

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077676.D
 Acq On : 15 May 2023 18:01
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: May 16 02:49:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	414366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	761915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	670761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	296117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	245344	39.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.140%		
35) Dibromofluoromethane	8.171	113	197114	39.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	79.340%		
50) Toluene-d8	10.571	98	765980	40.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	80.100%#		
62) 4-Bromofluorobenzene	12.853	95	264566	39.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	78.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	193662	41.067	ug/l	99
3) Chloromethane	2.365	50	209722	41.646	ug/l	96
4) Vinyl Chloride	2.518	62	242728	40.825	ug/l	97
5) Bromomethane	2.959	94	172781	39.256	ug/l	97
6) Chloroethane	3.124	64	160181	37.271	ug/l	100
7) Trichlorofluoromethane	3.501	101	328975	39.703	ug/l	99
8) Diethyl Ether	3.965	74	118506	39.177	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	183911	40.108	ug/l	100
10) Methyl Iodide	4.595	142	221250	40.458	ug/l	95
11) Tert butyl alcohol	5.530	59	165728	193.685	ug/l	99
12) 1,1-Dichloroethene	4.342	96	172580	39.599	ug/l	85
13) Acrolein	4.183	56	116231	214.239	ug/l	96
14) Allyl chloride	5.030	41	270573	42.154	ug/l	92
15) Acrylonitrile	5.724	53	446862	195.479	ug/l	98
16) Acetone	4.436	43	362960	184.868	ug/l	99
17) Carbon Disulfide	4.718	76	439910	37.462	ug/l	97
18) Methyl Acetate	5.030	43	324369	39.639	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	634911	40.248	ug/l	96
20) Methylene Chloride	5.283	84	204729	39.927	ug/l	88
21) trans-1,2-Dichloroethene	5.795	96	189300	38.668	ug/l #	78
22) Diisopropyl ether	6.683	45	593594	39.555	ug/l #	91
23) Vinyl Acetate	6.612	43	1811835	194.865	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	369812	40.224	ug/l	99
25) 2-Butanone	7.489	43	595815	195.265	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	321788	41.198	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	233709	39.814	ug/l	91
28) Bromochloromethane	7.818	49	155101	39.008	ug/l	90
29) Tetrahydrofuran	7.847	42	391265	195.830	ug/l #	83
30) Chloroform	7.971	83	397331	39.287	ug/l	98
31) Cyclohexane	8.259	56	317730	37.706	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	345207	40.147	ug/l	96
36) 1,1-Dichloropropene	8.377	75	291165	40.067	ug/l	97
37) Ethyl Acetate	7.565	43	242505	37.440	ug/l	95
38) Carbon Tetrachloride	8.371	117	303453	41.353	ug/l	96
39) Methylcyclohexane	9.606	83	358684	40.317	ug/l	91
40) Benzene	8.612	78	865098	40.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	135457	39.269	ug/l	91
42) 1,2-Dichloroethane	8.677	62	306201	39.307	ug/l	97
43) Isopropyl Acetate	8.694	43	418684	39.574	ug/l	96
44) Trichloroethene	9.359	130	213507	39.320	ug/l	99
45) 1,2-Dichloropropane	9.624	63	219087	40.053	ug/l	99
46) Dibromomethane	9.712	93	153683	39.264	ug/l	97
47) Bromodichloromethane	9.894	83	305025	40.705	ug/l	97
48) Methyl methacrylate	9.683	41	206870	41.242	ug/l	85
49) 1,4-Dioxane	9.700	88	75963	801.723	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1273433	202.495	ug/l	93
52) Toluene	10.635	92	543978	40.746	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	329236	41.489	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	355872	40.695	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	210654	39.739	ug/l	93
56) Ethyl methacrylate	10.877	69	333898	41.659	ug/l	92
57) 1,3-Dichloropropane	11.171	76	364153	40.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	831181	210.797	ug/l	92
59) 2-Hexanone	11.200	43	940821	202.261	ug/l	93
60) Dibromochloromethane	11.365	129	223724	40.882	ug/l	98
61) 1,2-Dibromoethane	11.477	107	219670	41.539	ug/l	97
64) Tetrachloroethene	11.112	164	176636	37.656	ug/l	97
65) Chlorobenzene	11.900	112	576721	39.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	211522	42.040	ug/l	98
67) Ethyl Benzene	11.971	91	1052749	40.399	ug/l	96
68) m/p-Xylenes	12.077	106	799414	80.962	ug/l	97
69) o-Xylene	12.406	106	393690	40.543	ug/l	96
70) Styrene	12.418	104	633084	41.041	ug/l	96
71) Bromoform	12.582	173	140767	42.056	ug/l #	100
73) Isopropylbenzene	12.700	105	1034800	40.540	ug/l	100
74) N-amyl acetate	12.500	43	364135	38.594	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	308153	39.242	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	296140m	41.413	ug/l	
77) Bromobenzene	12.988	156	221719	38.063	ug/l	96
78) n-propylbenzene	13.041	91	1182395	39.292	ug/l	100
79) 2-Chlorotoluene	13.129	91	710282	39.555	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	861820	40.172	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	94327	40.659	ug/l #	85
82) 4-Chlorotoluene	13.229	91	705370	39.480	ug/l	98
83) tert-Butylbenzene	13.447	119	746953	39.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	864979	40.997	ug/l	99
85) sec-Butylbenzene	13.624	105	1068700	40.152	ug/l	100
86) p-Isopropyltoluene	13.735	119	865045	40.767	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	411196	38.171	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	412358	38.575	ug/l	99
89) n-Butylbenzene	14.065	91	775175	39.718	ug/l	99
90) Hexachloroethane	14.341	117	146339	41.980	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	402823	40.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59492	39.132	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	223261	37.963	ug/l	97
94) Hexachlorobutadiene	15.512	225	96134	39.370	ug/l	99
95) Naphthalene	15.647	128	751577	37.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	222813	38.696	ug/l	99

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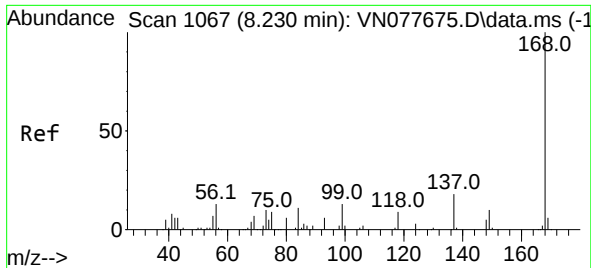
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APPROVED

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Supervised By :Mahesh Dadoda 05/16/2023

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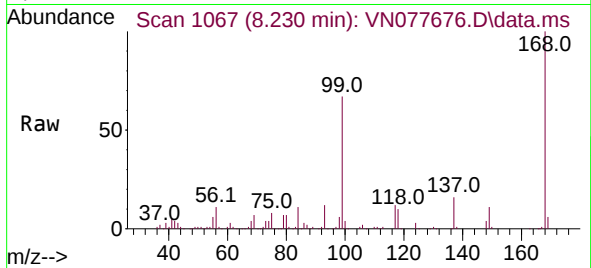
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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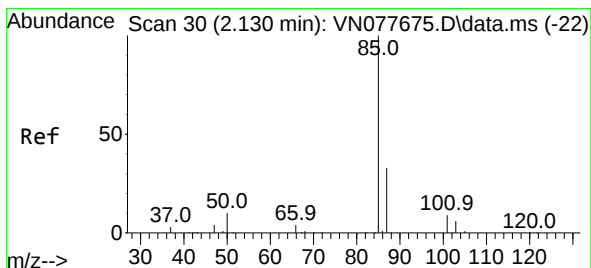
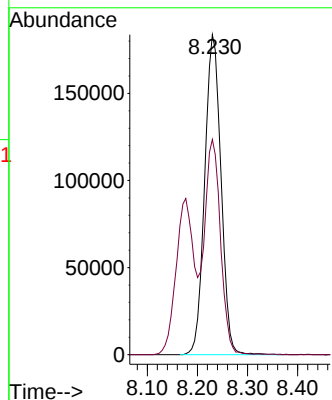
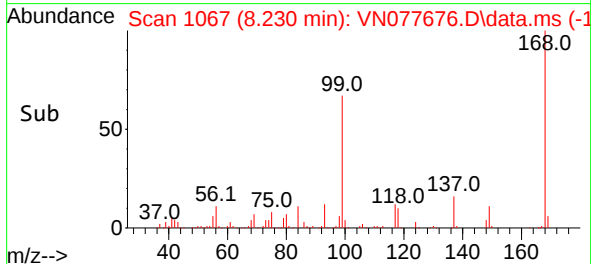
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:168 Resp: 414360
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6

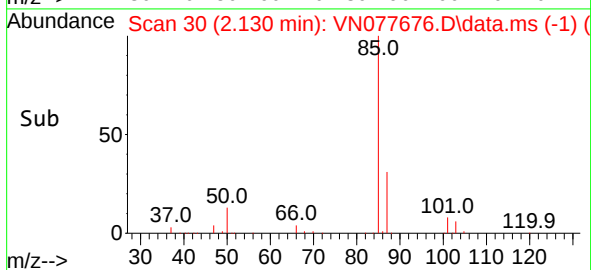
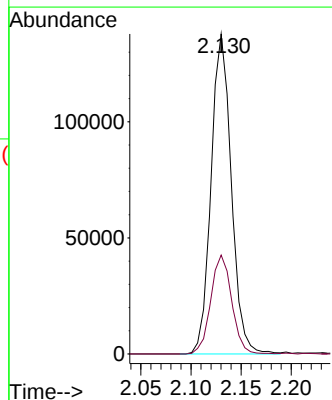
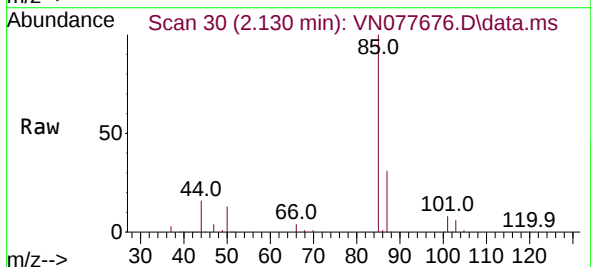
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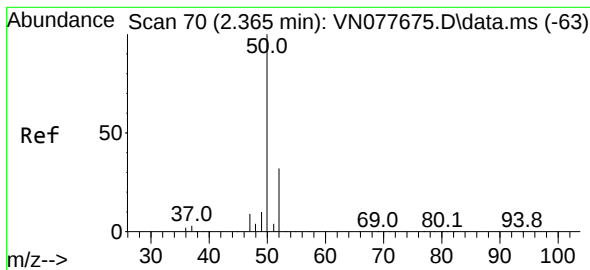
Reviewed By :John Carlone 05/16/2023
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#2
Dichlorodifluoromethane
Concen: 41.067 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

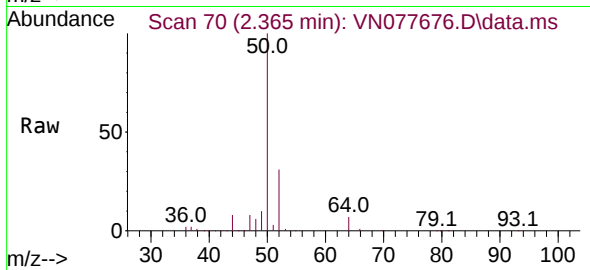
Tgt Ion: 85 Resp: 193662
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 41.646 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

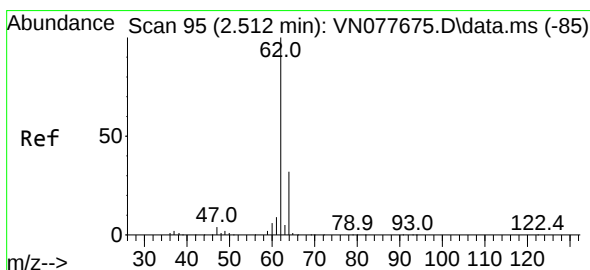
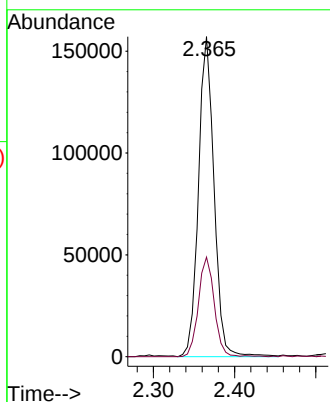
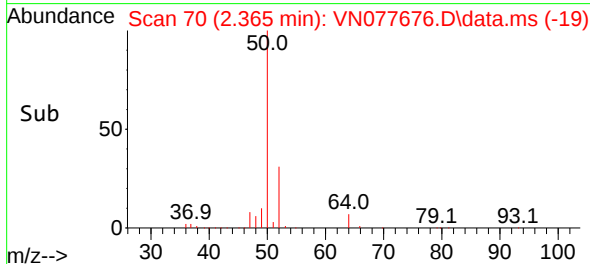
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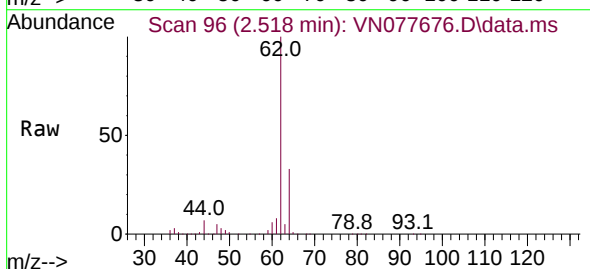
Tgt Ion: 50 Resp: 20972
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

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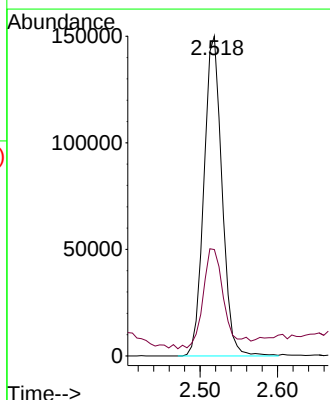
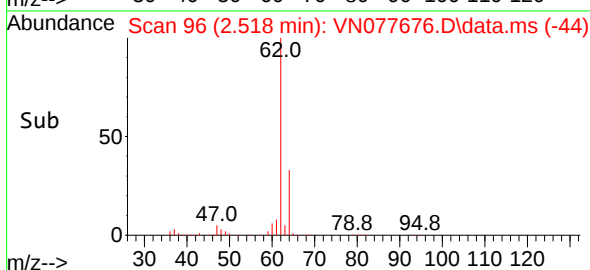
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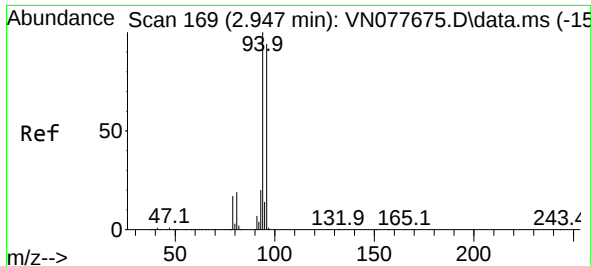


#4
Vinyl Chloride
Concen: 40.825 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



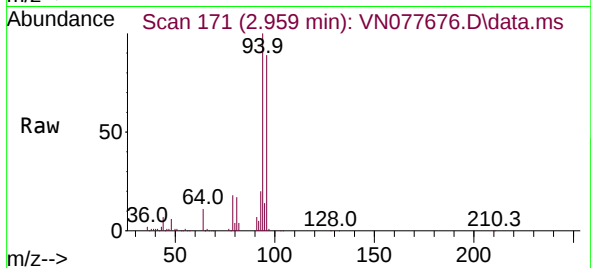
Tgt Ion: 62 Resp: 242728
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2





#5
Bromomethane
Concen: 39.256 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

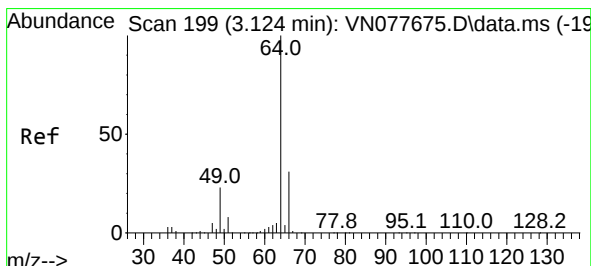
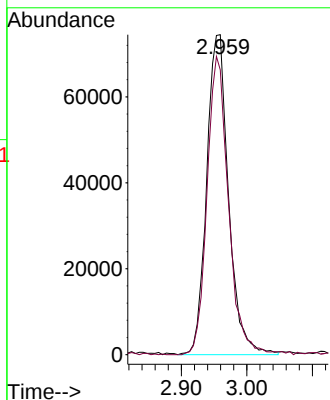
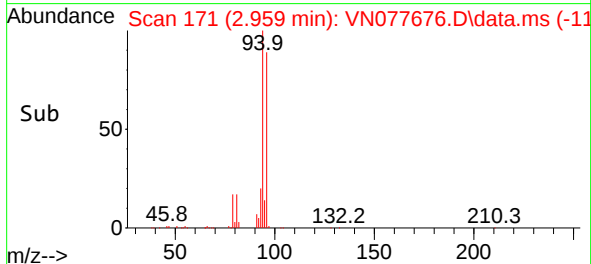
Instrument :
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Tgt Ion: 94 Resp: 17278
Ion Ratio Lower Upper
94 100
96 89.0 73.1 109.7

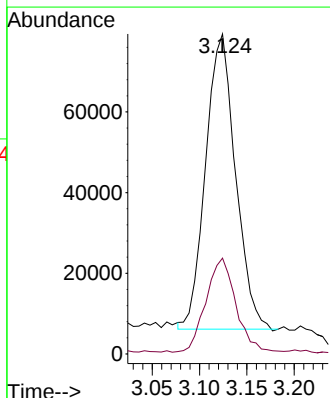
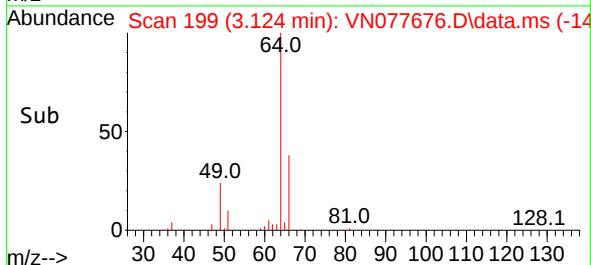
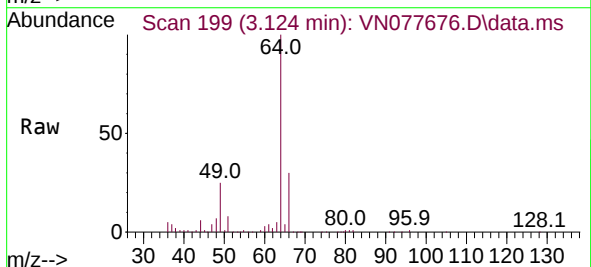
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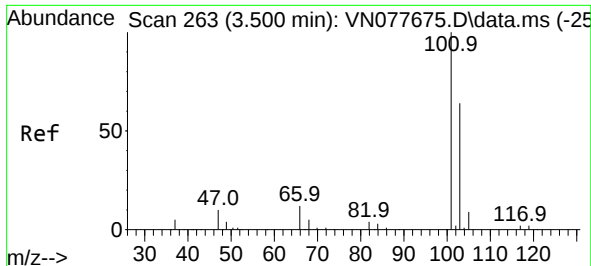
Reviewed By :John Carlone 05/16/2023
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#6
Chloroethane
Concen: 37.271 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077676.D
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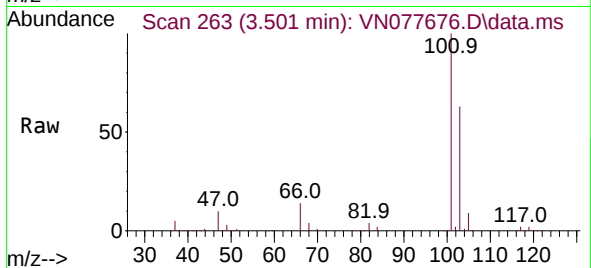
Tgt Ion: 64 Resp: 160181
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 39.703 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

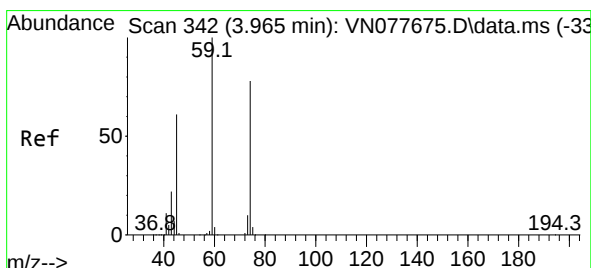
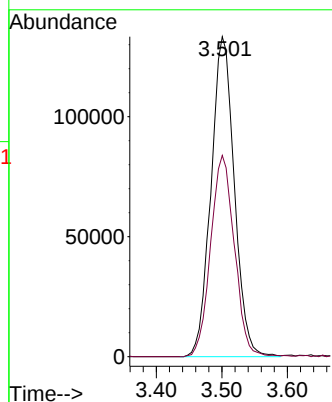
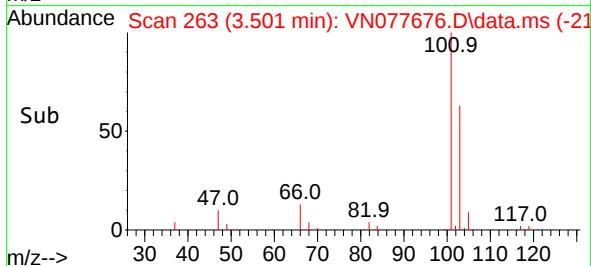
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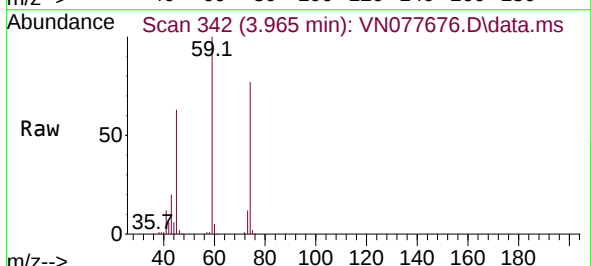
Tgt Ion:101 Resp: 32897
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1

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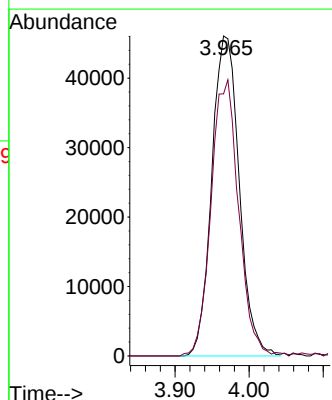
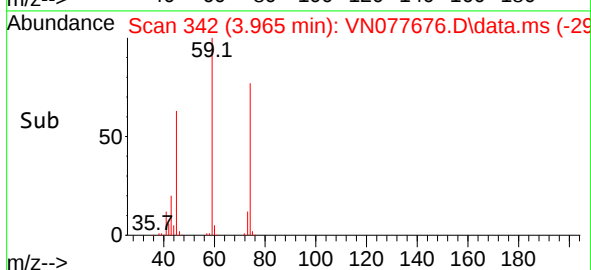
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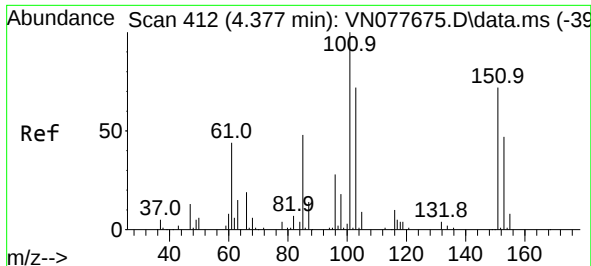


#8
Diethyl Ether
Concen: 39.177 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 118506
Ion Ratio Lower Upper
74 100
45 86.7 34.4 103.3





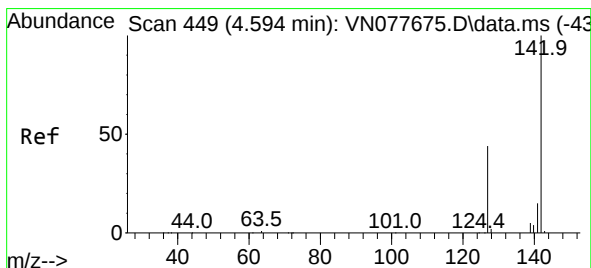
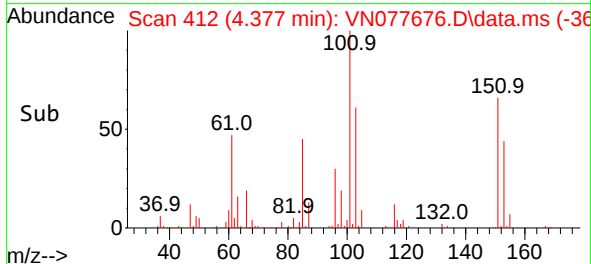
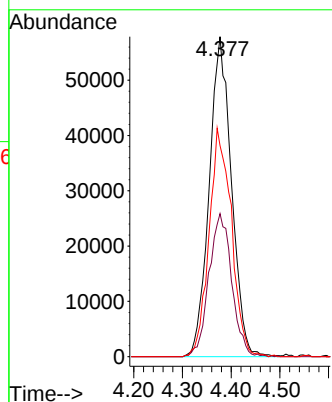
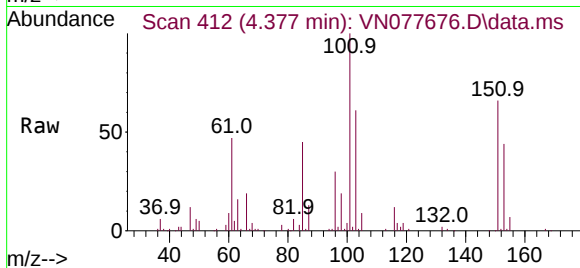
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.108 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:101 Resp: 18391
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 71.7 57.6 86.4

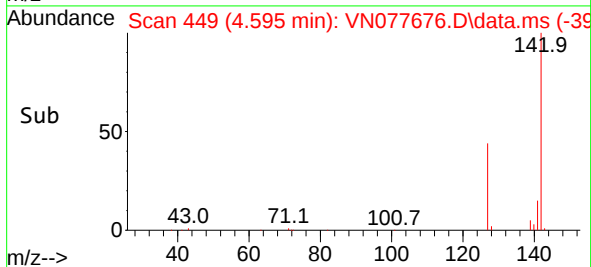
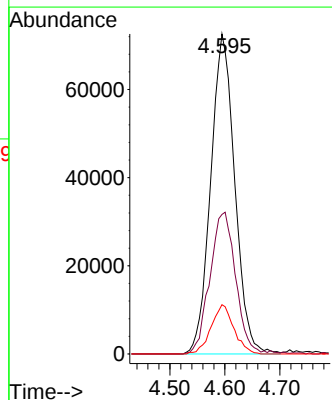
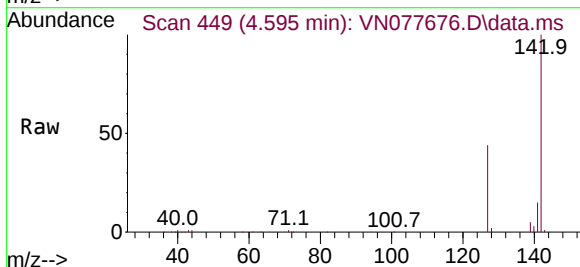
Manual Integrations
APPROVED

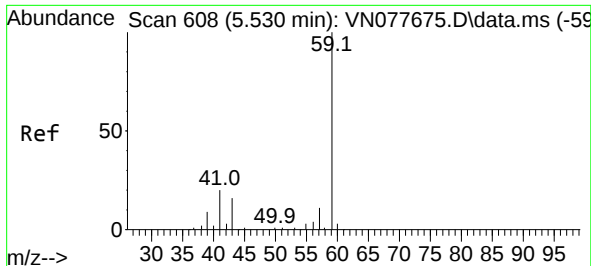
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#10
Methyl Iodide
Concen: 40.458 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

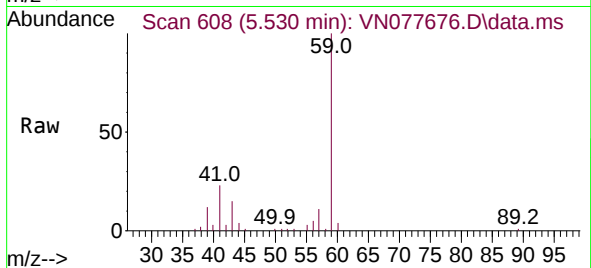
Tgt Ion:142 Resp: 221250
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 15.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 193.685 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

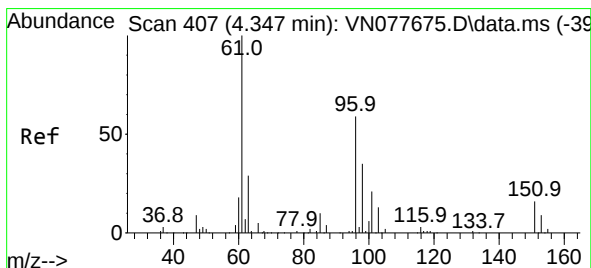
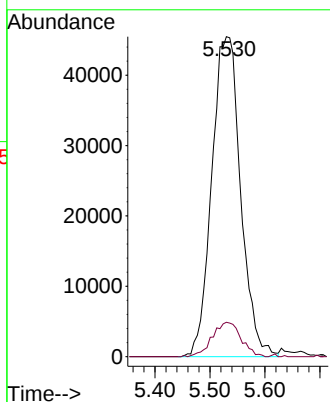
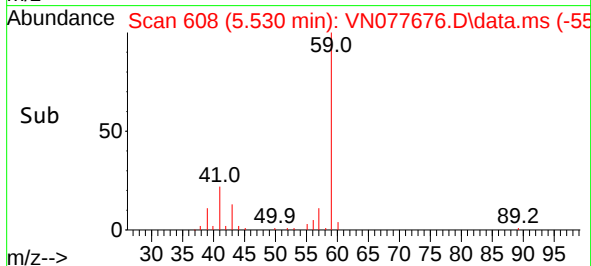
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



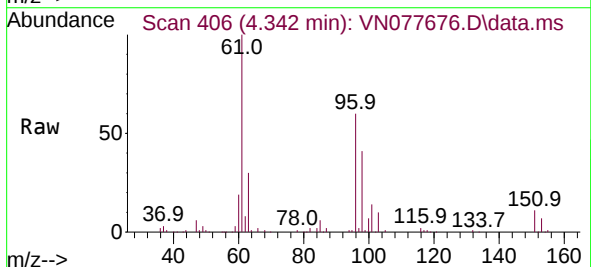
Tgt Ion: 59 Resp: 165728
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

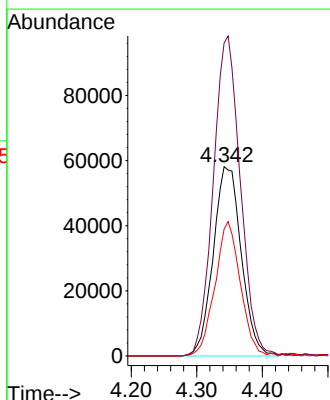
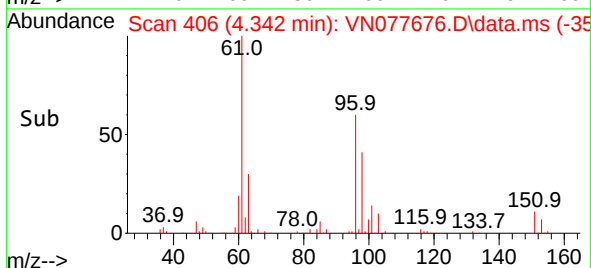
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

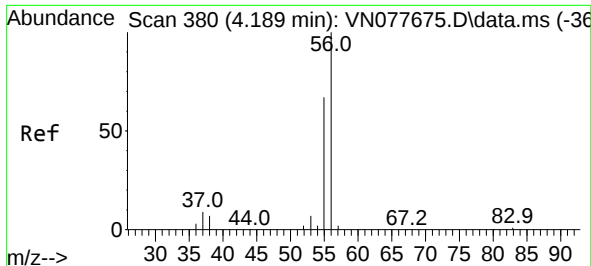


#12
1,1-Dichloroethene
Concen: 39.599 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



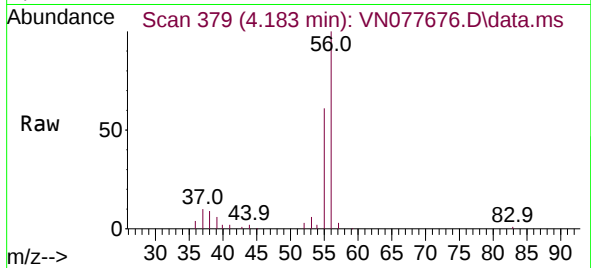
Tgt Ion: 96 Resp: 172580
Ion Ratio Lower Upper
96 100
61 165.3 112.7 169.1
98 67.0 51.2 76.8





#13
Acrolein
Concen: 214.239 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

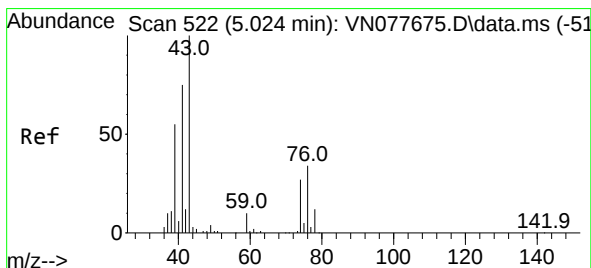
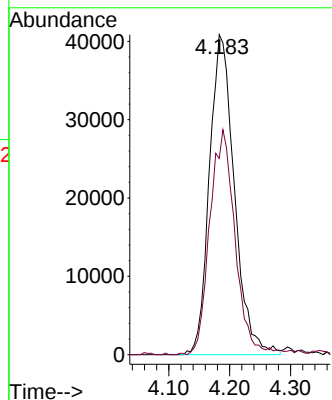
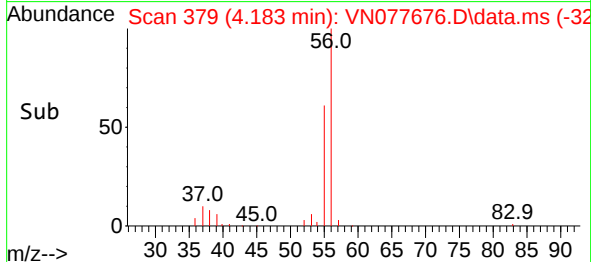
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 56 Resp: 11623
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

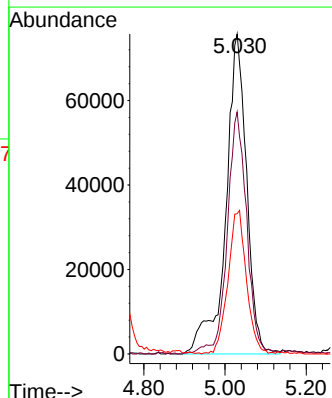
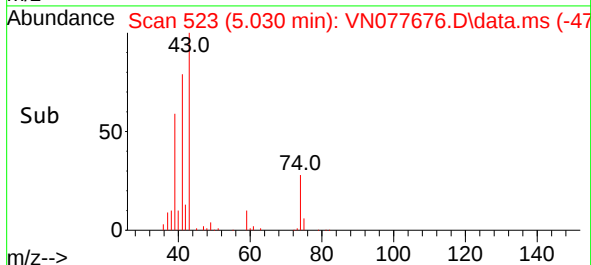
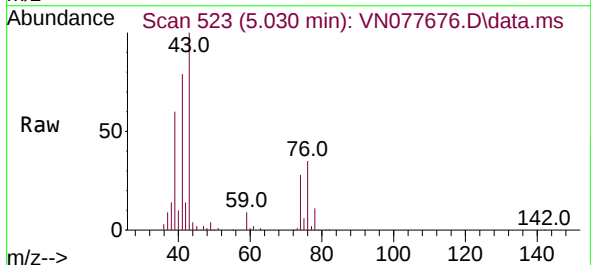
Manual Integrations
APPROVED

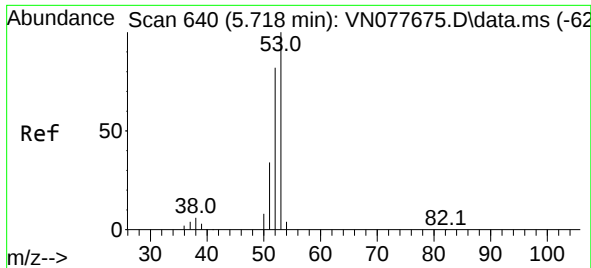
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#14
Allyl chloride
Concen: 42.154 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

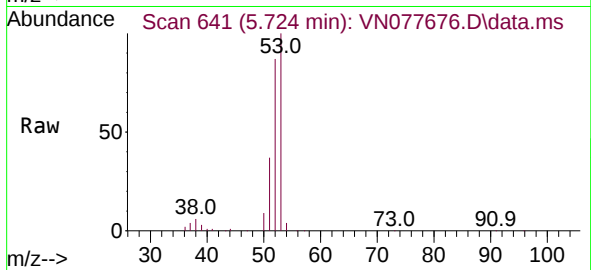
Tgt Ion: 41 Resp: 270573
Ion Ratio Lower Upper
41 100
39 70.3 58.8 88.2
76 39.7 39.1 58.7





#15
Acrylonitrile
Concen: 195.479 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

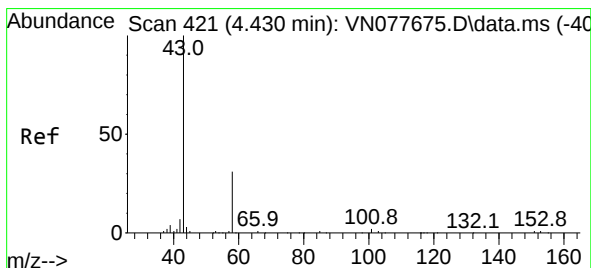
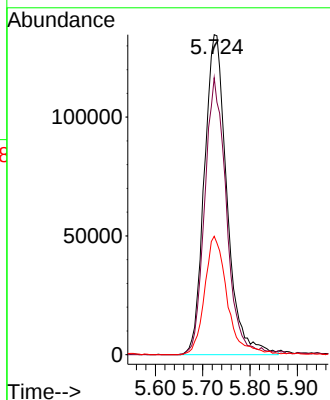
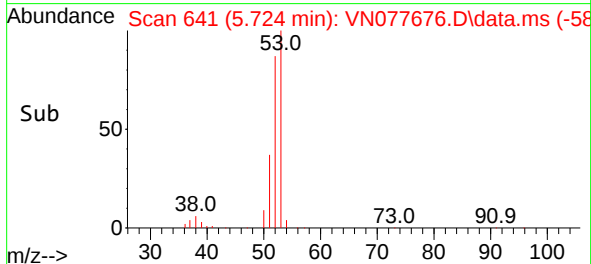
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 53 Resp: 446862
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.1 28.9 43.3

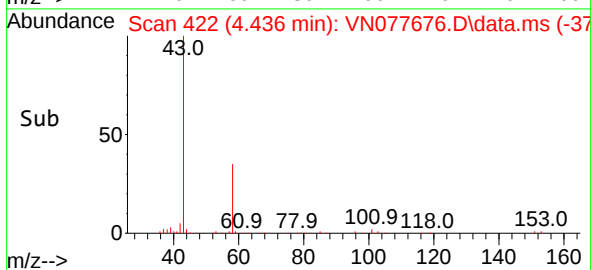
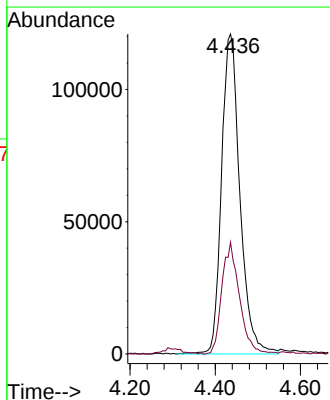
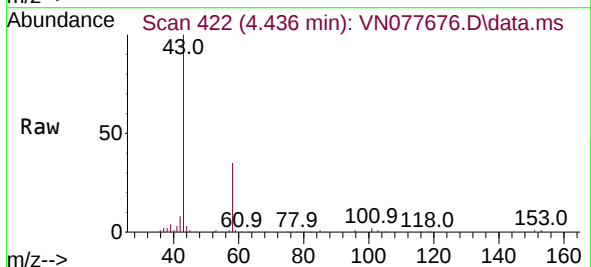
Manual Integrations
APPROVED

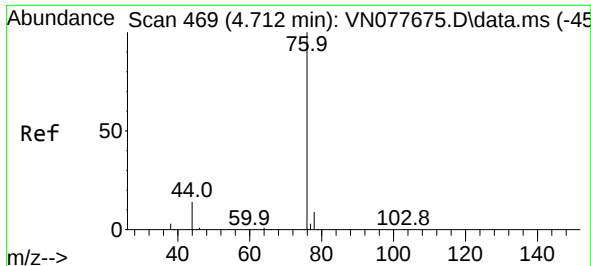
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#16
Acetone
Concen: 184.868 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion: 43 Resp: 362960
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





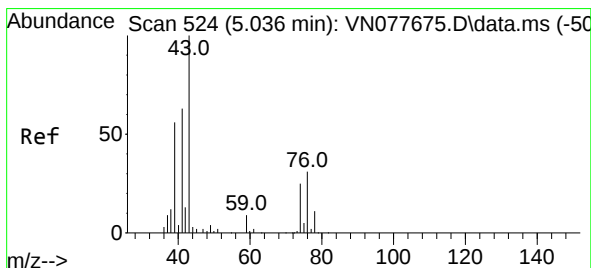
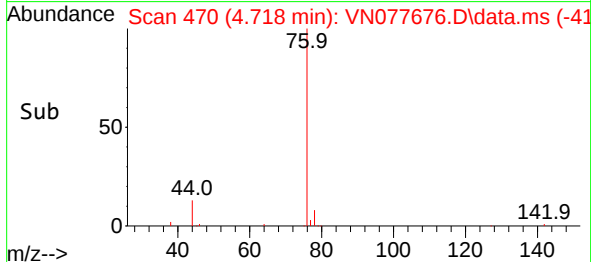
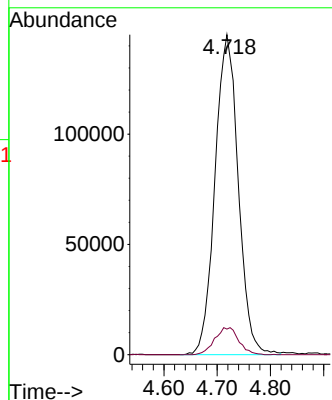
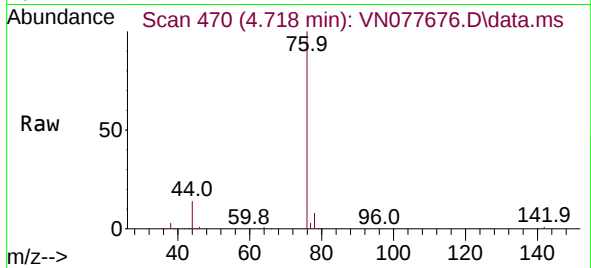
#17
Carbon Disulfide
Concen: 37.462 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion: 76 Resp: 439910
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

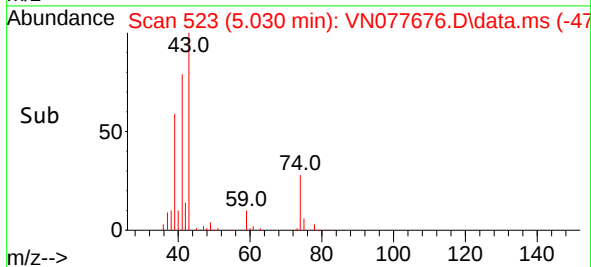
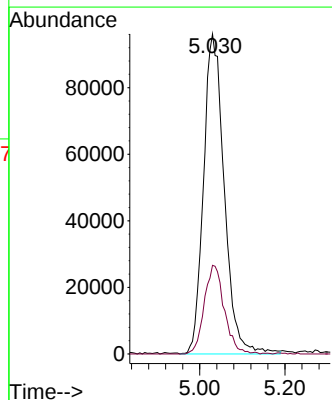
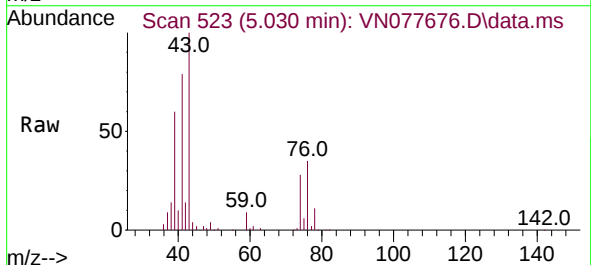
Manual Integrations
APPROVED

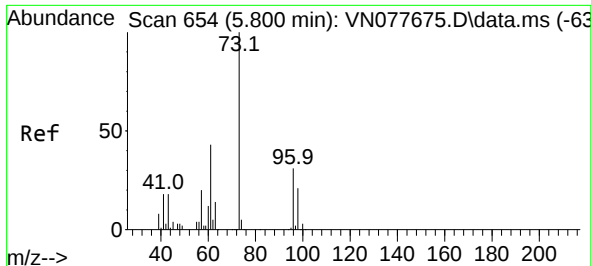
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#18
Methyl Acetate
Concen: 39.639 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion: 43 Resp: 324369
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4





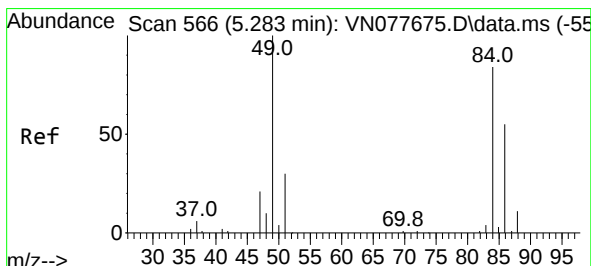
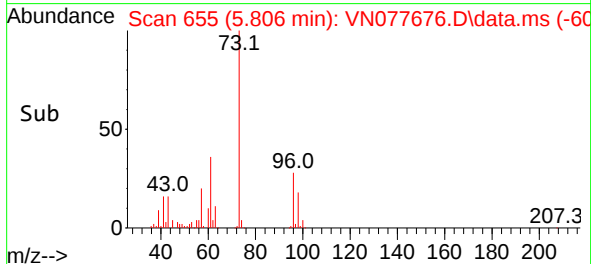
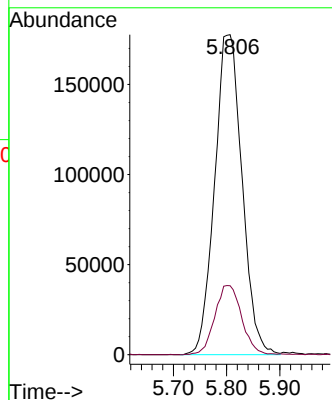
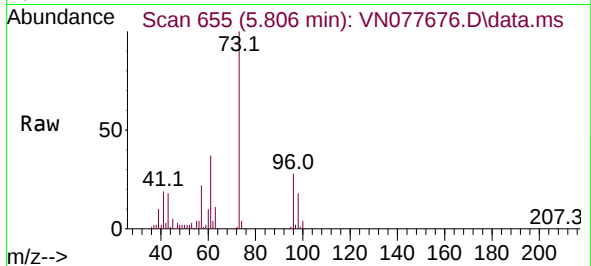
#19
Methyl tert-butyl Ether
Concen: 40.248 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion: 73 Resp: 63491
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

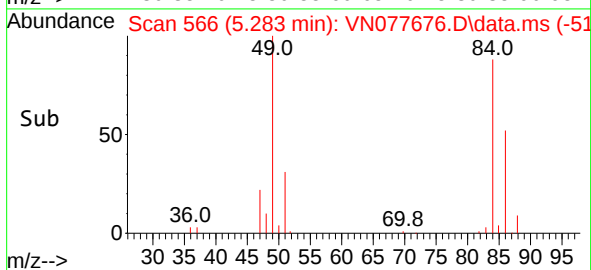
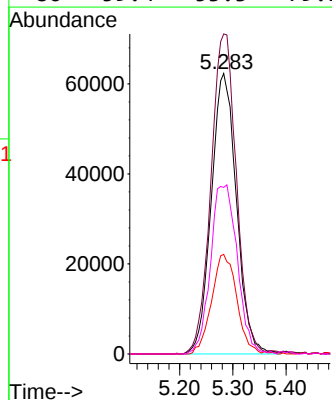
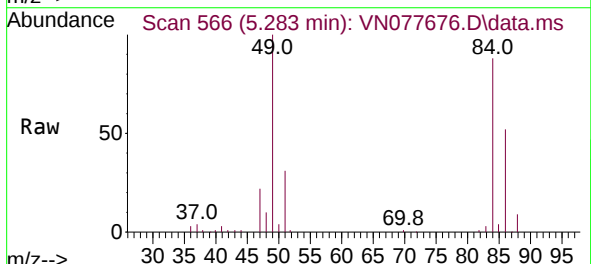
Manual Integrations
APPROVED

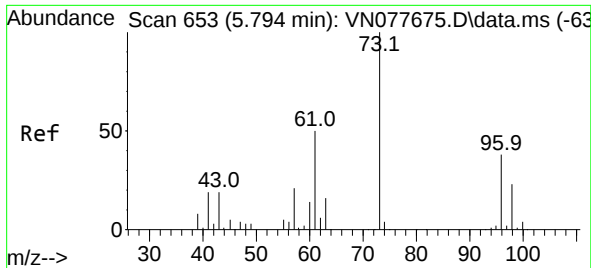
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 39.927 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

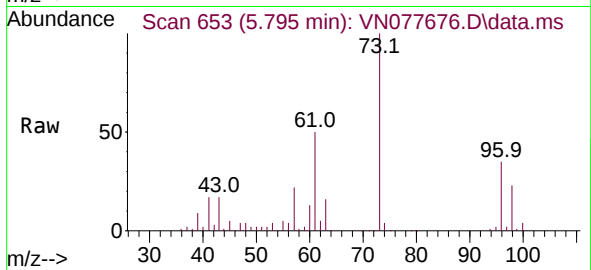
Tgt Ion: 84 Resp: 204729
Ion Ratio Lower Upper
84 100
49 114.1 79.7 119.5
51 35.5 25.2 37.8
86 59.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 38.668 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

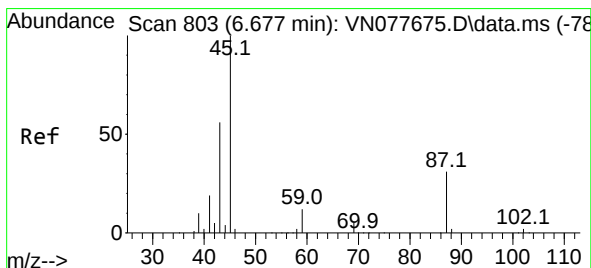
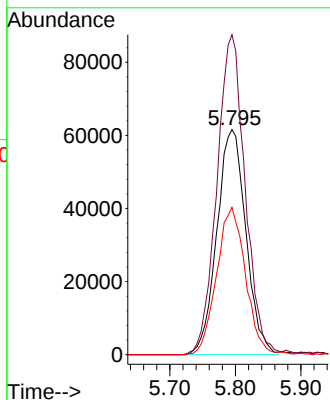
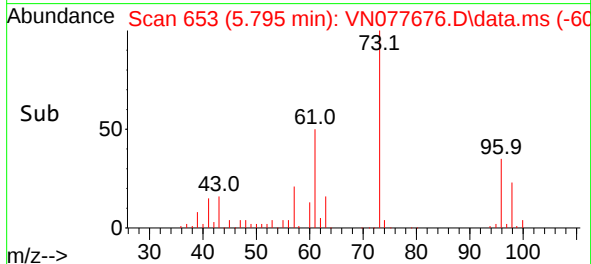
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 96 Resp: 189300
Ion Ratio Lower Upper
96 100
61 142.1 90.1 135.1
98 65.5 46.4 69.6

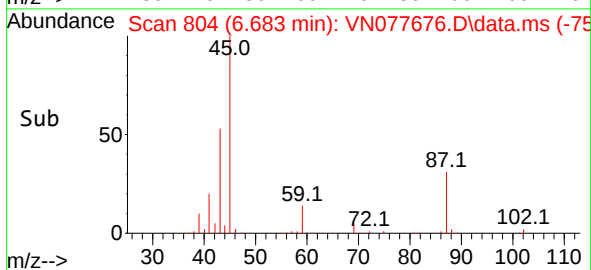
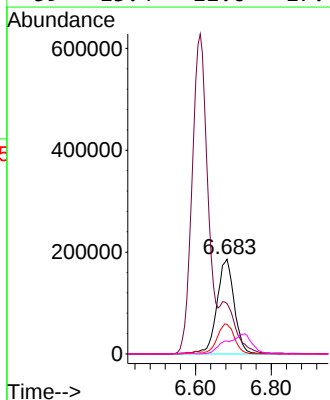
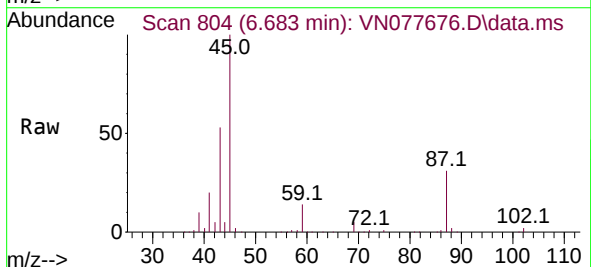
Manual Integrations
APPROVED

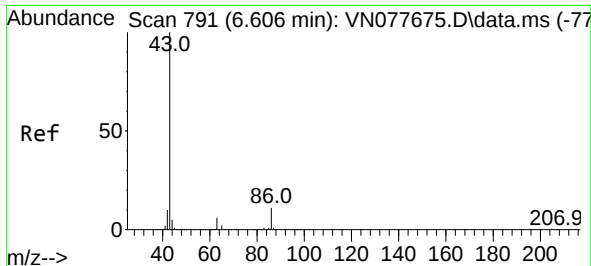
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 39.555 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

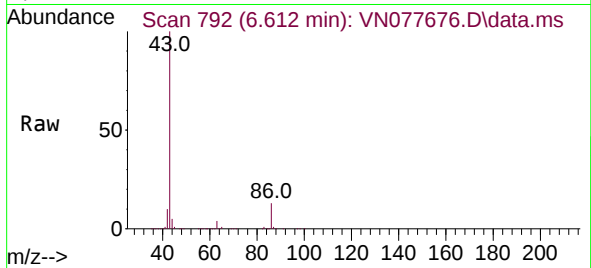
Tgt Ion: 45 Resp: 593594
Ion Ratio Lower Upper
45 100
43 52.3 45.5 68.3
87 31.1 31.8 47.8
59 13.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 194.865 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

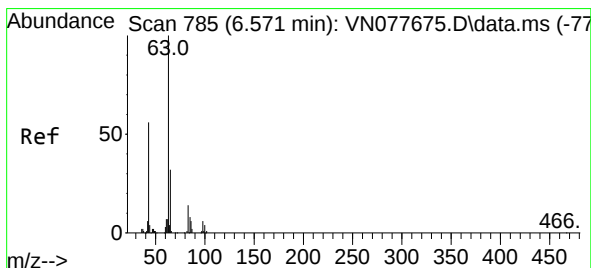
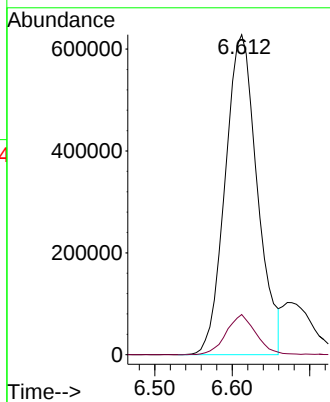
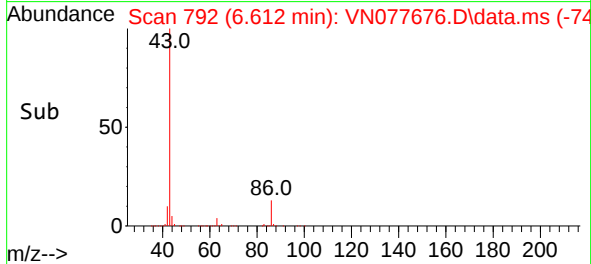
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040



Tgt Ion: 43 Resp: 181183
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

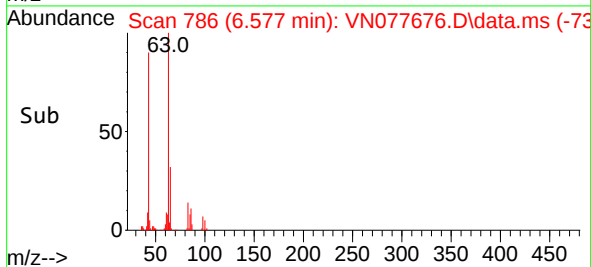
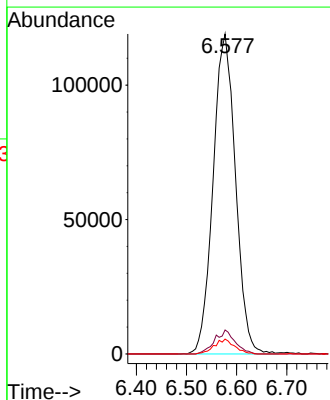
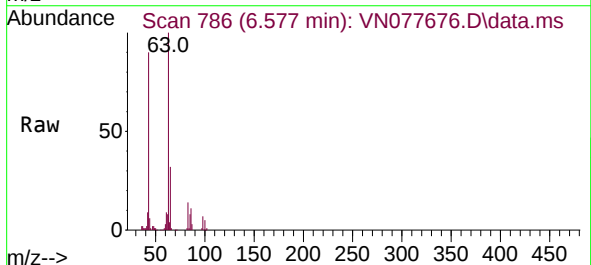
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#24
 1,1-Dichloroethane
 Concen: 40.224 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

Tgt Ion: 63 Resp: 369812
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.7 2.5 7.4





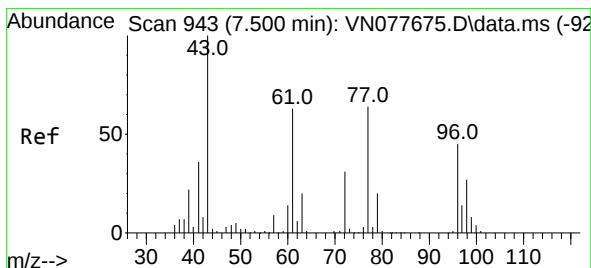
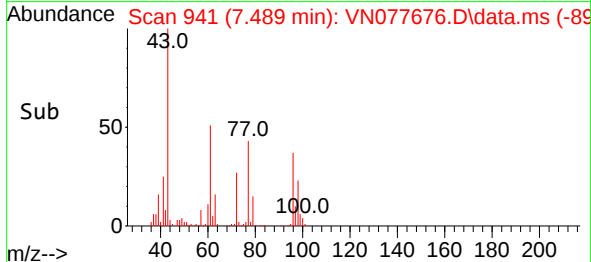
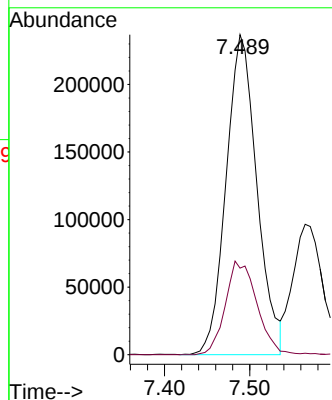
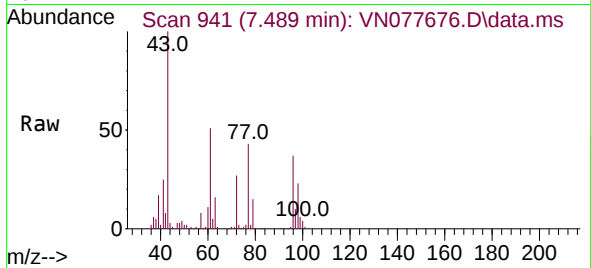
#25
2-Butanone
Concen: 195.265 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 43 Resp: 59581
Ion Ratio Lower Upper
43 100
72 27.0 30.2 45.2

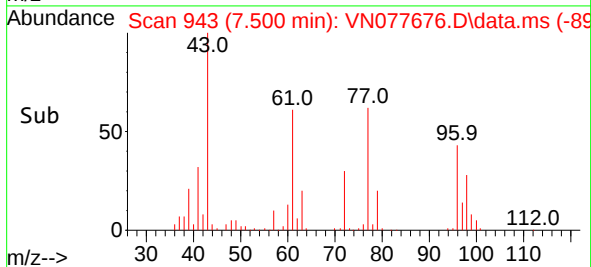
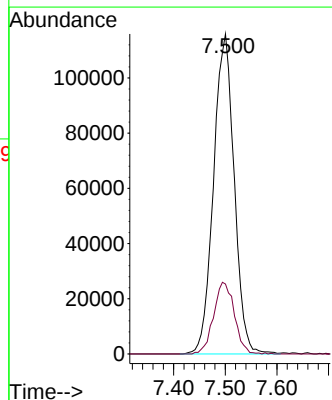
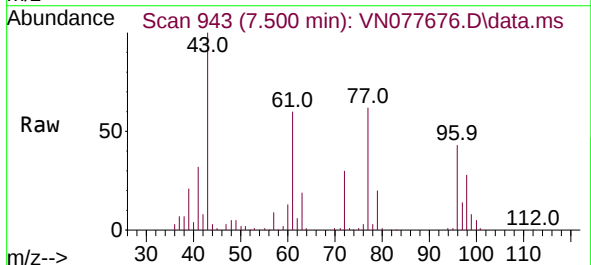
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
2,2-Dichloropropane
Concen: 41.198 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

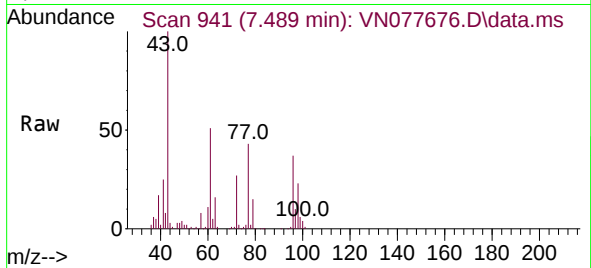
Tgt Ion: 77 Resp: 321788
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 39.814 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

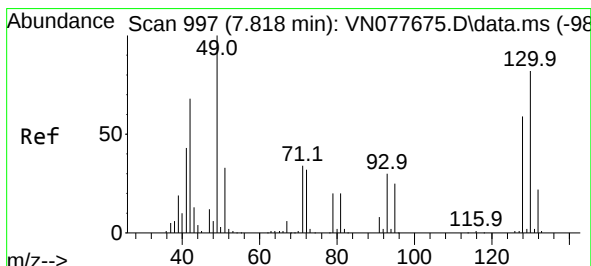
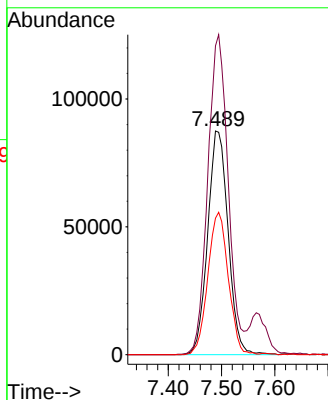
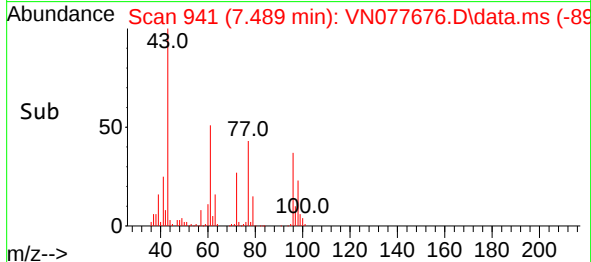
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040



Tgt Ion: 96 Resp: 233709
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 255.2
 98 63.6 0.0 128.8

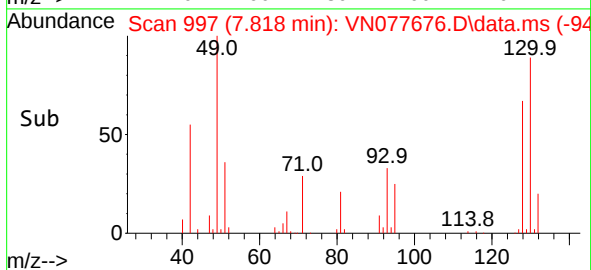
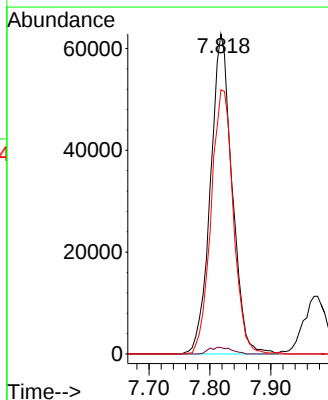
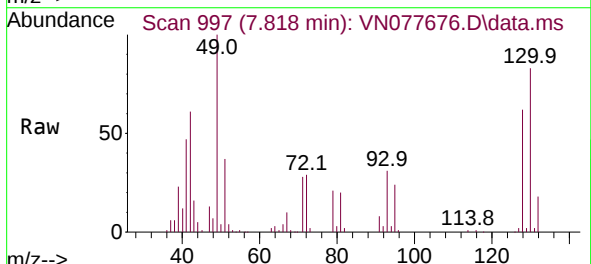
Manual Integrations
 APPROVED

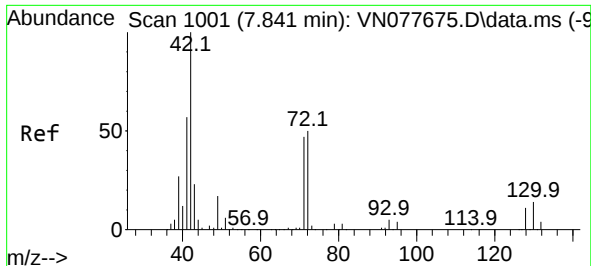
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#28
 Bromochloromethane
 Concen: 39.008 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

Tgt Ion: 49 Resp: 155101
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 84.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 195.830 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077676.D

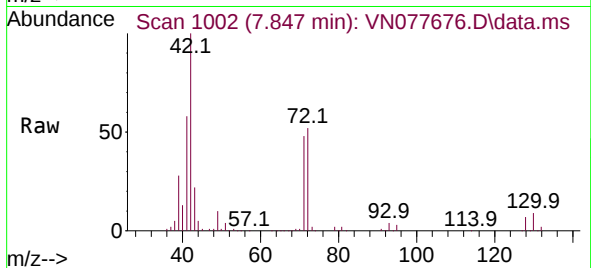
Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC040



Tgt Ion: 42 Resp: 391268

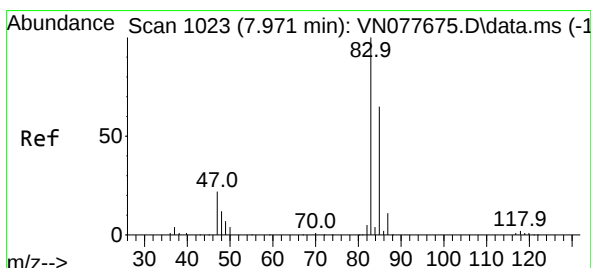
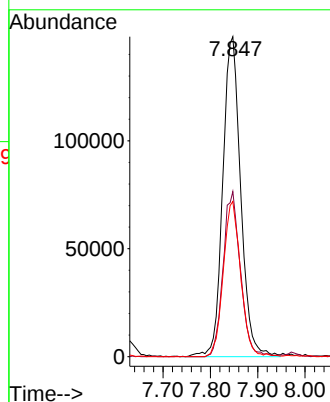
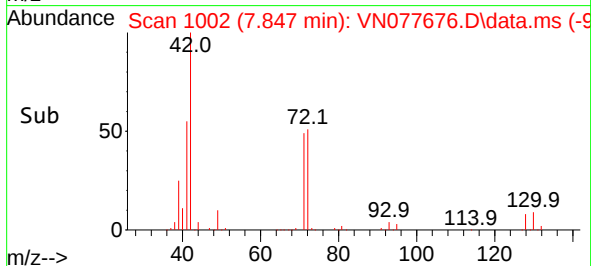
Ion	Ratio	Lower	Upper
42	100		
72	49.5	49.8	74.6
71	46.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Chloroform

Concen: 39.287 ug/l

RT: 7.971 min Scan# 1023

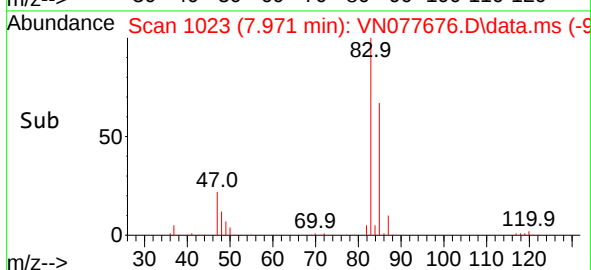
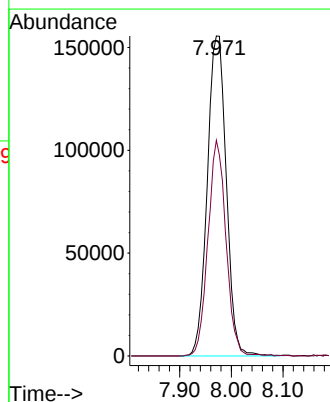
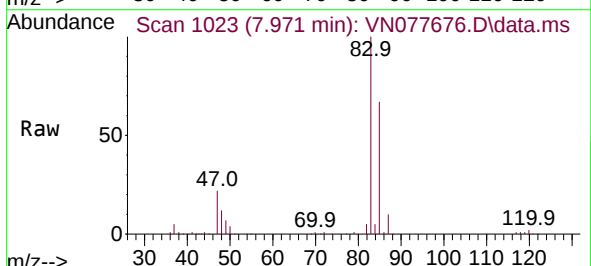
Delta R.T. -0.000 min

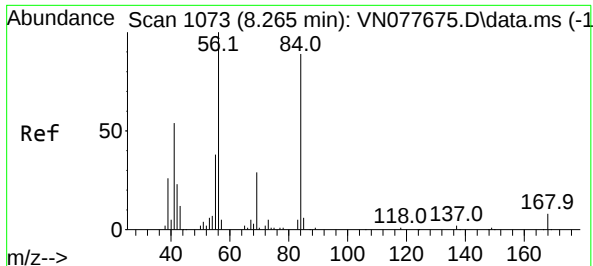
Lab File: VN077676.D

Acq: 15 May 2023 18:01

Tgt Ion: 83 Resp: 397331

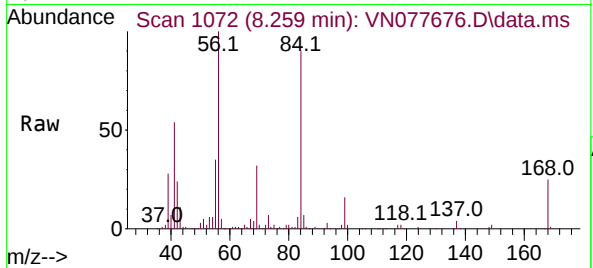
Ion	Ratio	Lower	Upper
83	100		
85	67.4	55.4	83.0





#31
Cyclohexane
Concen: 37.706 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

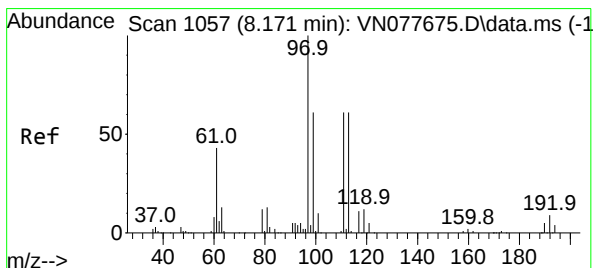
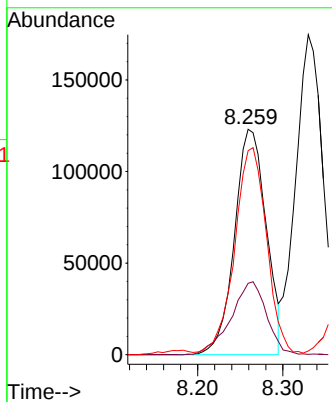
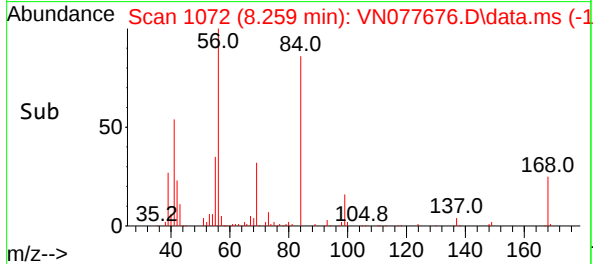
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



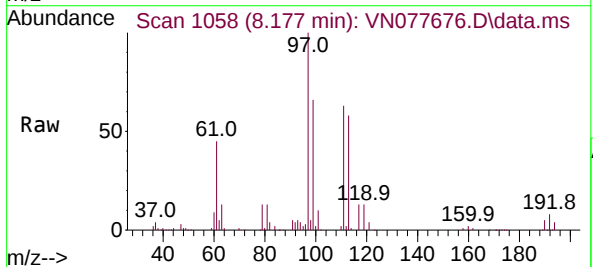
Tgt Ion: 56 Resp: 317730
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 88.7 81.8 122.6

Manual Integrations
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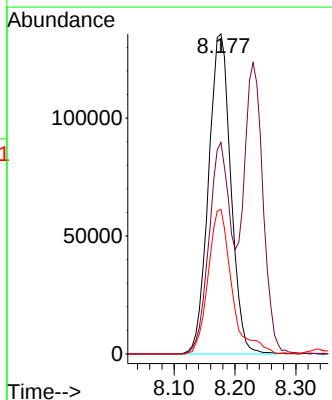
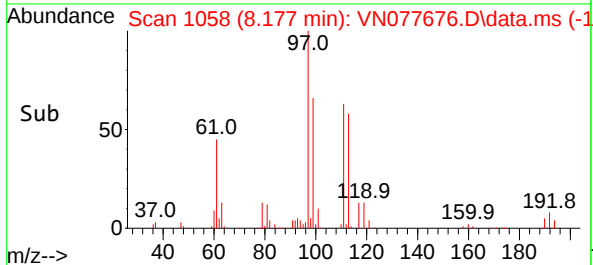
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

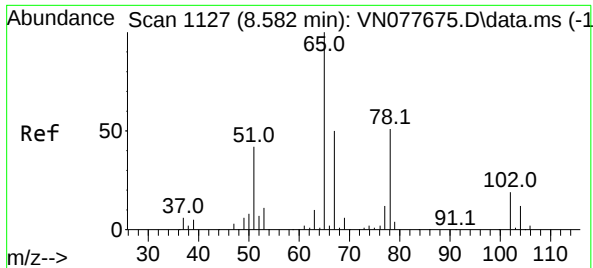


#32
1,1,1-Trichloroethane
Concen: 40.147 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



Tgt Ion: 97 Resp: 345207
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 48.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 39.572 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 65 Resp: 245344

Ion Ratio Lower Upper

65 100

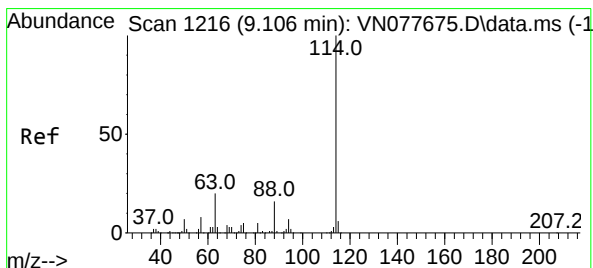
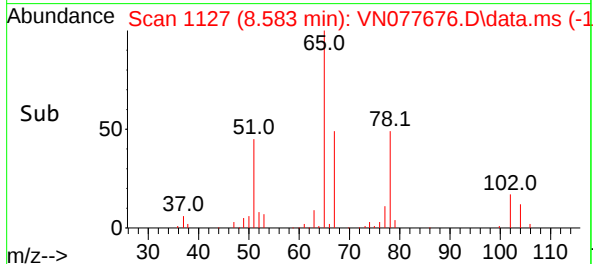
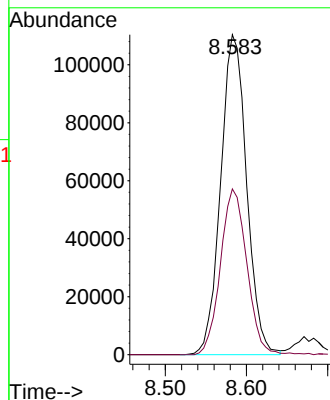
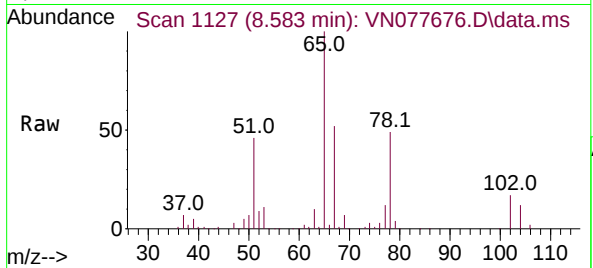
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

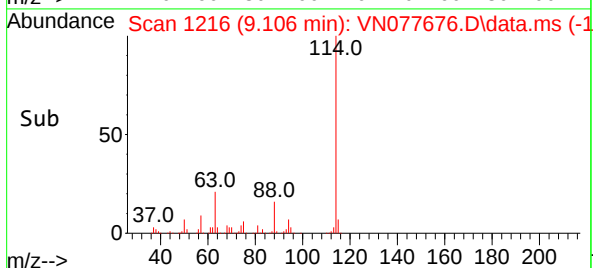
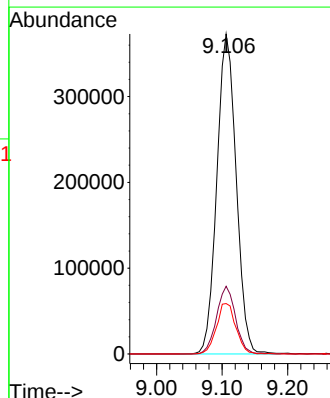
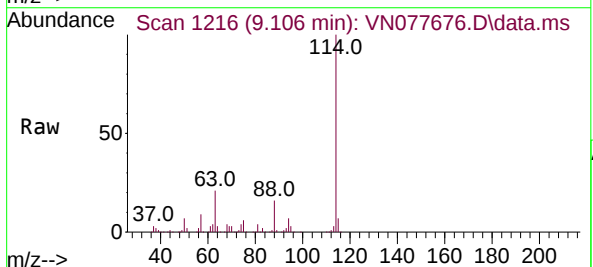
Tgt Ion:114 Resp: 761915

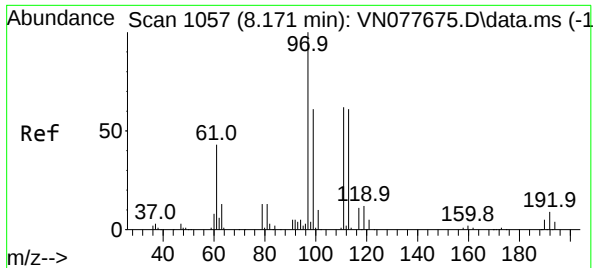
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 39.674 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC040

Tgt Ion: 113 Resp: 197114

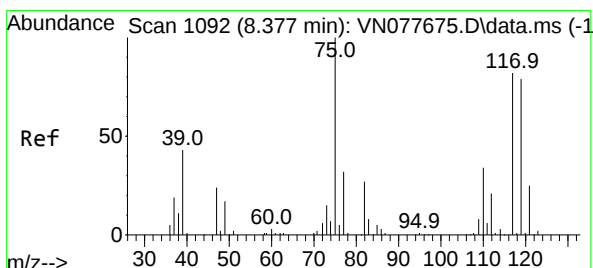
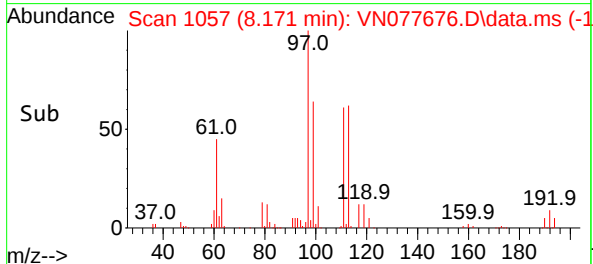
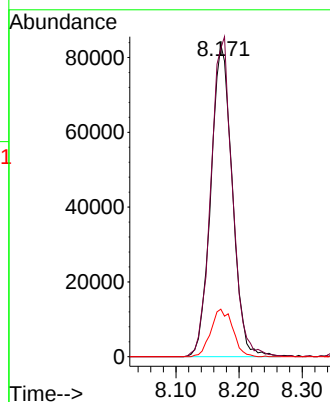
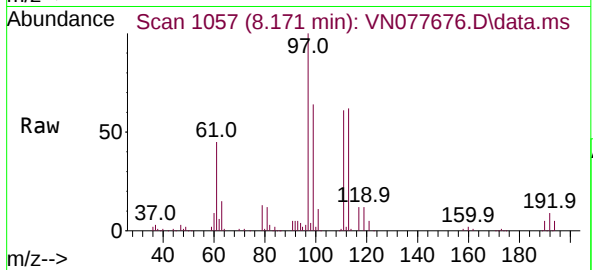
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	15.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#36

1,1-Dichloropropene

Concen: 40.067 ug/l

RT: 8.377 min Scan# 1092

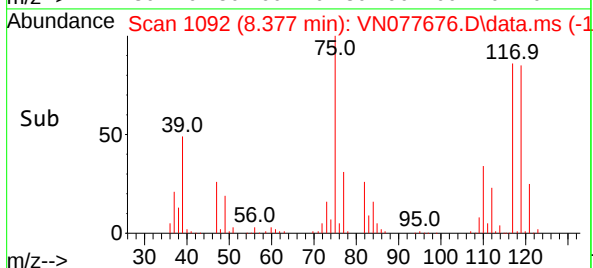
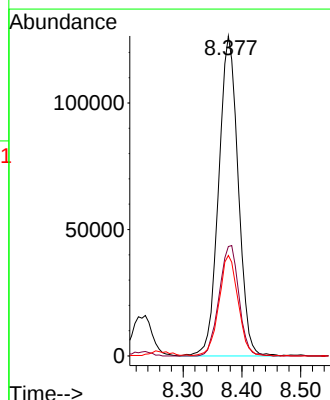
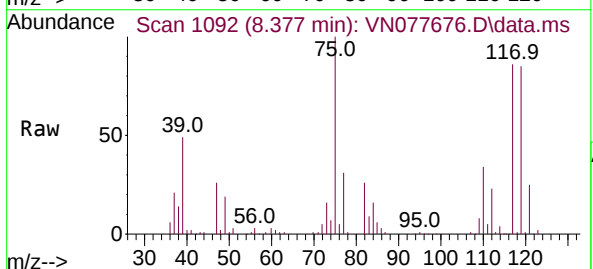
Delta R.T. -0.000 min

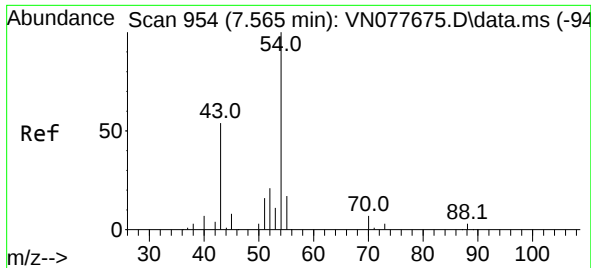
Lab File: VN077676.D

Acq: 15 May 2023 18:01

Tgt Ion: 75 Resp: 291165

Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.3
77	31.0	25.0	37.4





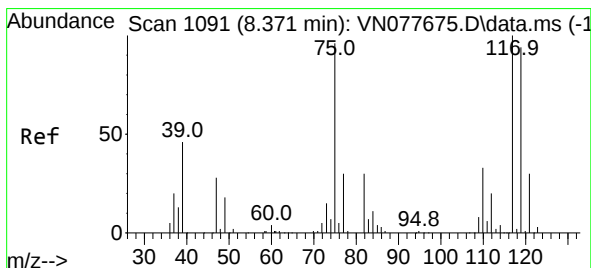
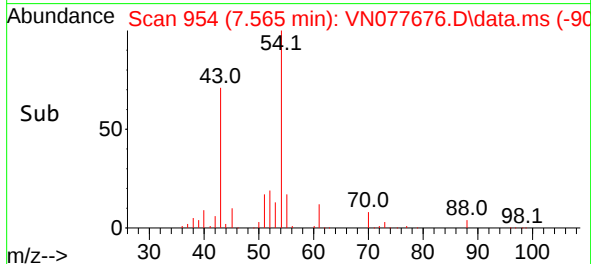
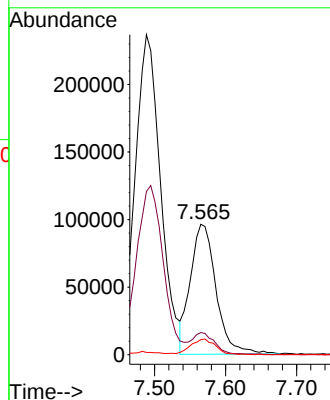
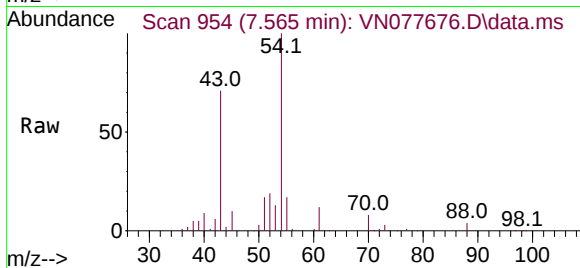
#37
Ethyl Acetate
Concen: 37.440 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 43 Resp: 24250
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 11.9 11.3 16.9

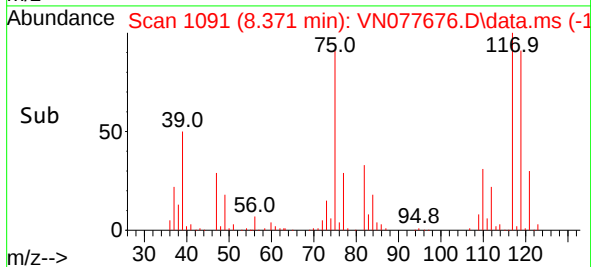
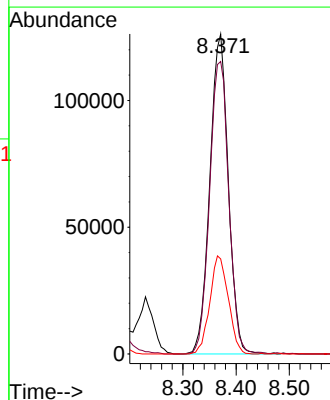
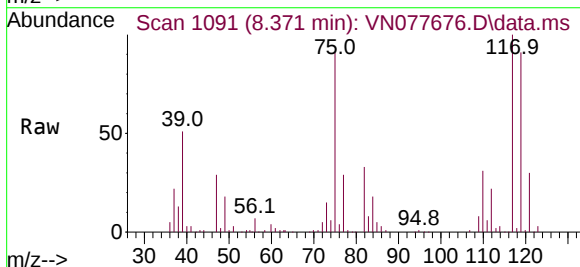
Manual Integrations
APPROVED

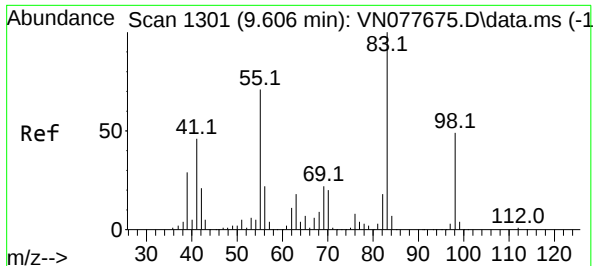
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#38
Carbon Tetrachloride
Concen: 41.353 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:117 Resp: 303453
Ion Ratio Lower Upper
117 100
119 91.4 77.3 115.9
121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 40.317 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

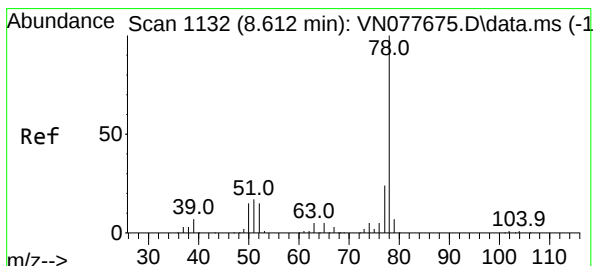
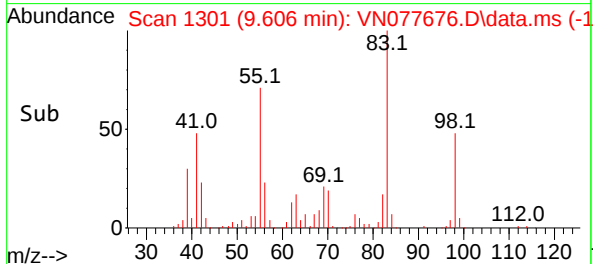
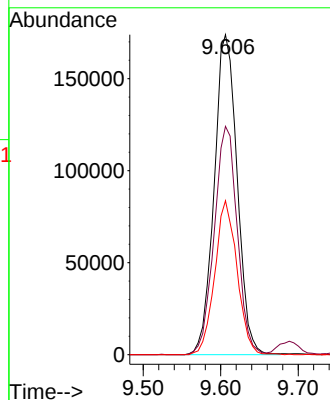
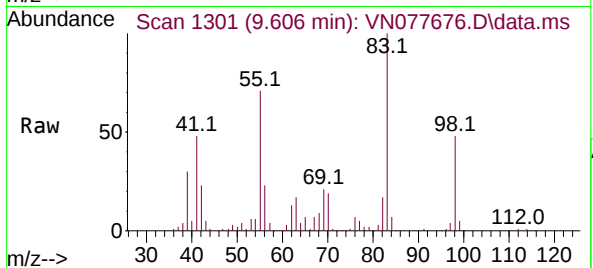
ClientSampleId :

VSTDICC040

Tgt Ion: 83 Resp: 358684
 Ion Ratio Lower Upper
 83 100
 55 71.4 49.1 73.7
 98 48.1 40.6 61.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#40

Benzene

Concen: 40.341 ug/l

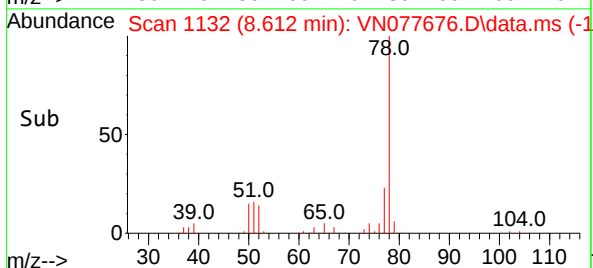
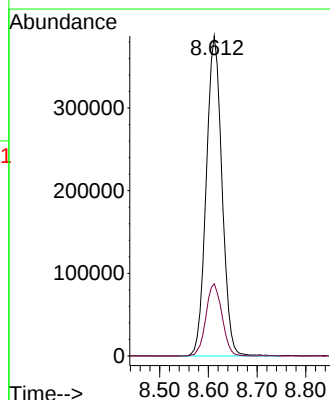
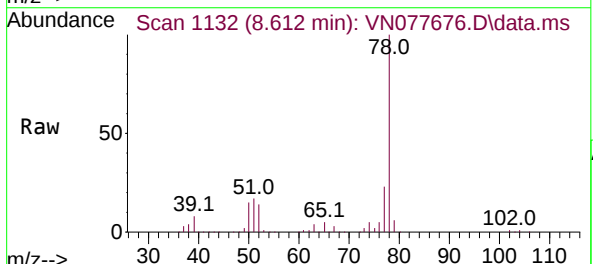
RT: 8.612 min Scan# 1132

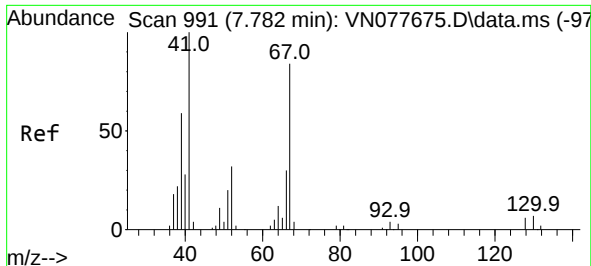
Delta R.T. 0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

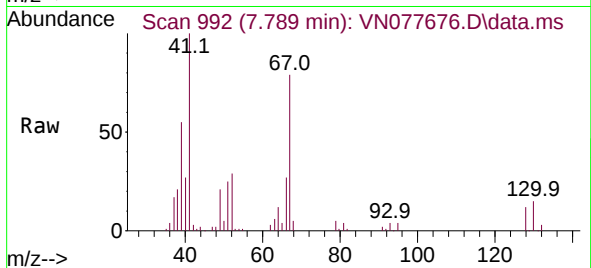
Tgt Ion: 78 Resp: 865098
 Ion Ratio Lower Upper
 78 100
 77 22.6 19.0 28.6





#41
Methacrylonitrile
Concen: 39.269 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

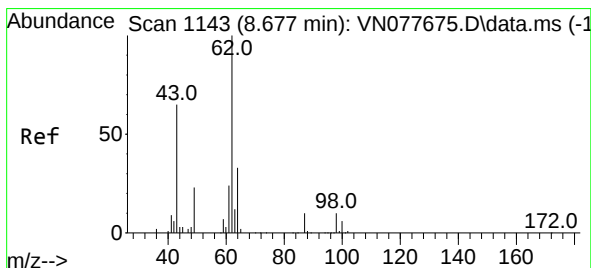
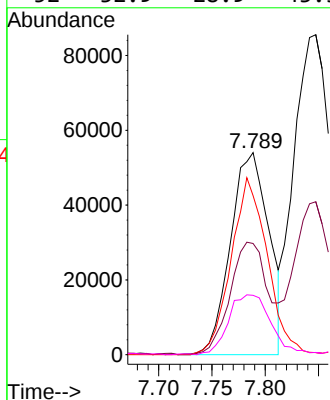
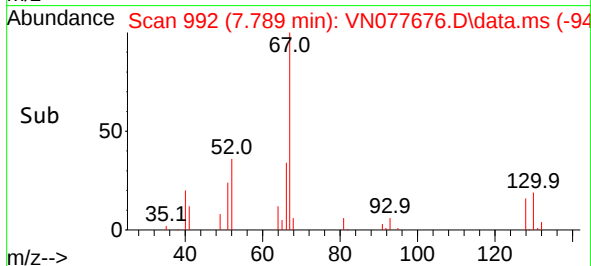
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 41 Resp: 13545
Ion Ratio Lower Upper
41 100
39 55.4 42.6 64.0
67 82.7 77.5 116.3
52 32.9 28.9 43.3

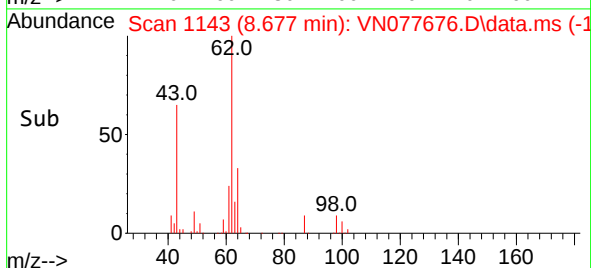
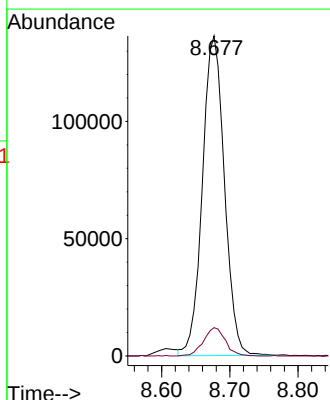
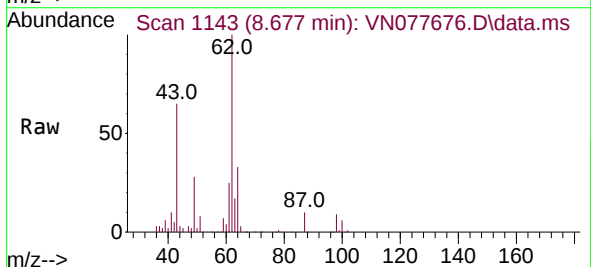
Manual Integrations
APPROVED

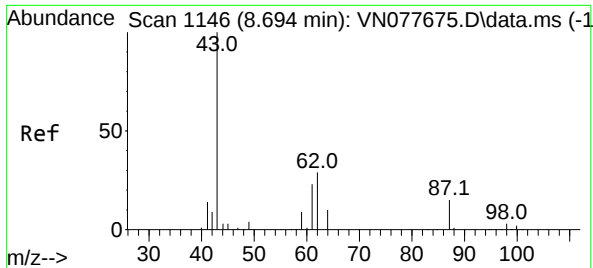
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#42
1,2-Dichloroethane
Concen: 39.307 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion: 62 Resp: 306201
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





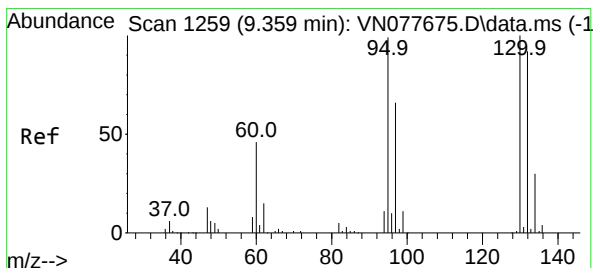
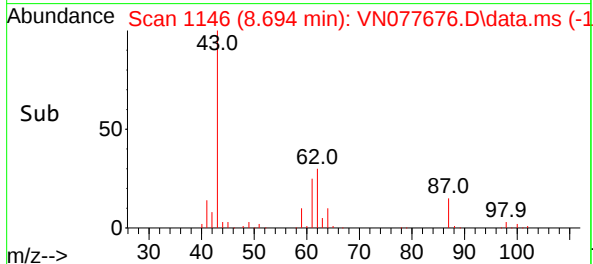
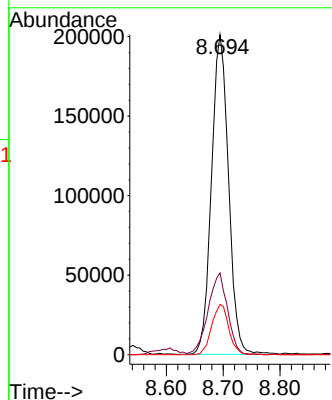
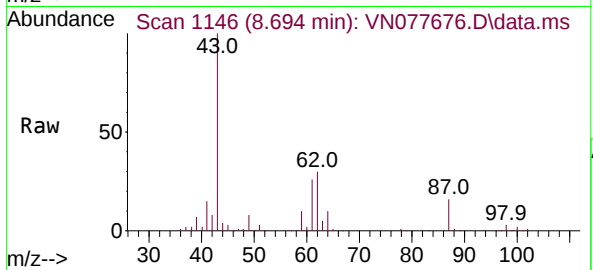
#43
Isopropyl Acetate
Concen: 39.574 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 43 Resp: 418684
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 15.7 14.6 21.8

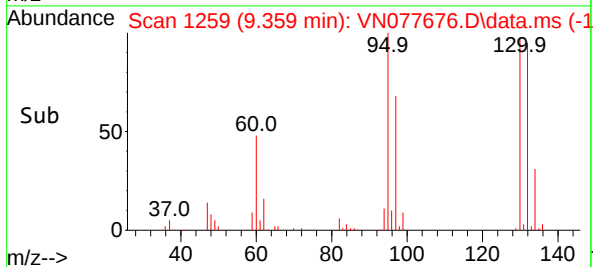
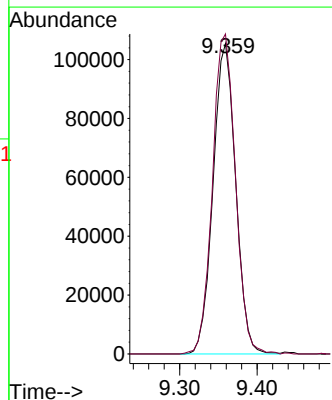
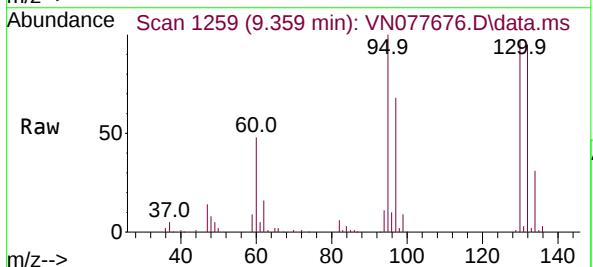
Manual Integrations
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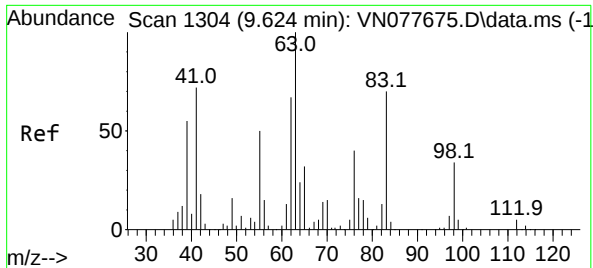
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#44
Trichloroethene
Concen: 39.320 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:130 Resp: 213507
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 40.053 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC040

Tgt Ion: 63 Resp: 21908

Ion Ratio Lower Upper

63 100

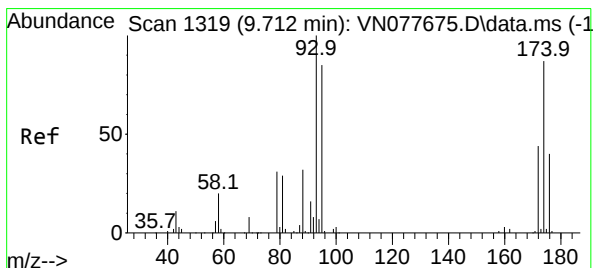
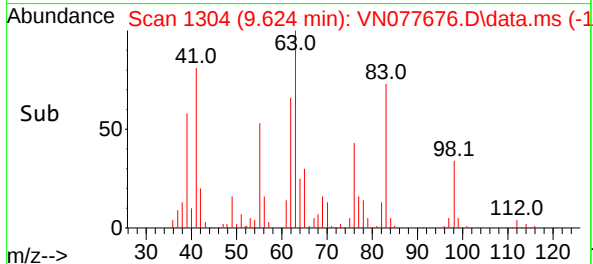
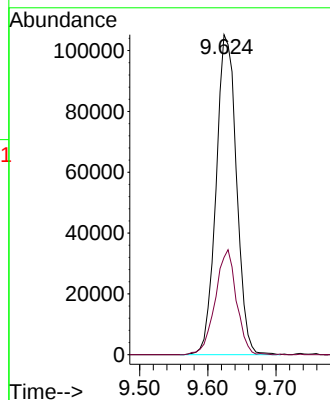
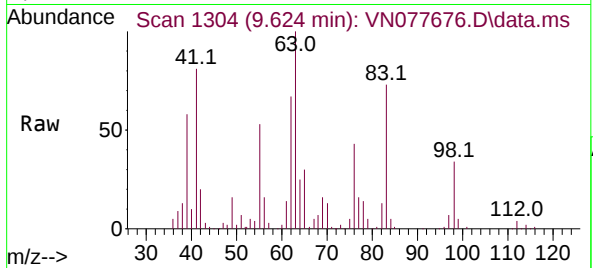
65 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#46

Dibromomethane

Concen: 39.264 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

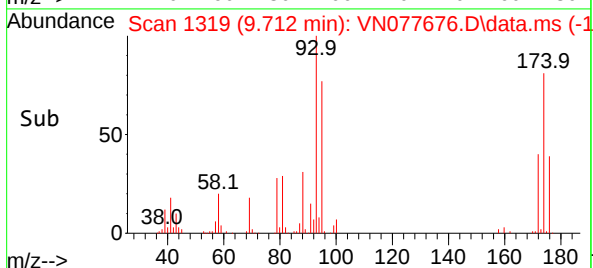
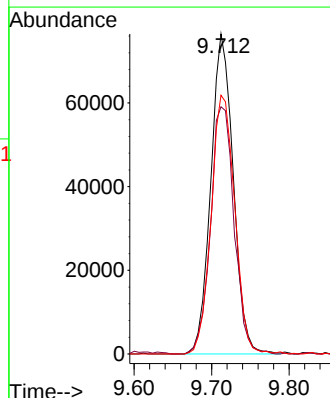
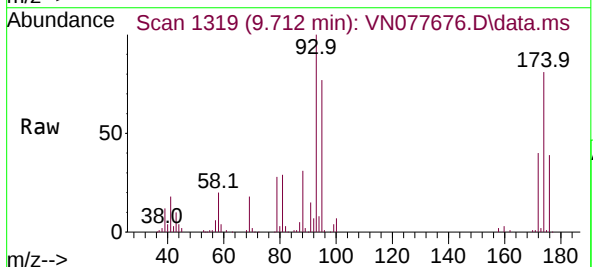
Tgt Ion: 93 Resp: 153683

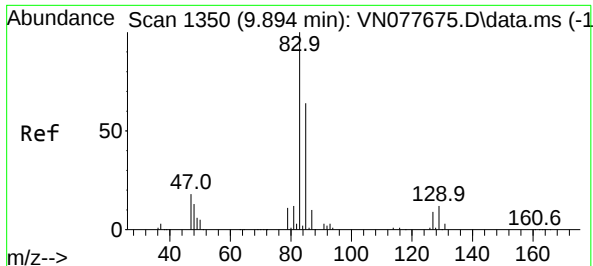
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

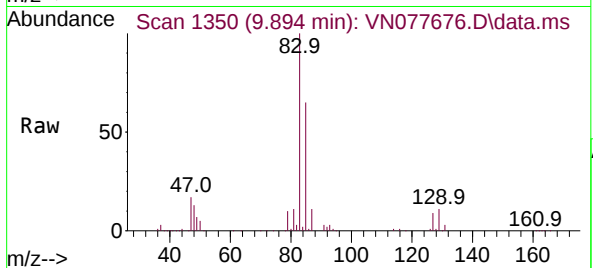
174 85.3 65.6 98.4





#47
Bromodichloromethane
Concen: 40.705 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

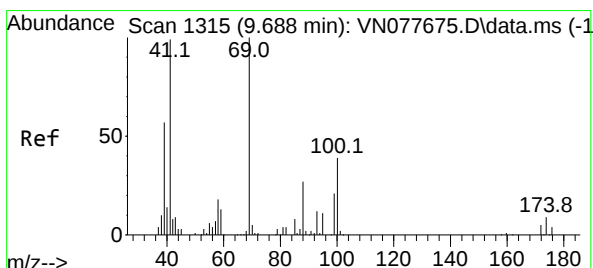
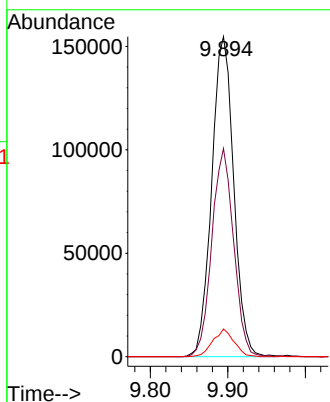
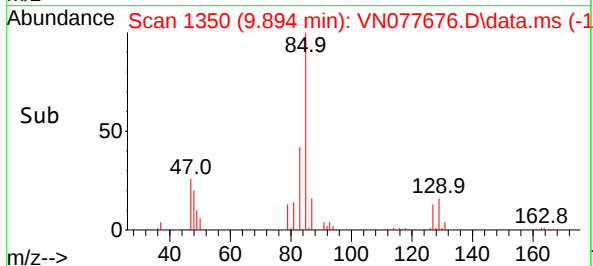
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



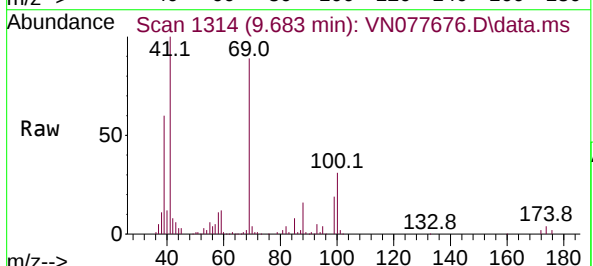
Tgt Ion: 83 Resp: 30502
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 8.7 7.0 10.6

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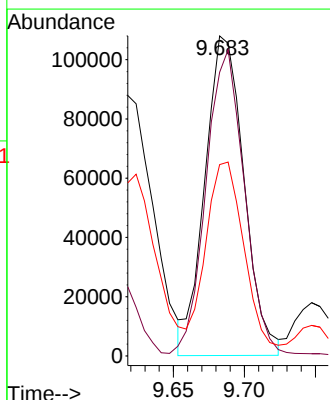
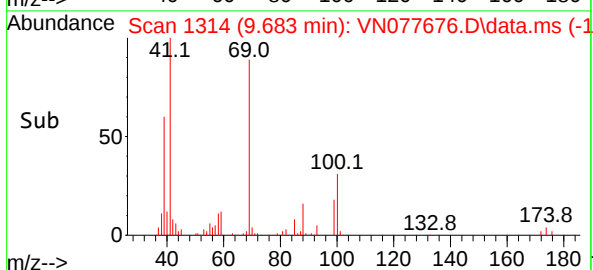
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

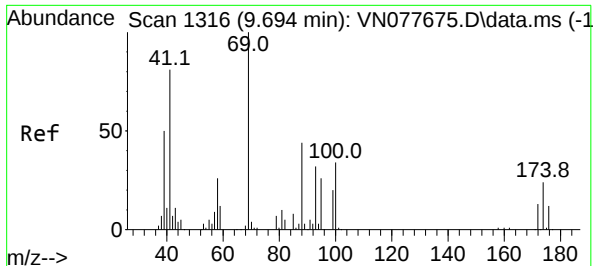


#48
Methyl methacrylate
Concen: 41.242 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



Tgt Ion: 41 Resp: 206870
Ion Ratio Lower Upper
41 100
69 93.7 90.4 135.6
39 60.2 54.6 81.8





#49

1,4-Dioxane

Concen: 801.723 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 88 Resp: 7596

Ion Ratio Lower Upper

88 100

43 27.2 17.0 25.6

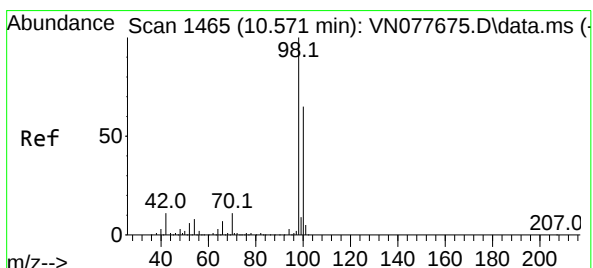
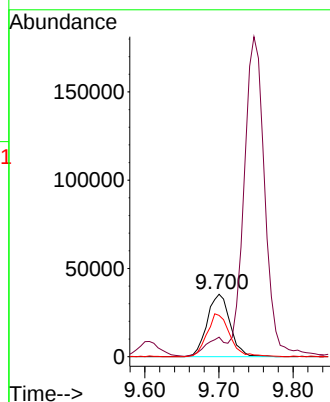
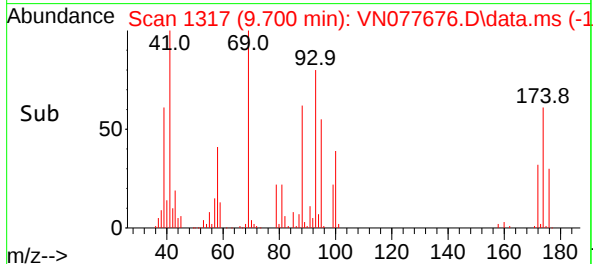
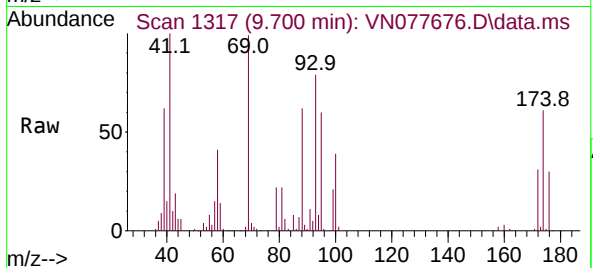
58 68.2 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#50

Toluene-d8

Concen: 40.054 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077676.D

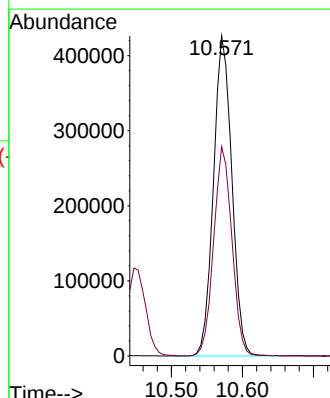
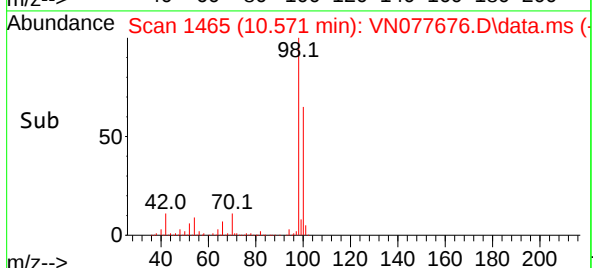
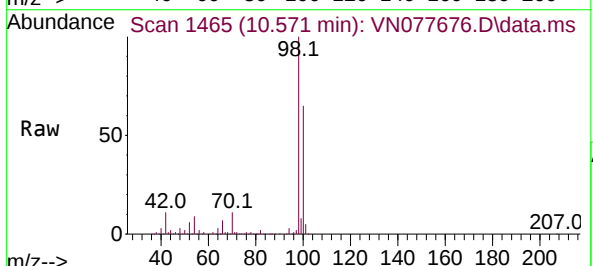
Acq: 15 May 2023 18:01

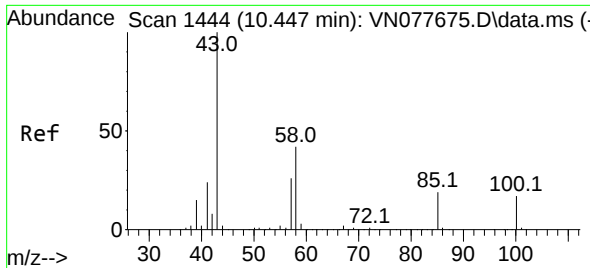
Tgt Ion: 98 Resp: 765980

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





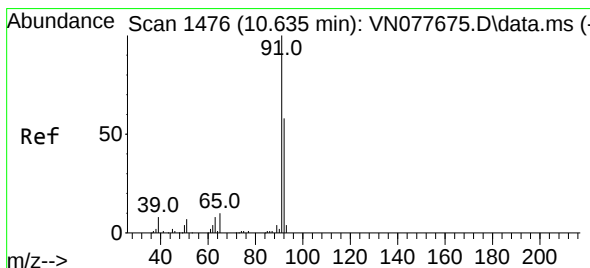
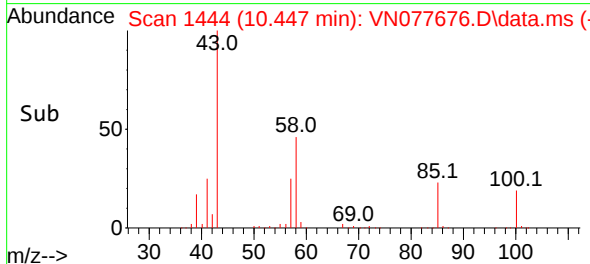
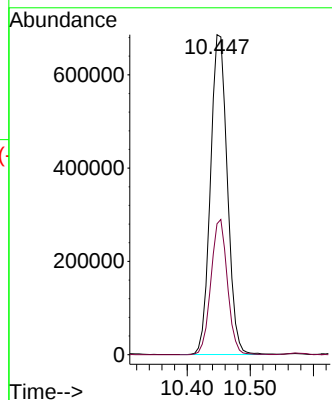
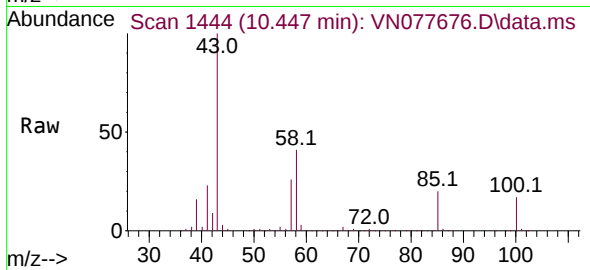
#51
4-Methyl-2-Pentanone
Concen: 202.495 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 43 Resp: 127343
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8

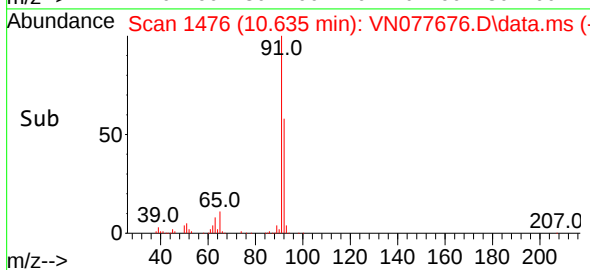
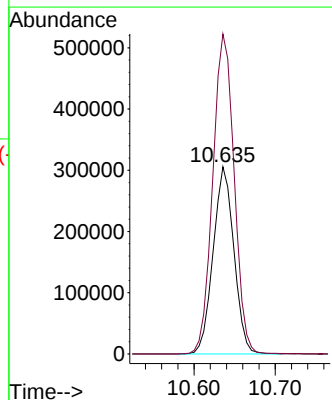
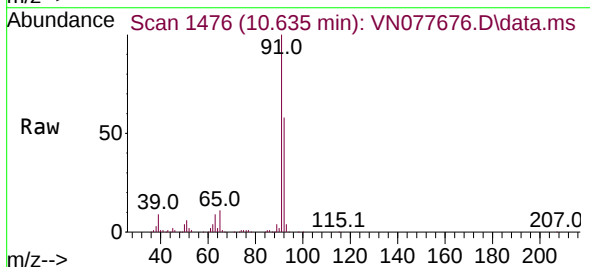
Manual Integrations
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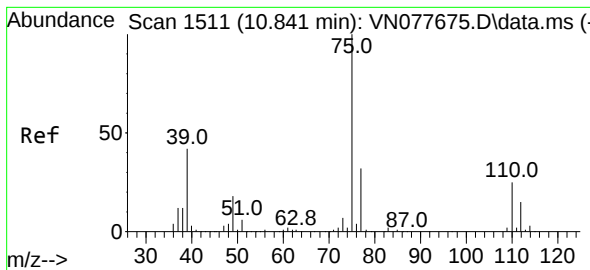
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Toluene
Concen: 40.746 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

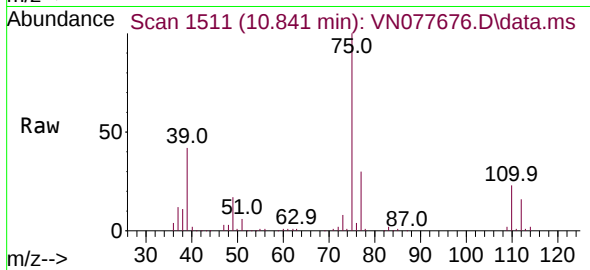
Tgt Ion: 92 Resp: 543978
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 41.489 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

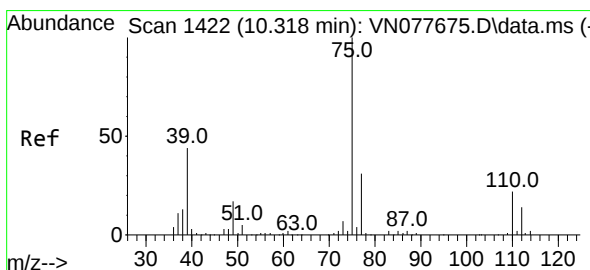
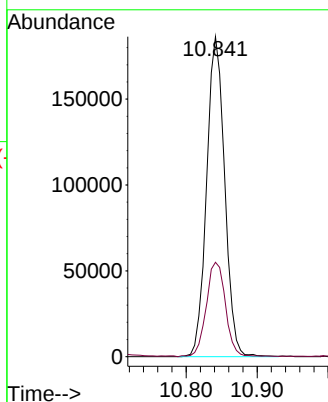
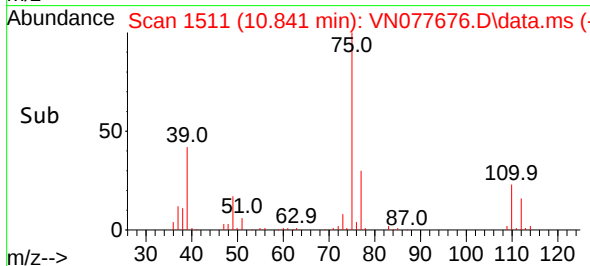
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC040



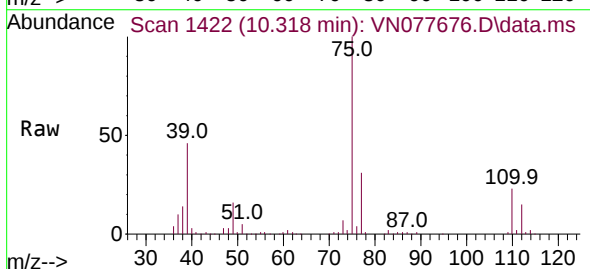
Tgt Ion: 75 Resp: 329236
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0

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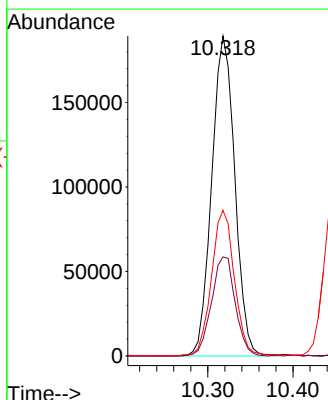
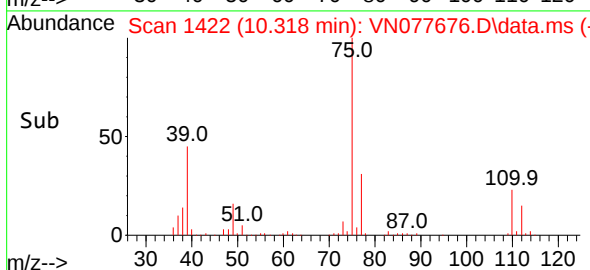
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

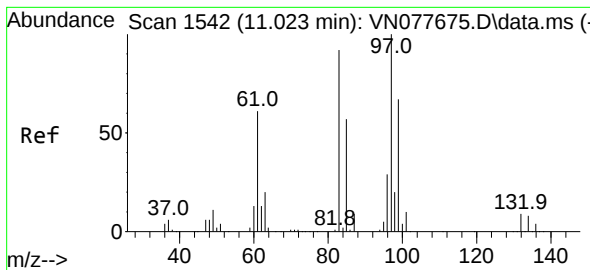


#54
 cis-1,3-Dichloropropene
 Concen: 40.695 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01



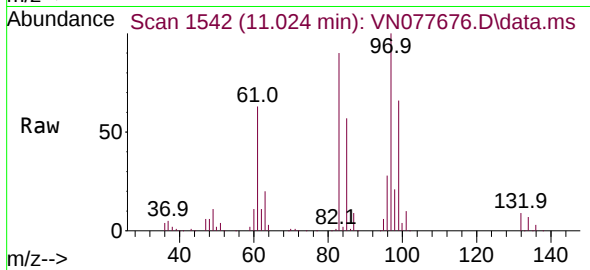
Tgt Ion: 75 Resp: 355872
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.1 39.1
 39 45.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 39.739 ug/l
RT: 11.024 min Scan# 11024
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

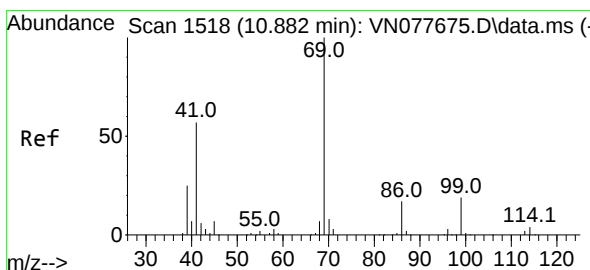
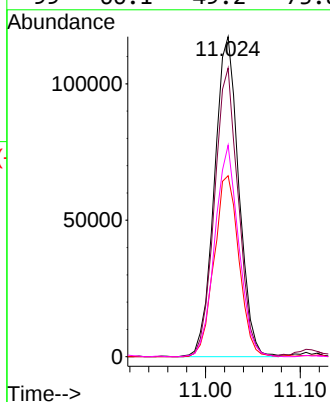
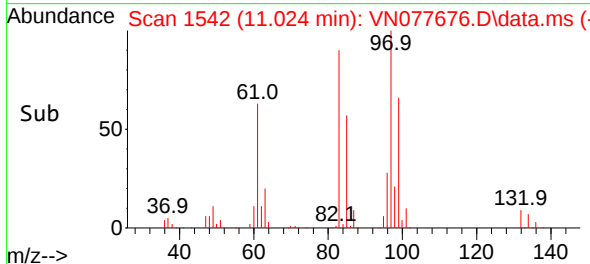
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



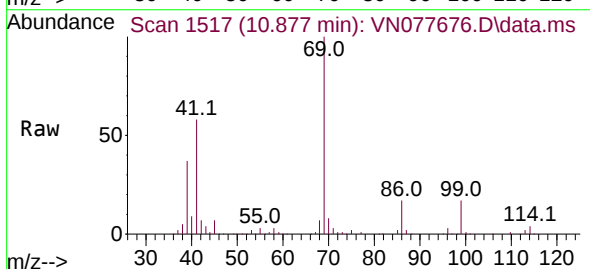
Tgt Ion: 97 Resp: 210654
Ion Ratio Lower Upper
97 100
83 90.2 65.1 97.7
85 56.6 43.4 65.2
99 66.1 49.2 73.8

Manual Integrations
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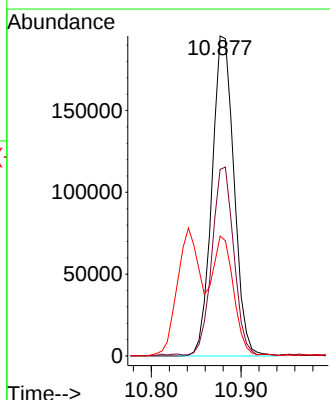
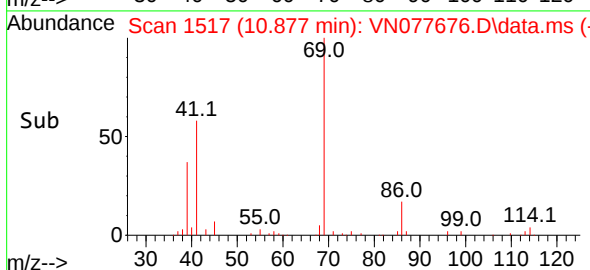
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

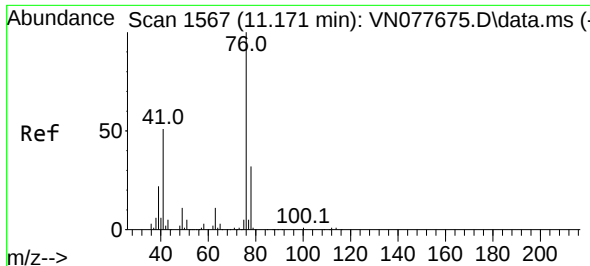


#56
Ethyl methacrylate
Concen: 41.659 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



Tgt Ion: 69 Resp: 333898
Ion Ratio Lower Upper
69 100
41 58.4 39.6 59.4
39 36.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 40.072 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 76 Resp: 36415

Ion Ratio Lower Upper

76 100

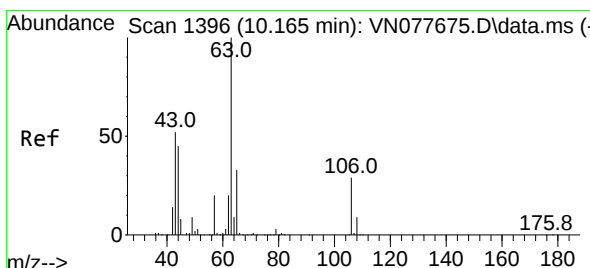
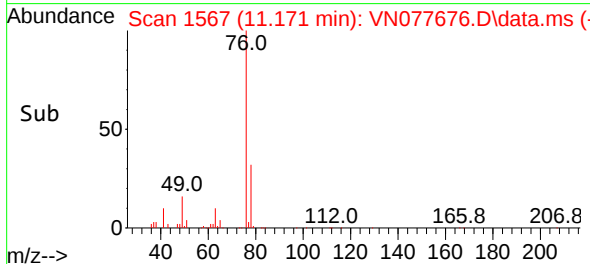
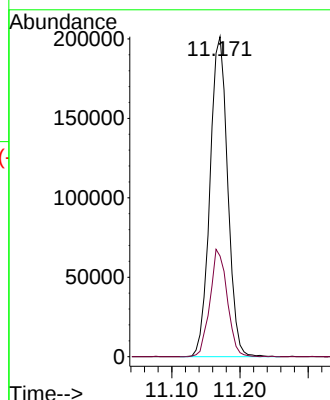
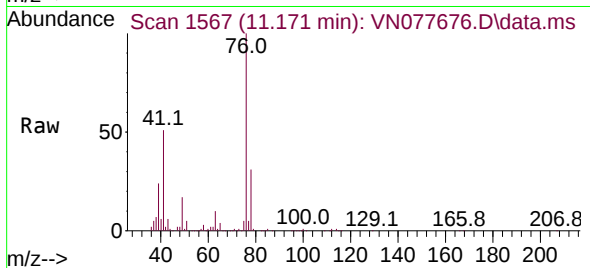
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 210.797 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077676.D

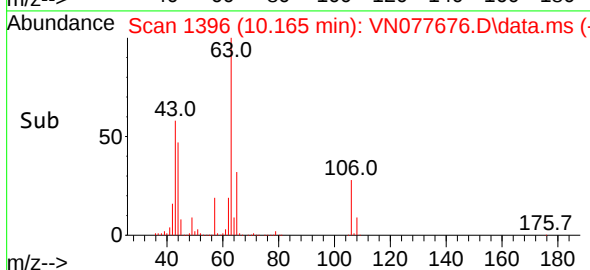
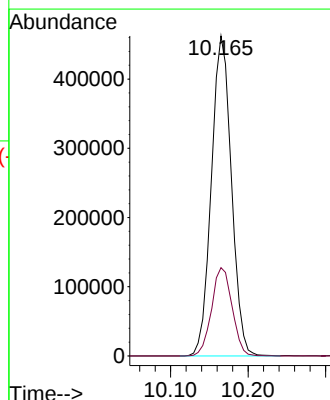
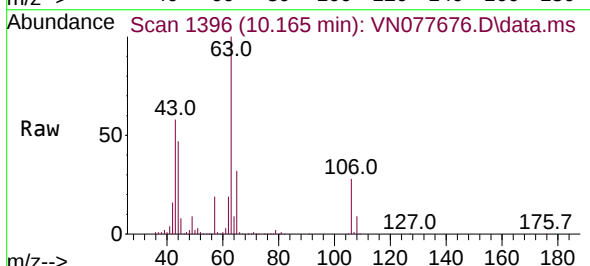
Acq: 15 May 2023 18:01

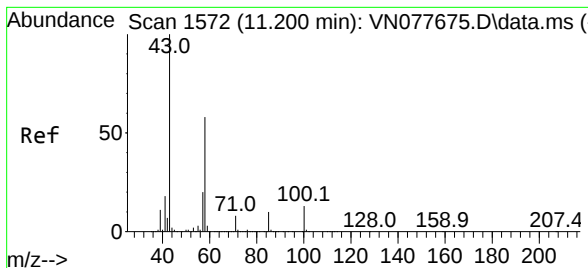
Tgt Ion: 63 Resp: 831181

Ion Ratio Lower Upper

63 100

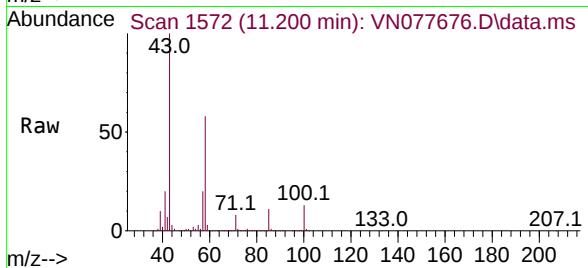
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 202.261 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

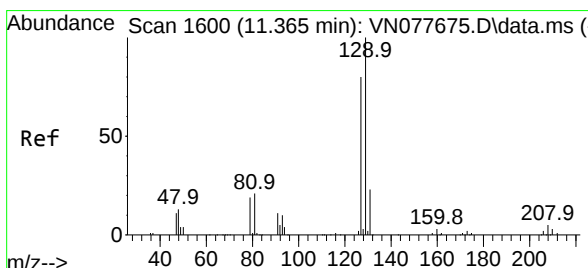
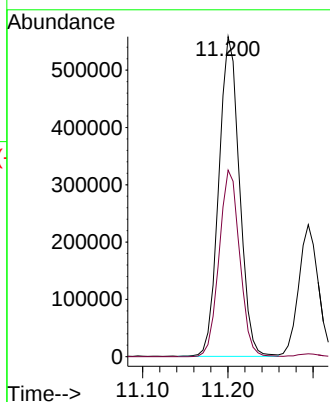
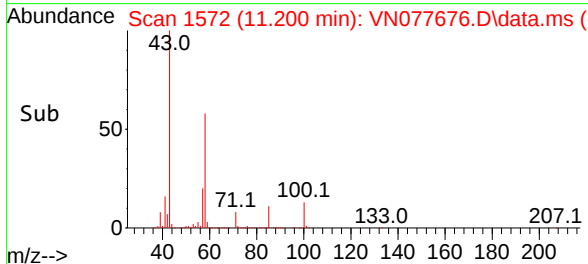
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 43 Resp: 94082
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

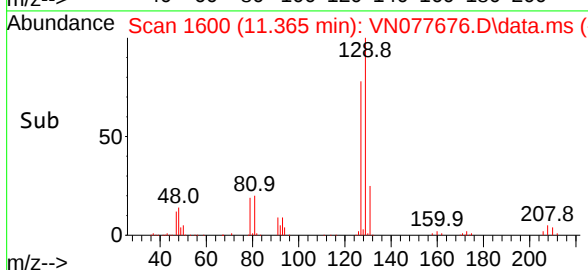
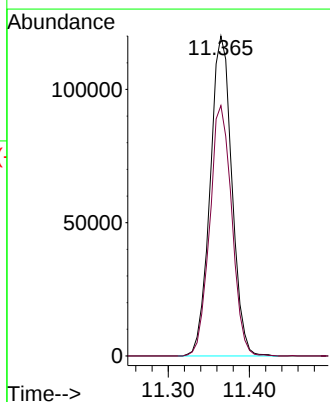
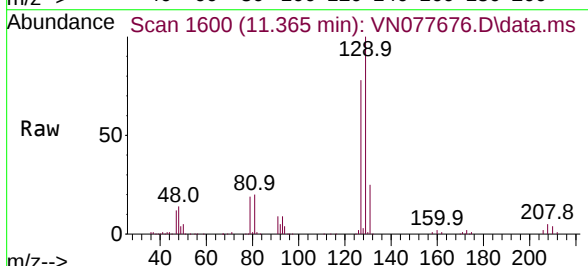
Manual Integrations
APPROVED

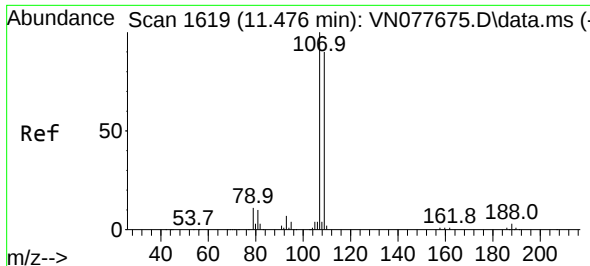
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#60
Dibromochloromethane
Concen: 40.882 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

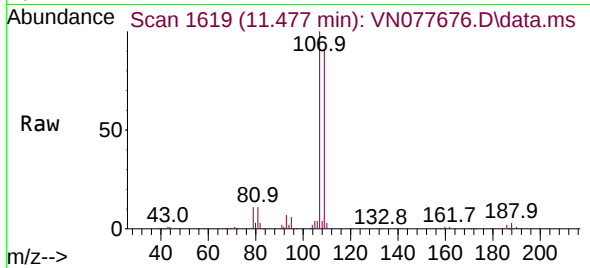
Tgt Ion:129 Resp: 223724
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 41.539 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

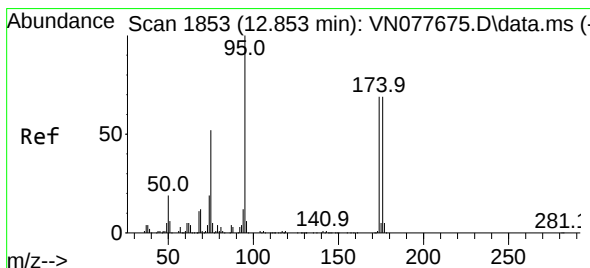
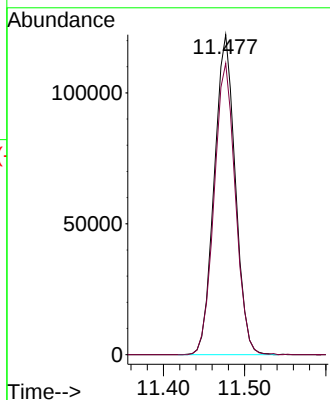
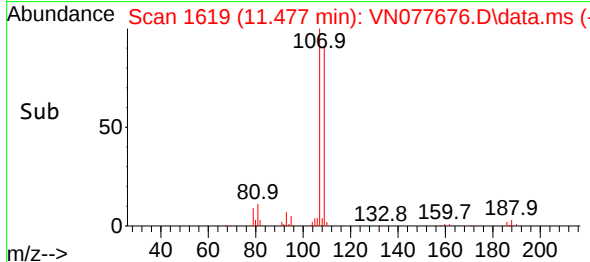
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



Tgt Ion:107 Resp: 219670
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8

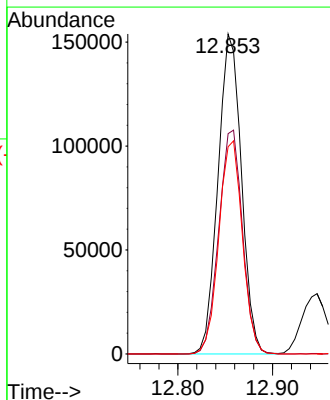
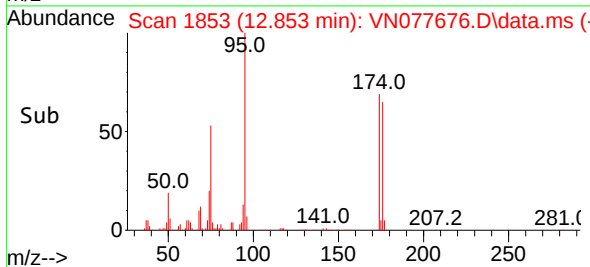
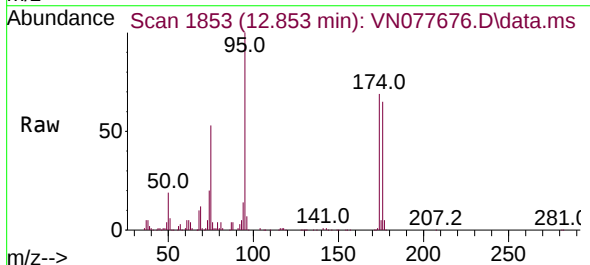
Manual Integrations
APPROVED

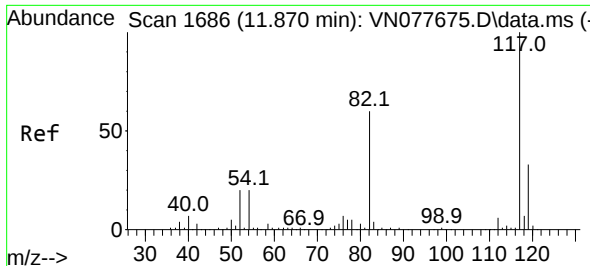
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#62
4-Bromofluorobenzene
Concen: 39.171 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

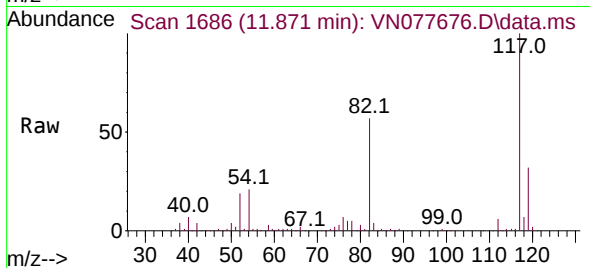
Tgt Ion: 95 Resp: 264566
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 67.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

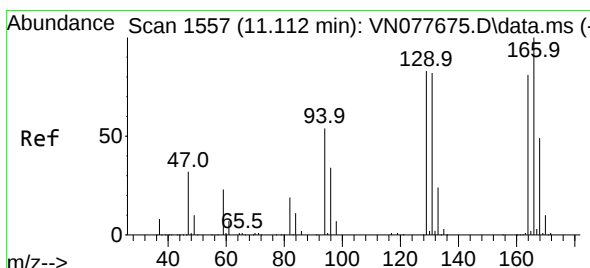
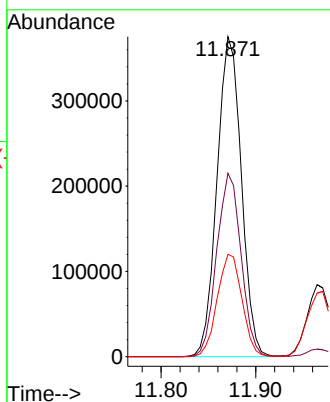
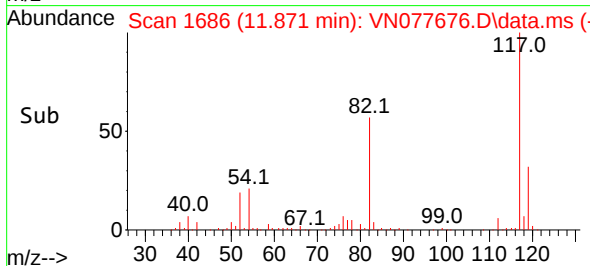
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:117 Resp: 67076
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.0 25.6 38.4

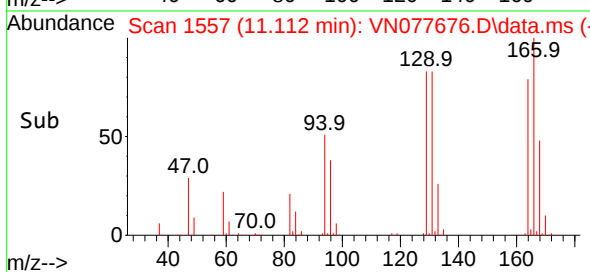
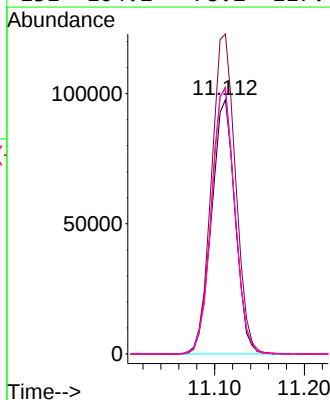
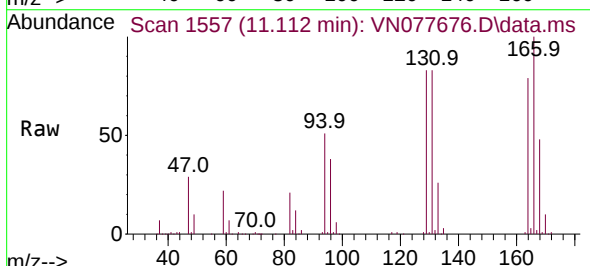
Manual Integrations
APPROVED

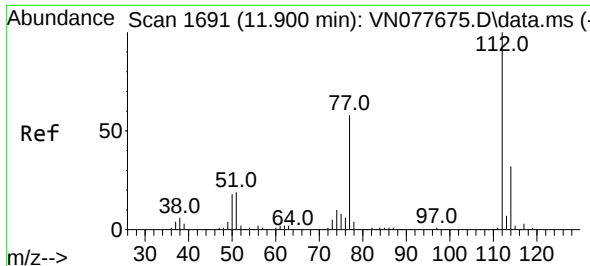
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#64
Tetrachloroethene
Concen: 37.656 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

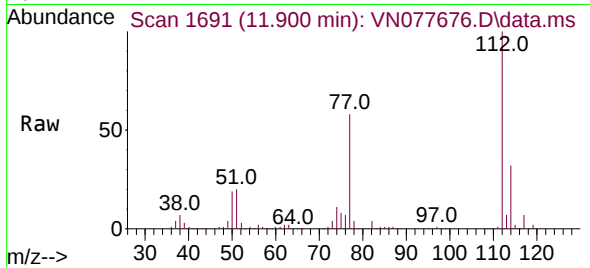
Tgt Ion:164 Resp: 176636
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 105.0 82.4 123.6
131 104.2 78.2 117.4





#65
Chlorobenzene
Concen: 39.661 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

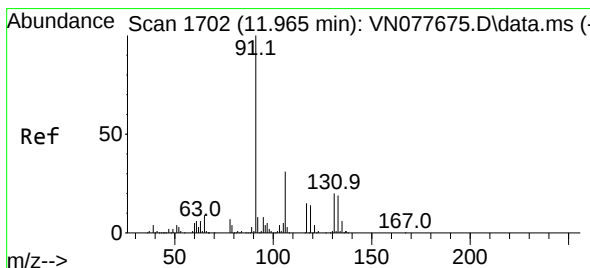
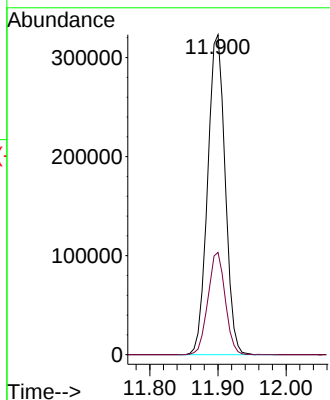
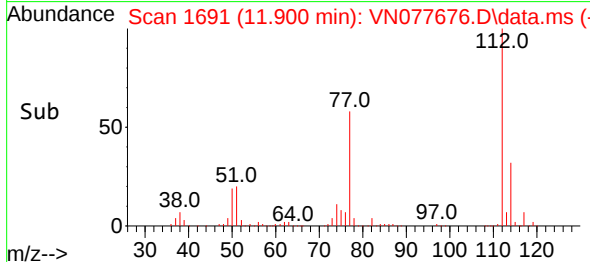
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



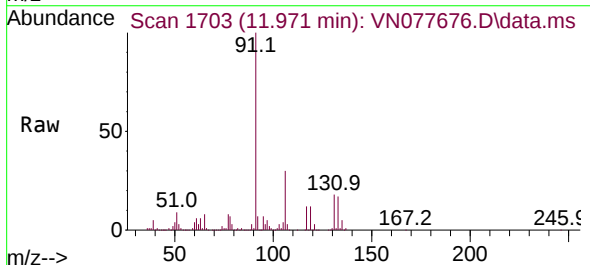
Tgt Ion:112 Resp: 57672
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

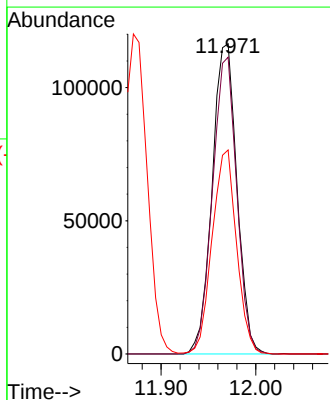
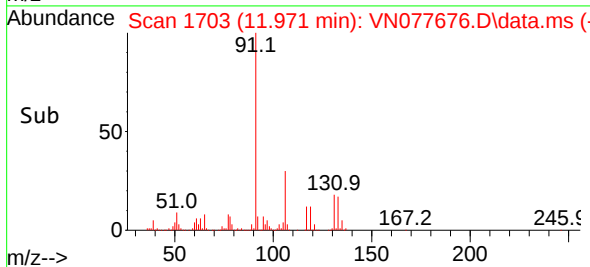
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

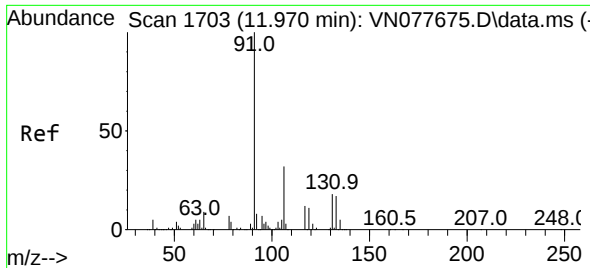


#66
1,1,1,2-Tetrachloroethane
Concen: 42.040 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



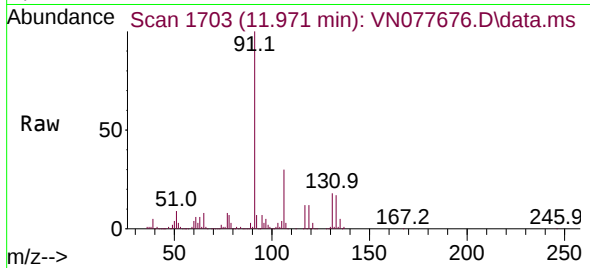
Tgt Ion:131 Resp: 211522
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 40.399 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

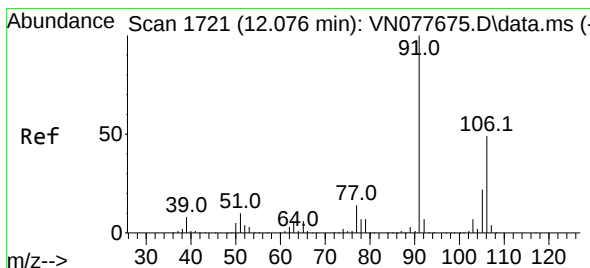
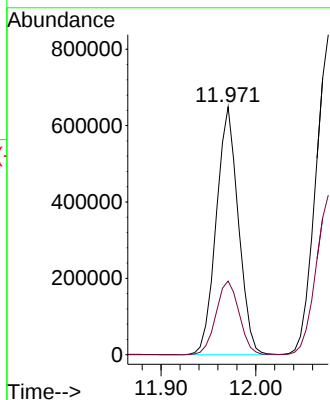
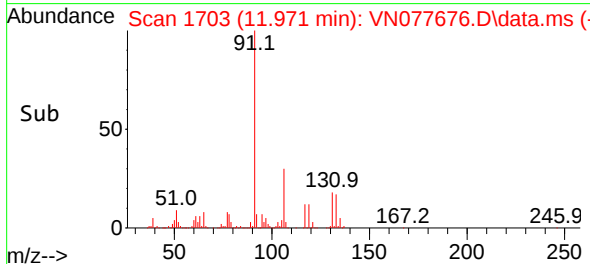
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 91 Resp: 1052749
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

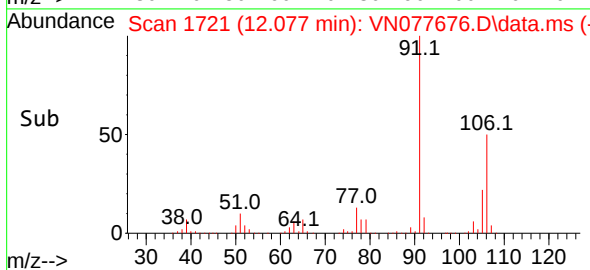
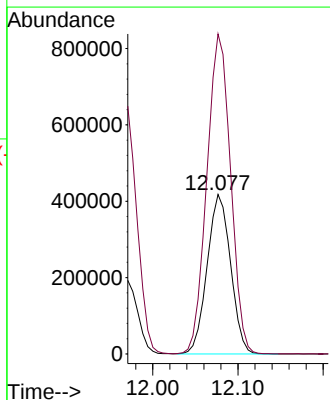
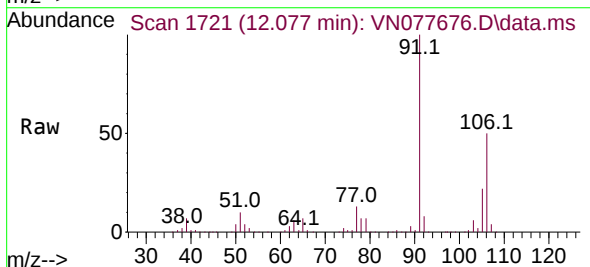
Manual Integrations
APPROVED

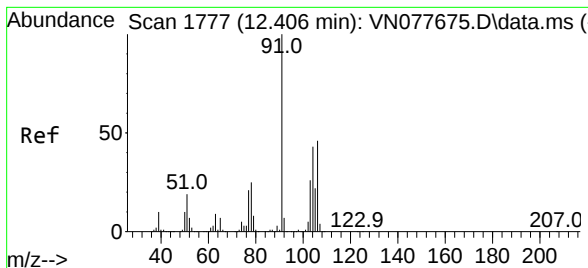
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#68
m/p-Xylenes
Concen: 80.962 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:106 Resp: 799414
Ion Ratio Lower Upper
106 100
91 203.5 159.6 239.4





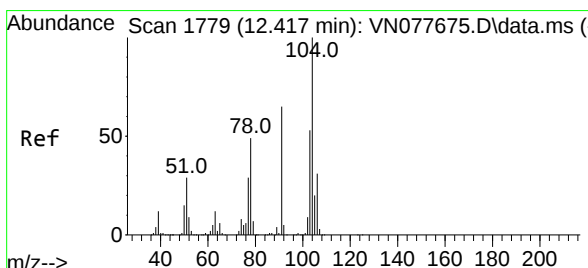
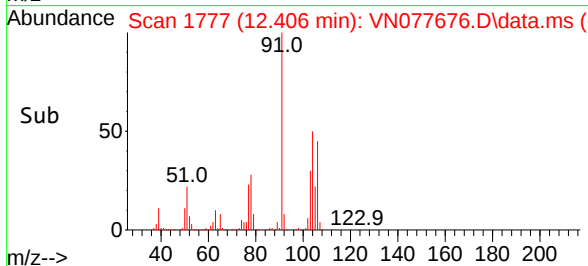
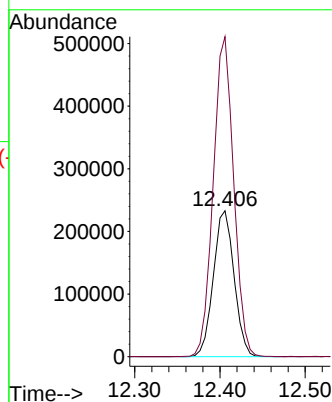
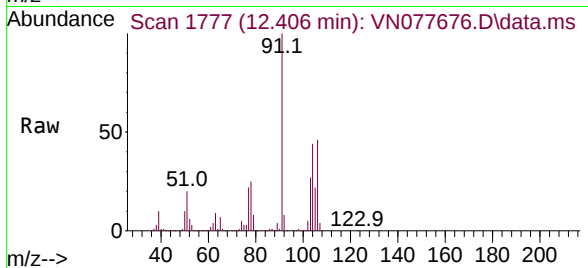
#69
o-Xylene
Concen: 40.543 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:106 Resp: 393690
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5

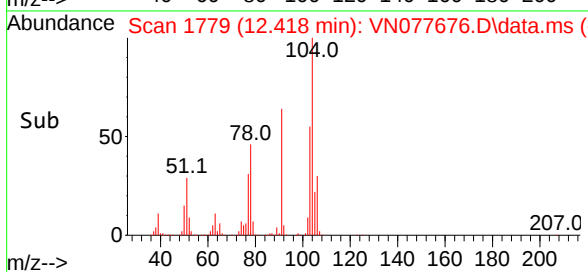
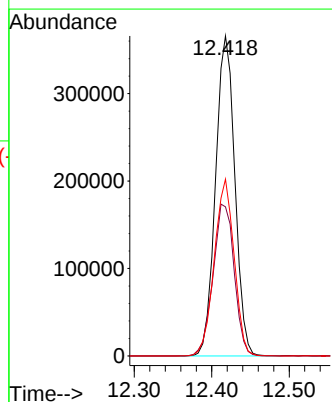
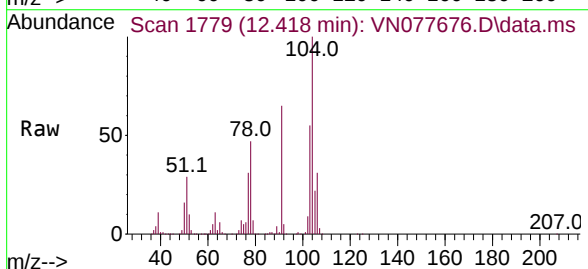
Manual Integrations
APPROVED

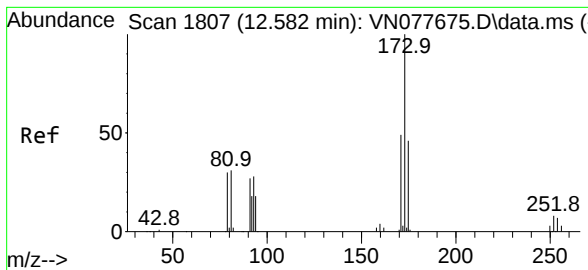
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#70
Styrene
Concen: 41.041 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

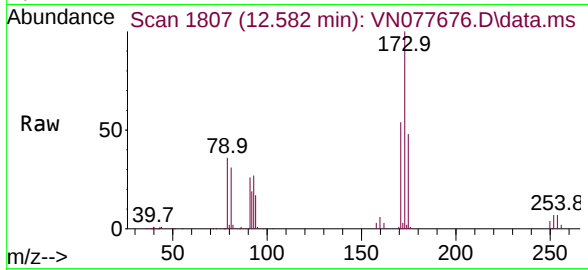
Tgt Ion:104 Resp: 633084
Ion Ratio Lower Upper
104 100
78 51.9 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 42.056 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

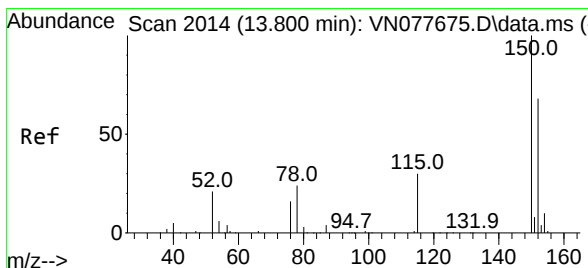
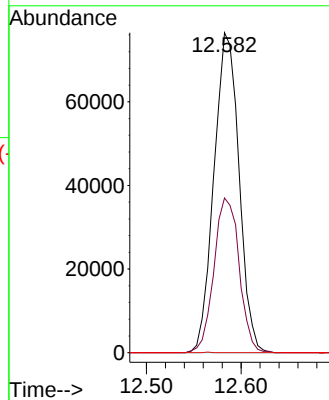
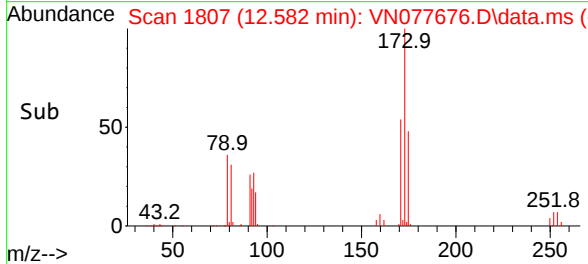
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



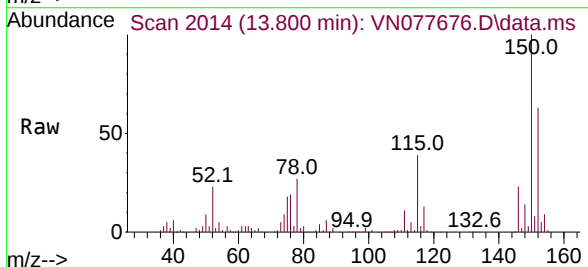
Tgt Ion:173 Resp: 14076
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

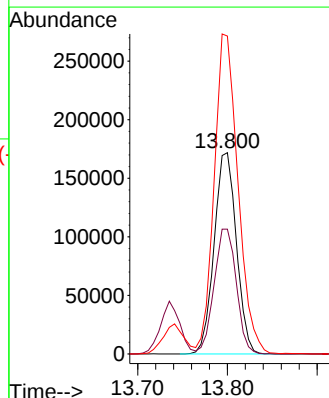
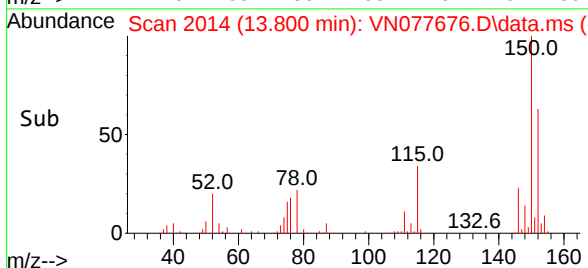
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

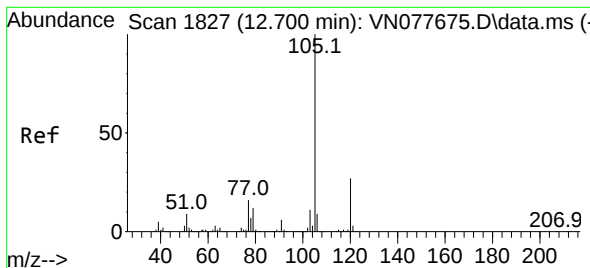


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



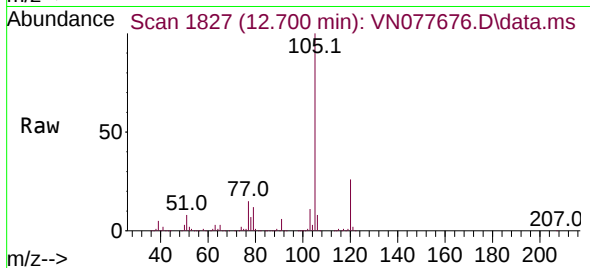
Tgt Ion:152 Resp: 296117
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 169.8 0.0 355.8





#73
Isopropylbenzene
Concen: 40.540 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

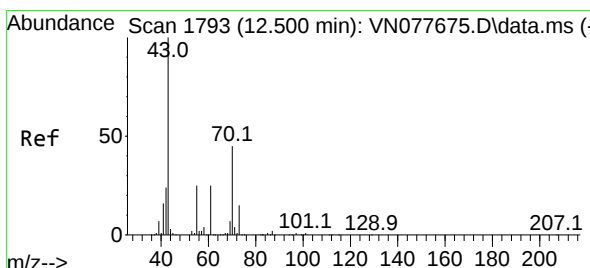
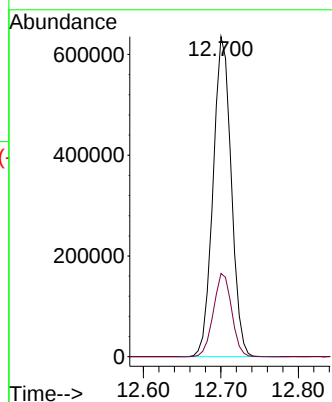
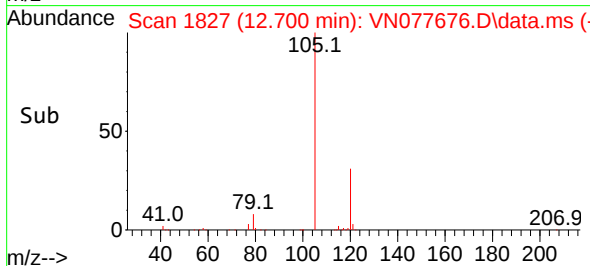
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



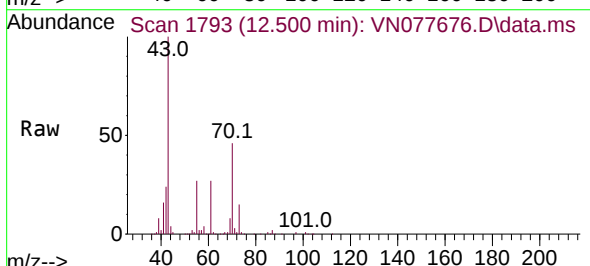
Tgt Ion:105 Resp: 1034800
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

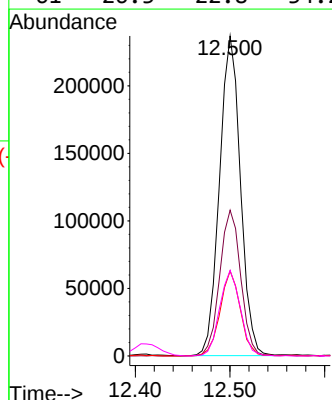
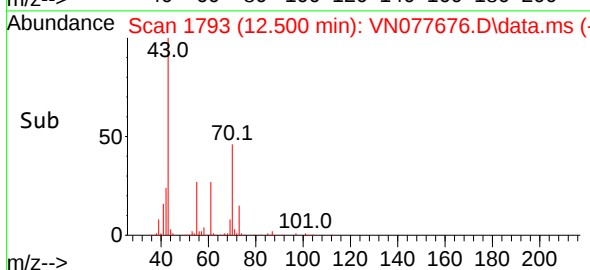
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

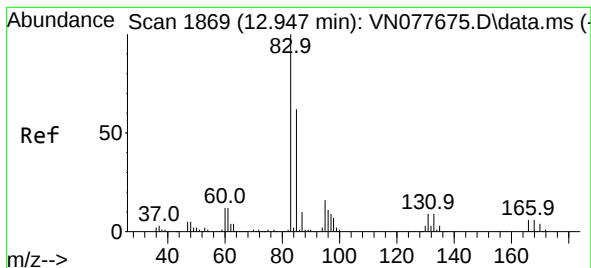


#74
N-ethyl acetate
Concen: 38.594 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01



Tgt Ion: 43 Resp: 364135
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 25.8 21.4 32.0
61 26.3 22.8 34.2





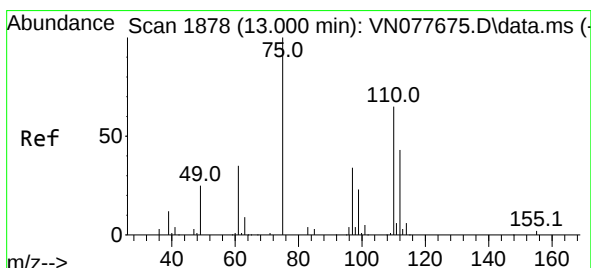
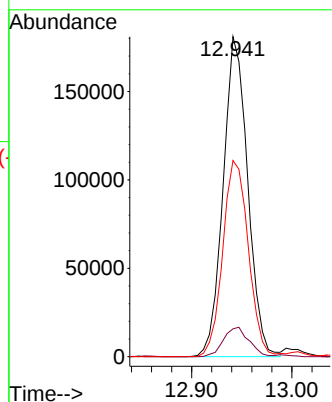
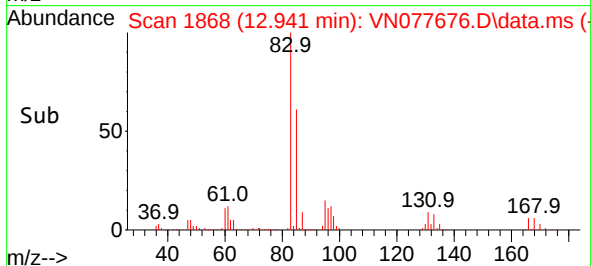
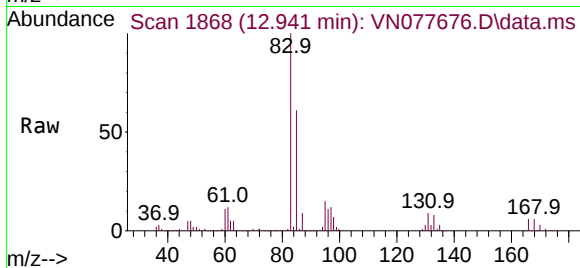
#75
1,1,2,2-Tetrachloroethane
Concen: 39.242 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 83 Resp: 30815
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.0 31.9 95.7

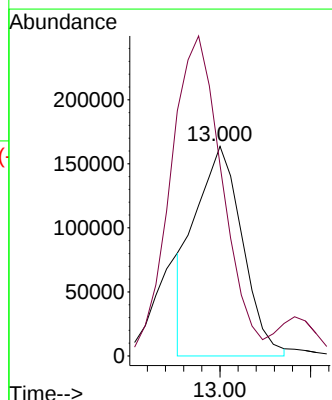
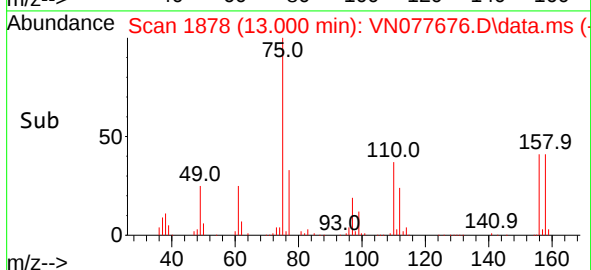
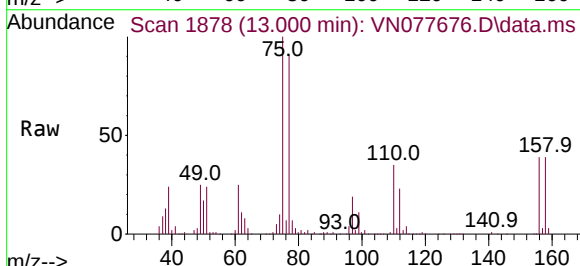
Manual Integrations
APPROVED

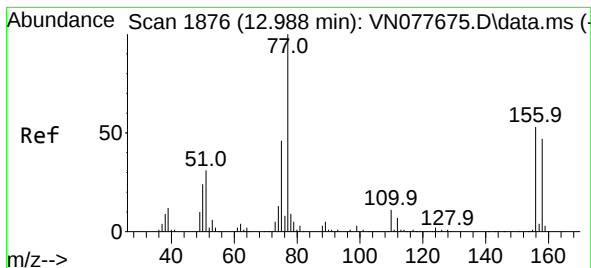
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#76
1,2,3-Trichloropropane
Concen: 41.413 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion: 75 Resp: 296140
Ion Ratio Lower Upper
75 100
77 167.9 84.5 253.5





#77

Bromobenzene

Concen: 38.063 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

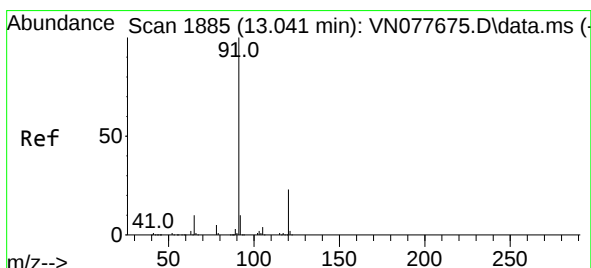
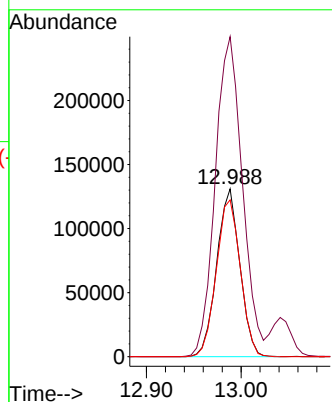
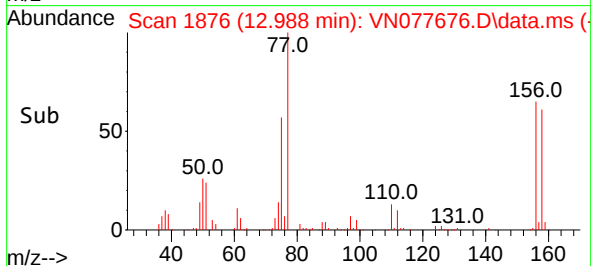
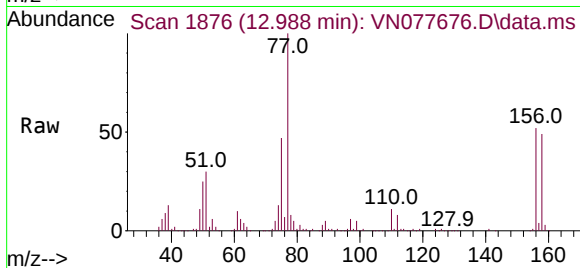
Tgt Ion:156 Resp: 221719
 Ion Ratio Lower Upper
 156 100
 77 224.3 107.7 323.3
 158 97.4 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#78

n-propylbenzene

Concen: 39.292 ug/l

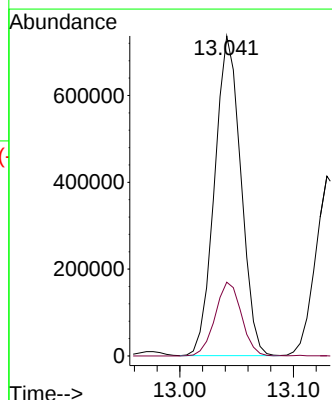
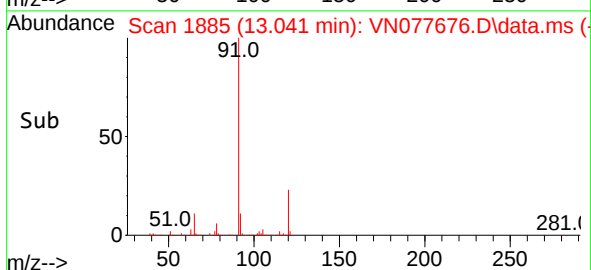
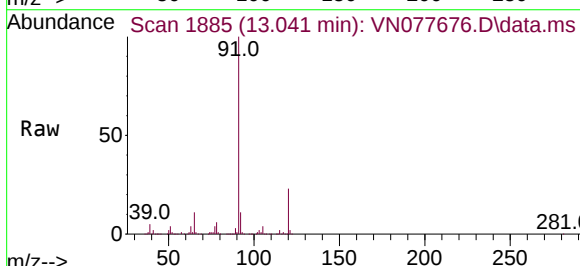
RT: 13.041 min Scan# 1885

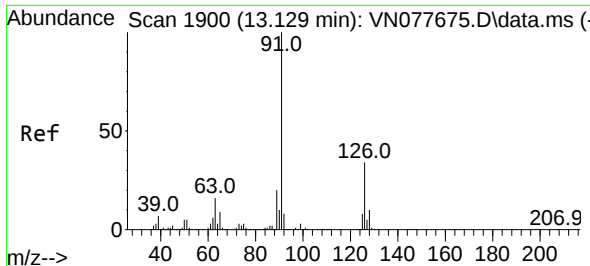
Delta R.T. 0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Tgt Ion: 91 Resp: 1182395
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.5 34.4





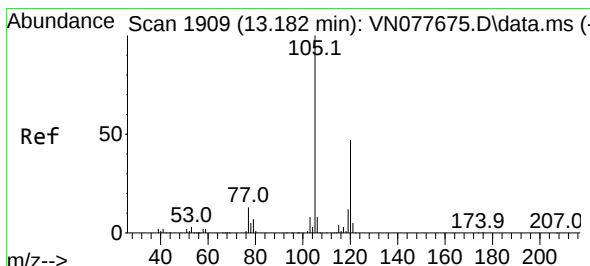
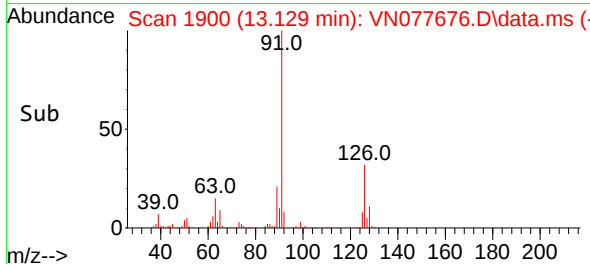
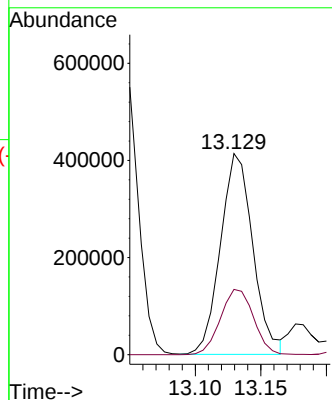
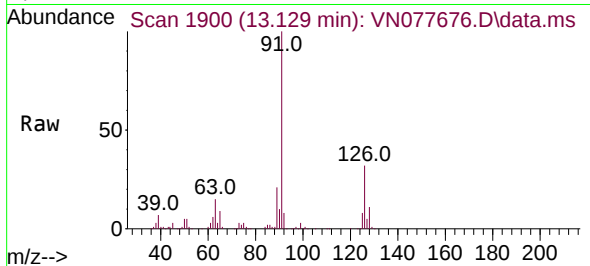
#79
2-Chlorotoluene
Concen: 39.555 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 91 Resp: 71028
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

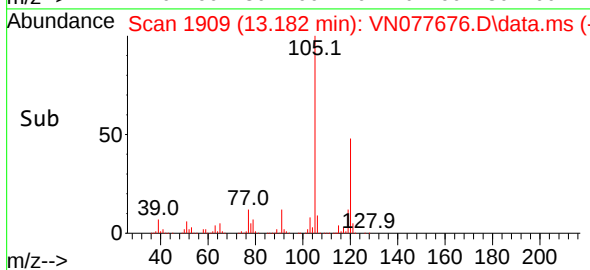
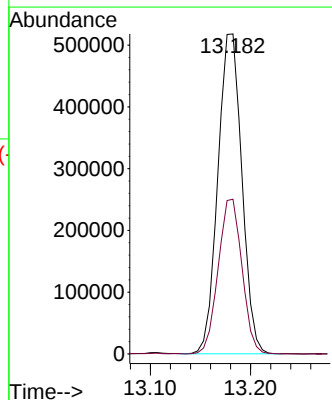
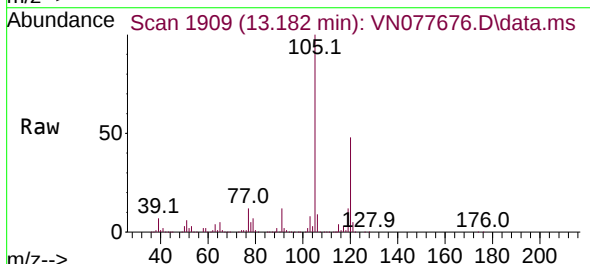
Manual Integrations
APPROVED

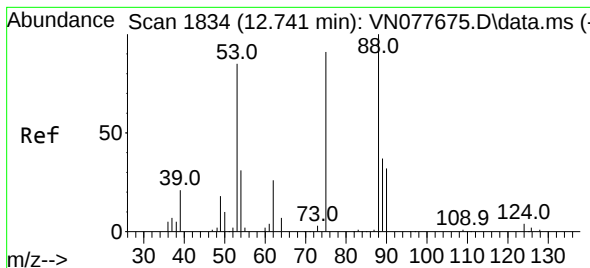
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 40.172 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:105 Resp: 861820
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





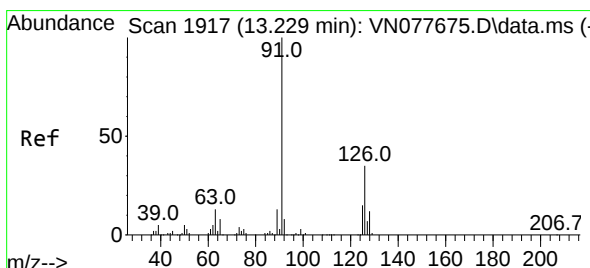
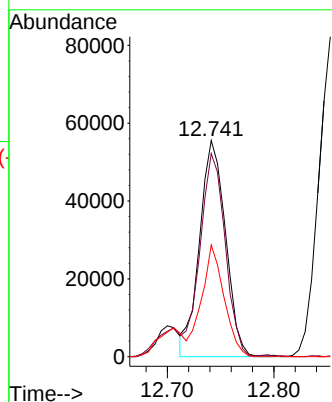
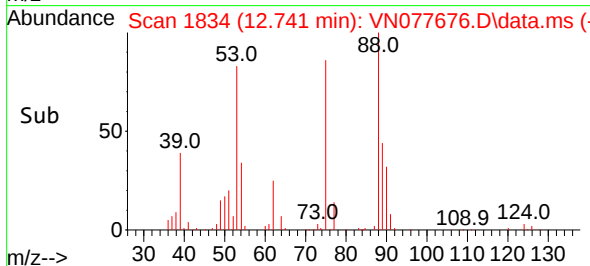
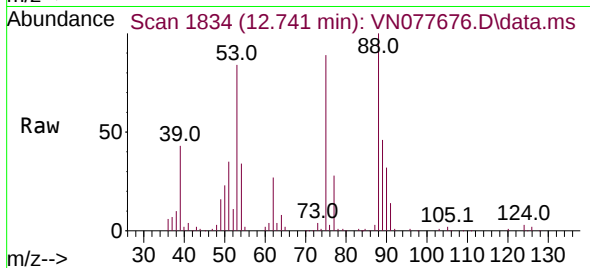
#81
trans-1,4-Dichloro-2-butene
Concen: 40.659 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 75 Resp: 9432
Ion Ratio Lower Upper
75 100
53 103.2 67.4 101.2
89 44.6 38.8 58.2

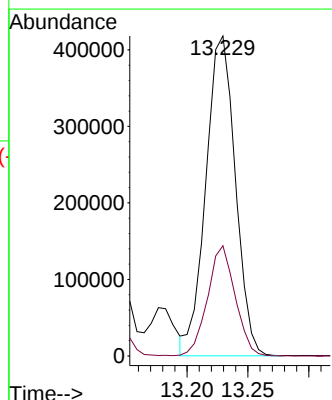
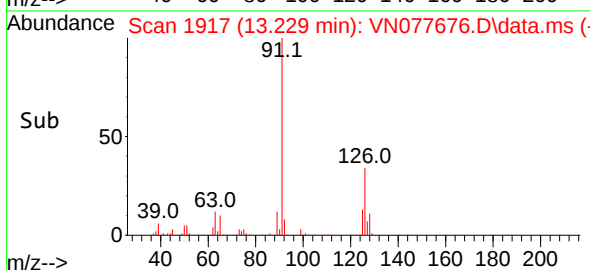
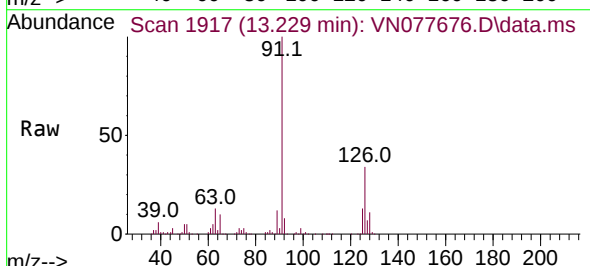
Manual Integrations
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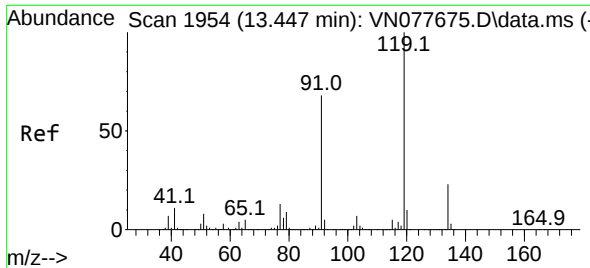
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#82
4-Chlorotoluene
Concen: 39.480 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion: 91 Resp: 705370
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





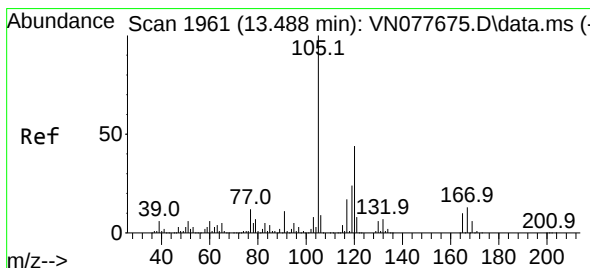
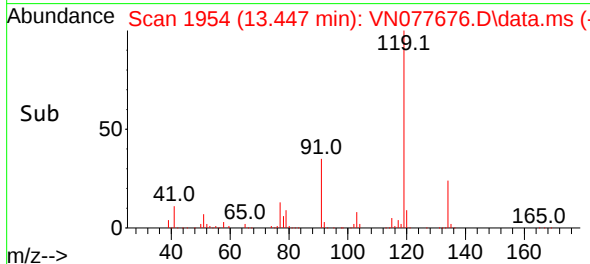
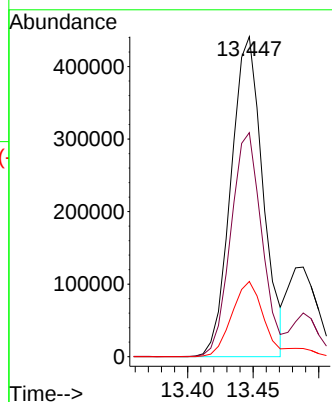
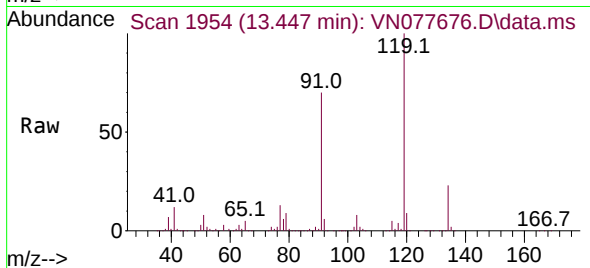
#83
tert-Butylbenzene
Concen: 39.883 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:119 Resp: 74695
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 25.2 13.2 39.6

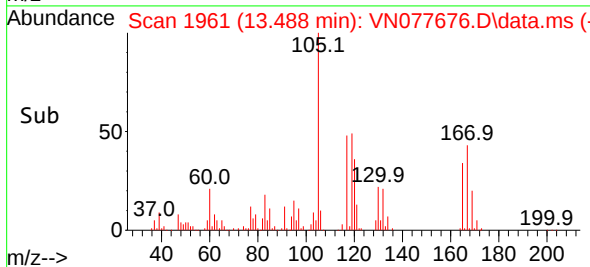
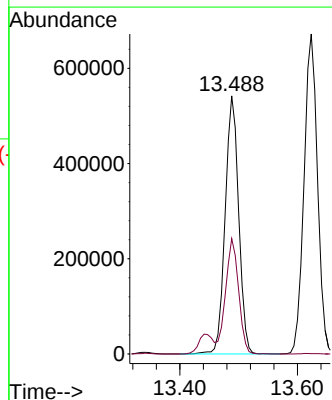
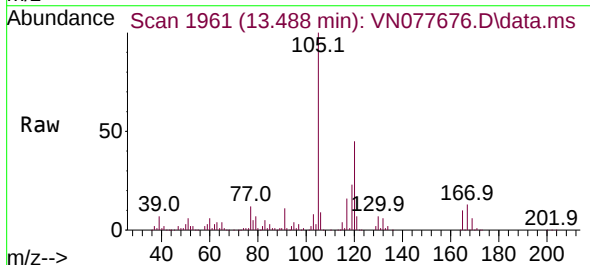
Manual Integrations
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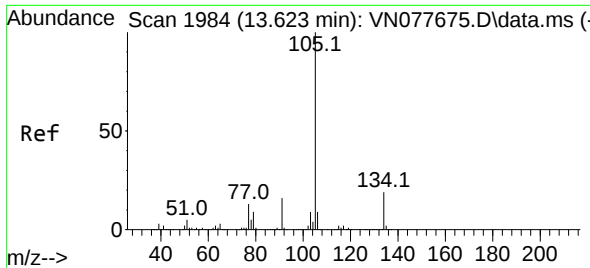
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 40.997 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:105 Resp: 864979
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





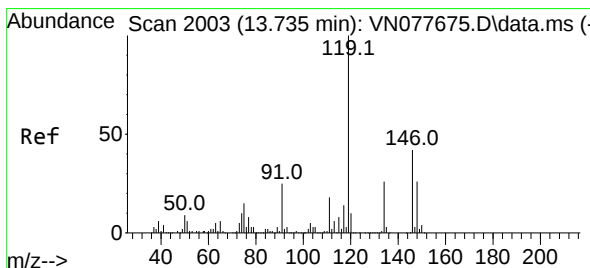
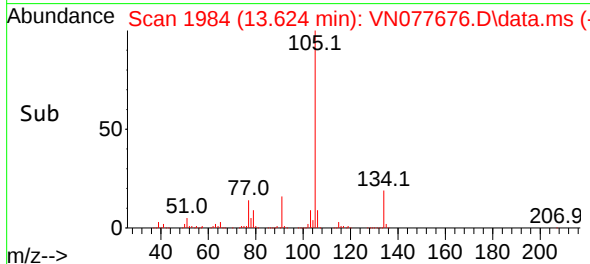
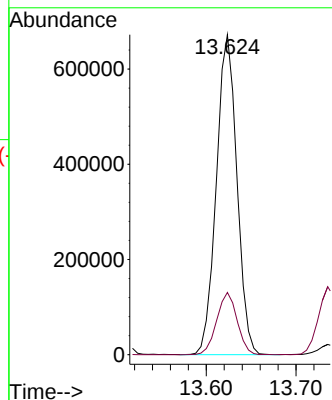
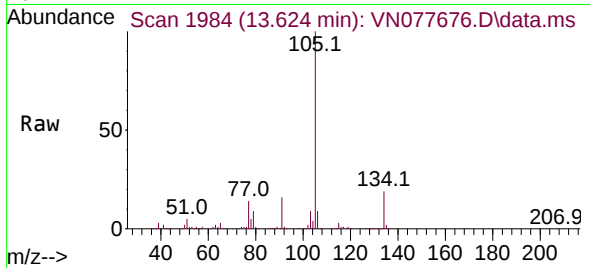
#85
 sec-Butylbenzene
 Concen: 40.152 ug/l
 RT: 13.624 min Scan# 1984
 Delta R.T. 0.001 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC040

Tgt Ion:105 Resp: 1068700
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

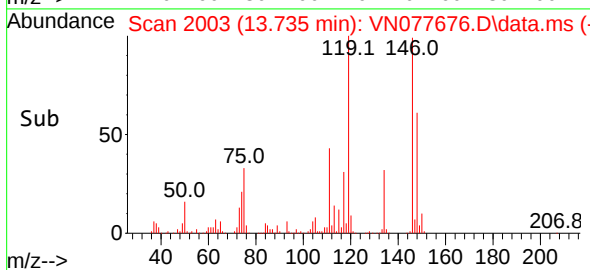
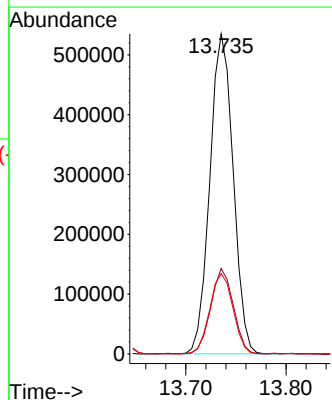
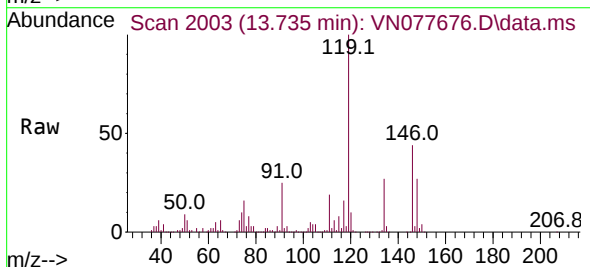
Manual Integrations
 APPROVED

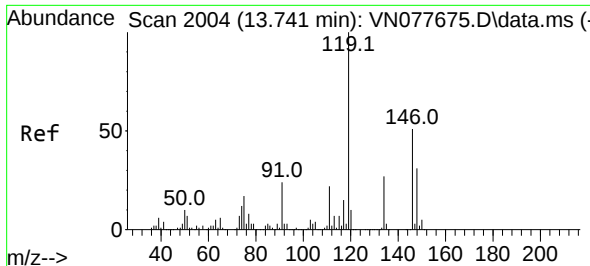
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#86
 p-Isopropyltoluene
 Concen: 40.767 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077676.D
 Acq: 15 May 2023 18:01

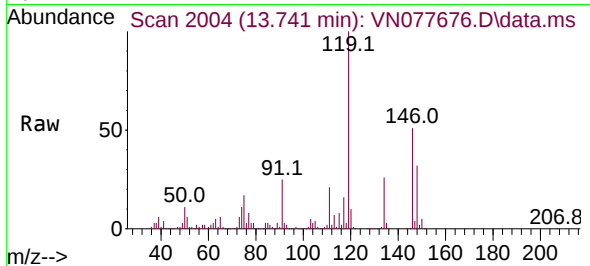
Tgt Ion:119 Resp: 865045
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 38.171 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

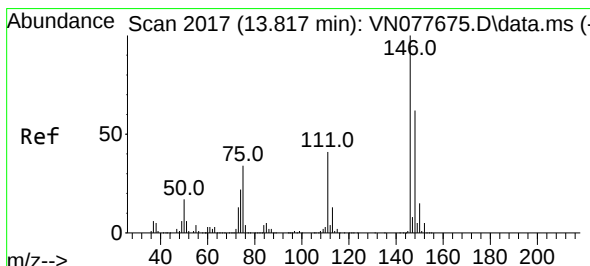
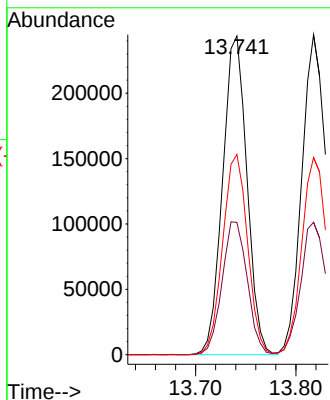
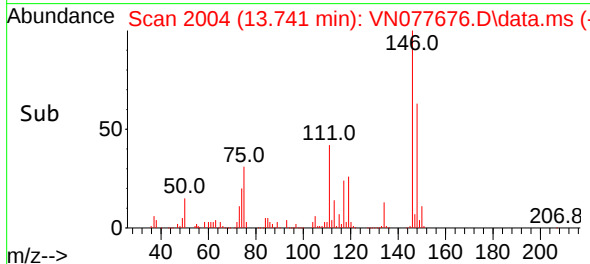
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:146 Resp: 411190
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 64.2 32.0 96.0

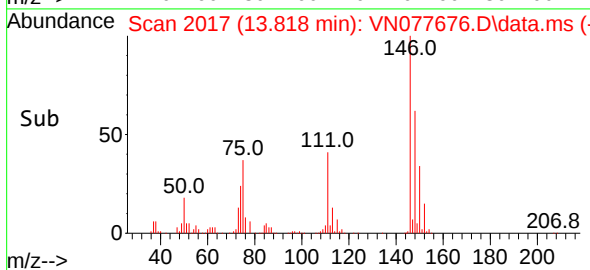
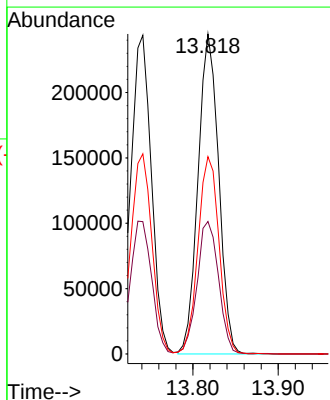
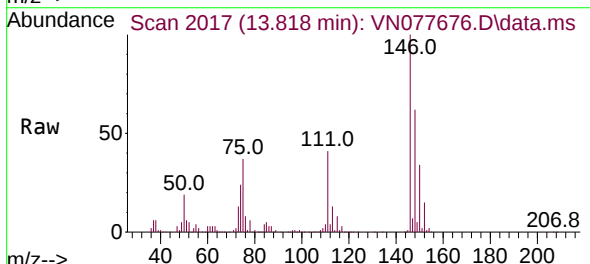
Manual Integrations
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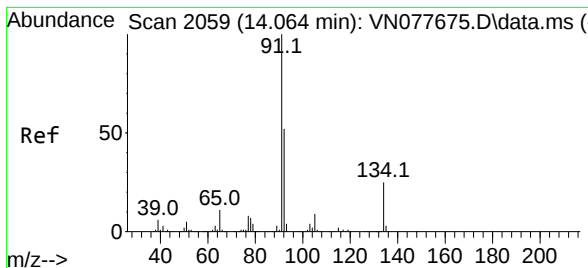
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#88
1,4-Dichlorobenzene
Concen: 38.575 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:146 Resp: 412358
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.8
148 62.8 31.6 94.8





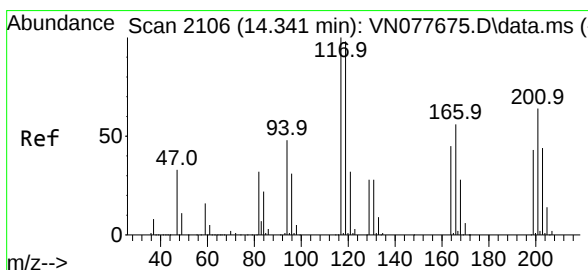
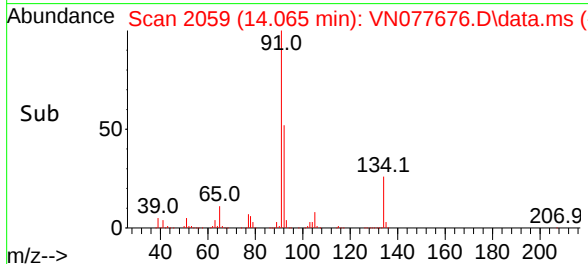
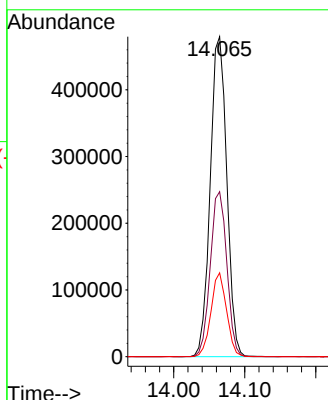
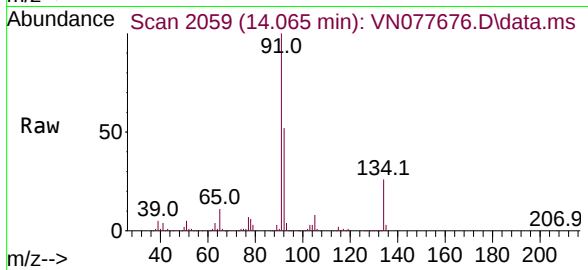
#89
n-Butylbenzene
Concen: 39.718 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 91 Resp: 77517
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 24.7 12.6 37.6

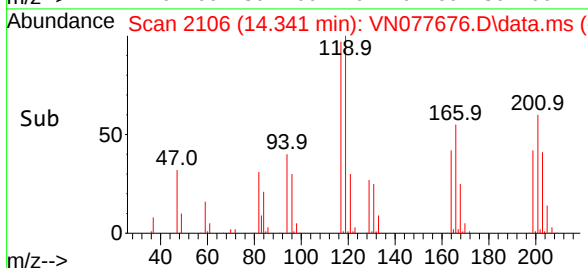
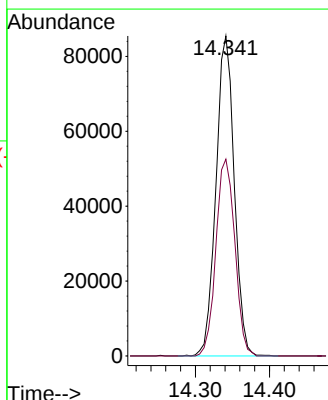
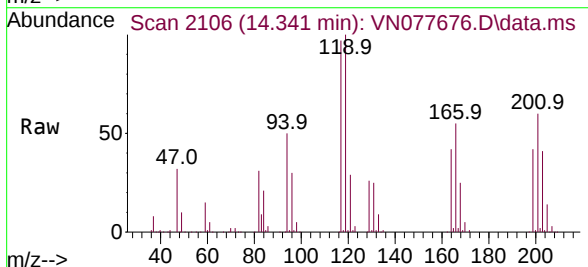
Manual Integrations
APPROVED

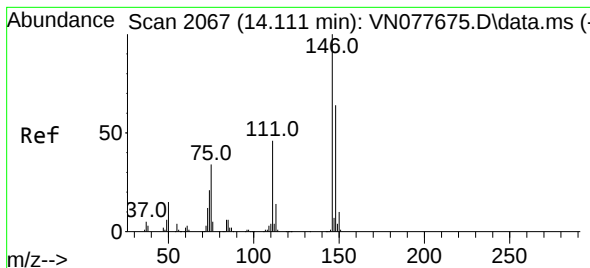
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 41.980 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

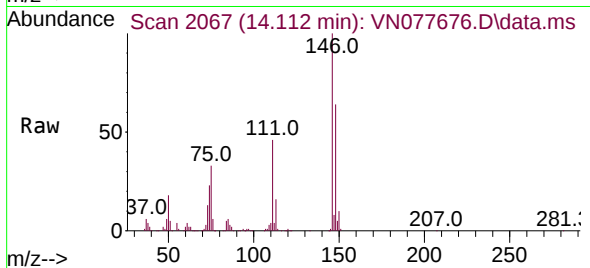
Tgt Ion:117 Resp: 146339
Ion Ratio Lower Upper
117 100
201 63.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 40.027 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

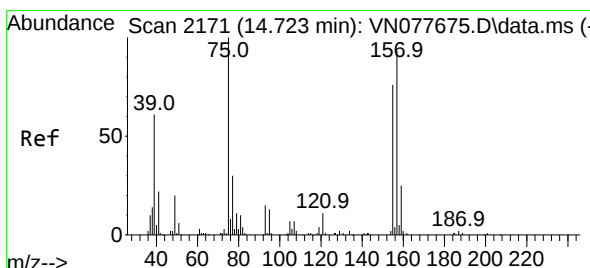
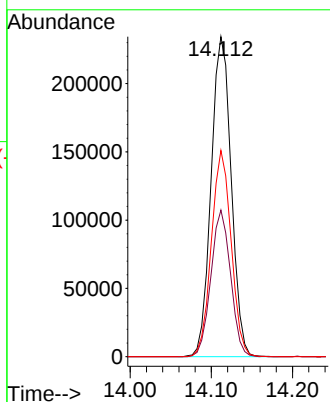
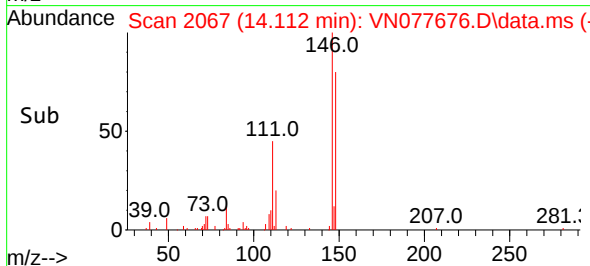
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:146 Resp: 40282
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 63.3 31.8 95.3

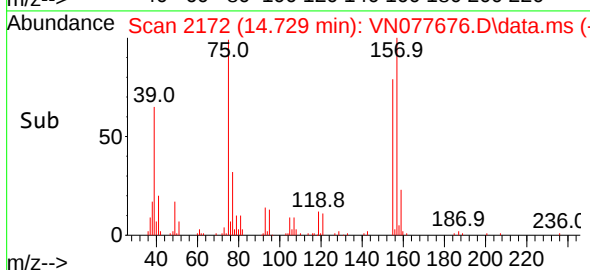
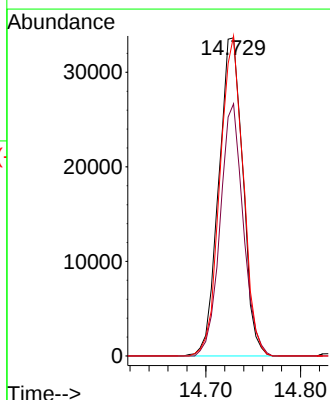
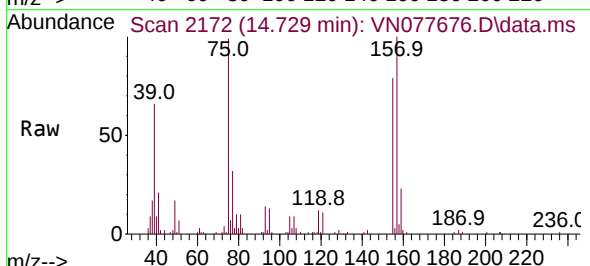
Manual Integrations
APPROVED

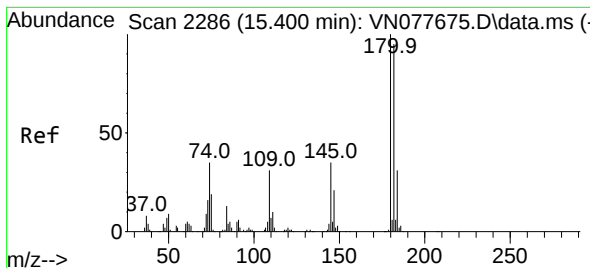
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.132 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion: 75 Resp: 59492
Ion Ratio Lower Upper
75 100
155 75.7 39.1 117.2
157 96.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 37.963 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion:180 Resp: 22326

Ion Ratio Lower Upper

180 100

182 94.4 46.1 138.2

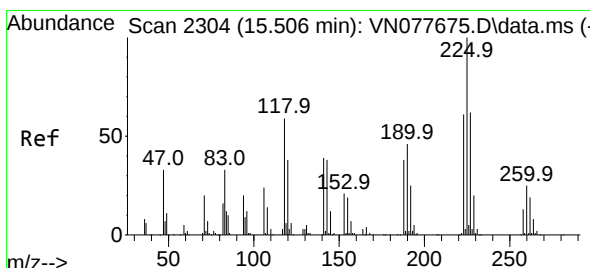
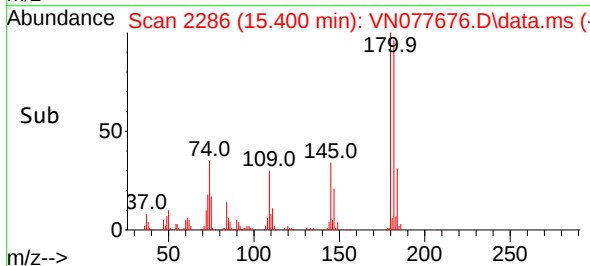
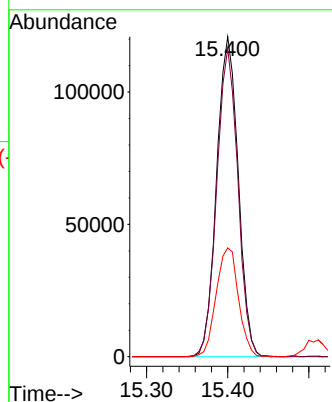
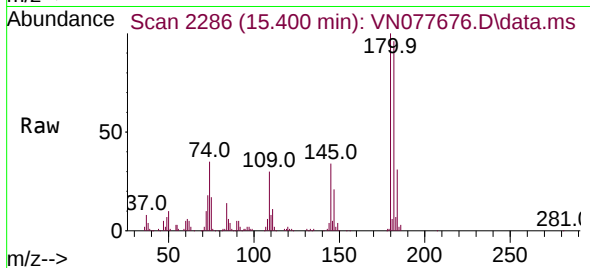
145 35.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#94

Hexachlorobutadiene

Concen: 39.370 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN077676.D

Acq: 15 May 2023 18:01

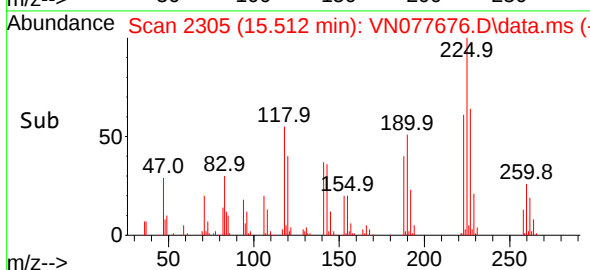
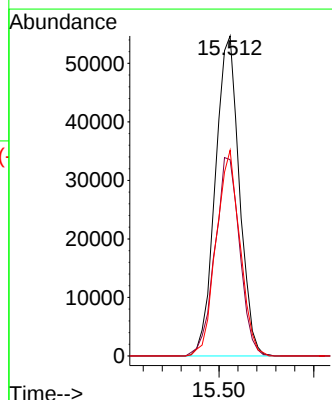
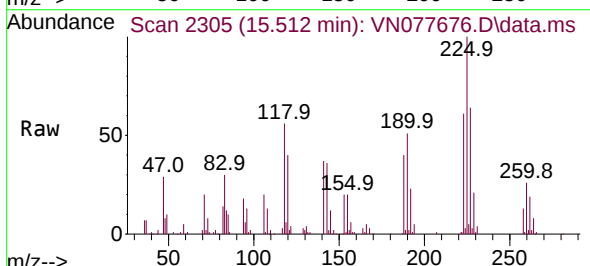
Tgt Ion:225 Resp: 96134

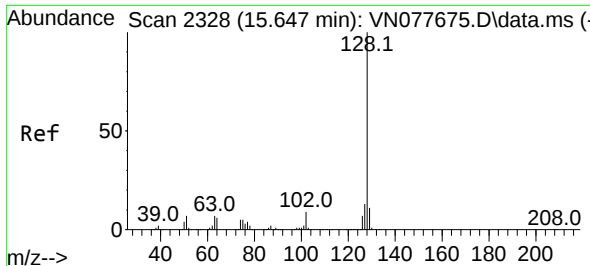
Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

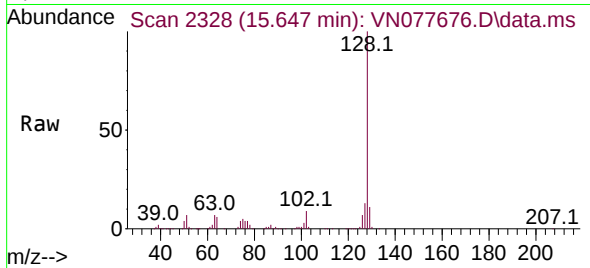
227 63.8 31.9 95.9





#95
Naphthalene
Concen: 37.128 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

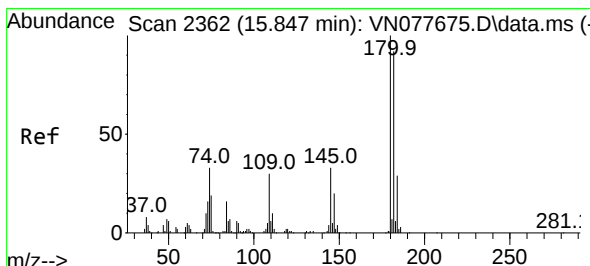
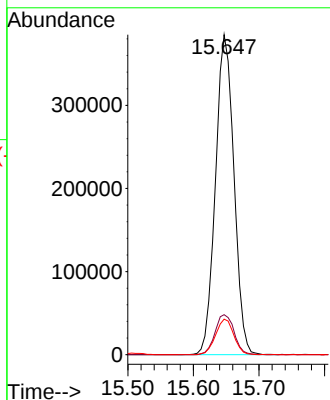
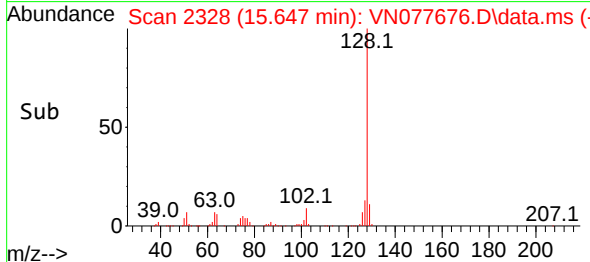
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:128 Resp: 75157
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 38.696 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077676.D
Acq: 15 May 2023 18:01

Tgt Ion:180 Resp: 222813
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 35.1 17.5 52.6

