

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075735.D
 Acq On : 13 Dec 2022 02:52
 Operator : JC\MD
 Sample : VN1212WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS02

Quant Time: Dec 13 03:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119874	50.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.340%			
35) Dibromofluoromethane	8.171	113	109150	48.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	10.571	98	415431	49.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.847	95	135273	46.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	27752	16.756	ug/l	99
3) Chloromethane	2.377	50	34203	17.333	ug/l	97
4) Vinyl Chloride	2.524	62	41815	17.251	ug/l	99
5) Bromomethane	2.965	94	35468	17.180	ug/l	96
6) Chloroethane	3.136	64	30739	16.996	ug/l	99
7) Trichlorofluoromethane	3.512	101	61841	17.584	ug/l	100
8) Diethyl Ether	3.977	74	24048	18.704	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	35587	17.242	ug/l	99
10) Methyl Iodide	4.601	142	59273	17.574	ug/l	100
11) Tert butyl alcohol	5.530	59	30843	87.256	ug/l	97
12) 1,1-Dichloroethene	4.359	96	35205	18.249	ug/l	95
13) Acrolein	4.189	56	44060	108.228	ug/l	99
14) Allyl chloride	5.036	41	40685	16.935	ug/l	96
15) Acrylonitrile	5.736	53	84695	92.762	ug/l	98
16) Acetone	4.448	43	64054	79.161	ug/l	96
17) Carbon Disulfide	4.724	76	86370	16.920	ug/l	98
18) Methyl Acetate	5.042	43	44164	16.985	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	124757	19.225	ug/l	99
20) Methylene Chloride	5.295	84	42570	17.648	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	38461	17.840	ug/l	98
22) Diisopropyl ether	6.677	45	107094	19.592	ug/l	97
23) Vinyl Acetate	6.612	43	397663m	95.406	ug/l	
24) 1,1-Dichloroethane	6.583	63	68418	19.015	ug/l	99
25) 2-Butanone	7.489	43	103739	87.700	ug/l	97
26) 2,2-Dichloropropane	7.495	77	50278	16.384	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	48083	18.371	ug/l	99
28) Bromochloromethane	7.824	49	28495	19.807	ug/l	99
29) Tetrahydrofuran	7.847	42	68520	93.980	ug/l	99
30) Chloroform	7.971	83	77535	19.455	ug/l	96
31) Cyclohexane	8.259	56	59381	16.786	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	68827	18.719	ug/l	96
36) 1,1-Dichloropropene	8.377	75	53865	18.062	ug/l	98
37) Ethyl Acetate	7.571	43	41973	17.530	ug/l	100
38) Carbon Tetrachloride	8.371	117	58762	17.076	ug/l	99
39) Methylcyclohexane	9.600	83	64880	17.157	ug/l	99
40) Benzene	8.612	78	169287	18.497	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	23558	19.188	ug/l	97
42) 1,2-Dichloroethane	8.677	62	57742	18.860	ug/l	98
43) Isopropyl Acetate	8.694	43	72701	18.188	ug/l	99
44) Trichloroethene	9.353	130	46188	17.889	ug/l	87
45) 1,2-Dichloropropane	9.624	63	40778	18.734	ug/l	100
46) Dibromomethane	9.712	93	30491	18.658	ug/l	99
47) Bromodichloromethane	9.889	83	58563	18.277	ug/l	98
48) Methyl methacrylate	9.689	41	33334	18.107	ug/l	96
49) 1,4-Dioxane	9.694	88	15859	354.379	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	221967	90.056	ug/l	99
52) Toluene	10.630	92	113138	18.703	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	59136	18.687	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	64056	18.194	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	44142	18.559	ug/l	96
56) Ethyl methacrylate	10.877	69	59533	18.472	ug/l	99
57) 1,3-Dichloropropane	11.165	76	71847	18.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	70118	73.687	ug/l	99
59) 2-Hexanone	11.194	43	163869	91.511	ug/l	100
60) Dibromochloromethane	11.359	129	49372	18.864	ug/l	98
61) 1,2-Dibromoethane	11.471	107	45791	18.376	ug/l	98
64) Tetrachloroethene	11.106	164	41071	17.365	ug/l	95
65) Chlorobenzene	11.894	112	121347	18.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46114	18.971	ug/l	99
67) Ethyl Benzene	11.965	91	212666	18.816	ug/l	97
68) m/p-Xylenes	12.071	106	171145	37.476	ug/l	100
69) o-Xylene	12.400	106	84378	19.040	ug/l	100
70) Styrene	12.412	104	137268	19.313	ug/l	99
71) Bromoform	12.582	173	34249	18.589	ug/l #	99
73) Isopropylbenzene	12.700	105	217836	19.436	ug/l	100
74) N-amyl acetate	12.494	43	65074	19.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	62993	18.710	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51763m	16.513	ug/l	
77) Bromobenzene	12.982	156	53003	18.805	ug/l	99
78) n-propylbenzene	13.035	91	241189	19.393	ug/l	100
79) 2-Chlorotoluene	13.124	91	148667	19.362	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	185714	19.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14794	17.236	ug/l	93
82) 4-Chlorotoluene	13.124	91	148667	19.362	ug/l	99
83) tert-Butylbenzene	13.441	119	162804	19.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	184455	19.586	ug/l	100
85) sec-Butylbenzene	13.618	105	222415	19.039	ug/l	98
86) p-Isopropyltoluene	13.729	119	190361	19.475	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	96858	18.375	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	94852	17.691	ug/l	98
89) n-Butylbenzene	14.059	91	145269	18.543	ug/l	98
90) Hexachloroethane	14.335	117	31855	19.026	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	97022	18.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9989	18.056	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	44887	17.825	ug/l	96
94) Hexachlorobutadiene	15.506	225	24923	17.444	ug/l	99
95) Naphthalene	15.641	128	130011	17.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43705	17.663	ug/l	97

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Instrument :
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Quant Title : SW846 8260
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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

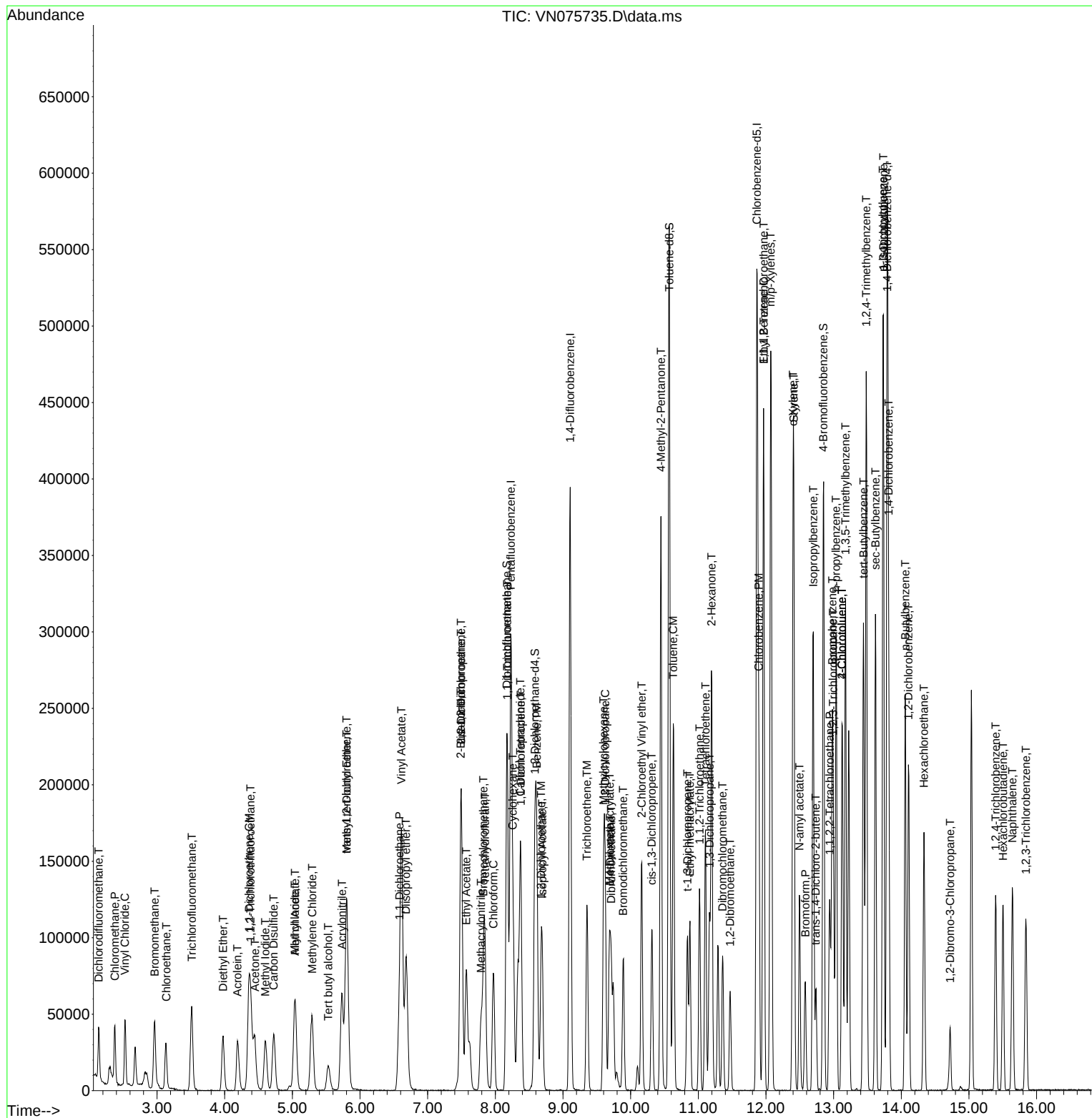
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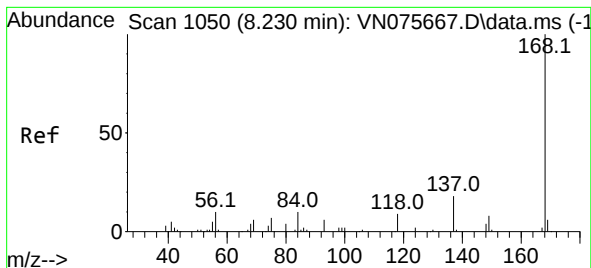
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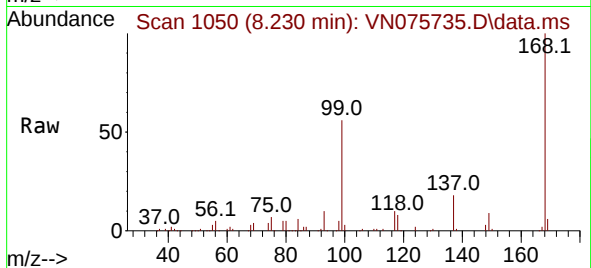
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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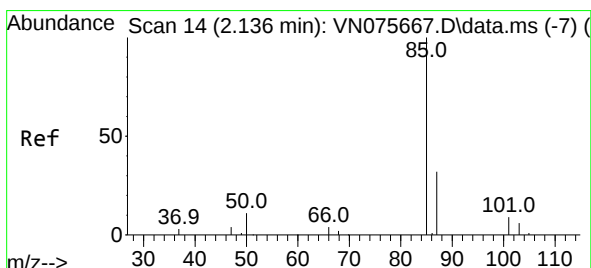
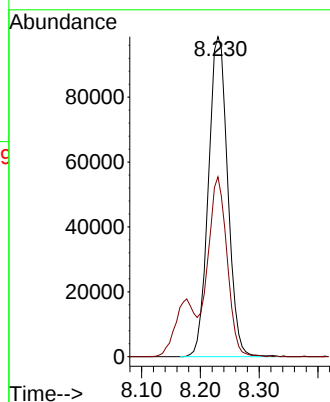
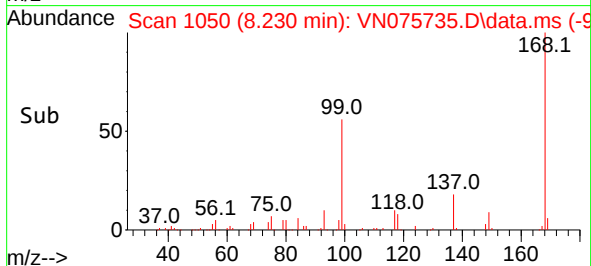
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion:168 Resp: 225192
Ion Ratio Lower Upper
168 100
99 56.2 41.2 61.8

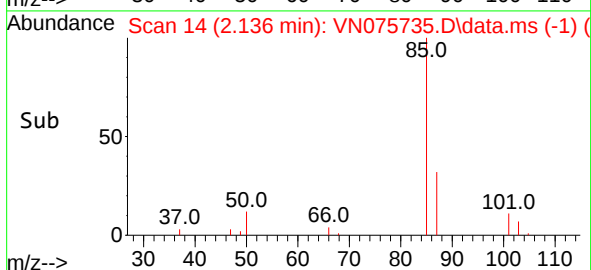
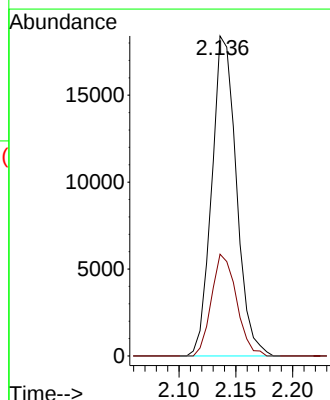
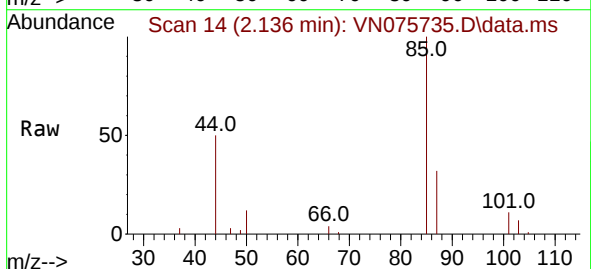
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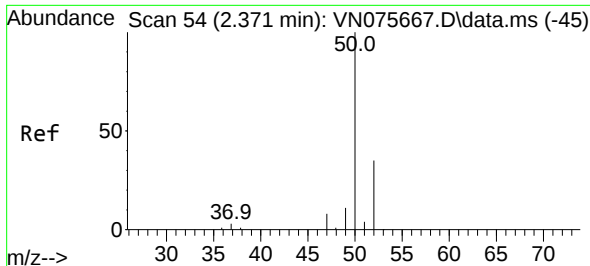
Reviewed By :John Carlone 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 16.756 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion: 85 Resp: 27752
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





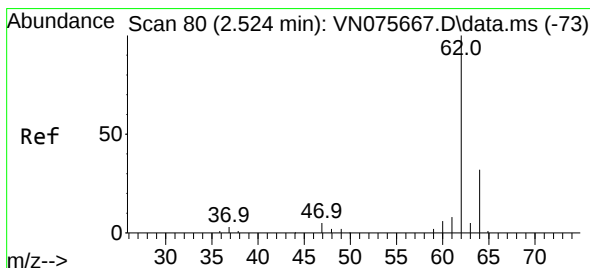
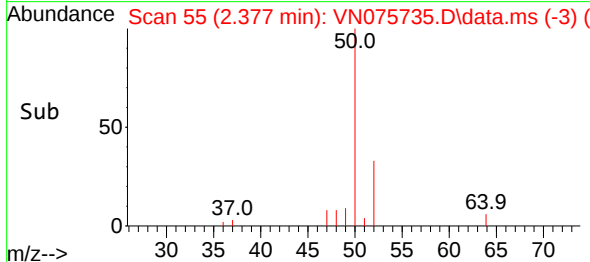
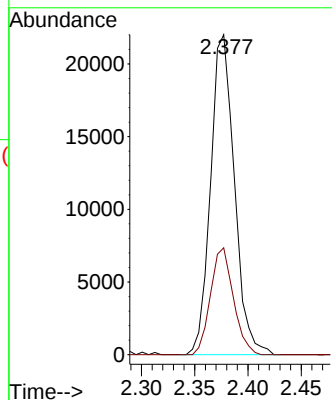
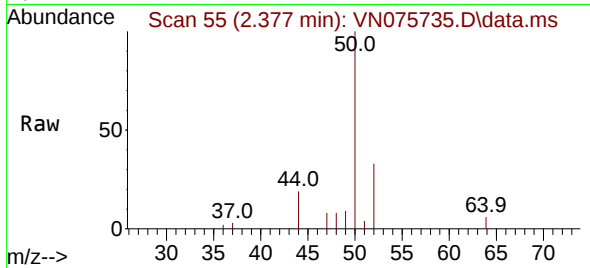
#3
Chloromethane
Concen: 17.333 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 3420
Ion Ratio Lower Upper
50 100
52 33.4 27.9 41.9

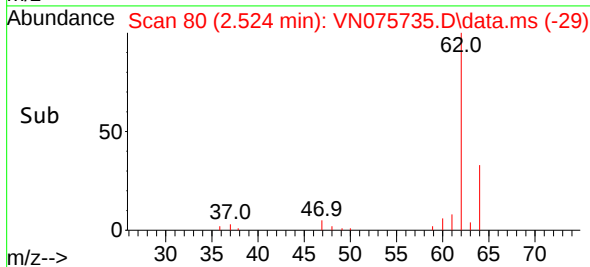
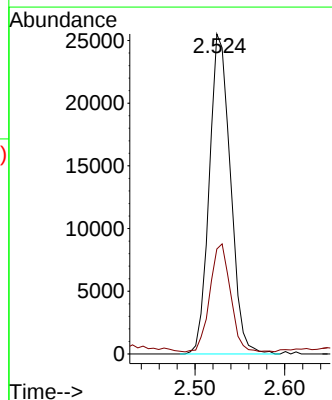
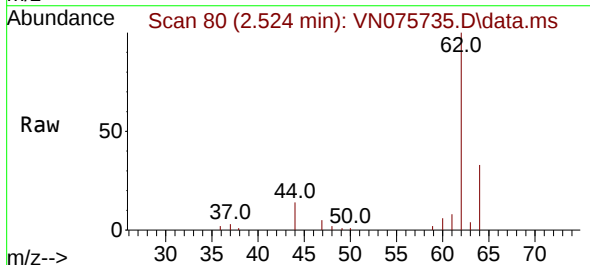
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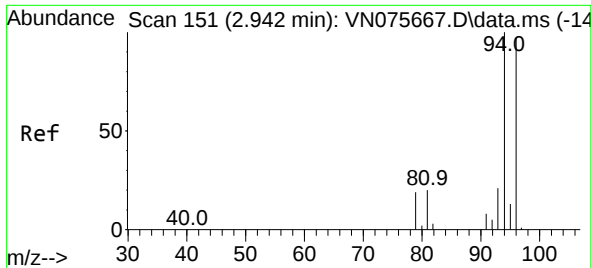
Reviewed By :John Carlone 12/13/2022
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#4
Vinyl Chloride
Concen: 17.251 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion: 62 Resp: 41815
Ion Ratio Lower Upper
62 100
64 31.9 25.9 38.9





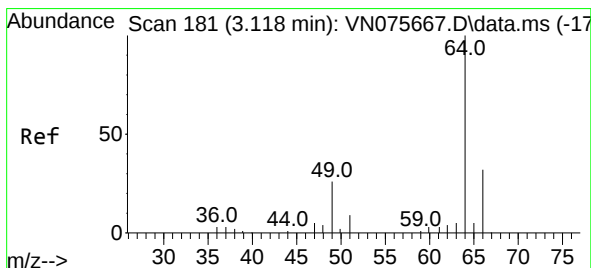
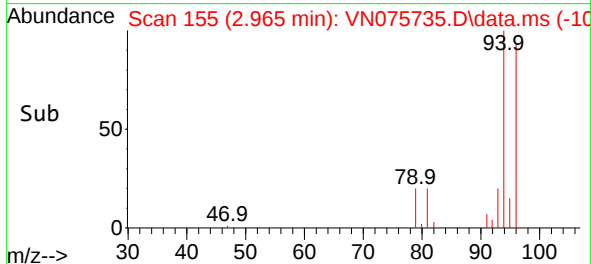
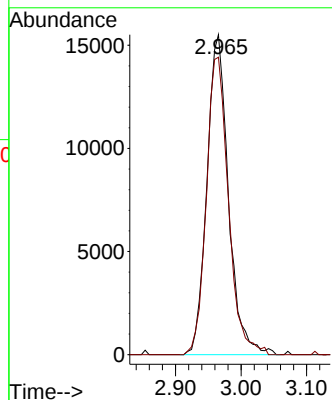
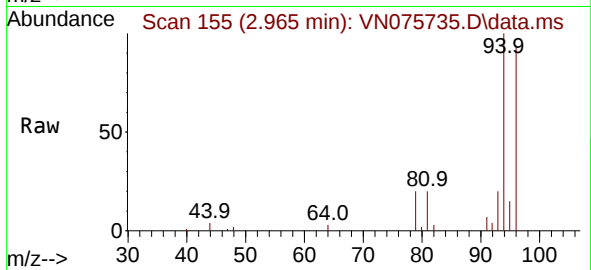
#5
Bromomethane
Concen: 17.180 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075735.D
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Instrument :
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Tgt Ion: 94 Resp: 3546
Ion Ratio Lower Upper
94 100
96 92.9 77.6 116.4

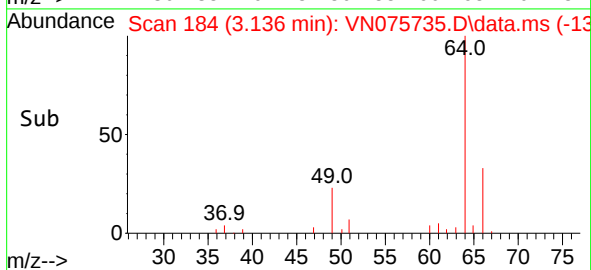
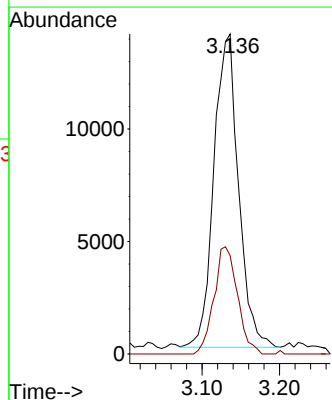
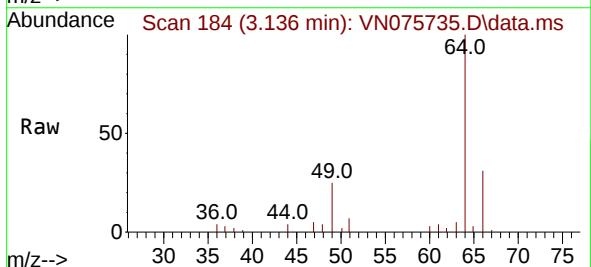
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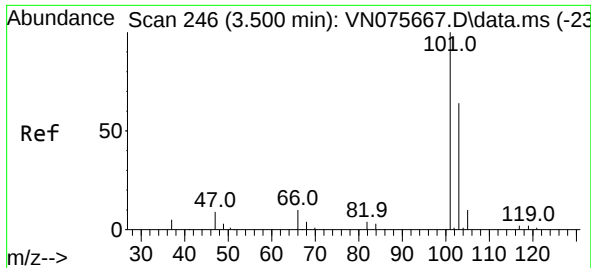
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 16.996 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

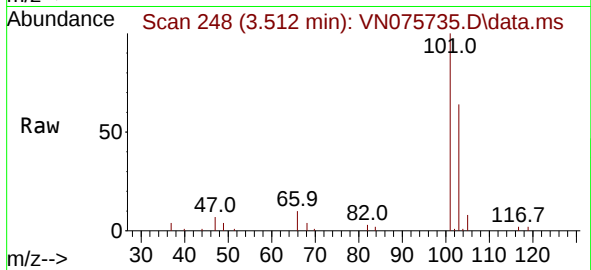
Tgt Ion: 64 Resp: 30739
Ion Ratio Lower Upper
64 100
66 31.4 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 17.584 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075735.D
 Acq: 13 Dec 2022 02:52

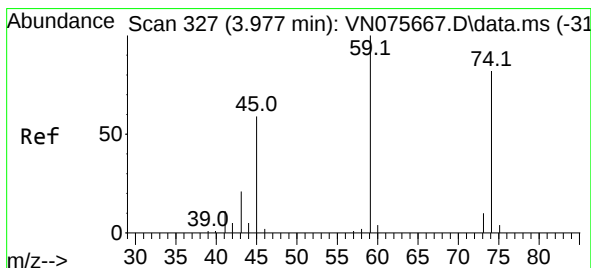
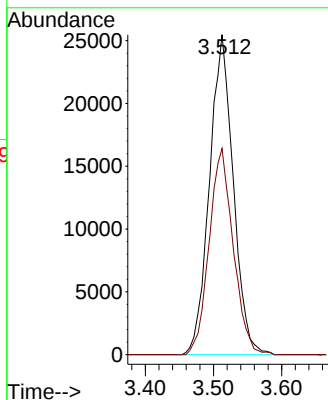
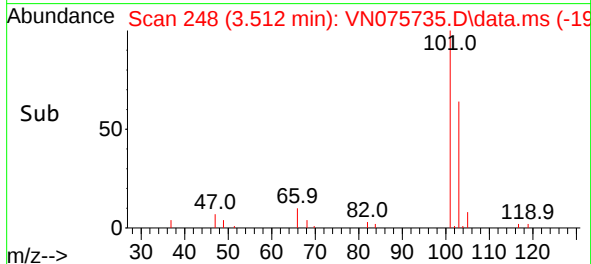
Instrument :
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Tgt Ion:101 Resp: 6184
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

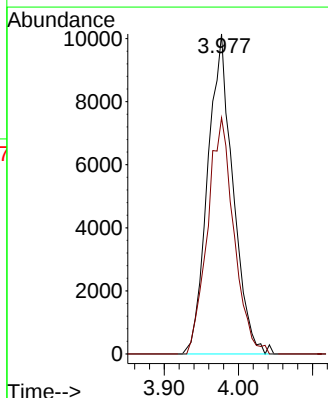
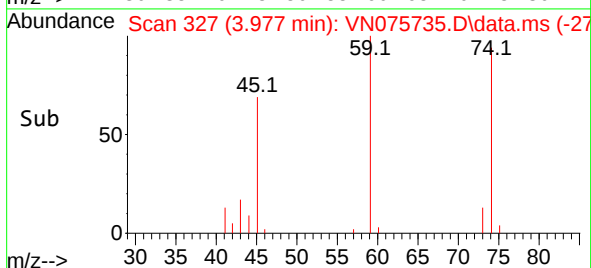
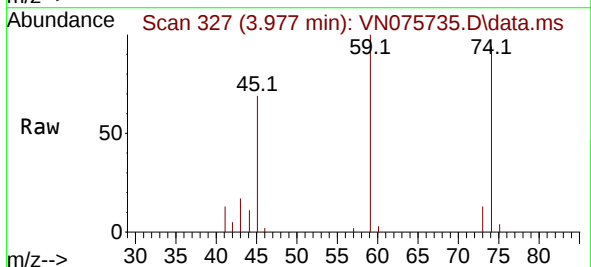
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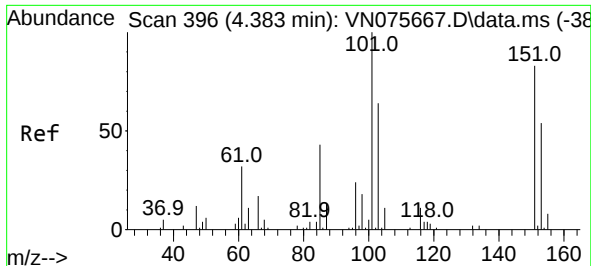
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#8
 Diethyl Ether
 Concen: 18.704 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075735.D
 Acq: 13 Dec 2022 02:52

Tgt Ion: 74 Resp: 24048
 Ion Ratio Lower Upper
 74 100
 45 76.9 36.8 110.4





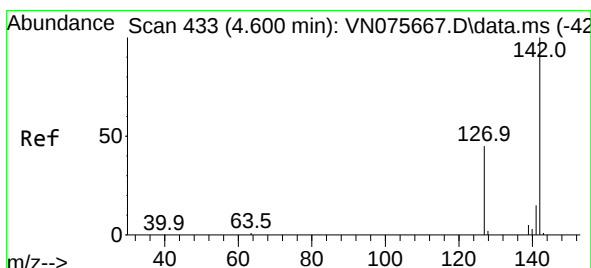
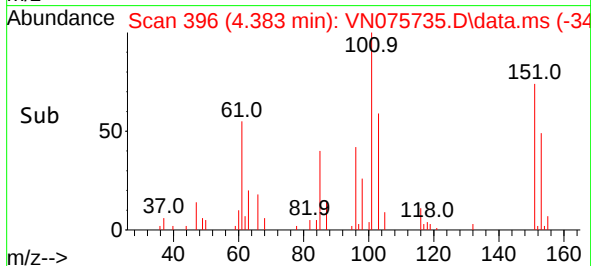
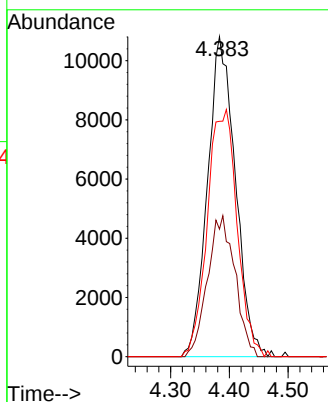
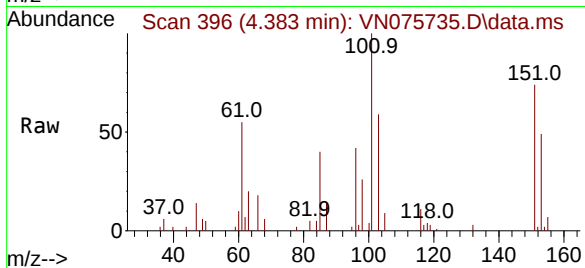
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.242 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02

Tgt Ion:101 Resp: 3558
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 82.2 65.6 98.4

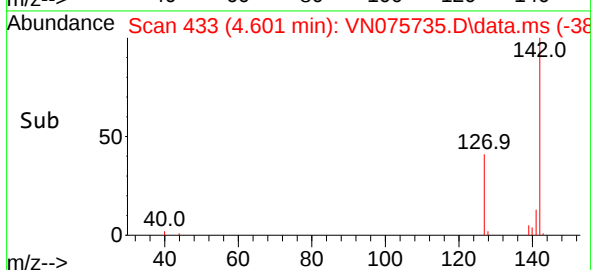
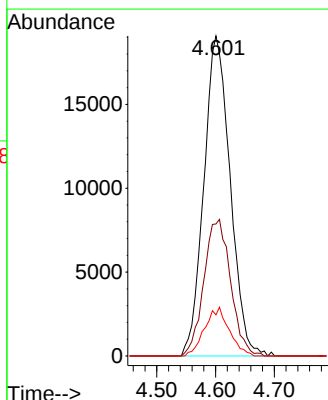
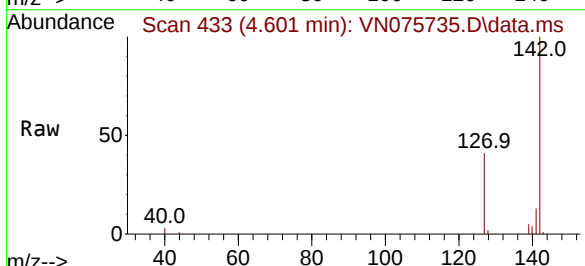
Manual Integrations
APPROVED

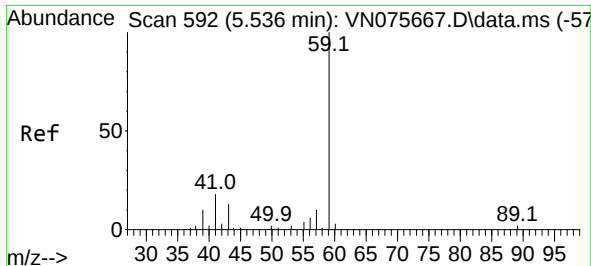
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 17.574 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion:142 Resp: 59273
Ion Ratio Lower Upper
142 100
127 43.3 35.0 52.4
141 14.2 11.4 17.2





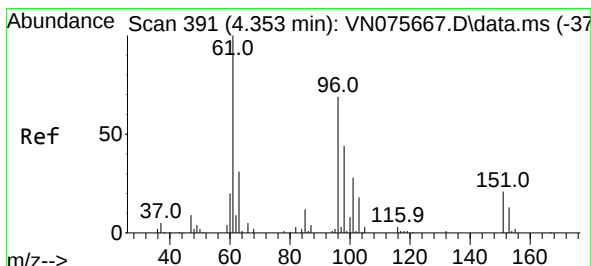
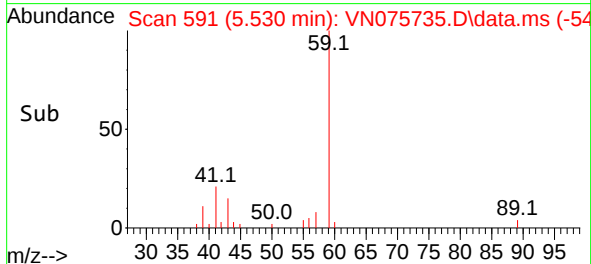
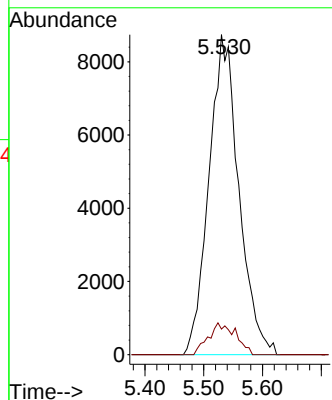
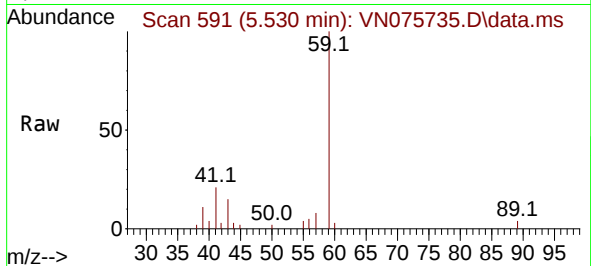
#11
Tert butyl alcohol
Concen: 87.256 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02

Tgt Ion: 59 Resp: 3084
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.4

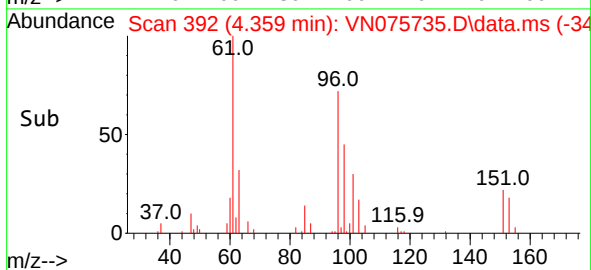
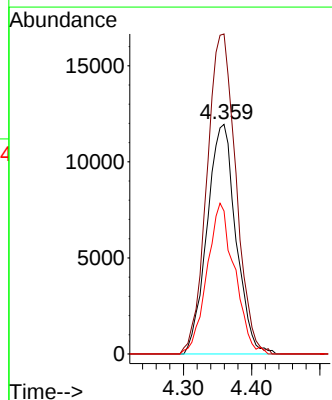
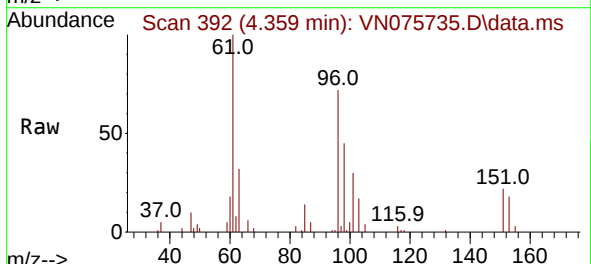
Manual Integrations
APPROVED

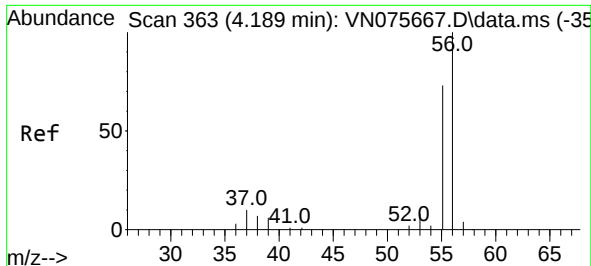
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
1,1-Dichloroethene
Concen: 18.249 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

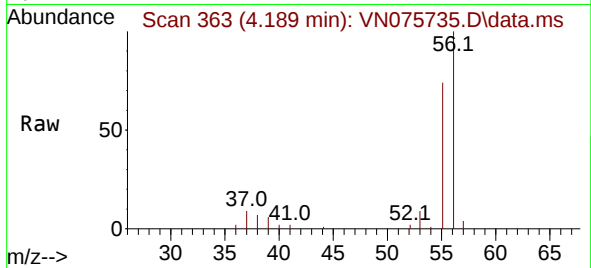
Tgt Ion: 96 Resp: 35205
Ion Ratio Lower Upper
96 100
61 139.3 116.8 175.2
98 62.2 51.6 77.4





#13
Acrolein
Concen: 108.228 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

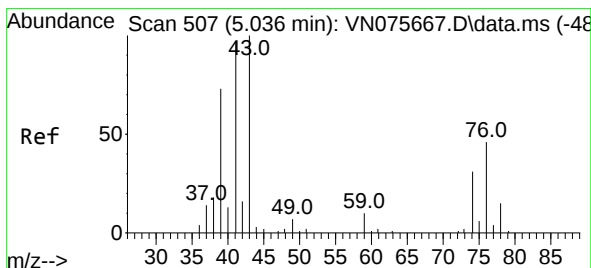
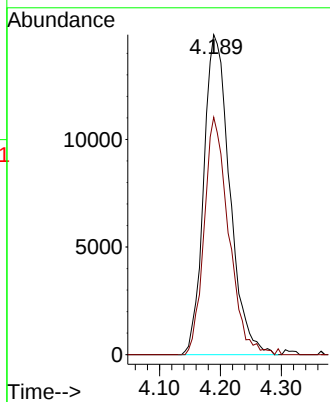
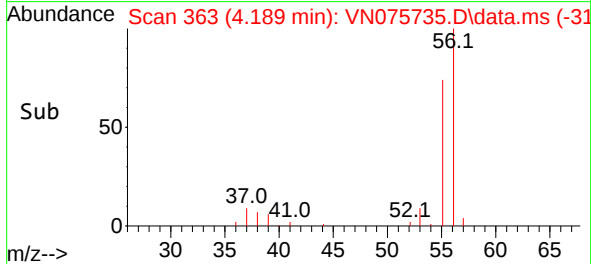
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



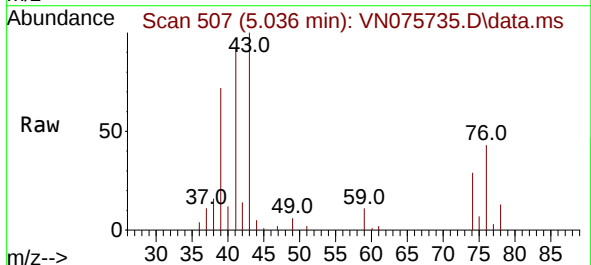
Tgt Ion: 56 Resp: 44060
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

Manual Integrations
APPROVED

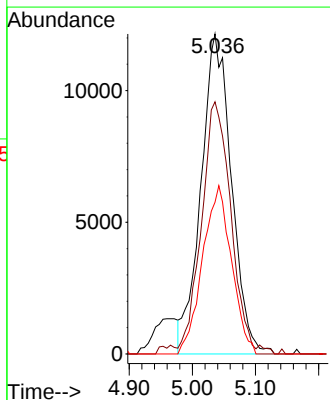
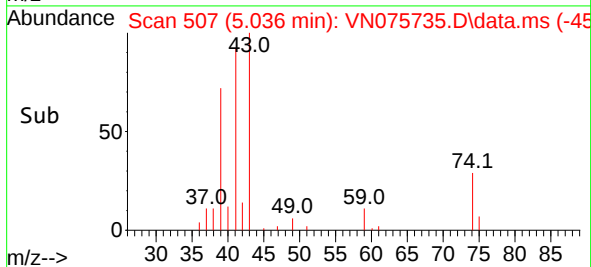
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

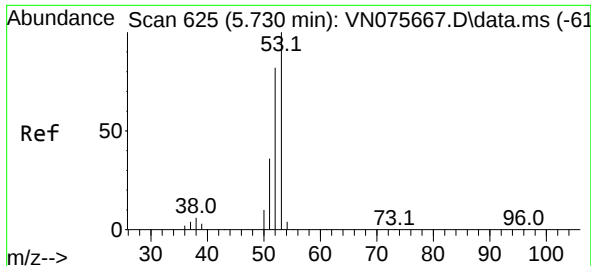


#14
Allyl chloride
Concen: 16.935 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



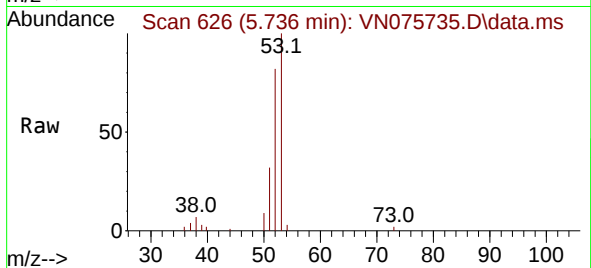
Tgt Ion: 41 Resp: 40685
Ion Ratio Lower Upper
41 100
39 76.4 64.6 96.8
76 49.8 40.9 61.3





#15
Acrylonitrile
Concen: 92.762 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

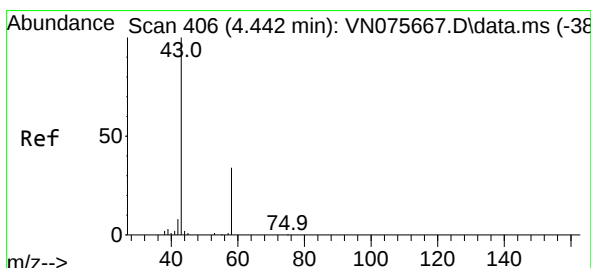
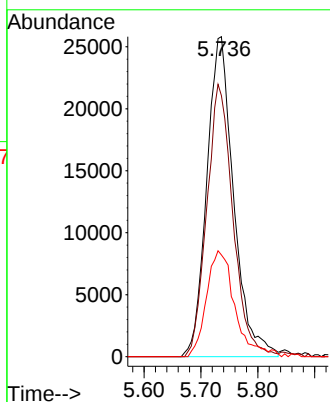
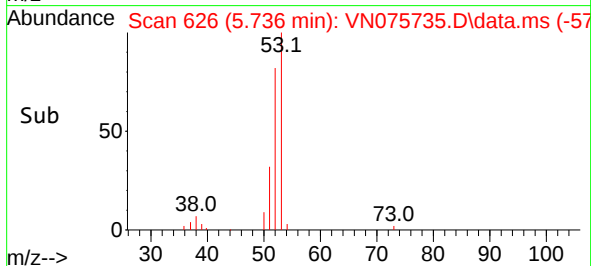
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion: 53 Resp: 8469
Ion Ratio Lower Upper
53 100
52 82.8 65.0 97.4
51 34.9 28.9 43.3

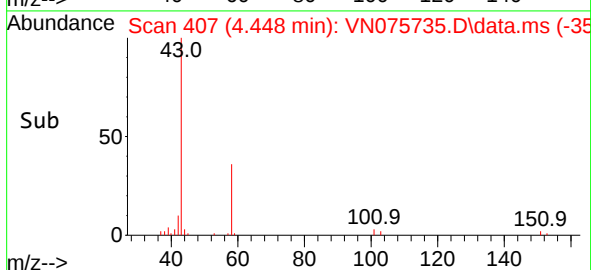
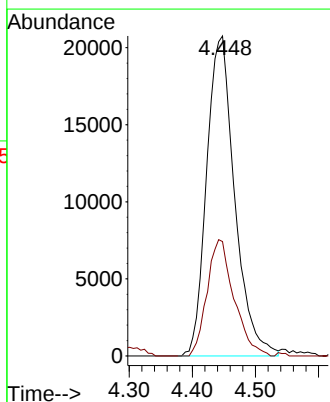
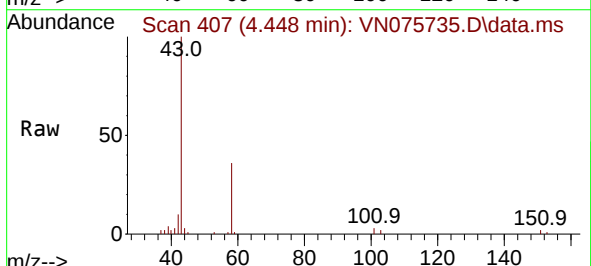
Manual Integrations
APPROVED

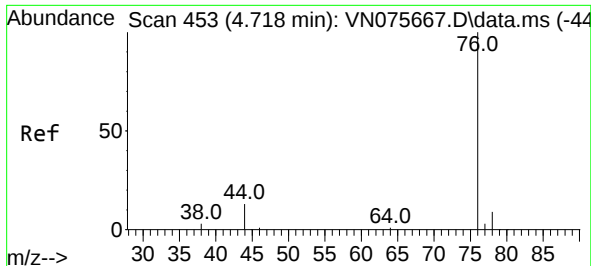
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 79.161 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

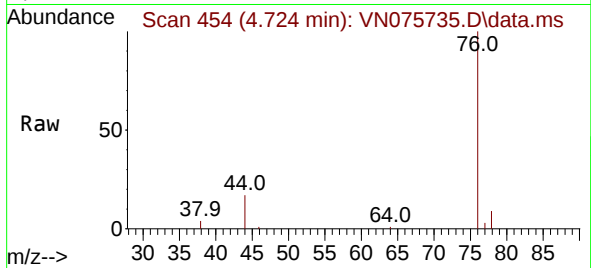
Tgt Ion: 43 Resp: 64054
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.4





#17
Carbon Disulfide
Concen: 16.920 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

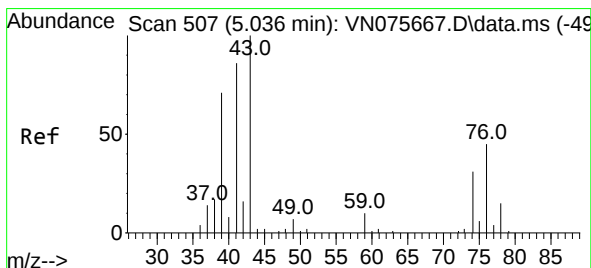
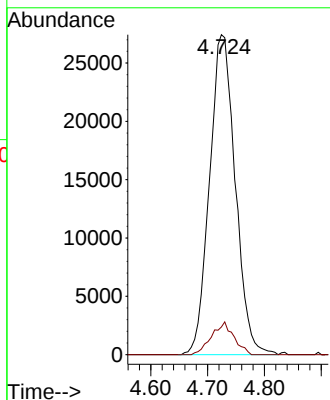
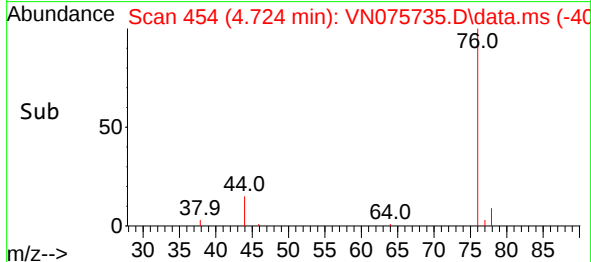
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion: 76 Resp: 86370
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

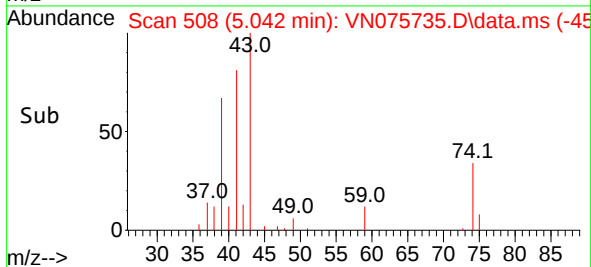
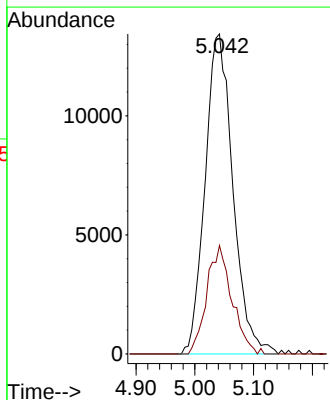
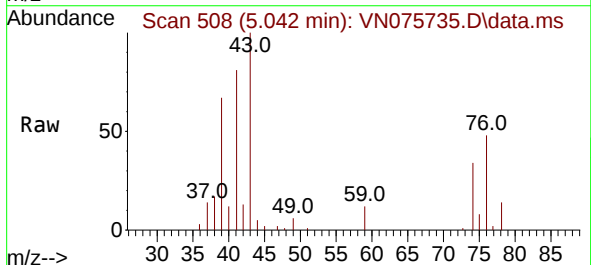
Manual Integrations
APPROVED

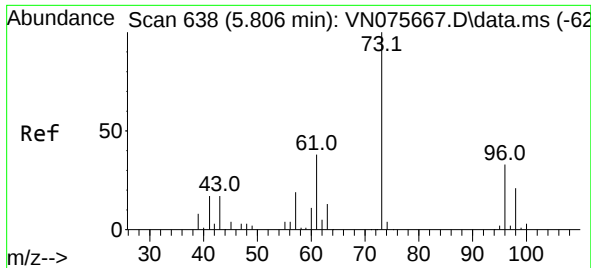
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 16.985 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion: 43 Resp: 44164
Ion Ratio Lower Upper
43 100
74 30.6 24.5 36.7





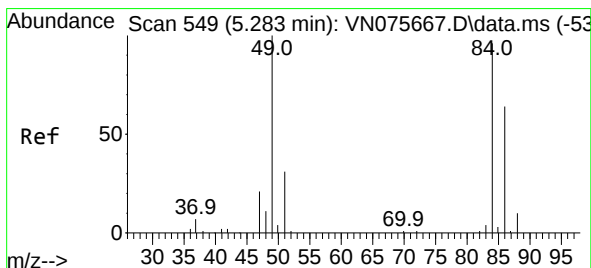
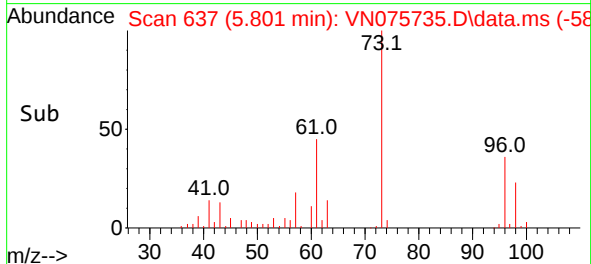
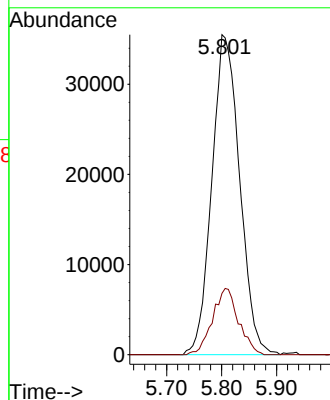
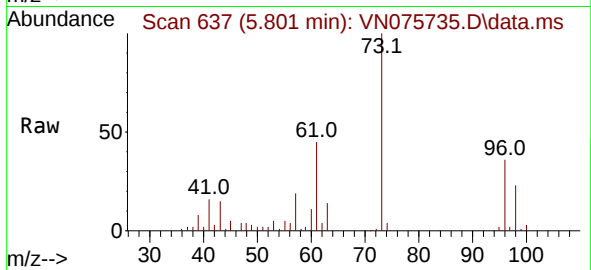
#19
Methyl tert-butyl Ether
Concen: 19.225 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02

Tgt Ion: 73 Resp: 12475
Ion Ratio Lower Upper
73 100
57 19.1 15.1 22.7

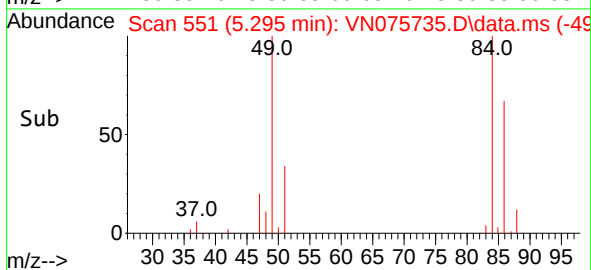
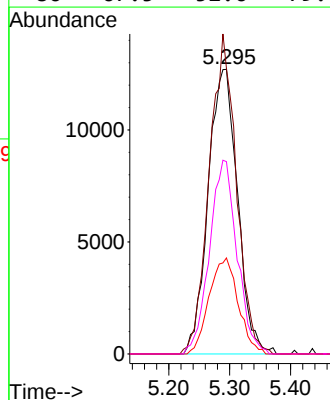
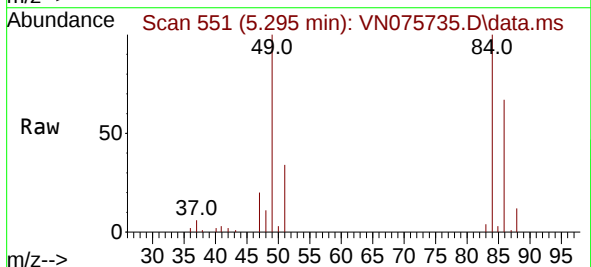
Manual Integrations
APPROVED

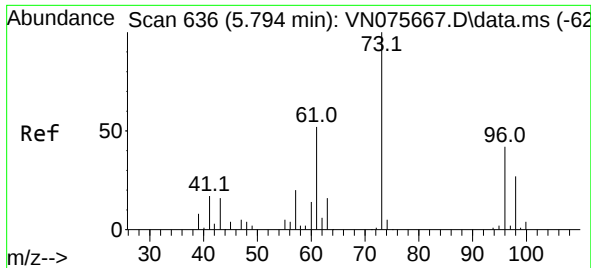
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 17.648 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.012 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion: 84 Resp: 42570
Ion Ratio Lower Upper
84 100
49 100.4 83.0 124.4
51 33.7 26.0 39.0
86 67.5 52.6 79.0





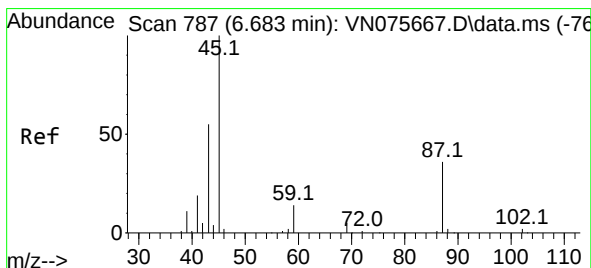
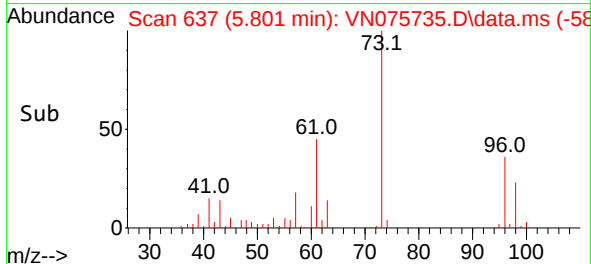
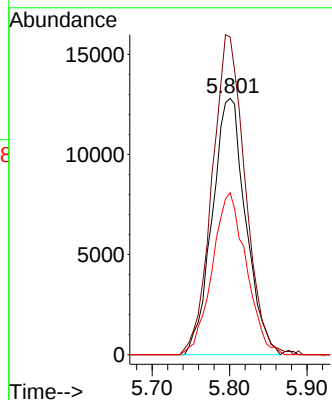
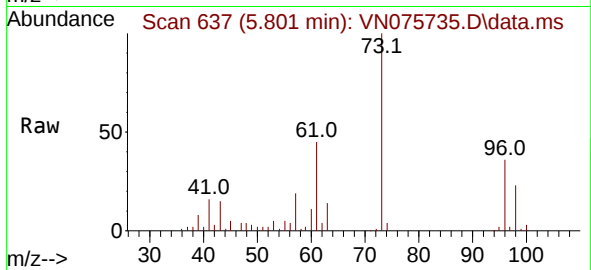
#21
trans-1,2-Dichloroethene
Concen: 17.840 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02

Tgt Ion: 96 Resp: 3846
Ion Ratio Lower Upper
96 100
61 123.9 100.5 150.7
98 63.2 52.7 79.1

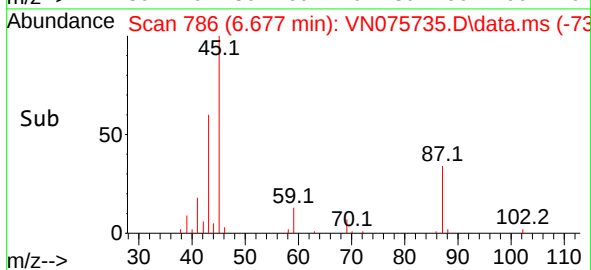
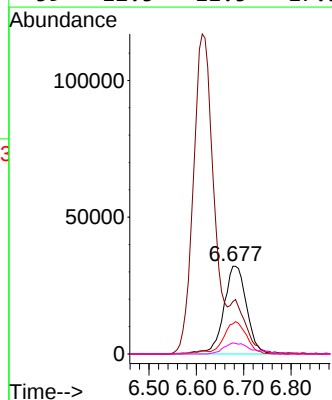
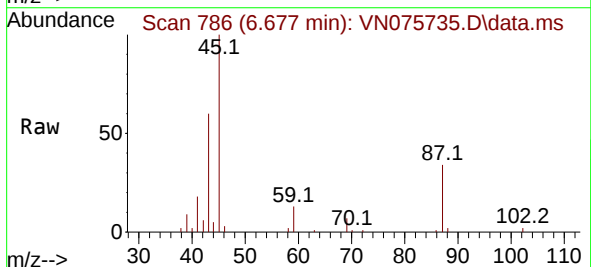
Manual Integrations
APPROVED

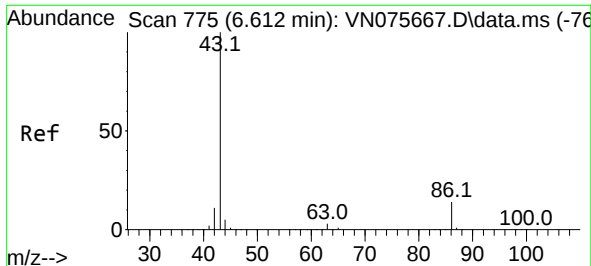
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 19.592 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion: 45 Resp: 107094
Ion Ratio Lower Upper
45 100
43 58.4 44.9 67.3
87 34.4 28.8 43.2
59 12.5 11.5 17.3





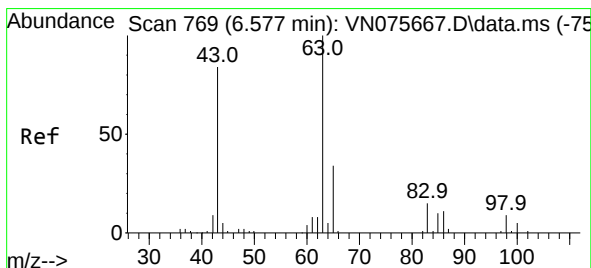
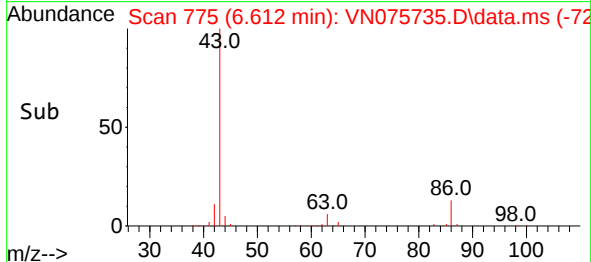
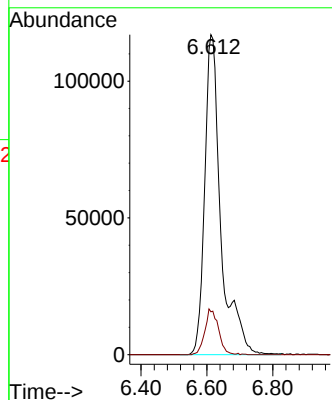
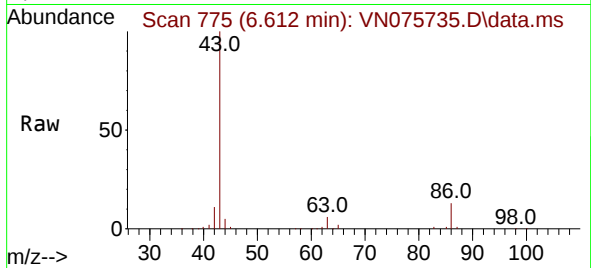
#23
 Vinyl Acetate
 Concen: 95.406 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075735.D
 Acq: 13 Dec 2022 02:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS02

Tgt Ion: 43 Resp: 39766
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.5 17.3

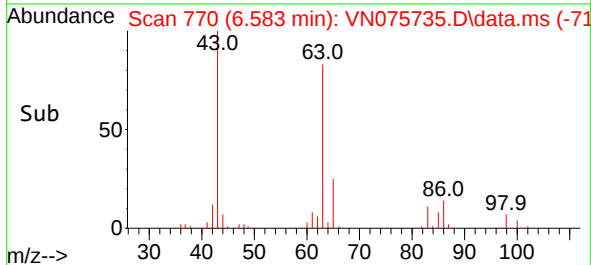
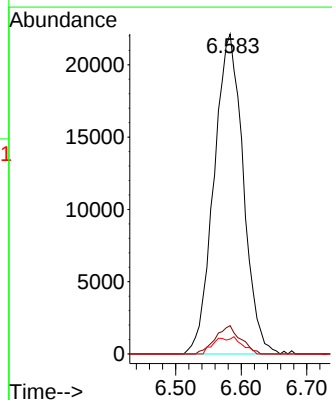
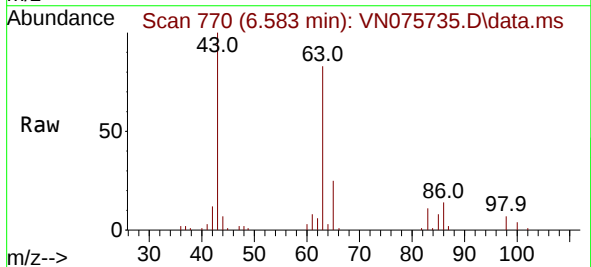
Manual Integrations
 APPROVED

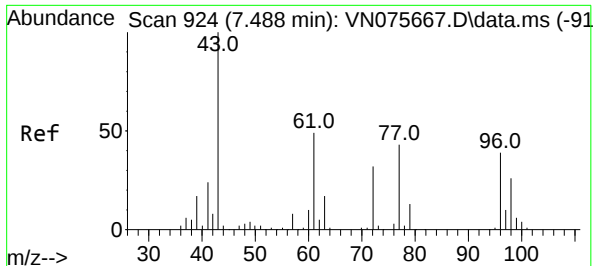
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 19.015 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075735.D
 Acq: 13 Dec 2022 02:52

Tgt Ion: 63 Resp: 68418
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.3 12.9
 100 4.7 2.6 7.8





#25

2-Butanone

Concen: 87.700 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 43 Resp: 103739

Ion Ratio Lower Upper

43 100

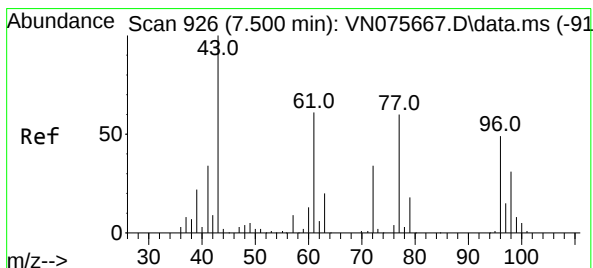
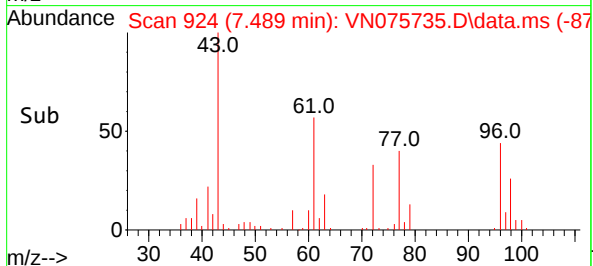
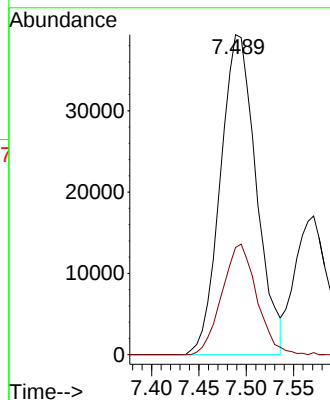
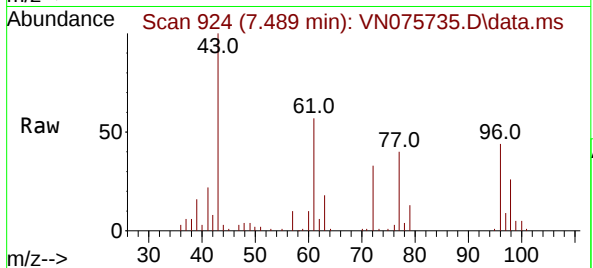
72 33.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 16.384 ug/l

RT: 7.495 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075735.D

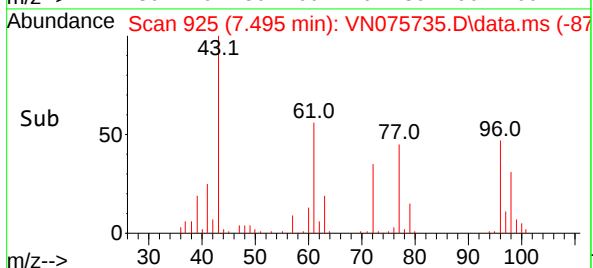
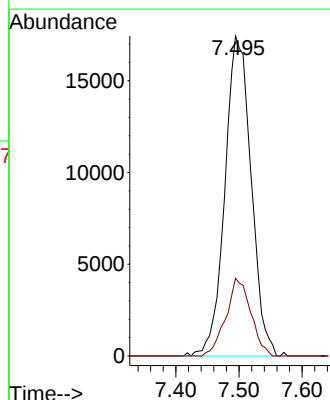
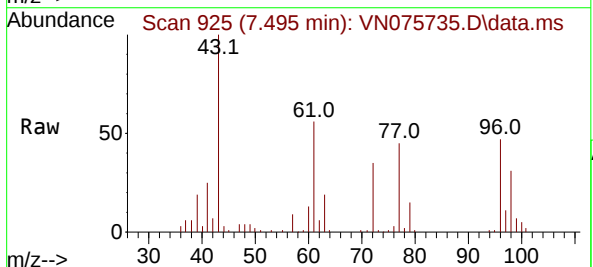
Acq: 13 Dec 2022 02:52

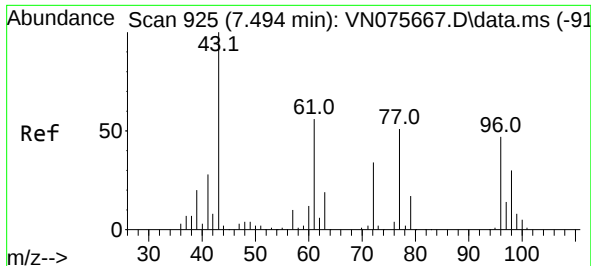
Tgt Ion: 77 Resp: 50278

Ion Ratio Lower Upper

77 100

97 23.0 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 18.371 ug/l

RT: 7.495 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

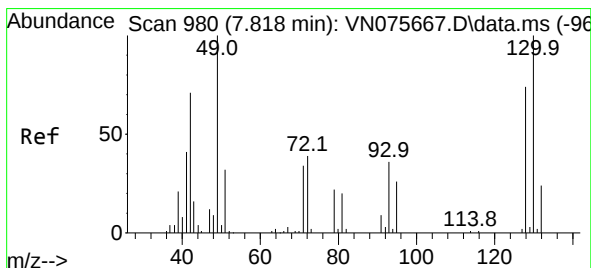
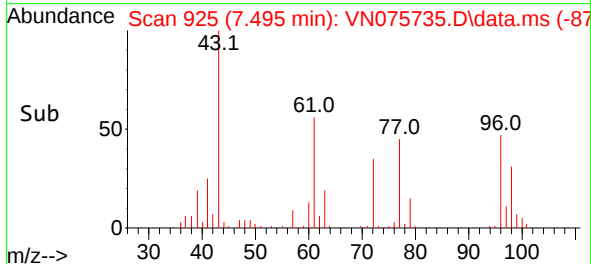
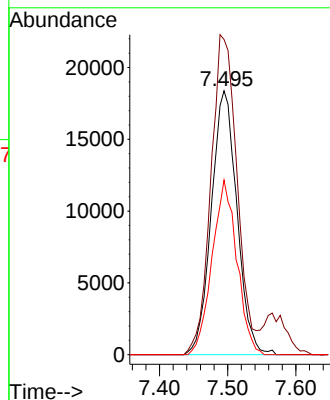
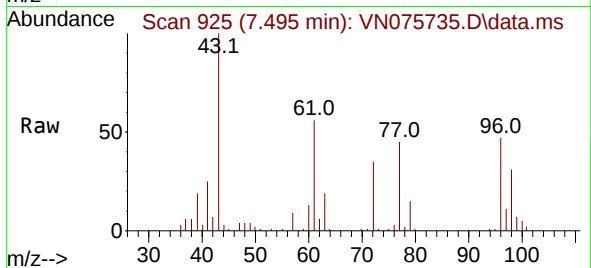
Tgt Ion: 96 Resp: 4808
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 247.8
 98 64.0 0.0 126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

Bromochloromethane

Concen: 19.807 ug/l

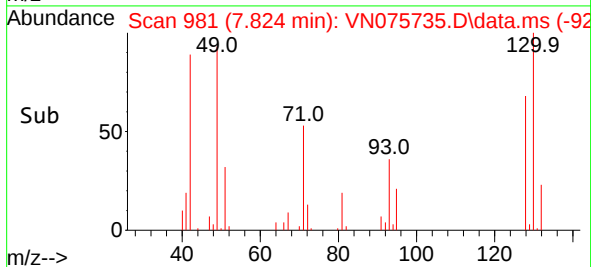
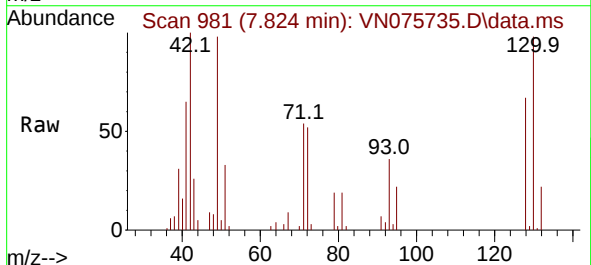
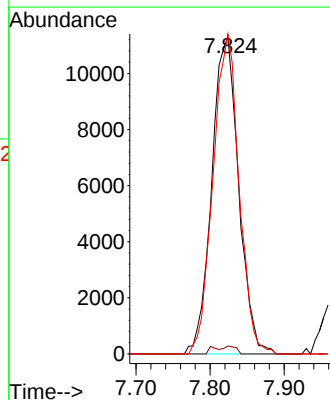
RT: 7.824 min Scan# 981

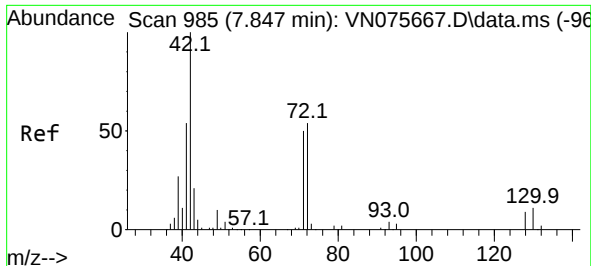
Delta R.T. 0.006 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Tgt Ion: 49 Resp: 28495
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 5.4
 130 97.6 78.5 117.7





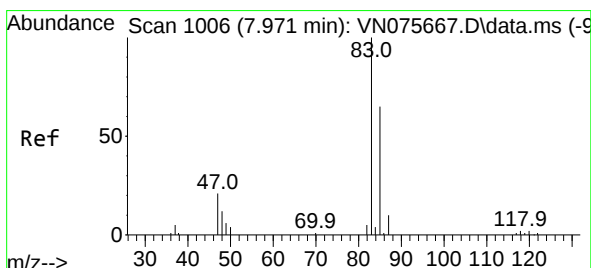
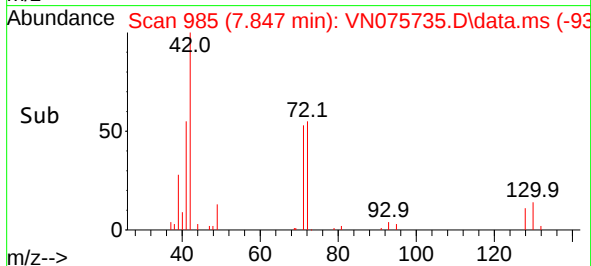
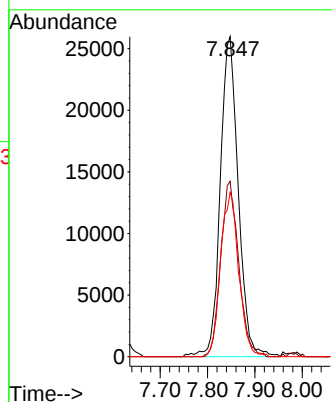
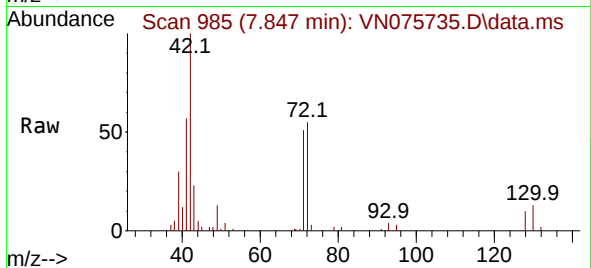
#29
Tetrahydrofuran
Concen: 93.980 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02

Tgt Ion: 42 Resp: 68520
Ion Ratio Lower Upper
42 100
72 54.7 44.6 67.0
71 51.9 41.2 61.8

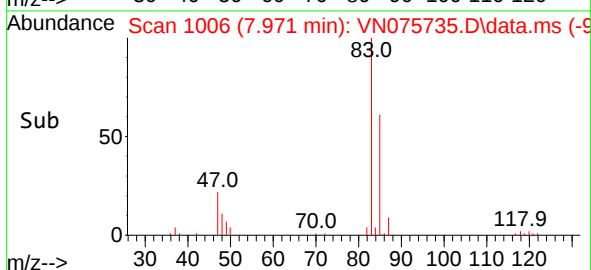
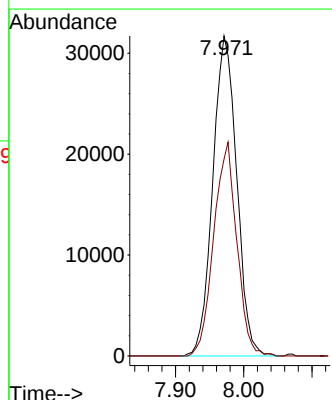
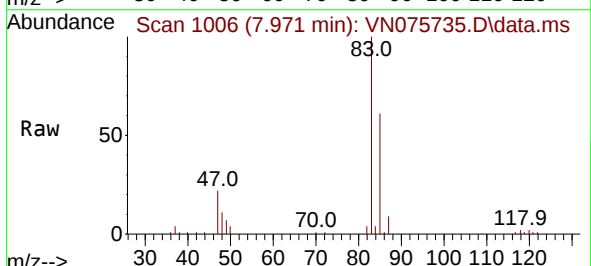
Manual Integrations
APPROVED

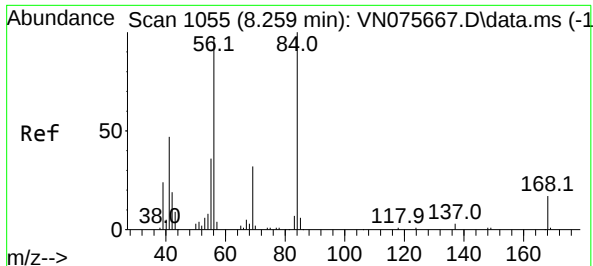
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#30
Chloroform
Concen: 19.455 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

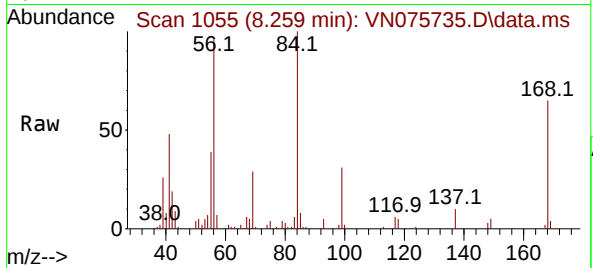
Tgt Ion: 83 Resp: 77535
Ion Ratio Lower Upper
83 100
85 61.5 51.8 77.6





#31
Cyclohexane
Concen: 16.786 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

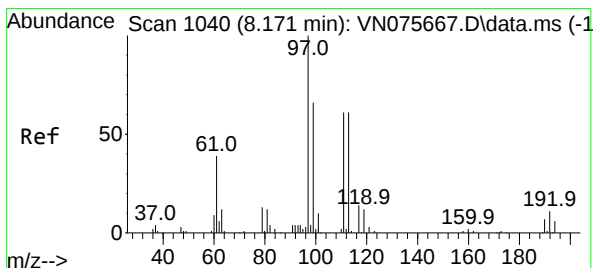
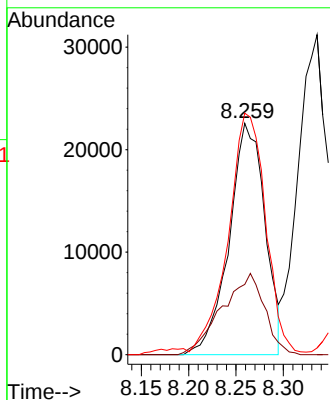
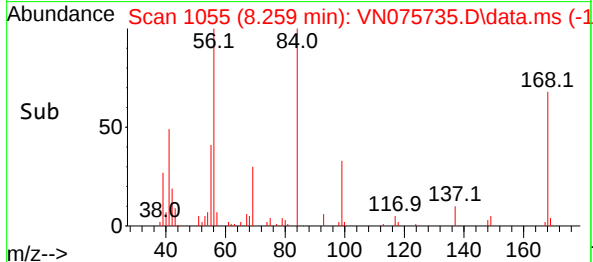
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



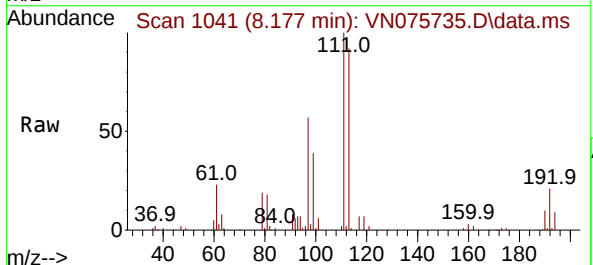
Tgt Ion: 56 Resp: 5938
Ion Ratio Lower Upper
56 100
69 30.4 26.2 39.2
84 102.0 82.8 124.2

Manual Integrations
APPROVED

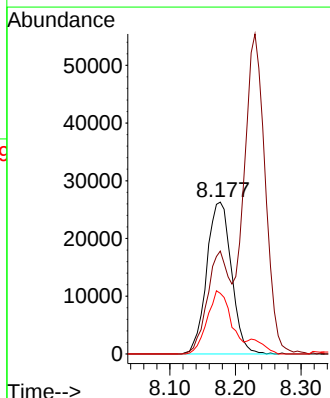
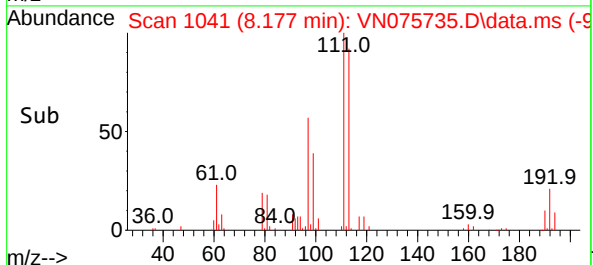
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

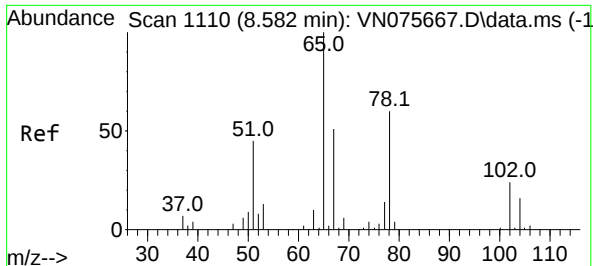


#32
1,1,1-Trichloroethane
Concen: 18.719 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



Tgt Ion: 97 Resp: 68827
Ion Ratio Lower Upper
97 100
99 60.7 51.2 76.8
61 40.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.170 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 65 Resp: 119874

Ion Ratio Lower Upper

65 100

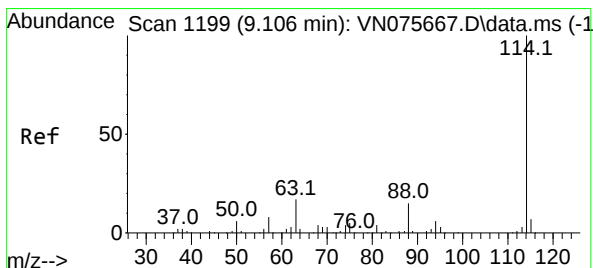
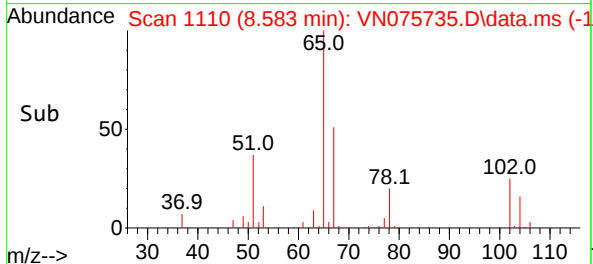
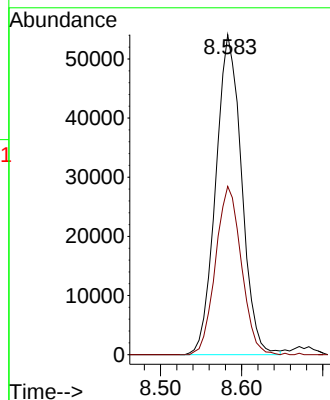
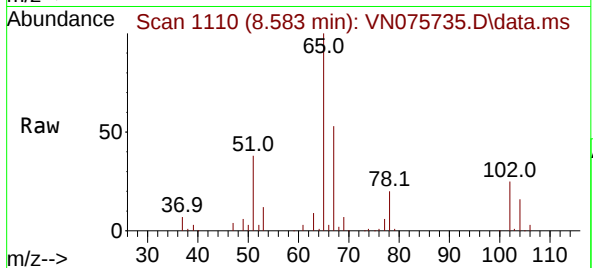
67 52.4 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

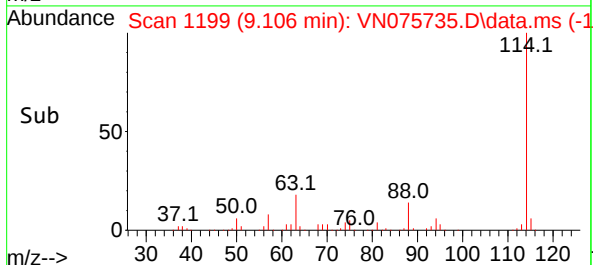
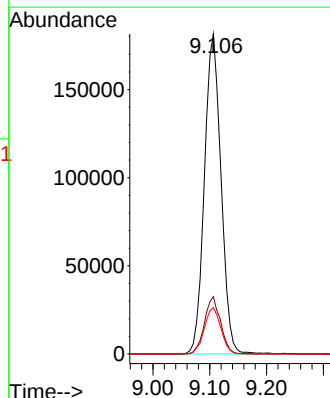
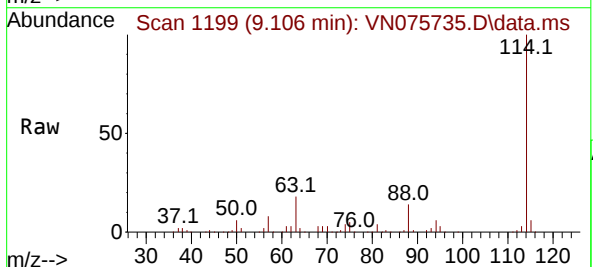
Tgt Ion:114 Resp: 368105

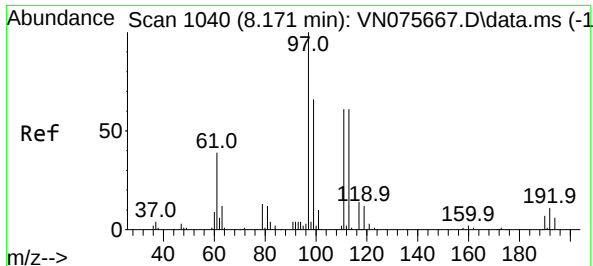
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.600 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion:113 Resp: 109150

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.6

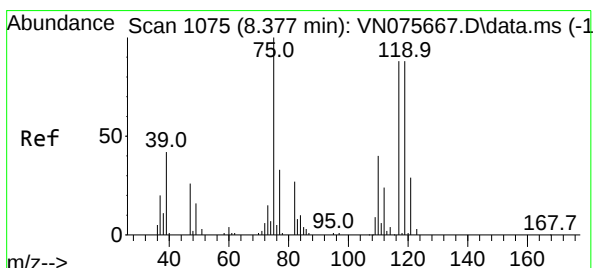
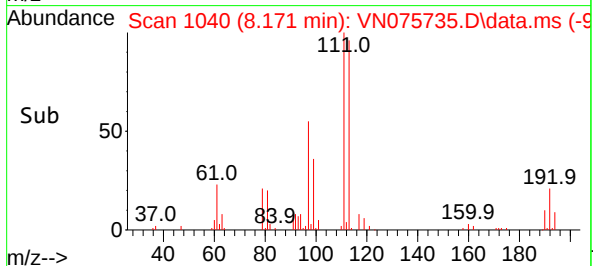
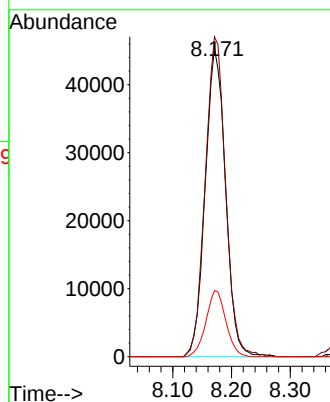
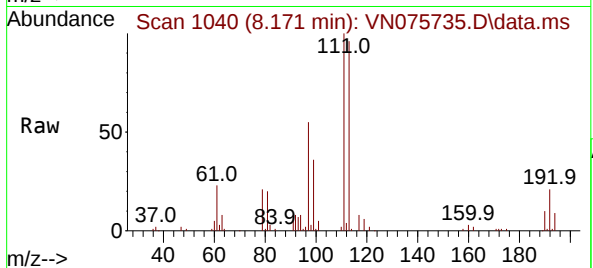
192 21.0 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 18.062 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

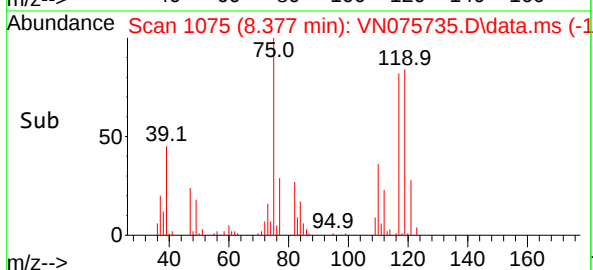
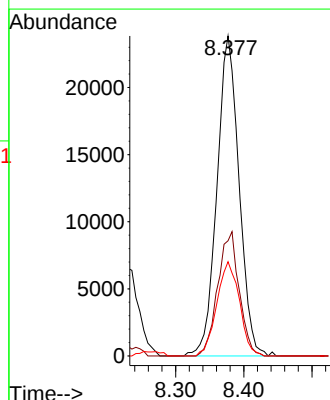
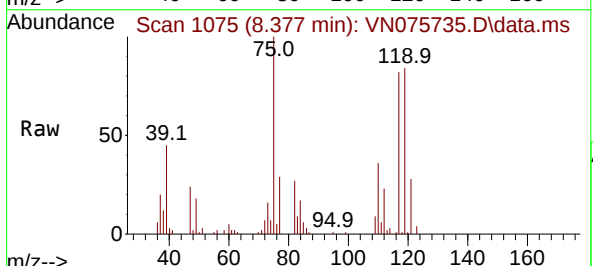
Tgt Ion: 75 Resp: 53865

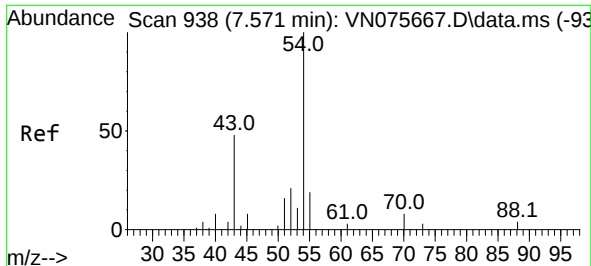
Ion Ratio Lower Upper

75 100

110 37.6 18.9 56.9

77 30.1 25.4 38.2





#37

Ethyl Acetate

Concen: 17.530 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 43 Resp: 4197

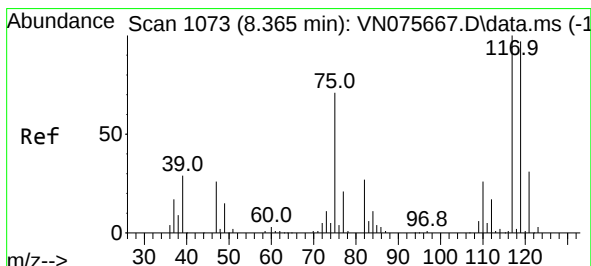
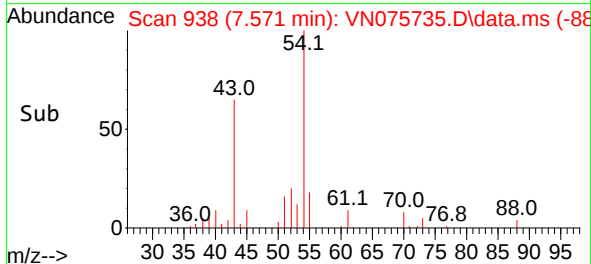
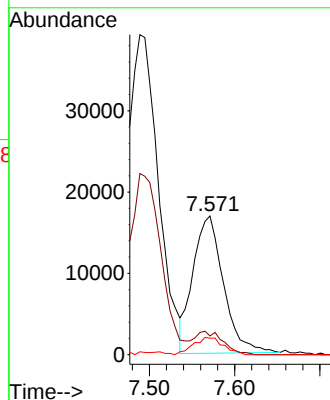
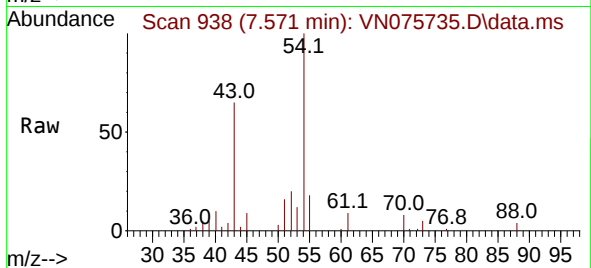
Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.3	19.9
70	12.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#38

Carbon Tetrachloride

Concen: 17.076 ug/l

RT: 8.371 min Scan# 1074

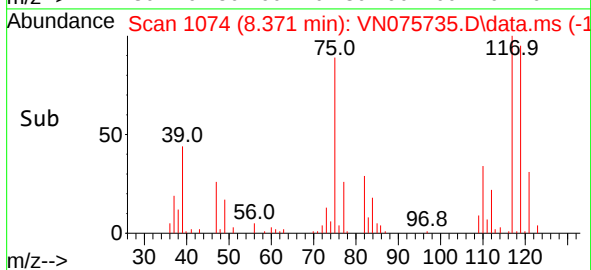
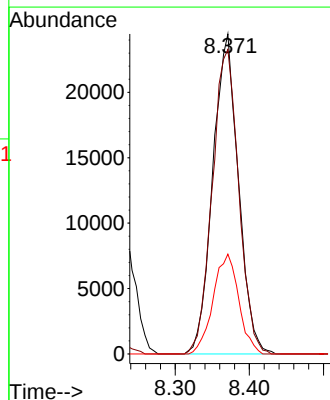
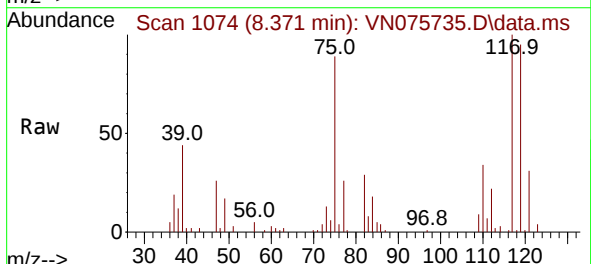
Delta R.T. 0.006 min

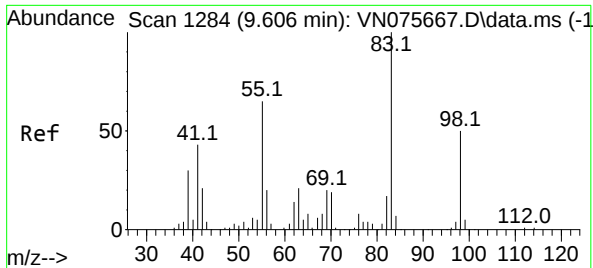
Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Tgt Ion: 117 Resp: 58762

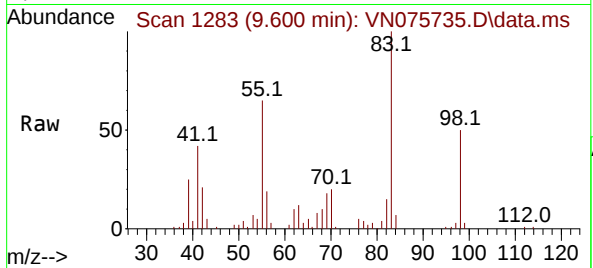
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	31.2	24.6	37.0





#39
Methylcyclohexane
Concen: 17.157 ug/l
RT: 9.600 min Scan# 11283
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

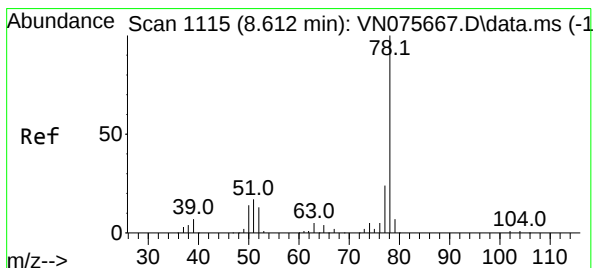
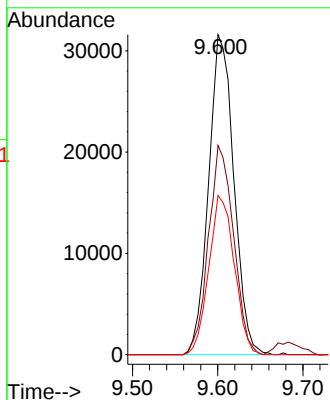
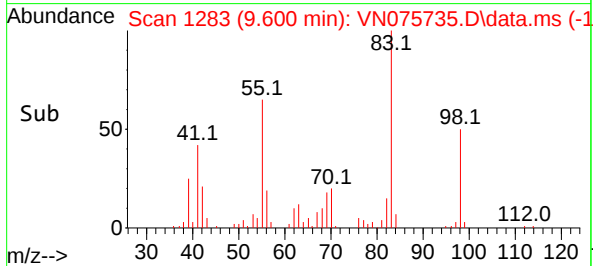
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion: 83 Resp: 64880
Ion Ratio Lower Upper
83 100
55 65.4 51.6 77.4
98 49.7 39.8 59.8

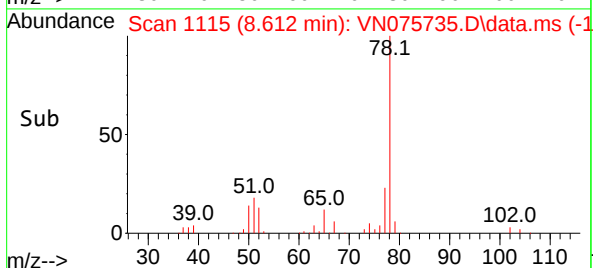
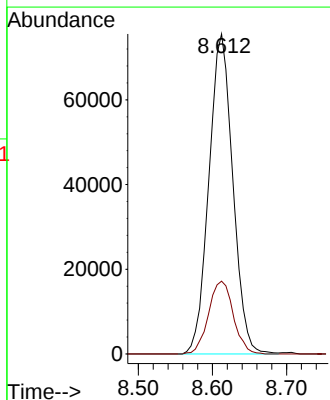
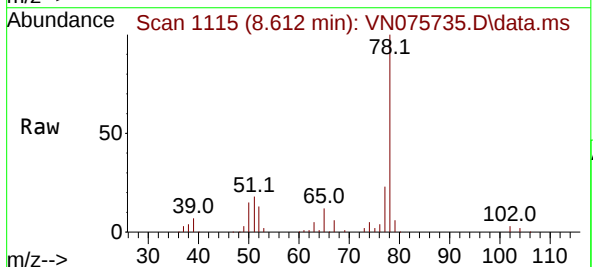
Manual Integrations
APPROVED

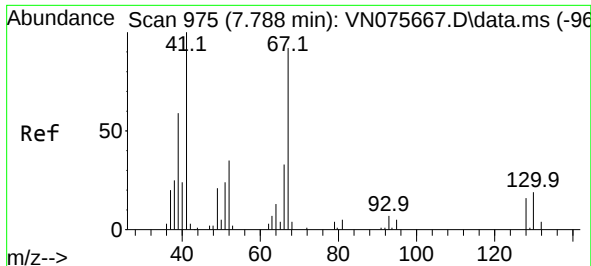
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#40
Benzene
Concen: 18.497 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

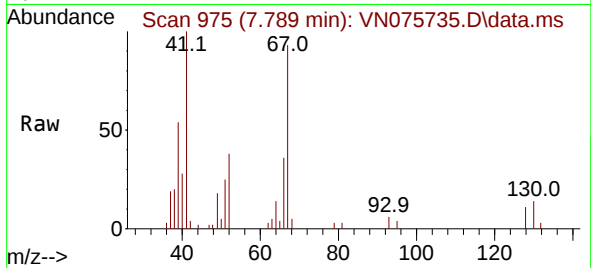
Tgt Ion: 78 Resp: 169287
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7





#41
Methacrylonitrile
Concen: 19.188 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

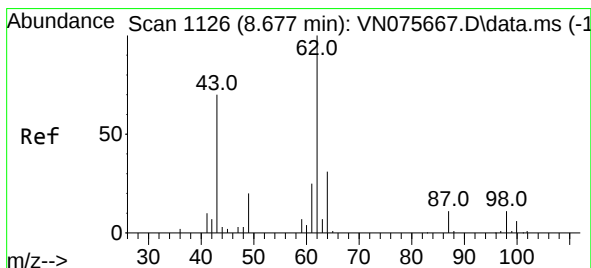
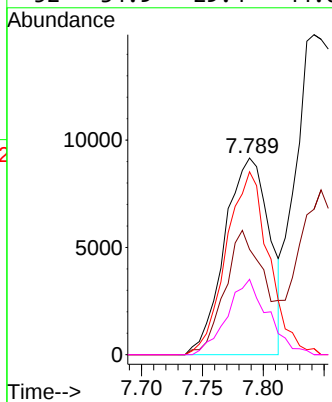
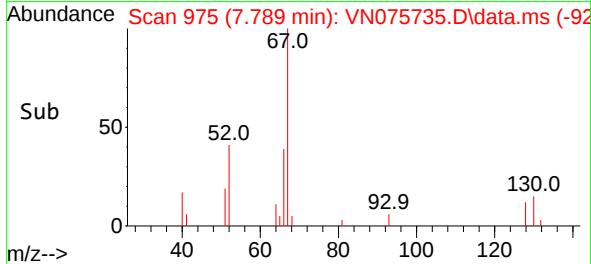
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



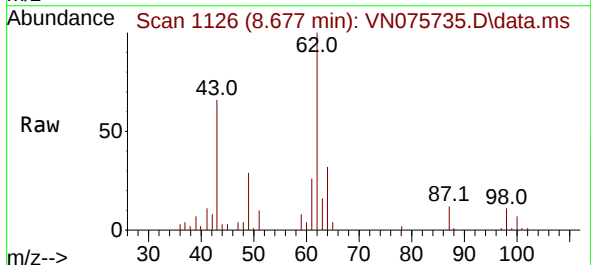
Tgt Ion: 41 Resp: 23558
Ion Ratio Lower Upper
41 100
39 56.6 46.3 69.5
67 88.4 74.0 111.0
52 34.9 29.4 44.0

Manual Integrations
APPROVED

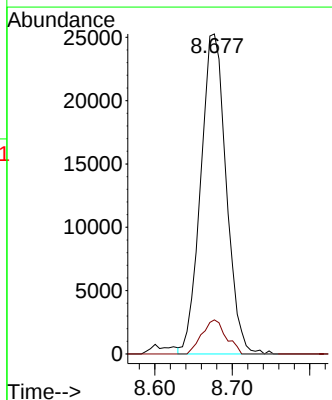
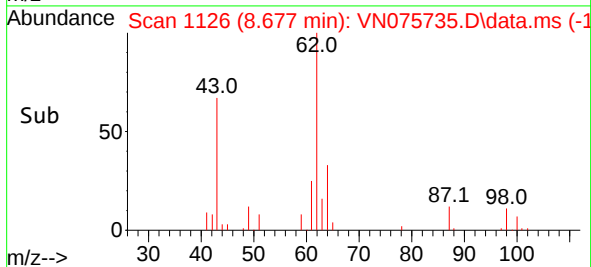
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

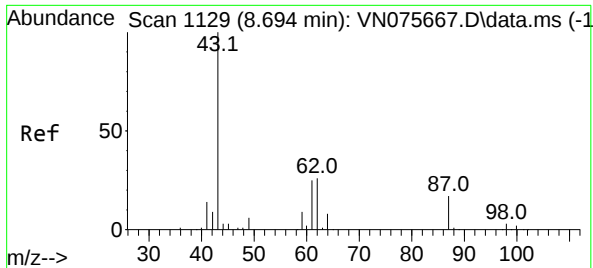


#42
1,2-Dichloroethane
Concen: 18.860 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



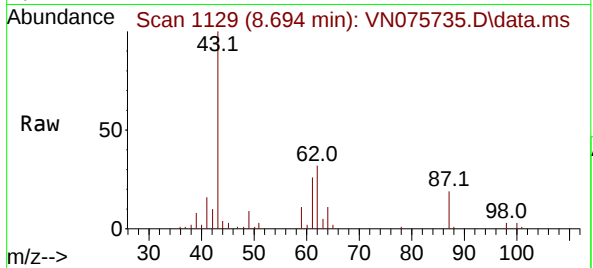
Tgt Ion: 62 Resp: 57742
Ion Ratio Lower Upper
62 100
98 10.0 0.0 21.8





#43
Isopropyl Acetate
Concen: 18.188 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

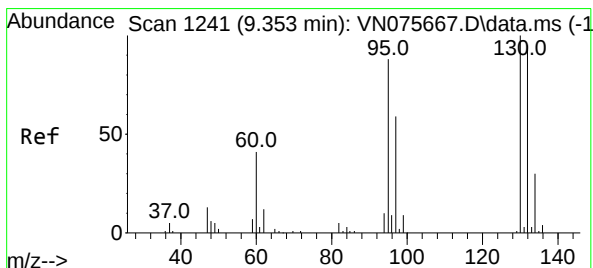
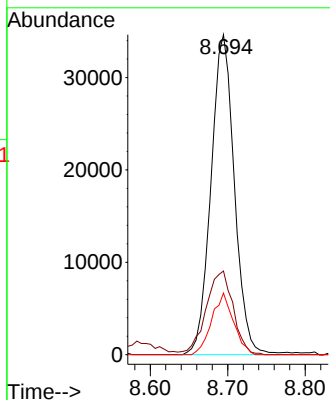
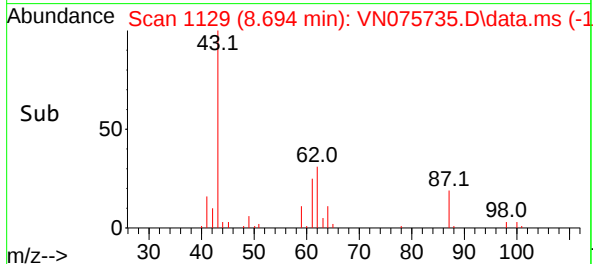
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



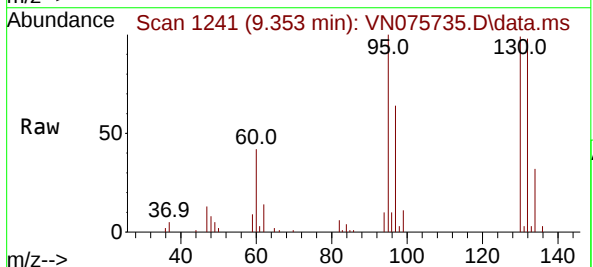
Tgt Ion: 43 Resp: 7270
Ion Ratio Lower Upper
43 100
61 30.2 23.8 35.8
87 17.9 13.7 20.5

Manual Integrations
APPROVED

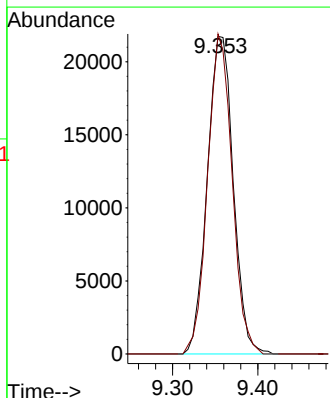
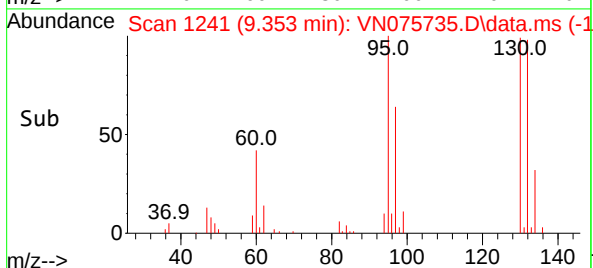
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

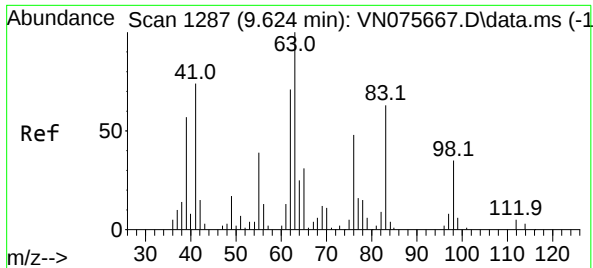


#44
Trichloroethene
Concen: 17.889 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



Tgt Ion:130 Resp: 46188
Ion Ratio Lower Upper
130 100
95 100.7 0.0 176.8





#45

1,2-Dichloropropane

Concen: 18.734 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 63 Resp: 40778

Ion Ratio Lower Upper

63 100

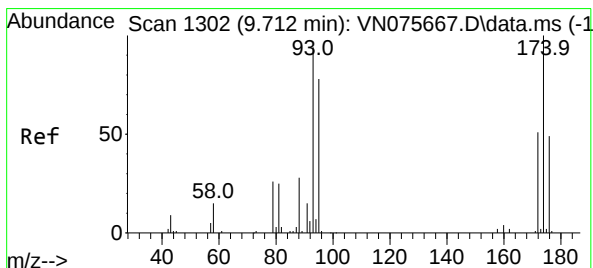
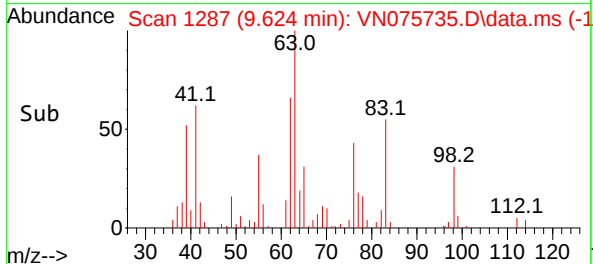
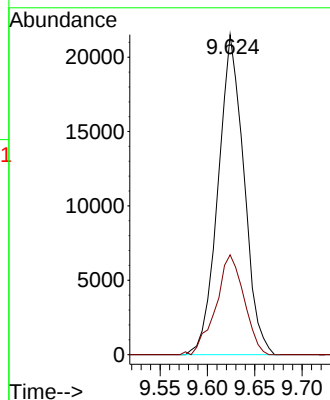
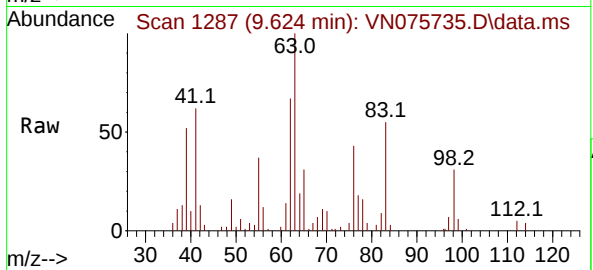
65 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 18.658 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

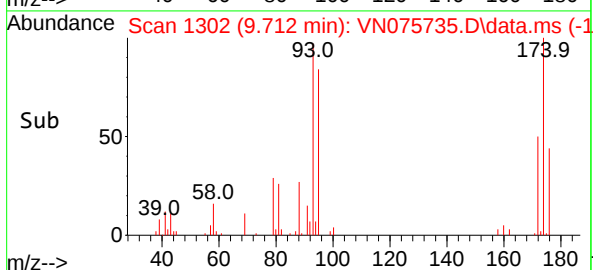
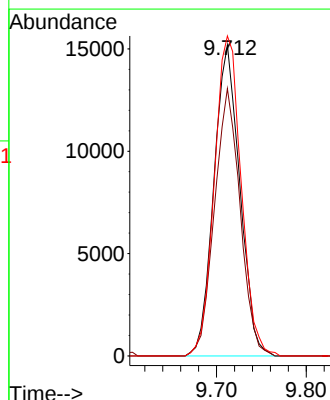
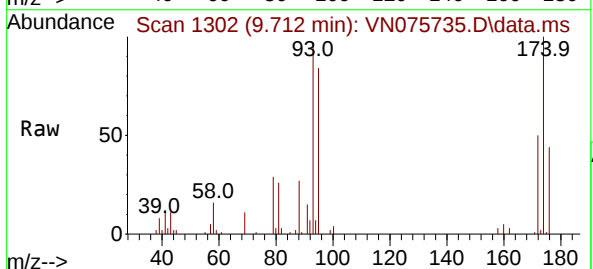
Tgt Ion: 93 Resp: 30491

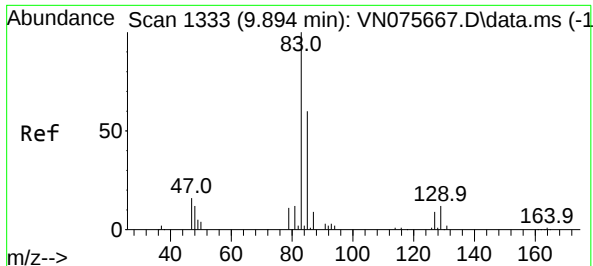
Ion Ratio Lower Upper

93 100

95 85.0 67.3 100.9

174 106.2 85.0 127.6





#47

Bromodichloromethane

Concen: 18.277 ug/l

RT: 9.889 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

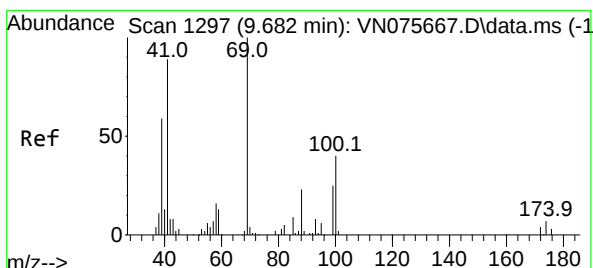
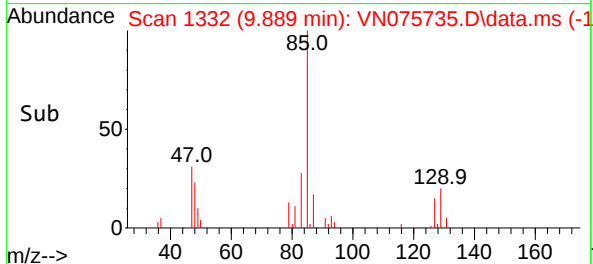
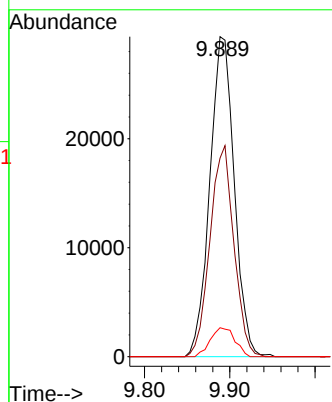
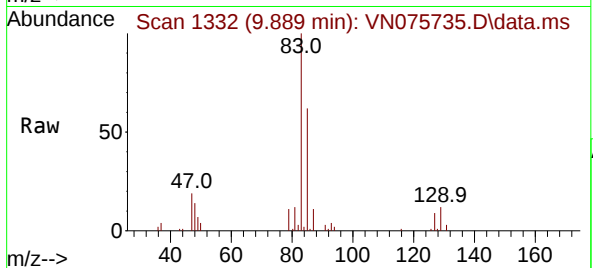
Tgt Ion: 83	Resp: 5856
Ion Ratio	Lower Upper
83 100	
85 62.1	48.0 72.0
127 9.1	7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#48

Methyl methacrylate

Concen: 18.107 ug/l

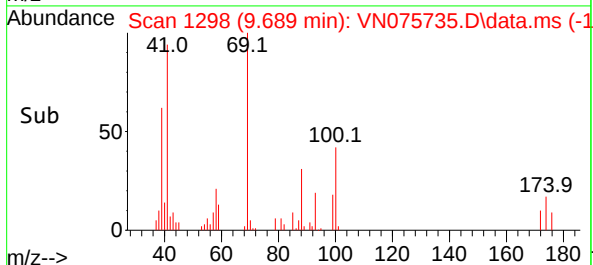
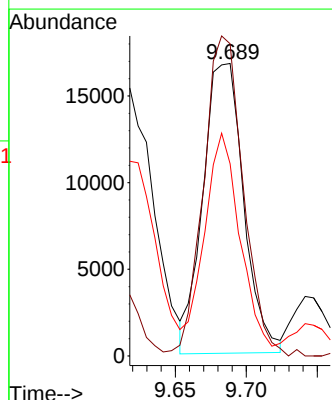
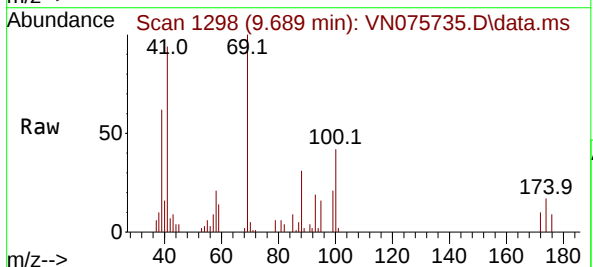
RT: 9.689 min Scan# 1298

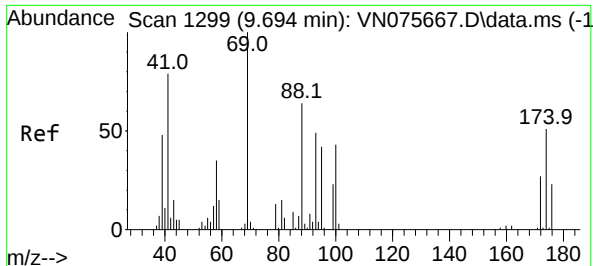
Delta R.T. 0.006 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Tgt Ion: 41	Resp: 33334
Ion Ratio	Lower Upper
41 100	
69 107.9	82.5 123.7
39 68.5	53.2 79.8





#49

1,4-Dioxane

Concen: 354.379 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 88 Resp: 1585

Ion Ratio Lower Upper

88 100

43 0.0 17.4 26.0

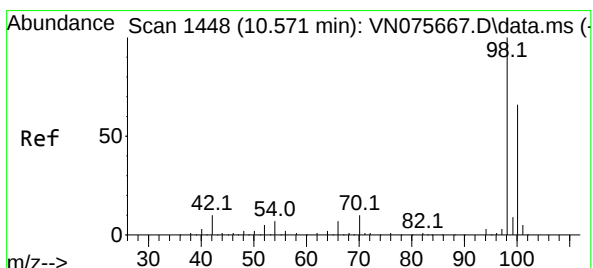
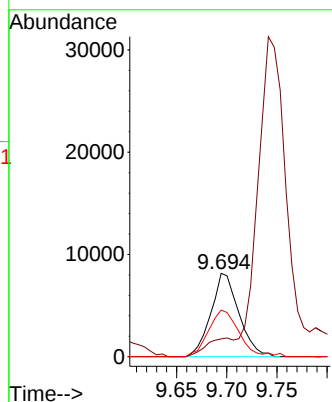
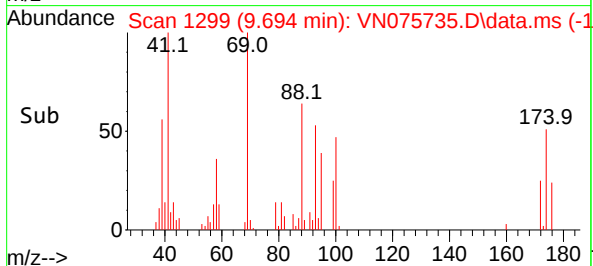
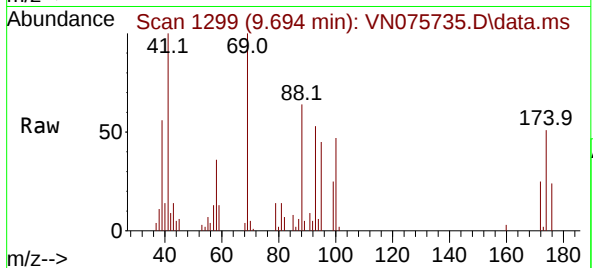
58 61.1 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 49.255 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075735.D

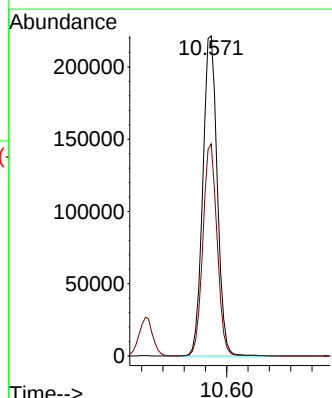
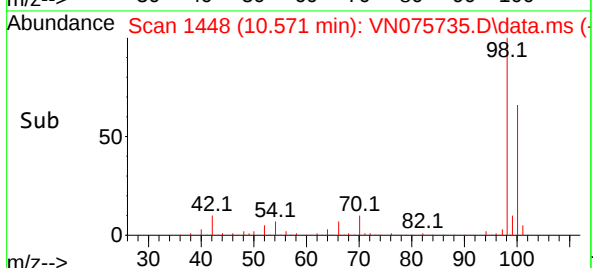
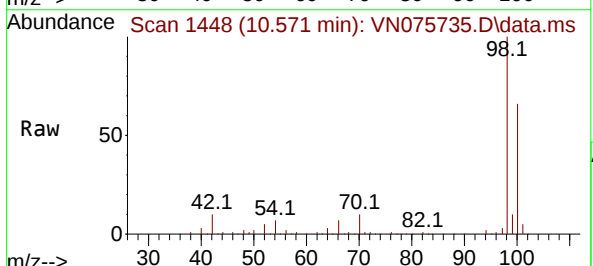
Acq: 13 Dec 2022 02:52

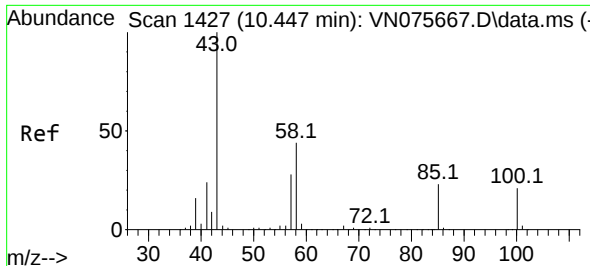
Tgt Ion: 98 Resp: 415431

Ion Ratio Lower Upper

98 100

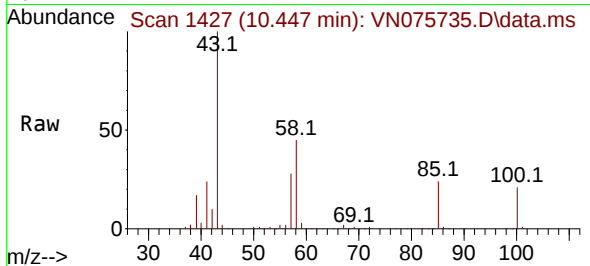
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 90.056 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

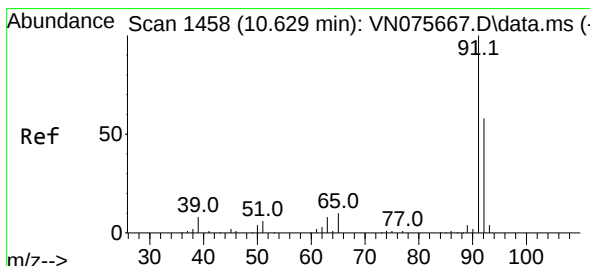
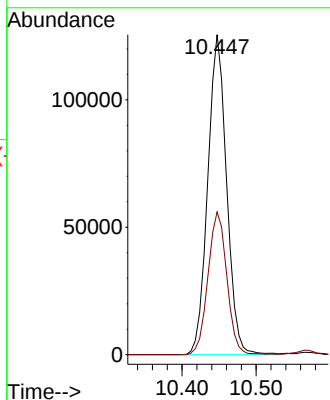
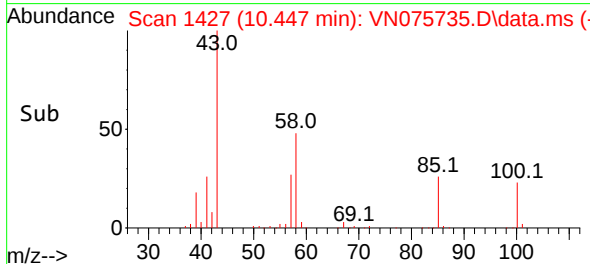
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion: 43 Resp: 22196
Ion Ratio Lower Upper
43 100
58 44.7 35.0 52.6

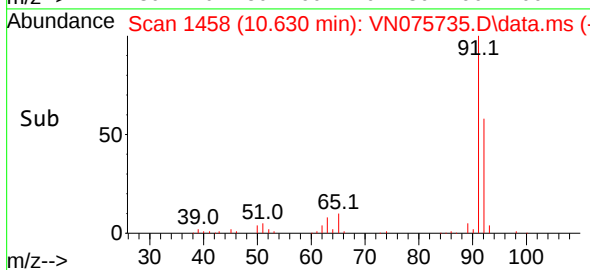
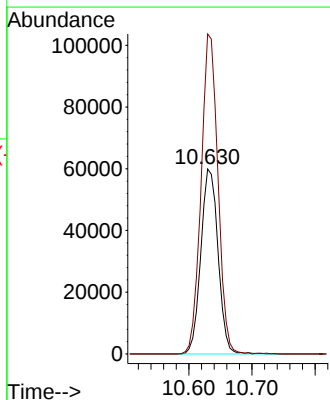
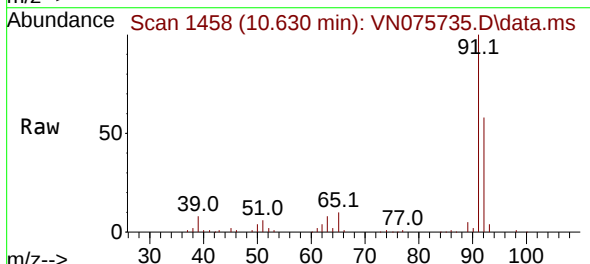
Manual Integrations
APPROVED

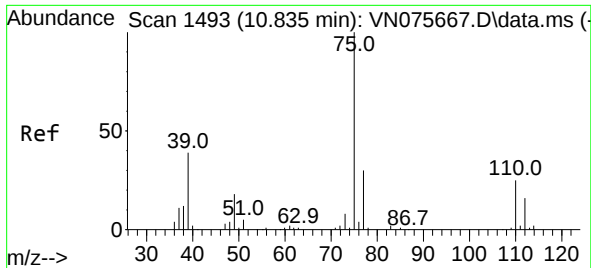
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 18.703 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion: 92 Resp: 113138
Ion Ratio Lower Upper
92 100
91 169.4 137.9 206.9





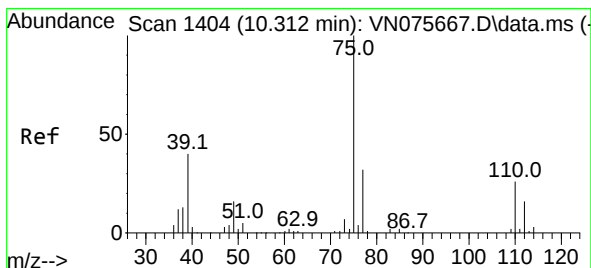
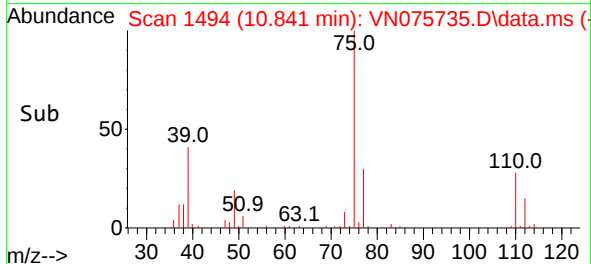
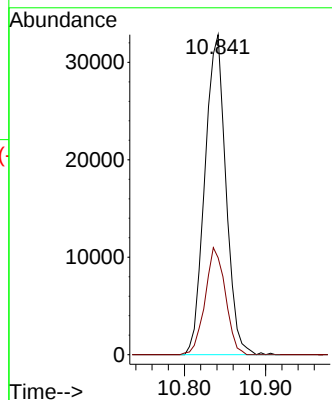
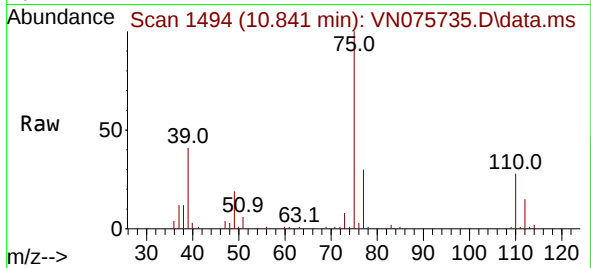
#53
t-1,3-Dichloropropene
Concen: 18.687 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02

Tgt Ion: 75 Resp: 59136
Ion Ratio Lower Upper
75 100
77 30.3 24.3 36.5

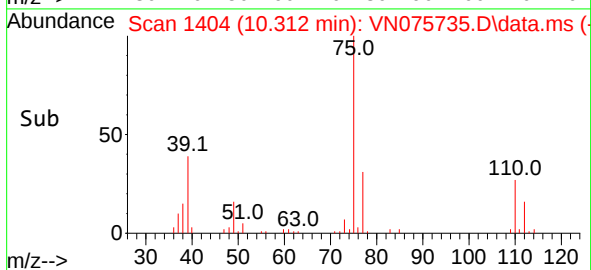
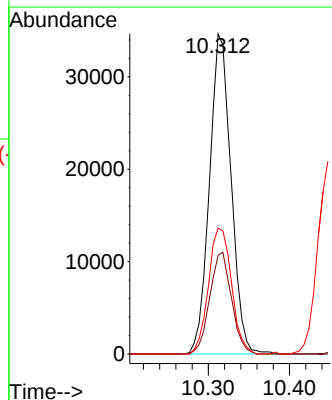
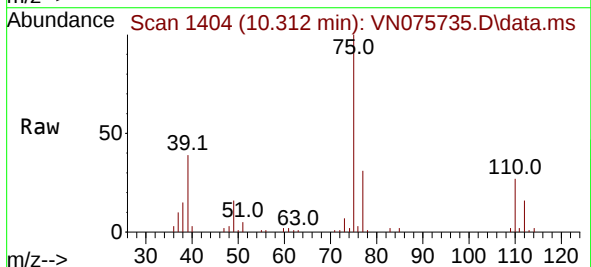
Manual Integrations
APPROVED

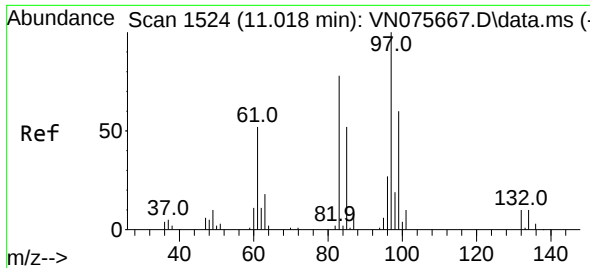
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
cis-1,3-Dichloropropene
Concen: 18.194 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

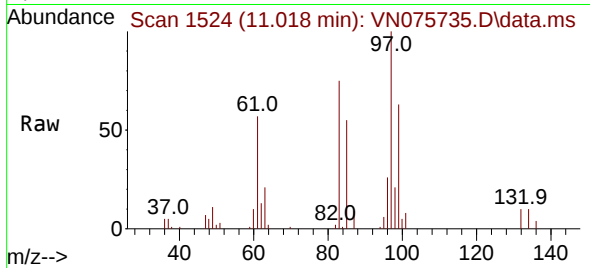
Tgt Ion: 75 Resp: 64056
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 39.3 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 18.559 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

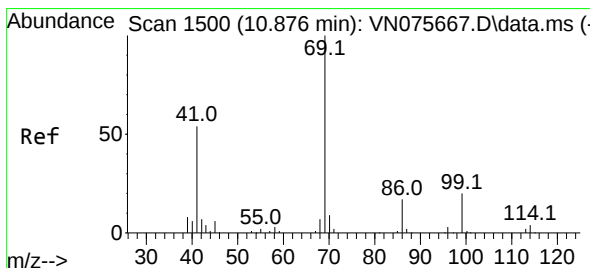
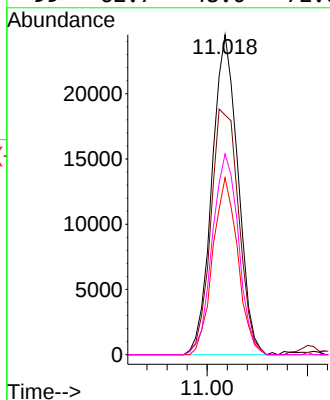
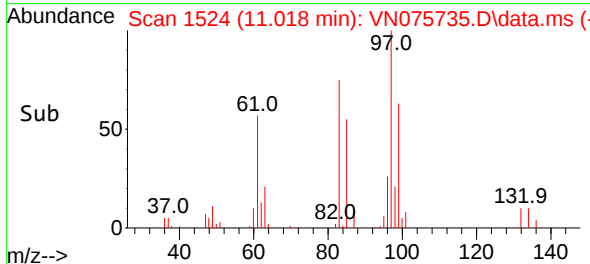
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion:	97	Resp:	4414
Ion Ratio	100	Lower	Upper
97	100		
83	74.9	62.7	94.1
85	55.3	41.8	62.6
99	62.7	48.0	72.0

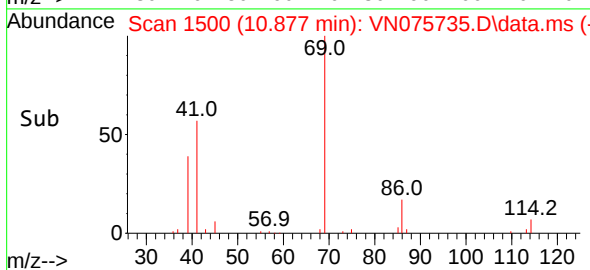
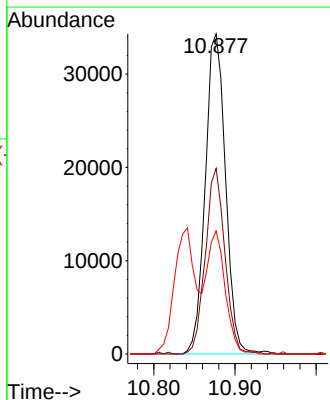
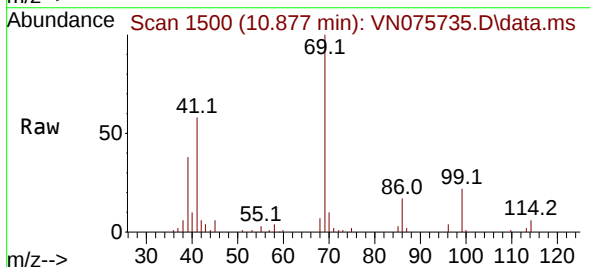
Manual Integrations
APPROVED

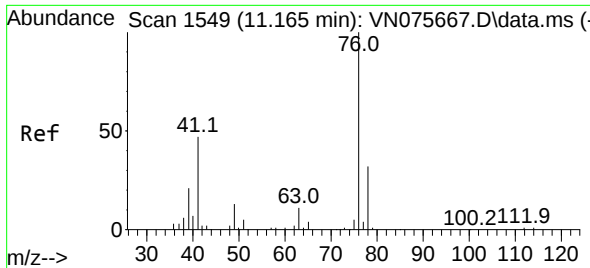
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Ethyl methacrylate
Concen: 18.472 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

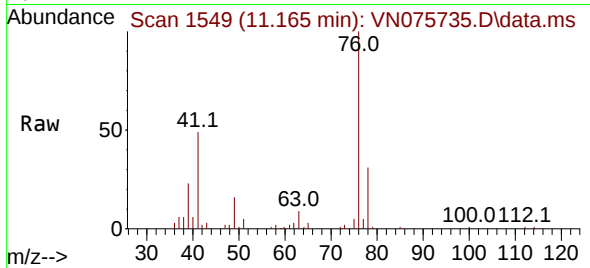
Tgt Ion:	69	Resp:	59533
Ion Ratio	100	Lower	Upper
69	100		
41	56.0	44.1	66.1
39	34.0	27.7	41.5





#57
1,3-Dichloropropane
Concen: 18.689 ug/l
RT: 11.165 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

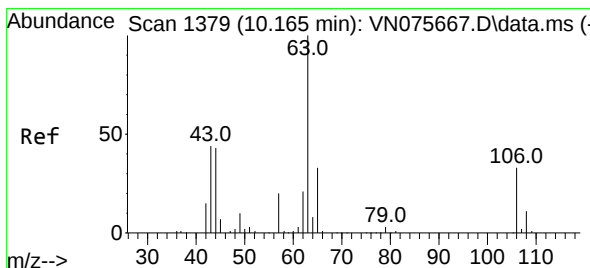
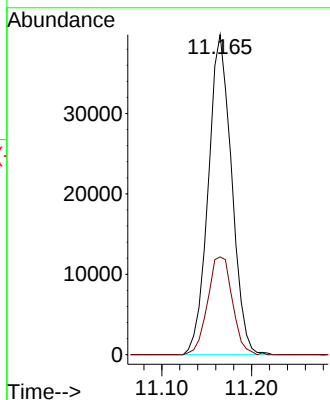
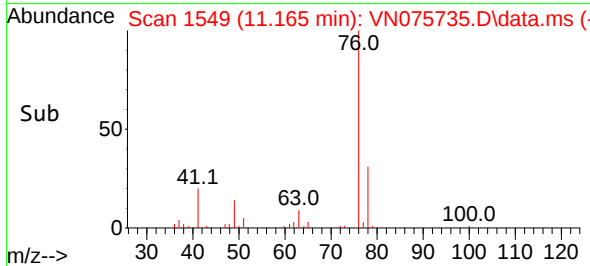
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion: 76 Resp: 7184
Ion Ratio Lower Upper
76 100
78 32.4 26.8 40.2

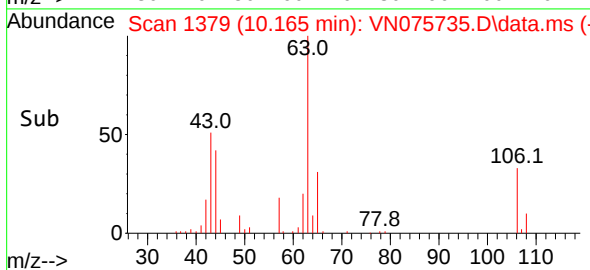
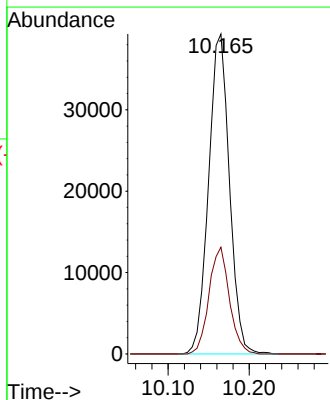
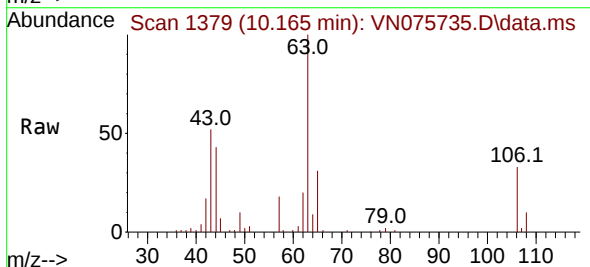
Manual Integrations
APPROVED

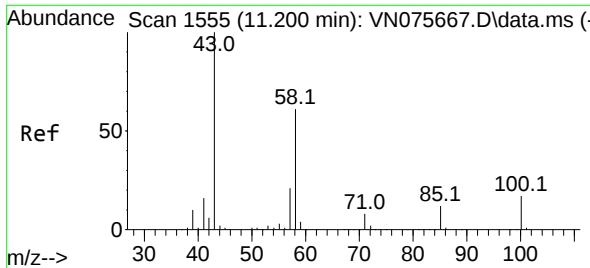
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 73.687 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

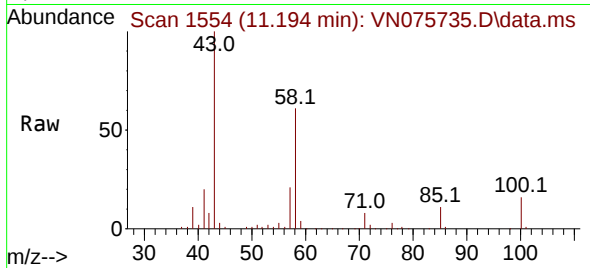
Tgt Ion: 63 Resp: 70118
Ion Ratio Lower Upper
63 100
106 32.7 26.6 40.0





#59
2-Hexanone
Concen: 91.511 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

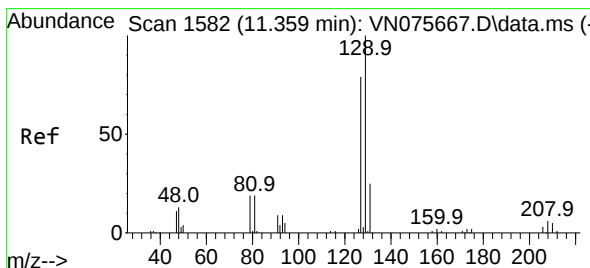
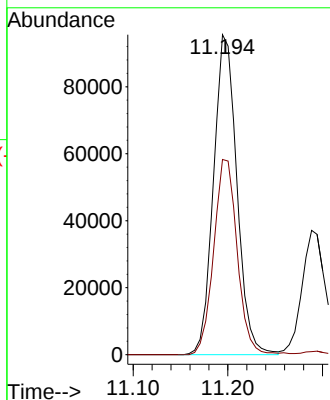
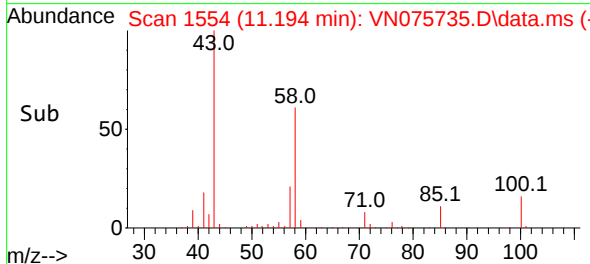
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion: 43 Resp: 163869
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

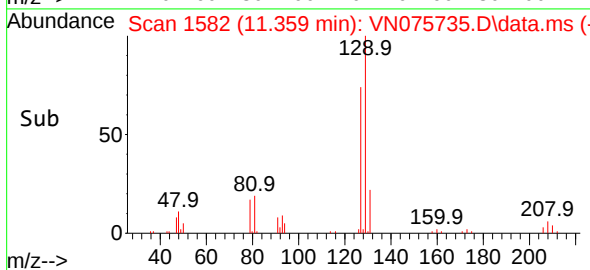
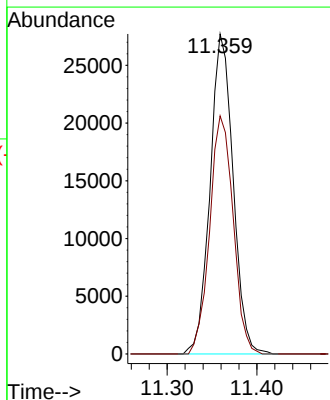
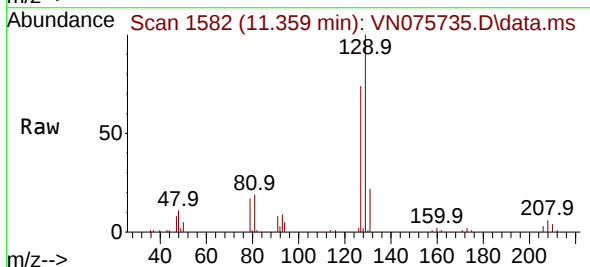
Manual Integrations
APPROVED

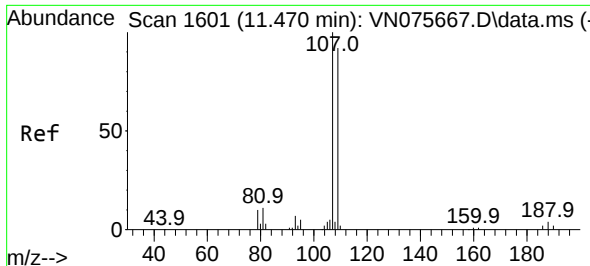
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 18.864 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

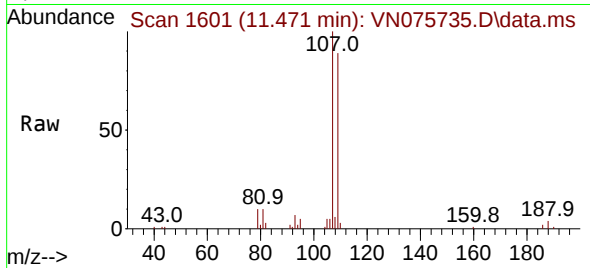
Tgt Ion:129 Resp: 49372
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.376 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

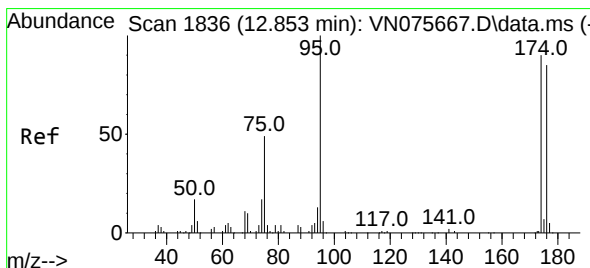
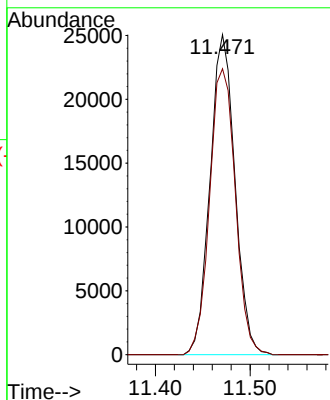
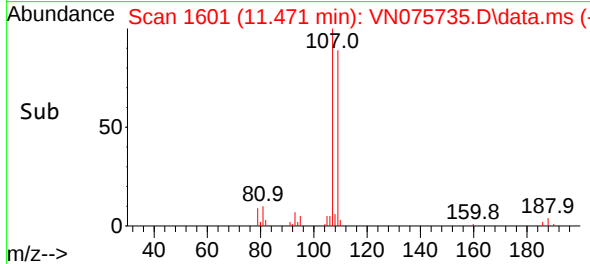
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



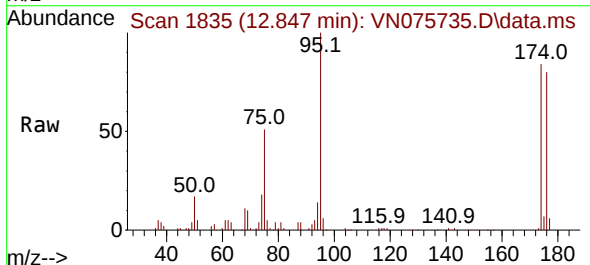
Tgt Ion:107 Resp: 4579
Ion Ratio Lower Upper
107 100
109 92.4 75.4 113.2

Manual Integrations
APPROVED

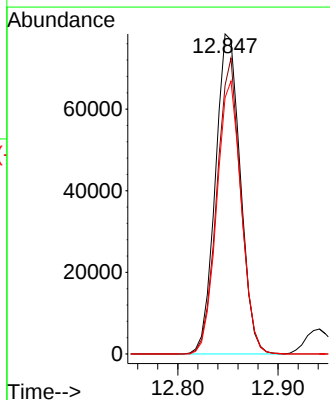
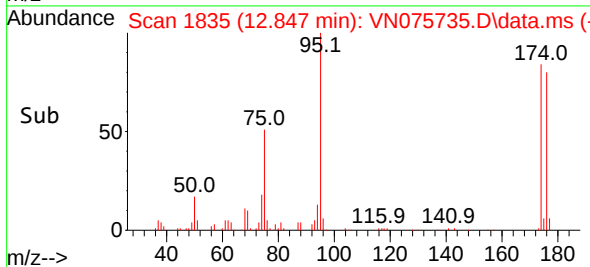
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

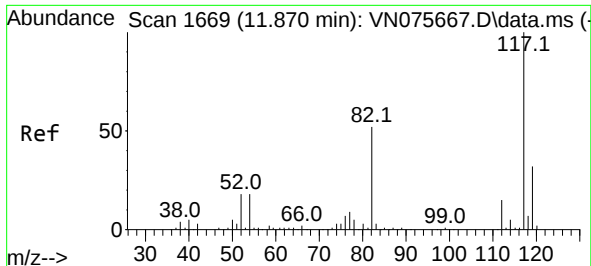


#62
4-Bromofluorobenzene
Concen: 46.909 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



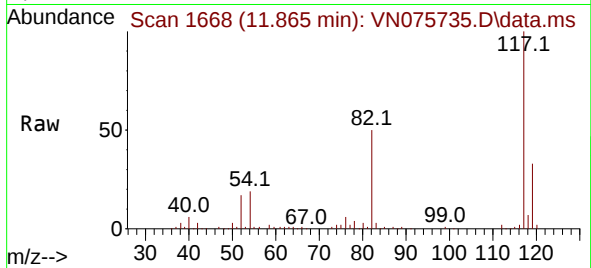
Tgt Ion: 95 Resp: 135273
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.6
176 83.8 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

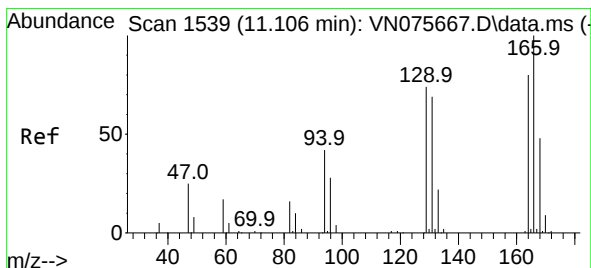
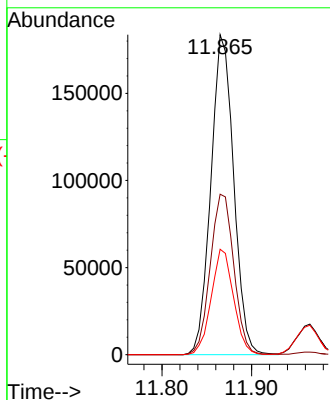
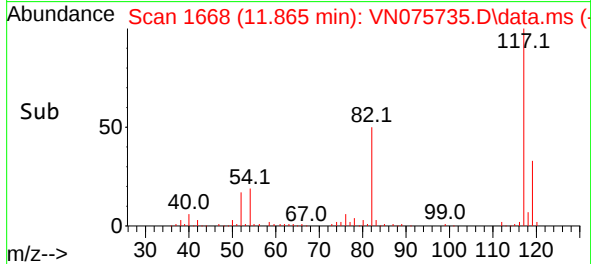
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



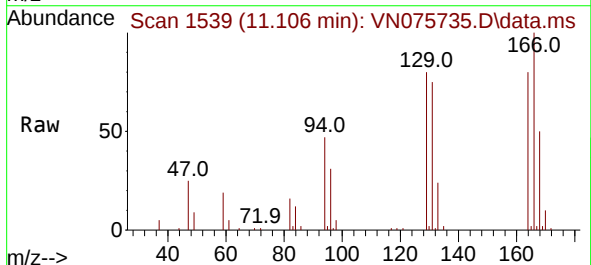
Tgt Ion:117 Resp: 324708
Ion Ratio Lower Upper
117 100
82 50.1 41.8 62.8
119 33.0 25.8 38.6

Manual Integrations
APPROVED

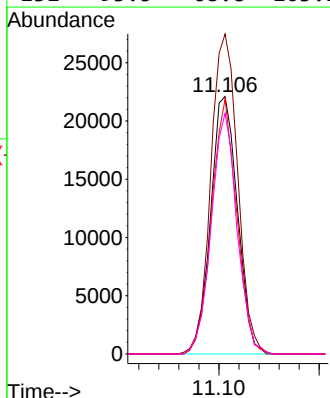
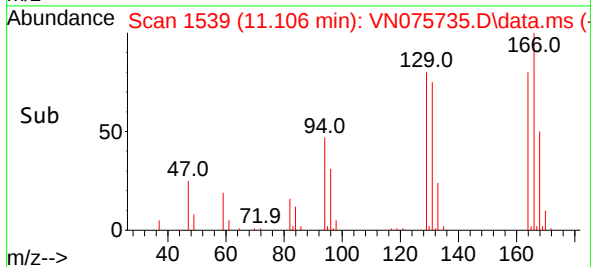
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

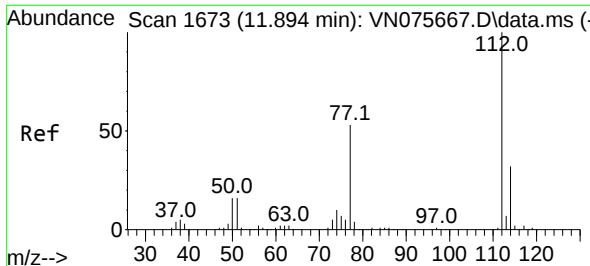


#64
Tetrachloroethene
Concen: 17.365 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



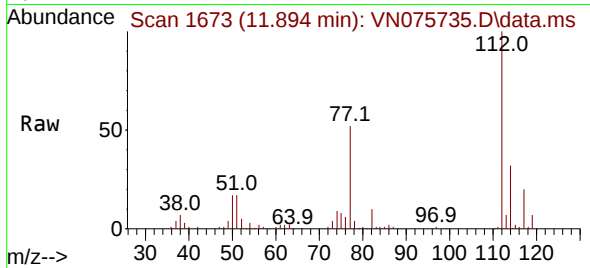
Tgt Ion:164 Resp: 41071
Ion Ratio Lower Upper
164 100
166 124.3 100.3 150.5
129 99.0 73.9 110.9
131 93.5 68.8 103.2





#65
Chlorobenzene
Concen: 18.163 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

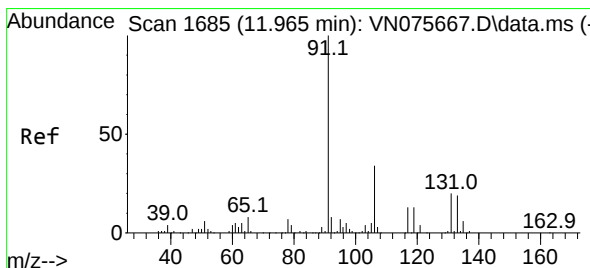
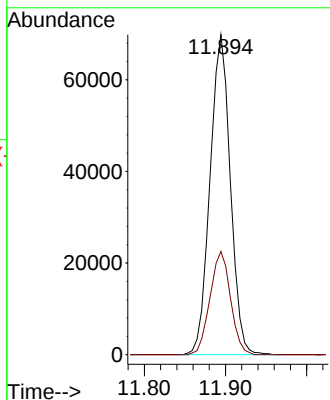
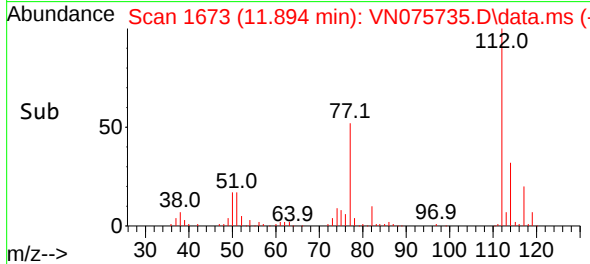
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



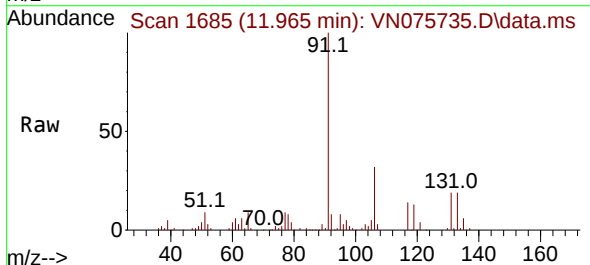
Tgt Ion:112 Resp: 12134
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

Manual Integrations
APPROVED

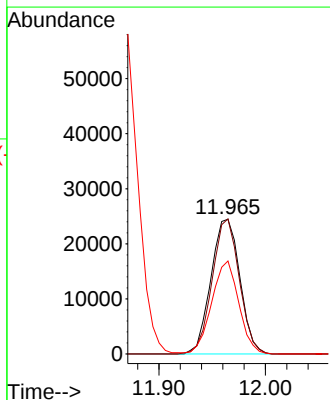
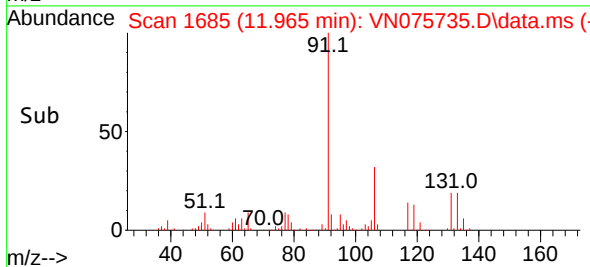
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

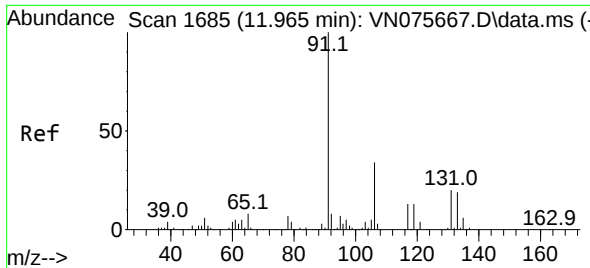


#66
1,1,1,2-Tetrachloroethane
Concen: 18.971 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



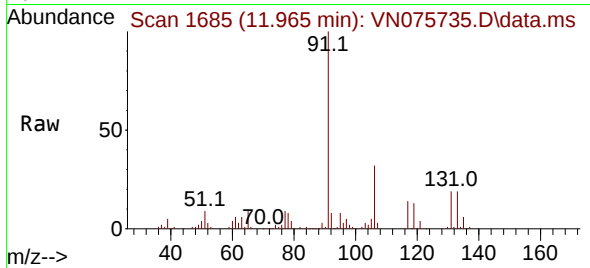
Tgt Ion:131 Resp: 46114
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 64.6 32.5 97.4





#67
Ethyl Benzene
Concen: 18.816 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

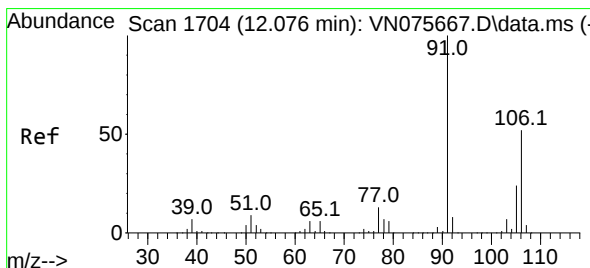
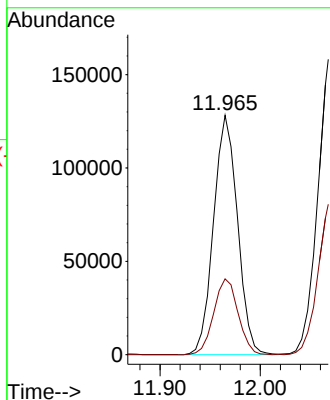
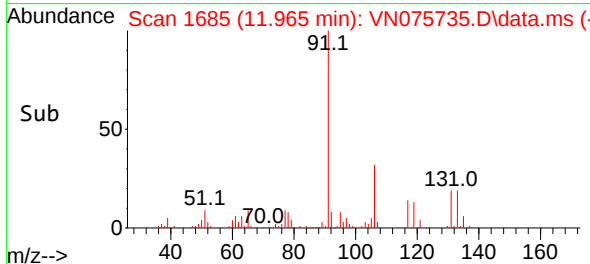
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



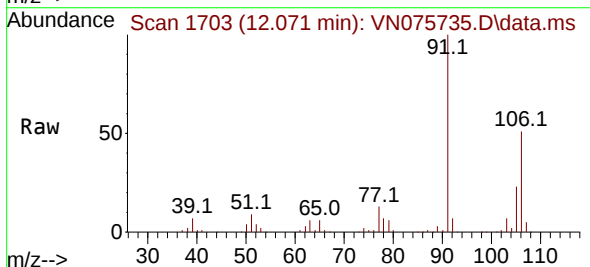
Tgt Ion: 91 Resp: 212660
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3

Manual Integrations
APPROVED

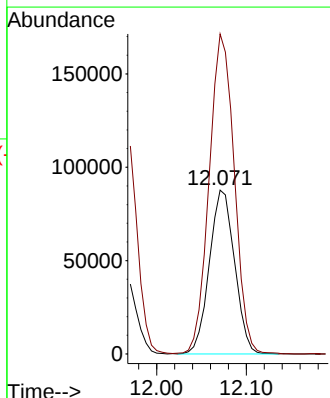
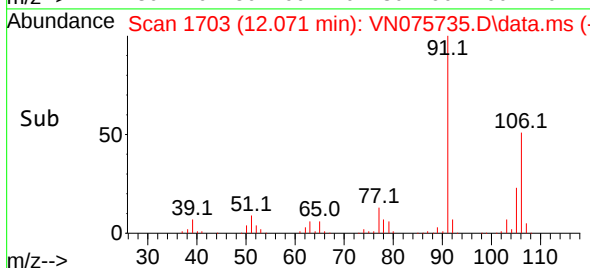
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

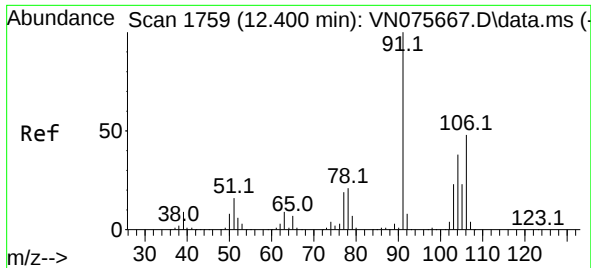


#68
m/p-Xylenes
Concen: 37.476 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



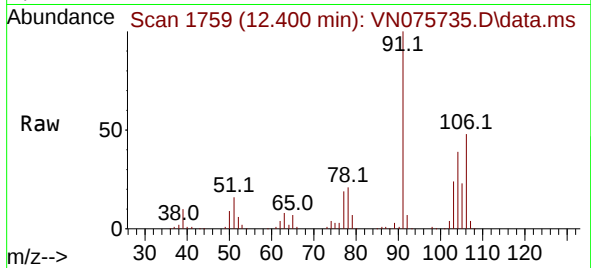
Tgt Ion:106 Resp: 171145
Ion Ratio Lower Upper
106 100
91 195.2 156.2 234.4





#69
o-Xylene
Concen: 19.040 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

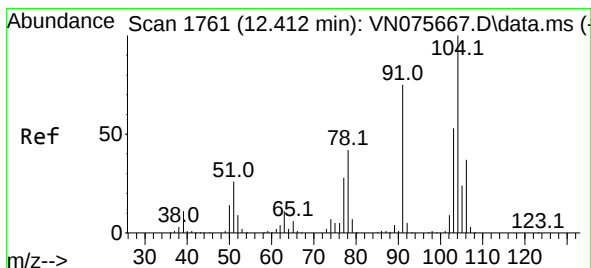
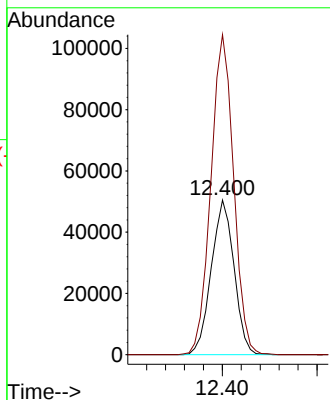
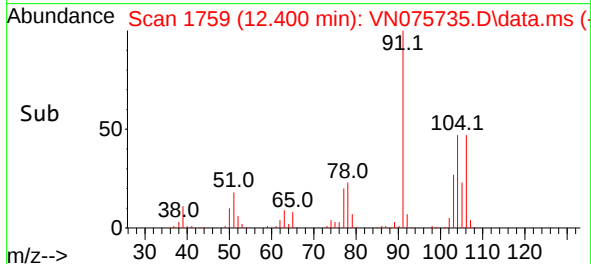
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



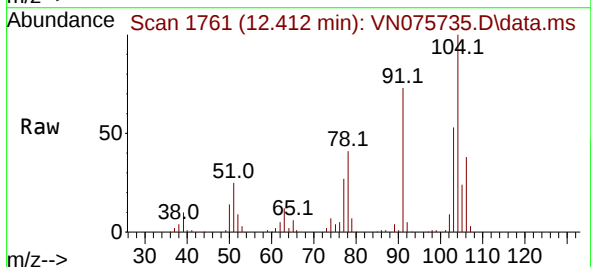
Tgt Ion:106 Resp: 84378
Ion Ratio Lower Upper
106 100
91 206.4 102.8 308.5

Manual Integrations
APPROVED

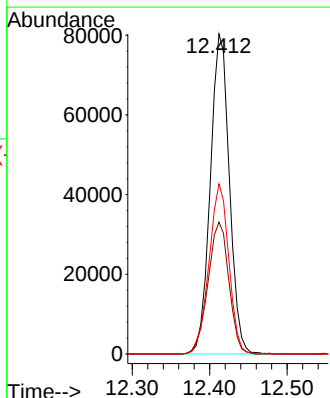
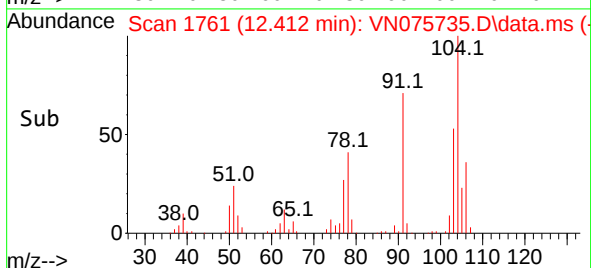
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

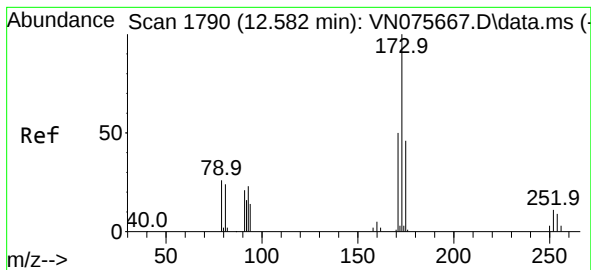


#70
Styrene
Concen: 19.313 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



Tgt Ion:104 Resp: 137268
Ion Ratio Lower Upper
104 100
78 45.0 36.7 55.1
103 55.1 44.0 66.0





#71

Bromoform

Concen: 18.589 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

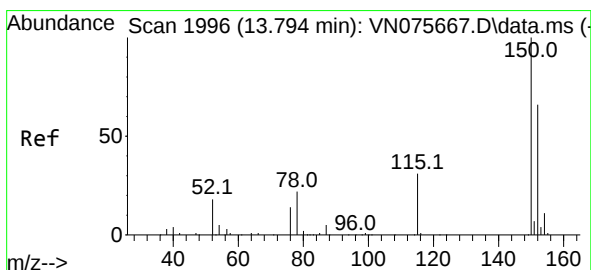
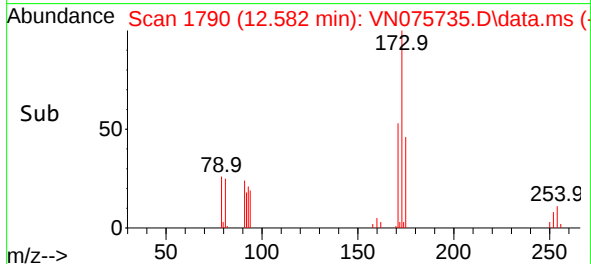
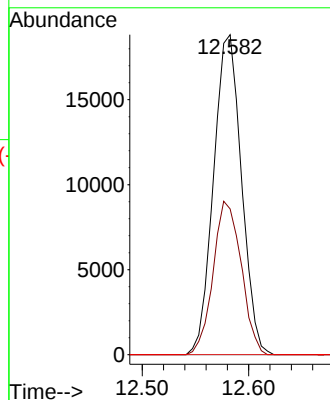
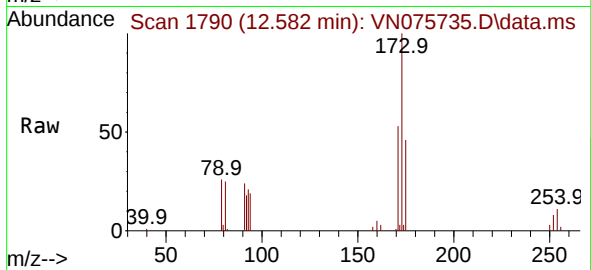
Tgt Ion:173	Resp:	34249
Ion Ratio	Lower	Upper
173	100	
175	48.2	23.8 71.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

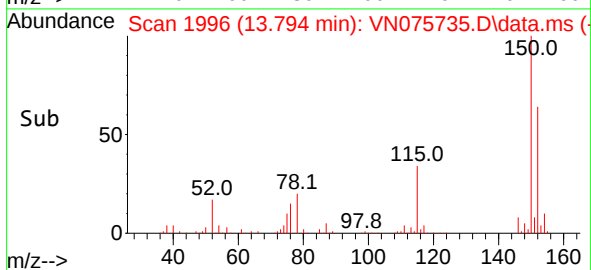
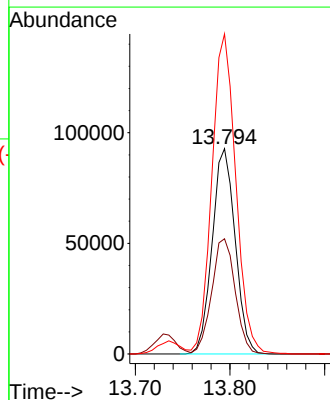
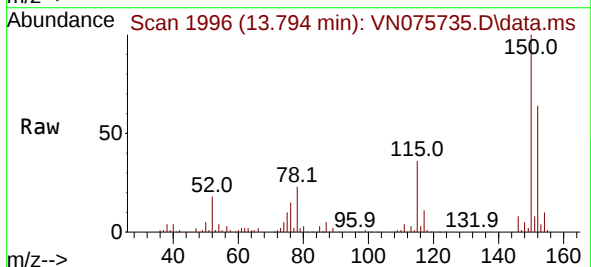
RT: 13.794 min Scan# 1996

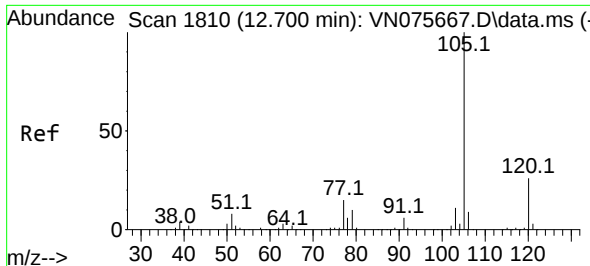
Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

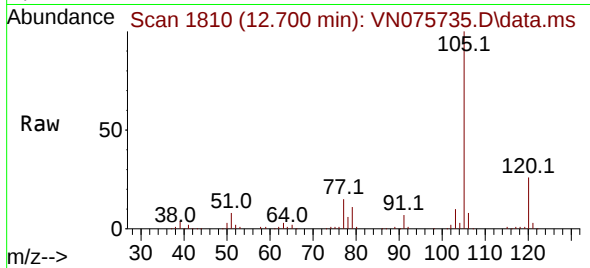
Tgt Ion:152	Resp:	156094
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.4 85.2
150	162.1	0.0 347.6





#73
Isopropylbenzene
Concen: 19.436 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

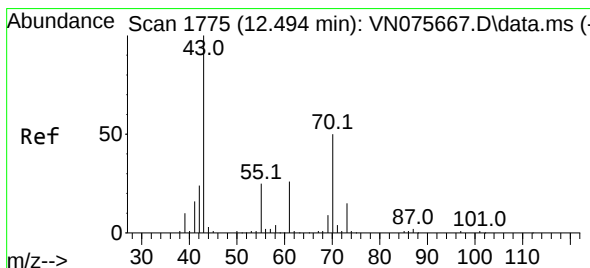
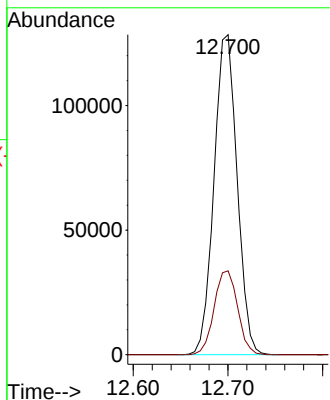
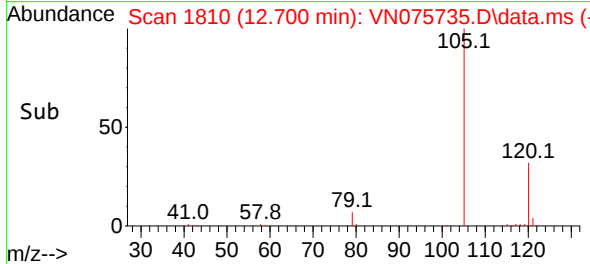
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



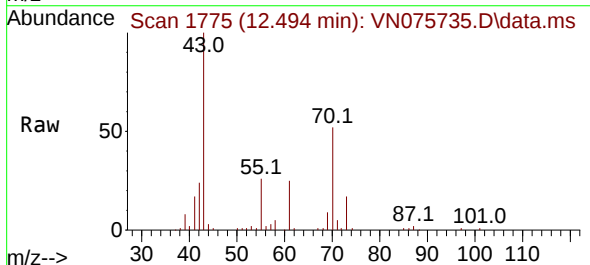
Tgt Ion:105 Resp: 217836
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Manual Integrations
APPROVED

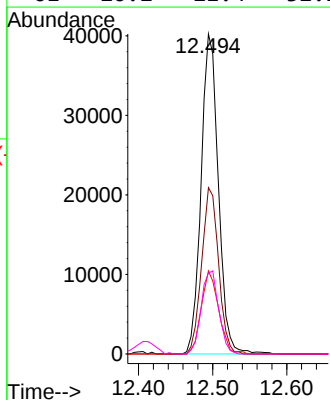
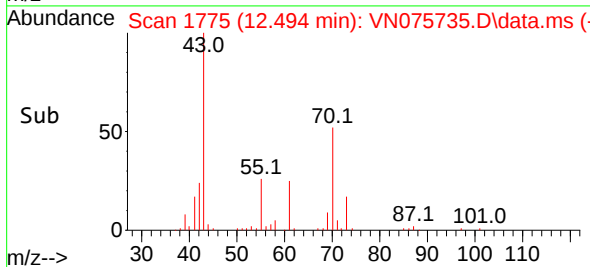
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

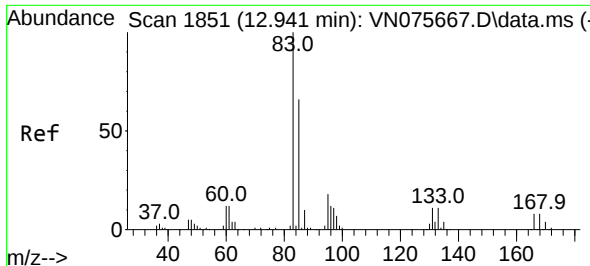


#74
N-ethyl acetate
Concen: 19.983 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



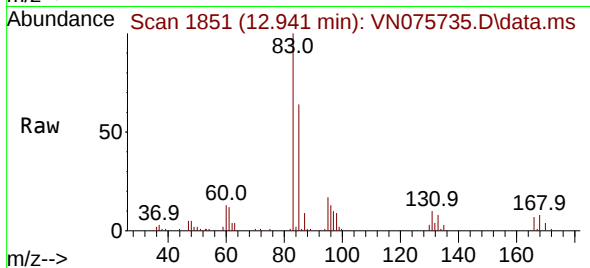
Tgt Ion: 43 Resp: 65074
Ion Ratio Lower Upper
43 100
70 50.9 41.0 61.6
55 26.1 20.7 31.1
61 26.2 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.710 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

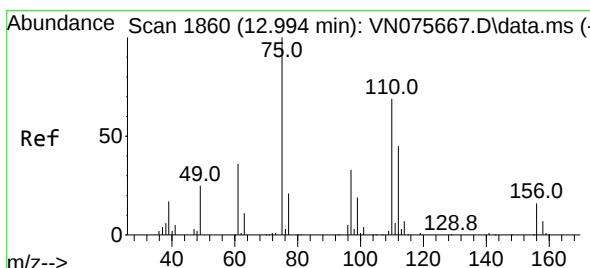
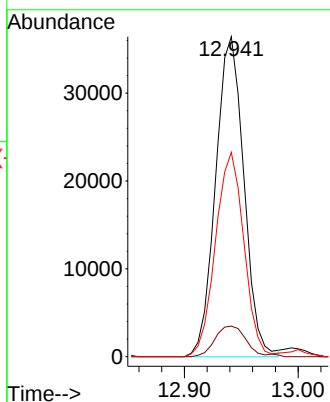
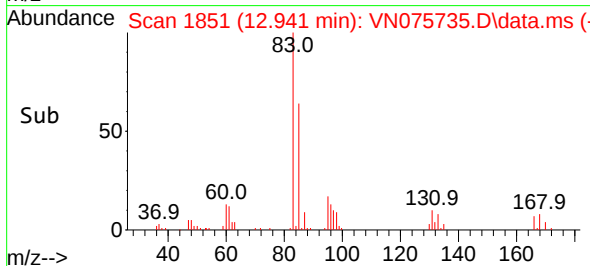
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



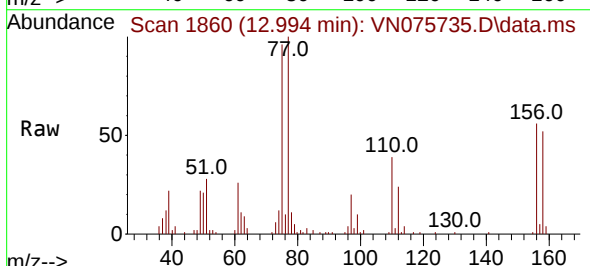
Tgt Ion: 83 Resp: 6299
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 64.0 32.6 97.7

Manual Integrations
APPROVED

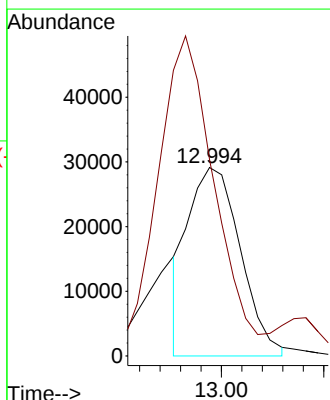
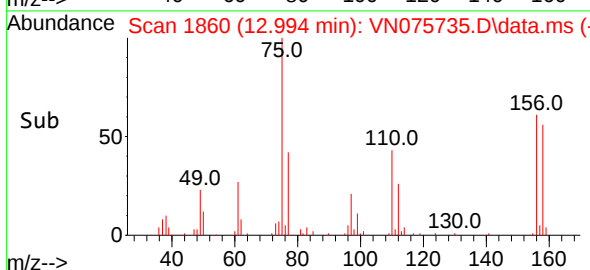
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

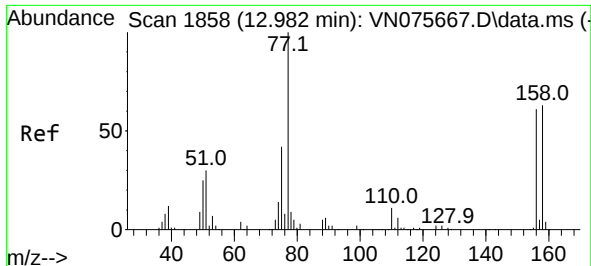


#76
1,2,3-Trichloropropane
Concen: 16.513 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



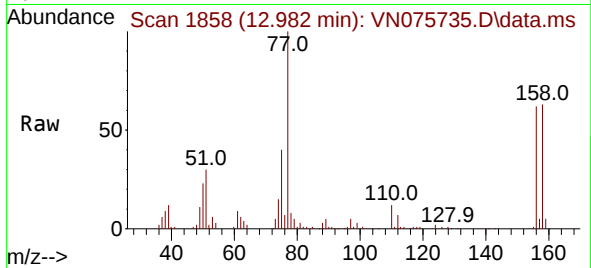
Tgt Ion: 75 Resp: 51763
Ion Ratio Lower Upper
75 100
77 184.4 81.8 245.4





#77
Bromobenzene
Concen: 18.805 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

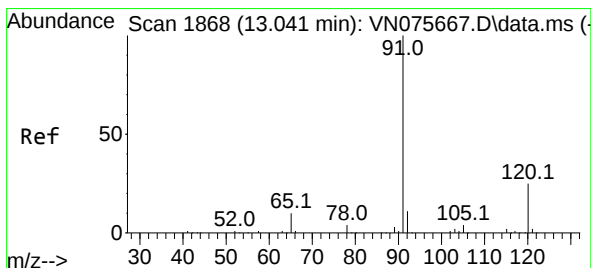
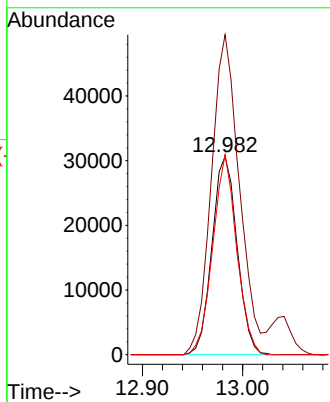
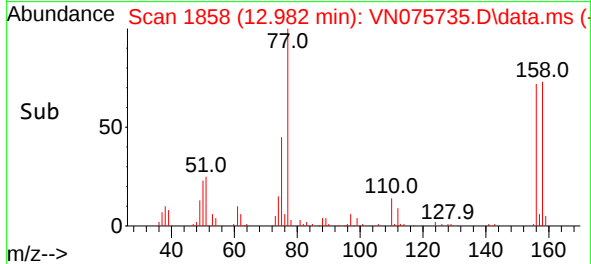
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



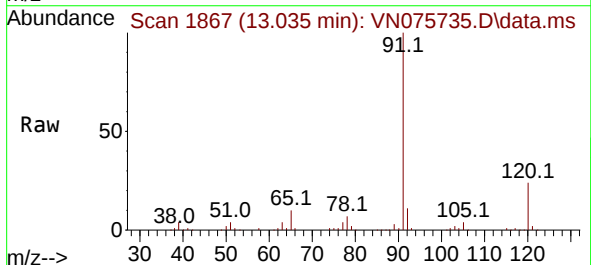
Tgt Ion:156 Resp: 53000
Ion Ratio Lower Upper
156 100
77 180.1 90.8 272.5
158 96.5 49.3 147.8

Manual Integrations
APPROVED

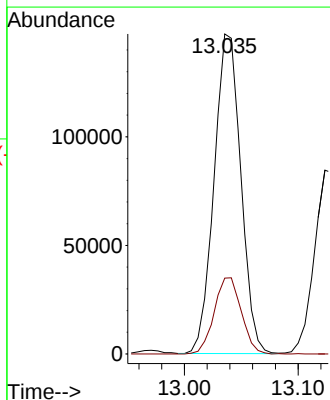
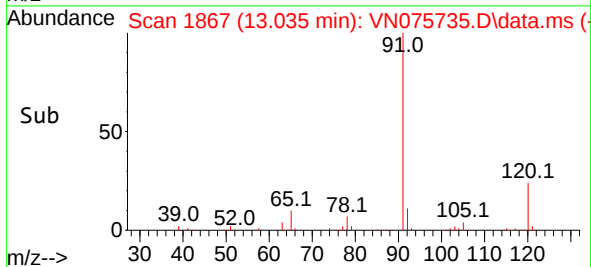
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

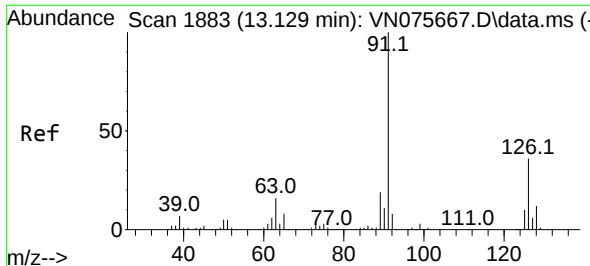


#78
n-propylbenzene
Concen: 19.393 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



Tgt Ion: 91 Resp: 241189
Ion Ratio Lower Upper
91 100
120 24.1 12.1 36.3





#79

2-Chlorotoluene

Concen: 19.362 ug/l

RT: 13.124 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 91 Resp: 14866

Ion Ratio Lower Upper

91 100

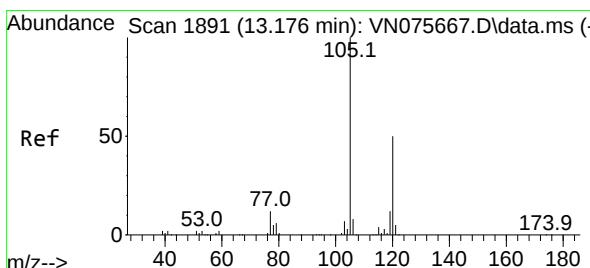
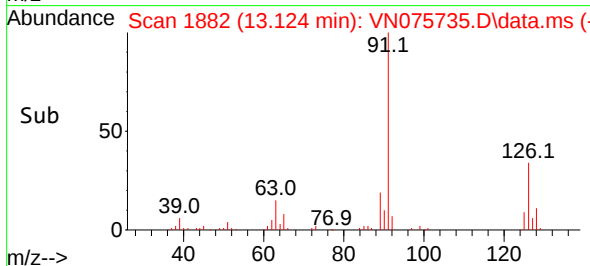
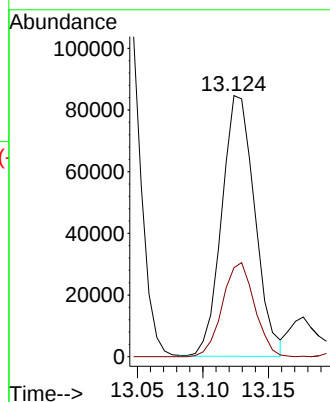
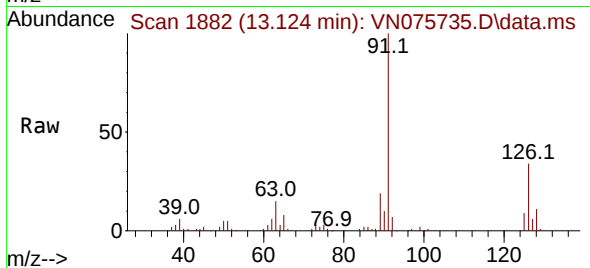
126 34.9 17.8 53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.819 ug/l

RT: 13.177 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075735.D

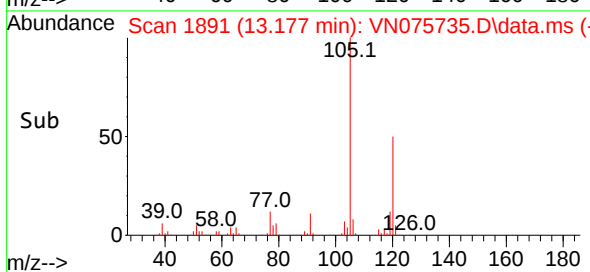
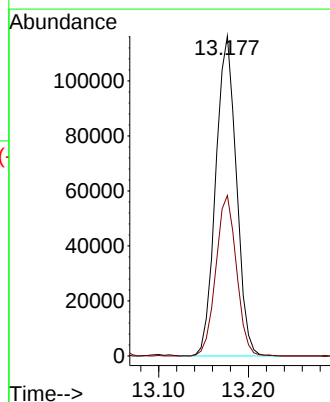
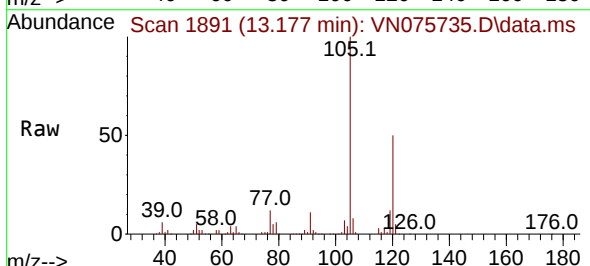
Acq: 13 Dec 2022 02:52

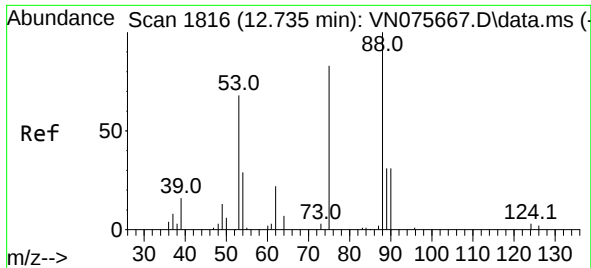
Tgt Ion:105 Resp: 185714

Ion Ratio Lower Upper

105 100

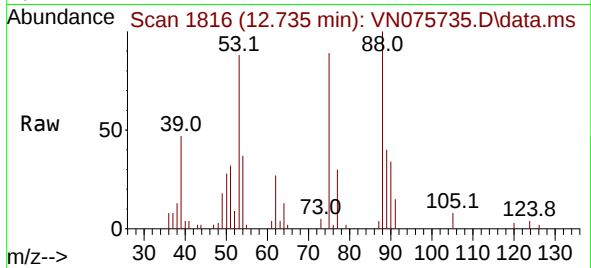
120 50.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.236 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

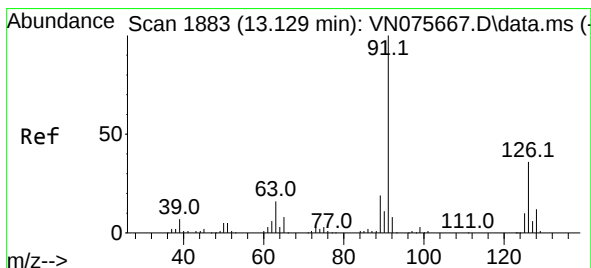
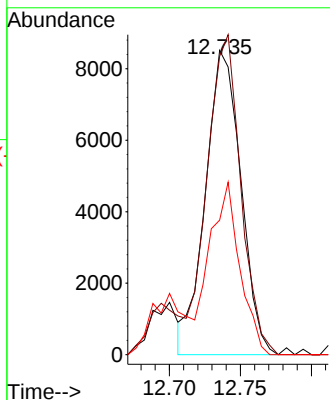
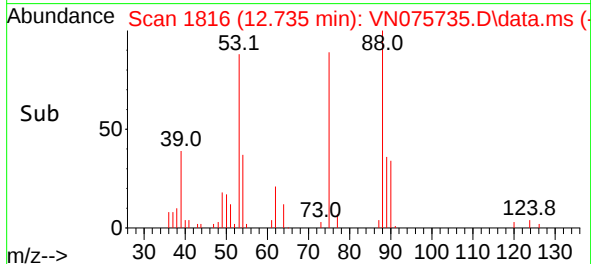
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



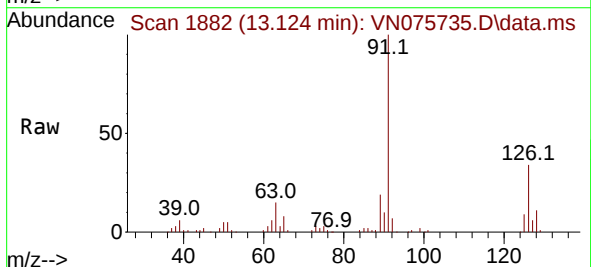
Tgt Ion: 75 Resp: 14794
Ion Ratio Lower Upper
75 100
53 99.0 72.4 108.6
89 47.7 36.6 55.0

Manual Integrations
APPROVED

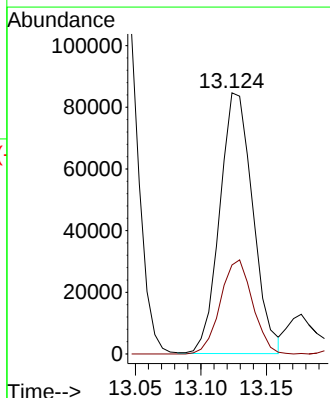
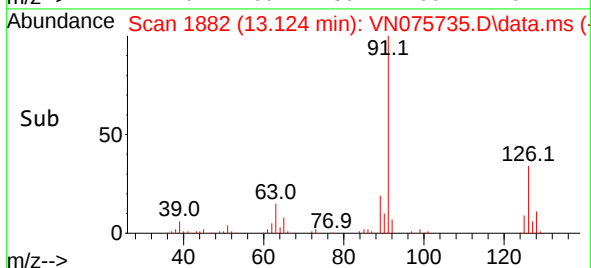
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

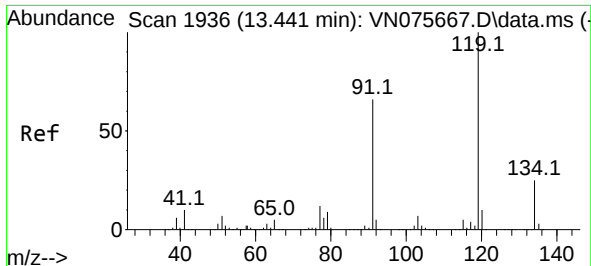


#82
4-Chlorotoluene
Concen: 19.362 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



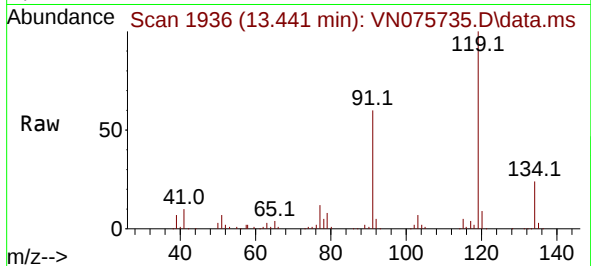
Tgt Ion: 91 Resp: 148667
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4





#83
tert-Butylbenzene
Concen: 19.159 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

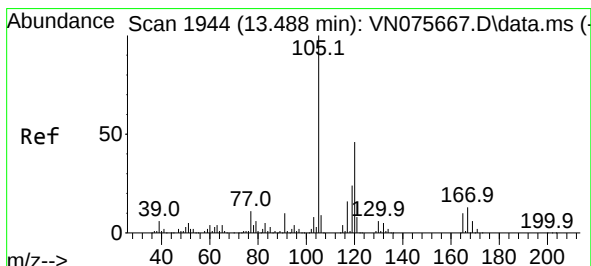
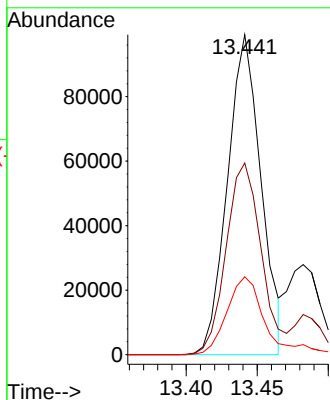
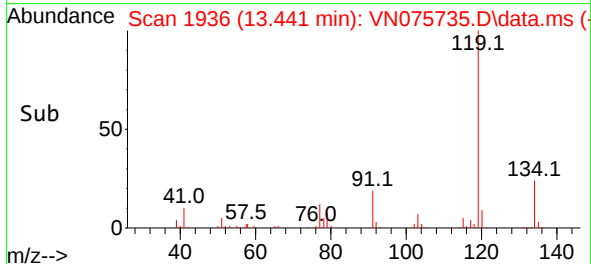
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



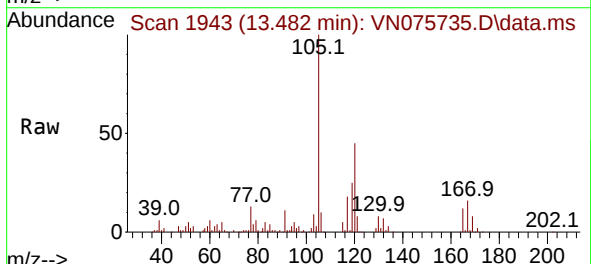
Tgt Ion:119 Resp: 162804
Ion Ratio Lower Upper
119 100
91 63.1 31.9 95.9
134 27.7 13.9 41.7

Manual Integrations
APPROVED

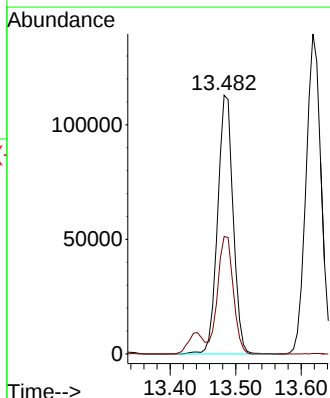
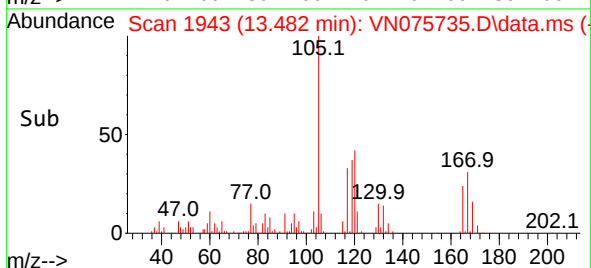
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

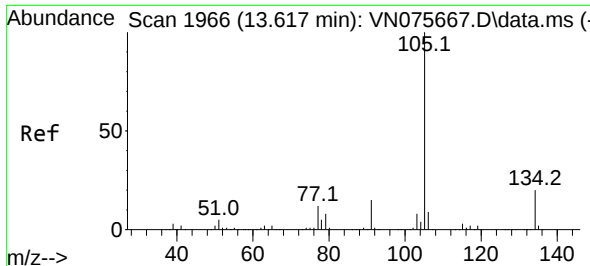


#84
1,2,4-Trimethylbenzene
Concen: 19.586 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52



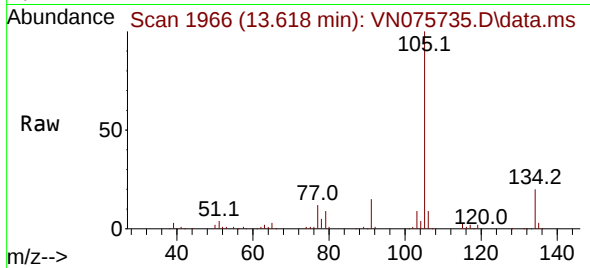
Tgt Ion:105 Resp: 184455
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 19.039 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075735.D
 Acq: 13 Dec 2022 02:52

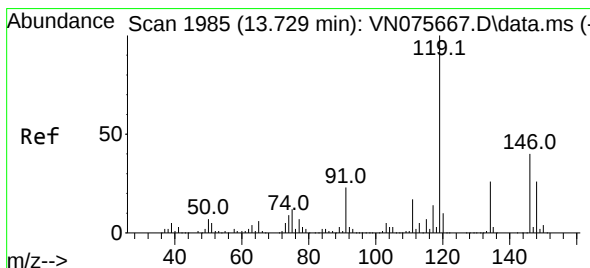
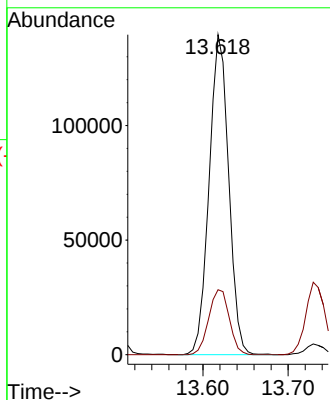
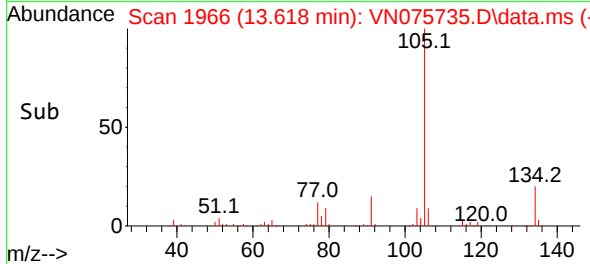
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS02



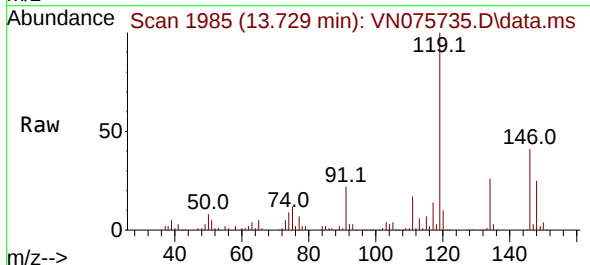
Tgt Ion:105 Resp: 222415
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.6

Manual Integrations
 APPROVED

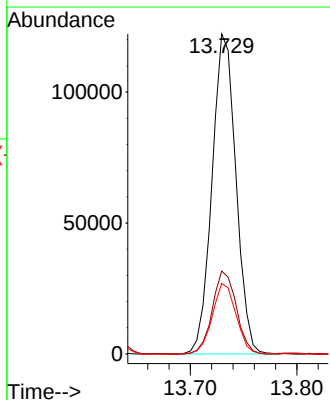
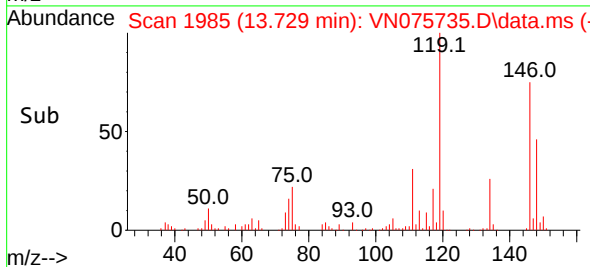
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

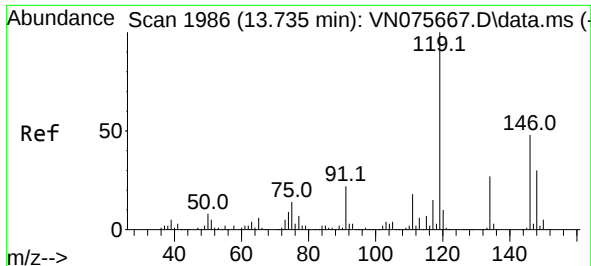


#86
 p-Isopropyltoluene
 Concen: 19.475 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075735.D
 Acq: 13 Dec 2022 02:52



Tgt Ion:119 Resp: 190361
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 21.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.375 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion:146 Resp: 9685

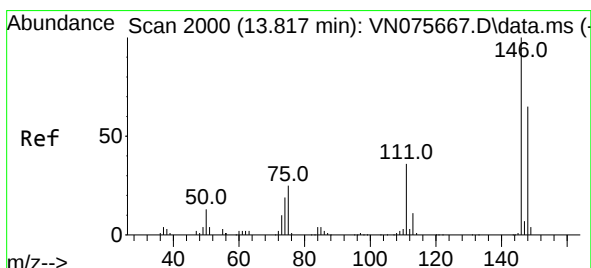
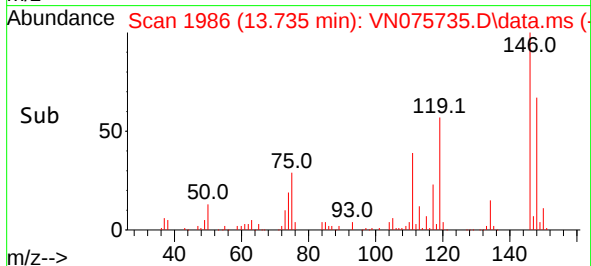
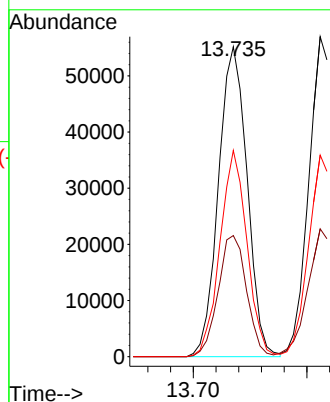
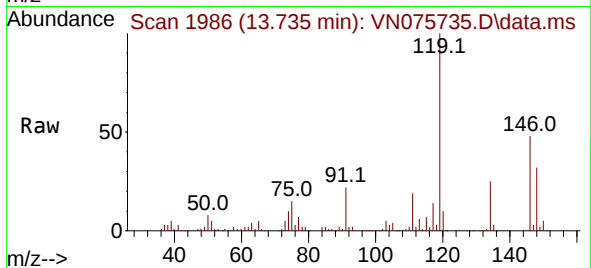
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.3
148	62.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#88

1,4-Dichlorobenzene

Concen: 17.691 ug/l

RT: 13.812 min Scan# 1999

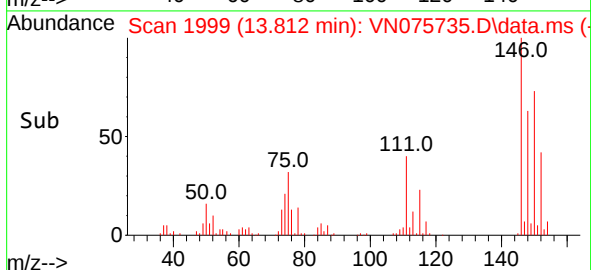
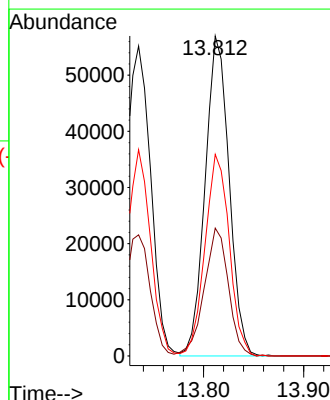
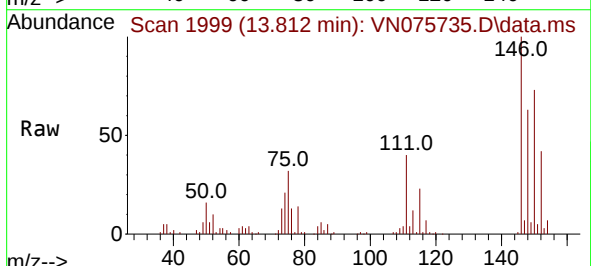
Delta R.T. -0.006 min

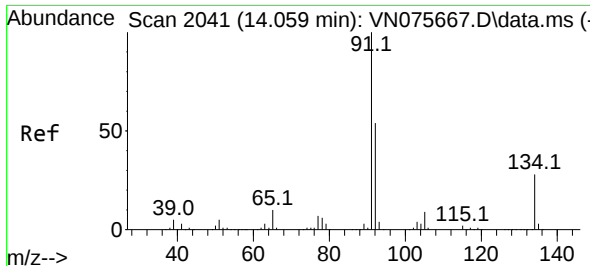
Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Tgt Ion:146 Resp: 94852

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.1
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 18.543 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion: 91 Resp: 145269

Ion Ratio Lower Upper

91 100

92 51.7 26.7 80.1

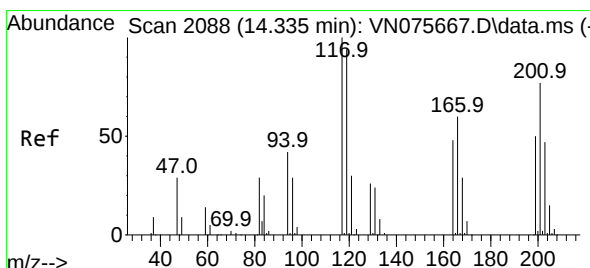
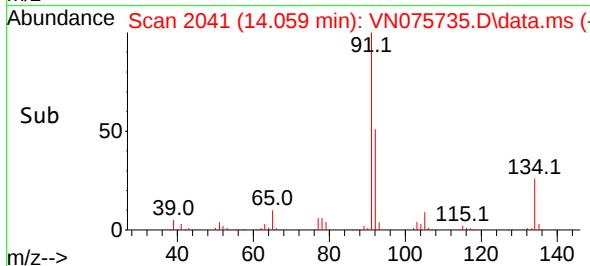
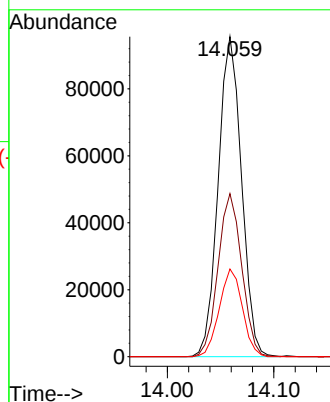
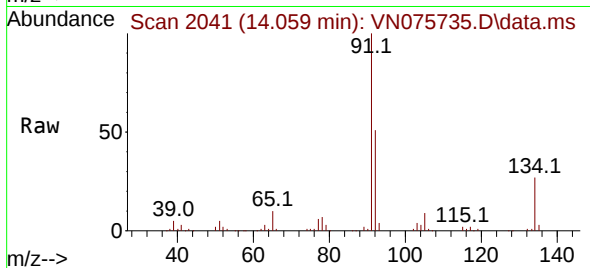
134 27.1 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#90

Hexachloroethane

Concen: 19.026 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075735.D

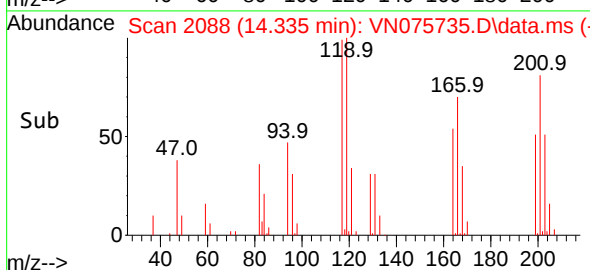
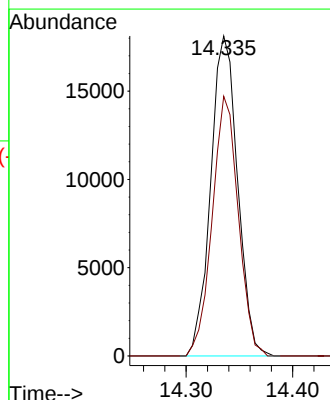
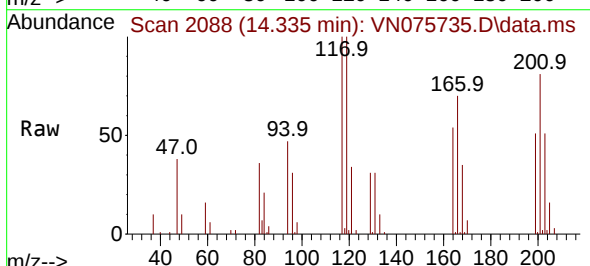
Acq: 13 Dec 2022 02:52

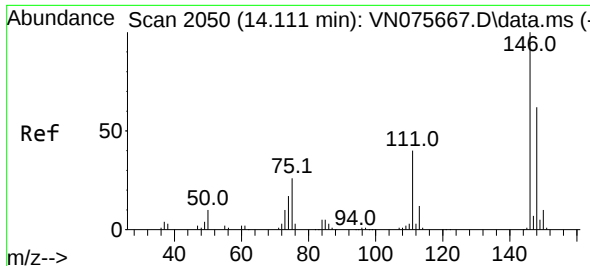
Tgt Ion:117 Resp: 31855

Ion Ratio Lower Upper

117 100

201 78.5 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 18.498 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

Tgt Ion:146 Resp: 9702

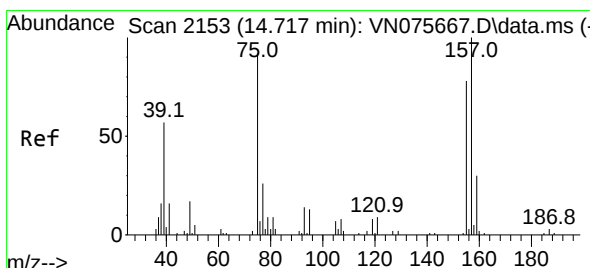
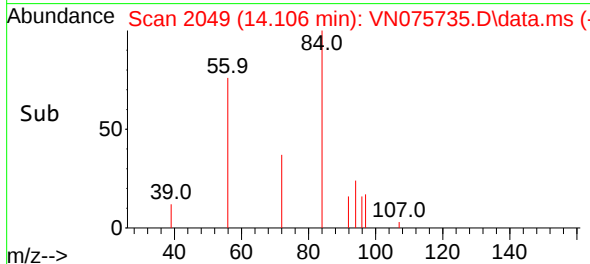
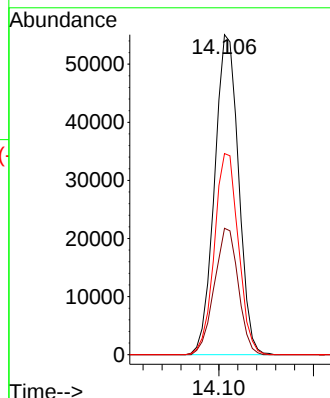
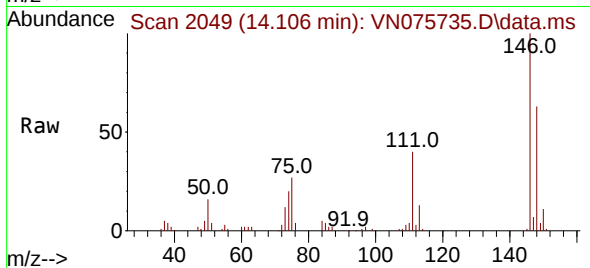
Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.3
148	62.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.056 ug/l

RT: 14.724 min Scan# 2154

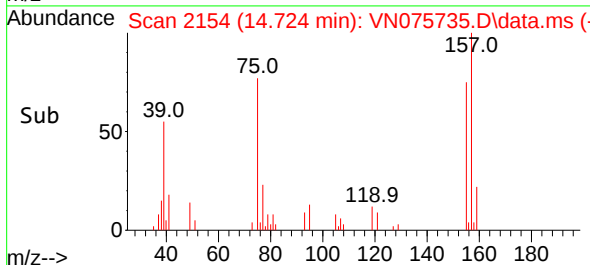
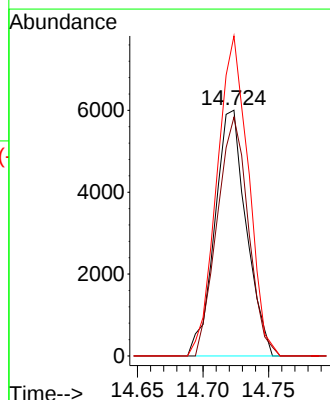
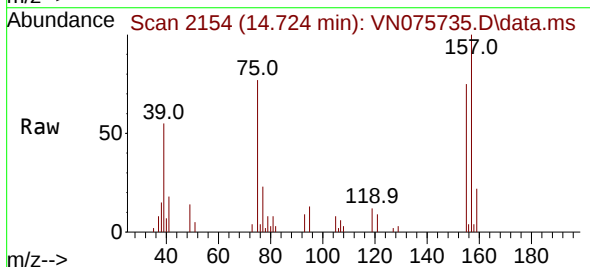
Delta R.T. 0.006 min

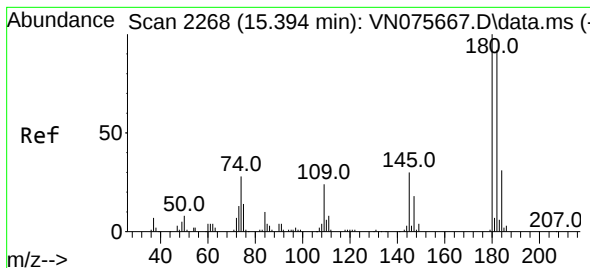
Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Tgt Ion: 75 Resp: 9989

Ion	Ratio	Lower	Upper
75	100		
155	96.5	48.4	145.2
157	130.1	63.5	190.6





#93

1,2,4-Trichlorobenzene

Concen: 17.825 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS02

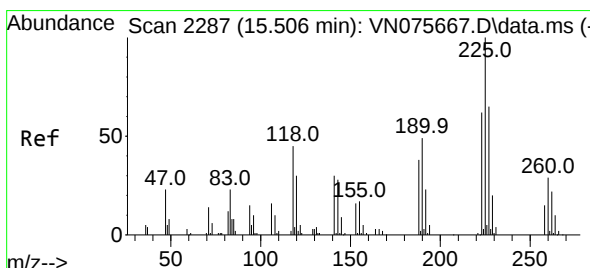
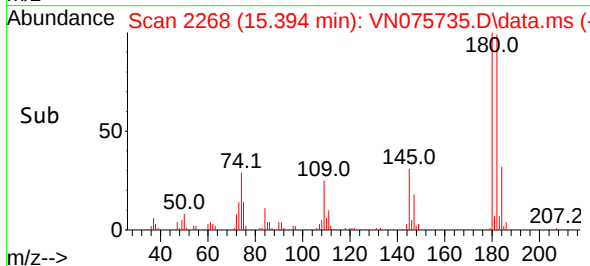
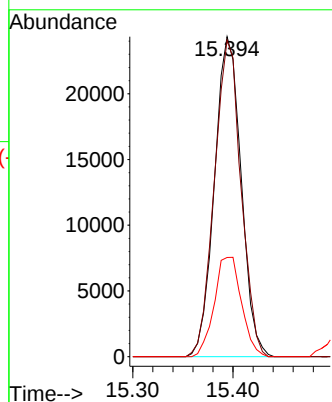
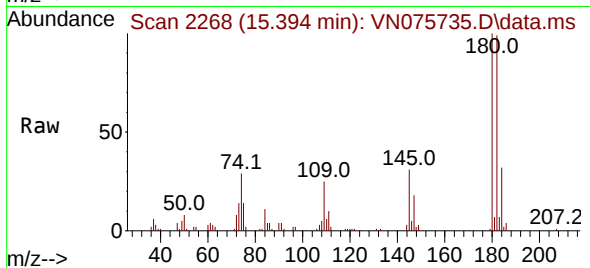
Tgt Ion:	180	Resp:	4488
Ion Ratio	Lower	Upper	
180	100		
182	98.8	47.1	141.3
145	31.8	15.2	45.5

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 17.444 ug/l

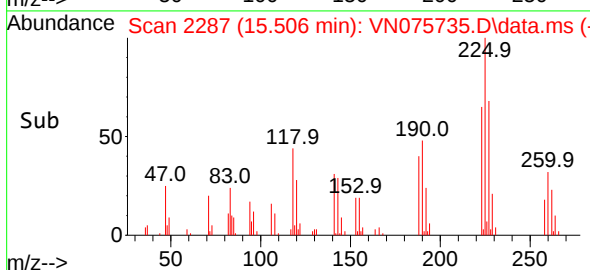
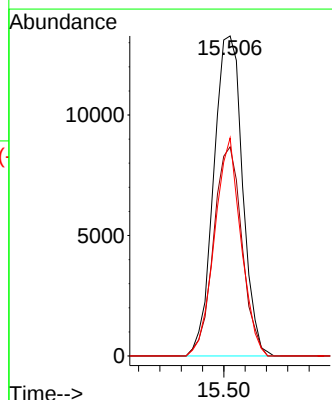
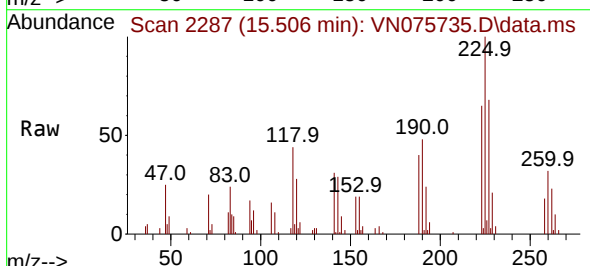
RT: 15.506 min Scan# 2287

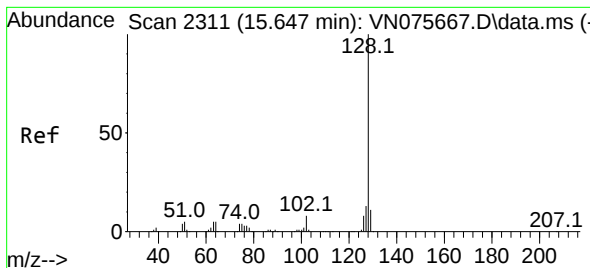
Delta R.T. 0.000 min

Lab File: VN075735.D

Acq: 13 Dec 2022 02:52

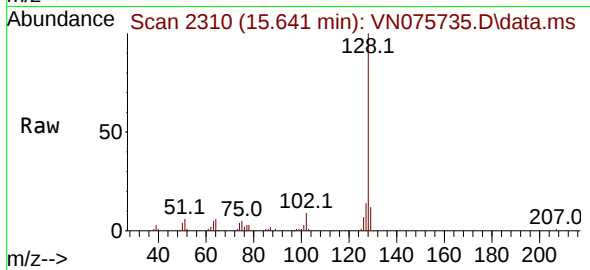
Tgt Ion:	225	Resp:	24923
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.4	94.2
227	62.4	31.3	93.9





#95
Naphthalene
Concen: 17.468 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.006 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

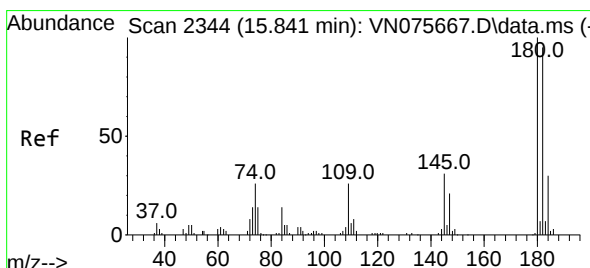
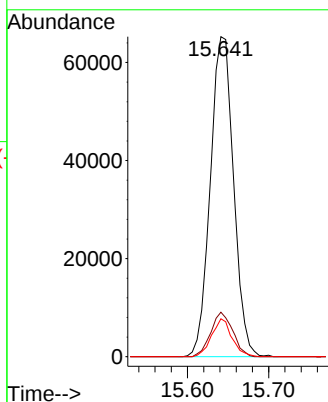
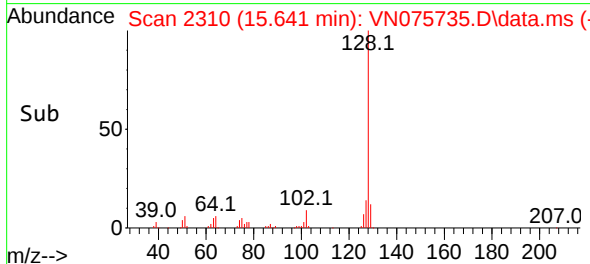
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS02



Tgt Ion:128 Resp: 13001
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.4 8.4 12.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.663 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075735.D
Acq: 13 Dec 2022 02:52

Tgt Ion:180 Resp: 43705
Ion Ratio Lower Upper
180 100
182 96.7 46.8 140.4
145 32.8 15.6 46.8

