

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075867.D
 Acq On : 19 Dec 2022 13:34
 Operator : JC\MD
 Sample : VN1219MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 01:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	286087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	418902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162075	52.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.171	113	143719	49.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.840%			
50) Toluene-d8	10.571	98	537958	49.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.853	95	182861	51.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	37284	18.355	ug/l	97
3) Chloromethane	2.371	50	44307	17.541	ug/l	98
4) Vinyl Chloride	2.524	62	55154	18.305	ug/l	99
5) Bromomethane	2.959	94	45362	17.715	ug/l	91
6) Chloroethane	3.130	64	41951	18.802	ug/l	99
7) Trichlorofluoromethane	3.506	101	87019	19.033	ug/l	89
8) Diethyl Ether	3.977	74	33378	19.988	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	53612	20.536	ug/l	95
10) Methyl Iodide	4.606	142	78880	18.618	ug/l	99
11) Tert butyl alcohol	5.536	59	44489	101.021	ug/l	99
12) 1,1-Dichloroethene	4.359	96	47578	18.764	ug/l	98
13) Acrolein	4.195	56	73390	135.930	ug/l	100
14) Allyl chloride	5.036	41	57130	19.274	ug/l	92
15) Acrylonitrile	5.736	53	124371	103.486	ug/l	98
16) Acetone	4.442	43	115851	107.980	ug/l	97
17) Carbon Disulfide	4.724	76	107734	17.549	ug/l	98
18) Methyl Acetate	5.042	43	66326	20.914	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	170834	20.460	ug/l	98
20) Methylene Chloride	5.295	84	59133	20.222	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	53454	19.250	ug/l	95
22) Diisopropyl ether	6.683	45	148415	20.612	ug/l	97
23) Vinyl Acetate	6.618	43	495843m	102.311	ug/l	
24) 1,1-Dichloroethane	6.577	63	94082	19.592	ug/l	96
25) 2-Butanone	7.489	43	162335	108.062	ug/l	93
26) 2,2-Dichloropropane	7.500	77	80752	19.857	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	63755	19.197	ug/l	95
28) Bromochloromethane	7.818	49	36714	17.443	ug/l	97
29) Tetrahydrofuran	7.847	42	100334	106.578	ug/l	99
30) Chloroform	7.971	83	105548	19.522	ug/l	97
31) Cyclohexane	8.265	56	83550	18.744	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	95002	19.820	ug/l	96
36) 1,1-Dichloropropene	8.377	75	72365	18.921	ug/l	98
37) Ethyl Acetate	7.571	43	65158	21.210	ug/l	98
38) Carbon Tetrachloride	8.371	117	83155	19.427	ug/l	97
39) Methylcyclohexane	9.606	83	93123	20.183	ug/l	94
40) Benzene	8.612	78	232257	19.683	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33717	21.115	ug/l	95
42) 1,2-Dichloroethane	8.677	62	78649	20.048	ug/l	99
43) Isopropyl Acetate	8.694	43	105982	20.914	ug/l	100
44) Trichloroethene	9.359	130	61711	18.564	ug/l	97
45) 1,2-Dichloropropane	9.624	63	56500	19.676	ug/l	99
46) Dibromomethane	9.718	93	41228	19.358	ug/l	93
47) Bromodichloromethane	9.888	83	83032	19.881	ug/l	98
48) Methyl methacrylate	9.682	41	48630	21.307	ug/l	98
49) 1,4-Dioxane	9.700	88	23473	418.335	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	329810	107.619	ug/l	100
52) Toluene	10.629	92	152321	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82566	20.195	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	91150	20.306	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	63090	20.916	ug/l	97
56) Ethyl methacrylate	10.877	69	84255	21.029	ug/l	97
57) 1,3-Dichloropropane	11.165	76	100543	20.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	141181	110.676	ug/l	97
59) 2-Hexanone	11.200	43	246112	110.121	ug/l	98
60) Dibromochloromethane	11.359	129	67165	20.022	ug/l	100
61) 1,2-Dibromoethane	11.471	107	62296	20.408	ug/l	98
64) Tetrachloroethene	11.106	164	56254	19.084	ug/l	98
65) Chlorobenzene	11.894	112	163611	19.029	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	60781	19.086	ug/l	96
67) Ethyl Benzene	11.965	91	286770	19.762	ug/l	100
68) m/p-Xylenes	12.076	106	231091	40.236	ug/l	100
69) o-Xylene	12.400	106	113240	19.923	ug/l	99
70) Styrene	12.412	104	183813	20.340	ug/l	99
71) Bromoform	12.582	173	47531	20.511	ug/l #	98
73) Isopropylbenzene	12.700	105	292166	20.089	ug/l	99
74) N-amyl acetate	12.500	43	90778	21.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	88985	19.792	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	76722m	18.912	ug/l	
77) Bromobenzene	12.982	156	71481	19.421	ug/l	99
78) n-propylbenzene	13.041	91	328845	20.501	ug/l	99
79) 2-Chlorotoluene	13.129	91	199117	19.886	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	250444	20.575	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27444	24.350	ug/l	90
82) 4-Chlorotoluene	13.129	91	199117	19.886	ug/l	100
83) tert-Butylbenzene	13.441	119	229078	21.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	249645	20.674	ug/l	99
85) sec-Butylbenzene	13.618	105	306041	20.661	ug/l	100
86) p-Isopropyltoluene	13.735	119	261060	21.181	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	131570	19.352	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	130594	18.803	ug/l	100
89) n-Butylbenzene	14.059	91	201278	20.158	ug/l	99
90) Hexachloroethane	14.335	117	44154	20.027	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	132764	19.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15554	19.497	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	65210	19.669	ug/l	99
94) Hexachlorobutadiene	15.506	225	34922	19.306	ug/l	99
95) Naphthalene	15.641	128	198856	19.542	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64483	20.809	ug/l	99

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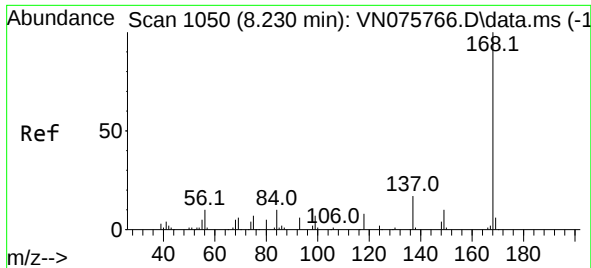
Manual Integrations
APPROVED

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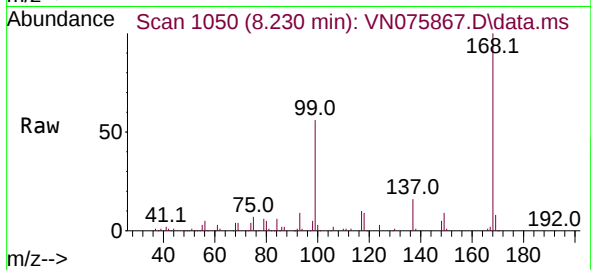
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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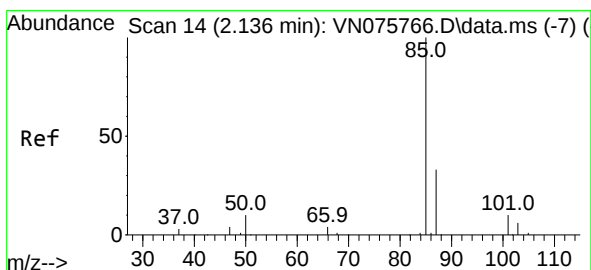
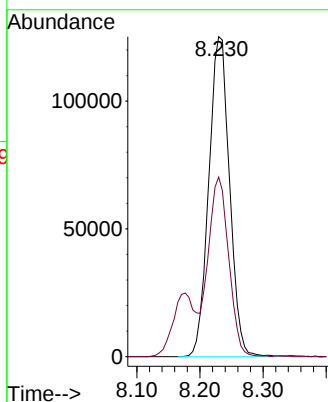
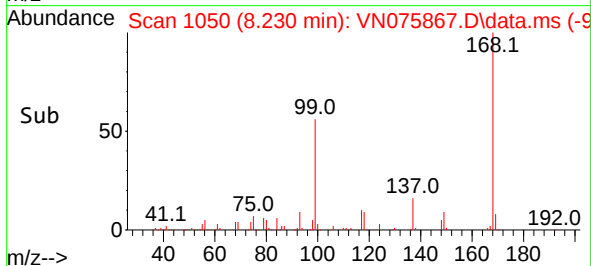
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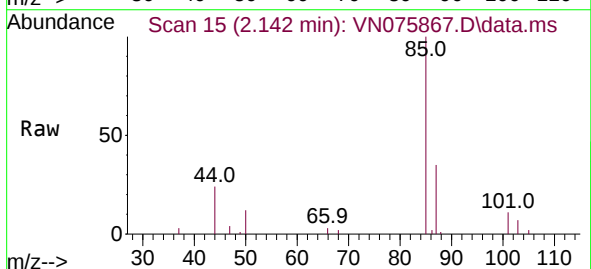
Tgt Ion:168 Resp: 28608
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4

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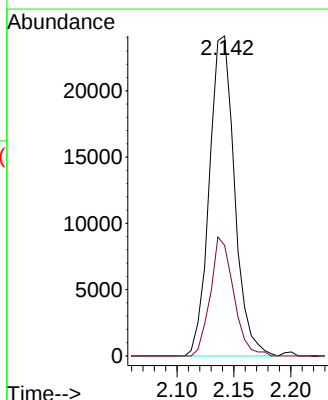
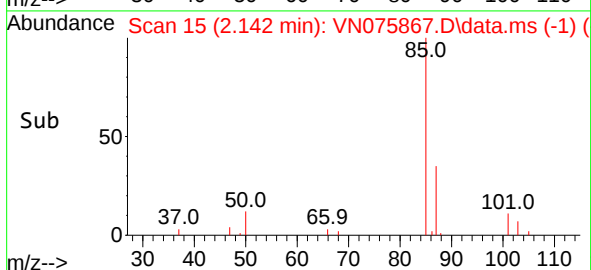
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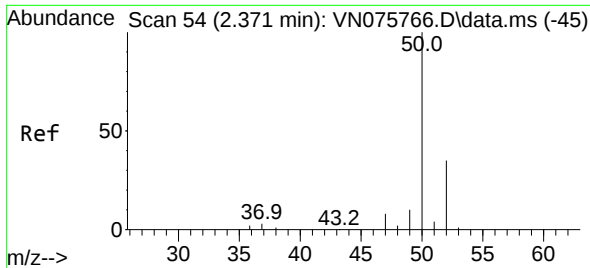


#2
Dichlorodifluoromethane
Concen: 18.355 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion: 85 Resp: 37284
Ion Ratio Lower Upper
85 100
87 34.5 16.3 48.9





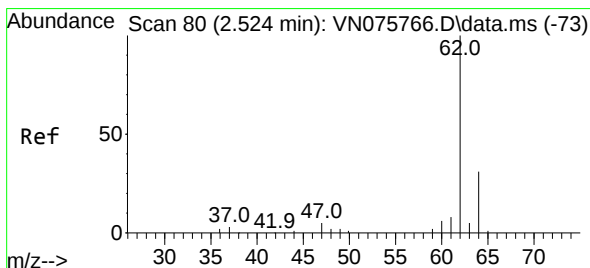
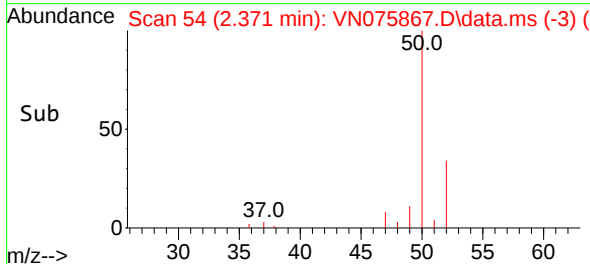
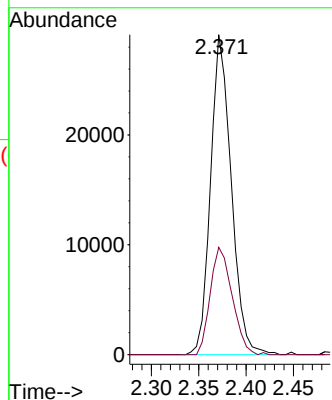
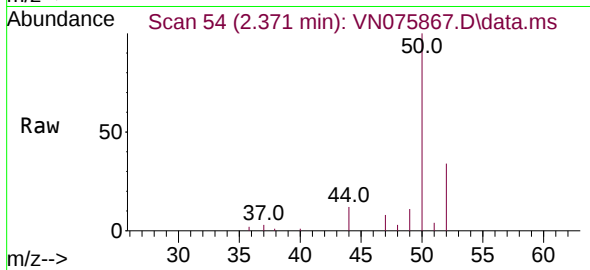
#3
Chloromethane
Concen: 17.541 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075867.D
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Tgt Ion: 50 Resp: 4430
Ion Ratio Lower Upper
50 100
52 33.5 27.7 41.5

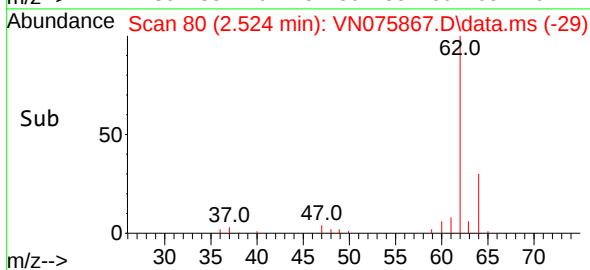
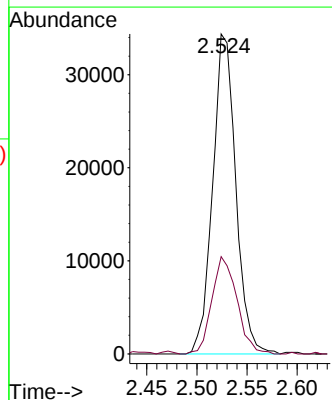
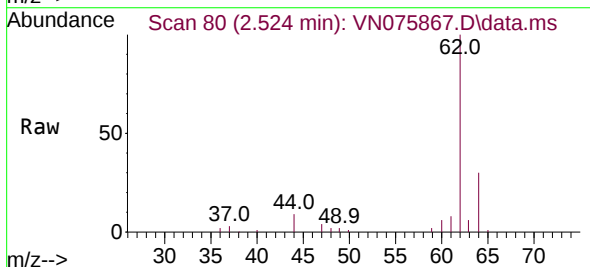
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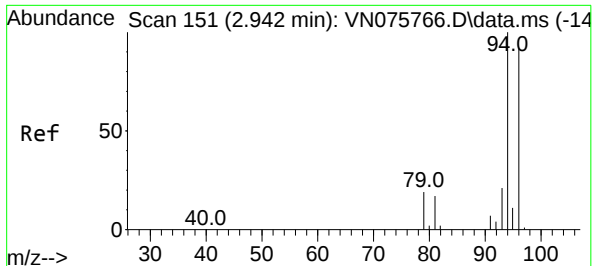
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#4
Vinyl Chloride
Concen: 18.305 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 62 Resp: 55154
Ion Ratio Lower Upper
62 100
64 30.4 24.9 37.3





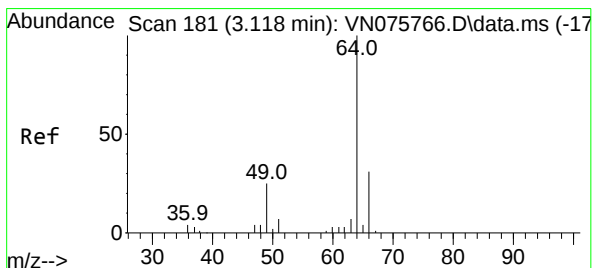
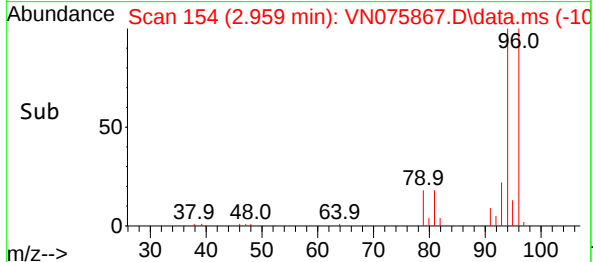
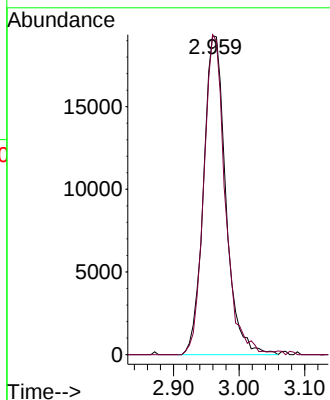
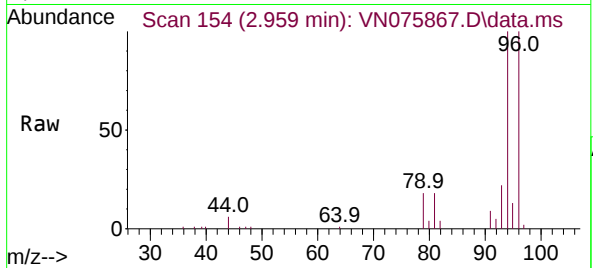
#5
Bromomethane
Concen: 17.715 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
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Tgt Ion: 94 Resp: 45362
Ion Ratio Lower Upper
94 100
96 100.3 73.8 110.6

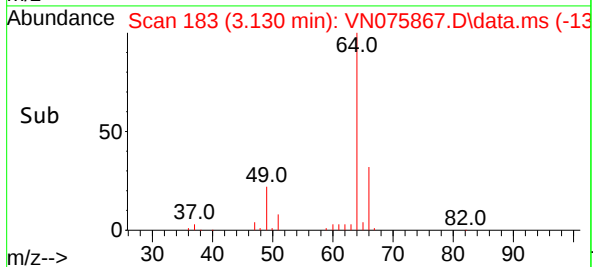
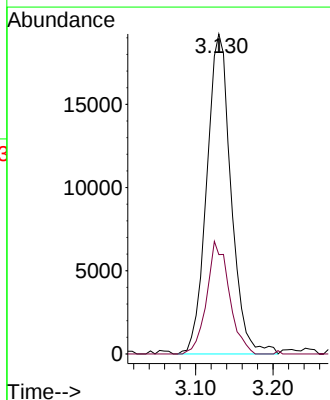
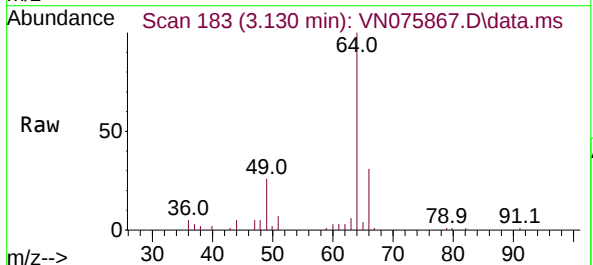
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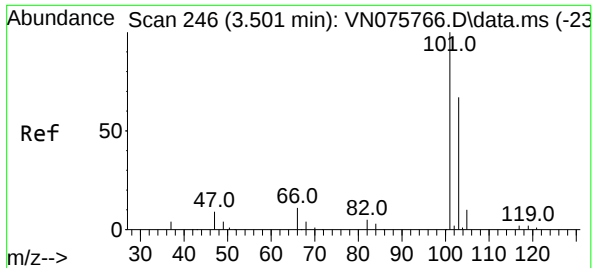
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#6
Chloroethane
Concen: 18.802 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
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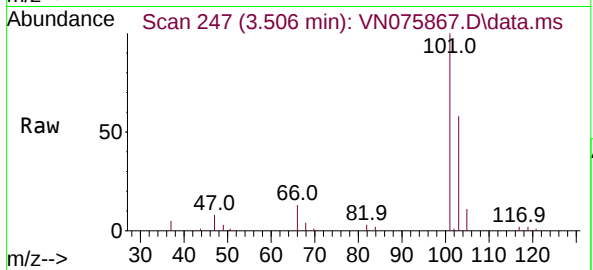
Tgt Ion: 64 Resp: 41951
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.033 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34

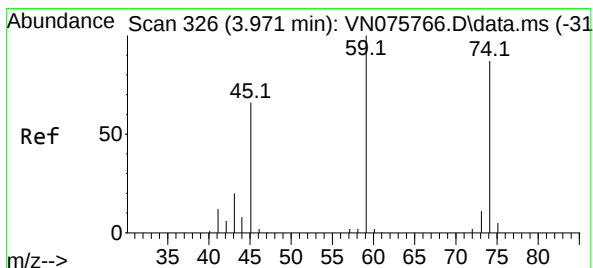
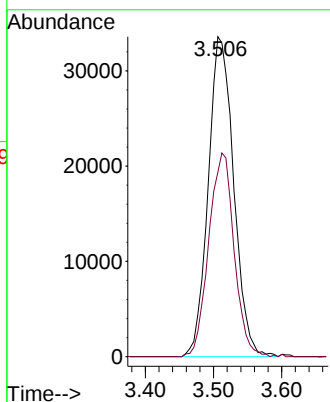
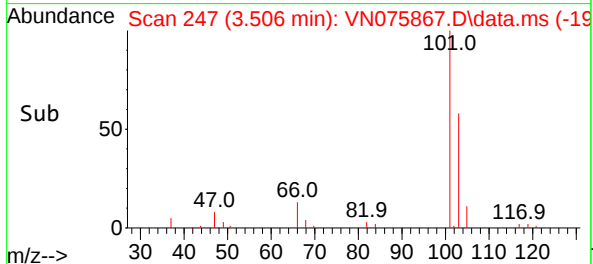
Instrument :
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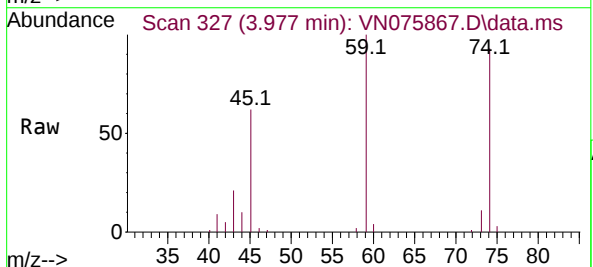
Tgt Ion:101 Resp: 87019
 Ion Ratio Lower Upper
 101 100
 103 57.6 53.4 80.2

Manual Integrations
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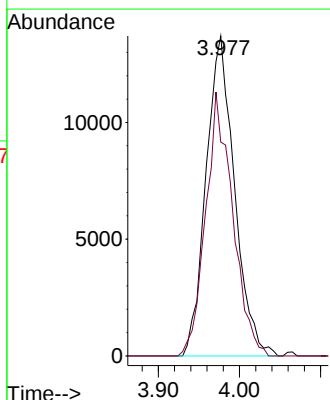
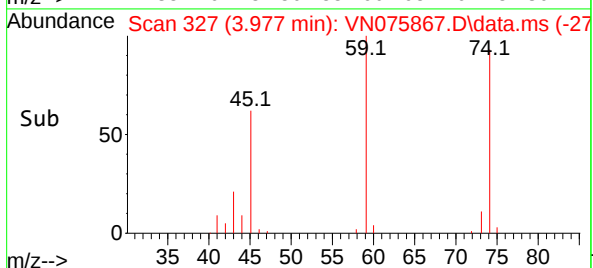
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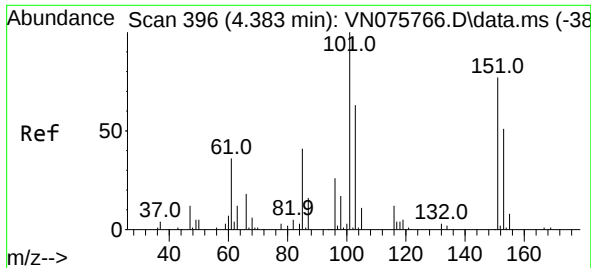


#8
 Diethyl Ether
 Concen: 19.988 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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 Acq: 19 Dec 2022 13:34



Tgt Ion: 74 Resp: 33378
 Ion Ratio Lower Upper
 74 100
 45 78.2 37.8 113.4





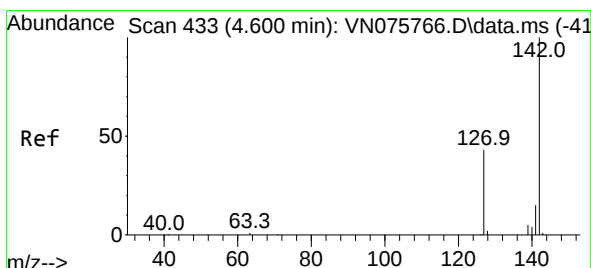
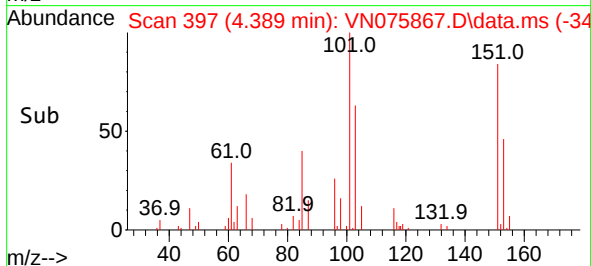
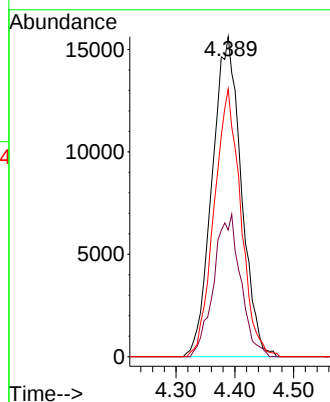
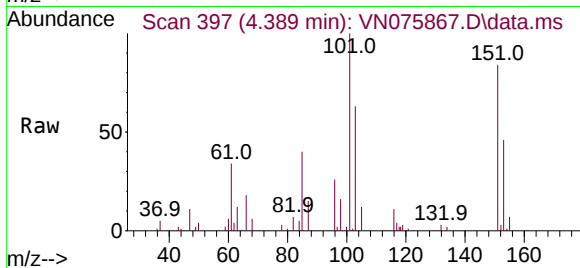
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.536 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion:101 Resp: 53612
Ion Ratio Lower Upper
101 100
85 41.2 35.3 52.9
151 76.8 65.6 98.4

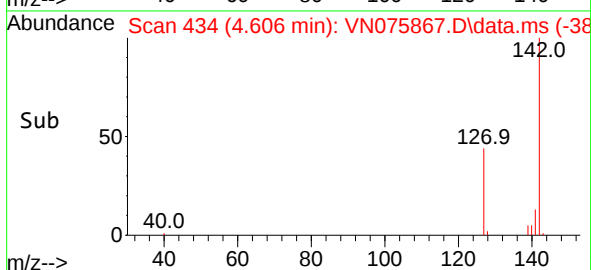
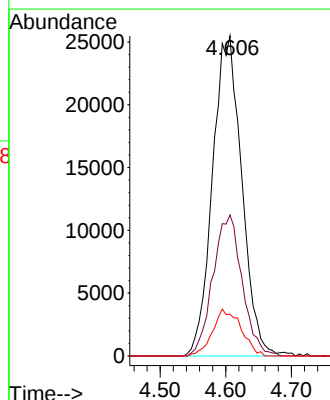
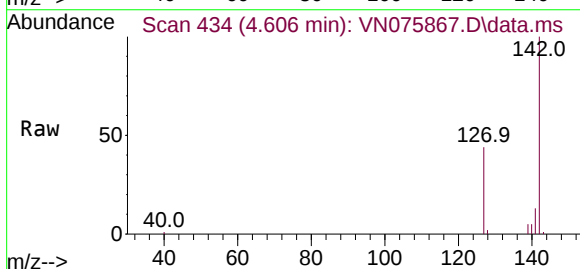
Manual Integrations
APPROVED

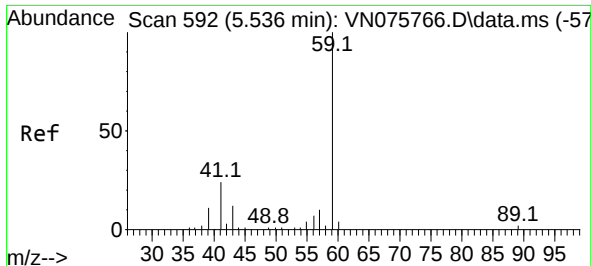
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 18.618 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

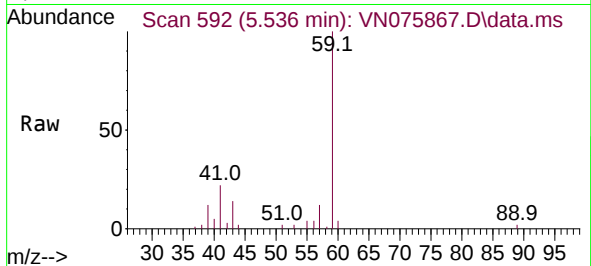
Tgt Ion:142 Resp: 78880
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 101.021 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

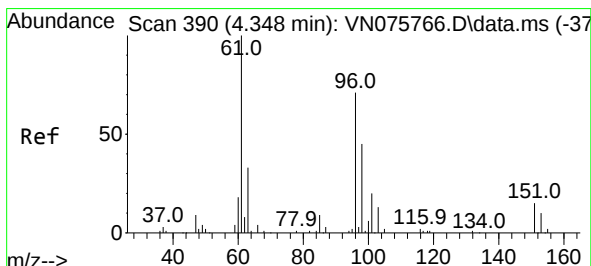
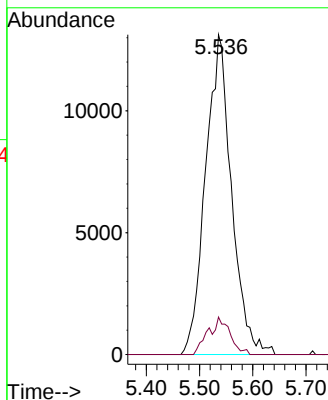
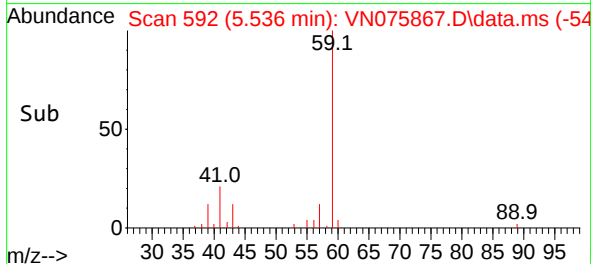
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



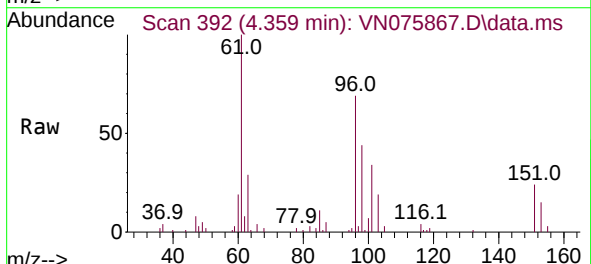
Tgt Ion: 59 Resp: 44489
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

Manual Integrations
APPROVED

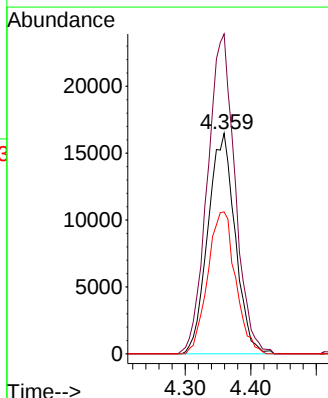
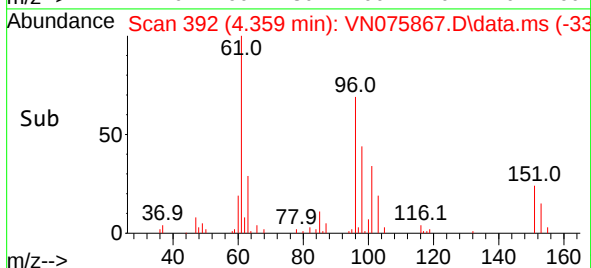
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

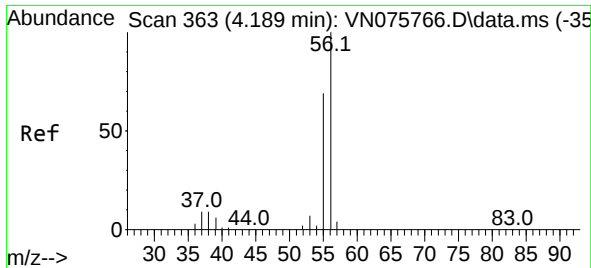


#12
1,1-Dichloroethene
Concen: 18.764 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion: 96 Resp: 47578
Ion Ratio Lower Upper
96 100
61 145.1 113.3 169.9
98 64.4 50.9 76.3





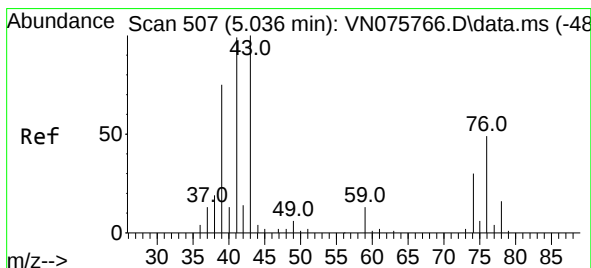
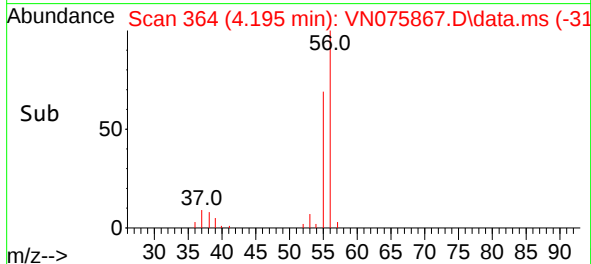
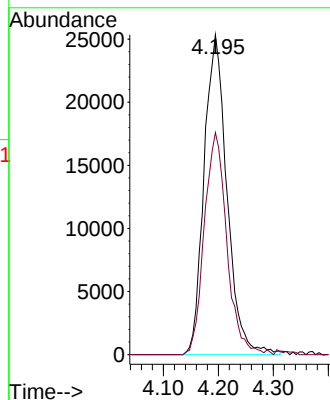
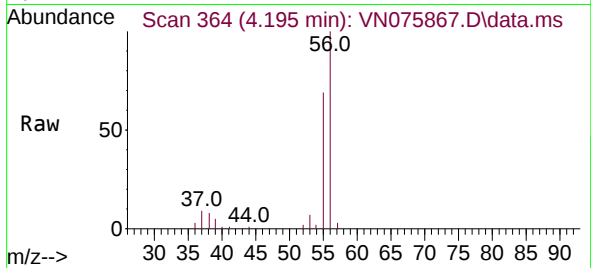
#13
Acrolein
Concen: 135.930 ug/l
RT: 4.195 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 56 Resp: 73390
Ion Ratio Lower Upper
56 100
55 68.3 54.8 82.2

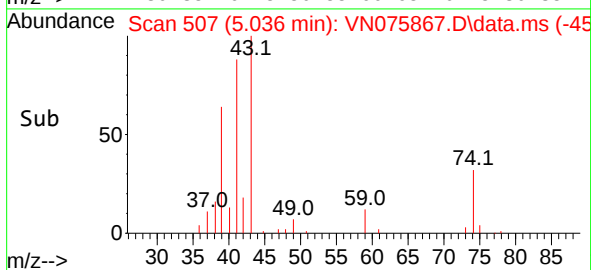
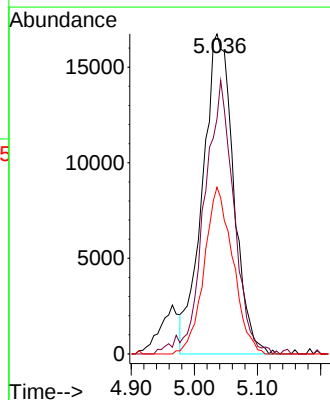
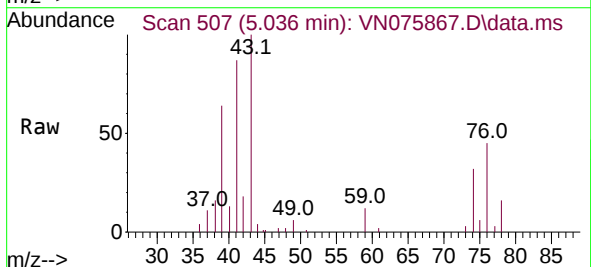
Manual Integrations
APPROVED

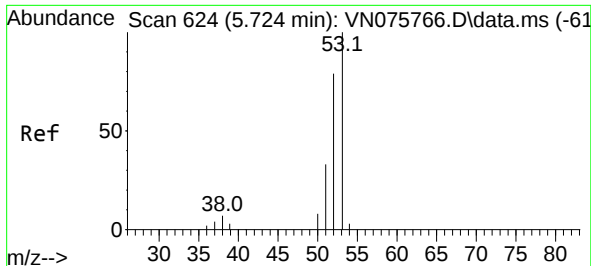
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#14
Allyl chloride
Concen: 19.274 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

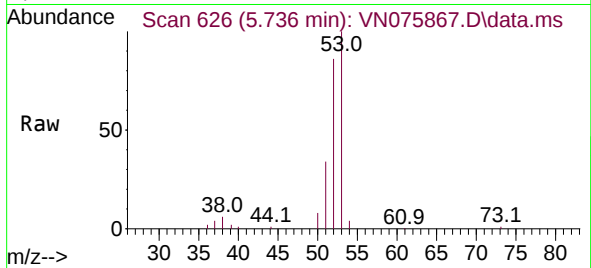
Tgt Ion: 41 Resp: 57130
Ion Ratio Lower Upper
41 100
39 81.4 58.3 87.5
76 48.2 35.8 53.6





#15
Acrylonitrile
Concen: 103.486 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

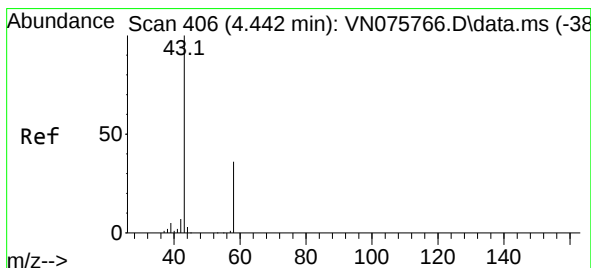
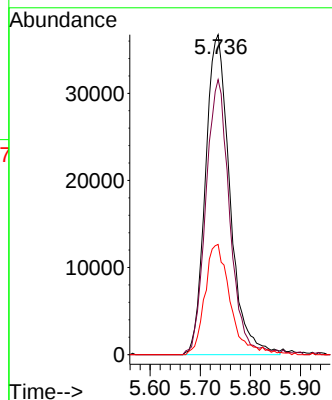
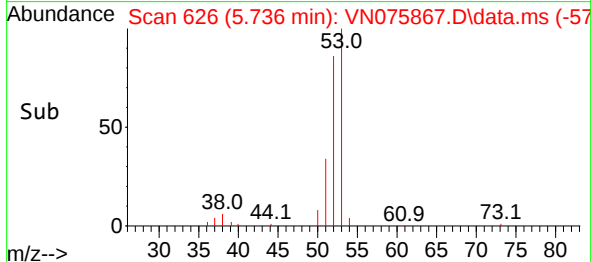
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



Tgt Ion: 53 Resp: 12437
Ion Ratio Lower Upper
53 100
52 84.0 65.4 98.0
51 35.0 28.9 43.3

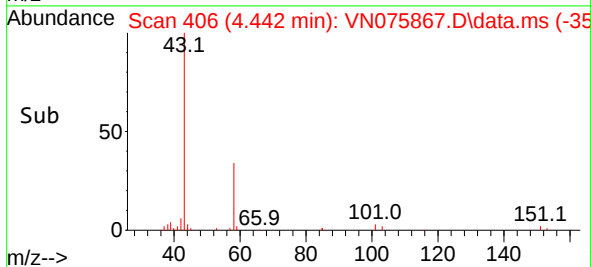
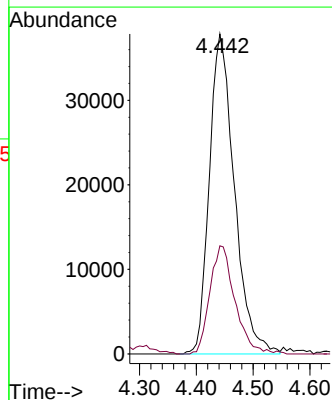
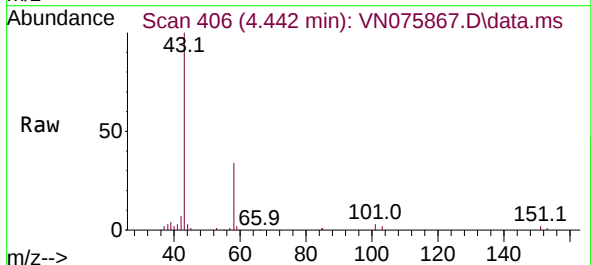
Manual Integrations
APPROVED

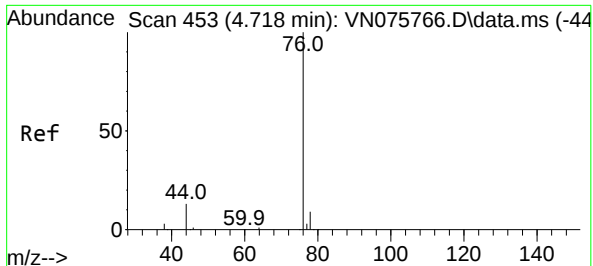
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 107.980 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 43 Resp: 115851
Ion Ratio Lower Upper
43 100
58 33.8 28.6 43.0





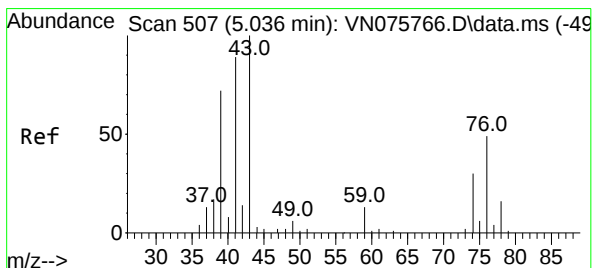
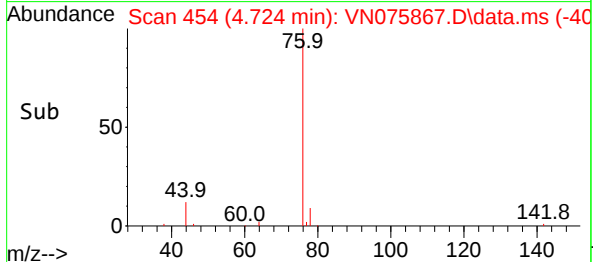
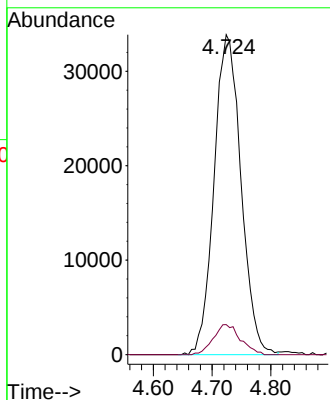
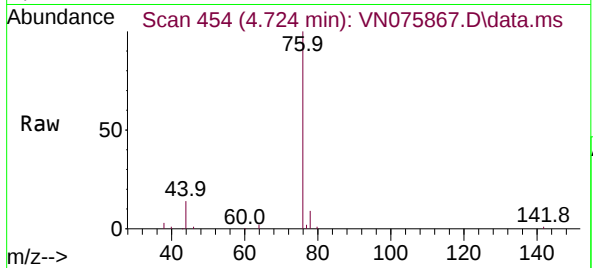
#17
Carbon Disulfide
Concen: 17.549 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 76 Resp: 107734
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

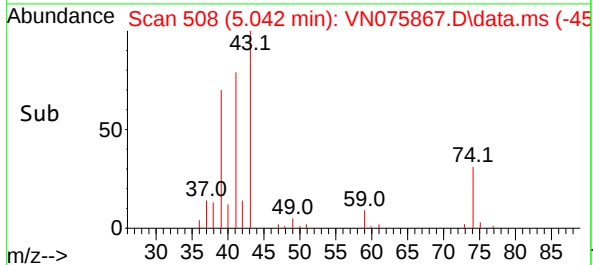
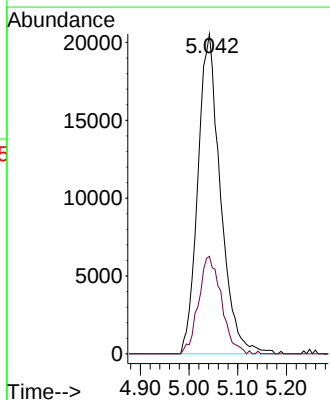
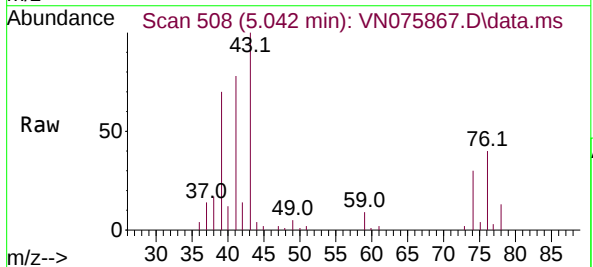
Manual Integrations
APPROVED

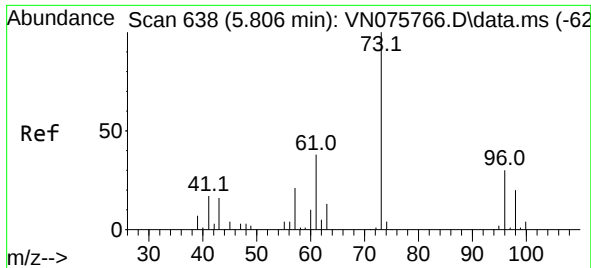
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
Methyl Acetate
Concen: 20.914 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 43 Resp: 66326
Ion Ratio Lower Upper
43 100
74 30.8 23.6 35.4





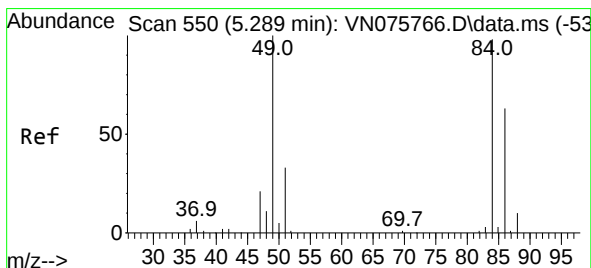
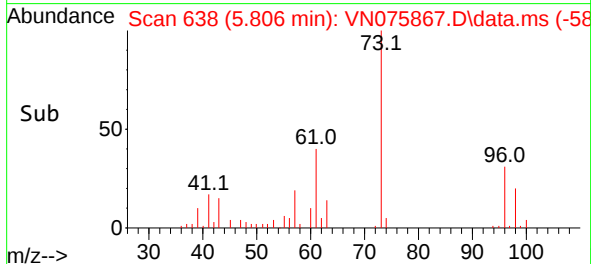
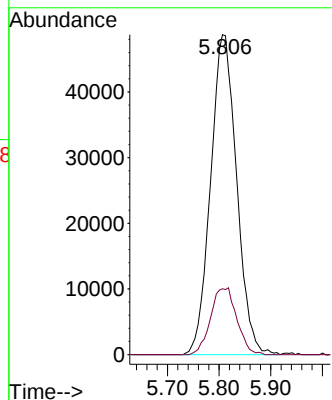
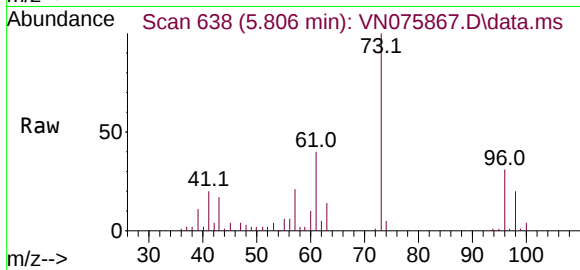
#19
Methyl tert-butyl Ether
Concen: 20.460 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
Client Sample Id :
VN1219MBS01

Tgt Ion: 73 Resp: 170834
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7

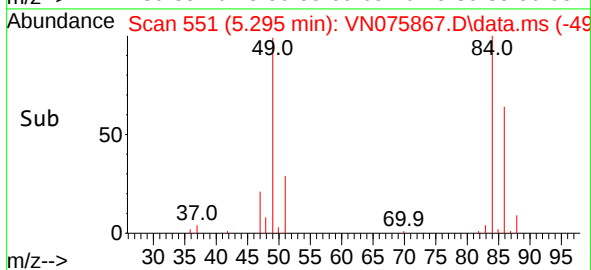
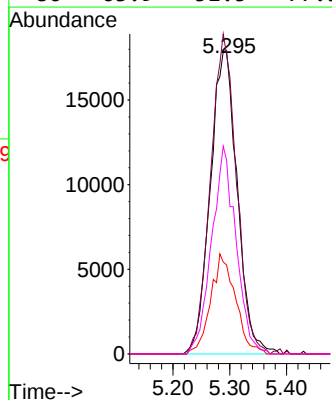
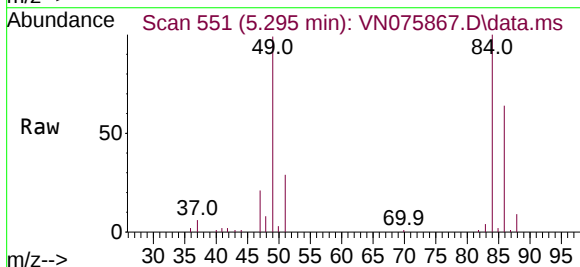
Manual Integrations
APPROVED

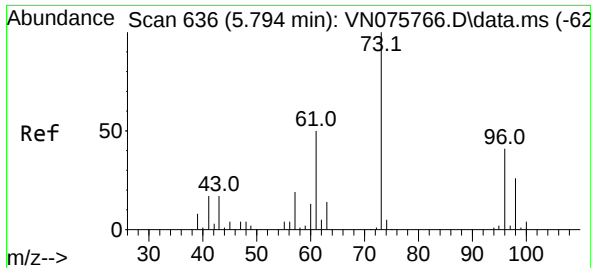
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 20.222 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 84 Resp: 59133
Ion Ratio Lower Upper
84 100
49 98.7 81.8 122.6
51 29.3 26.7 40.1
86 63.9 51.5 77.3





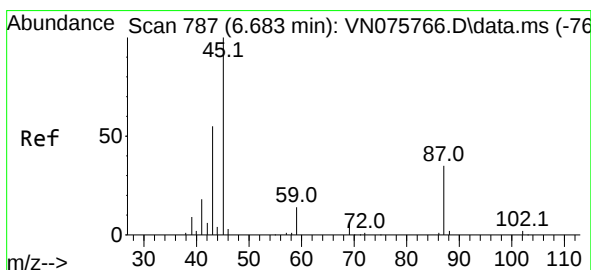
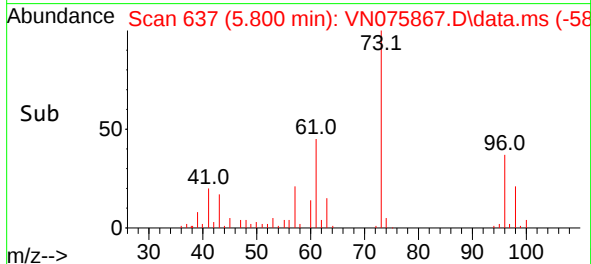
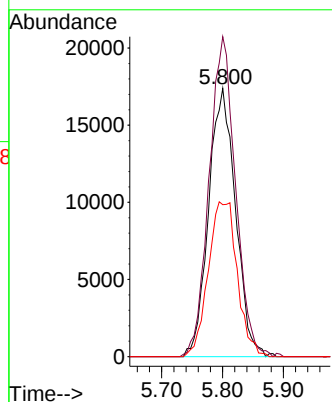
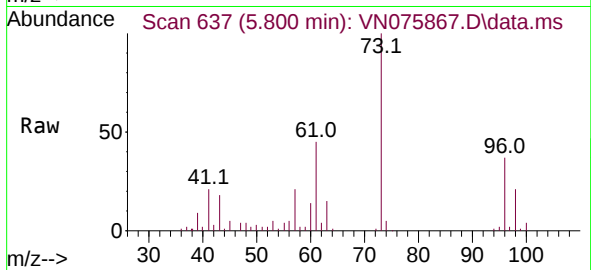
#21
trans-1,2-Dichloroethene
Concen: 19.250 ug/l
RT: 5.800 min Scan# 636
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 96 Resp: 53454
Ion Ratio Lower Upper
96 100
61 119.3 98.1 147.1
98 56.6 51.4 77.2

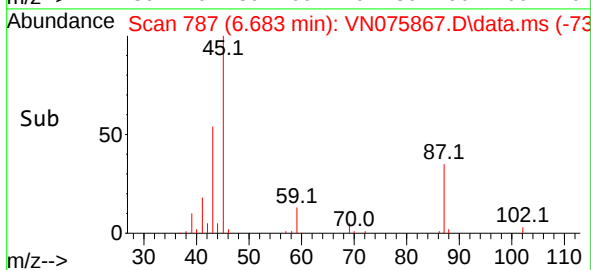
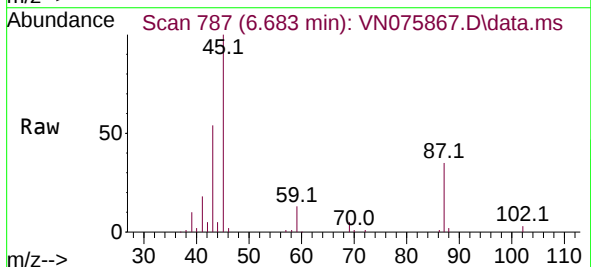
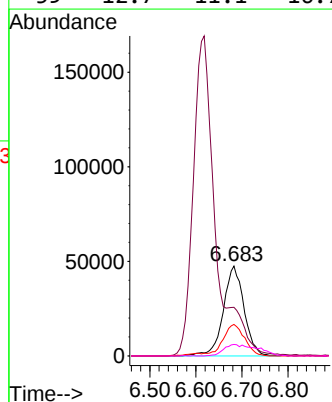
Manual Integrations
APPROVED

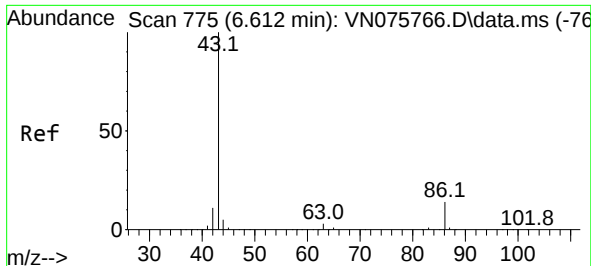
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#22
Diisopropyl ether
Concen: 20.612 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 45 Resp: 148415
Ion Ratio Lower Upper
45 100
43 52.5 44.2 66.4
87 34.9 28.3 42.5
59 12.7 11.1 16.7





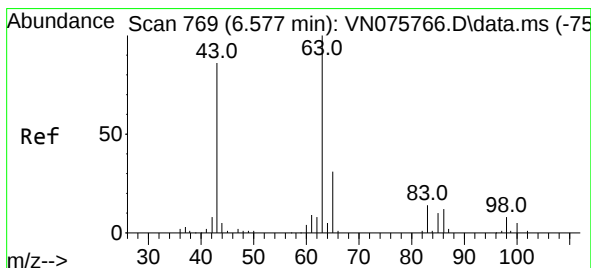
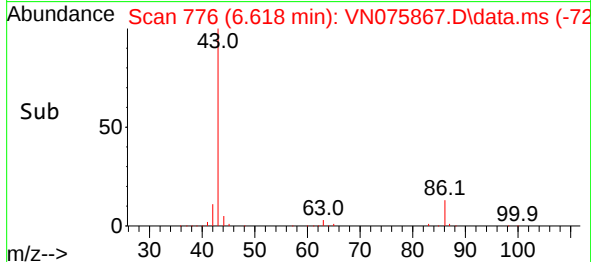
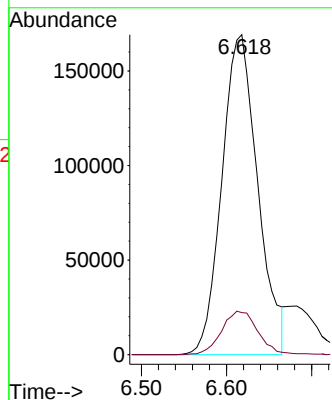
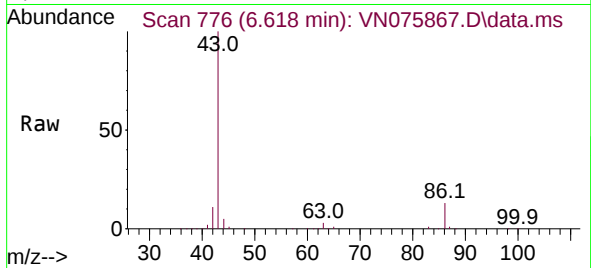
#23
 Vinyl Acetate
 Concen: 102.311 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Tgt Ion: 43 Resp: 495843
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.4 17.2

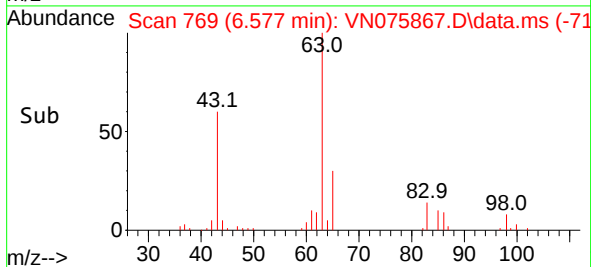
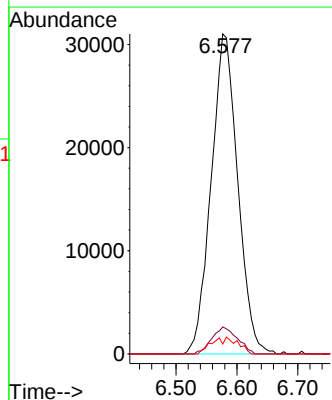
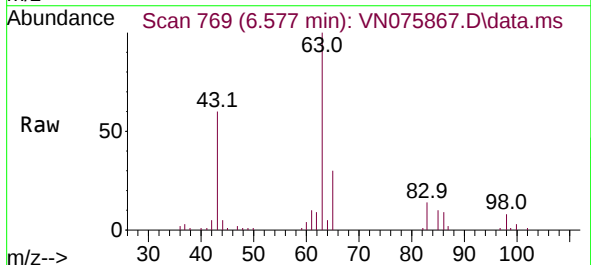
Manual Integrations
 APPROVED

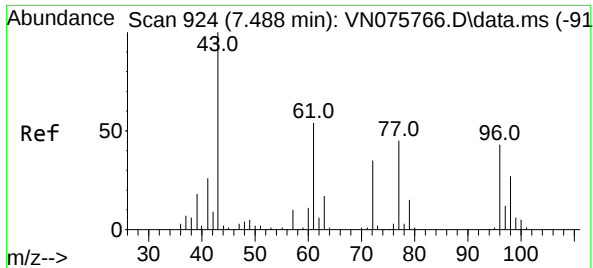
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 19.592 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34

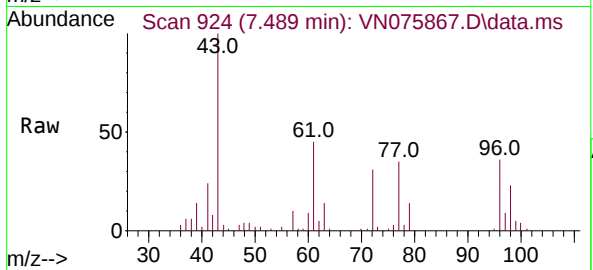
Tgt Ion: 63 Resp: 94082
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.5
 100 3.1 2.5 7.6





#25
2-Butanone
Concen: 108.062 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

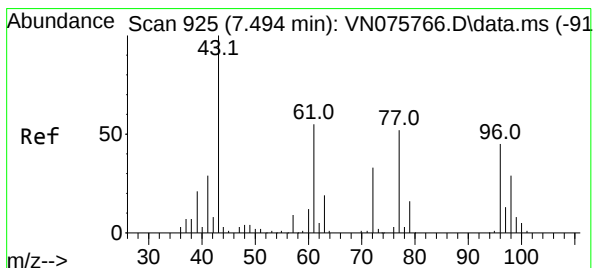
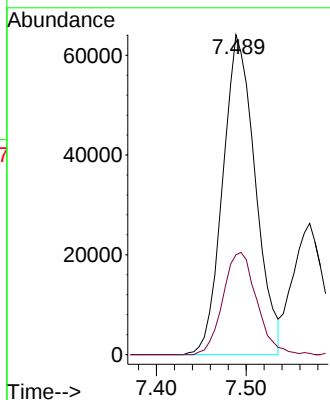
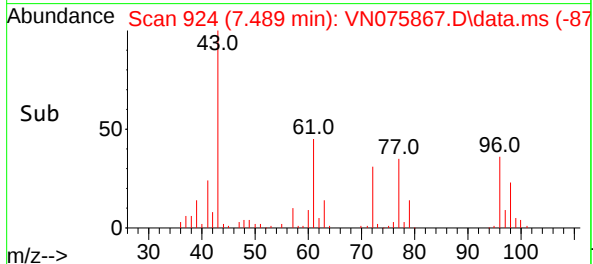
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



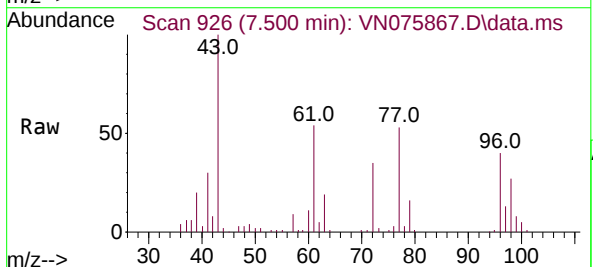
Tgt Ion: 43 Resp: 162335
Ion Ratio Lower Upper
43 100
72 31.2 28.0 42.0

Manual Integrations
APPROVED

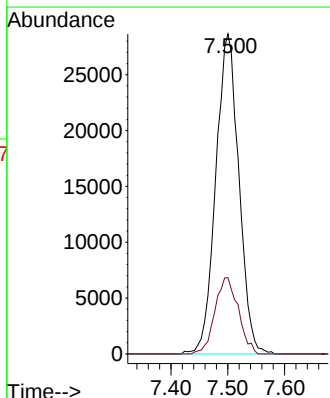
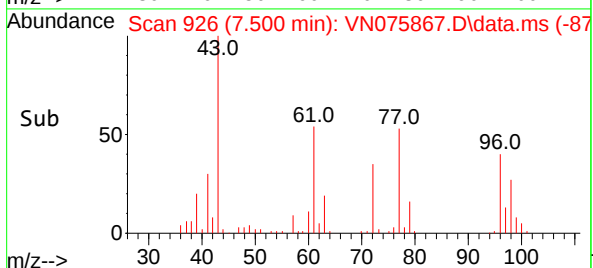
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

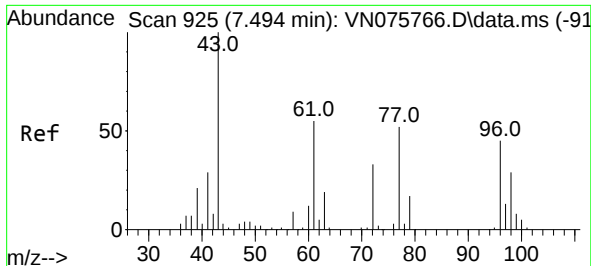


#26
2,2-Dichloropropane
Concen: 19.857 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



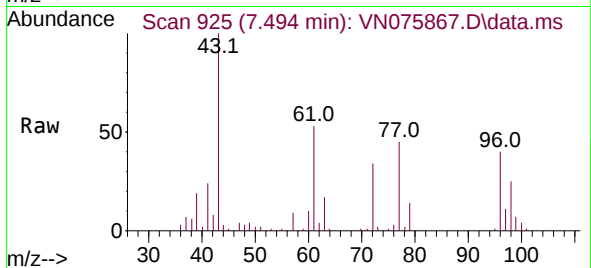
Tgt Ion: 77 Resp: 80752
Ion Ratio Lower Upper
77 100
97 24.1 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.197 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34

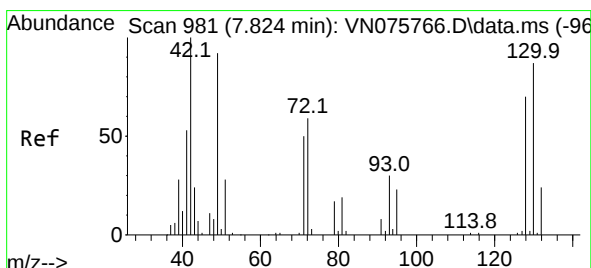
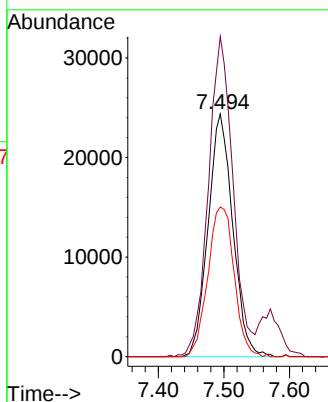
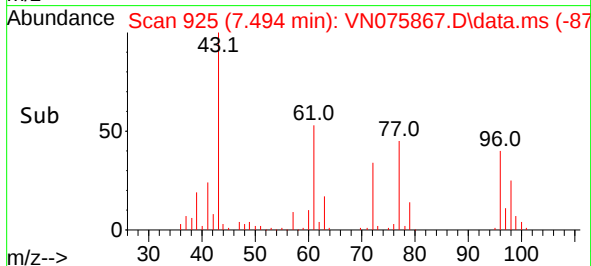
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01



Tgt Ion: 96 Resp: 6375
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 247.8
 98 65.7 0.0 128.4

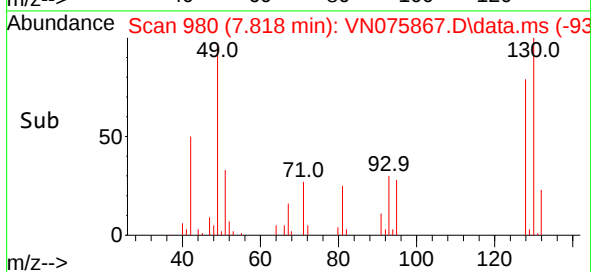
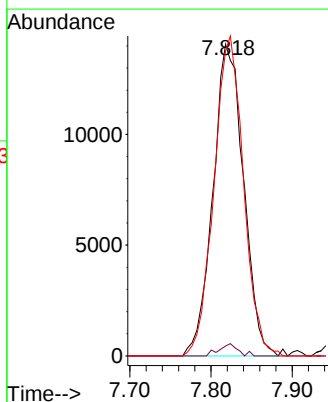
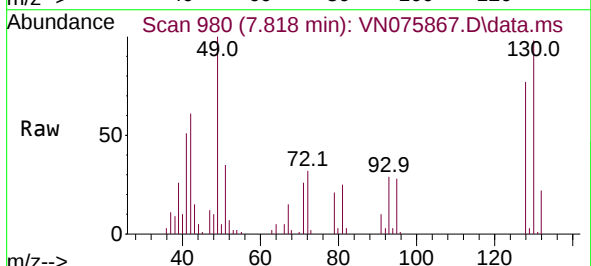
Manual Integrations
 APPROVED

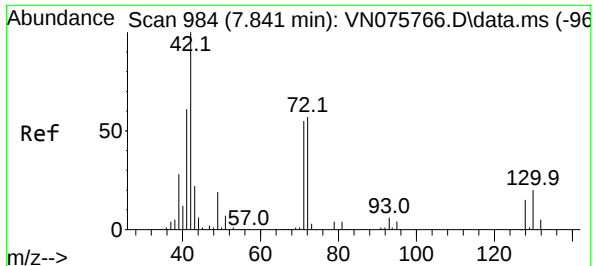
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 17.443 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34

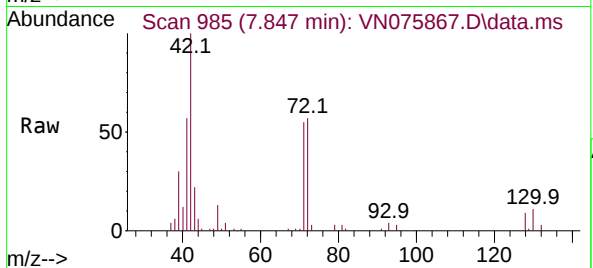
Tgt Ion: 49 Resp: 36714
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 99.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 106.578 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

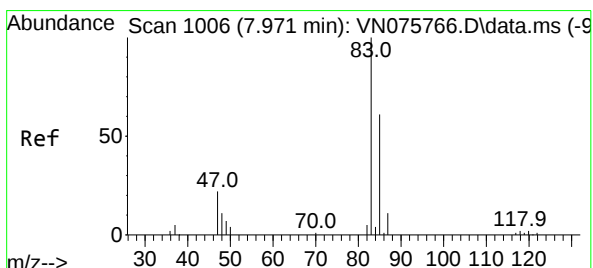
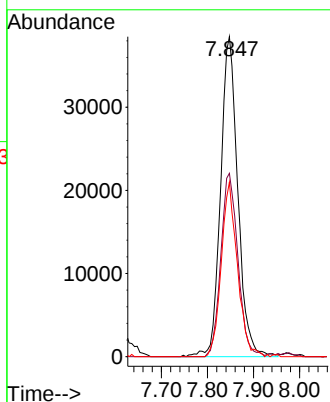
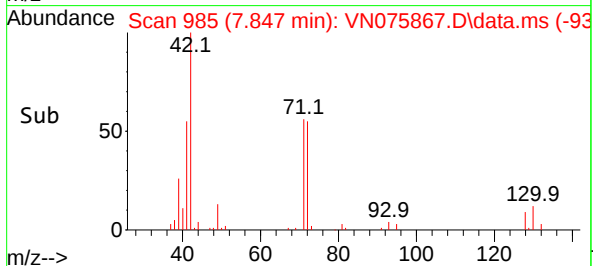
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



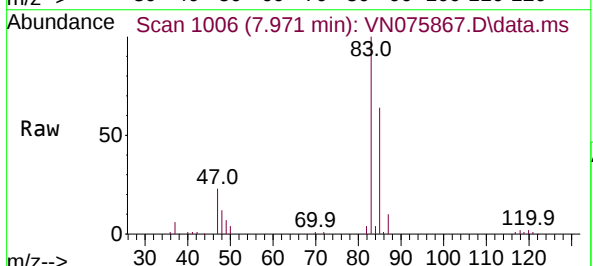
Tgt Ion: 42 Resp: 100334
Ion Ratio Lower Upper
42 100
72 56.7 44.5 66.7
71 51.1 41.0 61.6

Manual Integrations
APPROVED

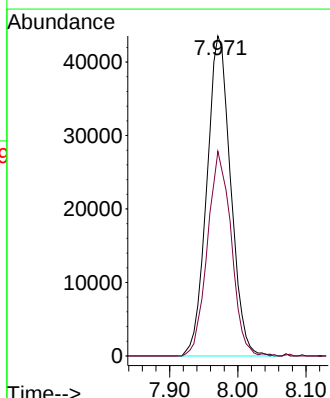
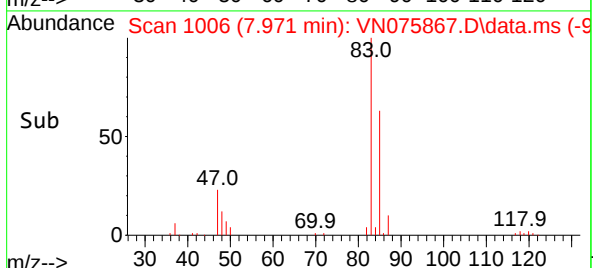
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

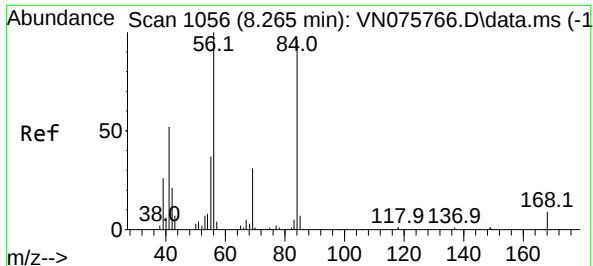


#30
Chloroform
Concen: 19.522 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



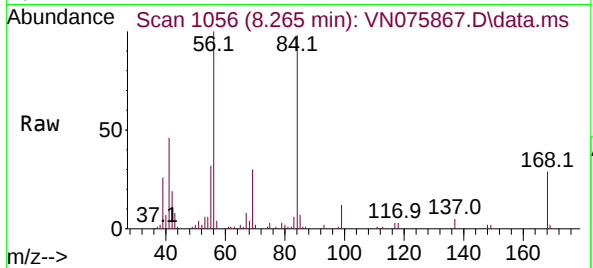
Tgt Ion: 83 Resp: 105548
Ion Ratio Lower Upper
83 100
85 63.9 49.1 73.7





#31
Cyclohexane
Concen: 18.744 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

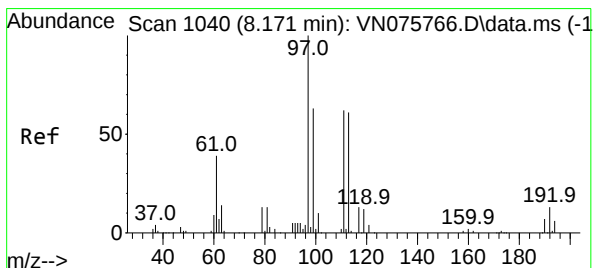
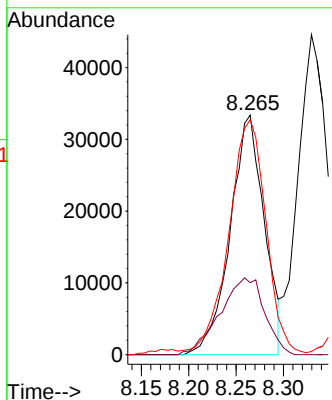
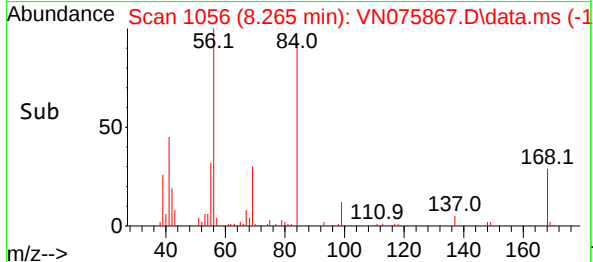
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



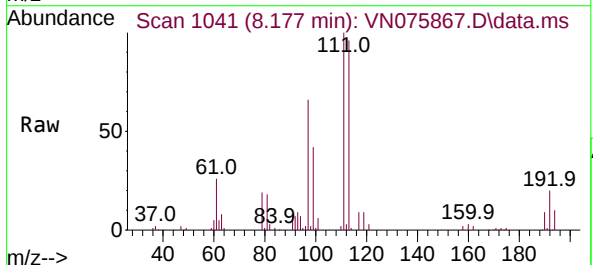
Tgt Ion: 56 Resp: 83550
Ion Ratio Lower Upper
56 100
69 30.0 24.7 37.1
84 96.7 76.5 114.7

Manual Integrations
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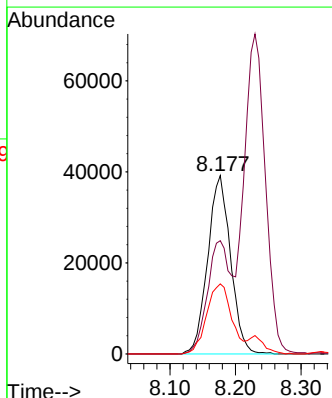
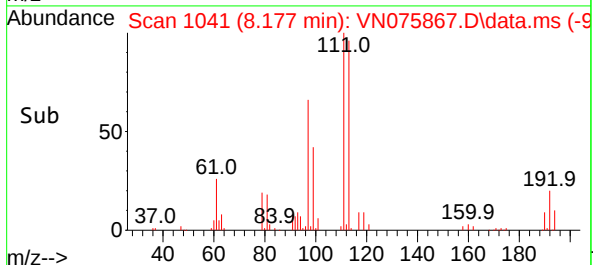
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

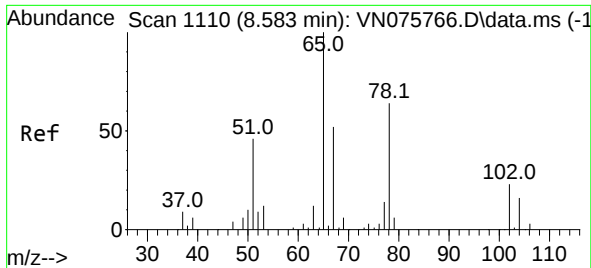


#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion: 97 Resp: 95002
Ion Ratio Lower Upper
97 100
99 67.7 50.2 75.2
61 42.4 34.5 51.7





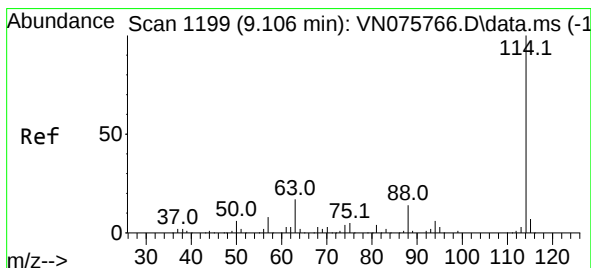
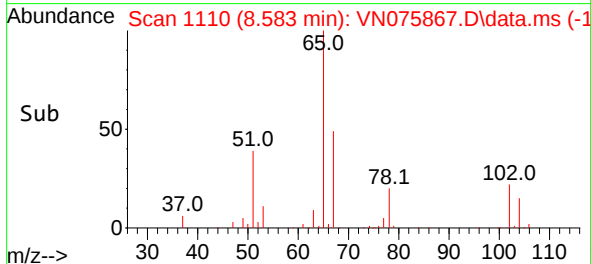
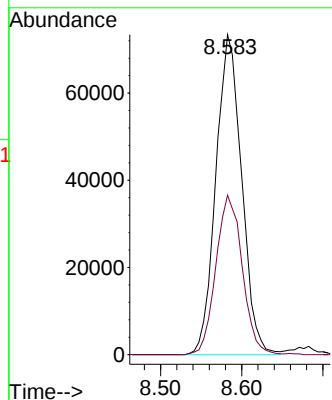
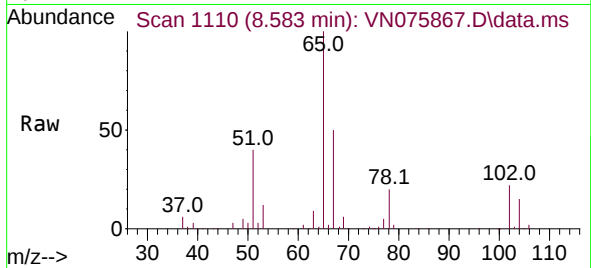
#33
1,2-Dichloroethane-d4
Concen: 52.075 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 65 Resp: 162075
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

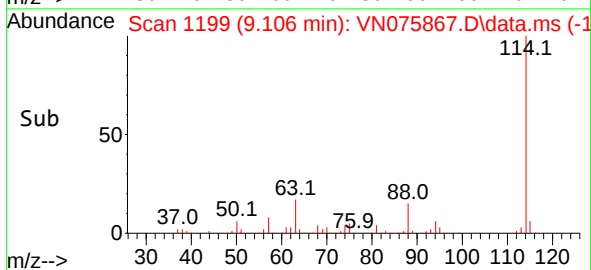
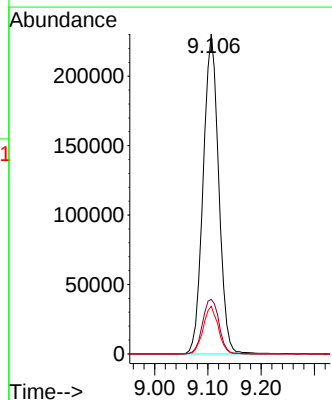
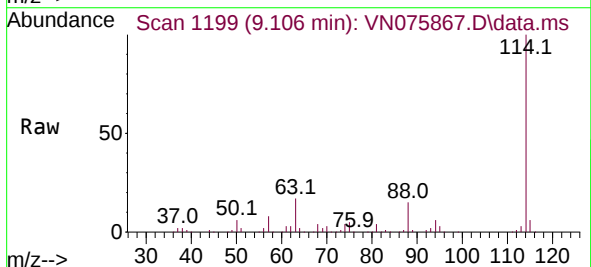
Manual Integrations
APPROVED

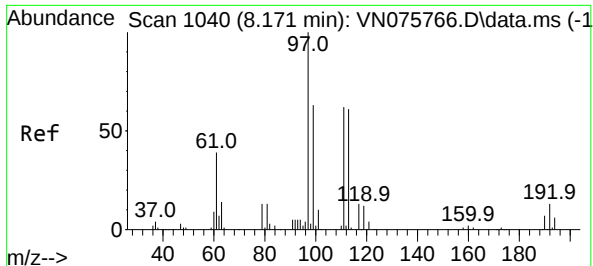
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion:114 Resp: 464895
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.4
88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.919 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

Tgt Ion: 113 Resp: 143719

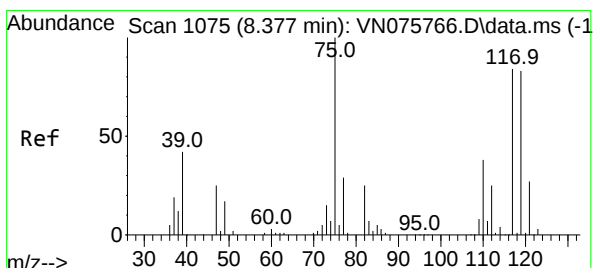
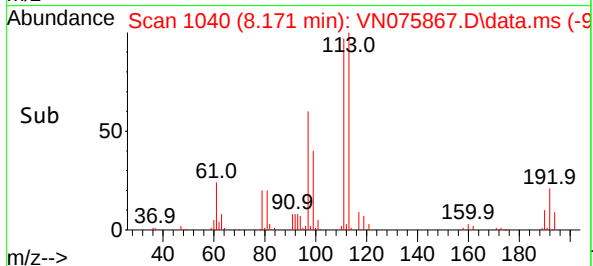
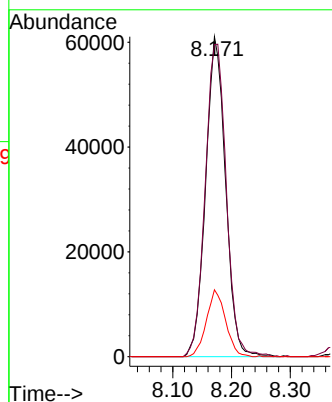
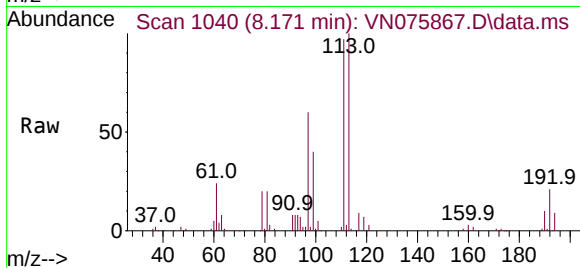
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	20.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#36

1,1-Dichloropropene

Concen: 18.921 ug/l

RT: 8.377 min Scan# 1075

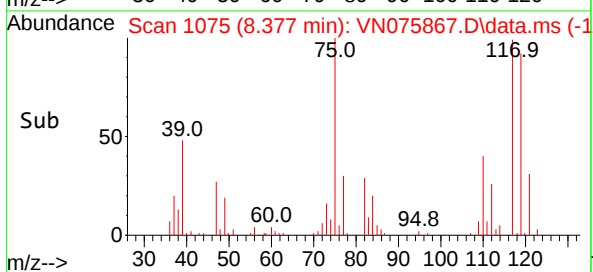
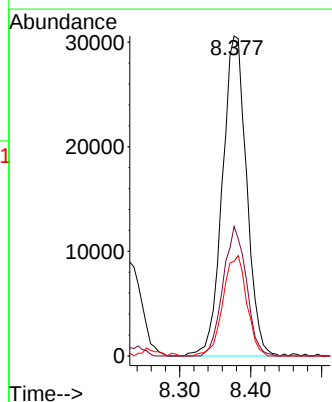
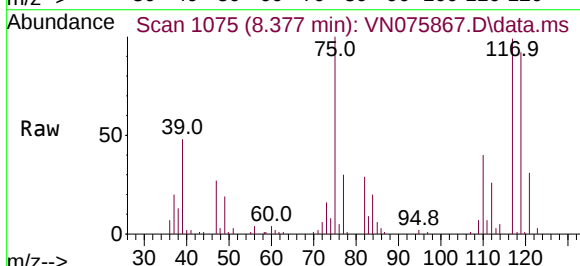
Delta R.T. 0.000 min

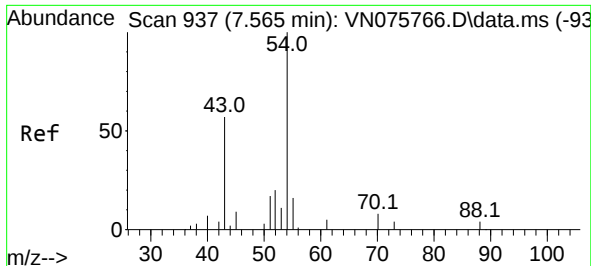
Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Tgt Ion: 75 Resp: 72365

Ion	Ratio	Lower	Upper
75	100		
110	39.0	18.8	56.4
77	30.8	24.1	36.1





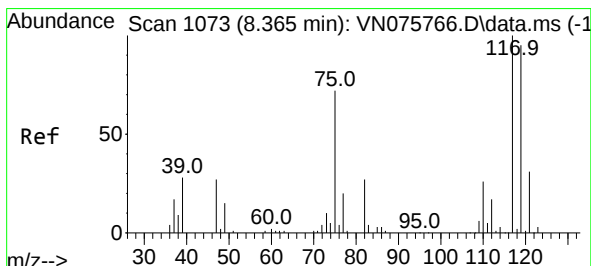
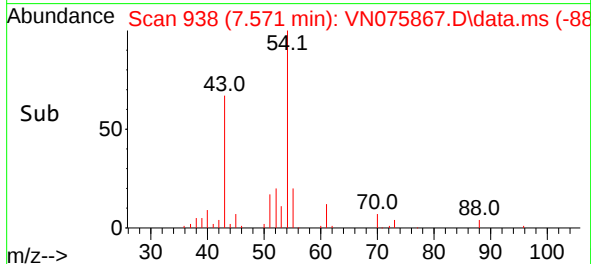
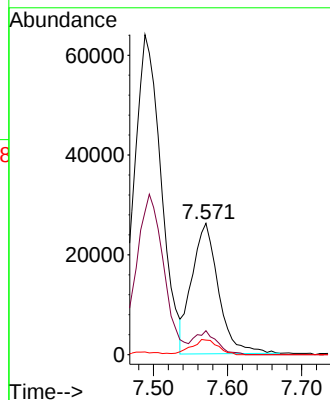
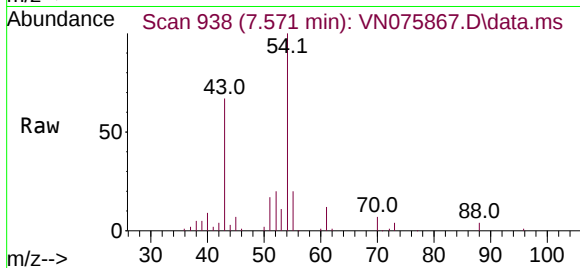
#37
Ethyl Acetate
Concen: 21.210 ug/l
RT: 7.571 min Scan# 937
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 43 Resp: 65158
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 11.4 9.4 14.0

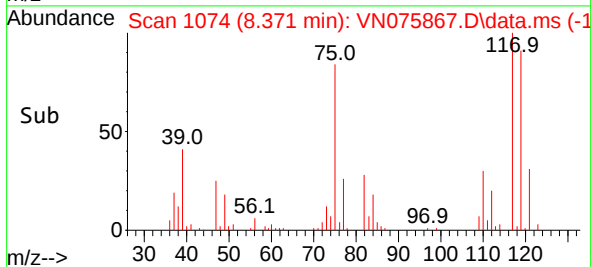
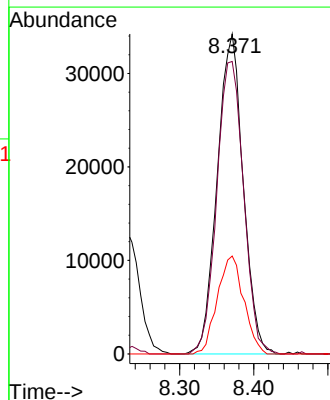
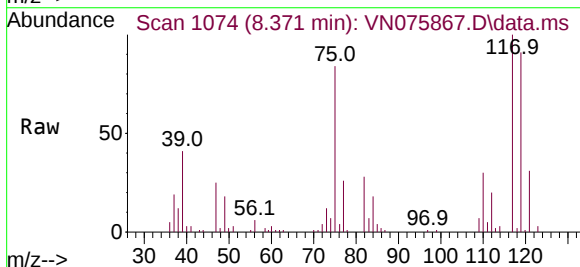
Manual Integrations
APPROVED

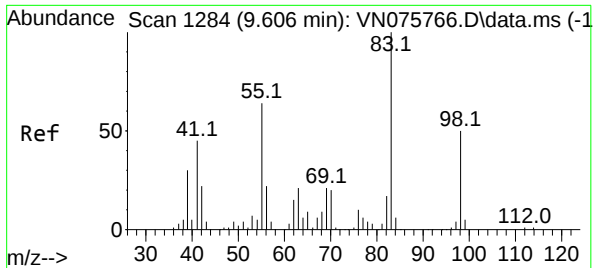
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Carbon Tetrachloride
Concen: 19.427 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 117 Resp: 83155
Ion Ratio Lower Upper
117 100
119 91.4 76.1 114.1
121 30.6 24.5 36.7





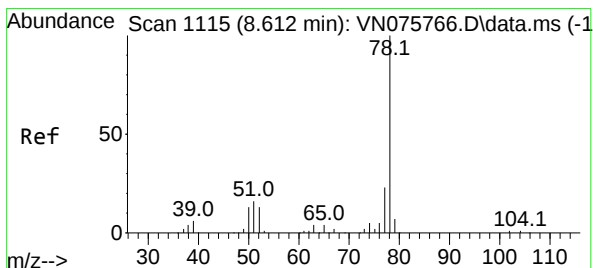
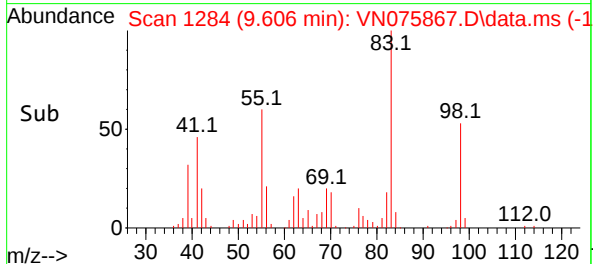
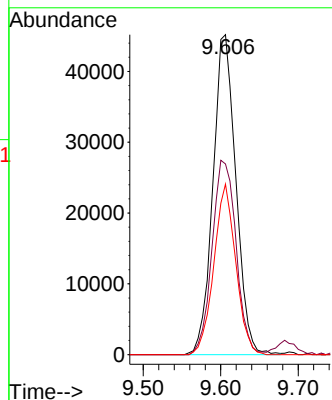
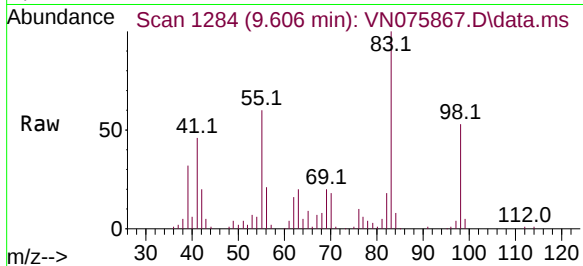
#39
Methylcyclohexane
Concen: 20.183 ug/l
RT: 9.606 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 83 Resp: 93123
Ion Ratio Lower Upper
83 100
55 59.6 51.4 77.0
98 53.3 39.8 59.8

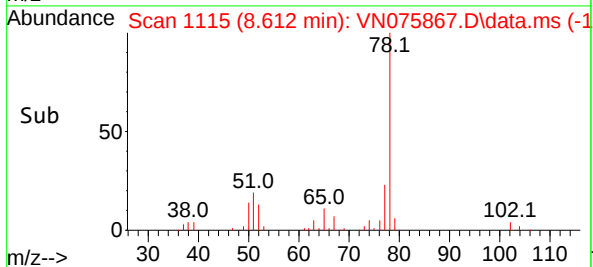
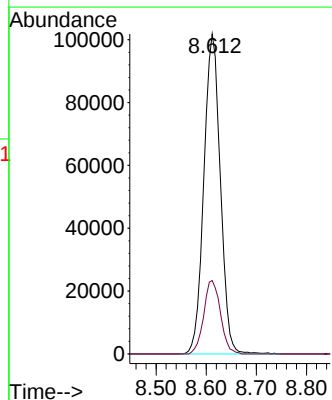
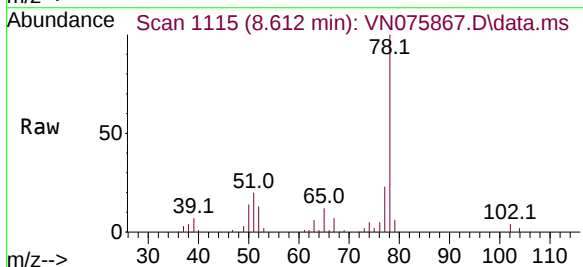
Manual Integrations
APPROVED

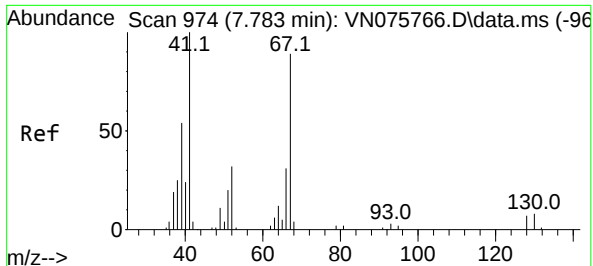
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40
Benzene
Concen: 19.683 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

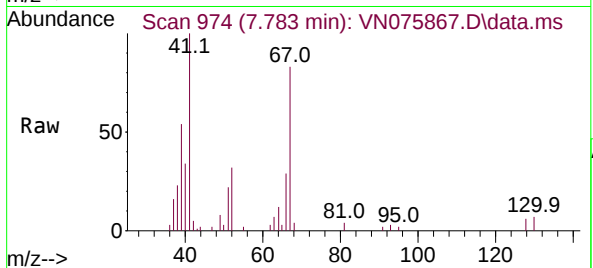
Tgt Ion: 78 Resp: 232257
Ion Ratio Lower Upper
78 100
77 22.9 18.5 27.7





#41
Methacrylonitrile
Concen: 21.115 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

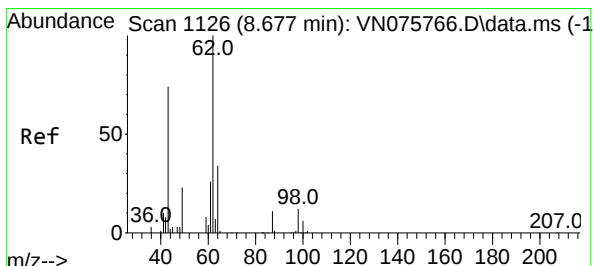
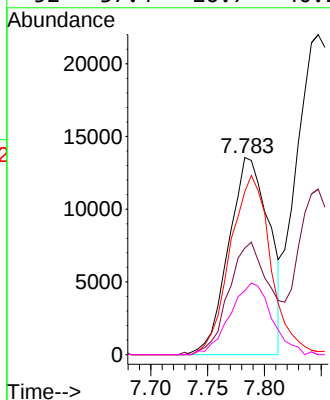
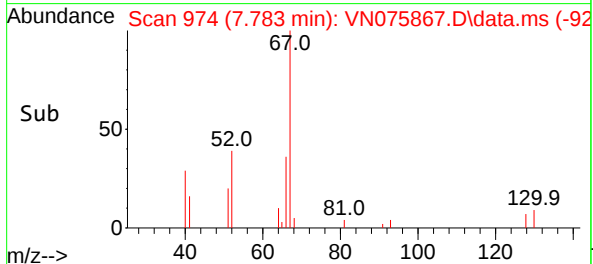
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



Tgt Ion: 41 Resp: 3371
Ion Ratio Lower Upper
41 100
39 59.9 43.1 64.7
67 91.3 70.7 106.1
52 37.4 26.7 40.1

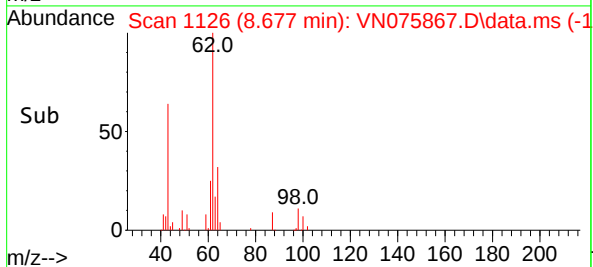
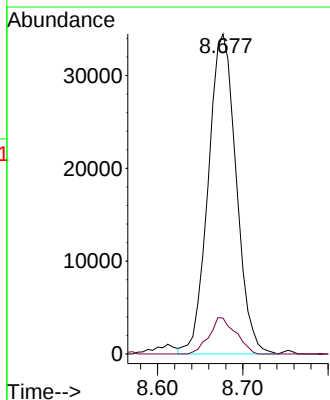
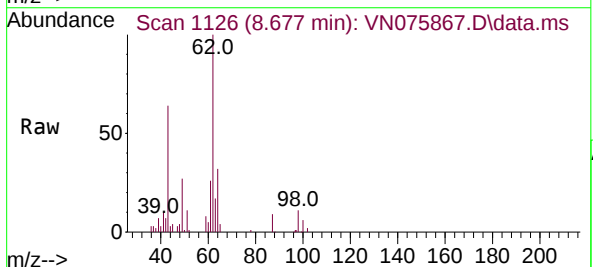
Manual Integrations
APPROVED

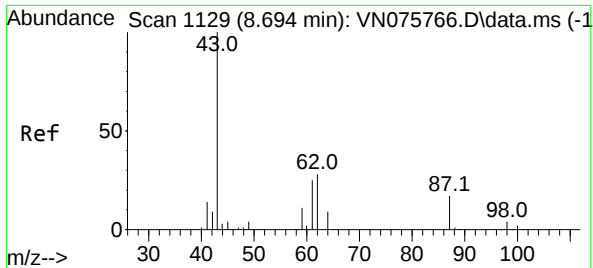
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 20.048 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

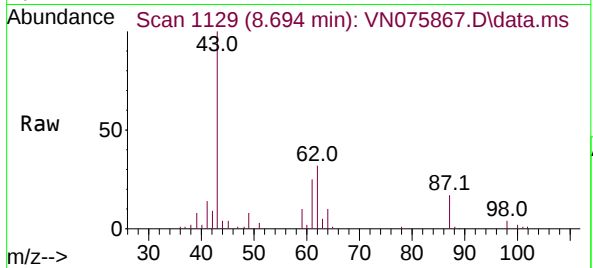
Tgt Ion: 62 Resp: 78649
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8





#43
Isopropyl Acetate
Concen: 20.914 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

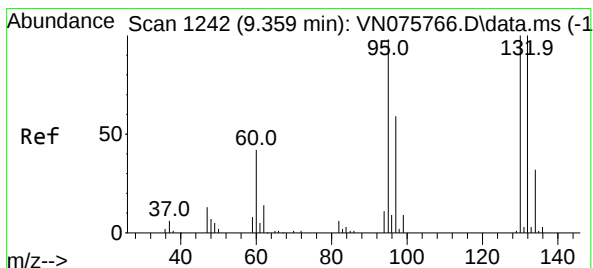
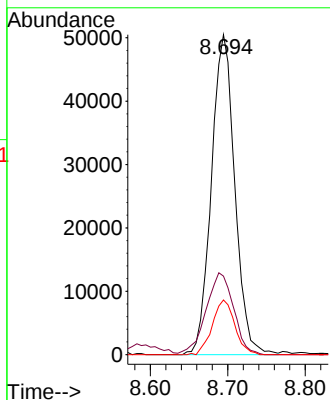
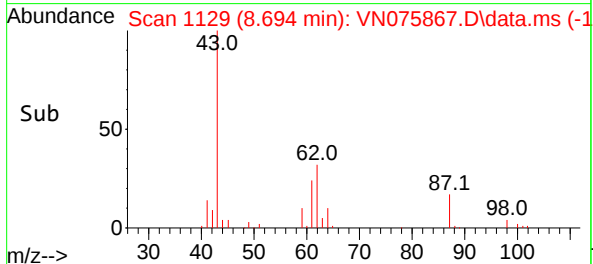
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



Tgt Ion: 43 Resp: 105982
Ion Ratio Lower Upper
43 100
61 30.1 24.2 36.4
87 16.4 13.3 19.9

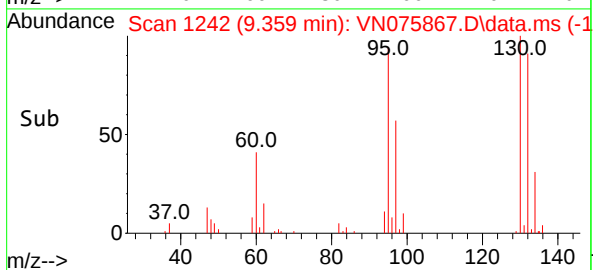
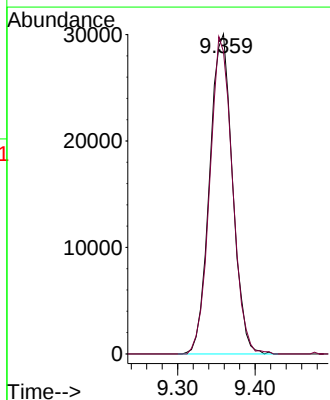
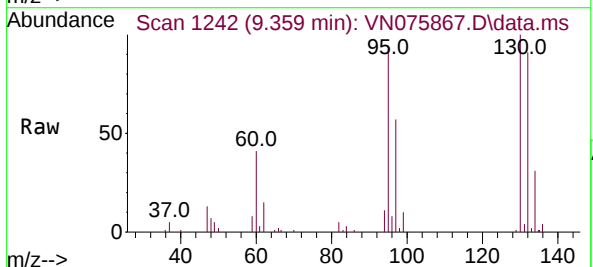
Manual Integrations
APPROVED

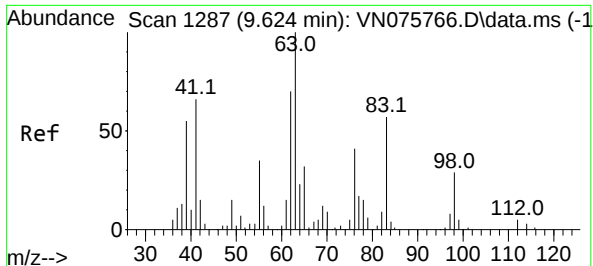
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
Trichloroethene
Concen: 18.564 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion:130 Resp: 61711
Ion Ratio Lower Upper
130 100
95 94.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.676 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

Tgt Ion: 63 Resp: 56500

Ion Ratio Lower Upper

63 100

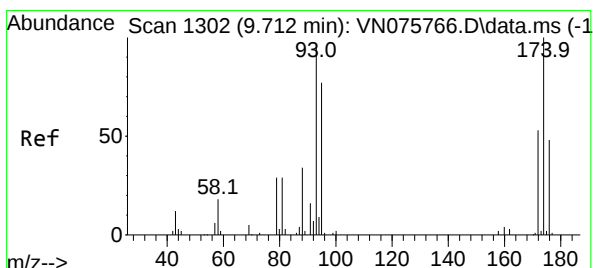
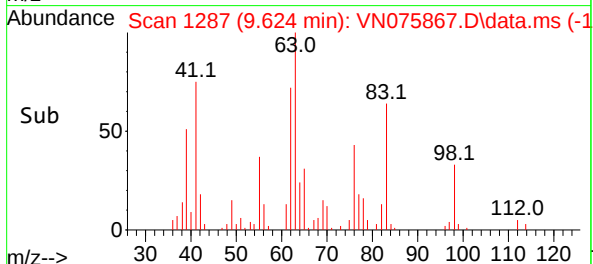
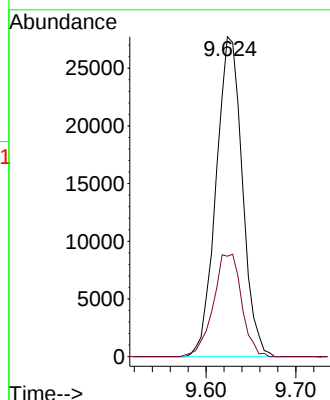
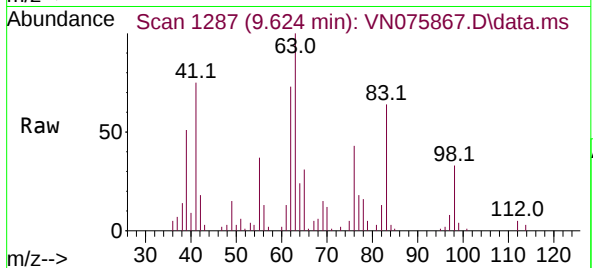
65 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 19.358 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

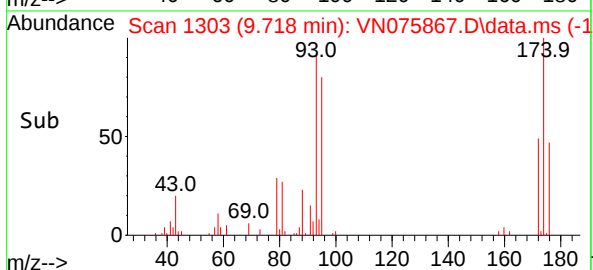
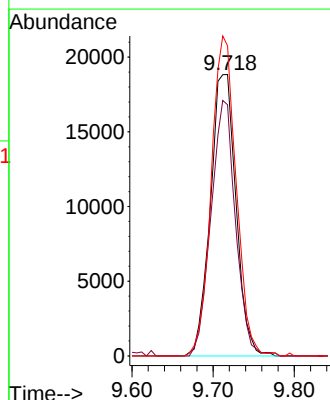
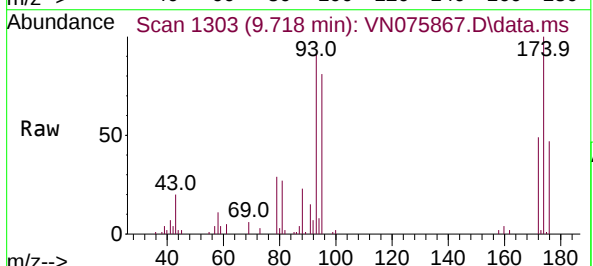
Tgt Ion: 93 Resp: 41228

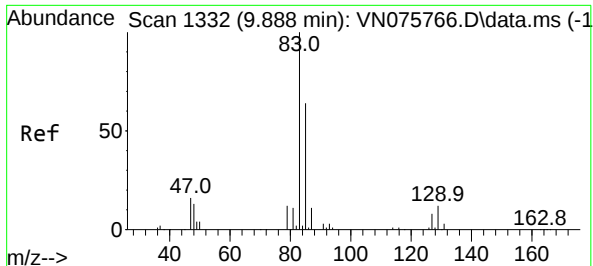
Ion Ratio Lower Upper

93 100

95 87.0 65.2 97.8

174 110.1 82.4 123.6





#47

Bromodichloromethane

Concen: 19.881 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

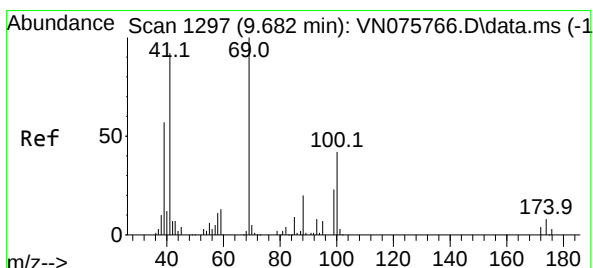
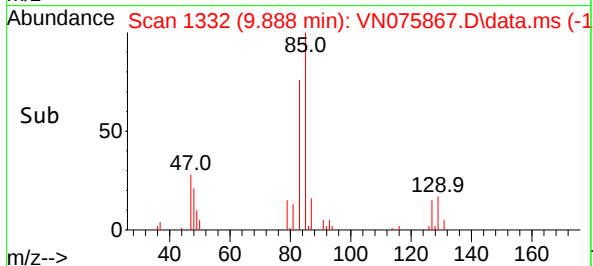
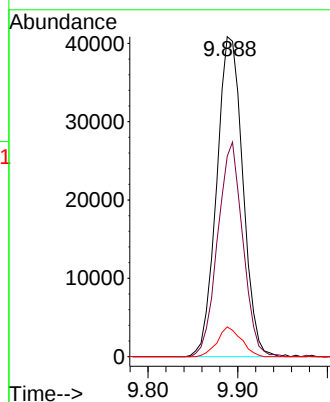
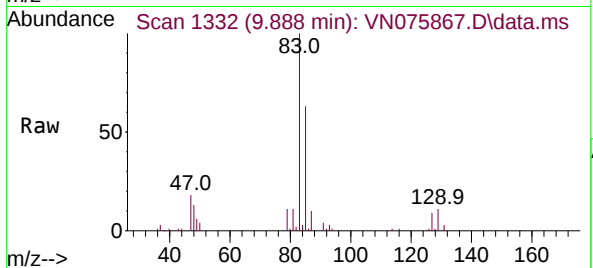
Tgt Ion: 83	Resp: 83032
Ion Ratio	Lower Upper
83 100	
85 62.6	51.5 77.3
127 9.3	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#48

Methyl methacrylate

Concen: 21.307 ug/l

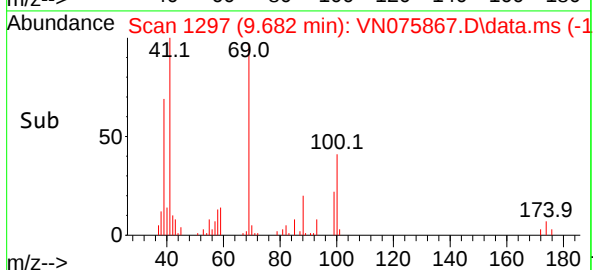
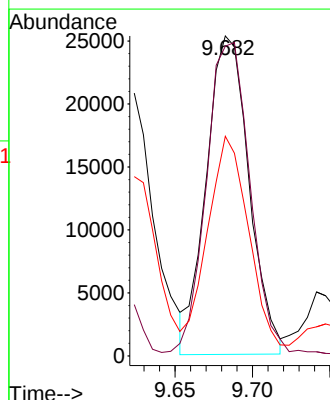
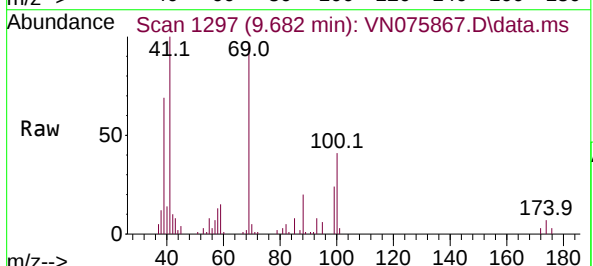
RT: 9.682 min Scan# 1297

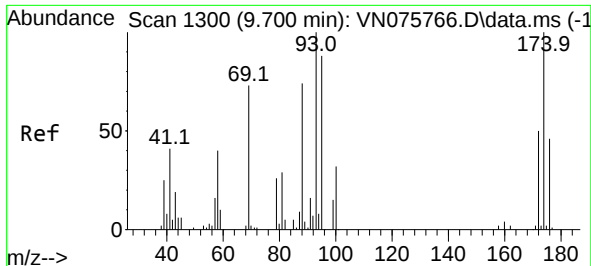
Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Tgt Ion: 41	Resp: 48630
Ion Ratio	Lower Upper
41 100	
69 102.3	81.9 122.9
39 68.2	51.6 77.4





#49

1,4-Dioxane

Concen: 418.335 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

Tgt Ion: 88 Resp: 23473

Ion Ratio Lower Upper

88 100

43 21.6 17.1 25.7

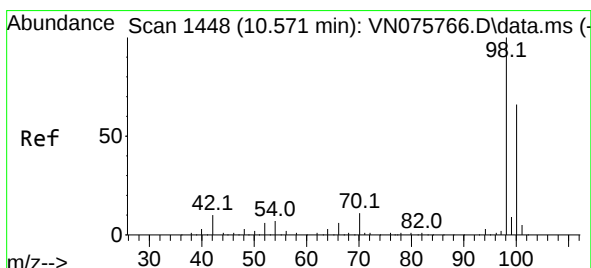
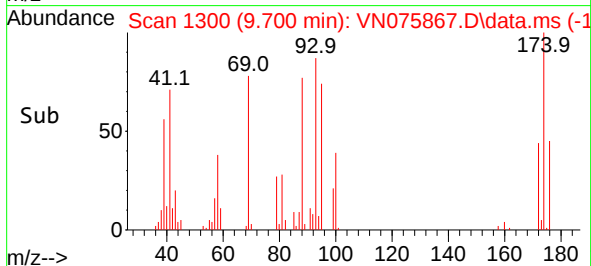
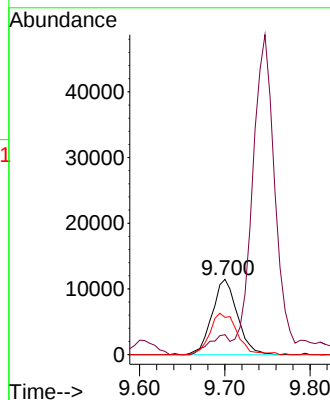
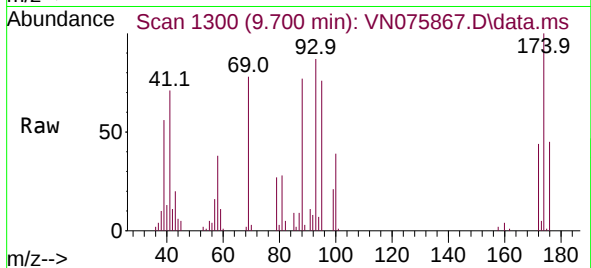
58 59.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 49.976 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075867.D

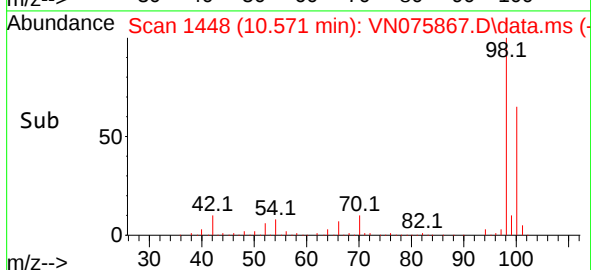
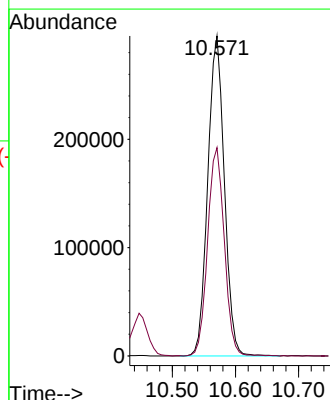
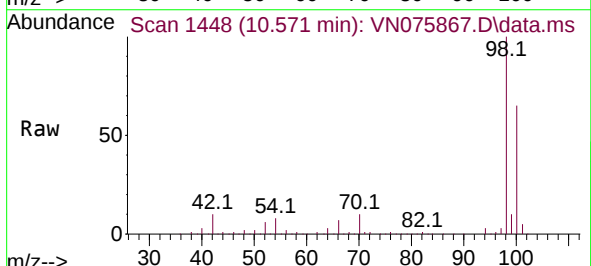
Acq: 19 Dec 2022 13:34

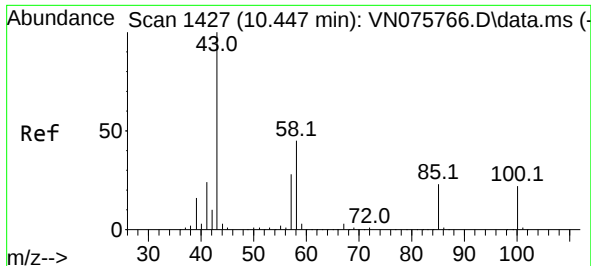
Tgt Ion: 98 Resp: 537958

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1





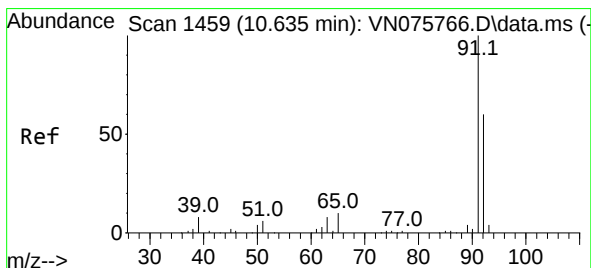
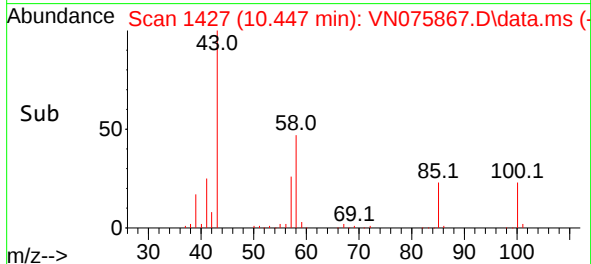
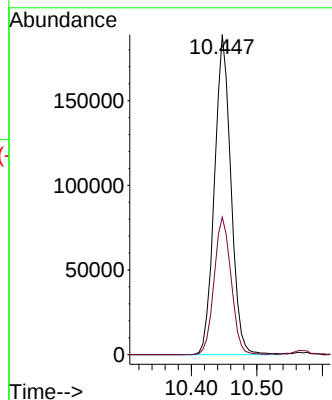
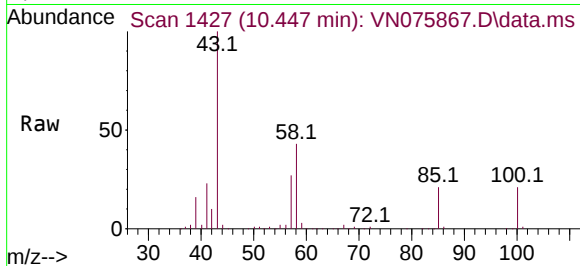
#51
4-Methyl-2-Pentanone
Concen: 107.619 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 43 Resp: 329810
Ion Ratio Lower Upper
43 100
58 44.3 35.5 53.3

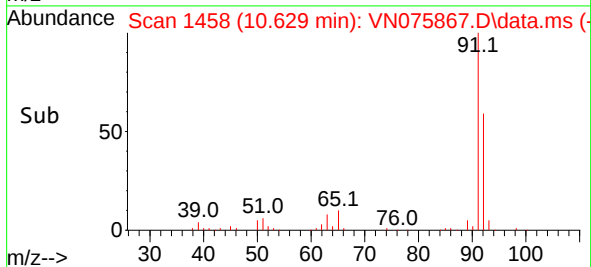
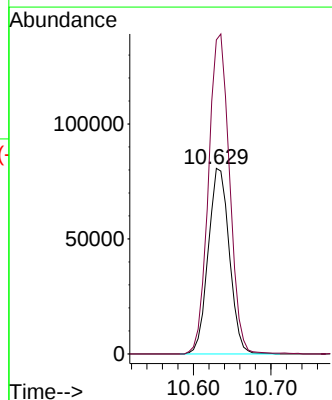
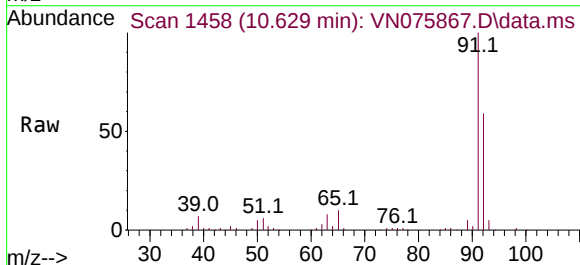
Manual Integrations
APPROVED

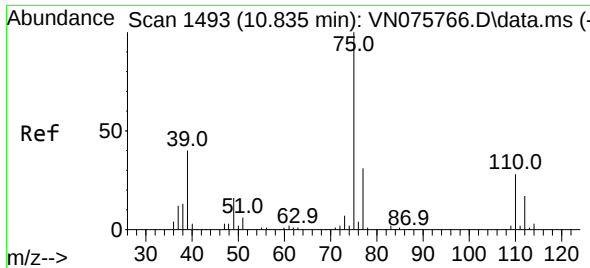
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 19.821 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

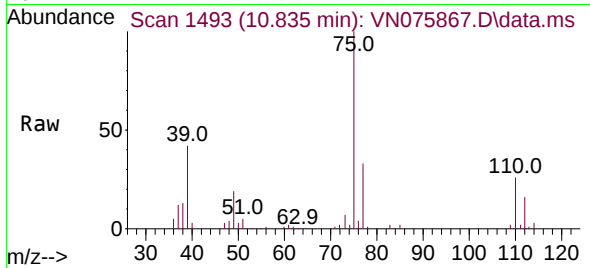
Tgt Ion: 92 Resp: 152321
Ion Ratio Lower Upper
92 100
91 172.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.195 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

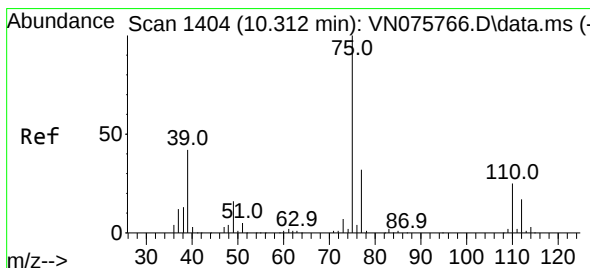
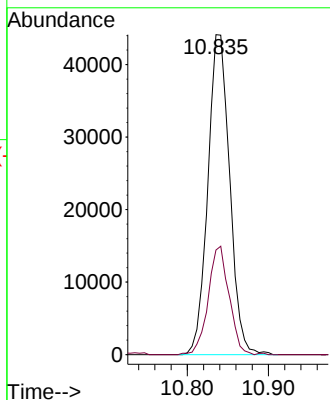
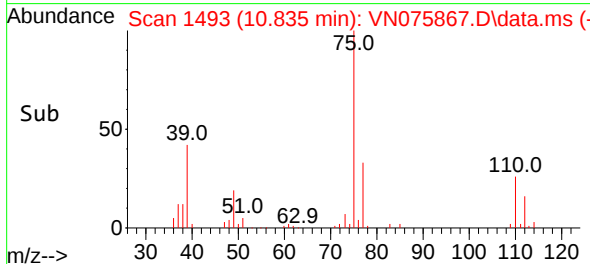
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



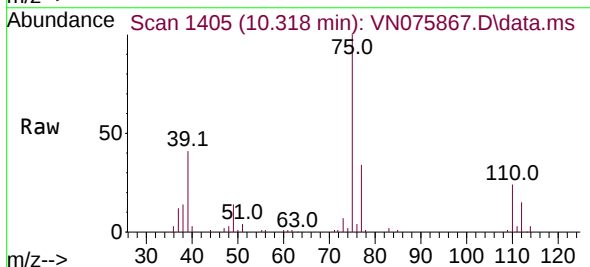
Tgt Ion: 75 Resp: 82566
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3

Manual Integrations
APPROVED

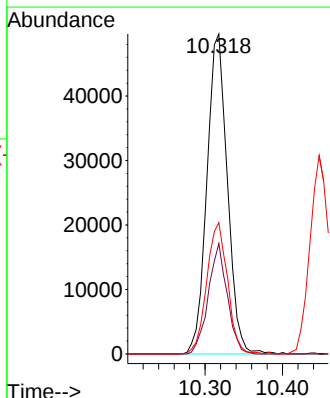
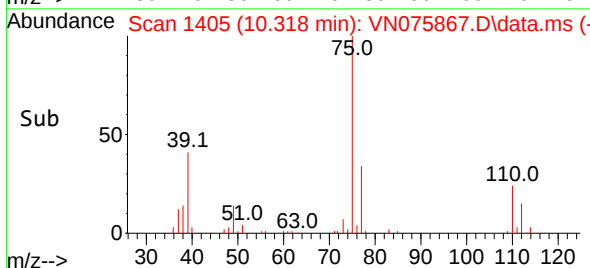
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

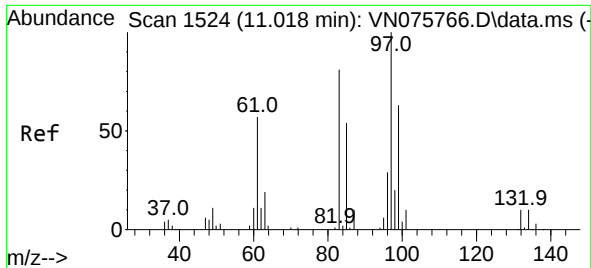


#54
cis-1,3-Dichloropropene
Concen: 20.306 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion: 75 Resp: 91150
Ion Ratio Lower Upper
75 100
77 34.5 25.8 38.8
39 41.0 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 20.916 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

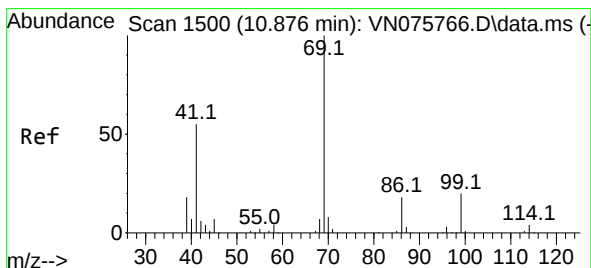
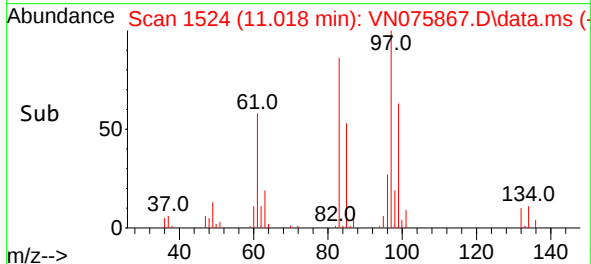
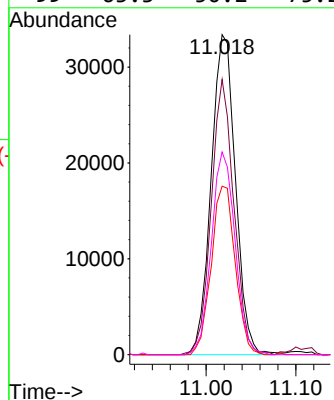
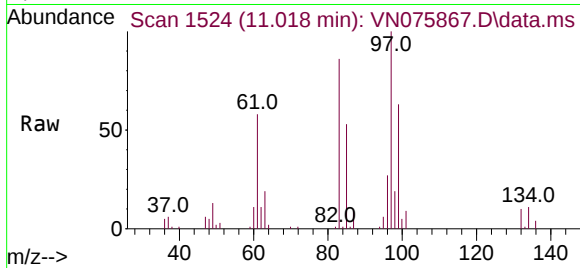
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 97 Resp: 63090

Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.0	97.4
85	52.6	43.0	64.6
99	63.3	50.2	75.2

Manual Integrations
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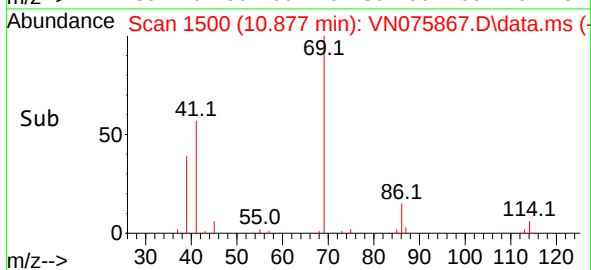
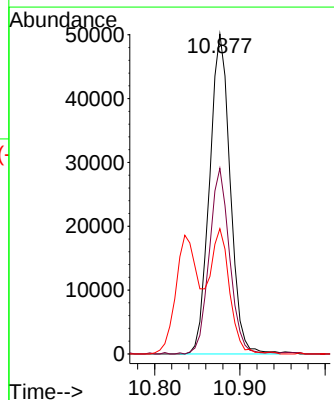
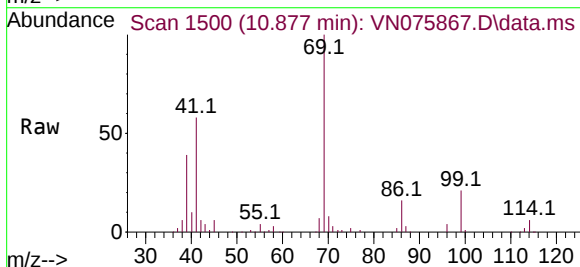
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

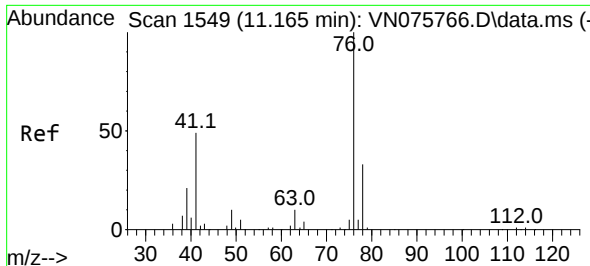


#56
Ethyl methacrylate
Concen: 21.029 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion: 69 Resp: 84255

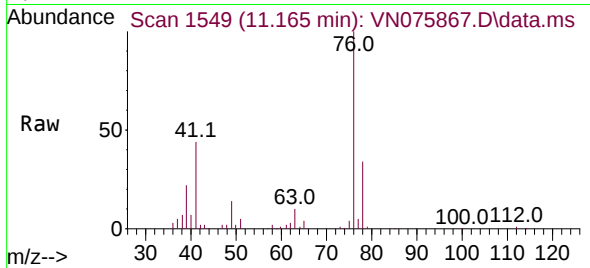
Ion	Ratio	Lower	Upper
69	100		
41	57.2	44.2	66.4
39	35.3	26.4	39.6





#57
1,3-Dichloropropane
Concen: 20.321 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

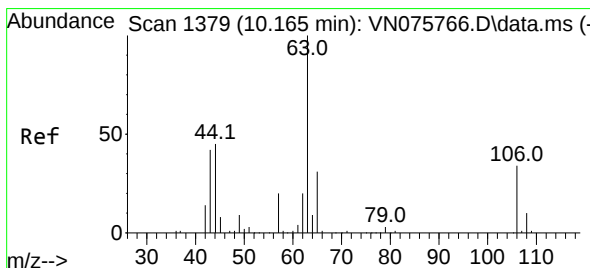
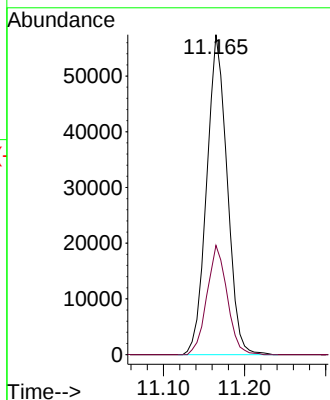
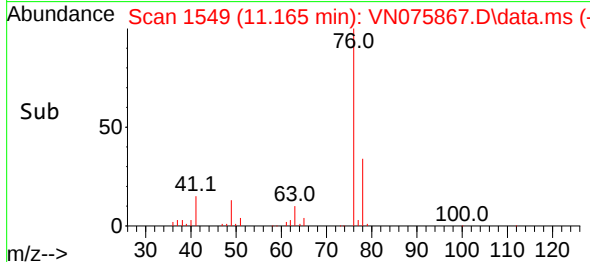
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



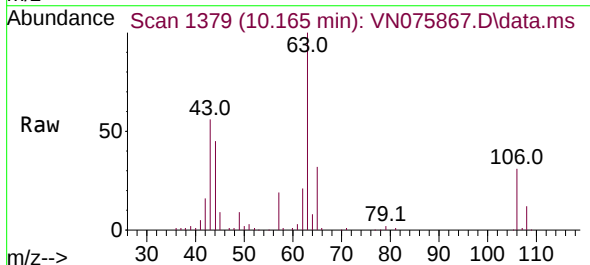
Tgt Ion: 76 Resp: 100543
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.2

Manual Integrations
APPROVED

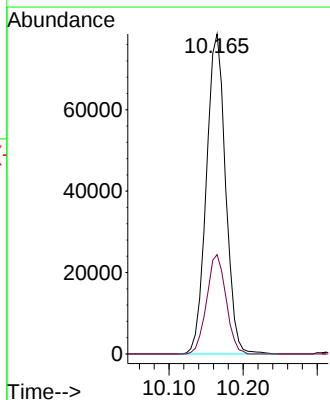
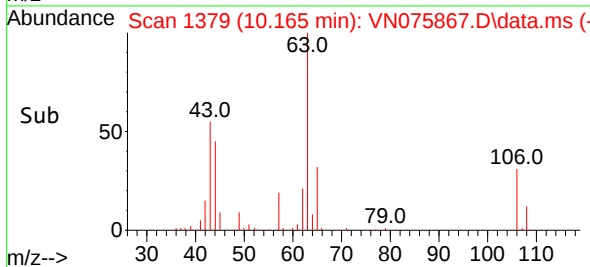
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

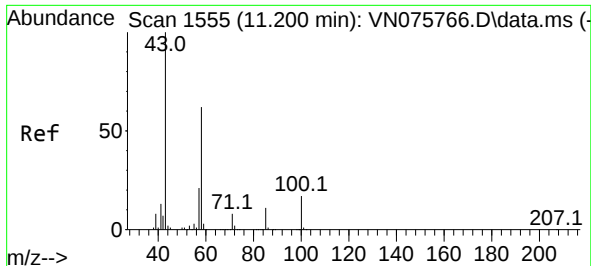


#58
2-Chloroethyl Vinyl ether
Concen: 110.676 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



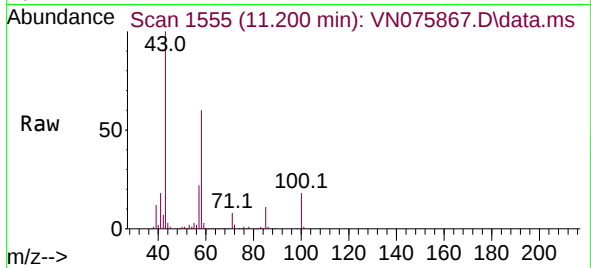
Tgt Ion: 63 Resp: 141181
Ion Ratio Lower Upper
63 100
106 31.3 26.4 39.6





#59
2-Hexanone
Concen: 110.121 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

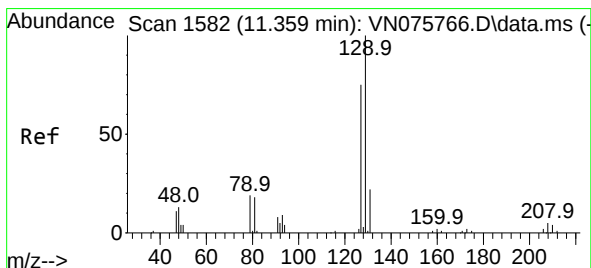
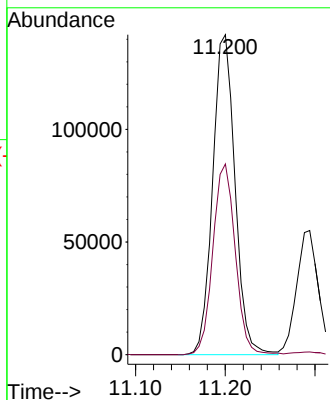
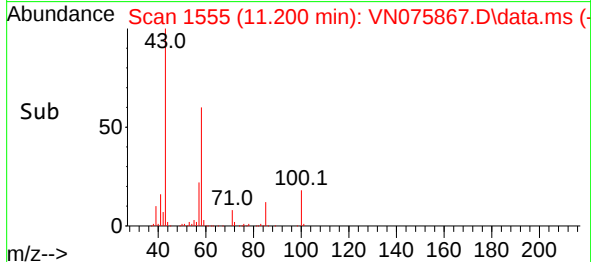
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



Tgt Ion: 43 Resp: 246112
Ion Ratio Lower Upper
43 100
58 59.6 30.6 92.0

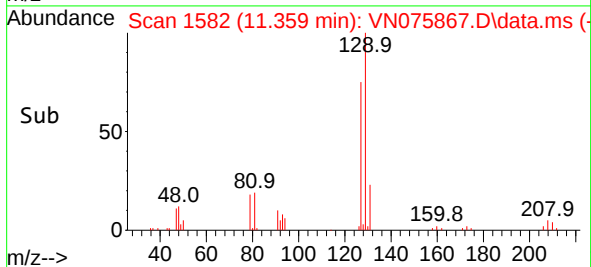
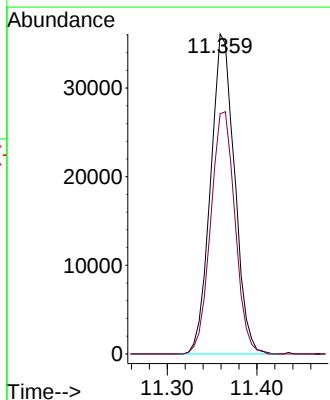
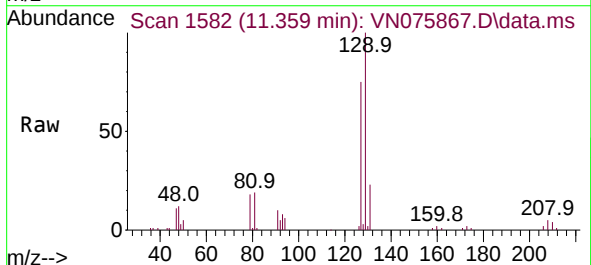
Manual Integrations
APPROVED

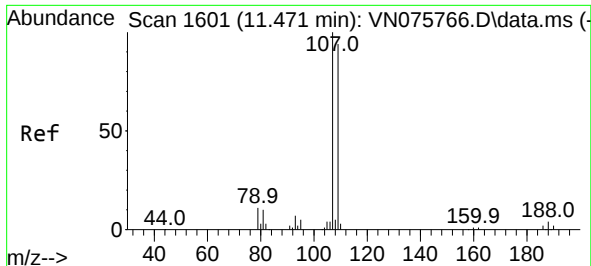
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 20.022 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

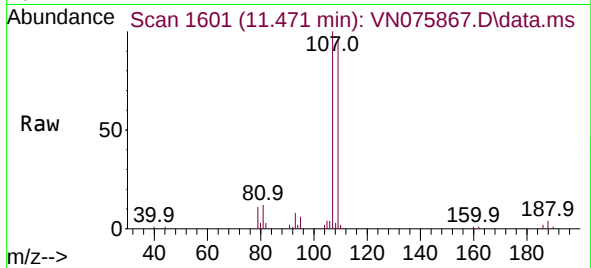
Tgt Ion:129 Resp: 67165
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 20.408 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

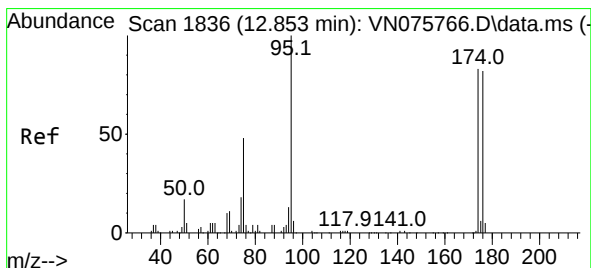
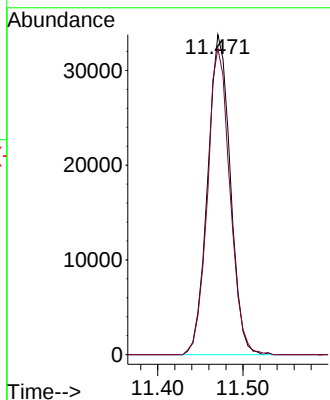
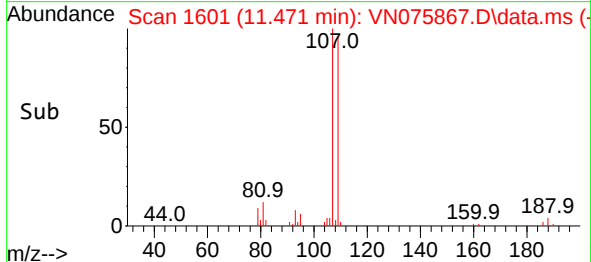
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



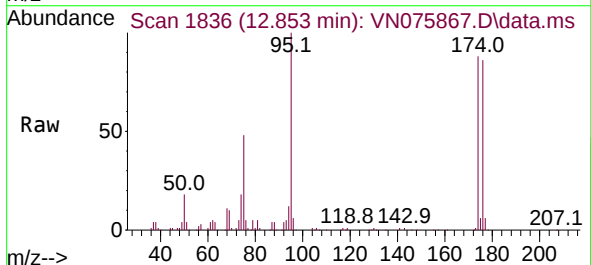
Tgt Ion:107 Resp: 62296
Ion Ratio Lower Upper
107 100
109 95.1 74.8 112.2

Manual Integrations
APPROVED

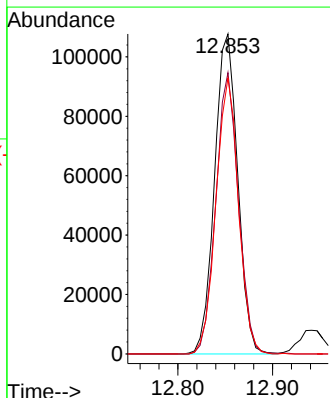
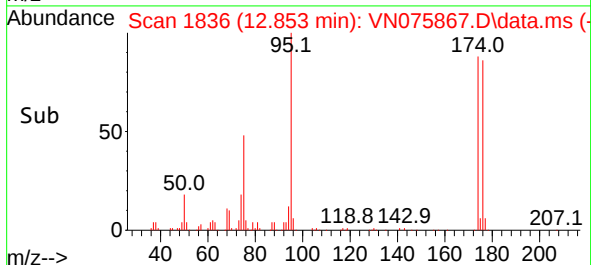
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

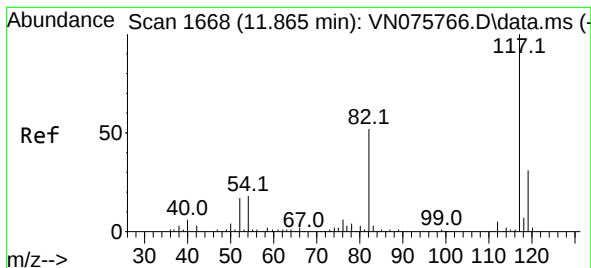


#62
4-Bromofluorobenzene
Concen: 51.289 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



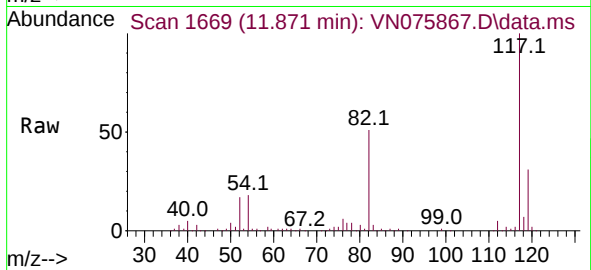
Tgt Ion: 95 Resp: 182861
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 83.9 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

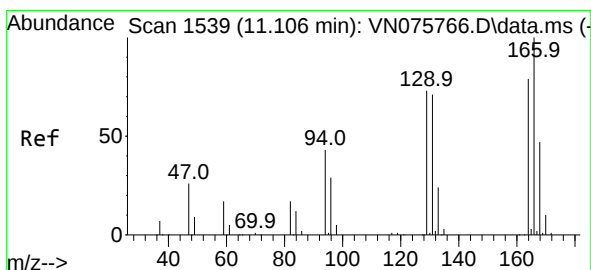
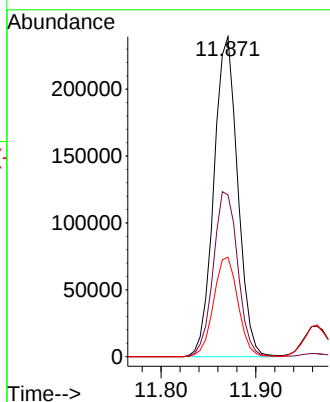
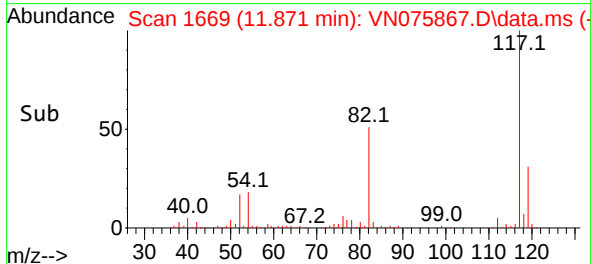
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



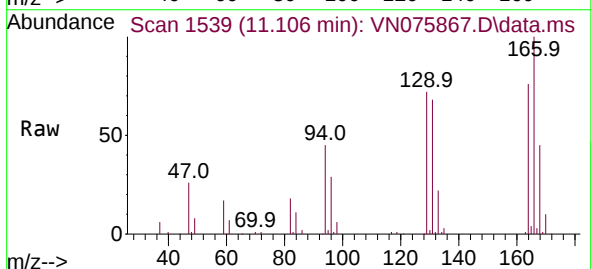
Tgt Ion:117 Resp: 418902
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 31.1 24.6 37.0

Manual Integrations
APPROVED

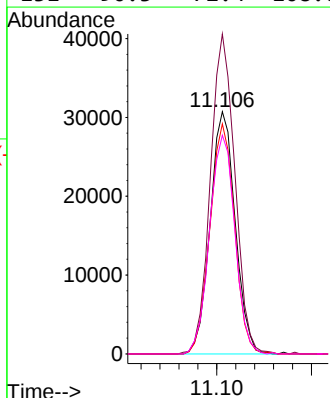
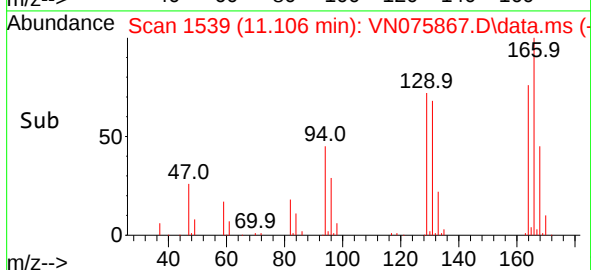
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

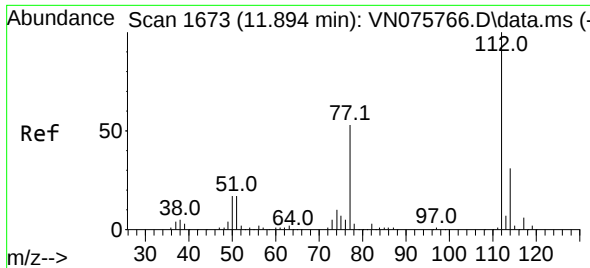


#64
Tetrachloroethene
Concen: 19.084 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



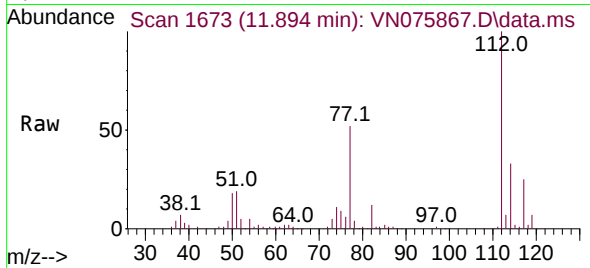
Tgt Ion:164 Resp: 56254
Ion Ratio Lower Upper
164 100
166 132.2 101.9 152.9
129 95.0 74.2 111.2
131 90.3 72.4 108.6





#65
Chlorobenzene
Concen: 19.029 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

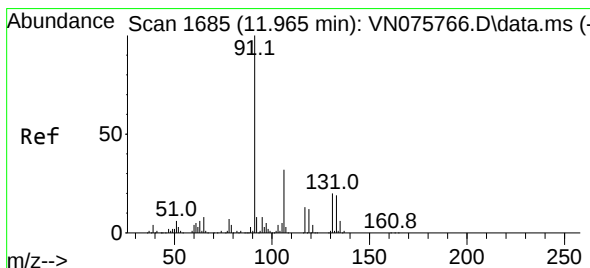
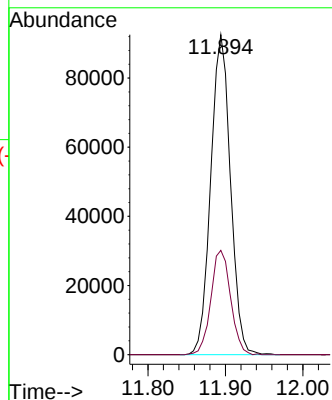
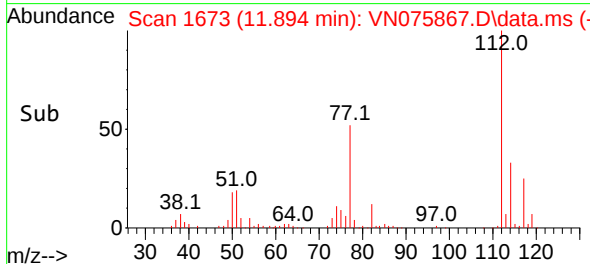
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



Tgt Ion:112 Resp: 16361
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1

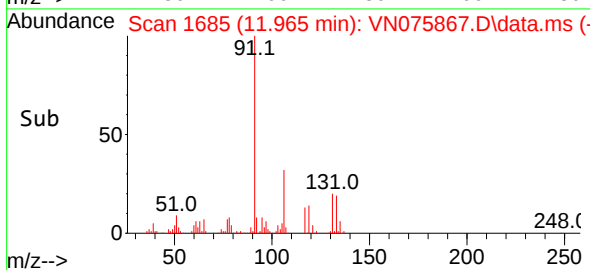
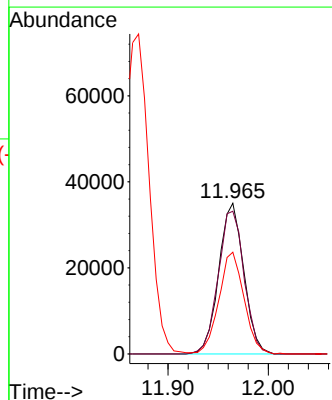
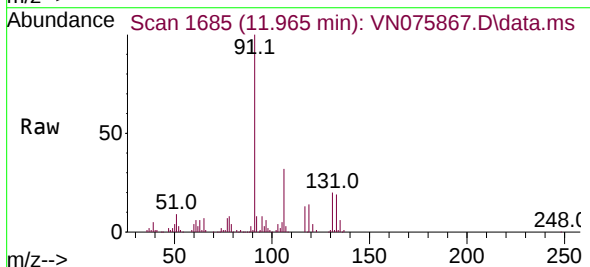
Manual Integrations
APPROVED

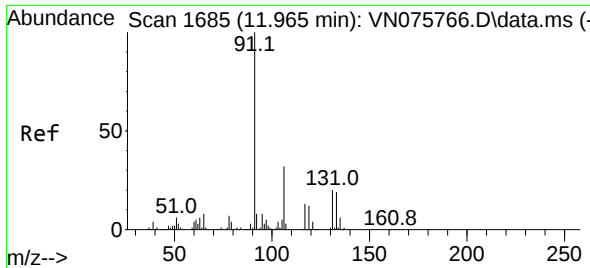
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.086 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

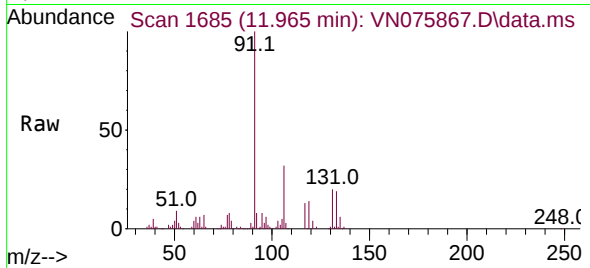
Tgt Ion:131 Resp: 60781
Ion Ratio Lower Upper
131 100
133 98.3 47.5 142.5
119 67.9 31.9 95.7





#67
Ethyl Benzene
Concen: 19.762 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

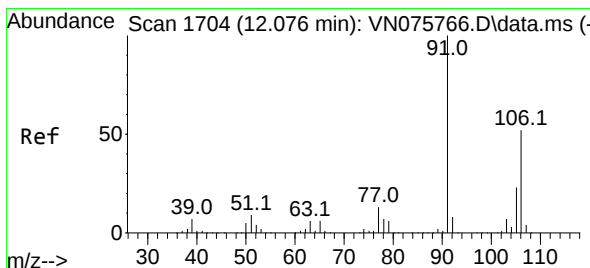
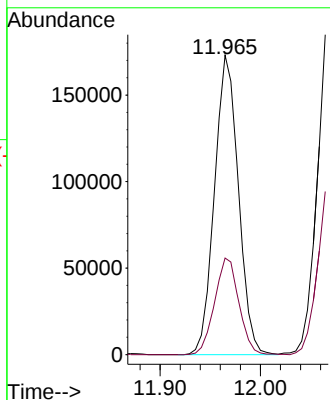
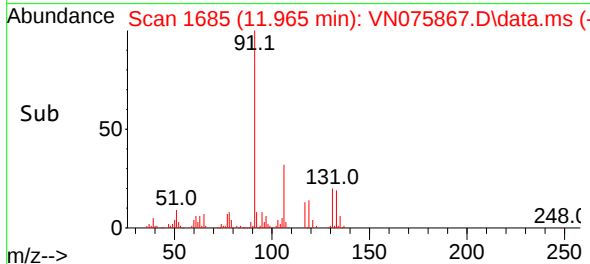
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



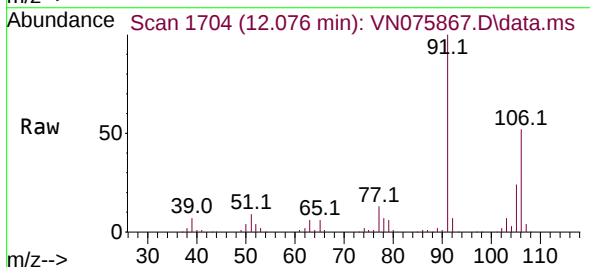
Tgt Ion: 91 Resp: 286776
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

Manual Integrations
APPROVED

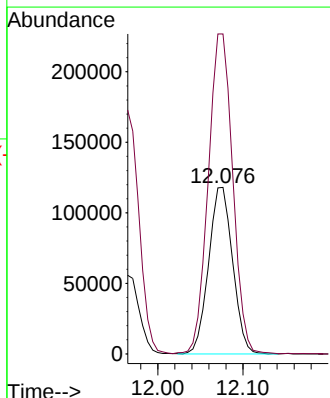
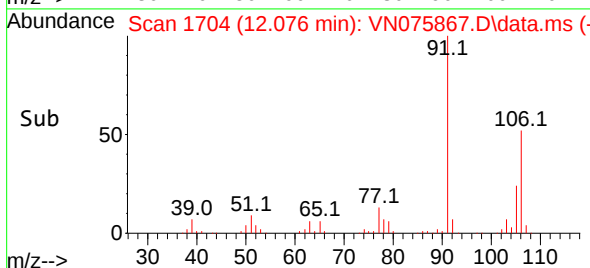
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

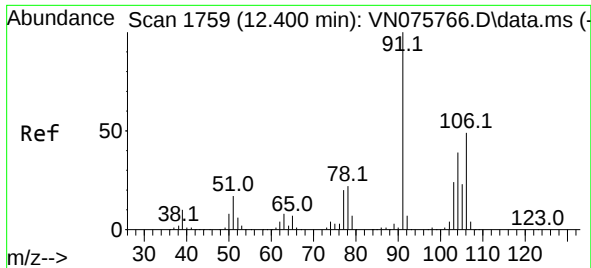


#68
m/p-Xylenes
Concen: 40.236 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion:106 Resp: 231091
Ion Ratio Lower Upper
106 100
91 195.5 156.6 235.0





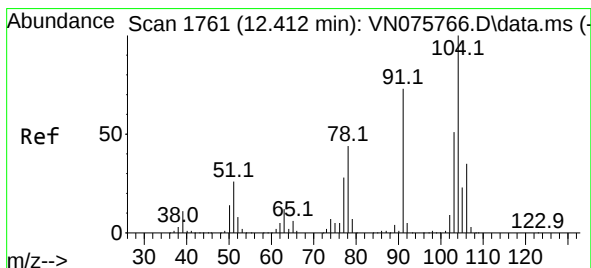
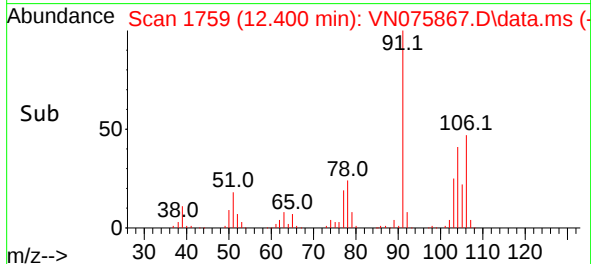
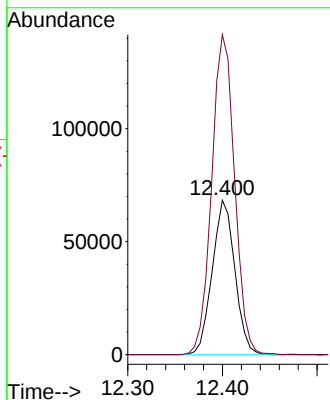
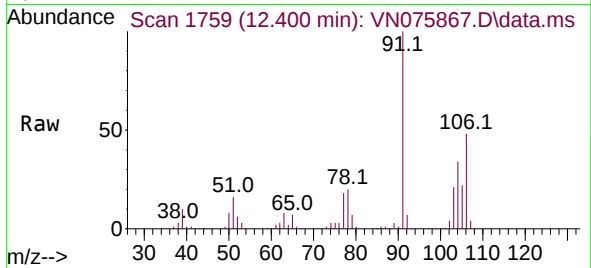
#69
o-Xylene
Concen: 19.923 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion:106 Resp: 113240
Ion Ratio Lower Upper
106 100
91 210.0 103.8 311.6

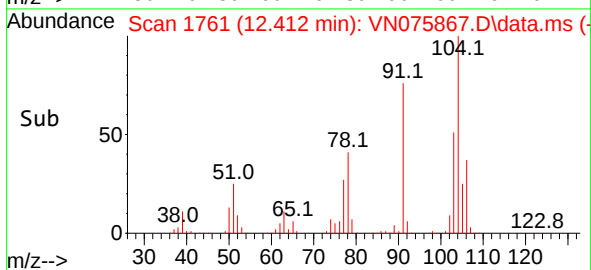
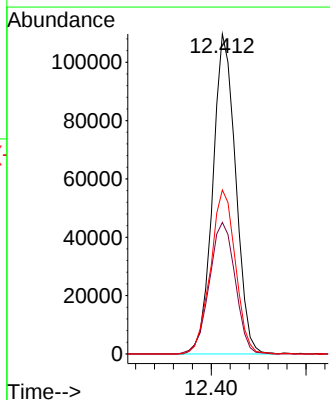
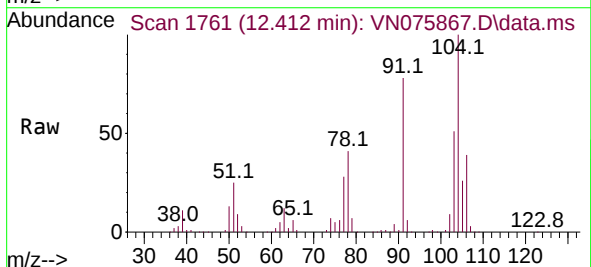
Manual Integrations
APPROVED

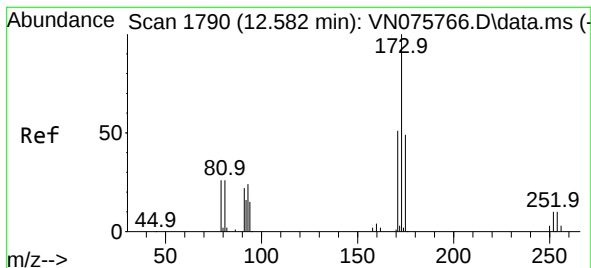
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 20.340 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Tgt Ion:104 Resp: 183813
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 55.5 43.5 65.3





#71

Bromoform

Concen: 20.511 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

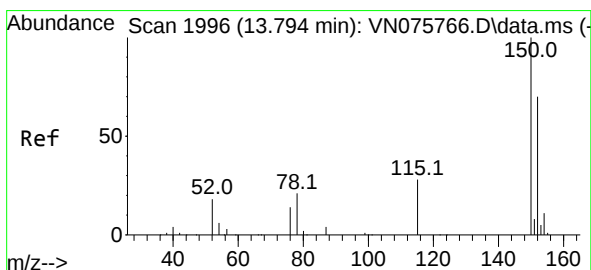
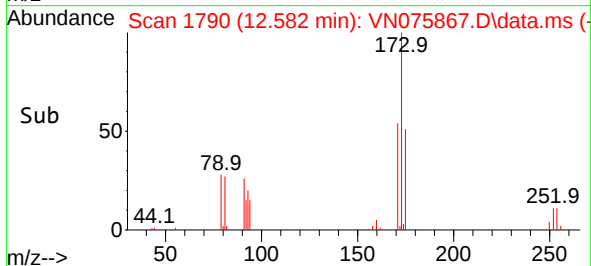
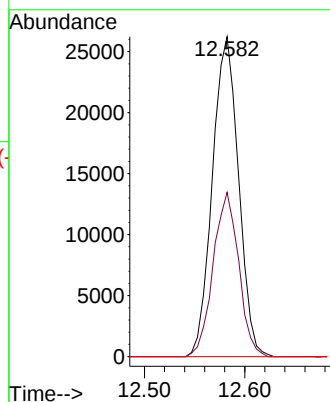
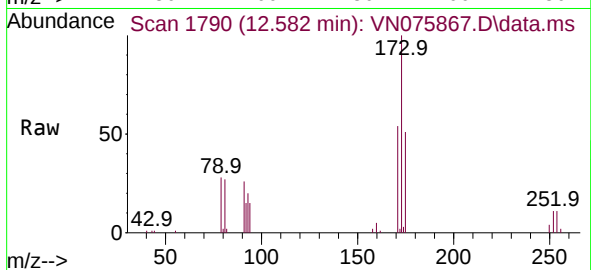
VN1219MBS01

Tgt Ion:173 Resp: 47531
 Ion Ratio Lower Upper
 173 100
 175 50.1 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

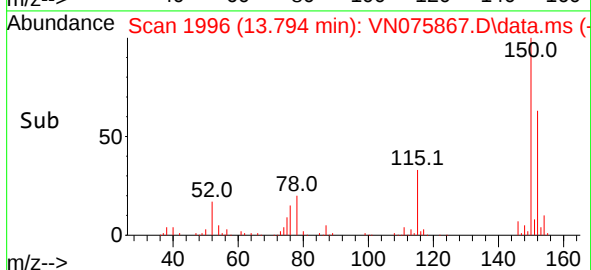
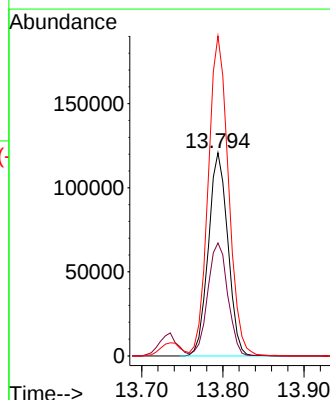
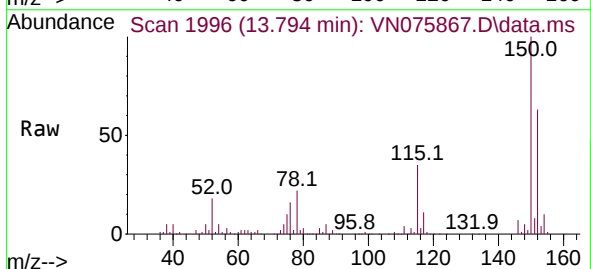
RT: 13.794 min Scan# 1996

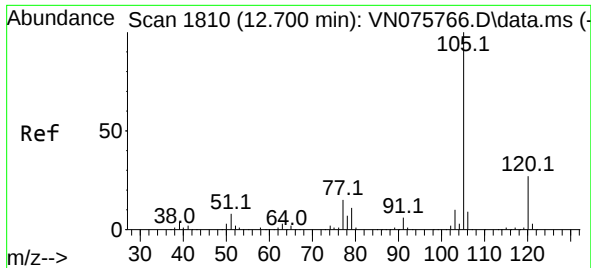
Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

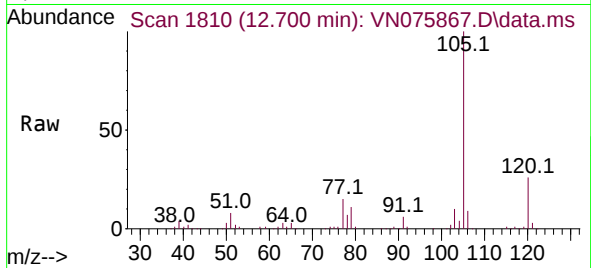
Tgt Ion:152 Resp: 201254
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.4
 150 164.0 0.0 347.0





#73
Isopropylbenzene
Concen: 20.089 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

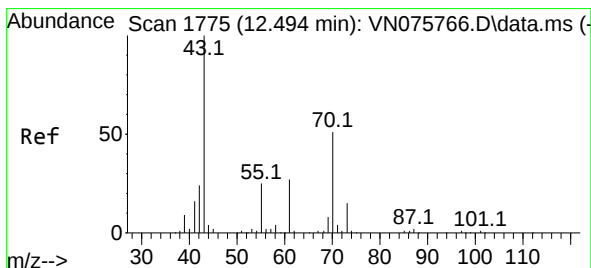
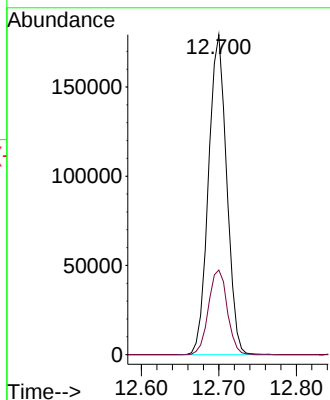
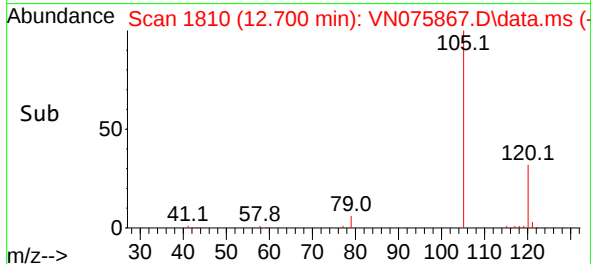
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



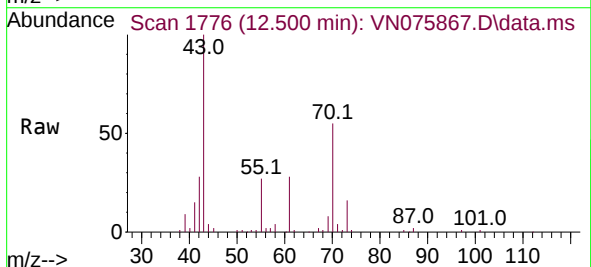
Tgt Ion:105 Resp: 292166
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

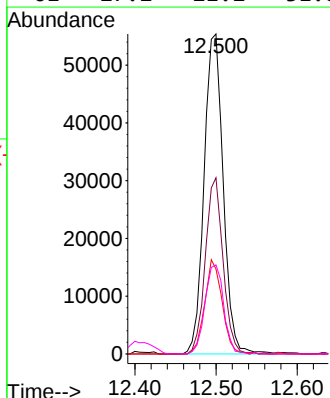
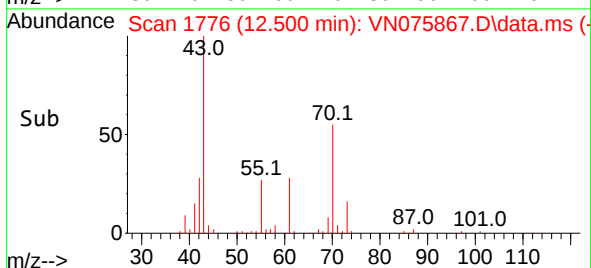
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

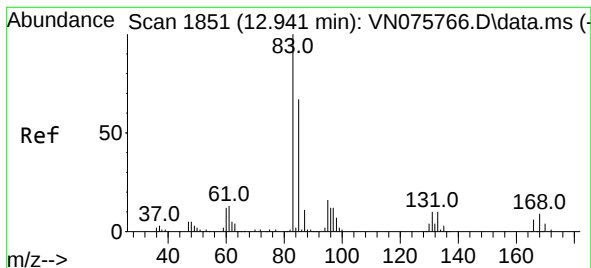


#74
N-ethyl acetate
Concen: 21.277 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



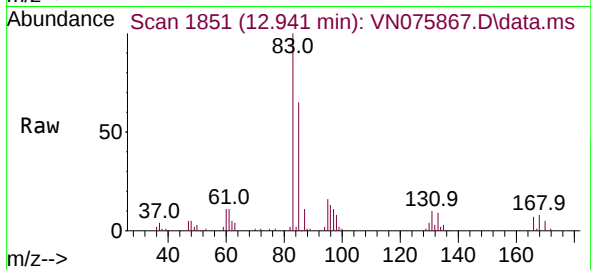
Tgt Ion: 43 Resp: 90778
Ion Ratio Lower Upper
43 100
70 50.9 41.4 62.0
55 27.0 21.3 31.9
61 27.2 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.792 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

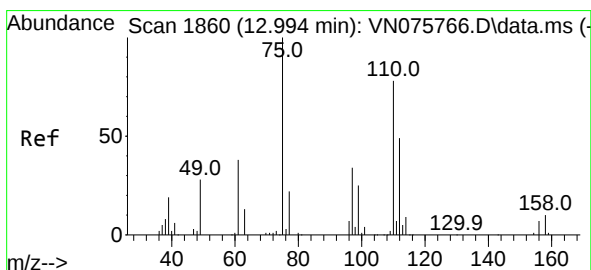
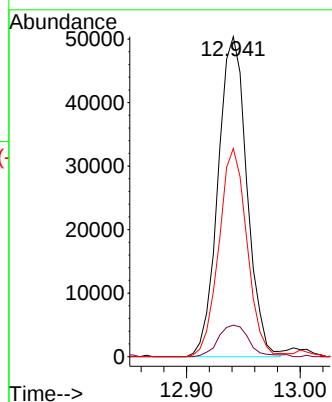
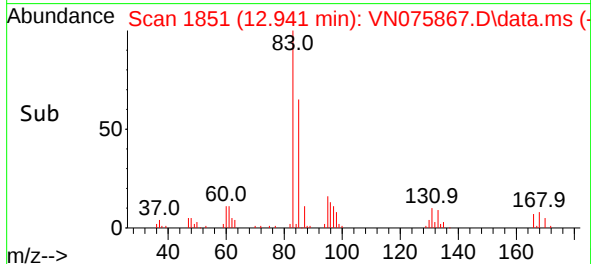
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



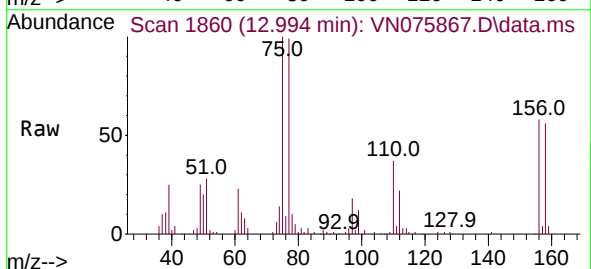
Tgt Ion: 83 Resp: 88985
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 63.4 32.6 98.0

Manual Integrations
APPROVED

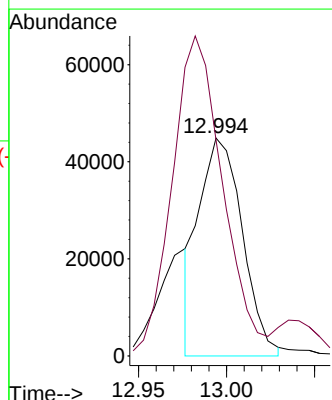
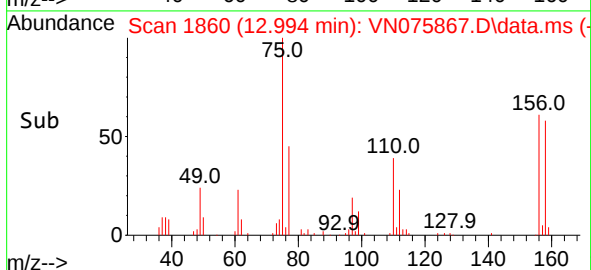
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

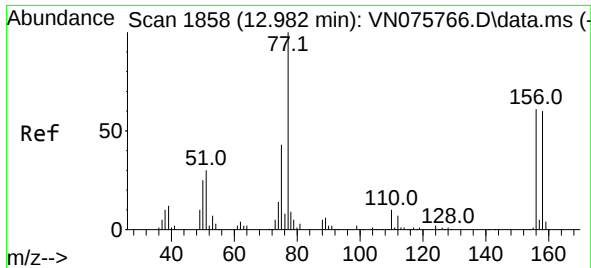


#76
1,2,3-Trichloropropane
Concen: 18.912 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



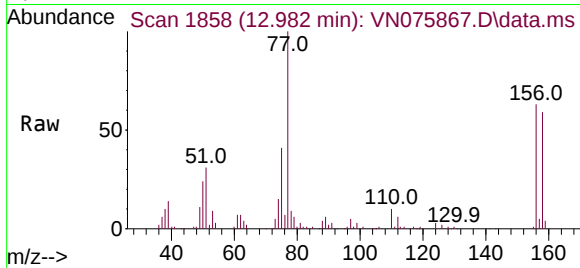
Tgt Ion: 75 Resp: 76722
Ion Ratio Lower Upper
75 100
77 172.5 82.6 247.8





#77
Bromobenzene
Concen: 19.421 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

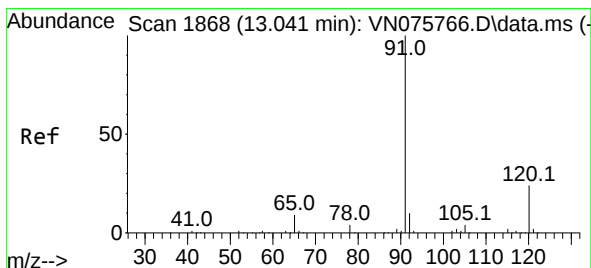
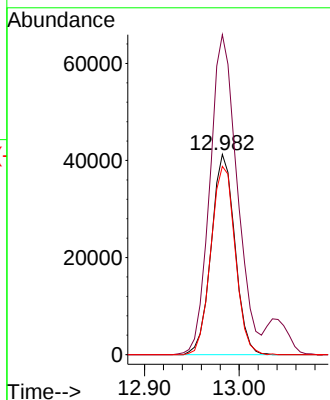
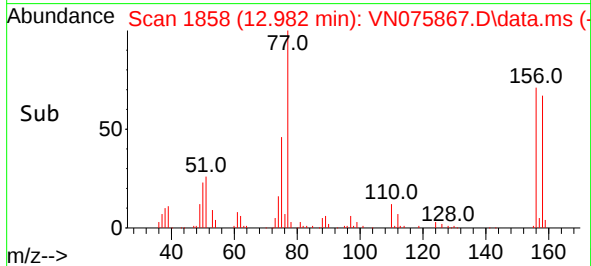
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



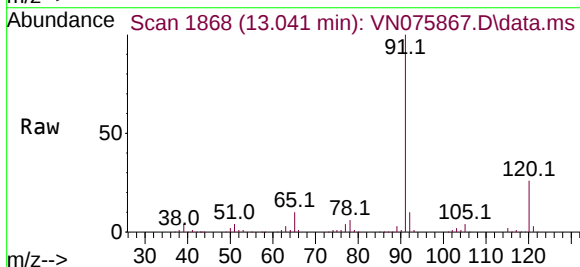
Tgt Ion:156 Resp: 71483
Ion Ratio Lower Upper
156 100
77 185.2 93.8 281.3
158 96.6 48.9 146.6

Manual Integrations
APPROVED

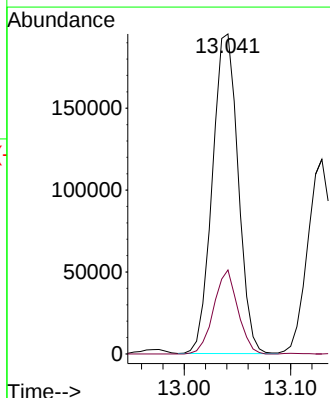
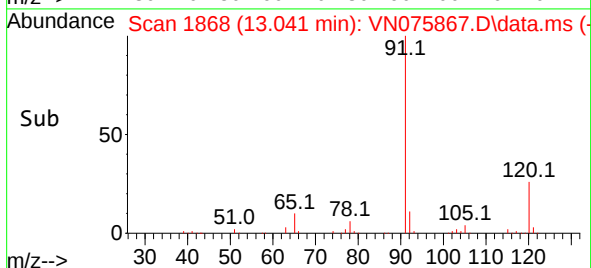
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

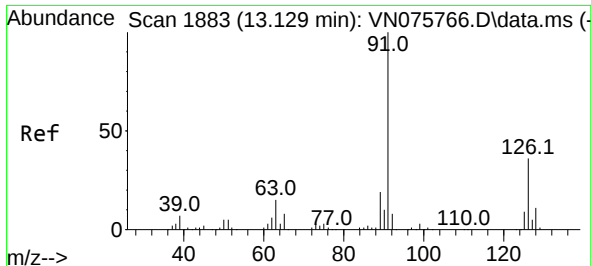


#78
n-propylbenzene
Concen: 20.501 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion: 91 Resp: 328845
Ion Ratio Lower Upper
91 100
120 24.4 12.0 36.1





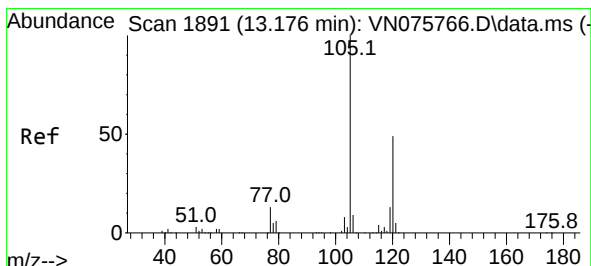
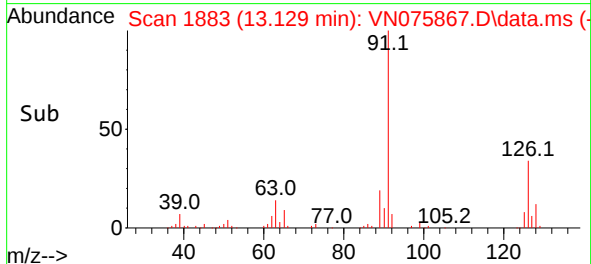
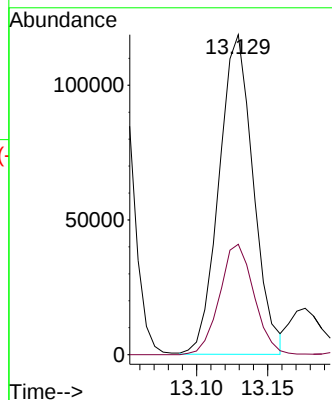
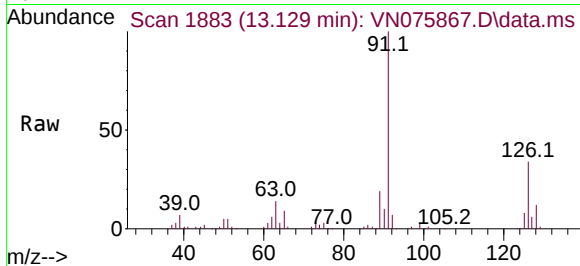
#79
2-Chlorotoluene
Concen: 19.886 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 91 Resp: 199117
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

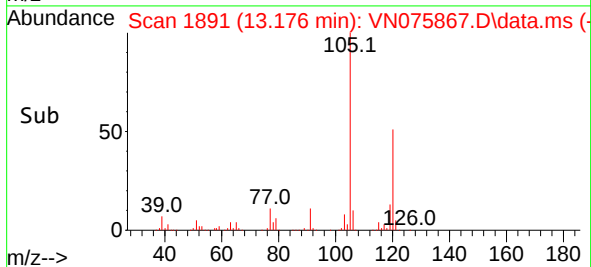
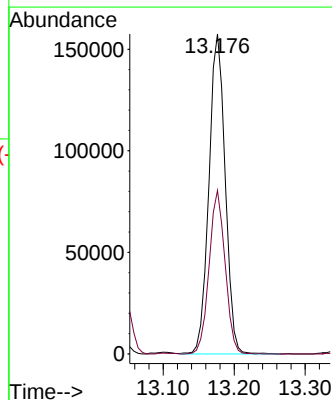
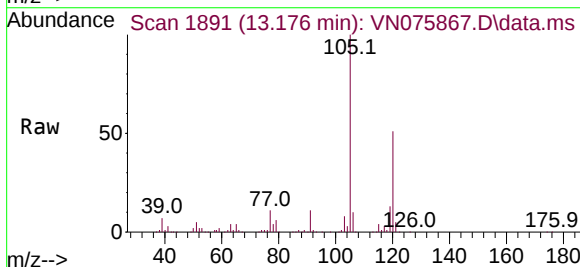
Manual Integrations
APPROVED

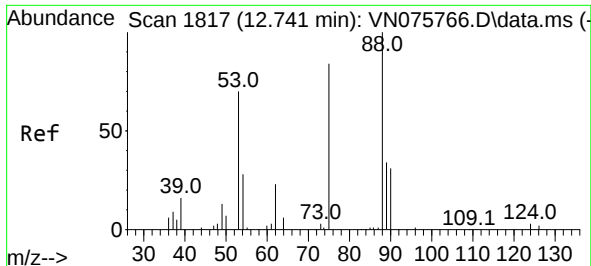
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.575 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

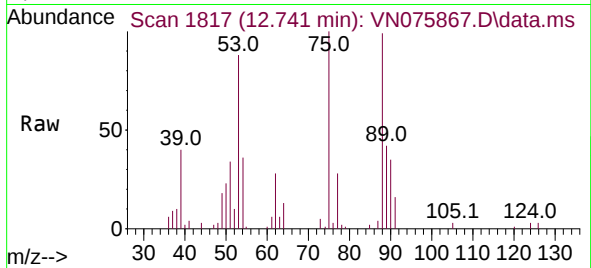
Tgt Ion:105 Resp: 250444
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 24.350 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

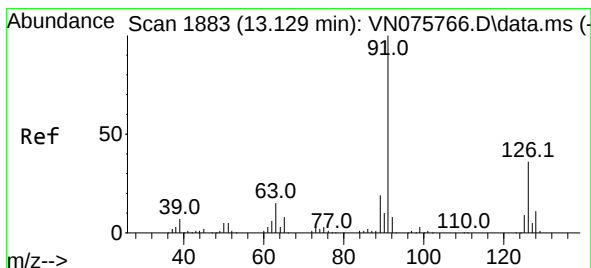
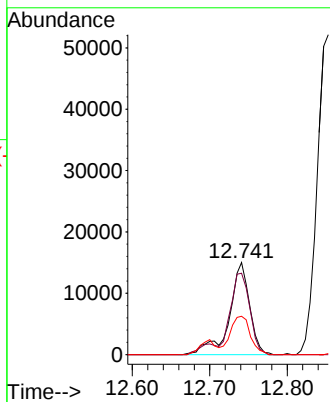
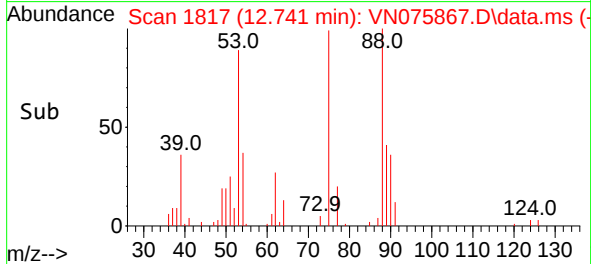
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



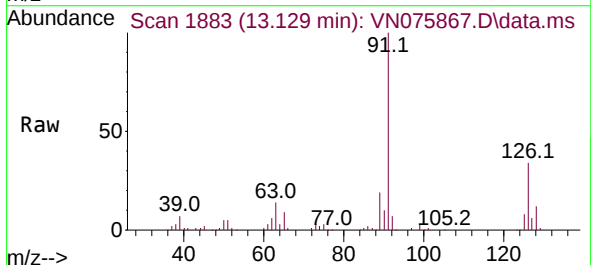
Tgt Ion: 75 Resp: 27444
Ion Ratio Lower Upper
75 100
53 83.3 73.8 110.6
89 41.3 39.5 59.3

Manual Integrations
APPROVED

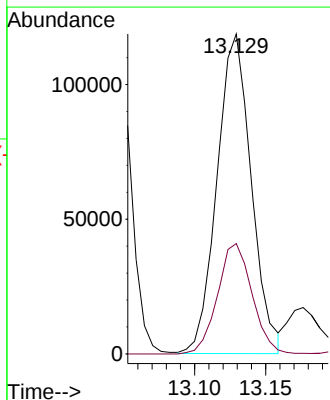
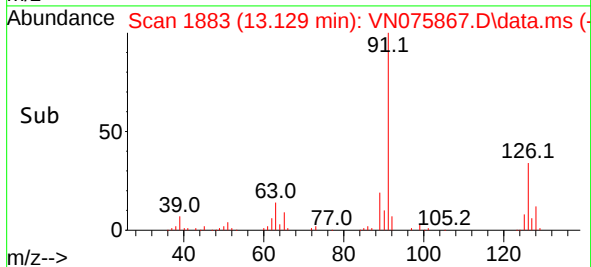
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

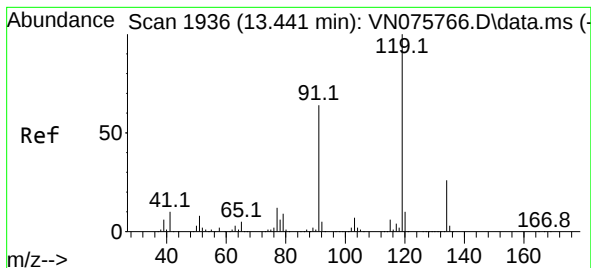


#82
4-Chlorotoluene
Concen: 19.886 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



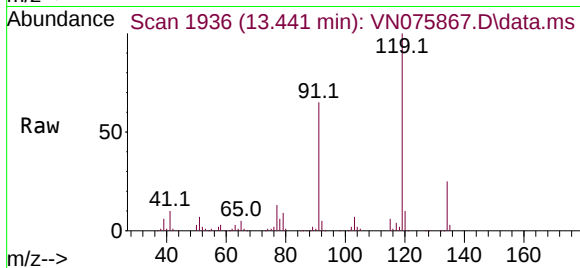
Tgt Ion: 91 Resp: 199117
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5





#83
tert-Butylbenzene
Concen: 21.345 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

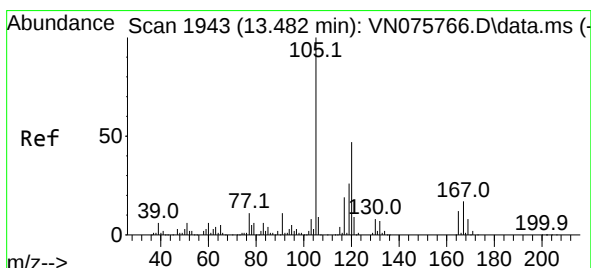
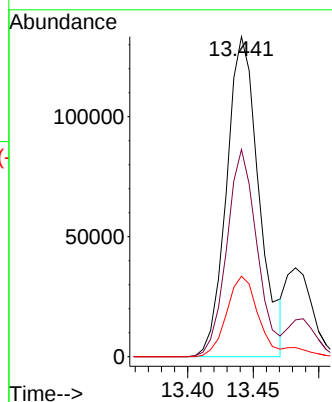
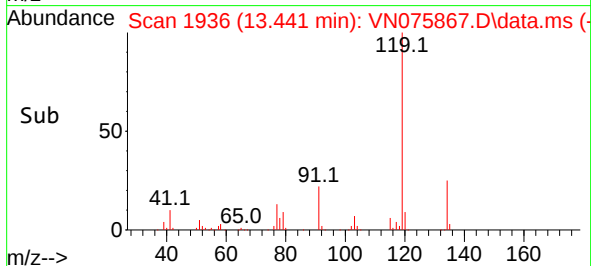
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



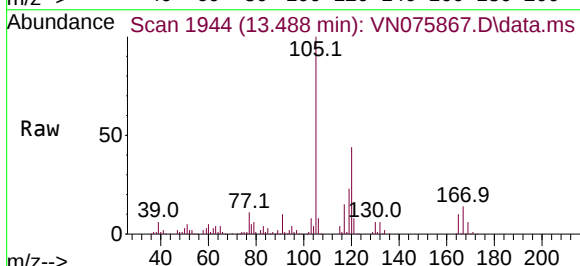
Tgt Ion:119 Resp: 229078
Ion Ratio Lower Upper
119 100
91 60.8 31.9 95.5
134 26.3 13.8 41.4

Manual Integrations
APPROVED

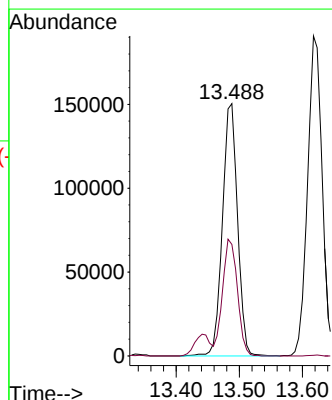
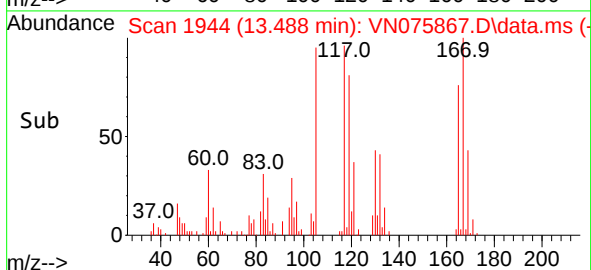
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

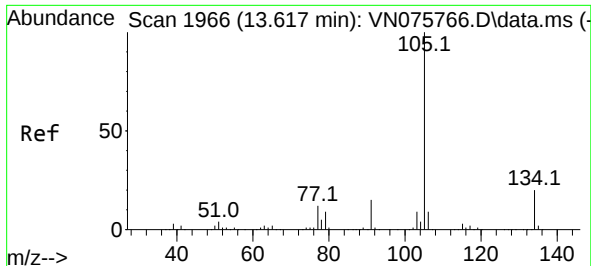


#84
1,2,4-Trimethylbenzene
Concen: 20.674 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



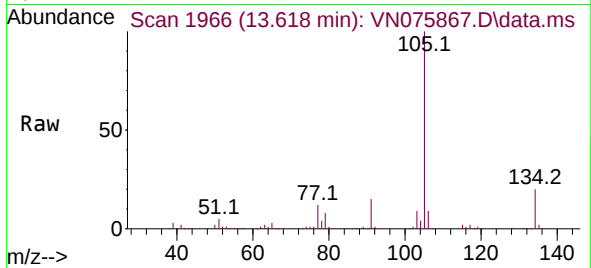
Tgt Ion:105 Resp: 249645
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.661 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34

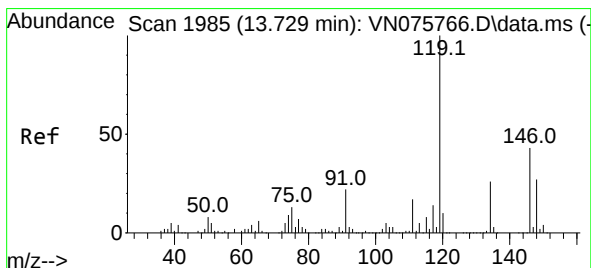
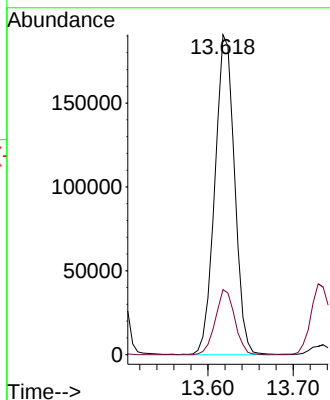
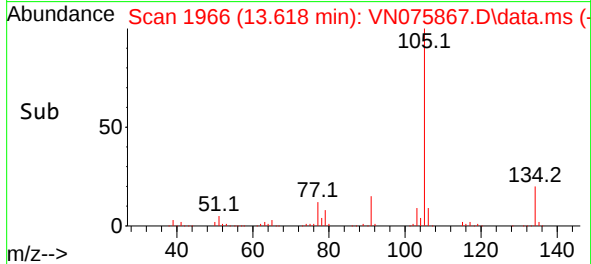
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01



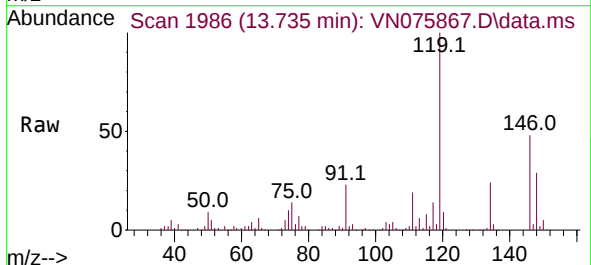
Tgt Ion:105 Resp: 30604
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
 APPROVED

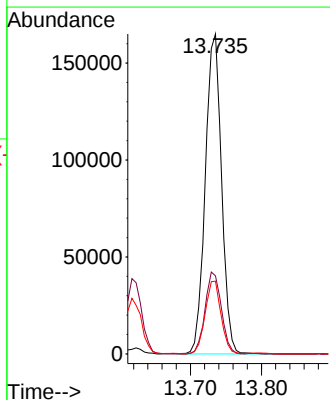
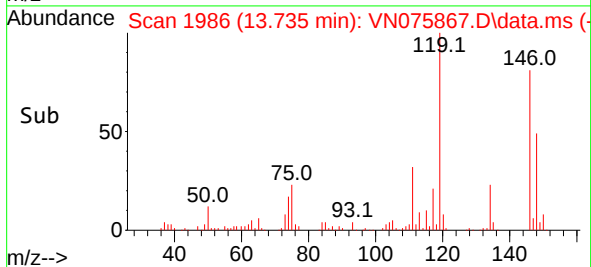
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

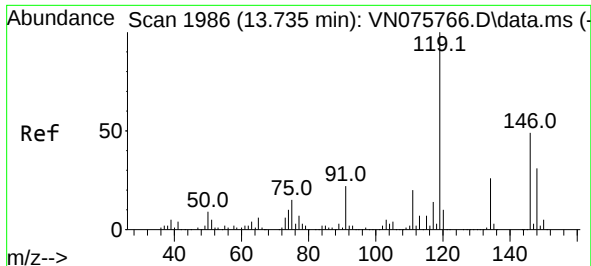


#86
 p-Isopropyltoluene
 Concen: 21.181 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075867.D
 Acq: 19 Dec 2022 13:34



Tgt Ion:119 Resp: 261060
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 22.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.352 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

Tgt Ion:146 Resp: 131576

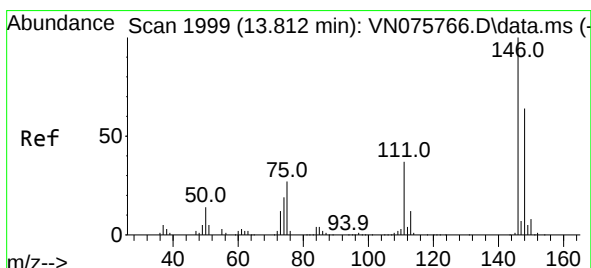
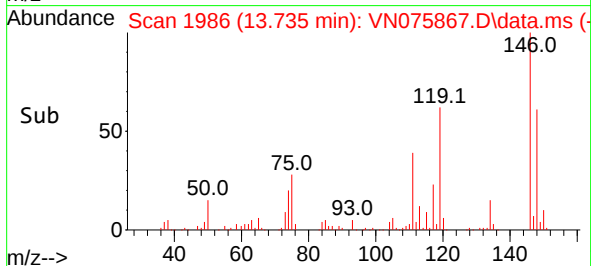
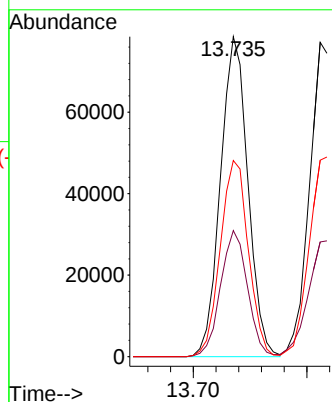
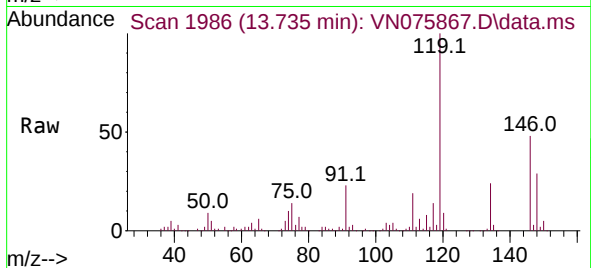
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.0
148	62.9	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#88

1,4-Dichlorobenzene

Concen: 18.803 ug/l

RT: 13.812 min Scan# 1999

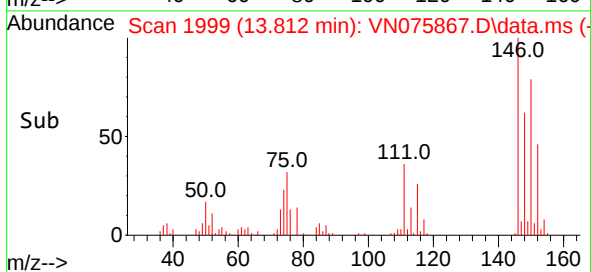
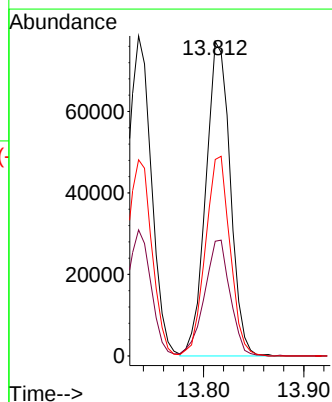
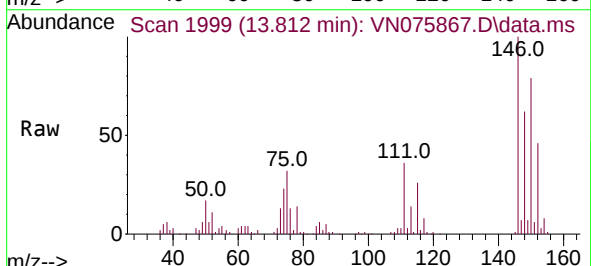
Delta R.T. 0.000 min

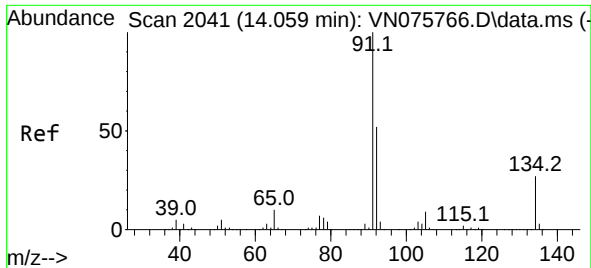
Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Tgt Ion:146 Resp: 130594

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	64.0	32.0	96.2





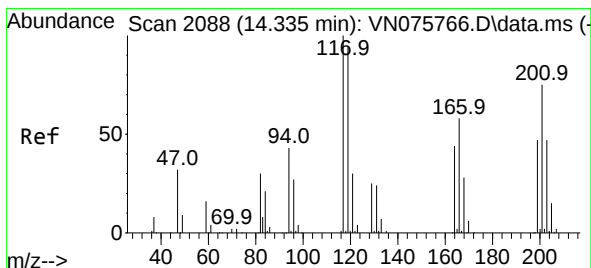
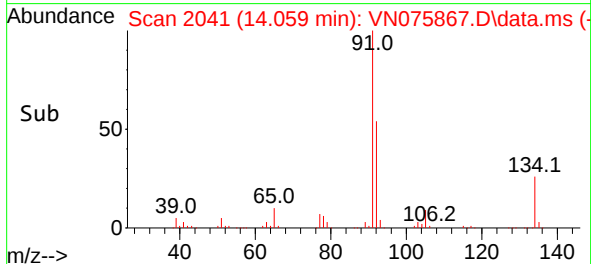
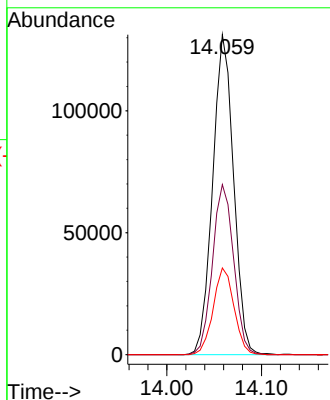
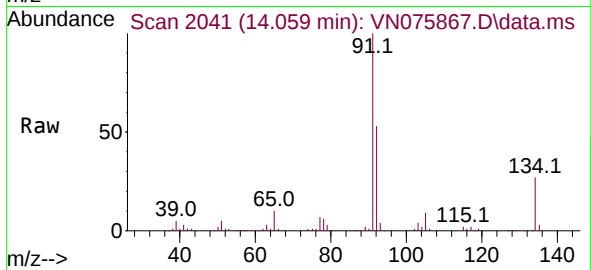
#89
n-Butylbenzene
Concen: 20.158 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tgt Ion: 91 Resp: 201278
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.2
134 27.0 13.4 40.2

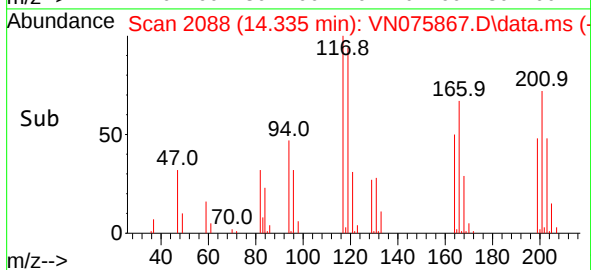
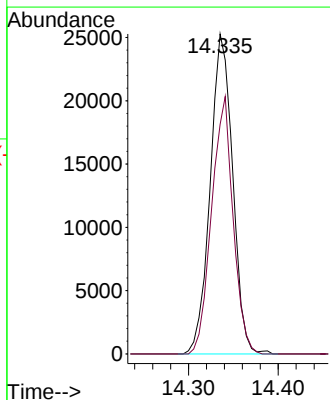
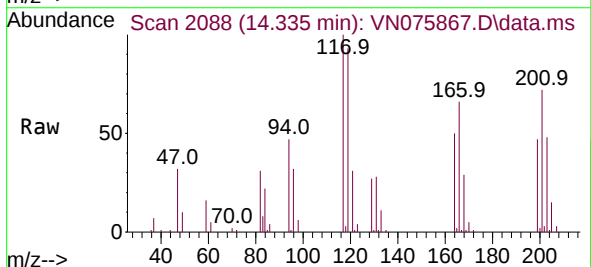
Manual Integrations
APPROVED

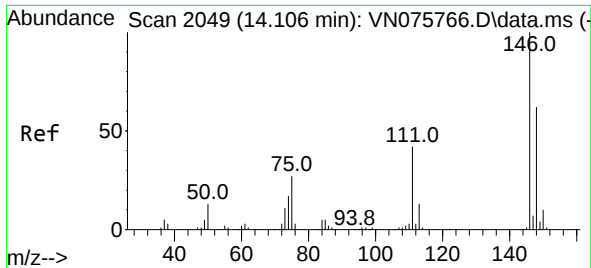
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#90
Hexachloroethane
Concen: 20.027 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

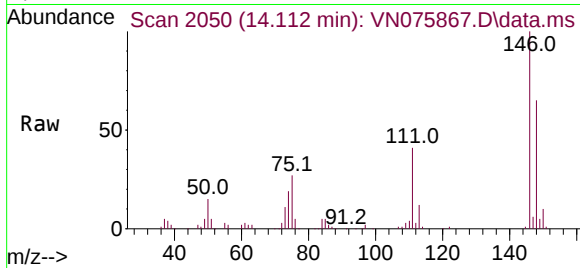
Tgt Ion:117 Resp: 44154
Ion Ratio Lower Upper
117 100
201 76.9 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 19.825 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

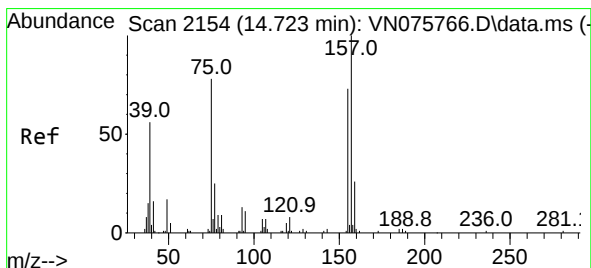
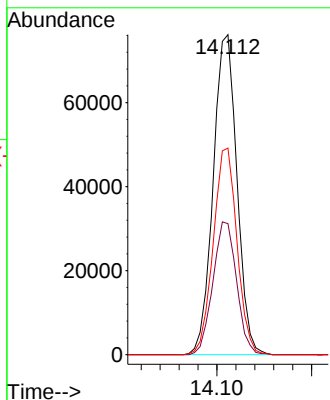
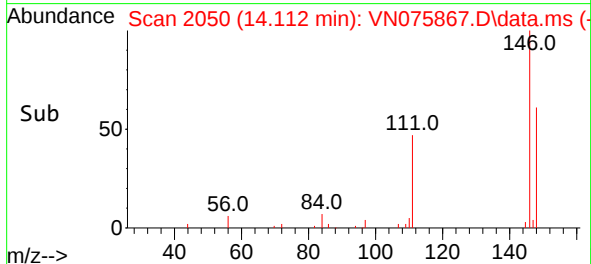
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



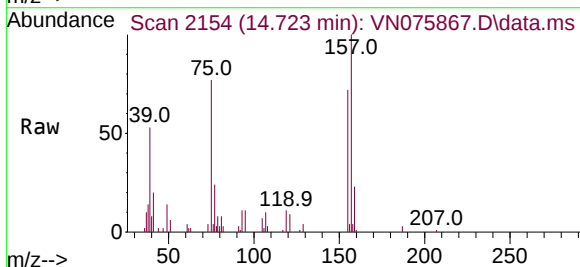
Tgt Ion:146 Resp: 132764
Ion Ratio Lower Upper
146 100
111 41.3 20.3 61.0
148 64.5 31.7 95.1

Manual Integrations
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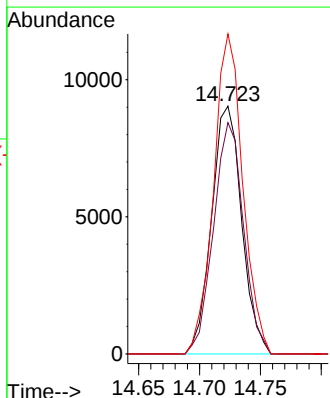
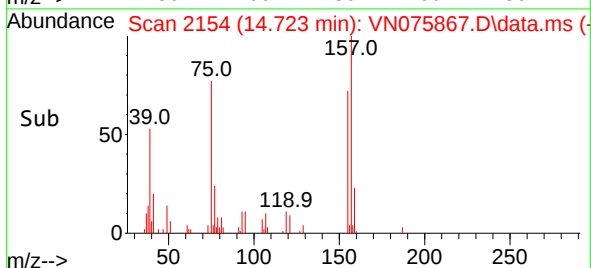
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

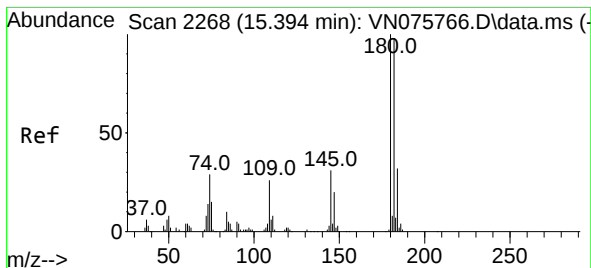


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.497 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion: 75 Resp: 15554
Ion Ratio Lower Upper
75 100
155 92.8 49.3 147.8
157 125.2 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.669 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

Tgt Ion:180 Resp: 65210

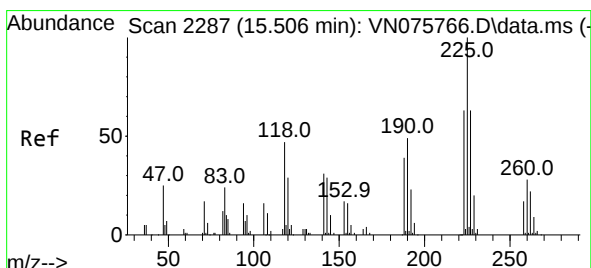
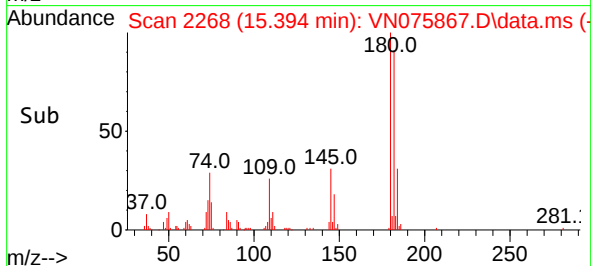
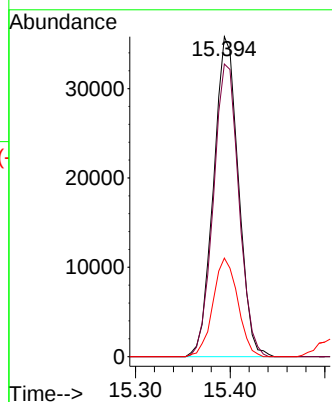
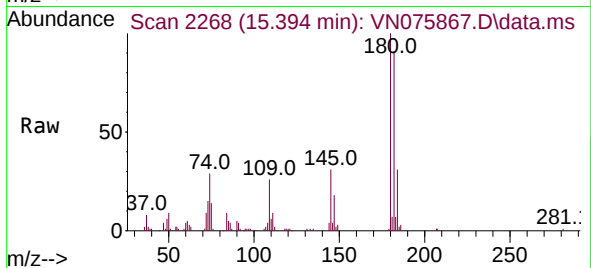
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.5
145	30.7	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#94

Hexachlorobutadiene

Concen: 19.306 ug/l

RT: 15.506 min Scan# 2287

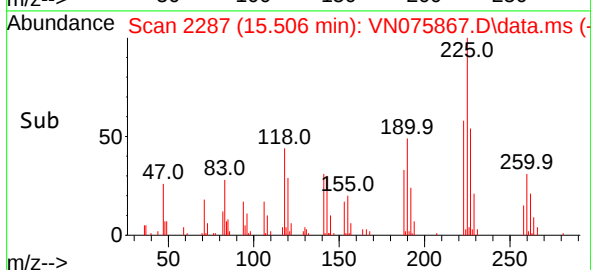
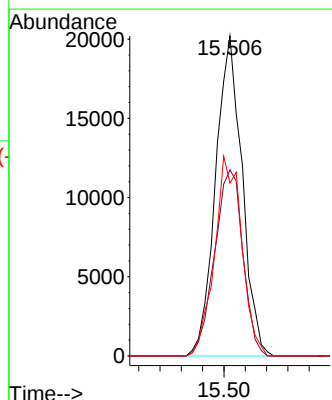
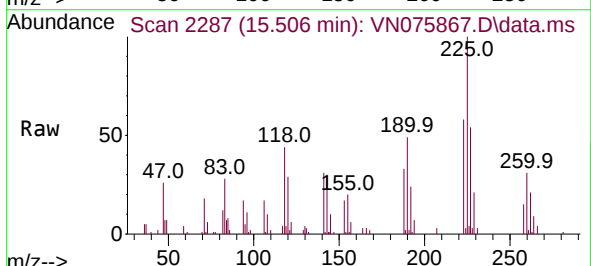
Delta R.T. 0.000 min

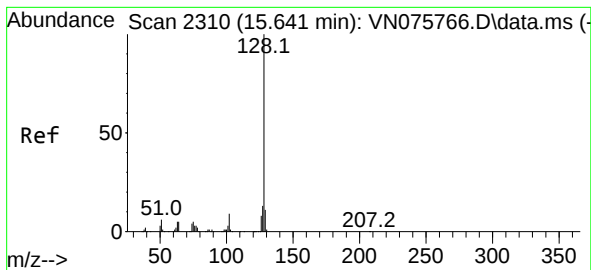
Lab File: VN075867.D

Acq: 19 Dec 2022 13:34

Tgt Ion:225 Resp: 34922

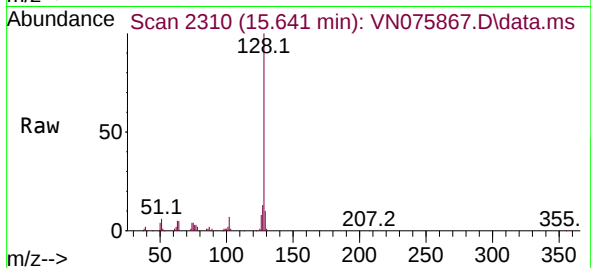
Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.5	94.5
227	63.9	31.6	95.0





#95
Naphthalene
Concen: 19.542 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34

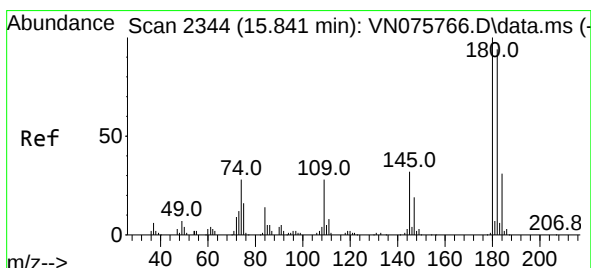
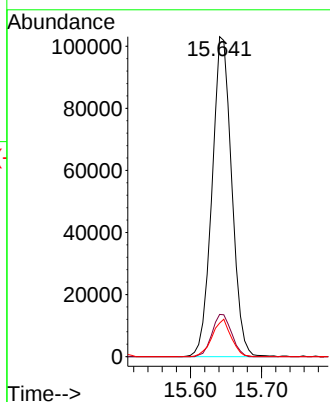
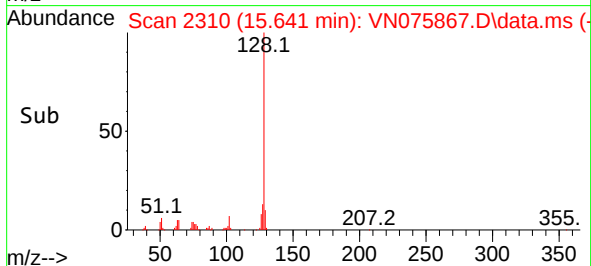
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01



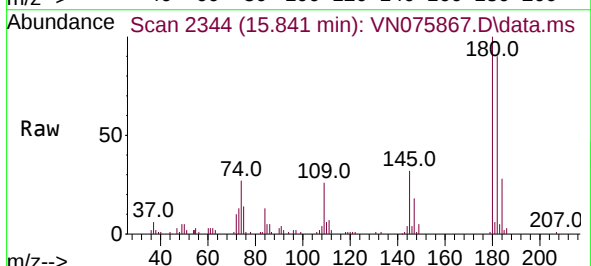
Tgt Ion:128 Resp: 198856
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.809 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075867.D
Acq: 19 Dec 2022 13:34



Tgt Ion:180 Resp: 64483
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.0
145 30.5 16.0 47.9

