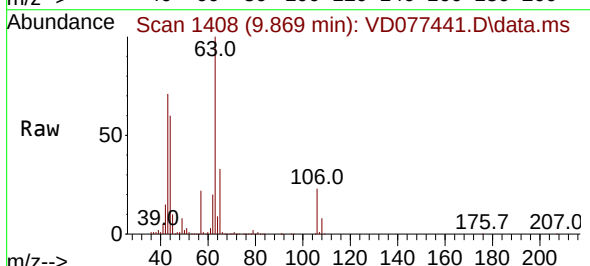
Acq: 30 Oct 2023 11:35

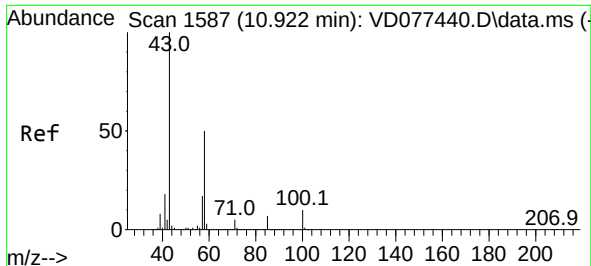
Tgt Ion: 63 Resp: 1310640

Ion Ratio Lower Upper

63 100

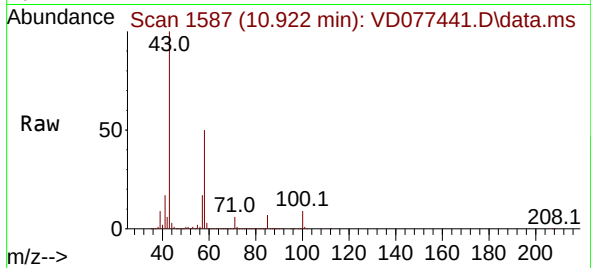
106 23.1 25.3 37.9





#59
2-Hexanone
Concen: 509.776 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

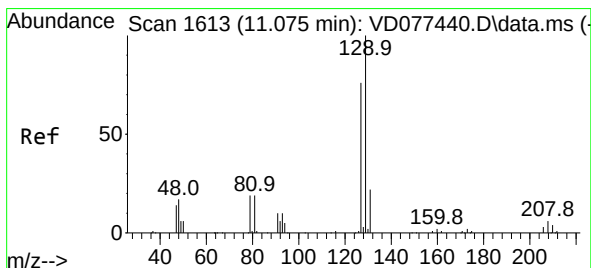
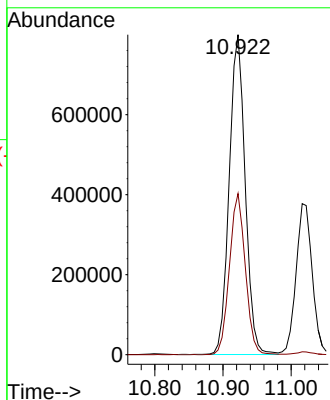
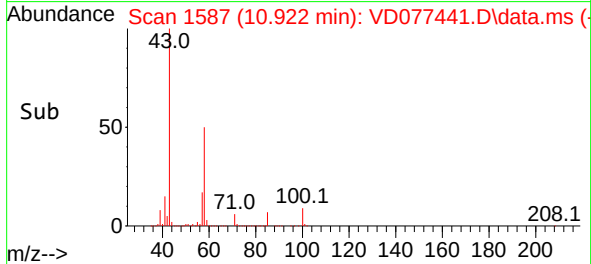
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1303519
Ion Ratio Lower Upper
43 100
58 50.1 34.1 102.2

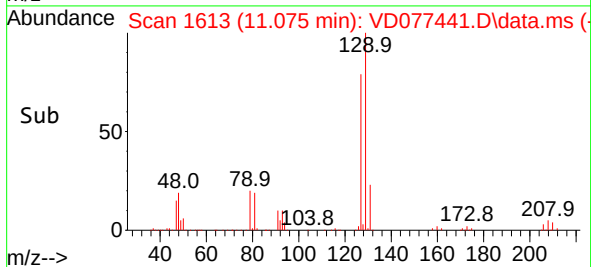
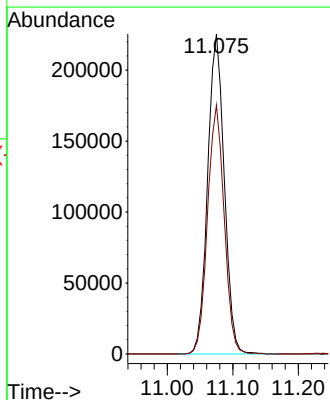
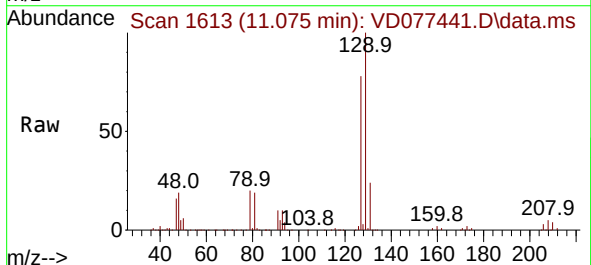
Manual Integrations
APPROVED

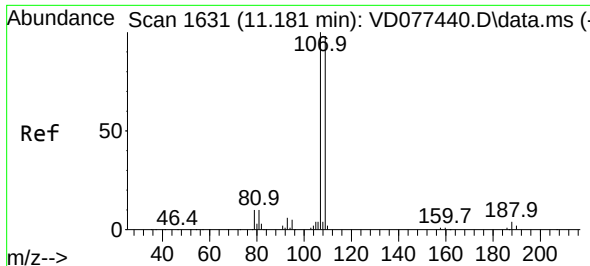
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 102.799 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

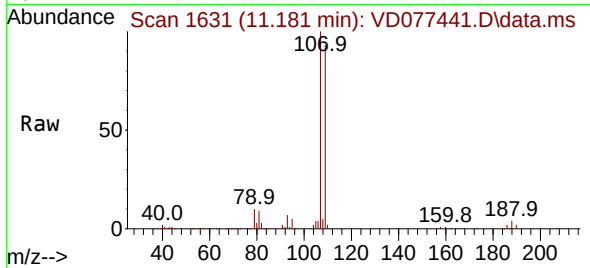
Tgt Ion:129 Resp: 396746
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 103.343 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

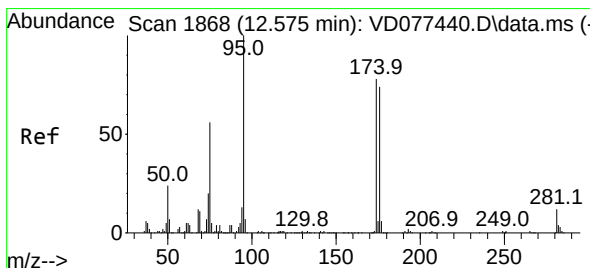
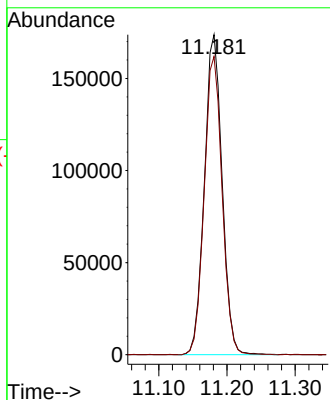
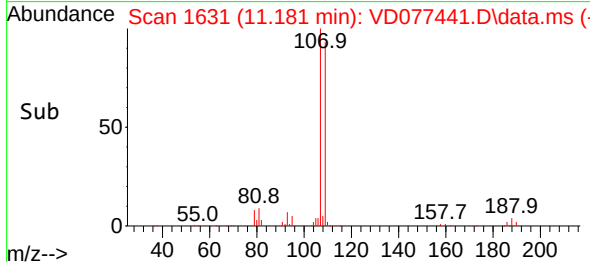
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 314112
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

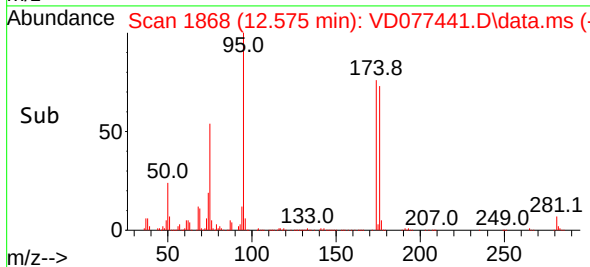
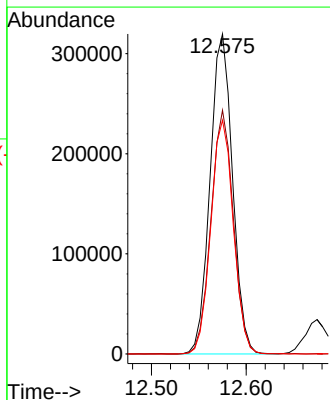
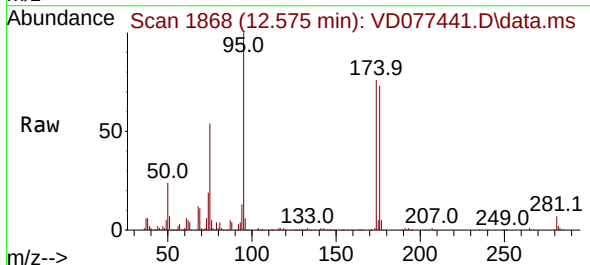
Manual Integrations
APPROVED

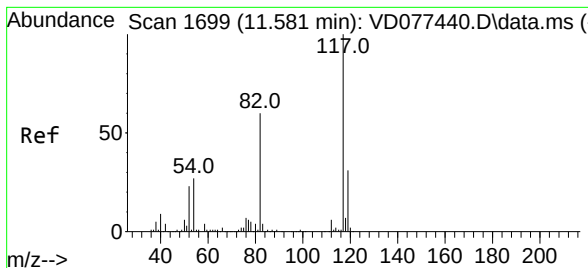
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 100.146 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

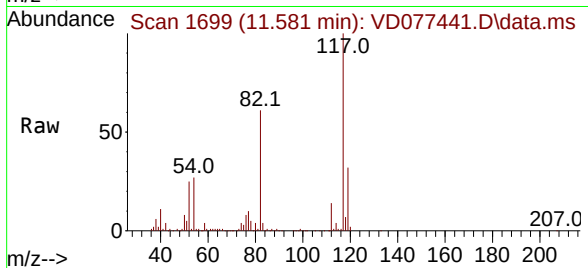
Tgt Ion: 95 Resp: 526179
Ion Ratio Lower Upper
95 100
174 75.8 0.0 201.8
176 73.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

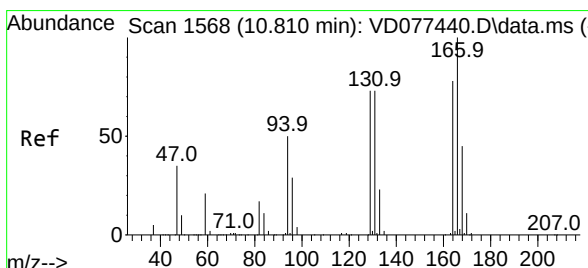
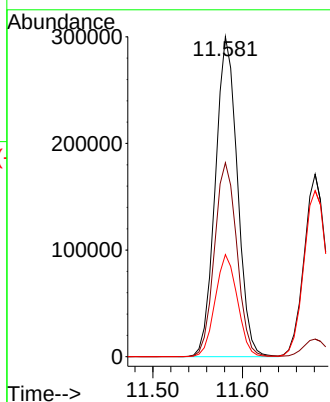
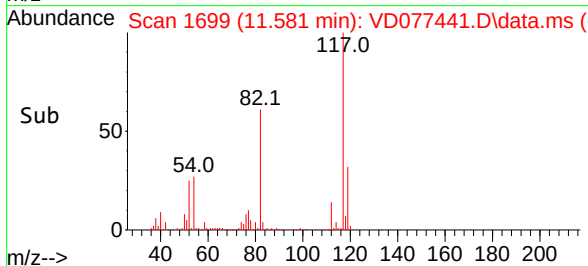
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 513308
Ion Ratio Lower Upper
117 100
82 60.6 38.3 57.5
119 31.9 25.0 37.4

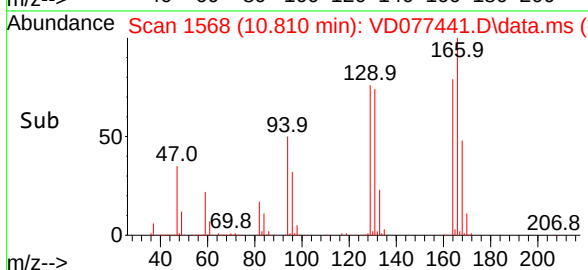
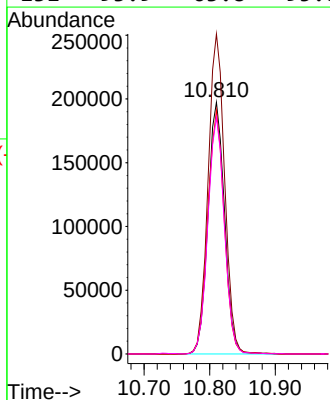
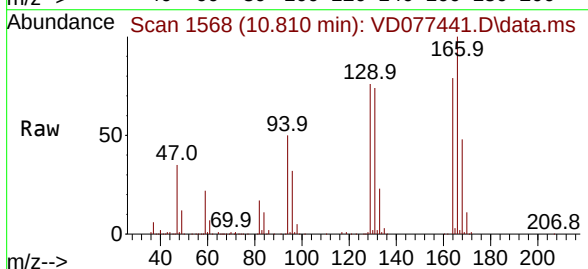
Manual Integrations
APPROVED

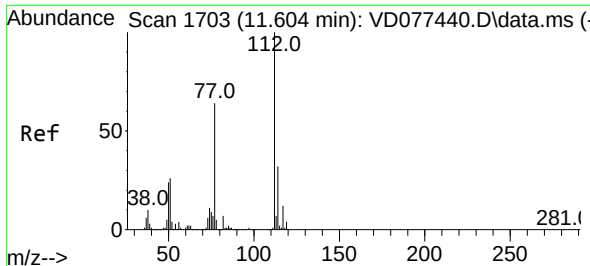
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 105.961 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

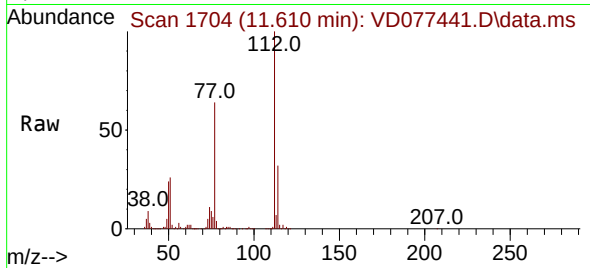
Tgt Ion:164 Resp: 346286
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 96.9 68.4 102.6
131 93.9 63.8 95.8





#65
Chlorobenzene
Concen: 104.569 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

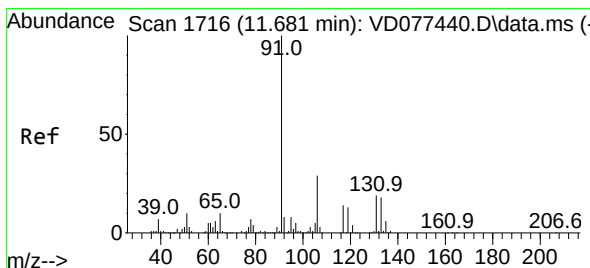
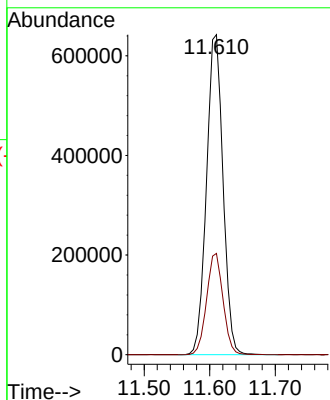
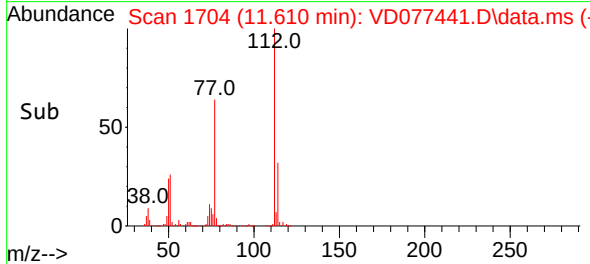
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



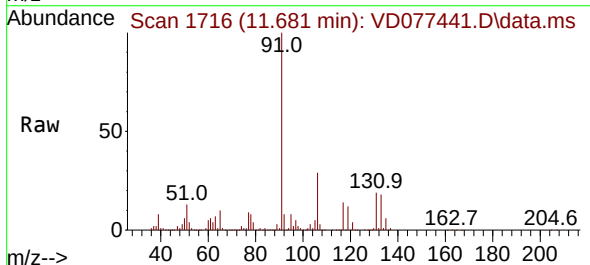
Tgt Ion:112 Resp: 112451
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

Manual Integrations
APPROVED

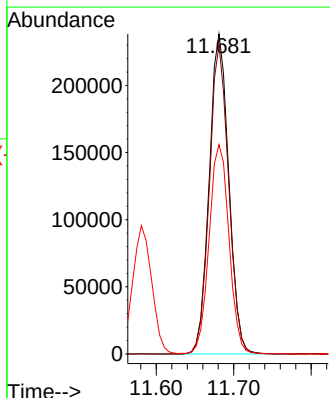
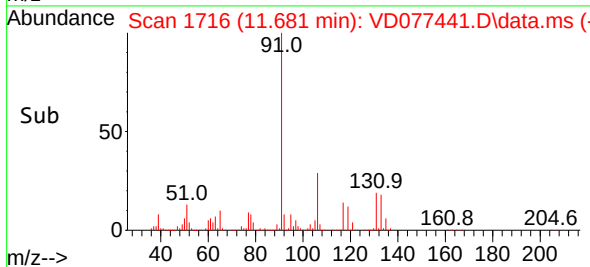
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

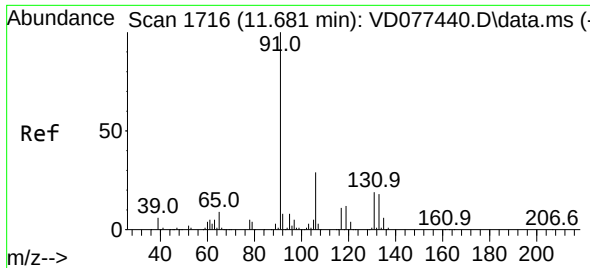


#66
1,1,1,2-Tetrachloroethane
Concen: 102.675 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



Tgt Ion:131 Resp: 417248
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 66.7 35.6 106.9





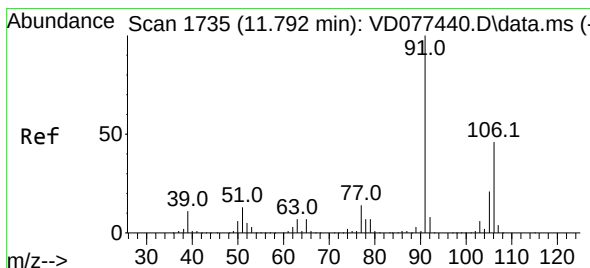
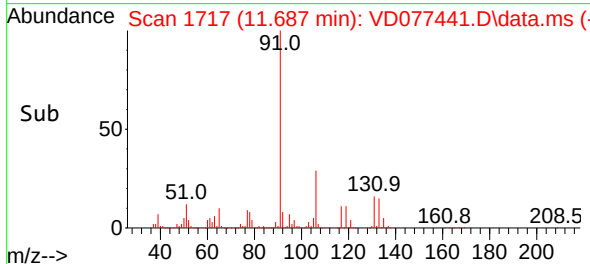
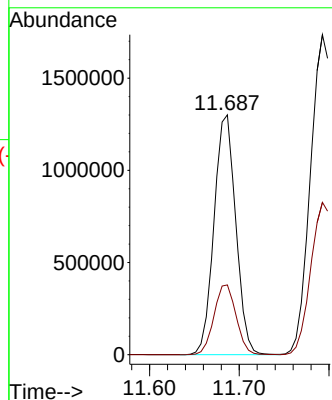
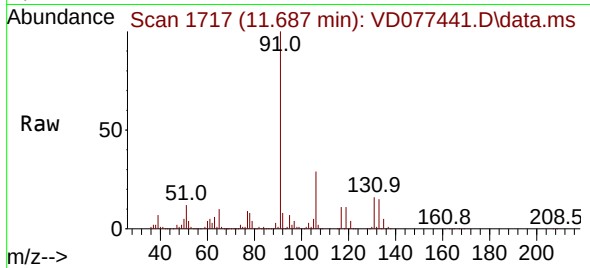
#67
Ethyl Benzene
Concen: 105.864 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 219047
Ion Ratio Lower Upper
91 100
106 29.1 26.5 39.7

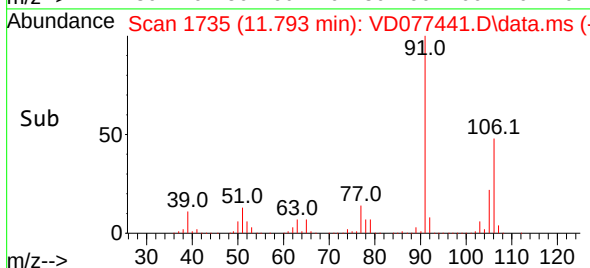
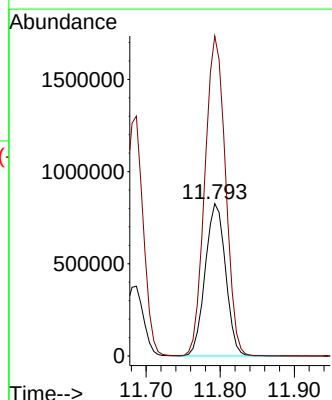
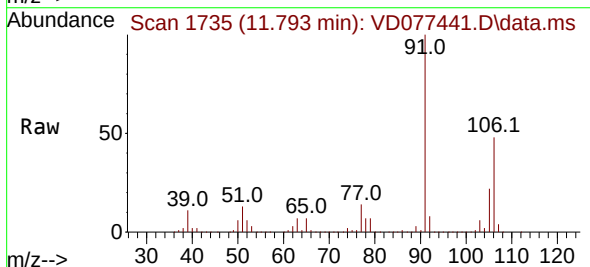
Manual Integrations
APPROVED

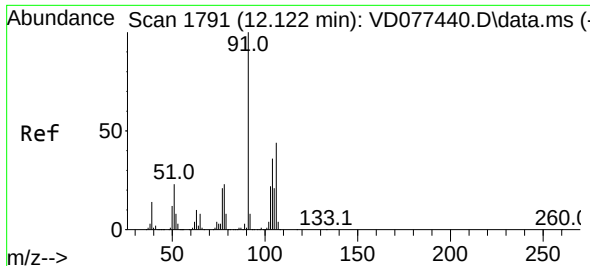
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 211.767 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion:106 Resp: 1582284
Ion Ratio Lower Upper
106 100
91 212.2 147.0 220.6





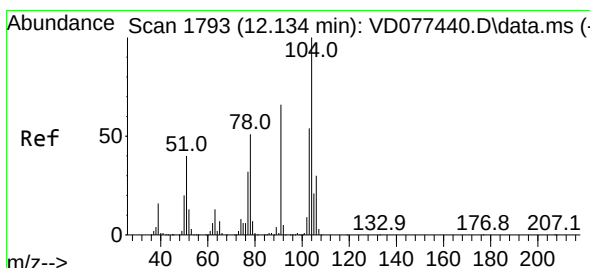
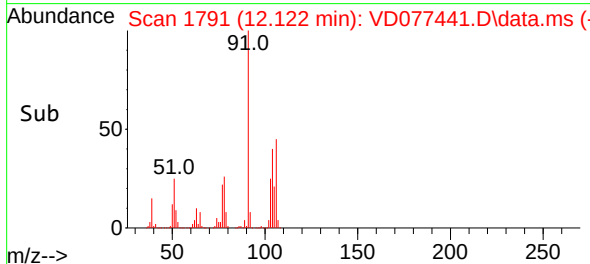
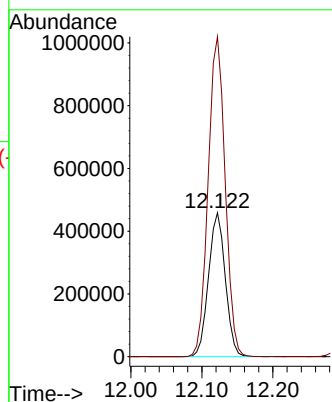
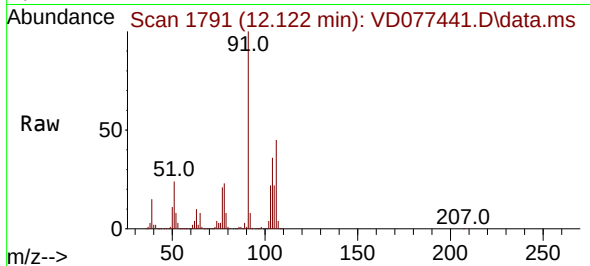
#69
o-Xylene
Concen: 105.426 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 754527
Ion Ratio Lower Upper
106 100
91 225.4 97.9 293.6

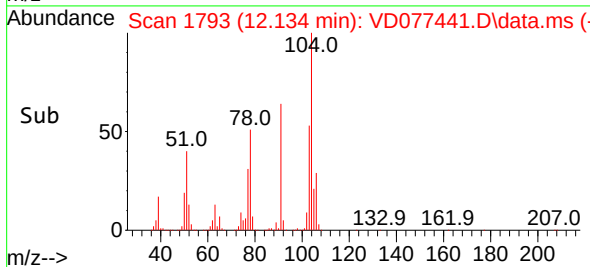
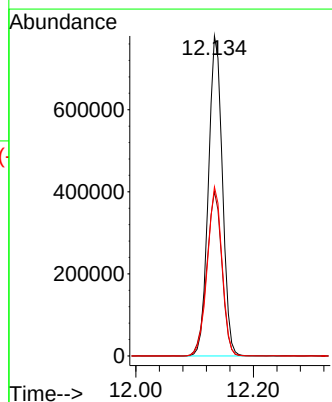
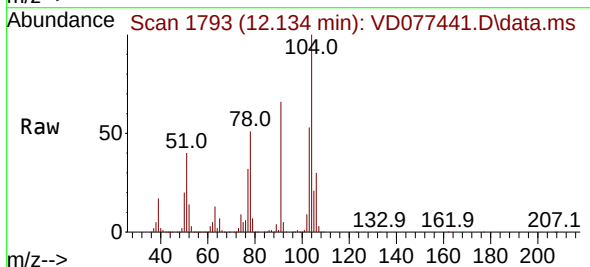
Manual Integrations
APPROVED

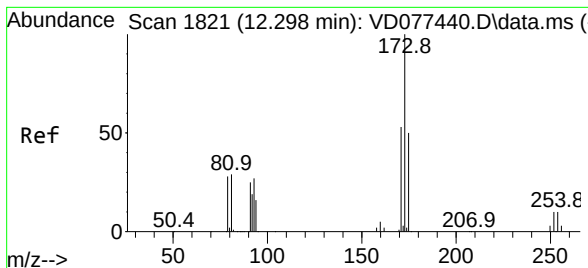
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 104.237 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion:104 Resp: 1286979
Ion Ratio Lower Upper
104 100
78 55.3 33.2 49.8#
103 55.6 43.6 65.4





#71

Bromoform

Concen: 100.564 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 22656

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

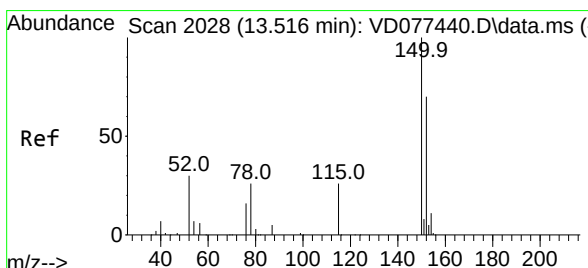
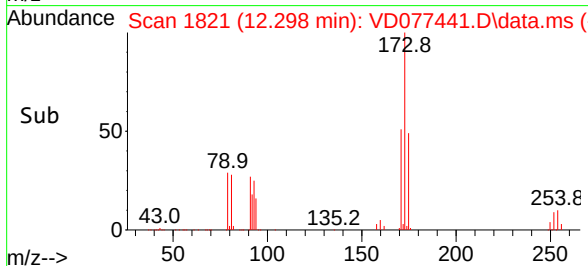
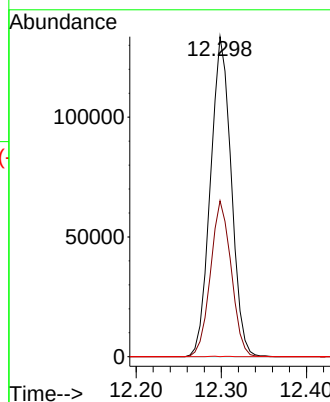
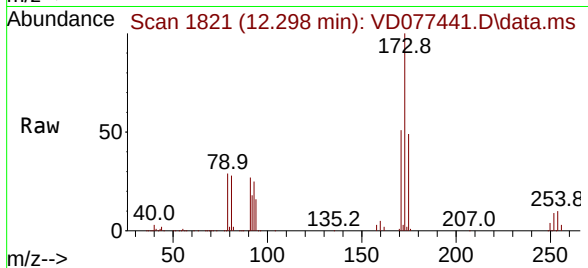
254 0.1 0.0 0.0

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: VD077441.D

Acq: 30 Oct 2023 11:35

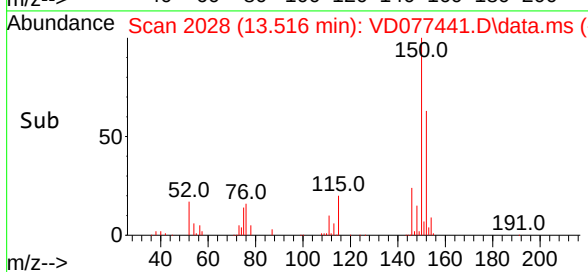
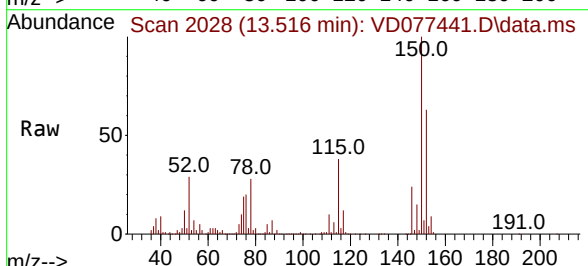
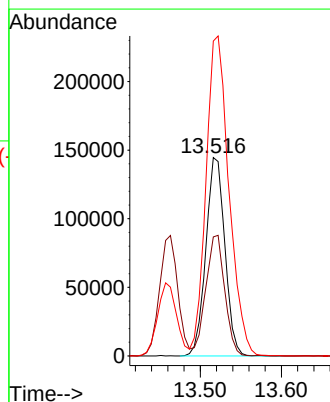
Tgt Ion:152 Resp: 235047

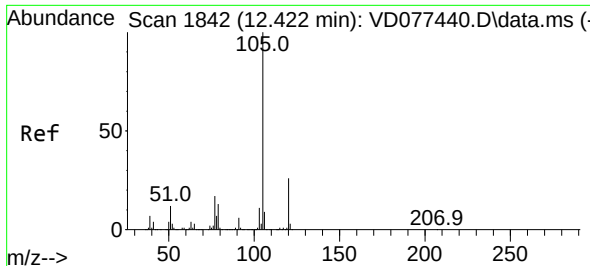
Ion Ratio Lower Upper

152 100

115 60.7 27.1 81.3

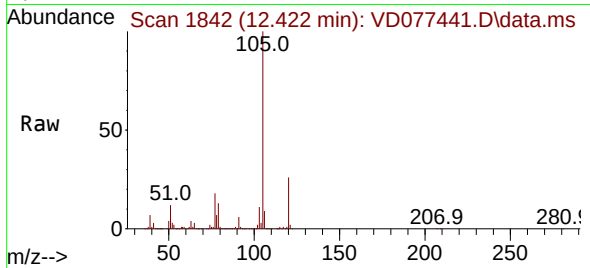
150 194.8 0.0 353.6





#73
Isopropylbenzene
Concen: 104.551 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

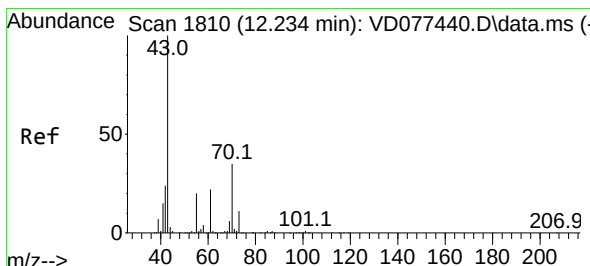
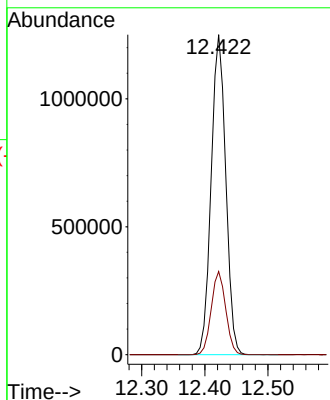
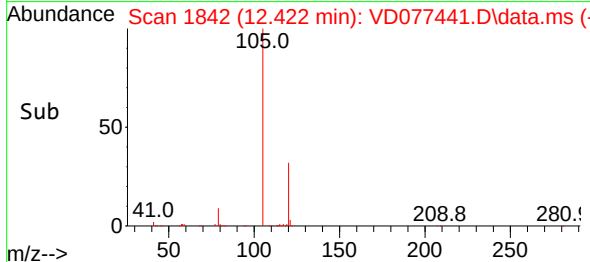
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



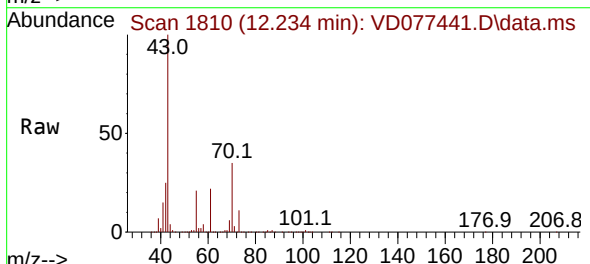
Tgt Ion:105 Resp: 200357
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

Manual Integrations
APPROVED

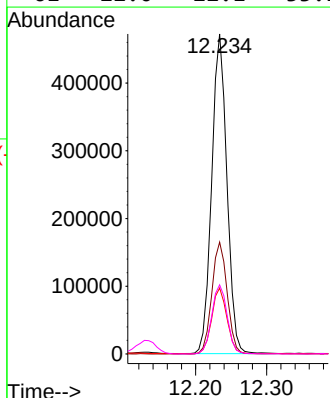
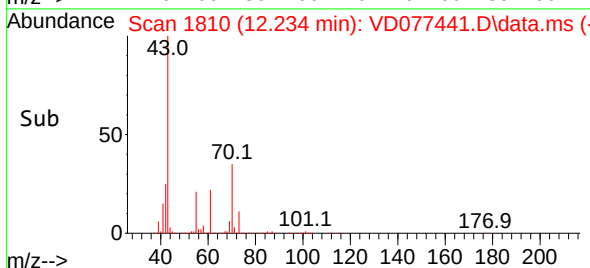
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

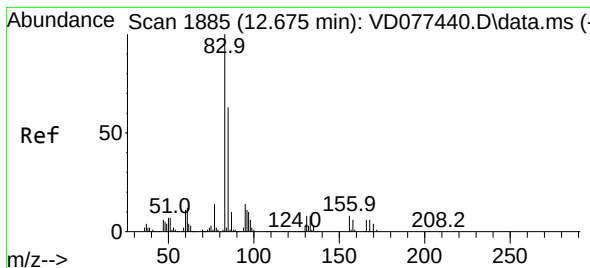


#74
N-ethyl acetate
Concen: 103.529 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



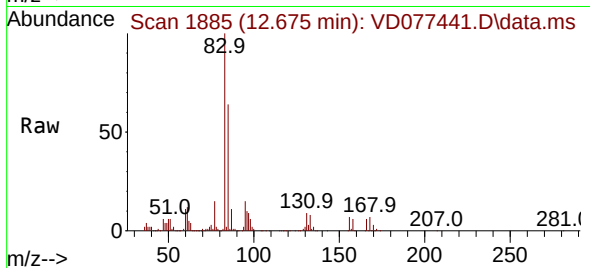
Tgt Ion: 43 Resp: 702739
Ion Ratio Lower Upper
43 100
70 35.2 45.0 67.4#
55 20.6 23.8 35.6#
61 22.0 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 101.975 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

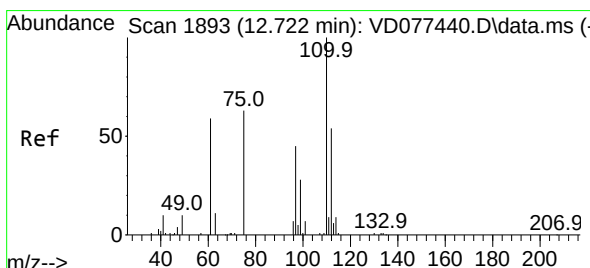
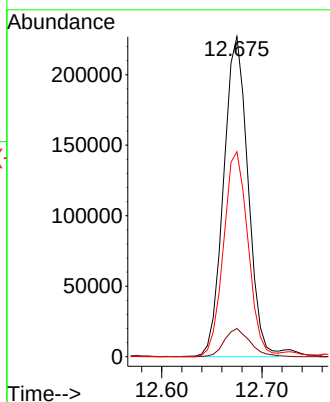
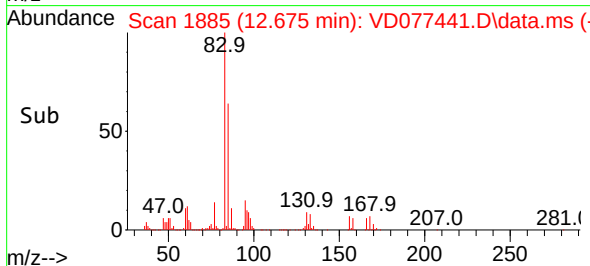
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



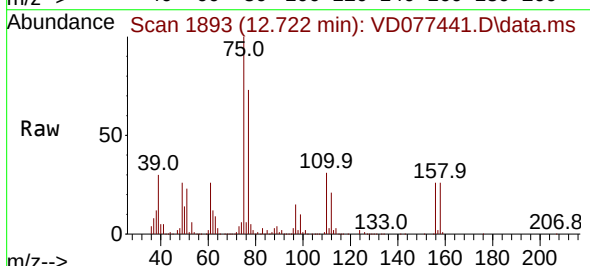
Tgt Ion: 83 Resp: 383070
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 64.4 32.6 97.8

Manual Integrations
APPROVED

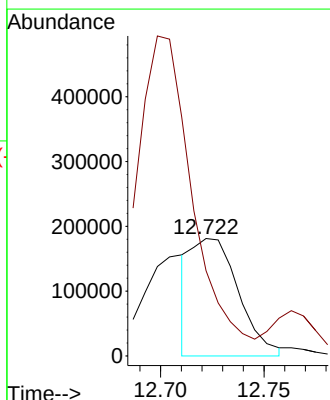
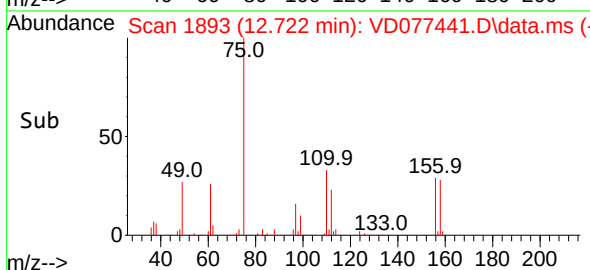
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

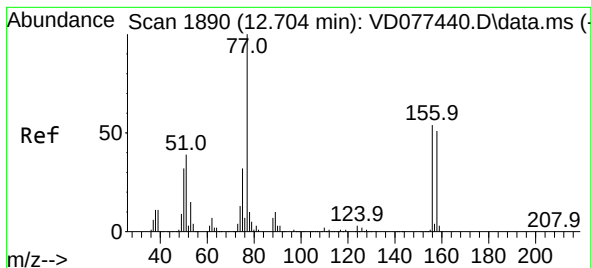


#76
1,2,3-Trichloropropane
Concen: 91.987 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



Tgt Ion: 75 Resp: 288910
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.386 ug/l

RT: 12.698 min Scan# 1890

Delta R.T. -0.006 min

Lab File: VD077441.D

Acq: 30 Oct 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 436099

Ion Ratio Lower Upper

156 100

77 216.0 76.8 230.4

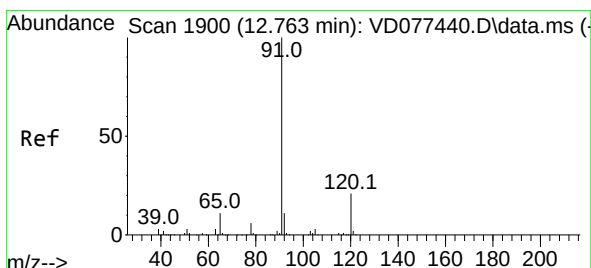
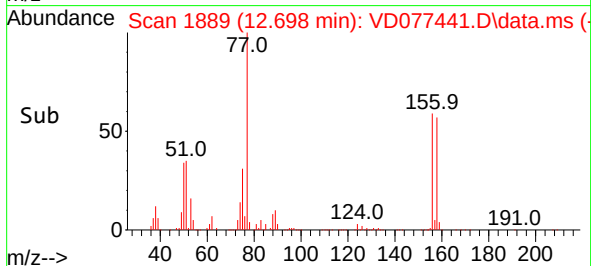
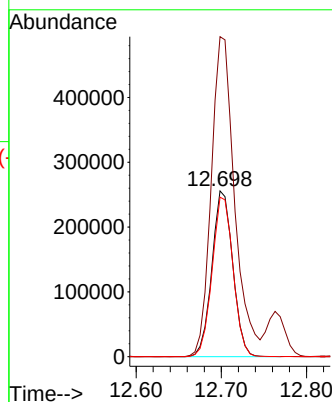
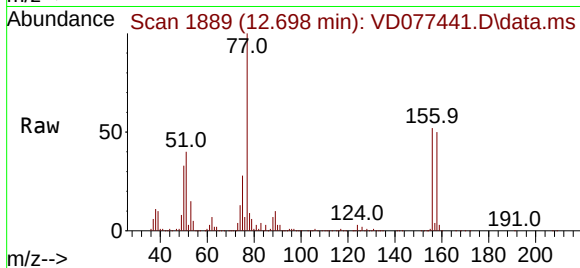
158 96.3 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#78

n-propylbenzene

Concen: 104.761 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077441.D

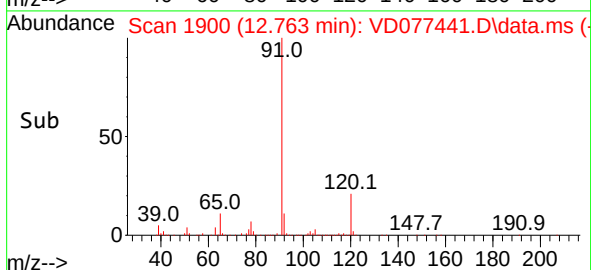
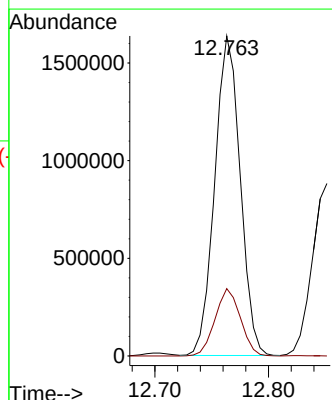
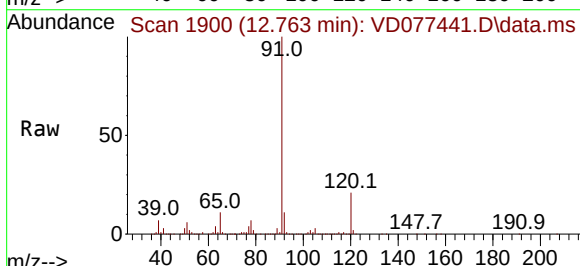
Acq: 30 Oct 2023 11:35

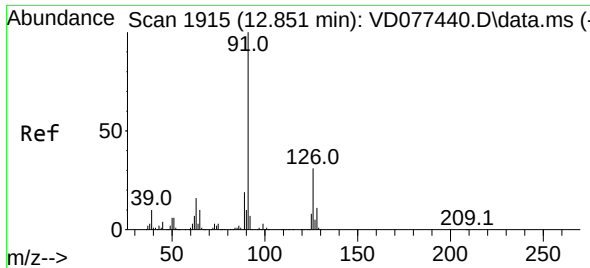
Tgt Ion: 91 Resp: 2549119

Ion Ratio Lower Upper

91 100

120 21.0 12.4 37.2





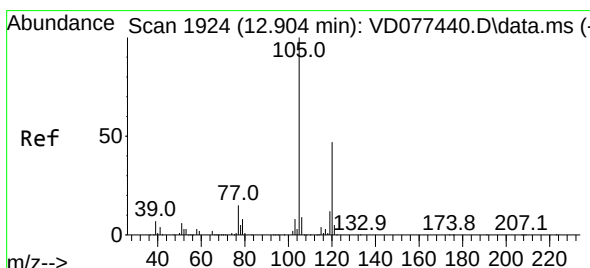
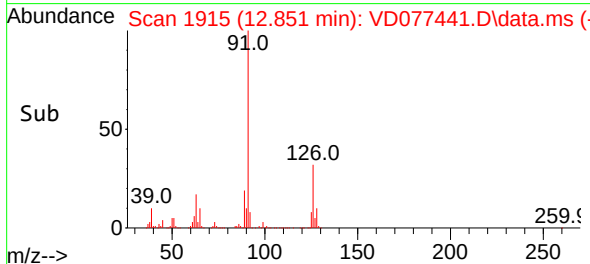
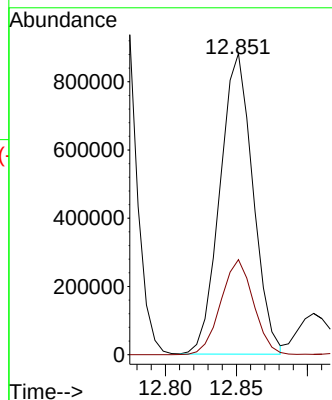
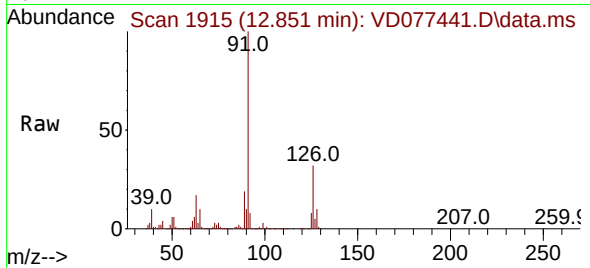
#79
2-Chlorotoluene
Concen: 103.546 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1426584
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.1

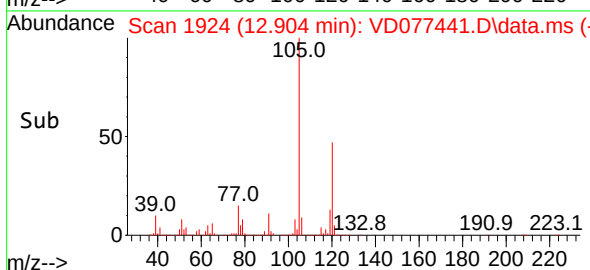
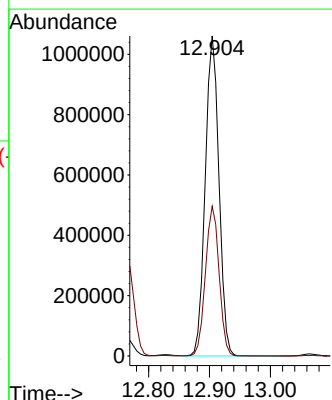
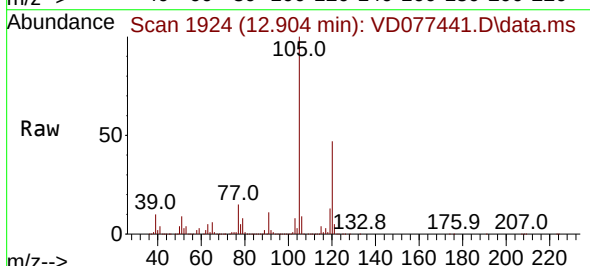
Manual Integrations
APPROVED

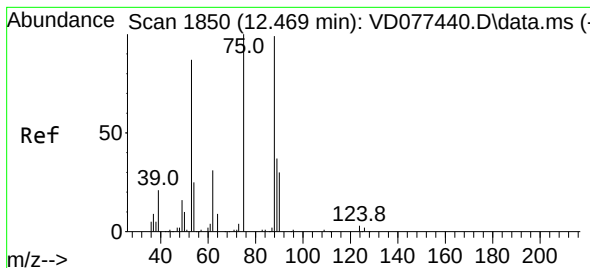
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 103.295 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion:105 Resp: 1660975
Ion Ratio Lower Upper
105 100
120 46.7 26.4 79.2





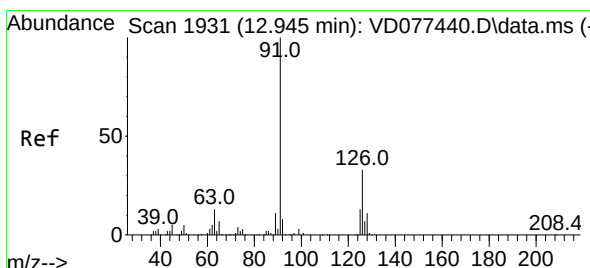
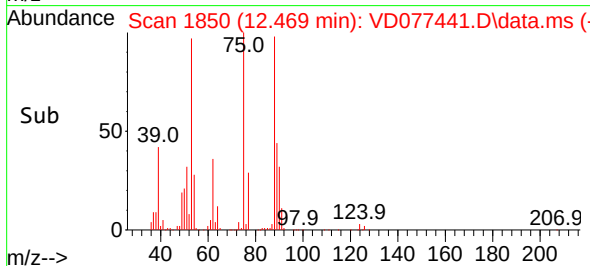
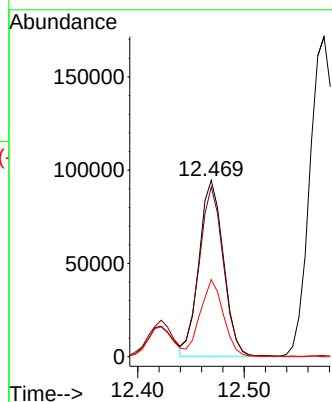
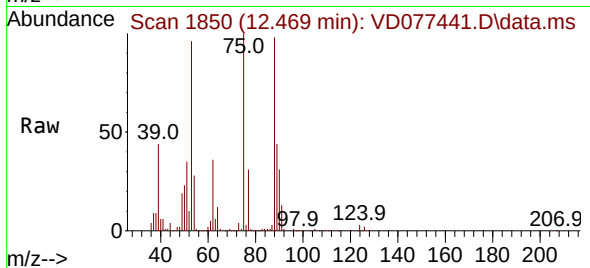
#81
trans-1,4-Dichloro-2-butene
Concen: 101.447 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 150243
Ion Ratio Lower Upper
75 100
53 96.1 63.0 94.4
89 41.5 37.9 56.9

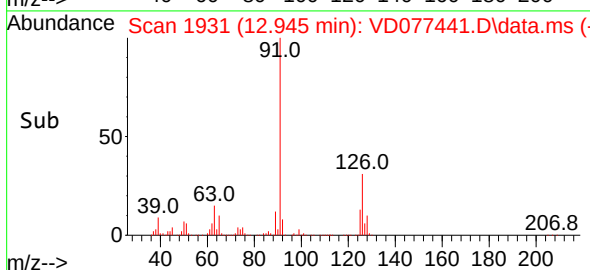
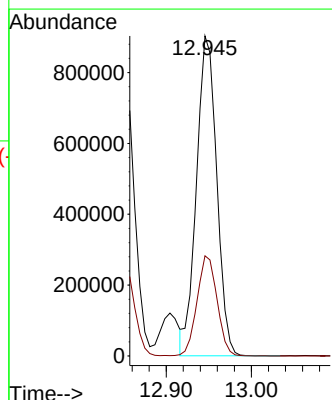
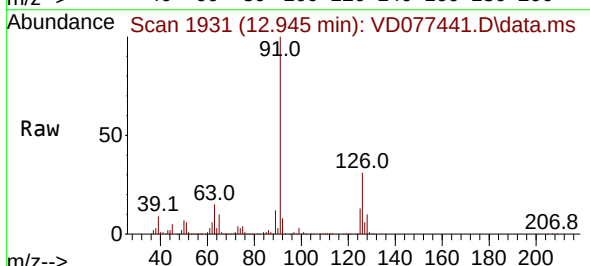
Manual Integrations
APPROVED

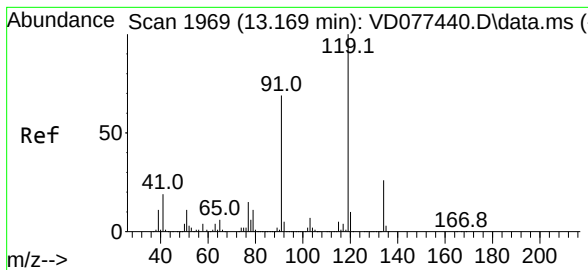
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 103.857 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion: 91 Resp: 1490448
Ion Ratio Lower Upper
91 100
126 31.0 19.4 58.4





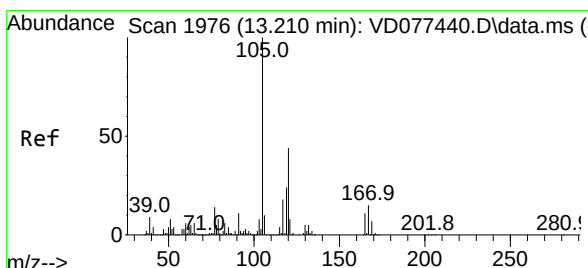
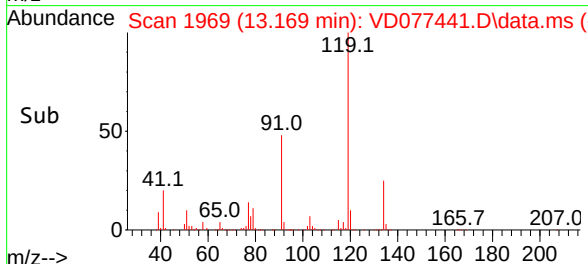
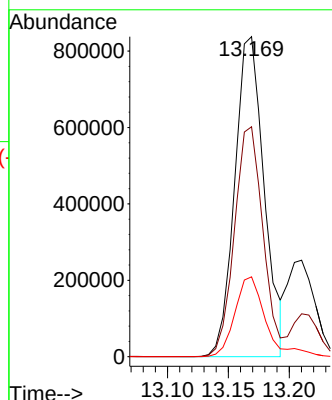
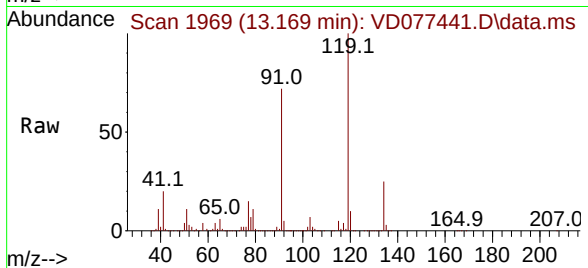
#83
tert-Butylbenzene
Concen: 104.347 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 141070
Ion Ratio Lower Upper
119 100
91 69.5 29.3 87.8
134 26.1 14.1 42.3

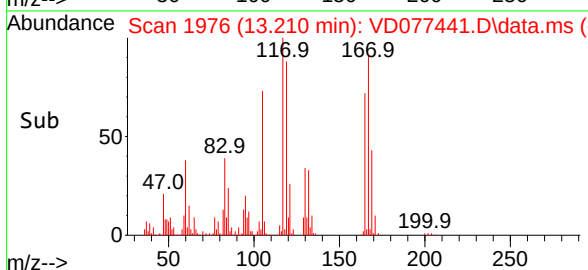
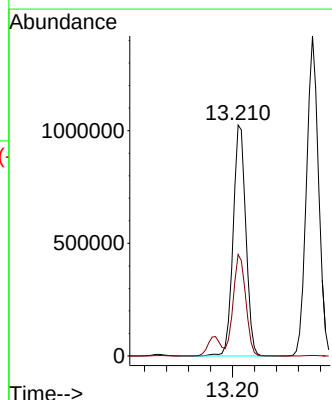
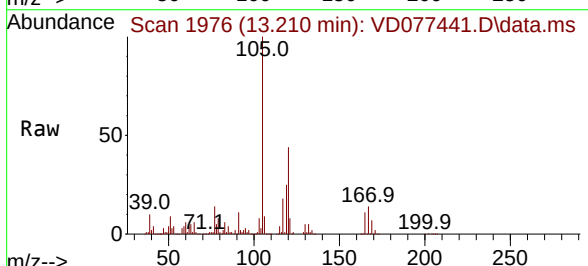
Manual Integrations
APPROVED

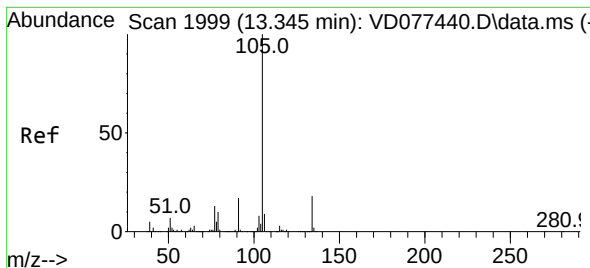
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 103.129 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

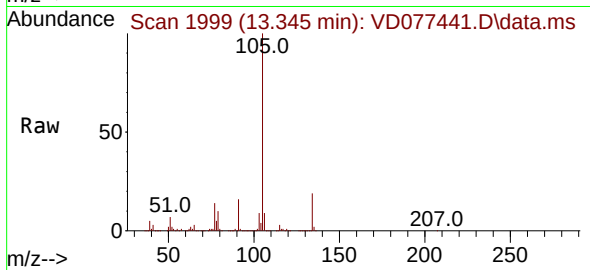
Tgt Ion:105 Resp: 1647304
Ion Ratio Lower Upper
105 100
120 43.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 104.262 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

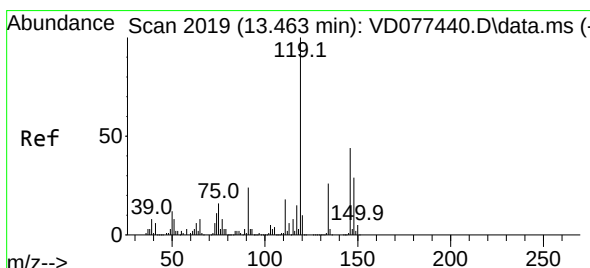
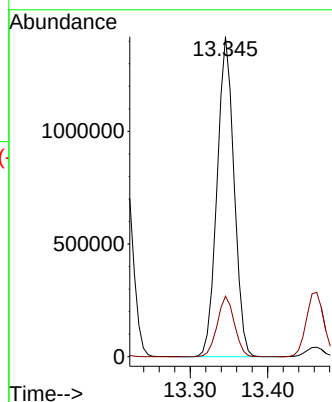
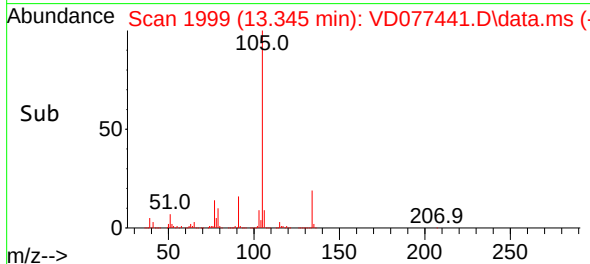
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 2156699
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

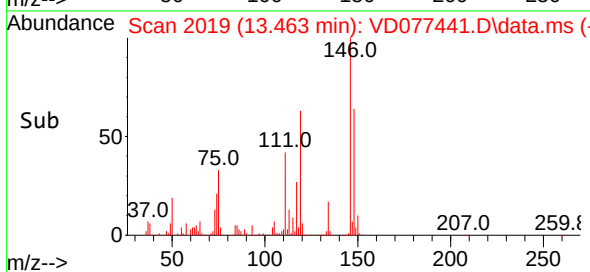
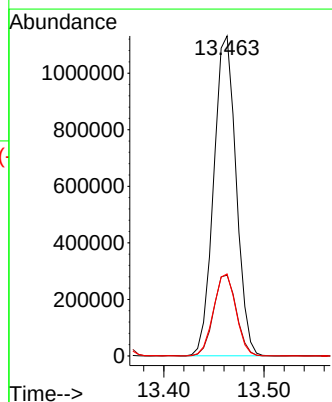
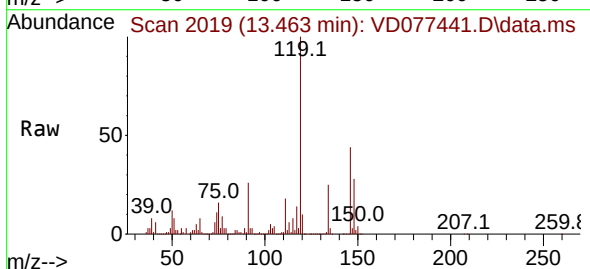
Manual Integrations
 APPROVED

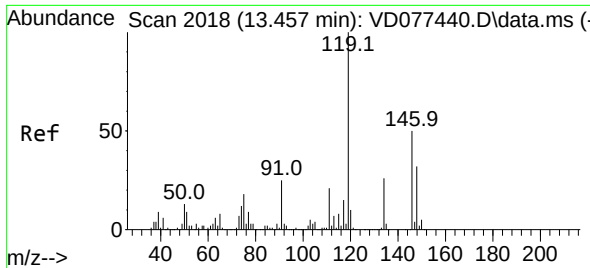
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 104.435 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Tgt Ion:119 Resp: 1755928
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 25.7 10.5 31.5





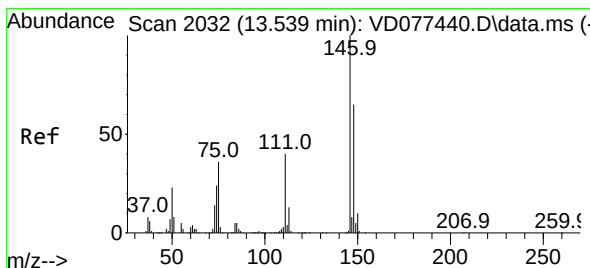
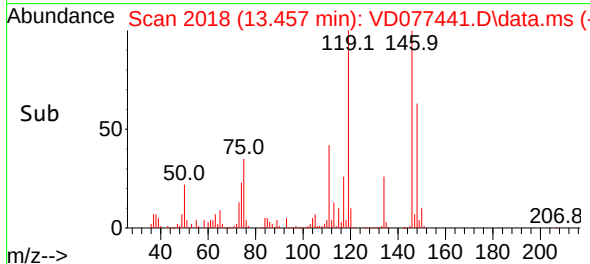
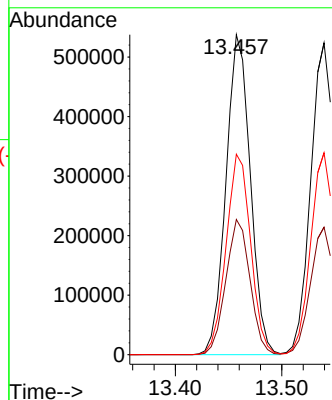
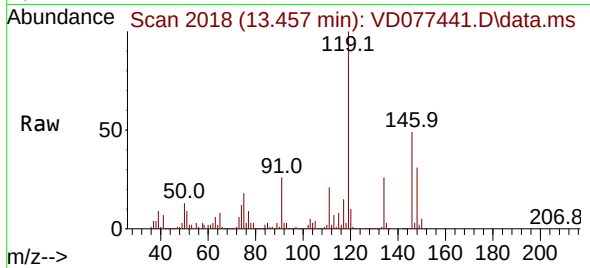
#87
 1,3-Dichlorobenzene
 Concen: 103.006 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 85407
 Ion Ratio Lower Upper
 146 100
 111 42.0 17.9 53.8
 148 63.4 32.3 96.8

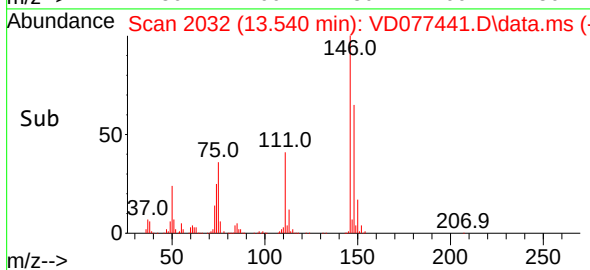
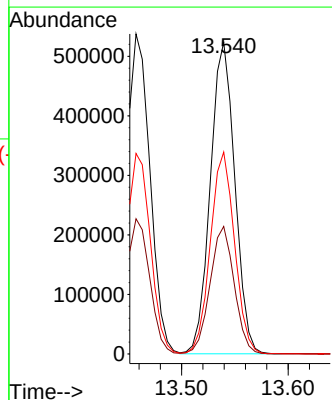
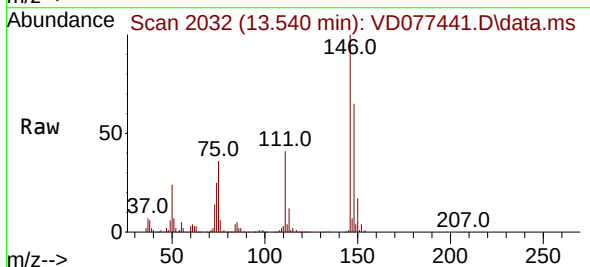
Manual Integrations
 APPROVED

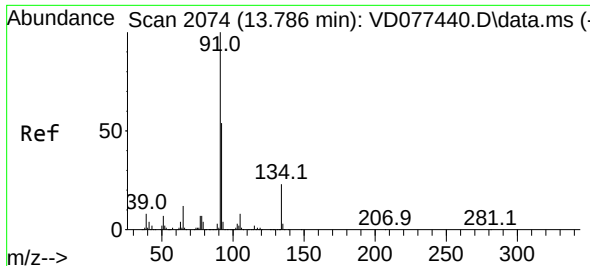
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#88
 1,4-Dichlorobenzene
 Concen: 100.922 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077441.D
 Acq: 30 Oct 2023 11:35

Tgt Ion:146 Resp: 836049
 Ion Ratio Lower Upper
 146 100
 111 40.4 17.4 52.3
 148 64.2 31.7 95.1





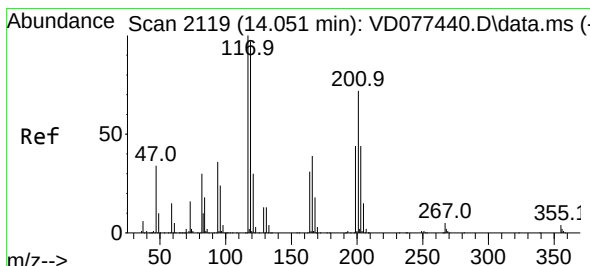
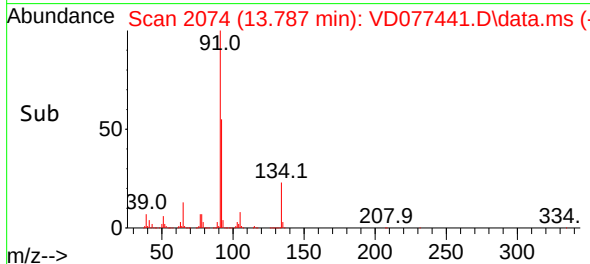
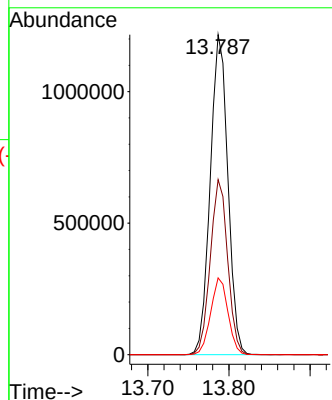
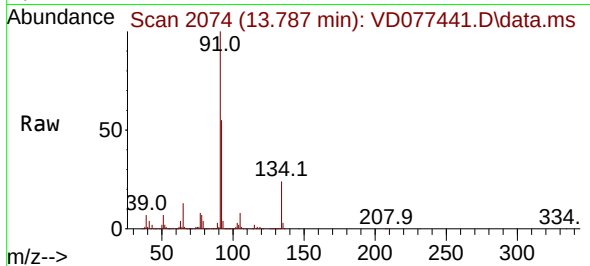
#89
n-Butylbenzene
Concen: 104.644 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 182871
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.5
134 23.6 13.8 41.3

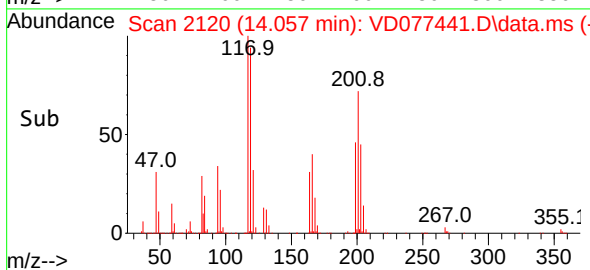
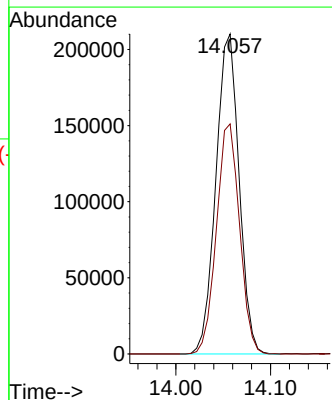
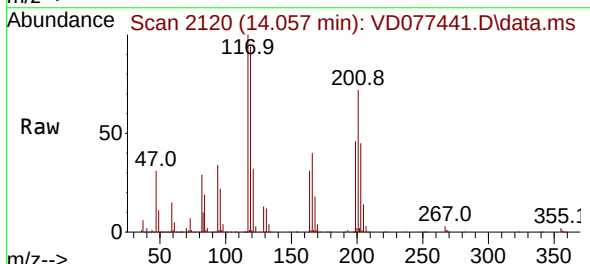
Manual Integrations
APPROVED

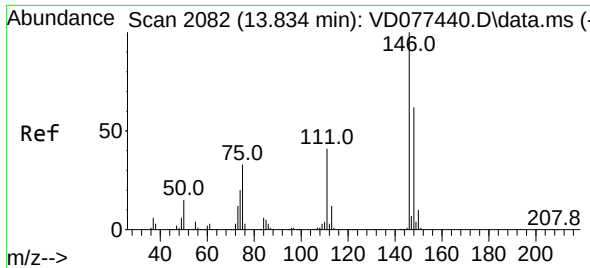
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 103.938 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Tgt Ion:117 Resp: 357613
Ion Ratio Lower Upper
117 100
201 71.7 38.5 115.5





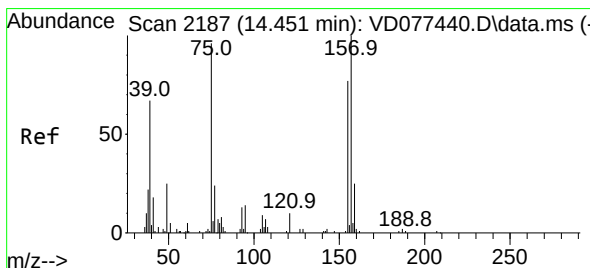
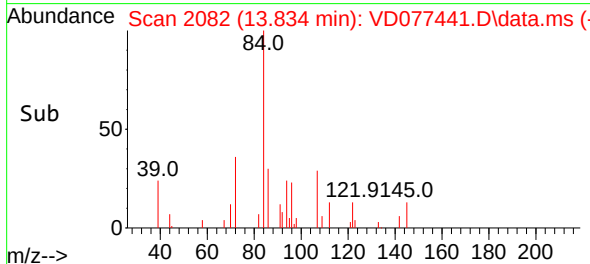
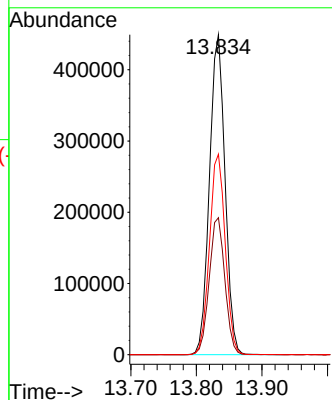
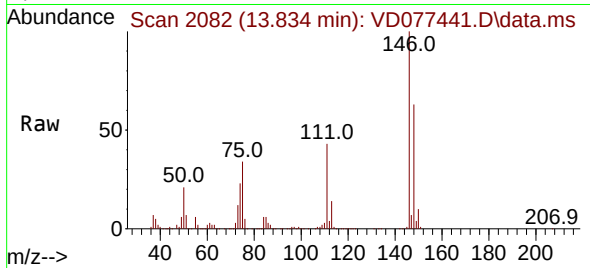
#91
1,2-Dichlorobenzene
Concen: 101.631 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 74056
Ion Ratio Lower Upper
146 100
111 43.2 18.3 54.8
148 63.6 31.6 94.7

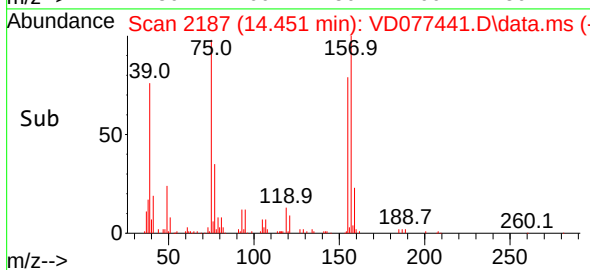
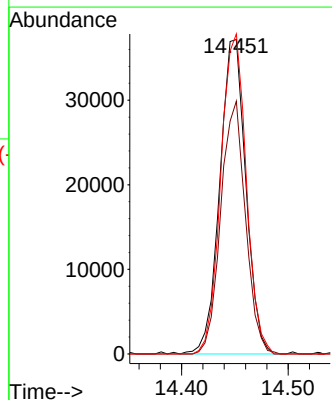
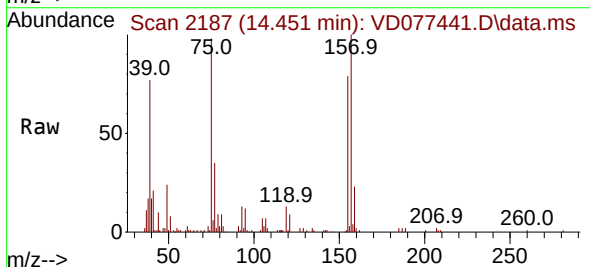
Manual Integrations
APPROVED

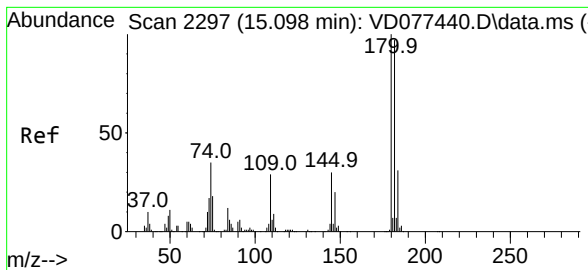
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.682 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

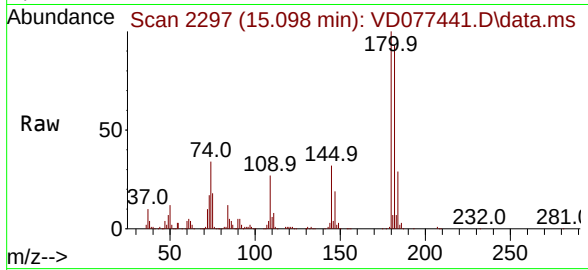
Tgt Ion: 75 Resp: 63083
Ion Ratio Lower Upper
75 100
155 76.1 47.9 143.8
157 99.1 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 104.649 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

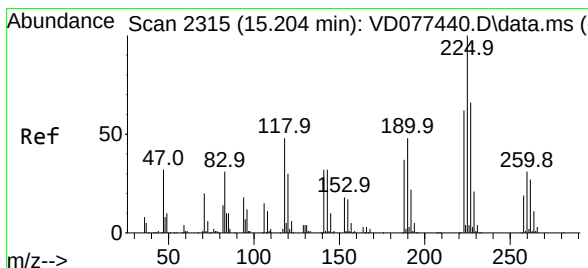
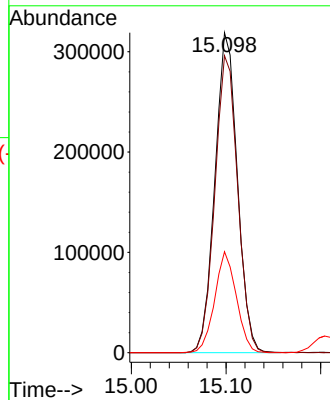
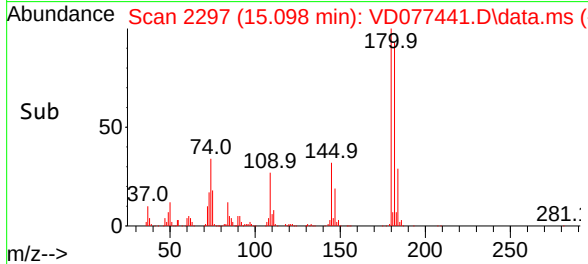
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



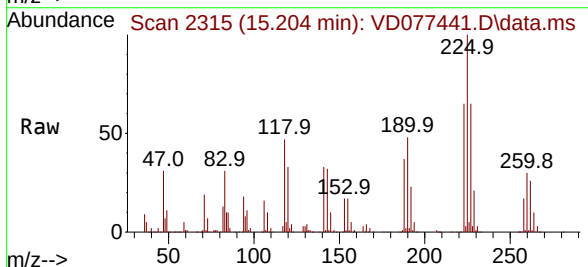
Tgt Ion:180 Resp: 52386
Ion Ratio Lower Upper
180 100
182 94.5 48.5 145.6
145 30.6 14.2 42.6

Manual Integrations
APPROVED

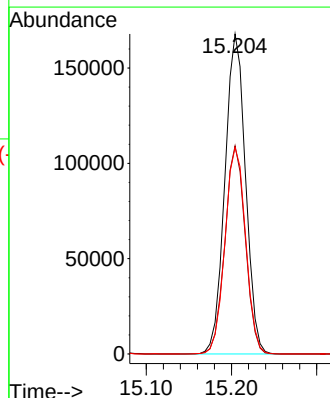
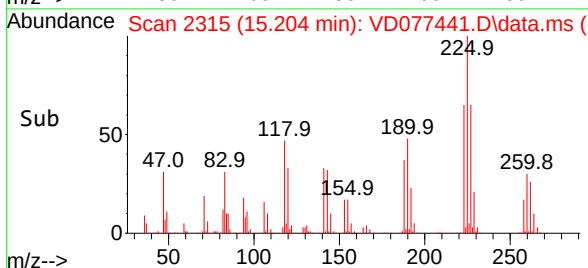
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

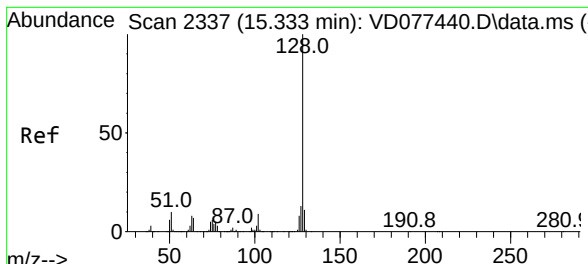


#94
Hexachlorobutadiene
Concen: 104.704 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



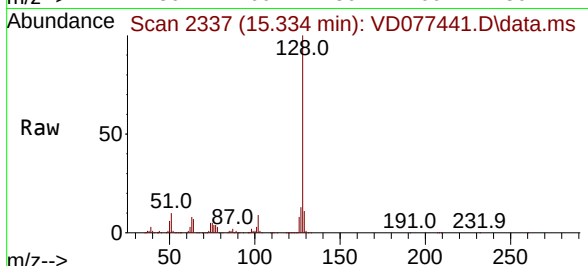
Tgt Ion:225 Resp: 282724
Ion Ratio Lower Upper
225 100
223 64.1 31.6 94.8
227 64.7 31.7 95.1





#95
Naphthalene
Concen: 103.896 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35

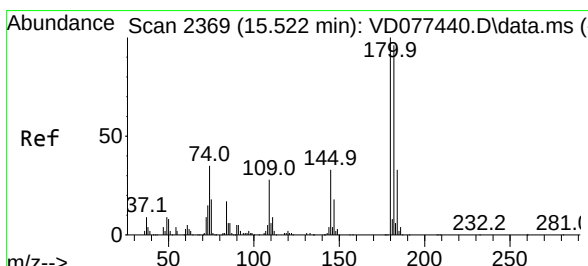
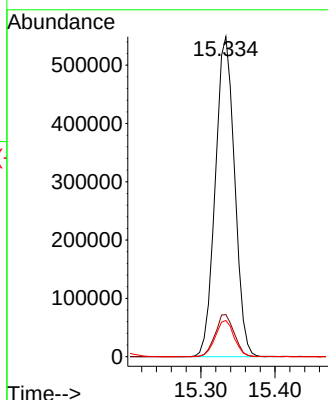
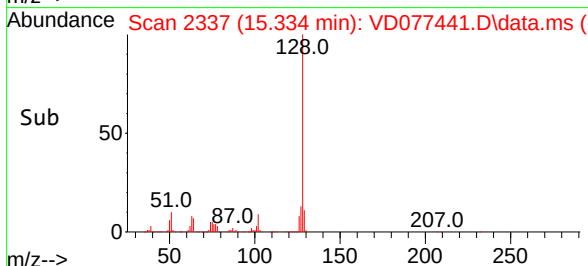
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



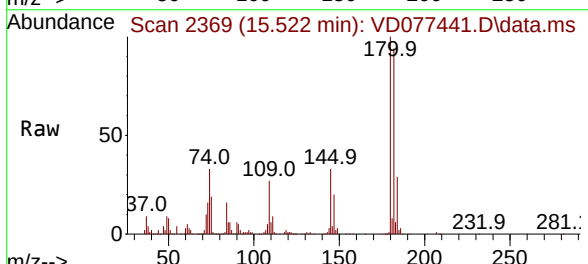
Tgt Ion:128 Resp: 992159
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 103.349 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077441.D
Acq: 30 Oct 2023 11:35



Tgt Ion:180 Resp: 446571
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 32.7 15.1 45.3

