

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075252.D
 Acq On : 11 Nov 2022 16:53
 Operator : JC\MD
 Sample : VN1111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:47:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	115753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	193431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74185	47.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	8.171	113	64730	52.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.800%		
50) Toluene-d8	10.571	98	232578	48.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.853	95	84841	50.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.780%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	25700	17.067	ug/l	99
3) Chloromethane	2.371	50	26371	16.488	ug/l	96
4) Vinyl Chloride	2.524	62	36680	16.075	ug/l	99
5) Bromomethane	2.930	94	32011	16.325	ug/l	97
6) Chloroethane	3.106	64	27462	16.784	ug/l	99
7) Trichlorofluoromethane	3.495	101	45894	19.689	ug/l	95
8) Diethyl Ether	3.965	74	16515	19.425	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	25417	19.745	ug/l	98
10) Methyl Iodide	4.595	142	37464	19.549	ug/l	98
11) Tert butyl alcohol	5.547	59	34038	93.585	ug/l #	90
12) 1,1-Dichloroethene	4.348	96	23991	19.552	ug/l	91
13) Acrolein	4.189	56	18918	63.591	ug/l	99
14) Allyl chloride	5.036	41	33037m	18.435	ug/l	
15) Acrylonitrile	5.730	53	74814	97.374	ug/l	99
16) Acetone	4.442	43	61958	93.821	ug/l	95
17) Carbon Disulfide	4.724	76	54660	17.715	ug/l	99
18) Methyl Acetate	5.042	43	42834	19.857	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	85146	18.670	ug/l	100
20) Methylene Chloride	5.289	84	29483	20.023	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	26221	19.517	ug/l	98
22) Diisopropyl ether	6.683	45	72650	18.370	ug/l	96
23) Vinyl Acetate	6.612	43	294511m	89.180	ug/l	
24) 1,1-Dichloroethane	6.583	63	47604	19.032	ug/l	98
25) 2-Butanone	7.494	43	100333	96.593	ug/l	99
26) 2,2-Dichloropropane	7.500	77	38042	16.533	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	30843	19.224	ug/l	94
28) Bromochloromethane	7.824	49	19356	18.358	ug/l	92
29) Tetrahydrofuran	7.847	42	65202	97.140	ug/l	99
30) Chloroform	7.977	83	52943	19.496	ug/l	94
31) Cyclohexane	8.265	56	41855	18.044	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	48517	19.674	ug/l	95
36) 1,1-Dichloropropene	8.377	75	37567	19.643	ug/l	99
37) Ethyl Acetate	7.565	43	37150	17.713	ug/l	96
38) Carbon Tetrachloride	8.371	117	41961	19.946	ug/l	96
39) Methylcyclohexane	9.606	83	46778	18.527	ug/l	99
40) Benzene	8.612	78	114784	19.602	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18620	18.530	ug/l	95
42) 1,2-Dichloroethane	8.677	62	40228	18.883	ug/l	99
43) Isopropyl Acetate	8.694	43	59832	18.391	ug/l	96
44) Trichloroethene	9.359	130	30502	20.762	ug/l	95
45) 1,2-Dichloropropane	9.624	63	27754	19.916	ug/l	95
46) Dibromomethane	9.712	93	21042	19.381	ug/l	96
47) Bromodichloromethane	9.888	83	39880	18.968	ug/l	95
48) Methyl methacrylate	9.688	41	27470	18.407	ug/l	95
49) 1,4-Dioxane	9.700	88	18240	466.750	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	200628	95.565	ug/l	99
52) Toluene	10.629	92	77819	19.880	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	41129	18.533	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	43953	18.674	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	30223	19.472	ug/l	96
56) Ethyl methacrylate	10.877	69	45379	19.167	ug/l	96
57) 1,3-Dichloropropane	11.165	76	51512	19.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	85479	93.392	ug/l	98
59) 2-Hexanone	11.200	43	154022	96.665	ug/l	99
60) Dibromochloromethane	11.359	129	32084	19.593	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32363	20.347	ug/l	99
64) Tetrachloroethene	11.106	164	26799	22.598	ug/l	97
65) Chlorobenzene	11.888	112	82146	19.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	30116	19.663	ug/l	99
67) Ethyl Benzene	11.965	91	143159	19.272	ug/l	94
68) m/p-Xylenes	12.076	106	117116	39.293	ug/l	97
69) o-Xylene	12.400	106	57650	19.558	ug/l	98
70) Styrene	12.412	104	92296	19.637	ug/l	98
71) Bromoform	12.582	173	23051	20.102	ug/l #	95
73) Isopropylbenzene	12.700	105	148360	19.378	ug/l	98
74) N-amyl acetate	12.494	43	51531	18.198	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	47158	18.991	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	42777m	21.126	ug/l	
77) Bromobenzene	12.982	156	34919	20.714	ug/l	92
78) n-propylbenzene	13.035	91	166248	19.341	ug/l	99
79) 2-Chlorotoluene	13.129	91	101721	19.366	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	128269	19.947	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	12863m	16.307	ug/l	
82) 4-Chlorotoluene	13.129	91	101721	19.366	ug/l	98
83) tert-Butylbenzene	13.441	119	111414	19.499	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	127100	19.535	ug/l	99
85) sec-Butylbenzene	13.618	105	154334	19.308	ug/l	99
86) p-Isopropyltoluene	13.729	119	128877	19.522	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66647	20.192	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	66760	20.437	ug/l	99
89) n-Butylbenzene	14.059	91	103039	19.383	ug/l	98
90) Hexachloroethane	14.335	117	22701	18.755	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	68349	20.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10259	19.865	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	30129	21.337	ug/l	99
94) Hexachlorobutadiene	15.500	225	14335	20.825	ug/l	97
95) Naphthalene	15.641	128	113606	20.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30782	21.940	ug/l	98

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Instrument :
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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

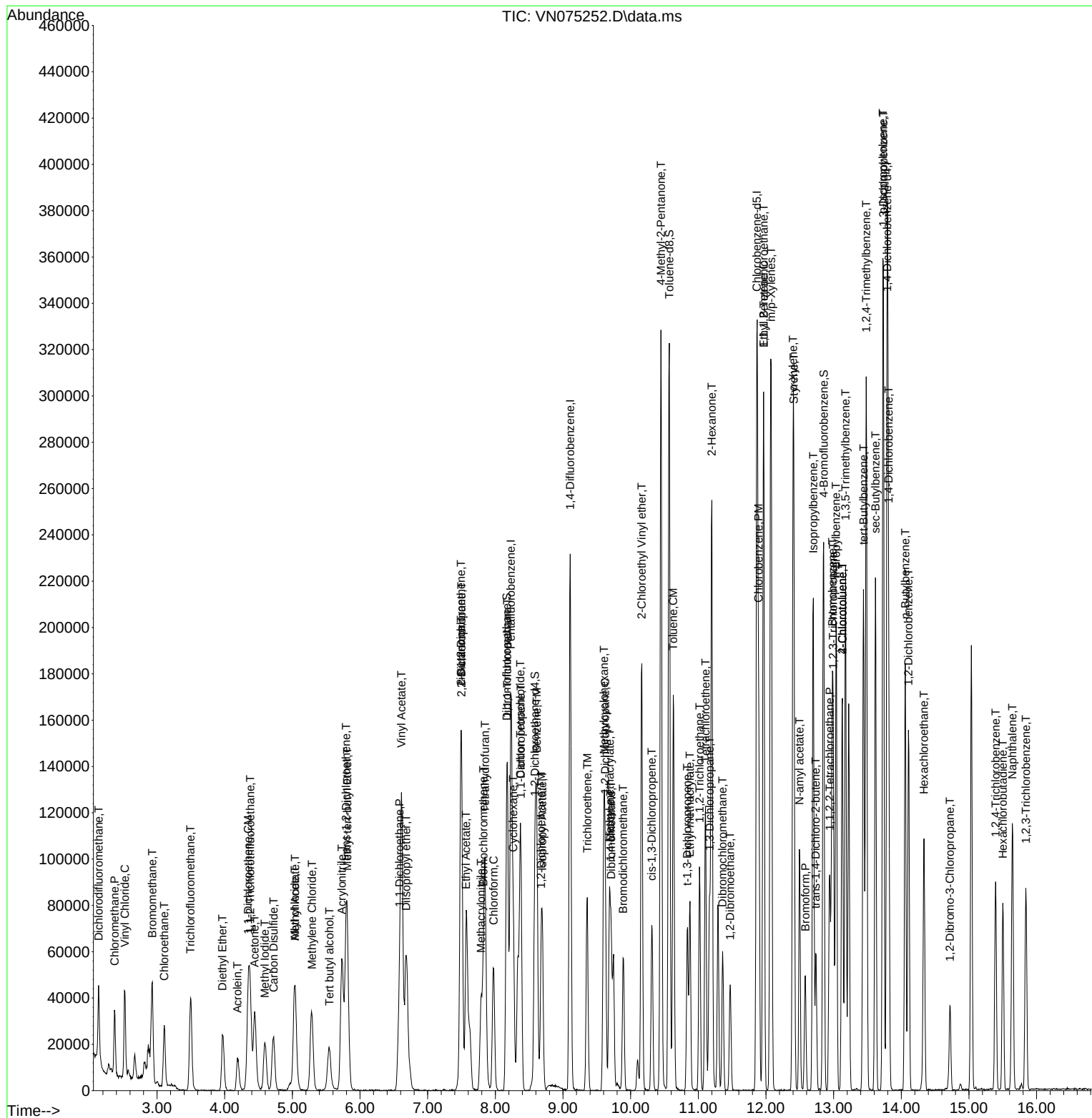
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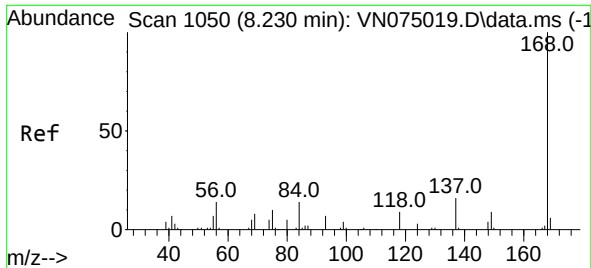
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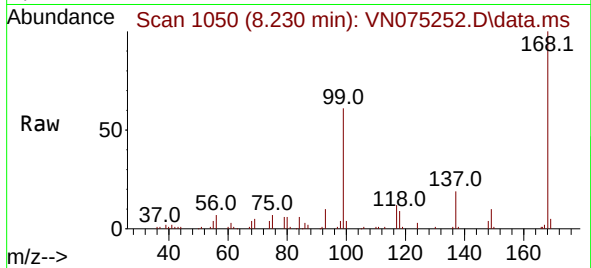
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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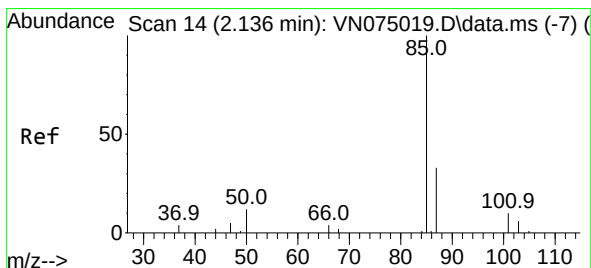
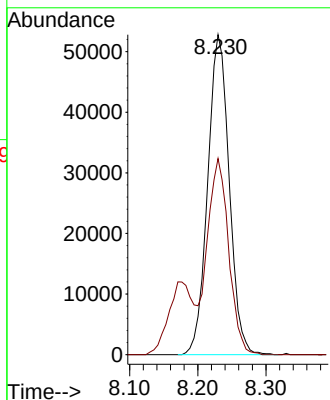
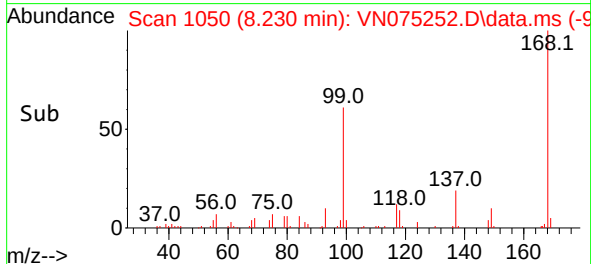
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Tgt Ion:168 Resp: 11575
Ion Ratio Lower Upper
168 100
99 61.3 51.6 77.4

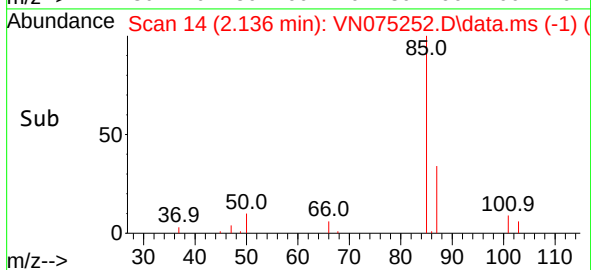
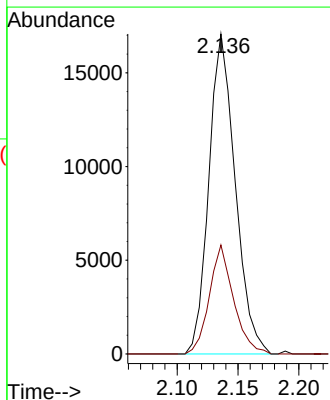
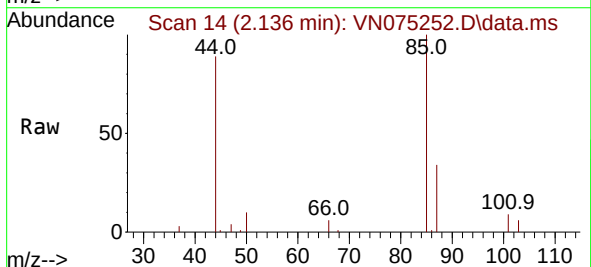
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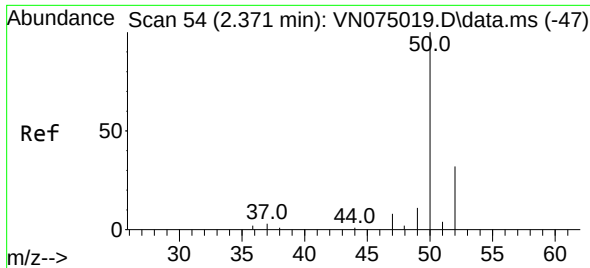
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 17.067 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

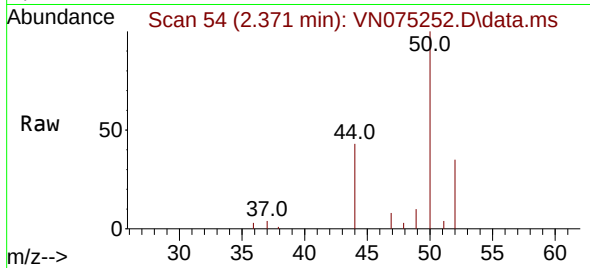
Tgt Ion: 85 Resp: 25700
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.0





#3
Chloromethane
Concen: 16.488 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

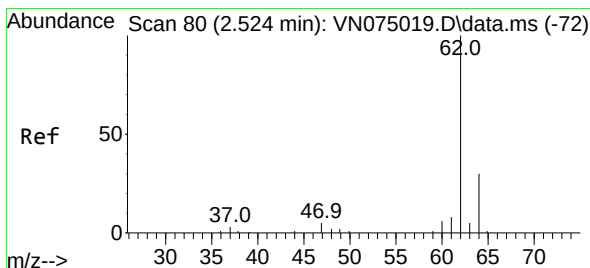
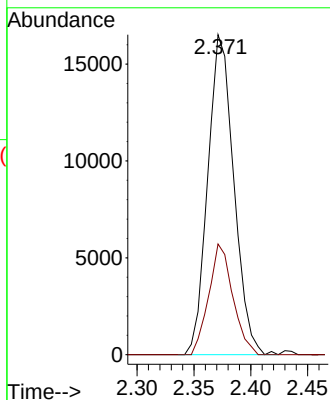
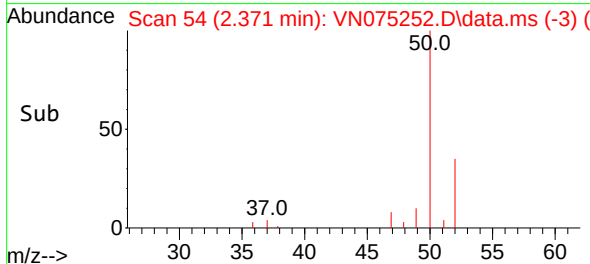
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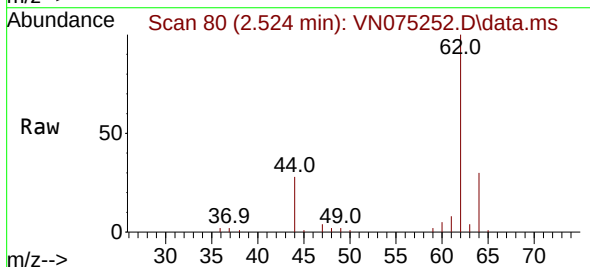
Tgt Ion: 50 Resp: 2637
Ion Ratio Lower Upper
50 100
52 34.6 25.8 38.6

Manual Integrations
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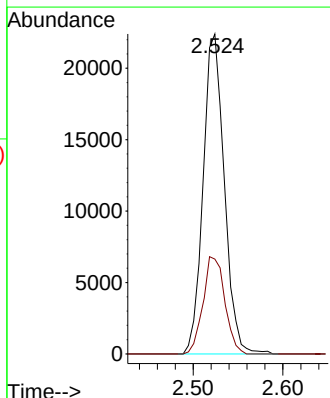
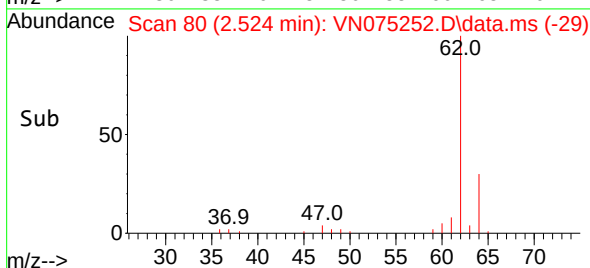
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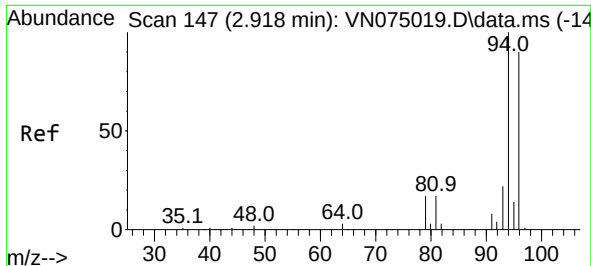


#4
Vinyl Chloride
Concen: 16.075 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



Tgt Ion: 62 Resp: 36680
Ion Ratio Lower Upper
62 100
64 29.7 24.0 36.0





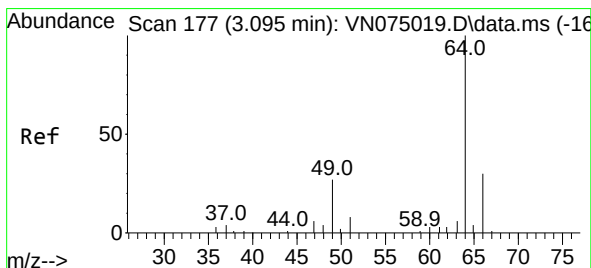
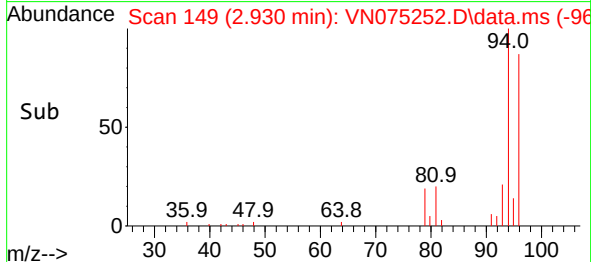
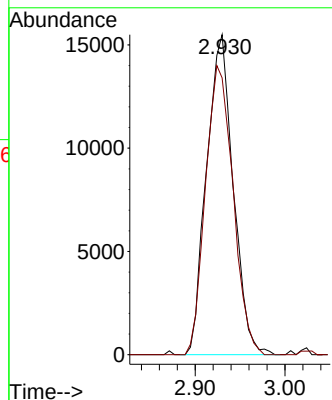
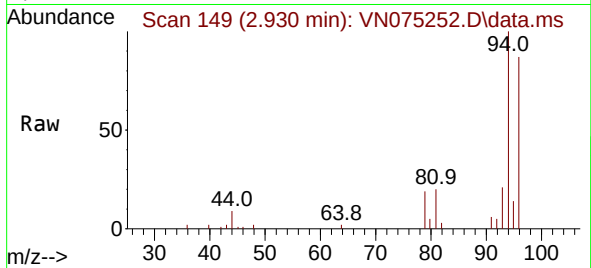
#5
Bromomethane
Concen: 16.325 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
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Tgt Ion: 94 Resp: 3201
Ion Ratio Lower Upper
94 100
96 86.5 71.8 107.6

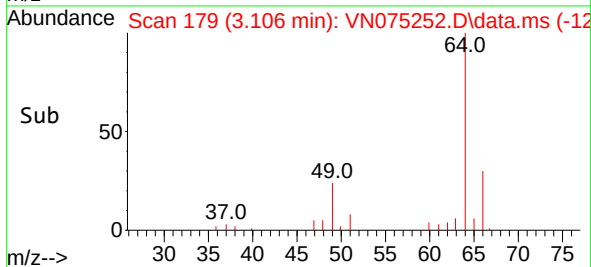
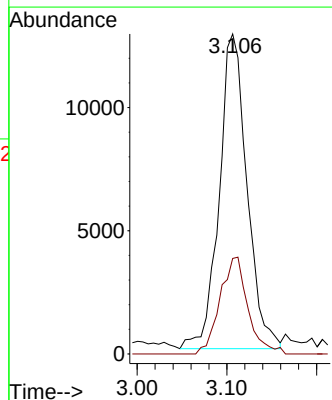
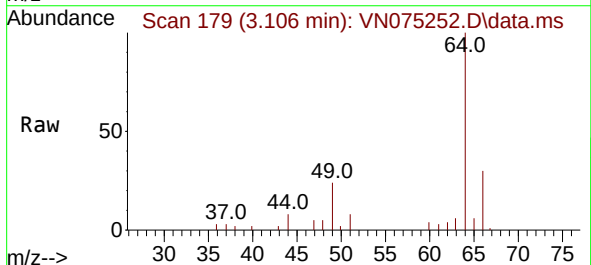
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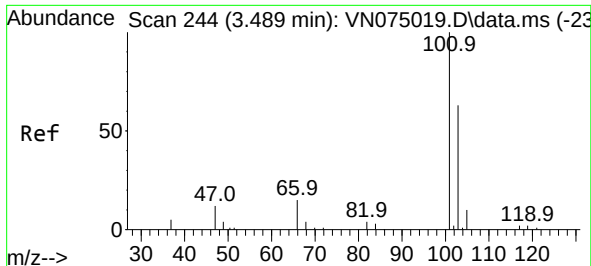
Reviewed By :John Carlone 11/14/2022
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#6
Chloroethane
Concen: 16.784 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

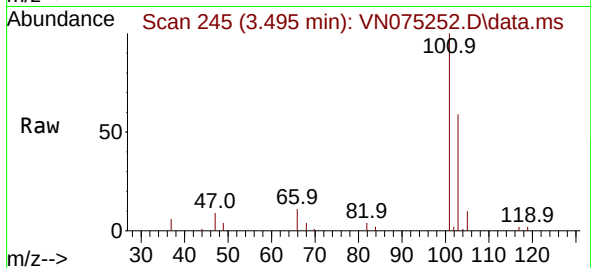
Tgt Ion: 64 Resp: 27462
Ion Ratio Lower Upper
64 100
66 30.4 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 19.689 ug/l
 RT: 3.495 min Scan# 244
 Delta R.T. 0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

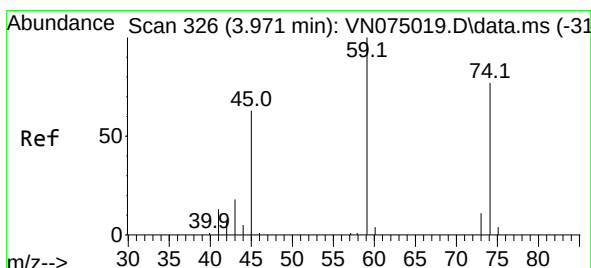
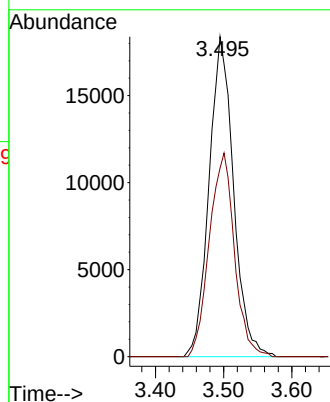
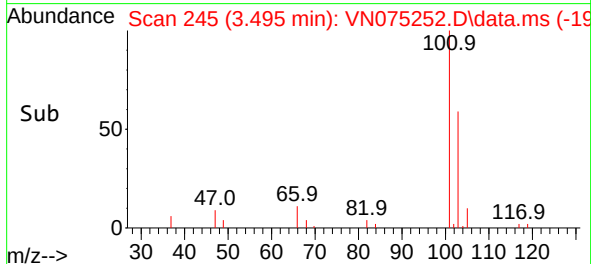
Instrument :
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Tgt Ion:101 Resp: 45894
 Ion Ratio Lower Upper
 101 100
 103 58.9 50.5 75.7

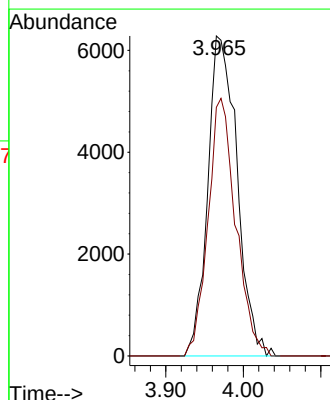
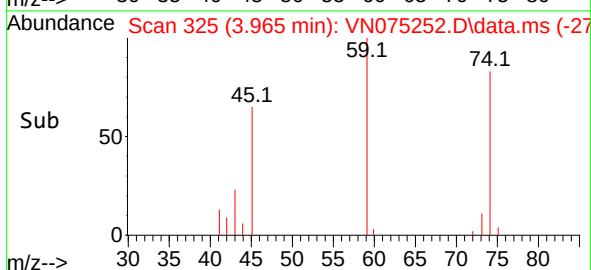
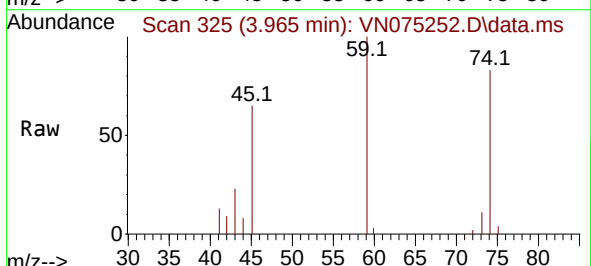
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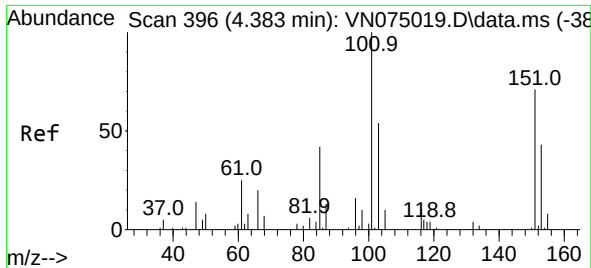
Reviewed By :John Carlone 11/14/2022
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#8
 Diethyl Ether
 Concen: 19.425 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

Tgt Ion: 74 Resp: 16515
 Ion Ratio Lower Upper
 74 100
 45 76.4 39.3 117.9





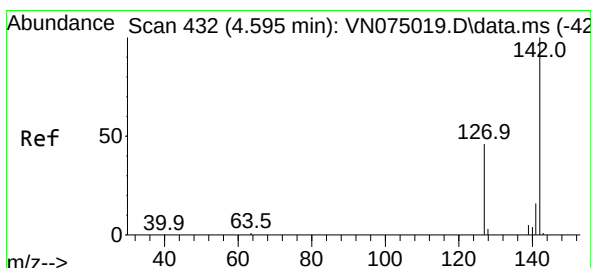
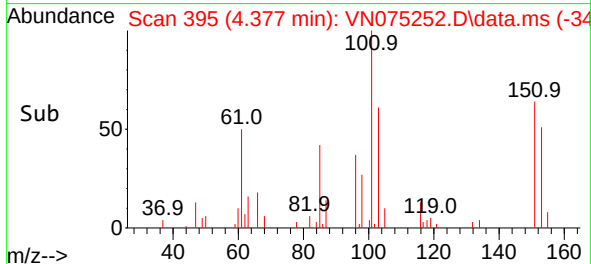
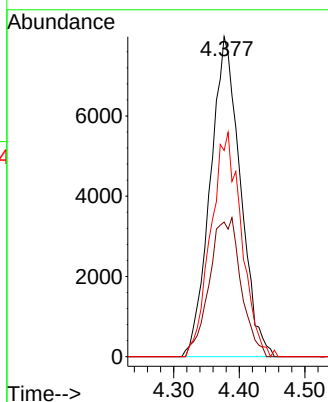
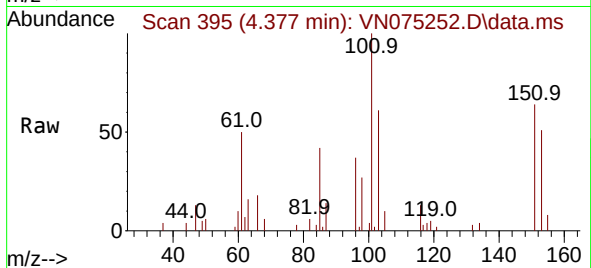
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.745 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion:101 Resp: 2541
Ion Ratio Lower Upper
101 100
85 45.5 37.6 56.4
151 71.4 58.3 87.5

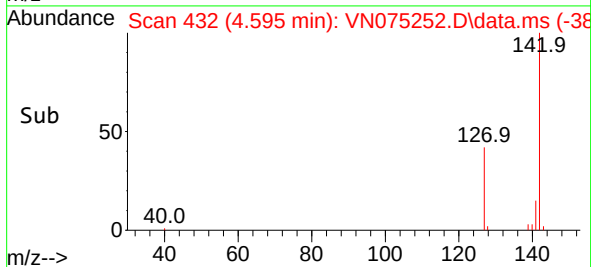
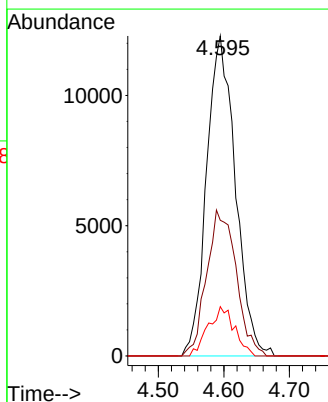
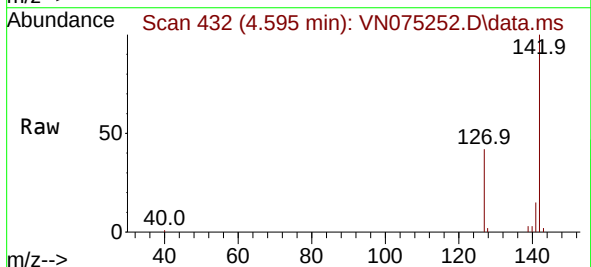
Manual Integrations
APPROVED

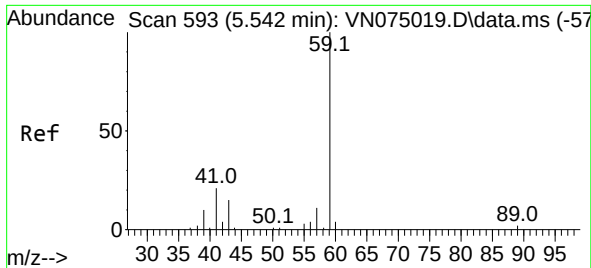
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#10
Methyl Iodide
Concen: 19.549 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion:142 Resp: 37464
Ion Ratio Lower Upper
142 100
127 46.8 38.0 57.0
141 14.1 12.2 18.4





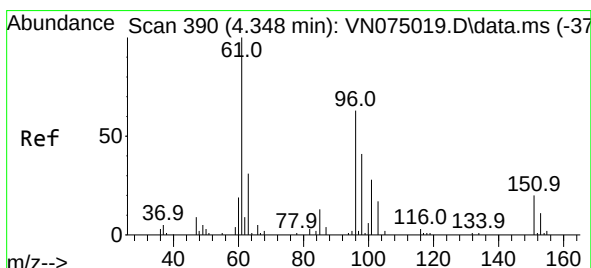
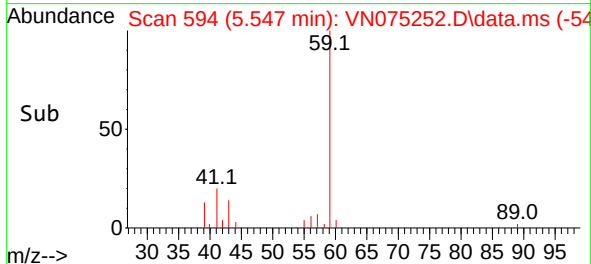
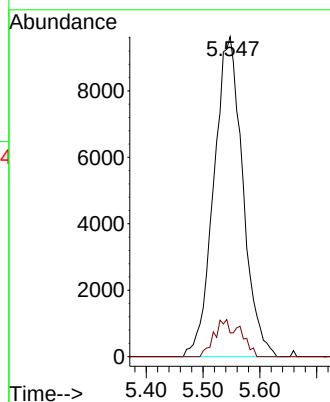
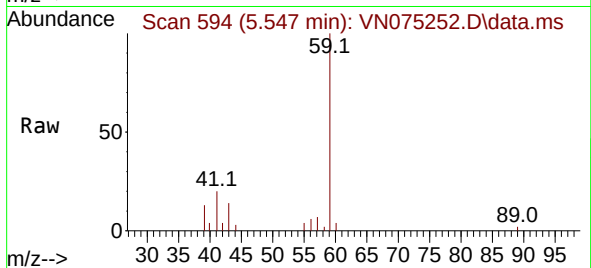
#11
Tert butyl alcohol
Concen: 93.585 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 59 Resp: 34038
Ion Ratio Lower Upper
59 100
57 6.9 8.5 12.7

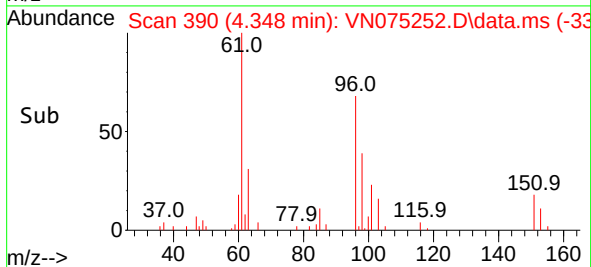
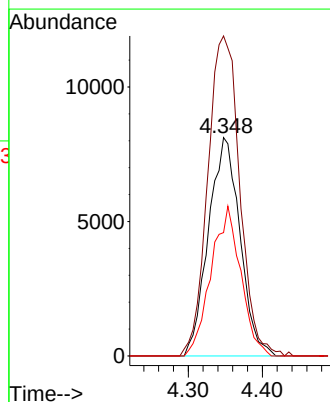
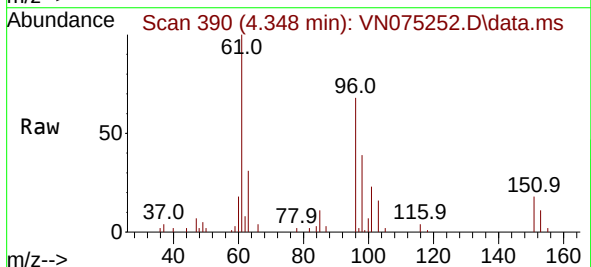
Manual Integrations
APPROVED

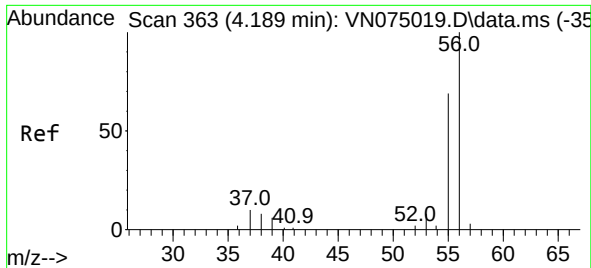
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#12
1,1-Dichloroethene
Concen: 19.552 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

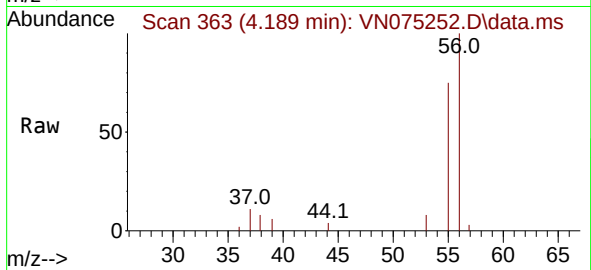
Tgt Ion: 96 Resp: 23991
Ion Ratio Lower Upper
96 100
61 146.5 126.2 189.4
98 56.5 51.5 77.3





#13
Acrolein
Concen: 63.591 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

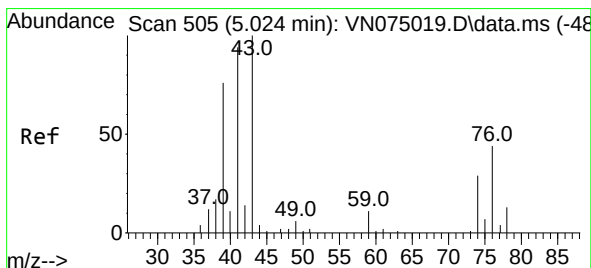
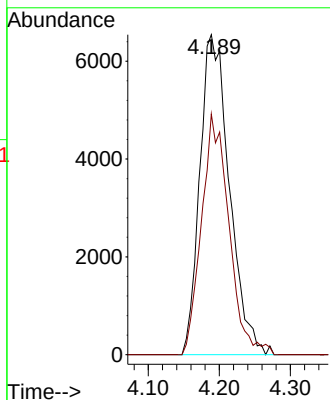
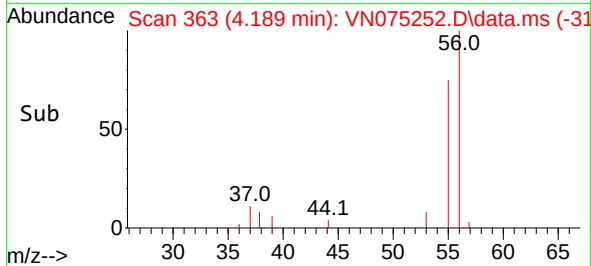
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



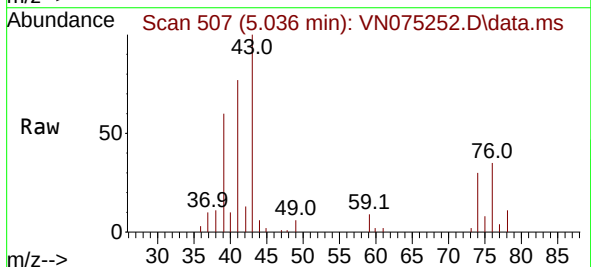
Tgt Ion: 56 Resp: 18918
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8

Manual Integrations
APPROVED

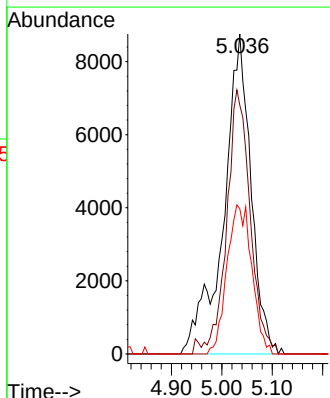
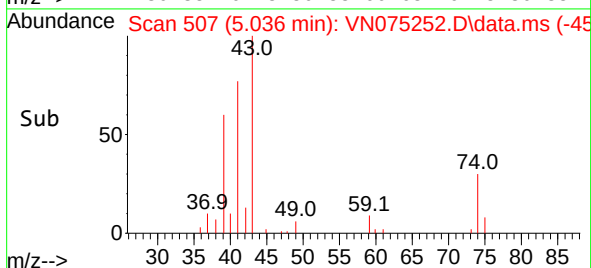
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

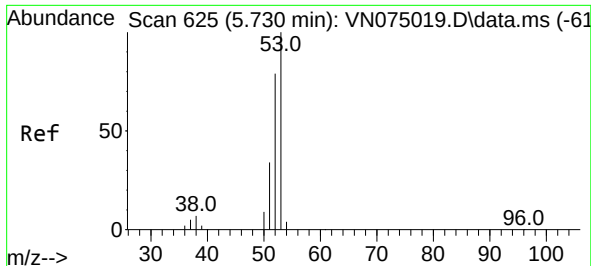


#14
Allyl chloride
Concen: 18.435 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



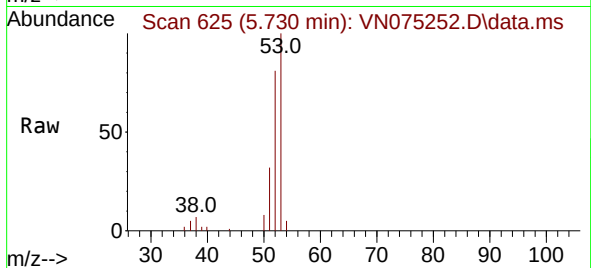
Tgt Ion: 41 Resp: 33037
Ion Ratio Lower Upper
41 100
39 70.2 61.0 91.4
76 42.4 33.4 50.0





#15
Acrylonitrile
Concen: 97.374 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

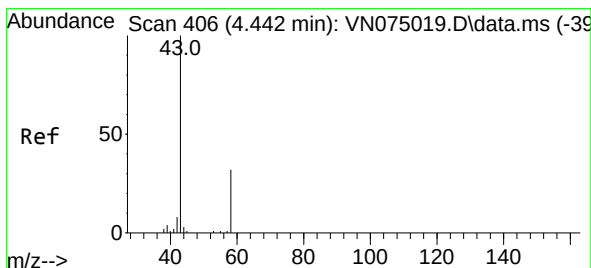
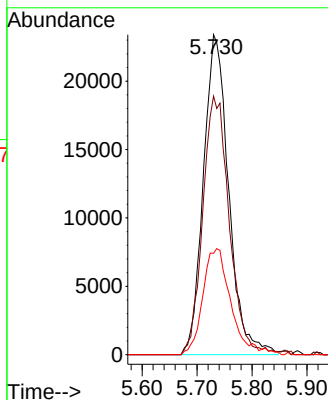
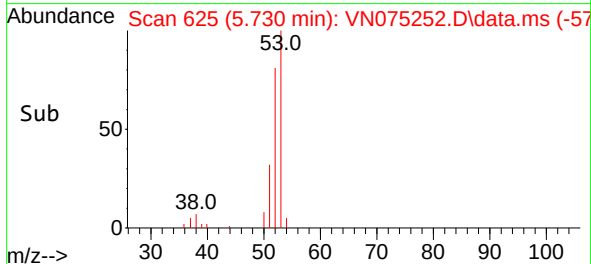
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



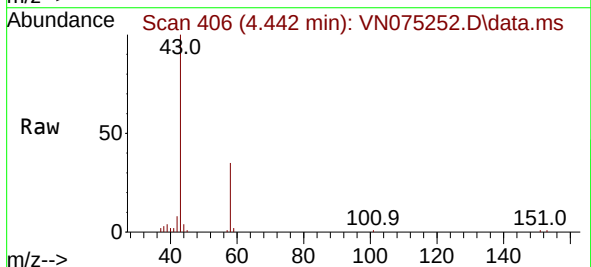
Tgt Ion: 53 Resp: 74814
Ion Ratio Lower Upper
53 100
52 84.8 66.4 99.6
51 36.8 29.6 44.4

Manual Integrations
APPROVED

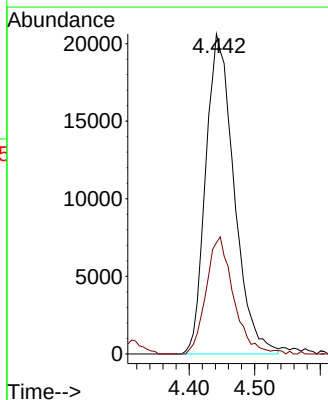
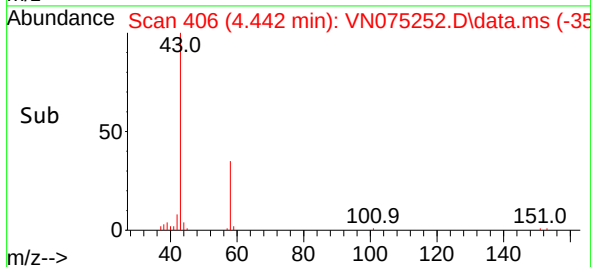
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

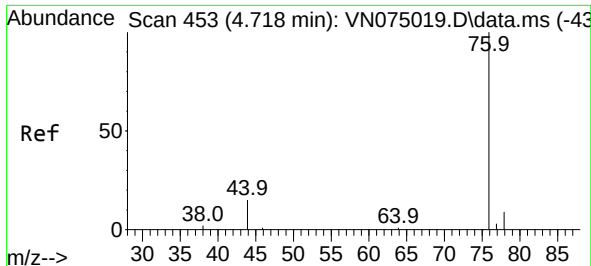


#16
Acetone
Concen: 93.821 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



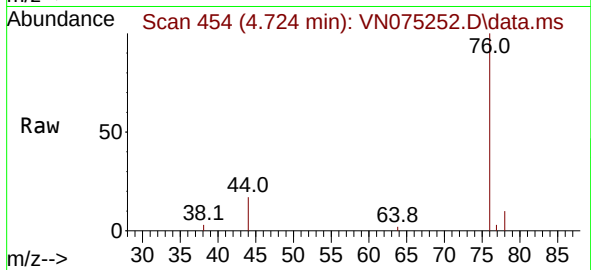
Tgt Ion: 43 Resp: 61958
Ion Ratio Lower Upper
43 100
58 34.8 25.5 38.3





#17
Carbon Disulfide
Concen: 17.715 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

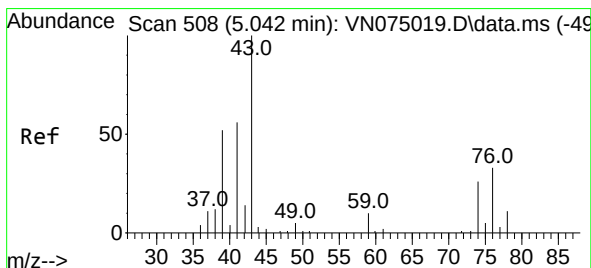
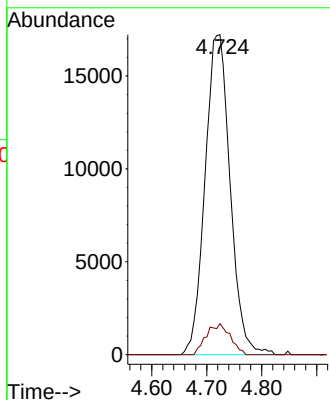
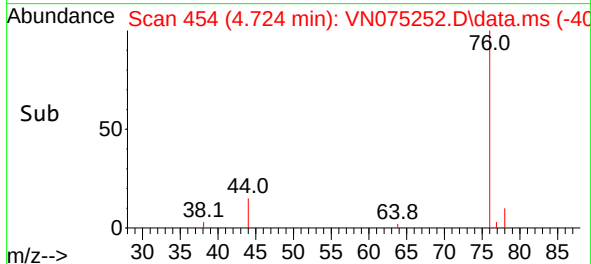
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



Tgt Ion: 76 Resp: 5466
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

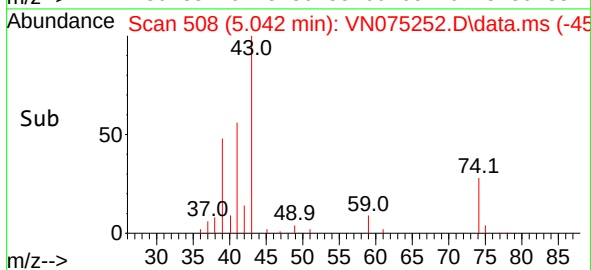
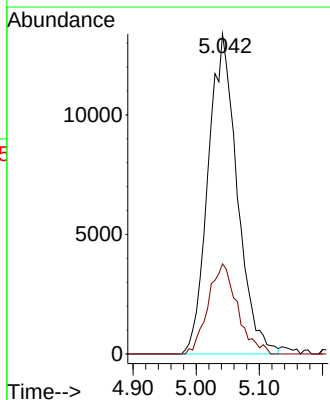
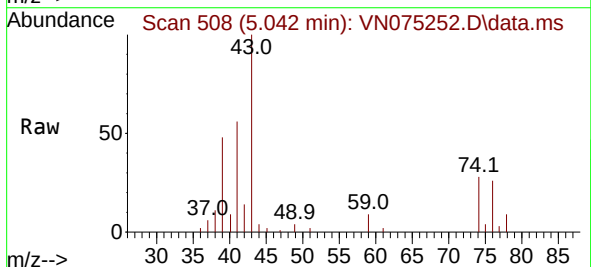
Manual Integrations
APPROVED

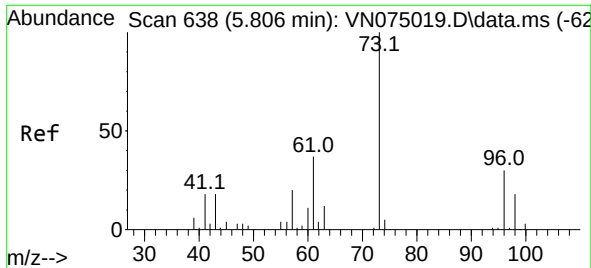
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#18
Methyl Acetate
Concen: 19.857 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 43 Resp: 42834
Ion Ratio Lower Upper
43 100
74 28.3 22.0 33.0





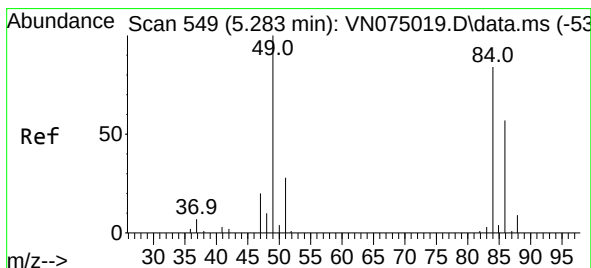
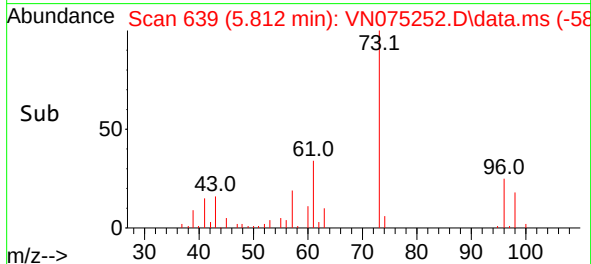
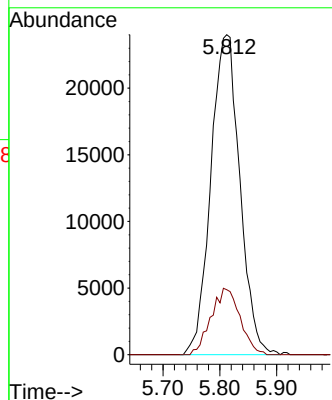
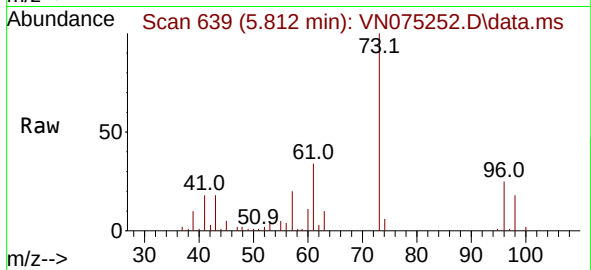
#19
Methyl tert-butyl Ether
Concen: 18.670 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 73 Resp: 85140
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5

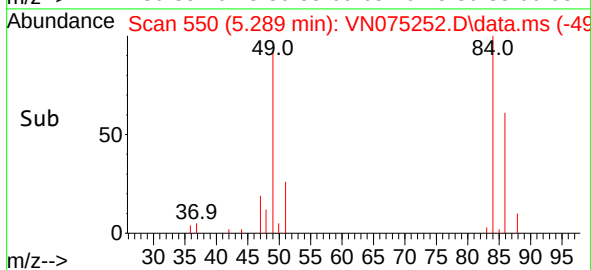
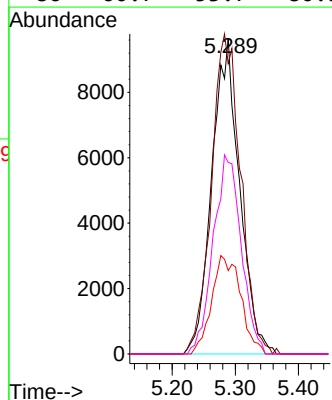
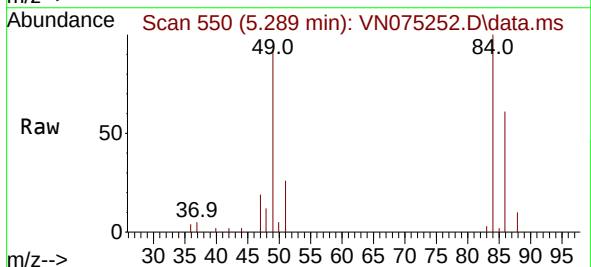
Manual Integrations
APPROVED

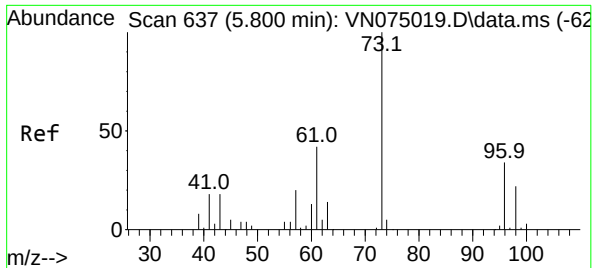
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#20
Methylene Chloride
Concen: 20.023 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 84 Resp: 29483
Ion Ratio Lower Upper
84 100
49 92.0 94.9 142.3#
51 26.4 26.8 40.2#
86 60.7 53.7 80.5





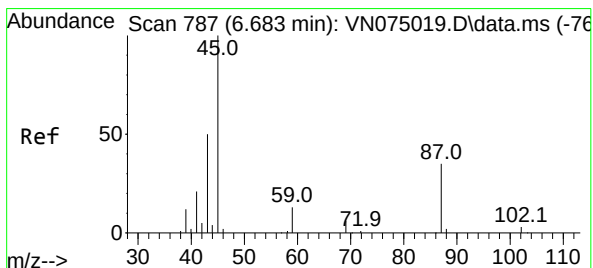
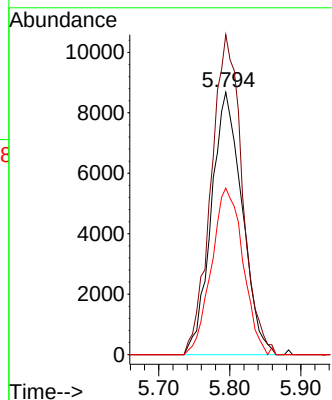
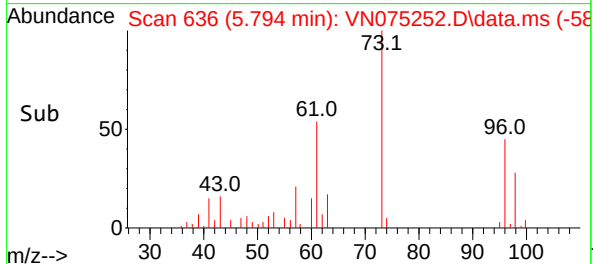
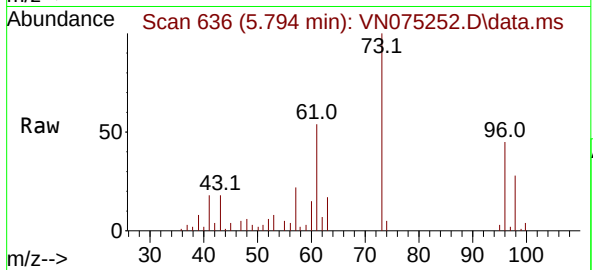
#21
trans-1,2-Dichloroethene
Concen: 19.517 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 96 Resp: 2622
Ion Ratio Lower Upper
96 100
61 122.0 99.9 149.9
98 63.5 51.5 77.3

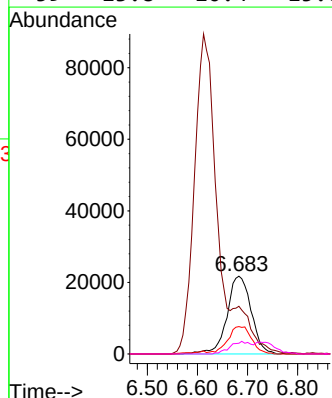
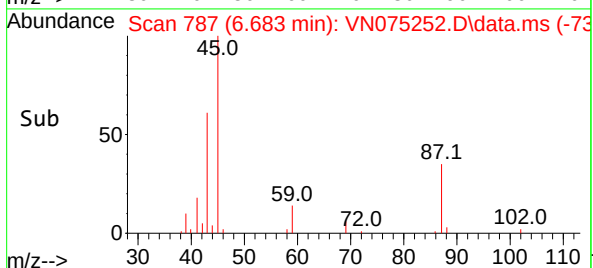
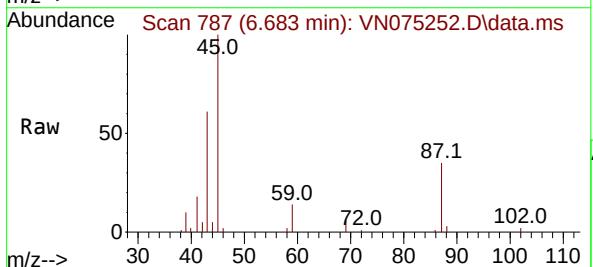
Manual Integrations
APPROVED

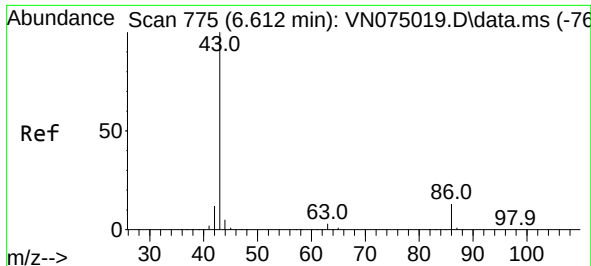
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#22
Diisopropyl ether
Concen: 18.370 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 45 Resp: 72650
Ion Ratio Lower Upper
45 100
43 58.9 42.8 64.2
87 35.2 28.4 42.6
59 13.8 10.4 15.6





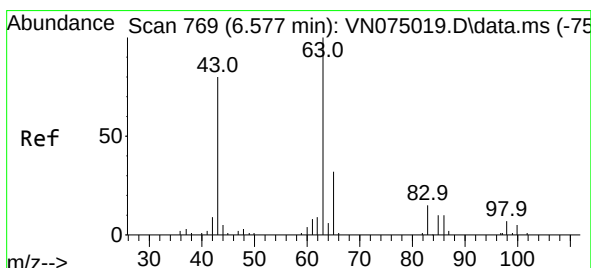
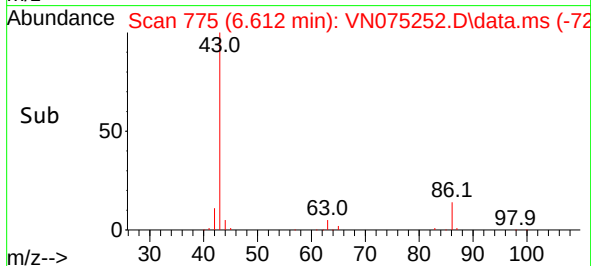
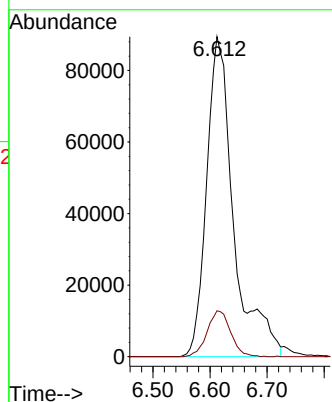
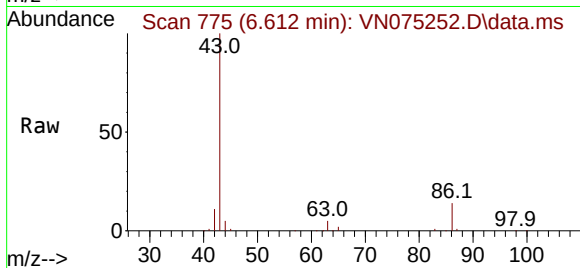
#23
 Vinyl Acetate
 Concen: 89.180 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBSD01

Tgt Ion: 43 Resp: 29451
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.7 16.1

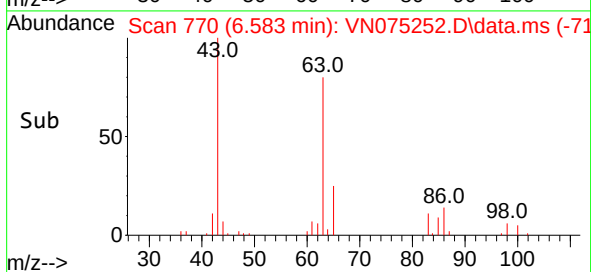
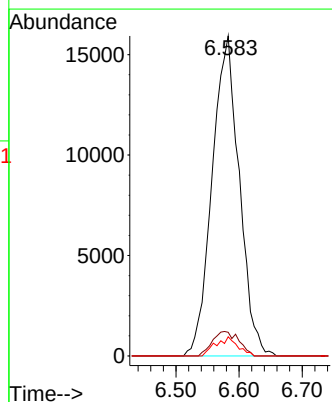
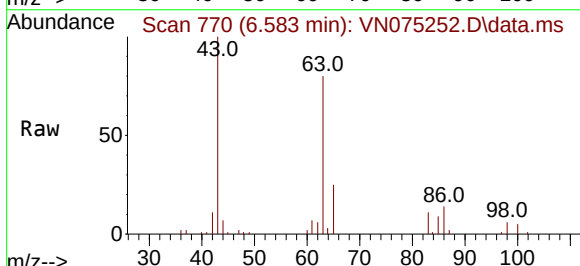
Manual Integrations
 APPROVED

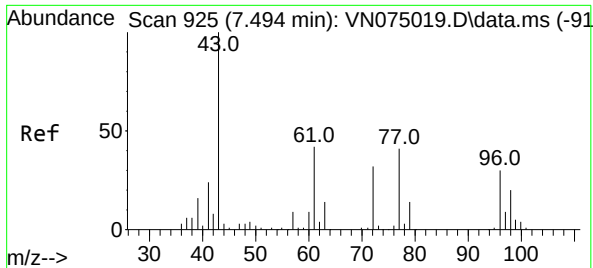
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#24
 1,1-Dichloroethane
 Concen: 19.032 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

Tgt Ion: 63 Resp: 47604
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 6.0 2.4 7.2





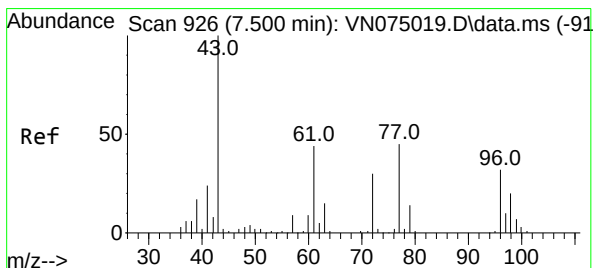
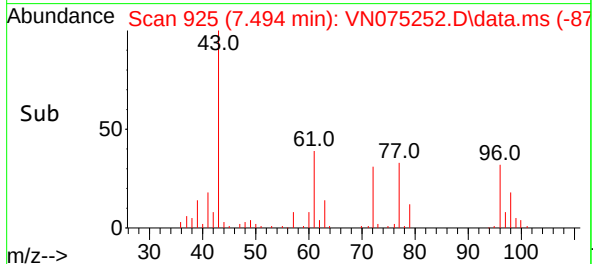
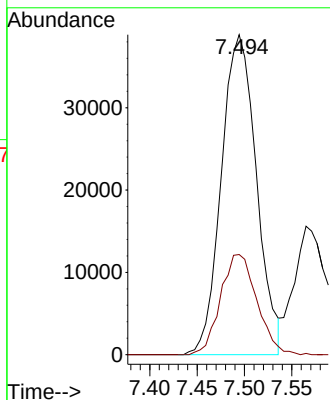
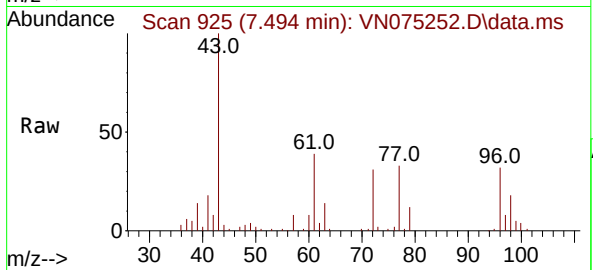
#25
2-Butanone
Concen: 96.593 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 43 Resp: 10033
Ion Ratio Lower Upper
43 100
72 31.3 25.5 38.3

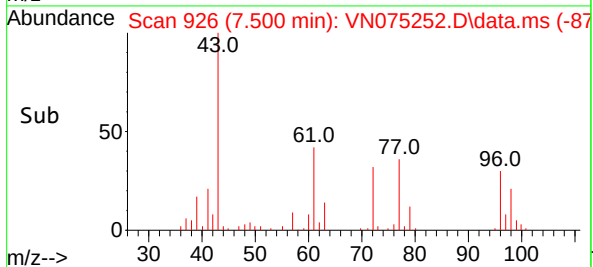
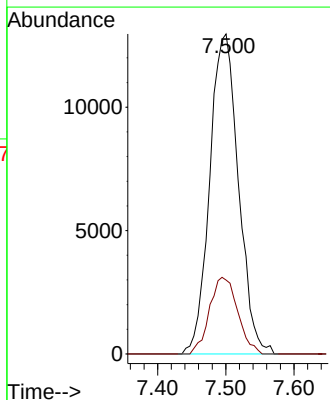
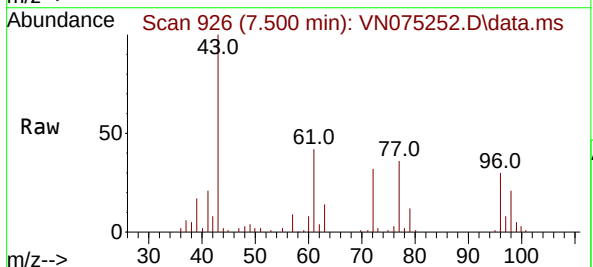
Manual Integrations
APPROVED

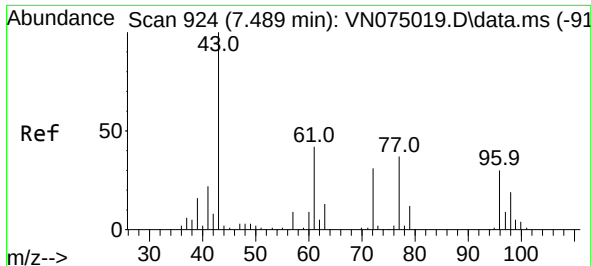
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#26
2,2-Dichloropropane
Concen: 16.533 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

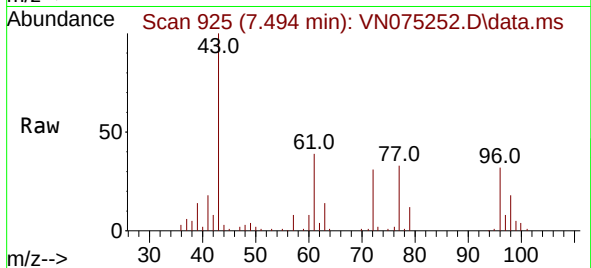
Tgt Ion: 77 Resp: 38042
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.224 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.005 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

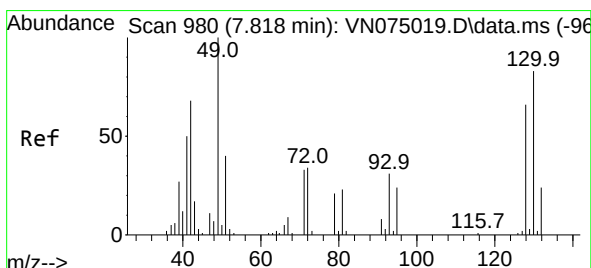
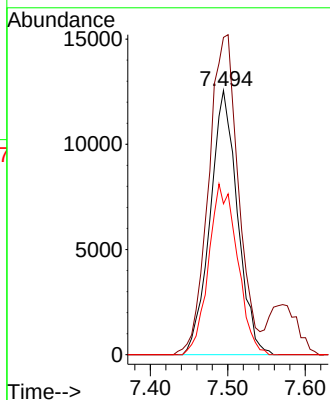
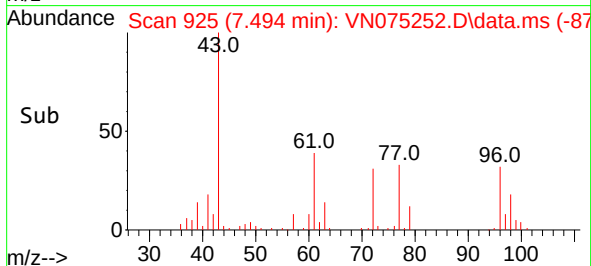
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBSD01



Tgt Ion: 96 Resp: 3084
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 278.8
 98 67.9 0.0 128.4

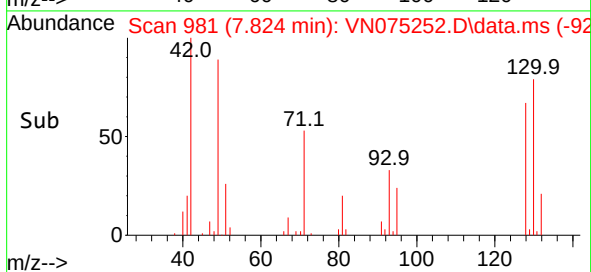
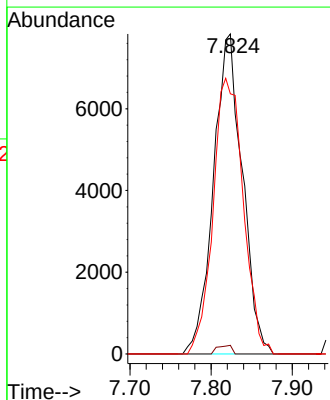
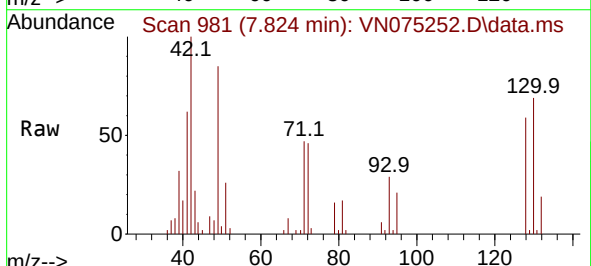
Manual Integrations
 APPROVED

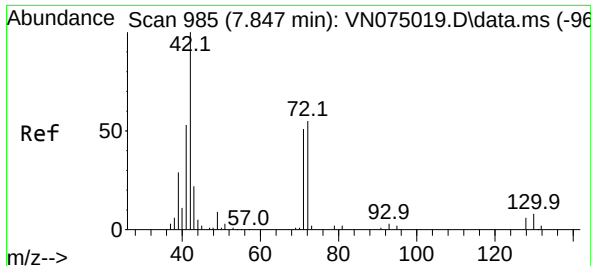
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#28
 Bromochloromethane
 Concen: 18.358 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

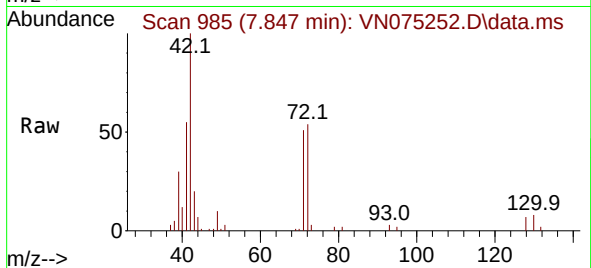
Tgt Ion: 49 Resp: 19356
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 90.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 97.140 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

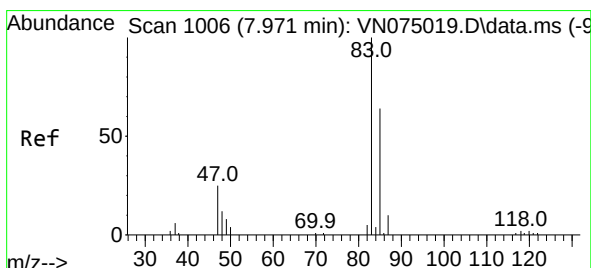
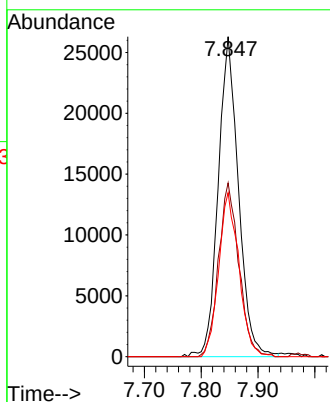
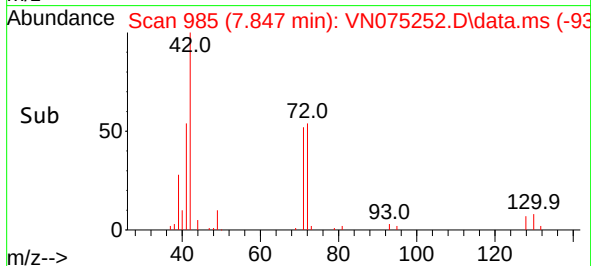
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



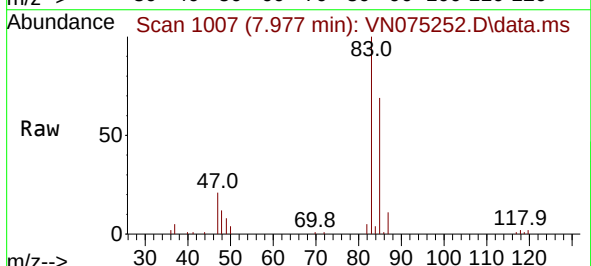
Tgt Ion: 42 Resp: 6520
Ion Ratio Lower Upper
42 100
72 54.6 43.0 64.6
71 51.2 39.9 59.9

Manual Integrations
APPROVED

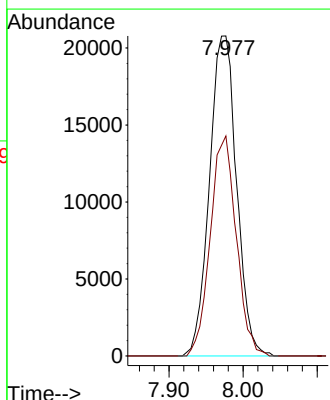
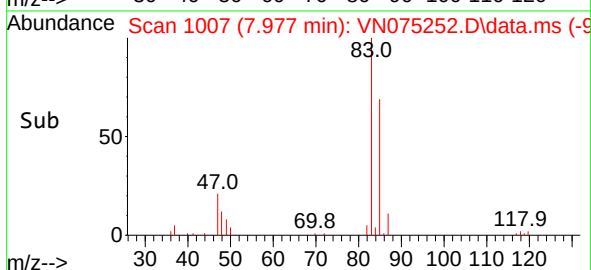
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

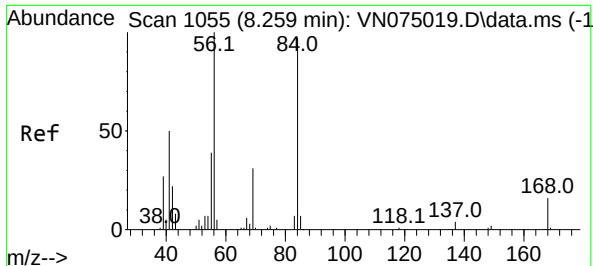


#30
Chloroform
Concen: 19.496 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



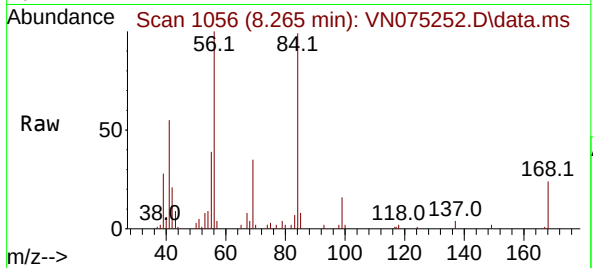
Tgt Ion: 83 Resp: 52943
Ion Ratio Lower Upper
83 100
85 68.8 51.4 77.0





#31
Cyclohexane
Concen: 18.044 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

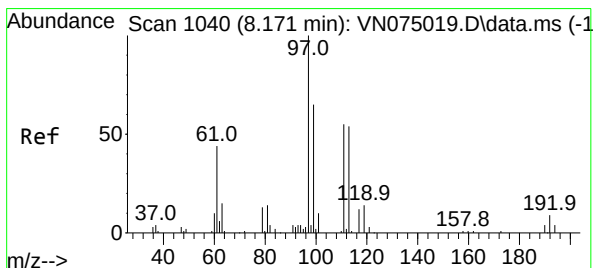
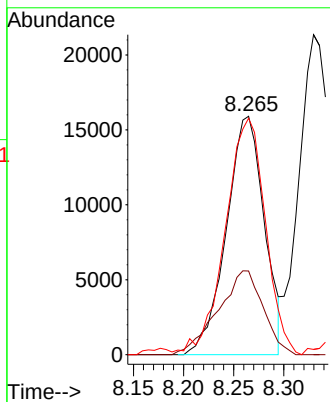
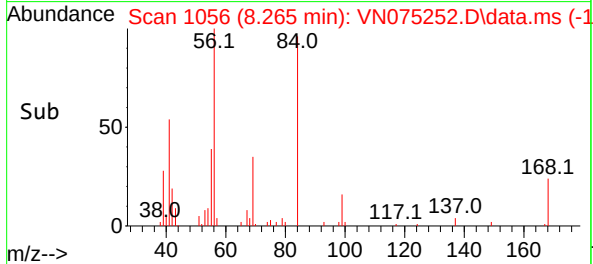
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



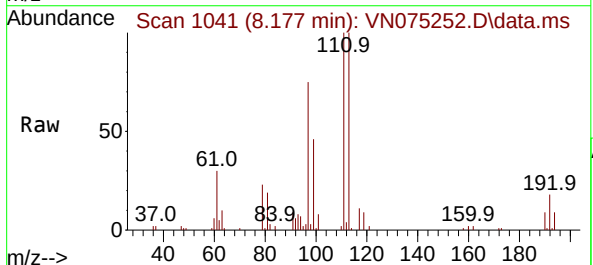
Tgt Ion: 56 Resp: 4185
Ion Ratio Lower Upper
56 100
69 33.7 25.2 37.8
84 97.3 77.8 116.8

Manual Integrations
APPROVED

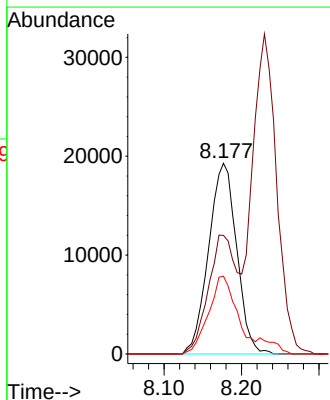
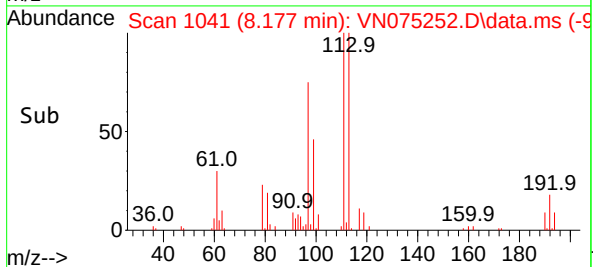
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

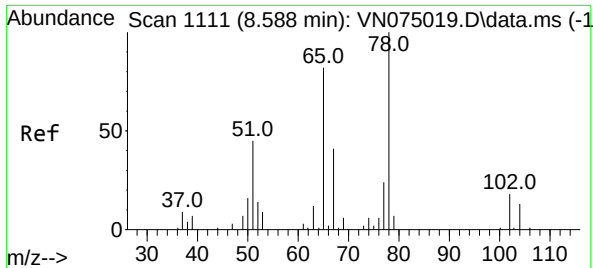


#32
1,1,1-Trichloroethane
Concen: 19.674 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



Tgt Ion: 97 Resp: 48517
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.2
61 41.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.566 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

Tgt Ion: 65 Resp: 7418

Ion Ratio Lower Upper

65 100

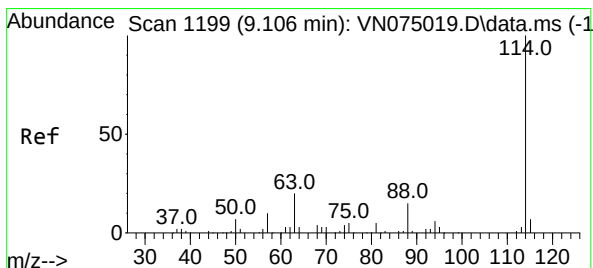
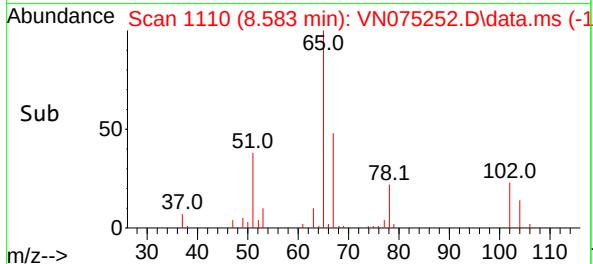
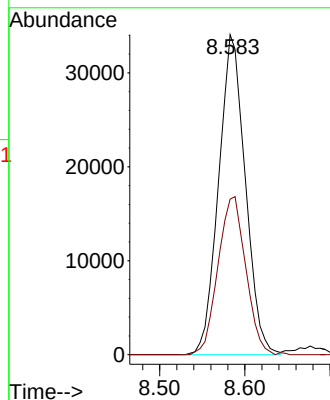
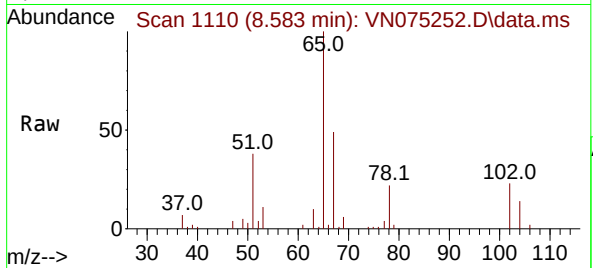
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

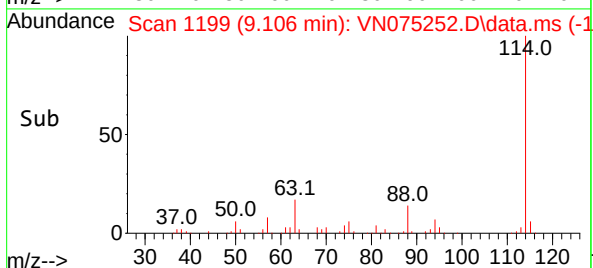
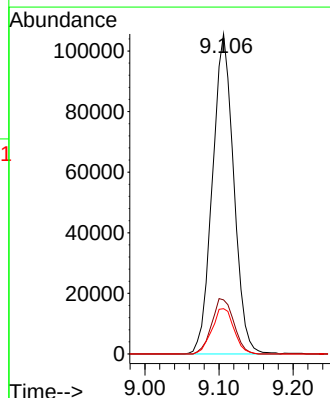
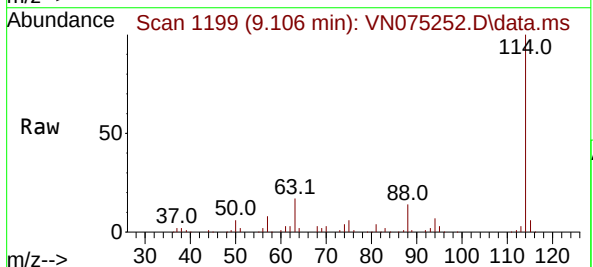
Tgt Ion:114 Resp: 210427

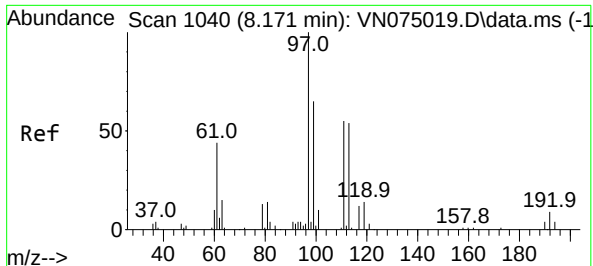
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.400 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

Tgt Ion:113 Resp: 64730

Ion Ratio Lower Upper

113 100

111 101.6 80.5 120.7

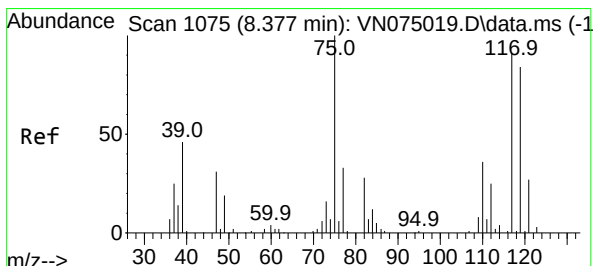
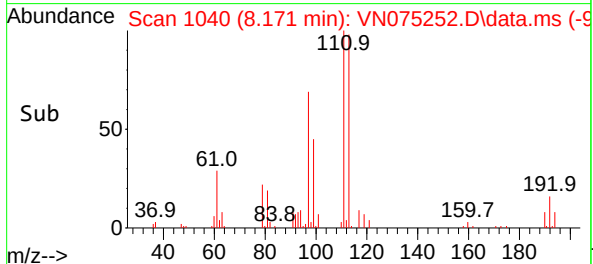
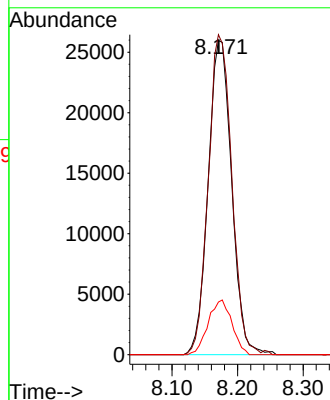
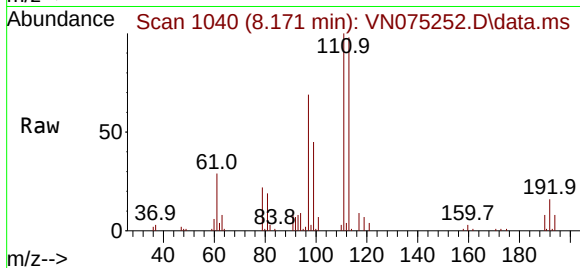
192 17.6 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#36

1,1-Dichloropropene

Concen: 19.643 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

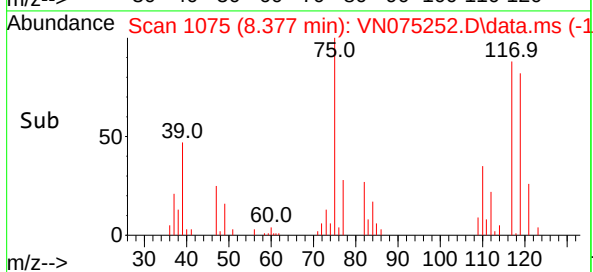
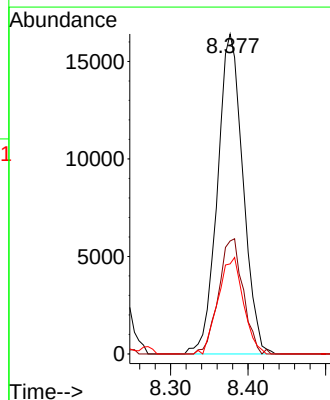
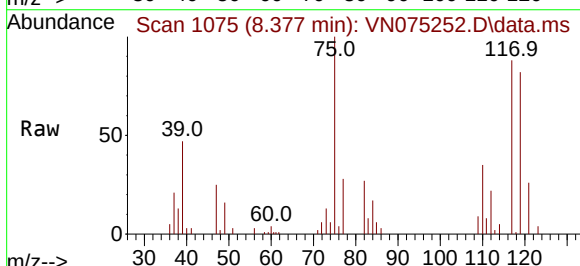
Tgt Ion: 75 Resp: 37567

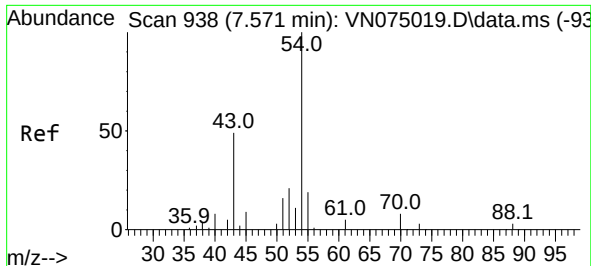
Ion Ratio Lower Upper

75 100

110 34.7 17.8 53.3

77 29.9 24.6 37.0





#37

Ethyl Acetate

Concen: 17.713 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

Tgt Ion: 43 Resp: 37150

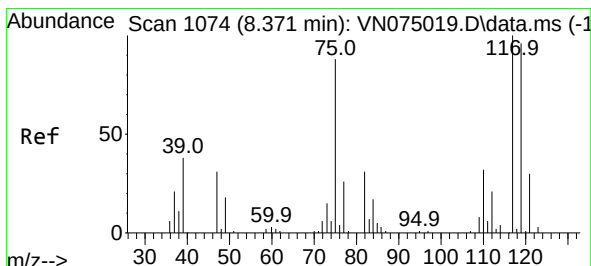
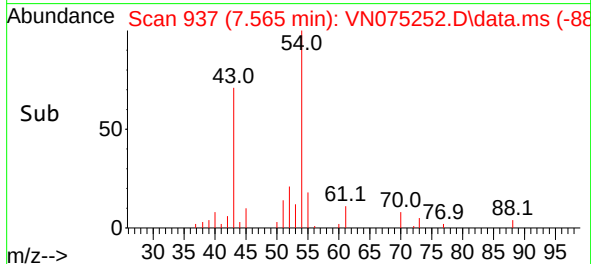
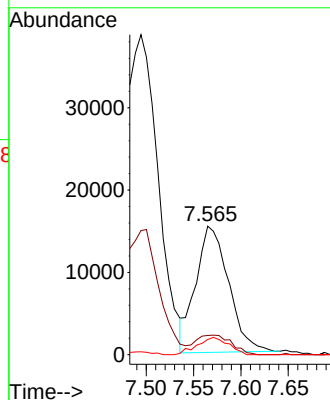
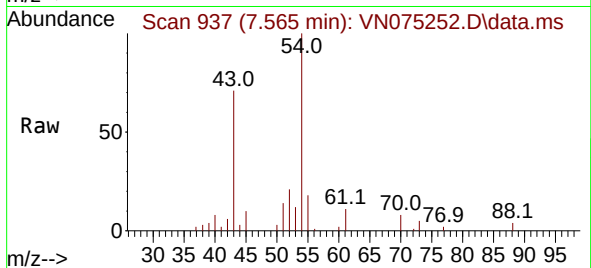
Ion	Ratio	Lower	Upper
43	100		
61	17.0	12.2	18.4
70	13.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#38

Carbon Tetrachloride

Concen: 19.946 ug/l

RT: 8.371 min Scan# 1074

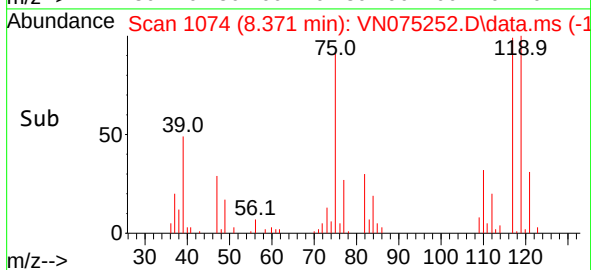
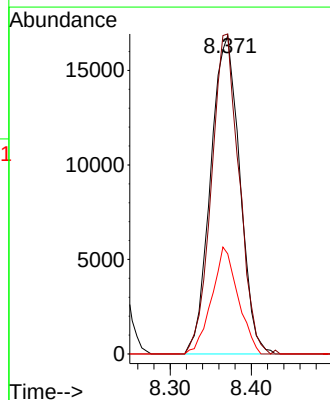
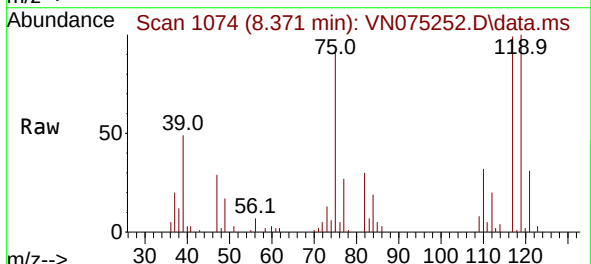
Delta R.T. -0.000 min

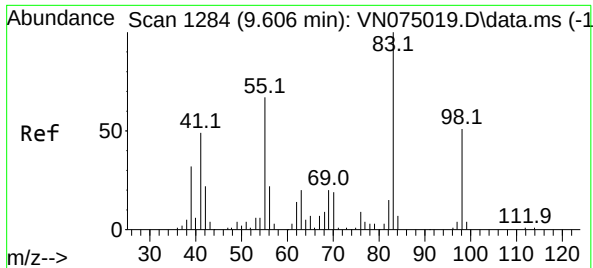
Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Tgt Ion: 117 Resp: 41961

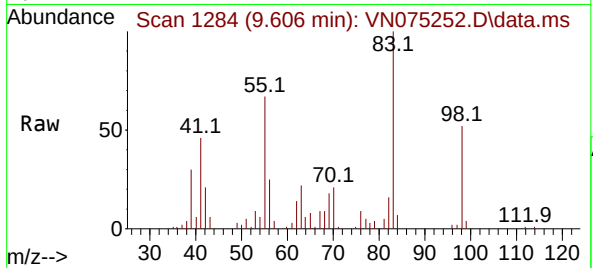
Ion	Ratio	Lower	Upper
117	100		
119	100.6	76.7	115.1
121	31.5	23.9	35.9





#39
Methylcyclohexane
Concen: 18.527 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

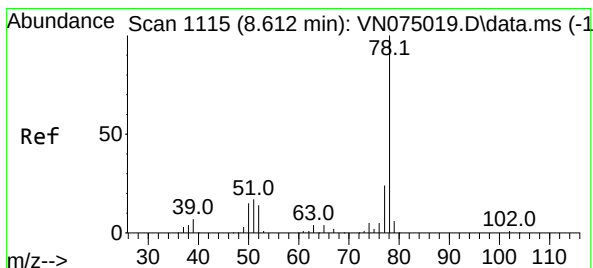
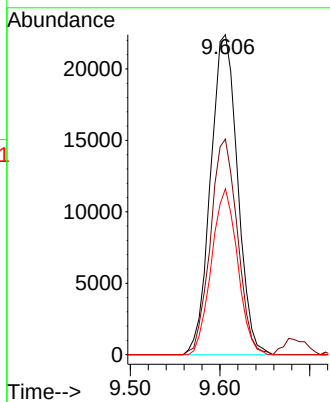
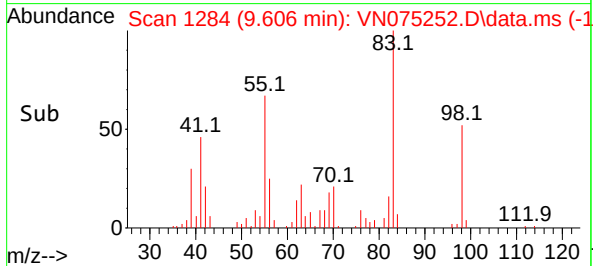
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



Tgt Ion: 83 Resp: 46778
Ion Ratio Lower Upper
83 100
55 67.4 53.6 80.4
98 51.9 41.1 61.7

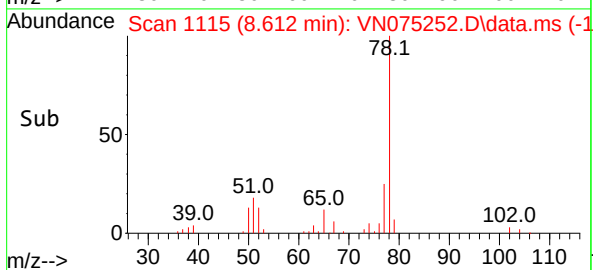
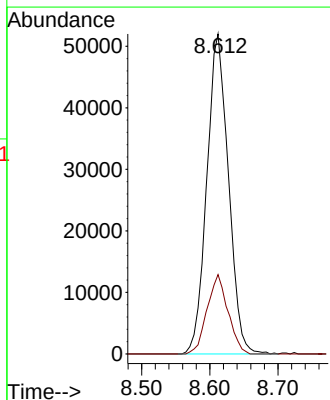
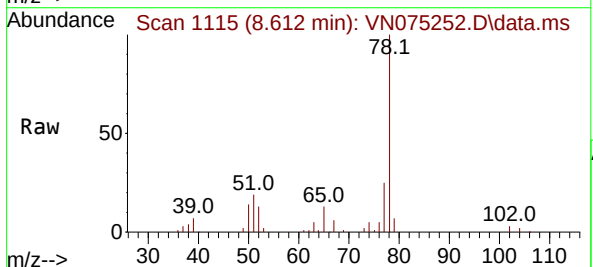
Manual Integrations
APPROVED

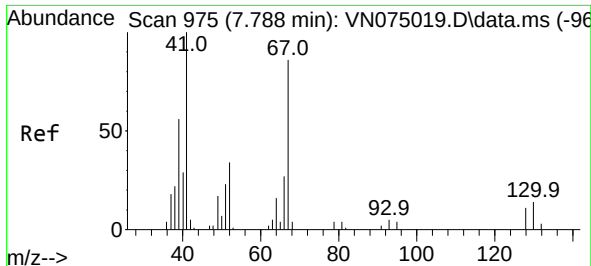
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#40
Benzene
Concen: 19.602 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 78 Resp: 114784
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 18.530 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

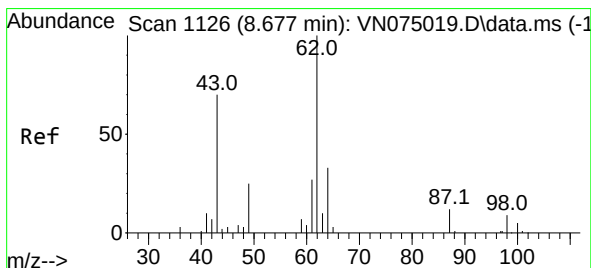
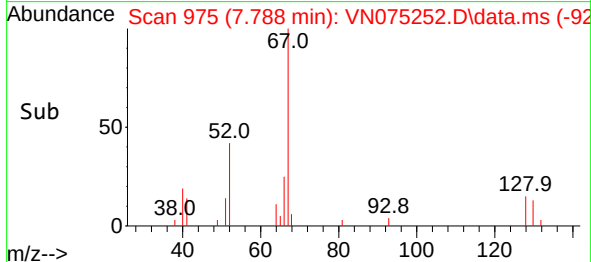
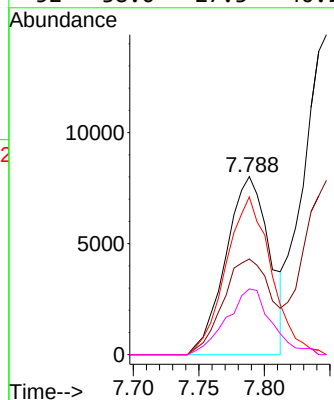
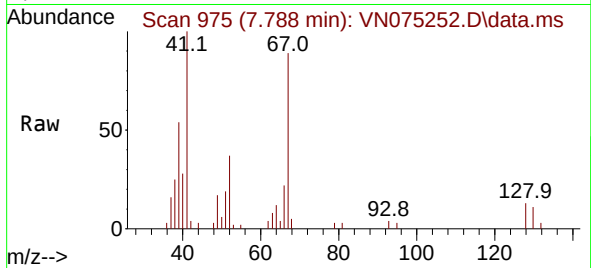
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 41 Resp: 18620

Ion	Ratio	Lower	Upper
41	100		
39	58.5	44.4	66.6
67	91.8	69.8	104.6
52	38.0	27.3	40.9

Manual Integrations
APPROVED

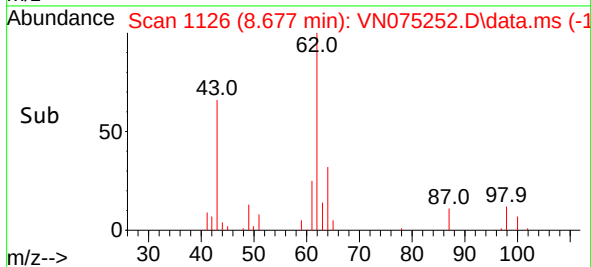
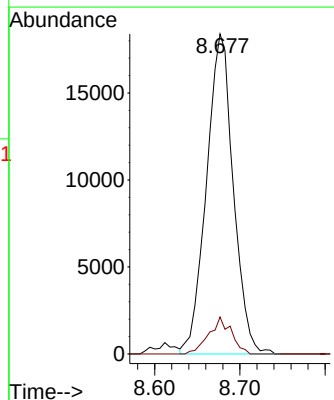
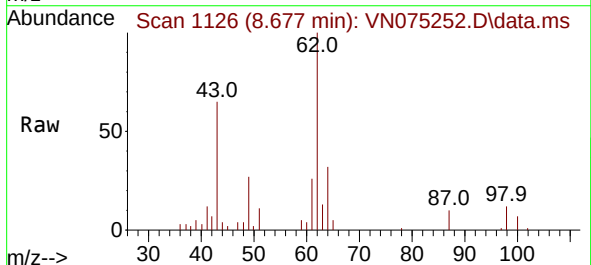
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

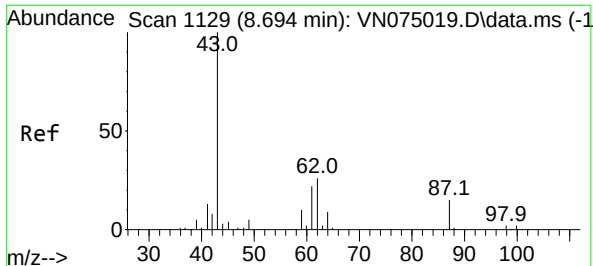


#42
1,2-Dichloroethane
Concen: 18.883 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 62 Resp: 40228

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





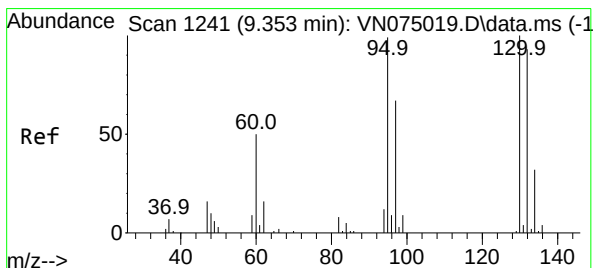
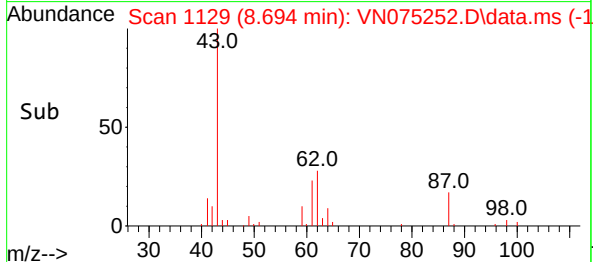
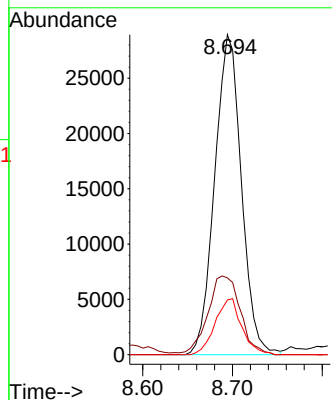
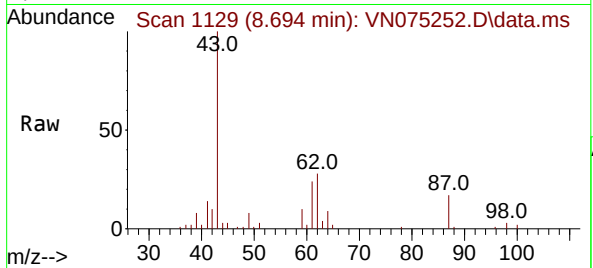
#43
Isopropyl Acetate
Concen: 18.391 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 43 Resp: 5983
Ion Ratio Lower Upper
43 100
61 29.8 22.4 33.6
87 17.4 12.5 18.7

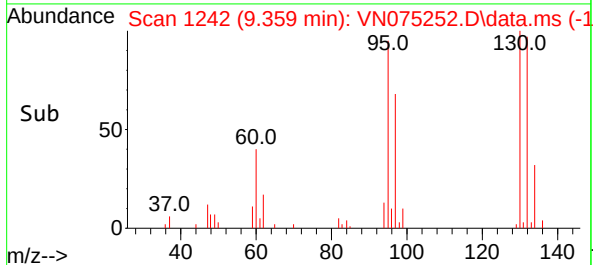
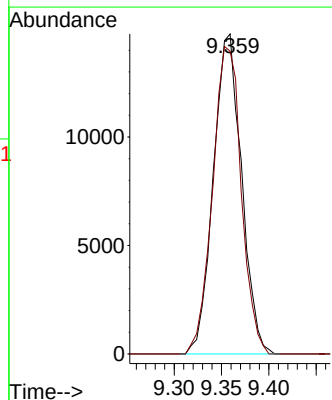
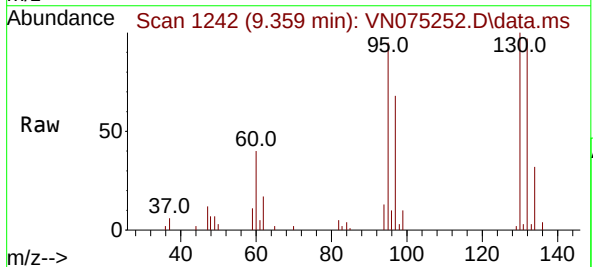
Manual Integrations
APPROVED

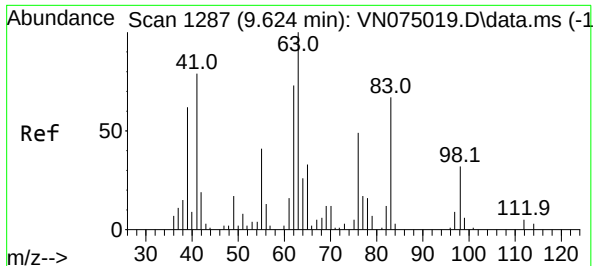
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#44
Trichloroethene
Concen: 20.762 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion:130 Resp: 30502
Ion Ratio Lower Upper
130 100
95 94.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.916 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

Tgt Ion: 63 Resp: 27754

Ion Ratio Lower Upper

63 100

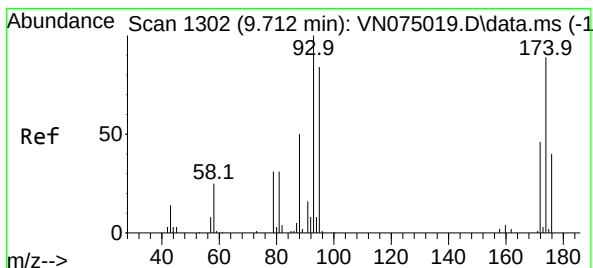
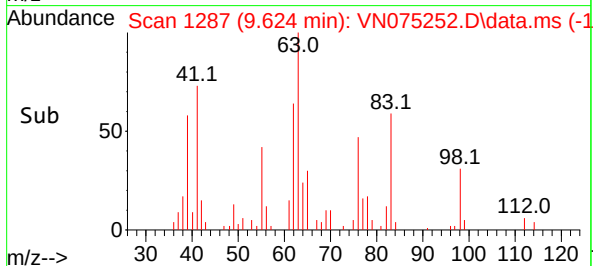
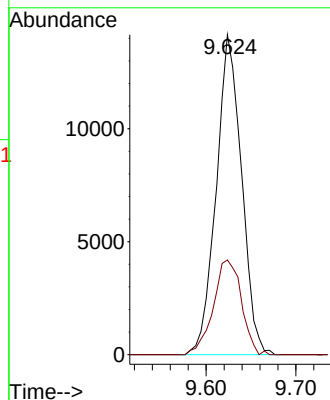
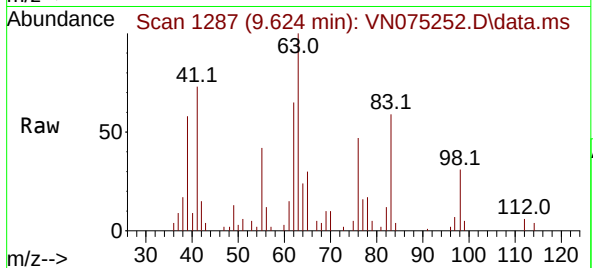
65 29.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#46

Dibromomethane

Concen: 19.381 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

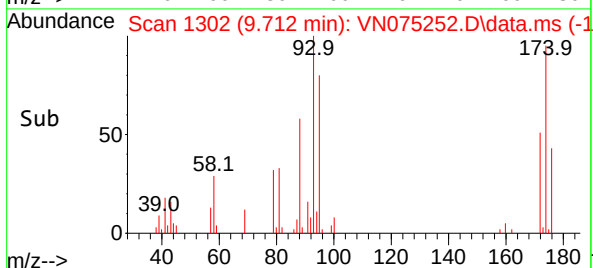
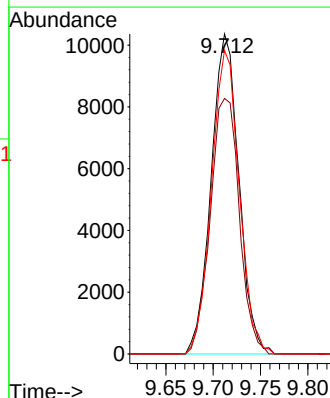
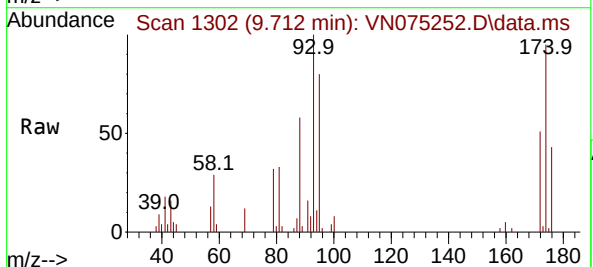
Tgt Ion: 93 Resp: 21042

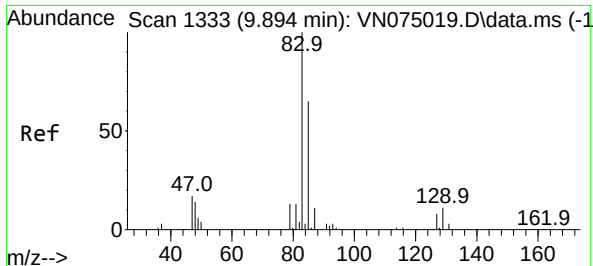
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 95.1 70.3 105.5





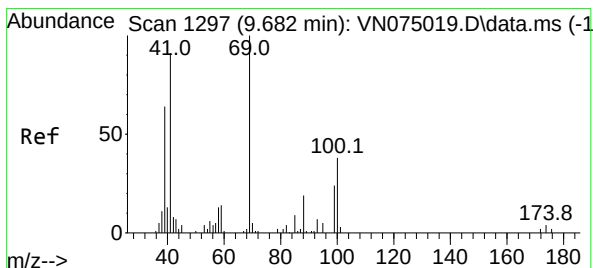
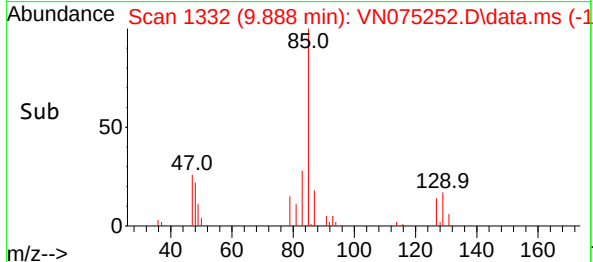
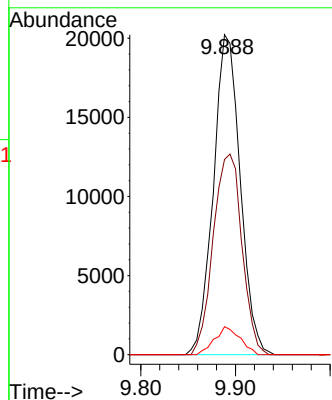
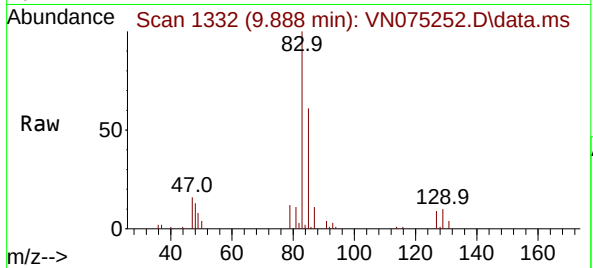
#47
Bromodichloromethane
Concen: 18.968 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 83 Resp: 39880
Ion Ratio Lower Upper
83 100
85 61.0 52.1 78.1
127 8.7 6.6 10.0

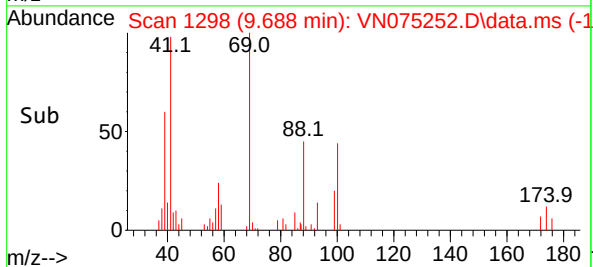
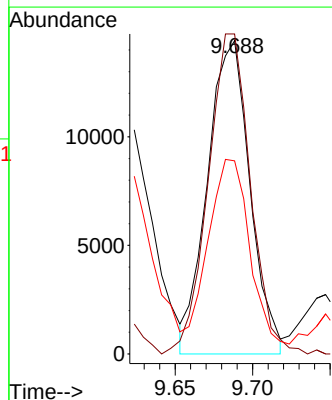
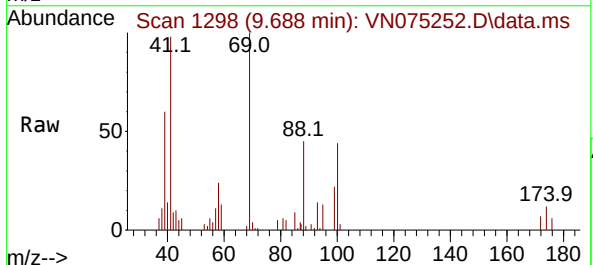
Manual Integrations
APPROVED

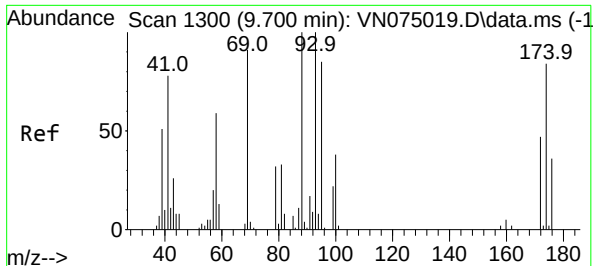
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#48
Methyl methacrylate
Concen: 18.407 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 41 Resp: 27470
Ion Ratio Lower Upper
41 100
69 102.0 80.2 120.2
39 63.3 56.2 84.2





#49

1,4-Dioxane

Concen: 466.750 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 88 Resp: 18240

Ion Ratio Lower Upper

88 100

43 15.4 17.5 26.3

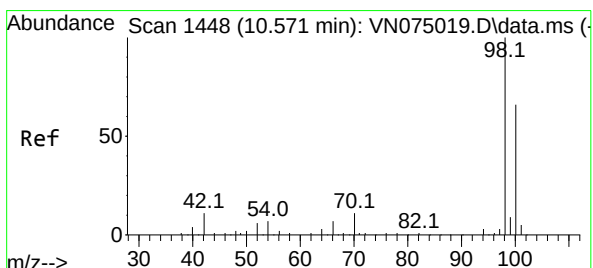
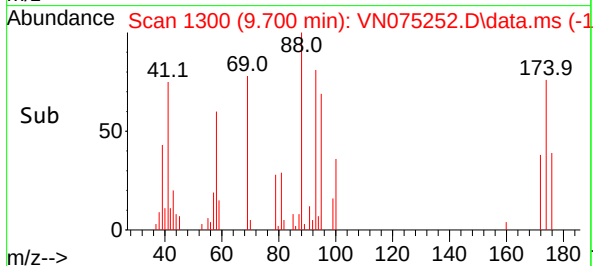
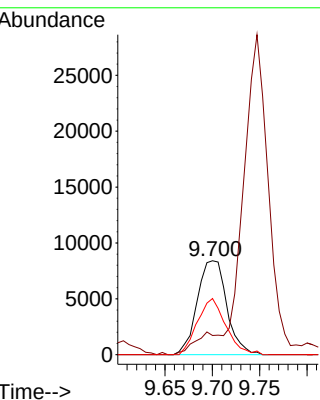
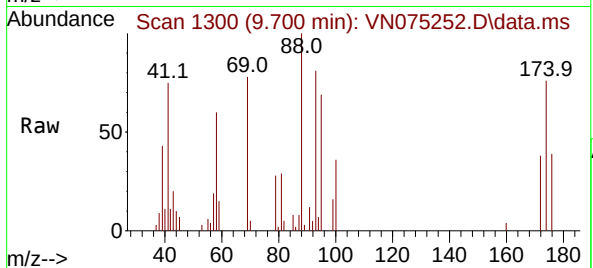
58 57.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

Toluene-d8

Concen: 48.528 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075252.D

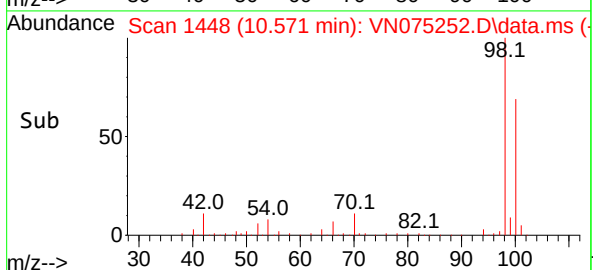
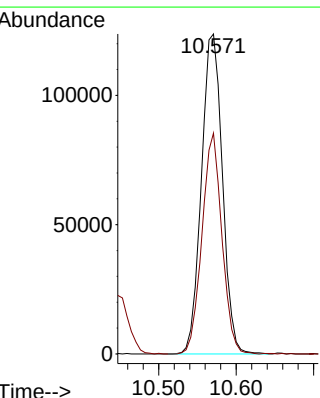
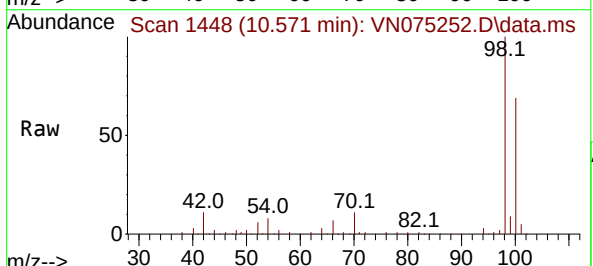
Acq: 11 Nov 2022 16:53

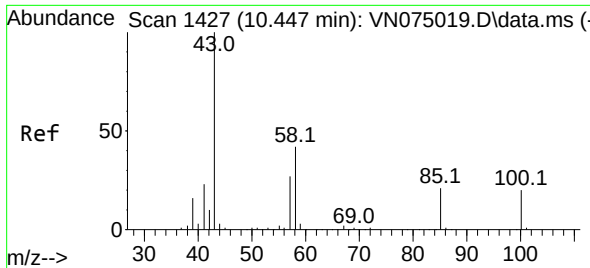
Tgt Ion: 98 Resp: 232578

Ion Ratio Lower Upper

98 100

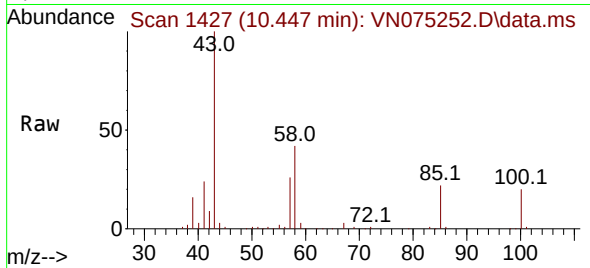
100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 95.565 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

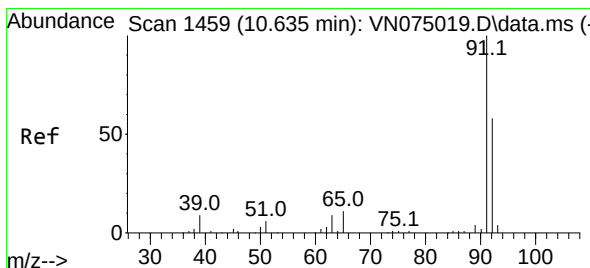
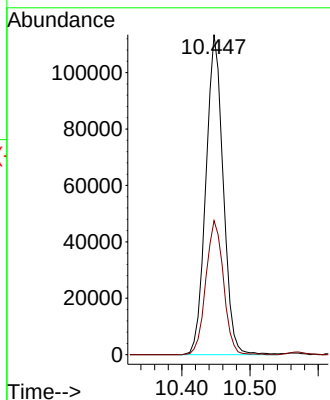
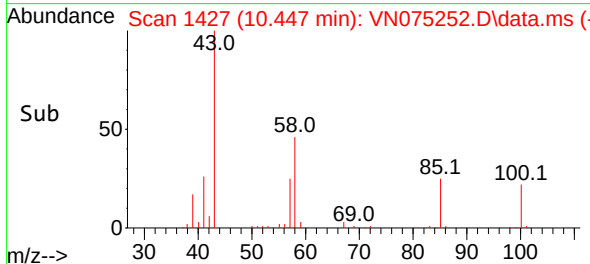
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



Tgt Ion: 43 Resp: 200628
Ion Ratio Lower Upper
43 100
58 42.6 33.6 50.4

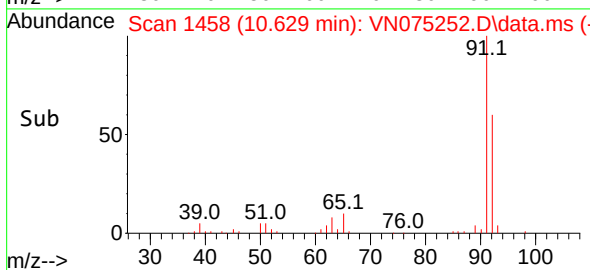
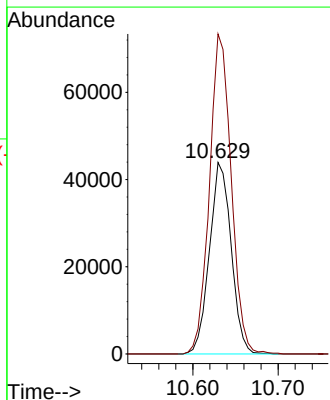
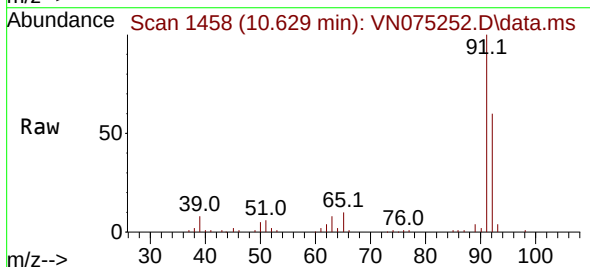
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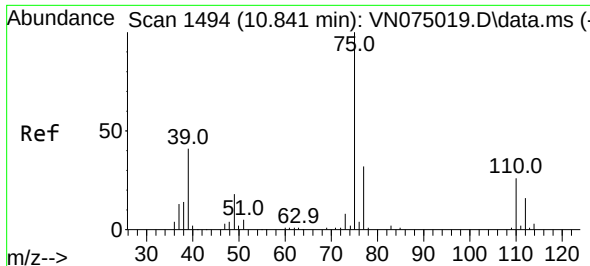
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
Toluene
Concen: 19.880 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion: 92 Resp: 77819
Ion Ratio Lower Upper
92 100
91 167.5 135.4 203.2





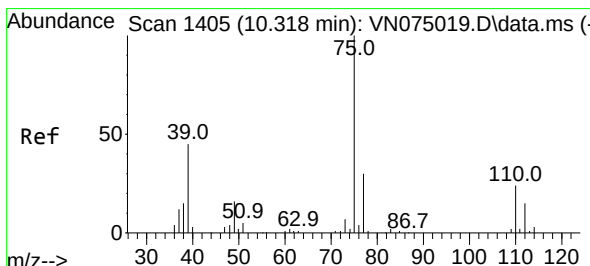
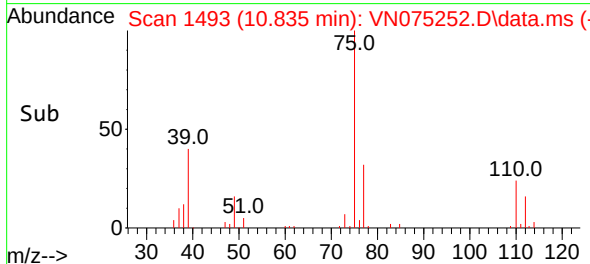
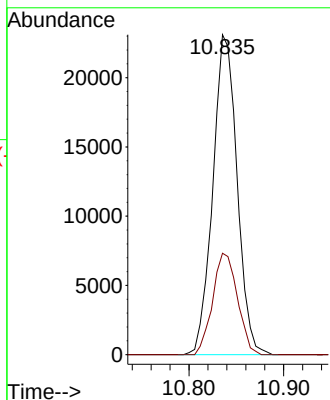
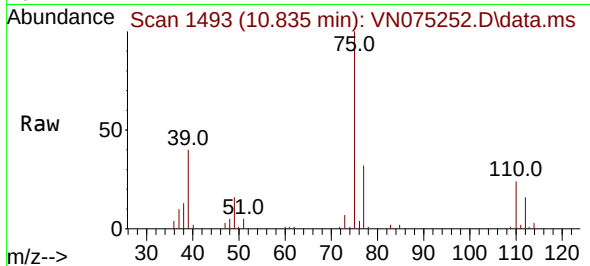
#53
 t-1,3-Dichloropropene
 Concen: 18.533 ug/l
 RT: 10.835 min Scan# 1412
 Delta R.T. -0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01

Tgt Ion: 75 Resp: 41129
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

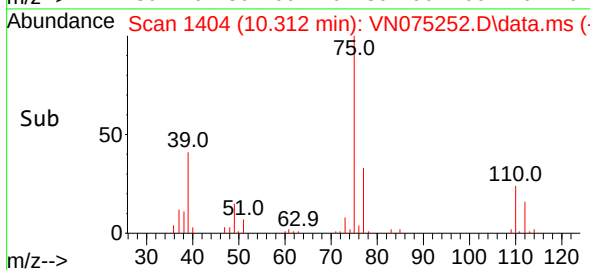
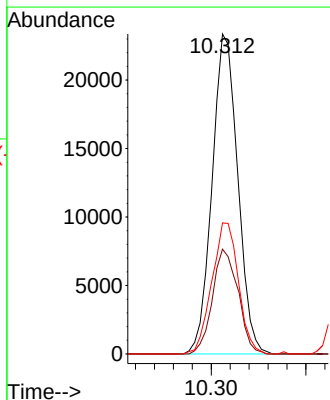
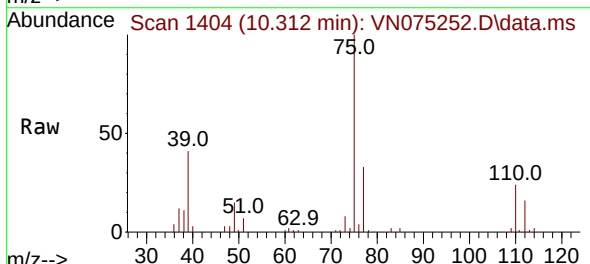
Manual Integrations
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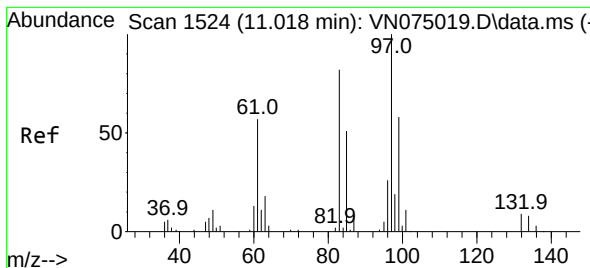
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.674 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

Tgt Ion: 75 Resp: 43953
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.7 35.5
 39 40.9 35.8 53.6





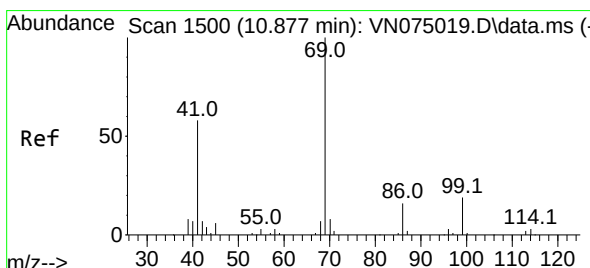
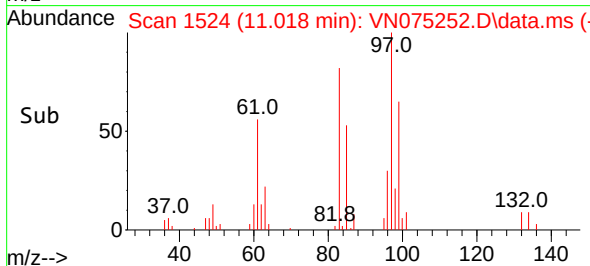
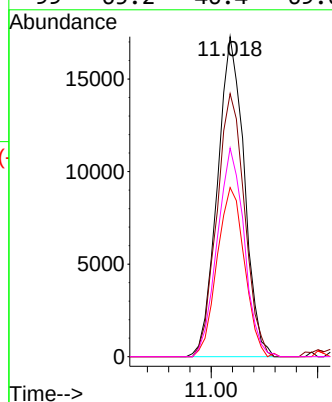
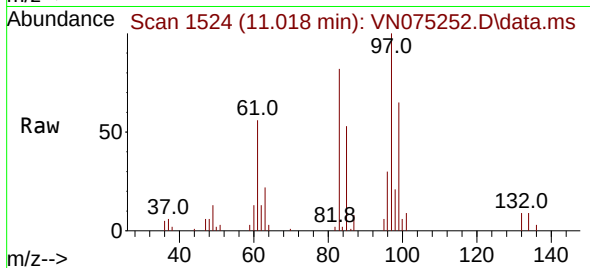
#55
1,1,2-Trichloroethane
Concen: 19.472 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.9	98.9
85	52.8	40.4	60.6
99	65.2	46.4	69.6

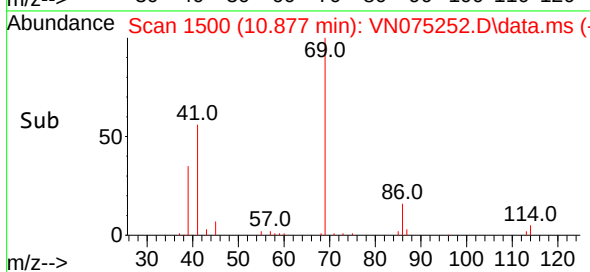
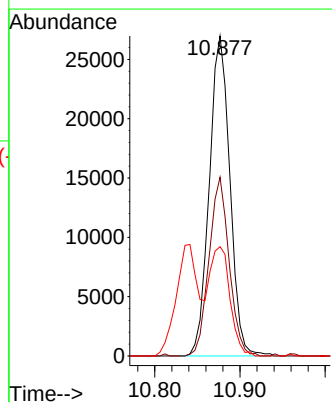
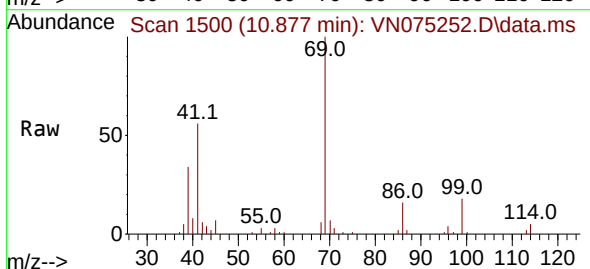
Manual Integrations
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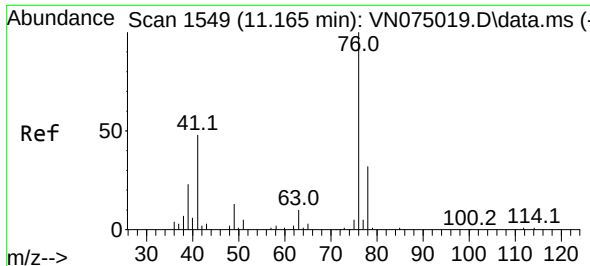
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#56
Ethyl methacrylate
Concen: 19.167 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.3	45.6	68.4
39	33.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.929 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

Tgt Ion: 76 Resp: 5151

Ion Ratio Lower Upper

76 100

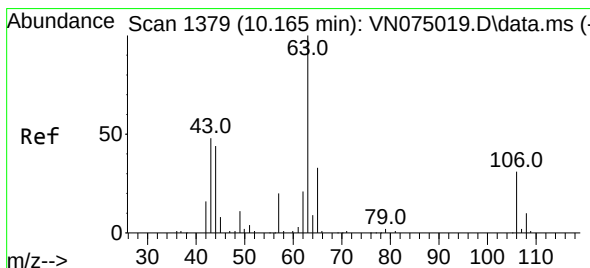
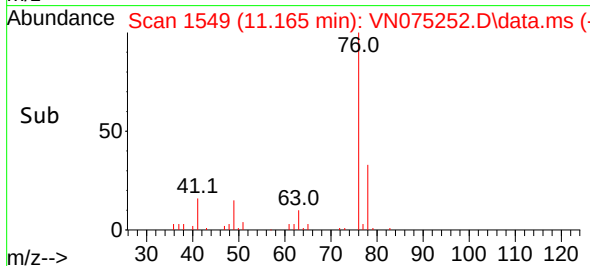
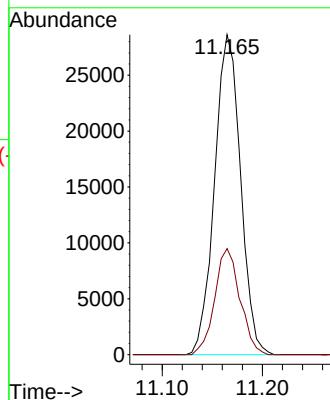
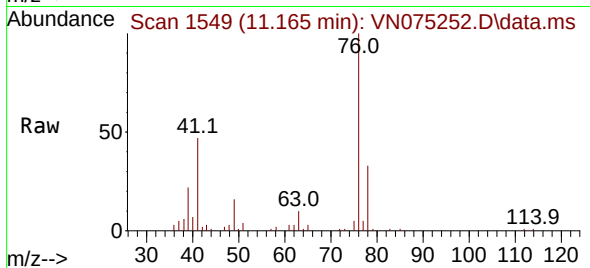
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.392 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075252.D

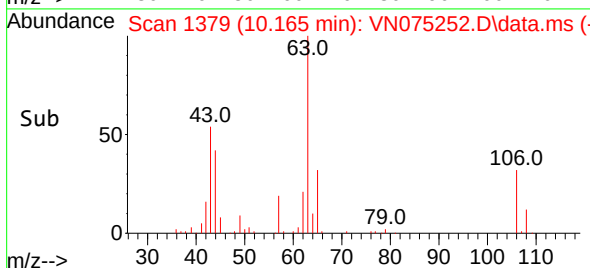
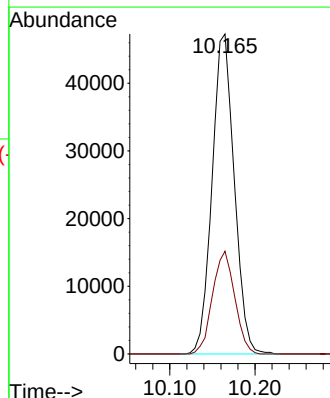
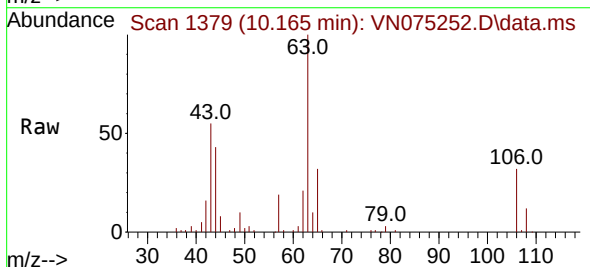
Acq: 11 Nov 2022 16:53

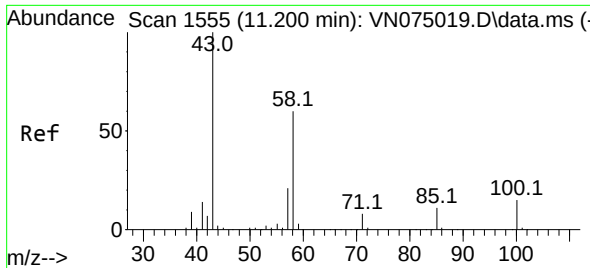
Tgt Ion: 63 Resp: 85479

Ion Ratio Lower Upper

63 100

106 32.2 24.8 37.2





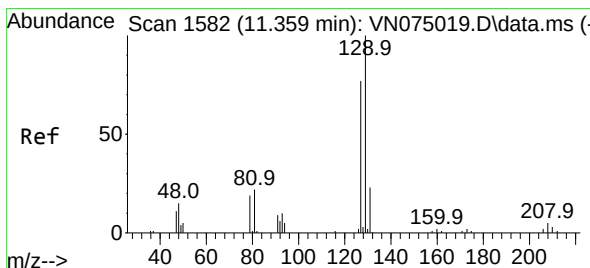
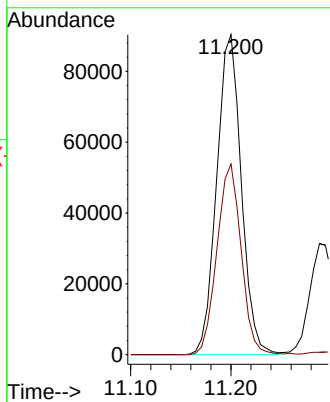
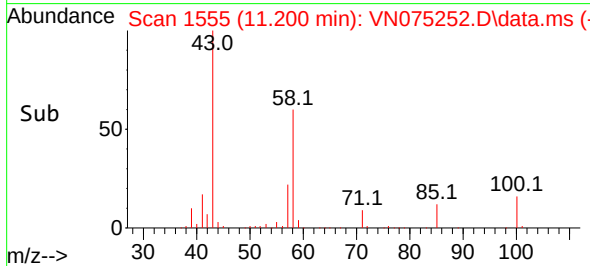
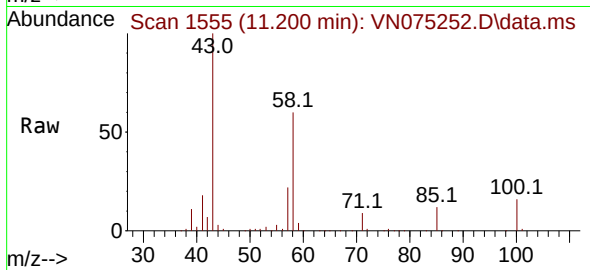
#59
2-Hexanone
Concen: 96.665 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 43 Resp: 15402
Ion Ratio Lower Upper
43 100
58 58.5 29.6 88.8

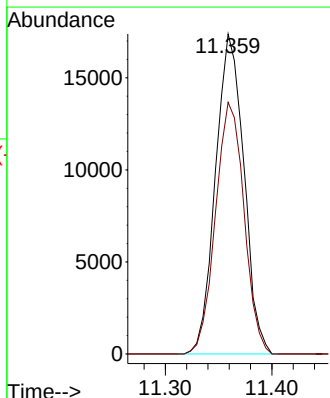
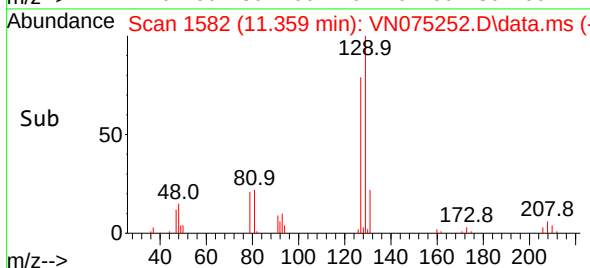
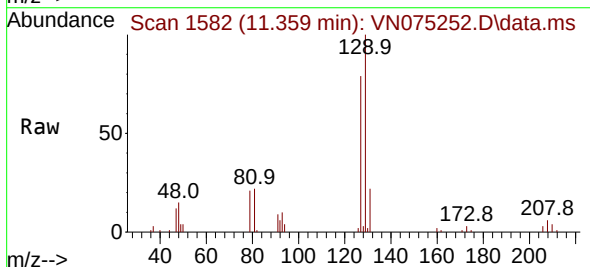
Manual Integrations
APPROVED

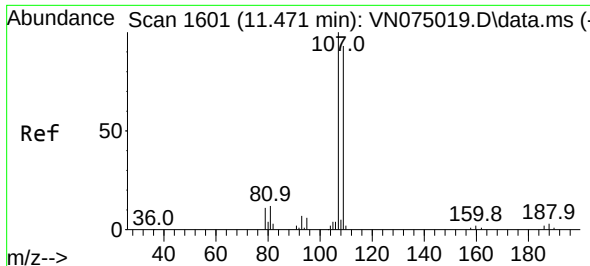
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
Dibromochloromethane
Concen: 19.593 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion:129 Resp: 32084
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8





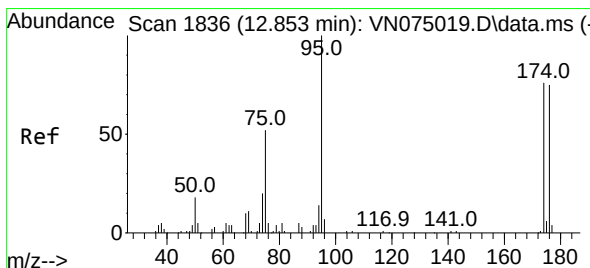
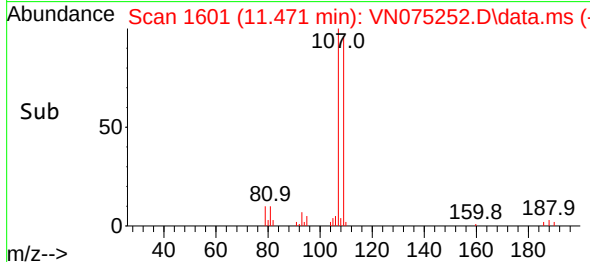
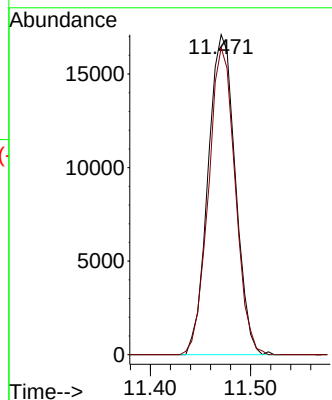
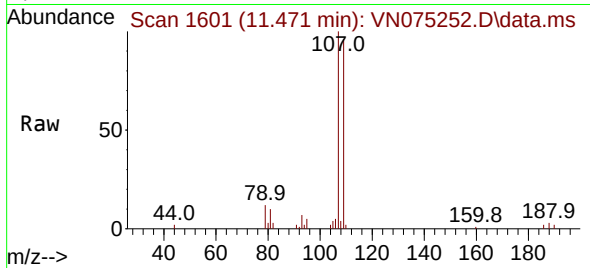
#61
1,2-Dibromoethane
Concen: 20.347 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion:107 Resp: 3236
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

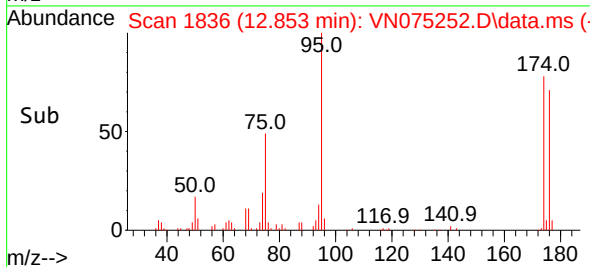
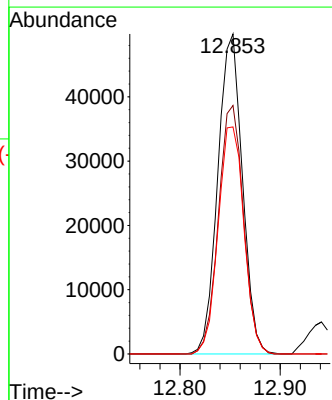
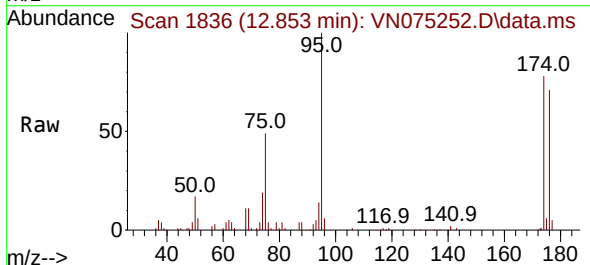
Manual Integrations
APPROVED

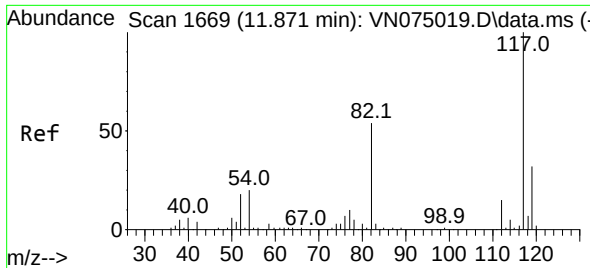
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#62
4-Bromofluorobenzene
Concen: 50.393 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

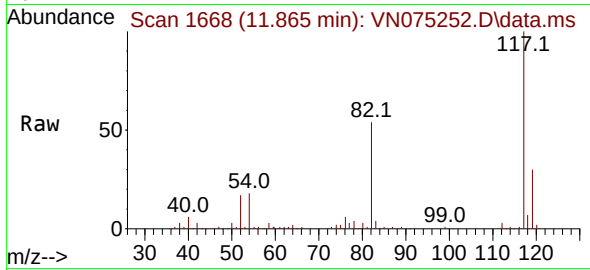
Tgt Ion: 95 Resp: 84841
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.4
176 74.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

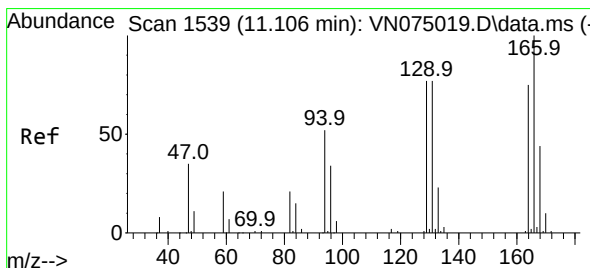
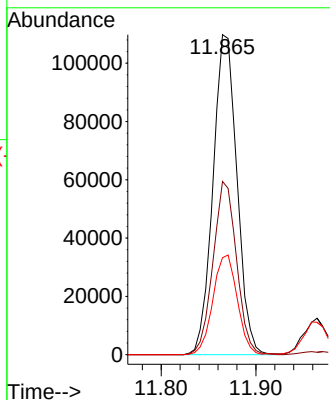
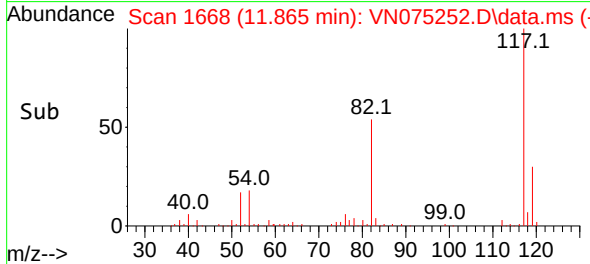
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



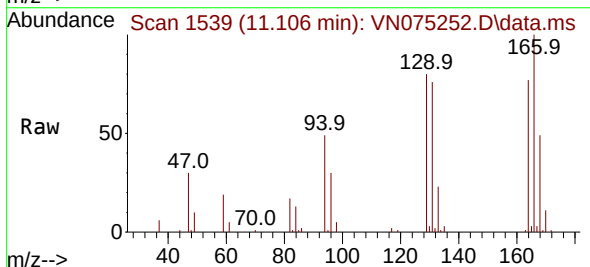
Tgt Ion:117 Resp: 19343
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 30.3 25.5 38.3

Manual Integrations
APPROVED

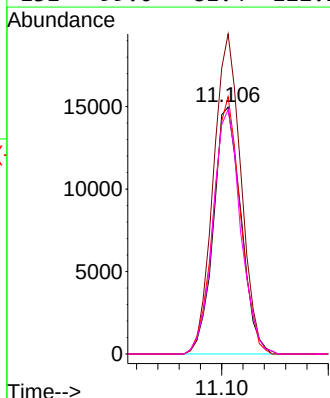
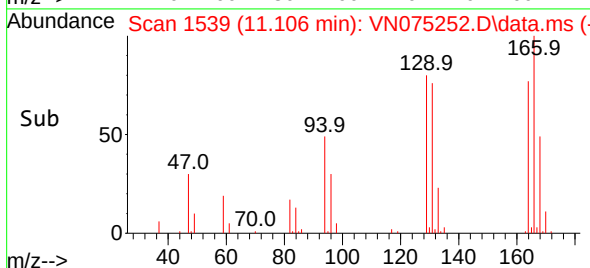
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

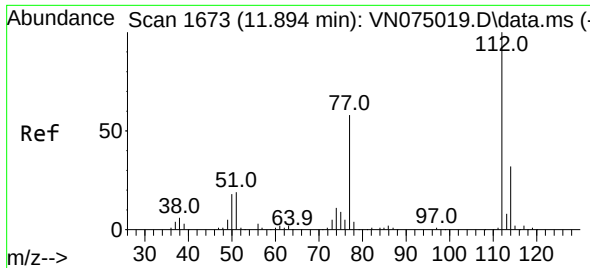


#64
Tetrachloroethene
Concen: 22.598 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



Tgt Ion:164 Resp: 26799
Ion Ratio Lower Upper
164 100
166 129.6 106.5 159.7
129 104.2 81.9 122.9
131 99.0 81.4 122.2





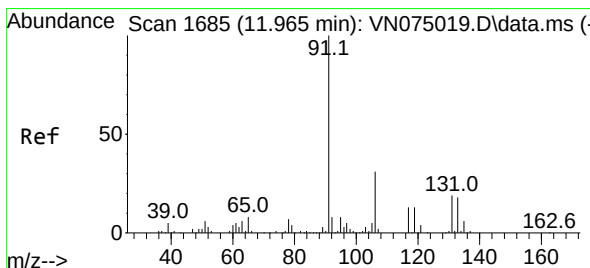
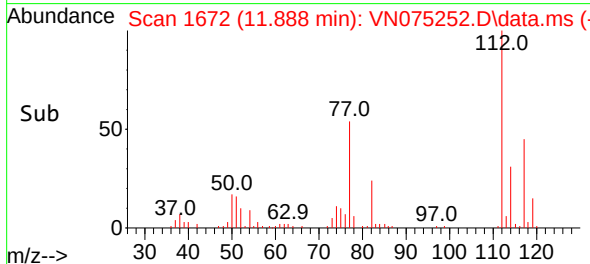
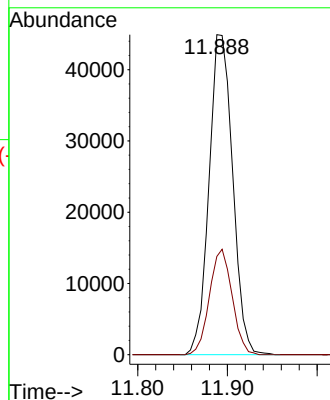
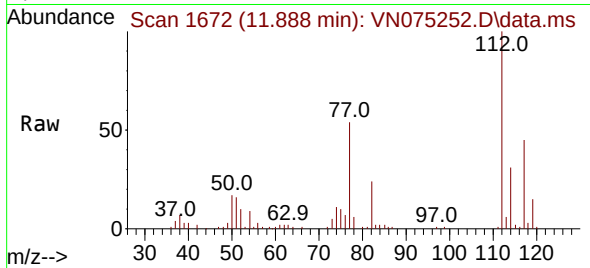
#65
Chlorobenzene
Concen: 19.896 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion:112 Resp: 82140
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

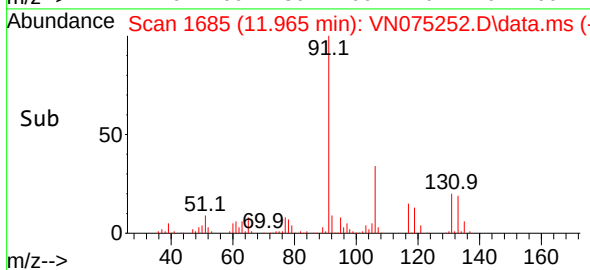
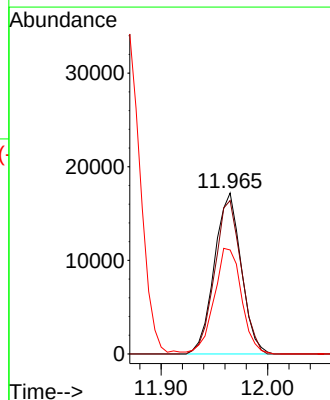
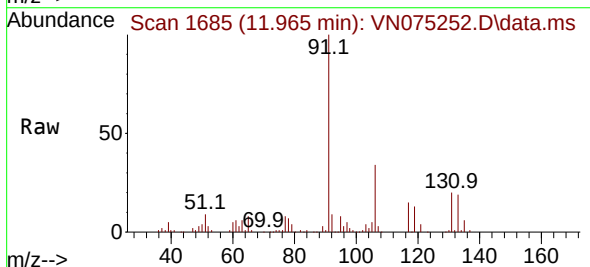
Manual Integrations
APPROVED

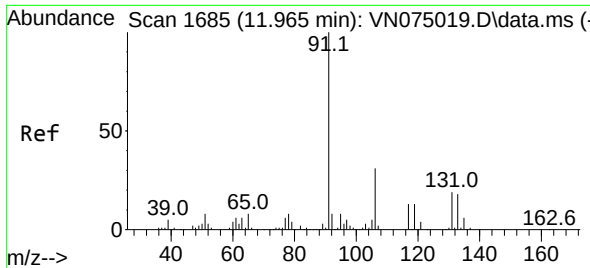
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.663 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

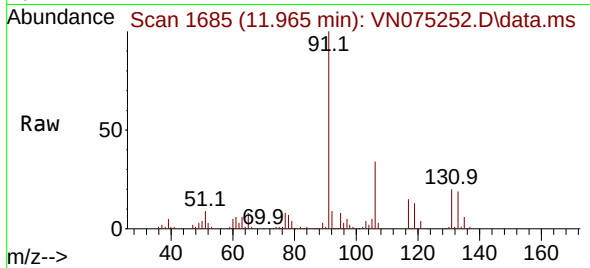
Tgt Ion:131 Resp: 30116
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 67.1 33.0 99.0





#67
Ethyl Benzene
Concen: 19.272 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

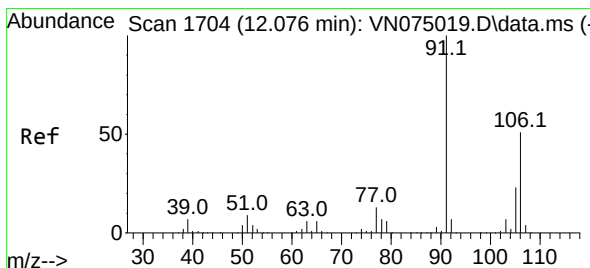
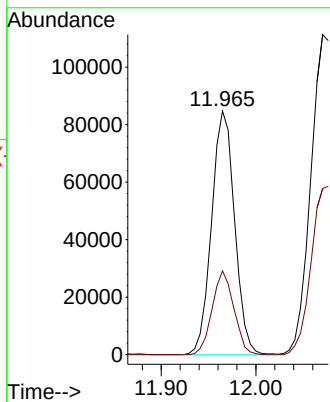
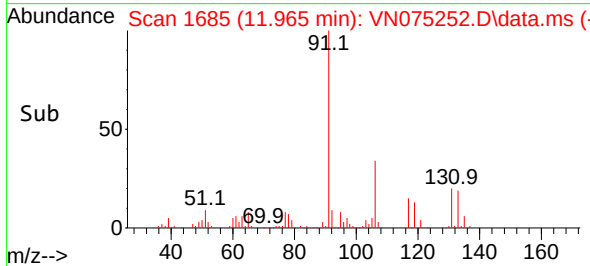
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



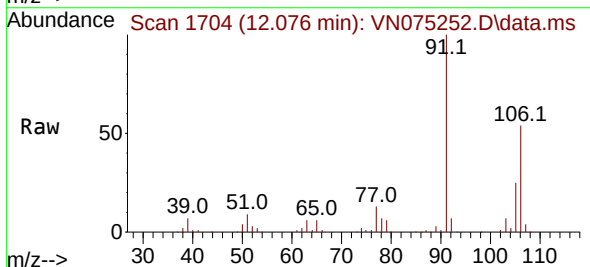
Tgt Ion: 91 Resp: 143159
Ion Ratio Lower Upper
91 100
106 34.4 24.9 37.3

Manual Integrations
APPROVED

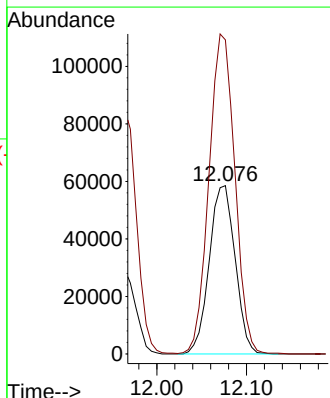
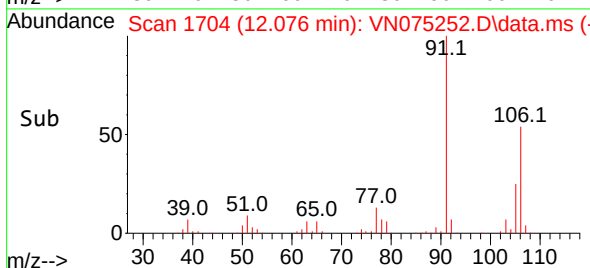
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

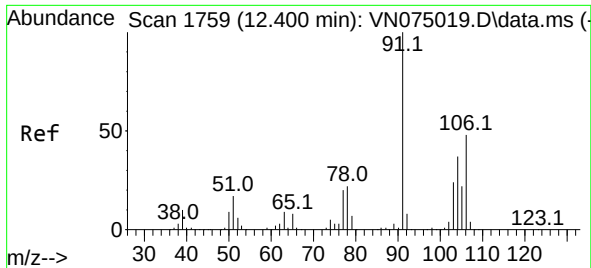


#68
m/p-Xylenes
Concen: 39.293 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



Tgt Ion:106 Resp: 117116
Ion Ratio Lower Upper
106 100
91 190.7 156.0 234.0





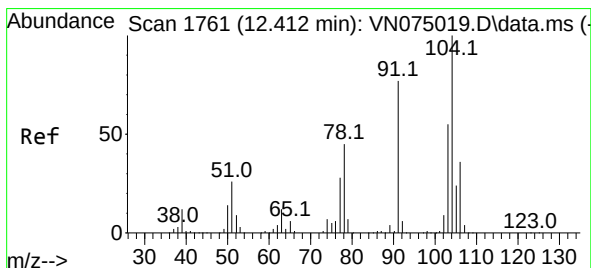
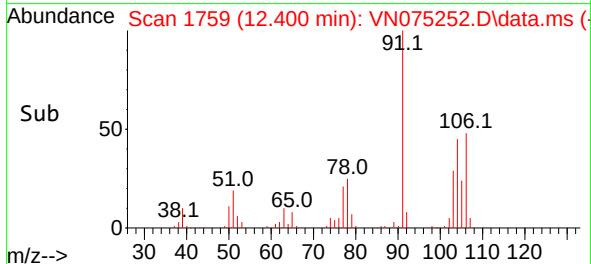
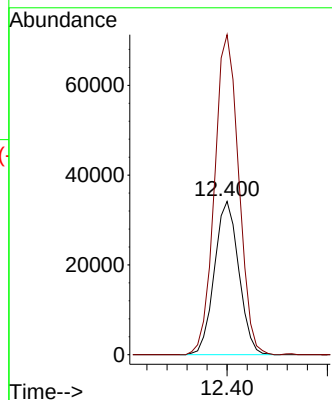
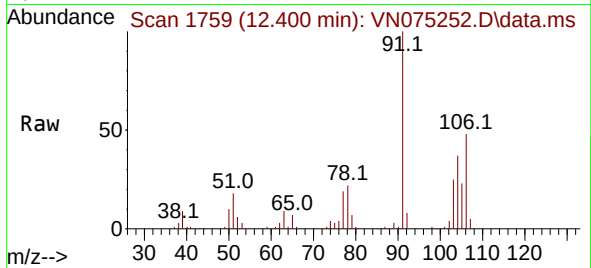
#69
o-Xylene
Concen: 19.558 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion:106 Resp: 57650
Ion Ratio Lower Upper
106 100
91 207.0 105.2 315.5

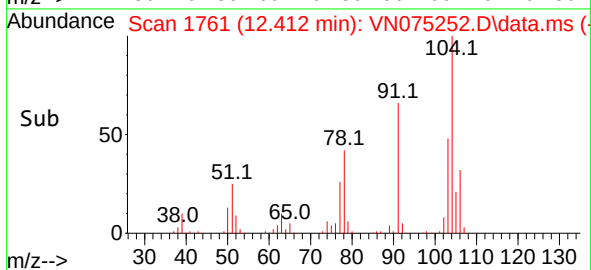
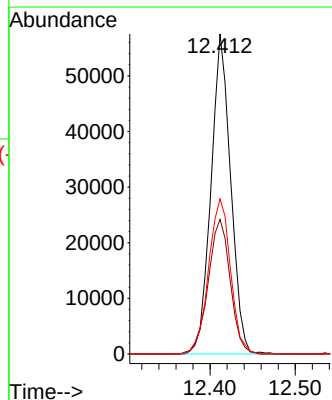
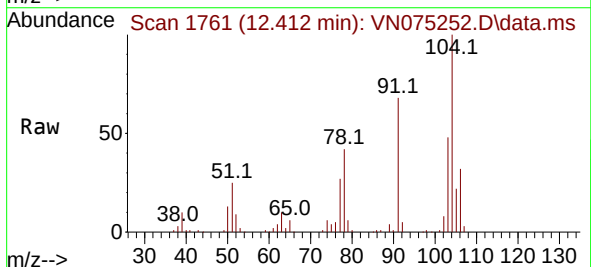
Manual Integrations
APPROVED

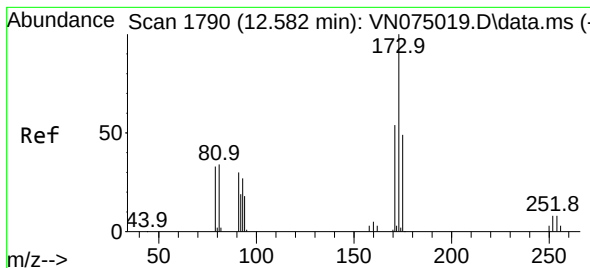
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Styrene
Concen: 19.637 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Tgt Ion:104 Resp: 92296
Ion Ratio Lower Upper
104 100
78 47.1 38.1 57.1
103 53.9 44.6 66.8





#71

Bromoform

Concen: 20.102 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

Tgt Ion:173 Resp: 2305

Ion Ratio Lower Upper

173 100

175 45.9 24.6 74.0

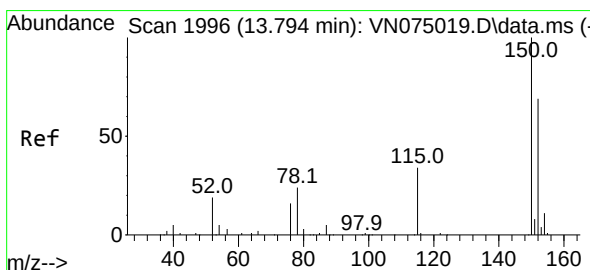
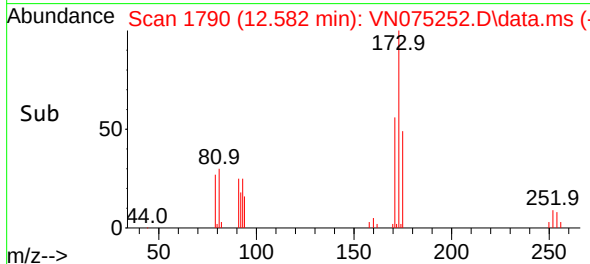
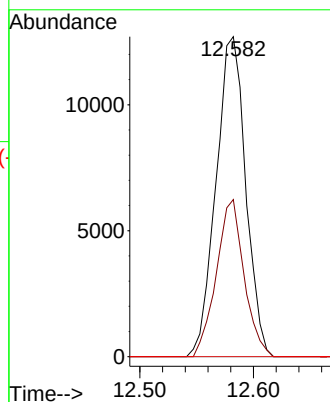
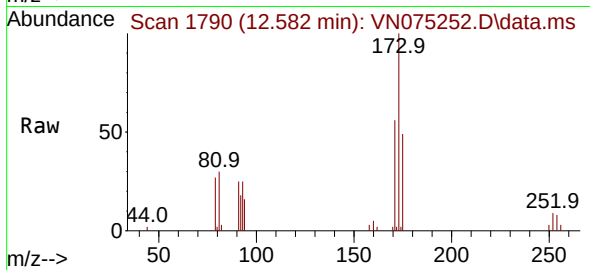
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

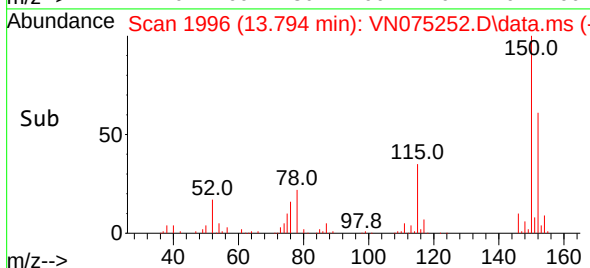
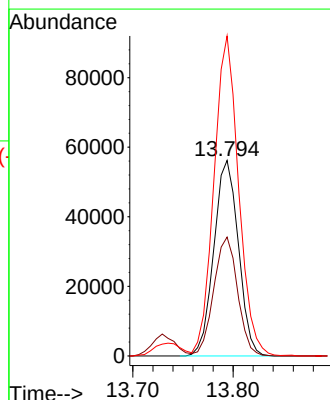
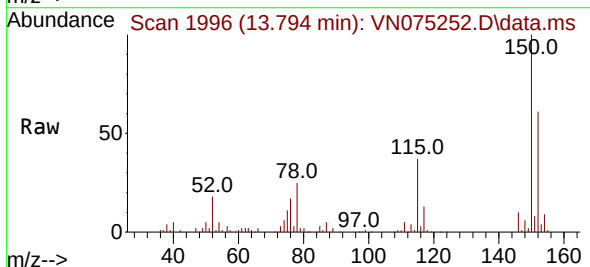
Tgt Ion:152 Resp: 95366

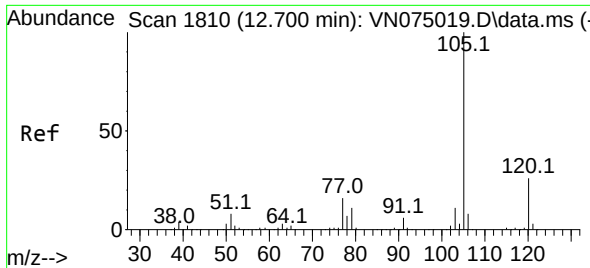
Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

150 164.5 0.0 348.4





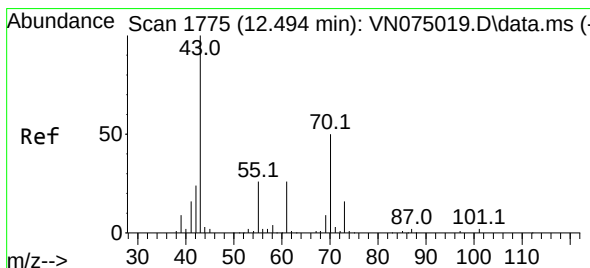
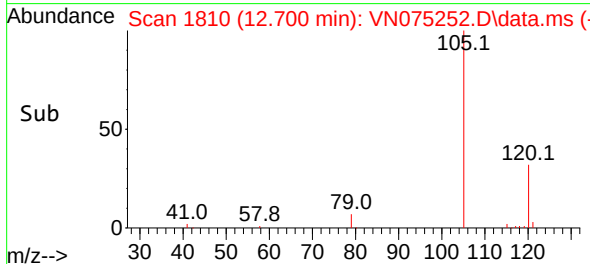
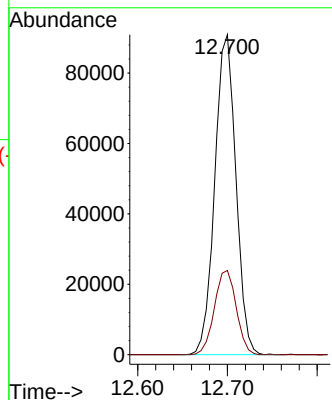
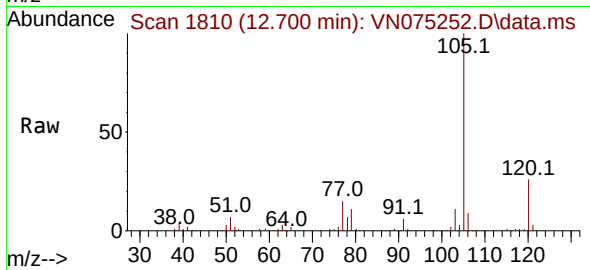
#73
Isopropylbenzene
Concen: 19.378 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion:105 Resp: 148360
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

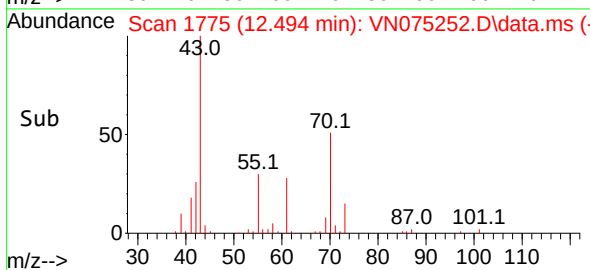
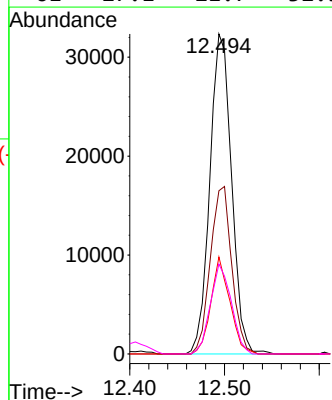
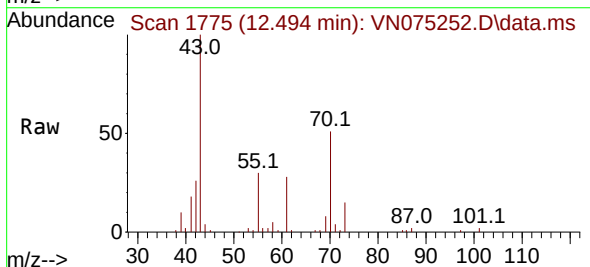
Manual Integrations
APPROVED

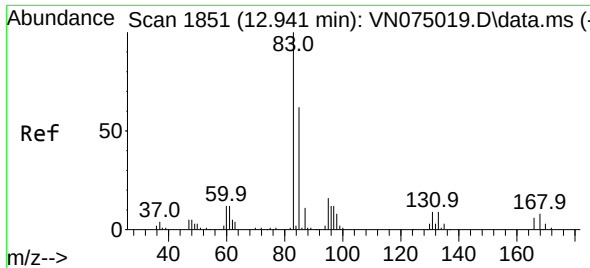
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#74
N-ethyl acetate
Concen: 18.198 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

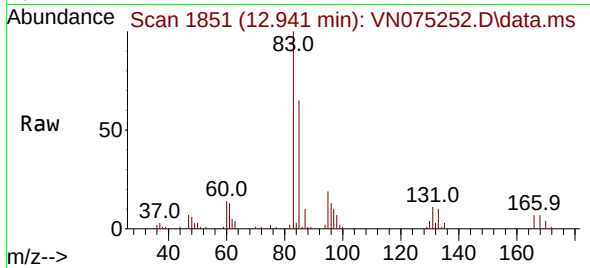
Tgt Ion: 43 Resp: 51531
Ion Ratio Lower Upper
43 100
70 51.6 39.8 59.8
55 26.4 19.9 29.9
61 27.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.991 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

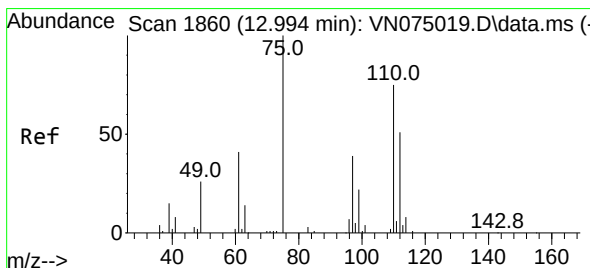
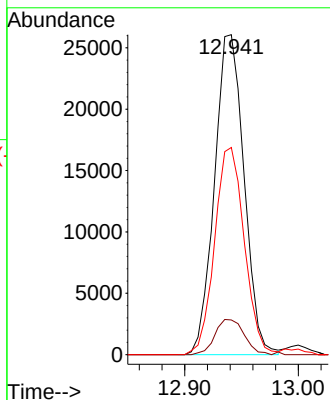
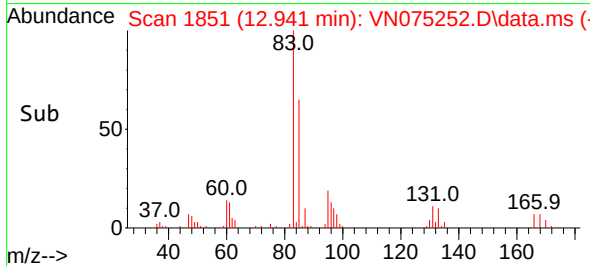
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



Tgt Ion: 83 Resp: 47158
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.8 31.6 94.7

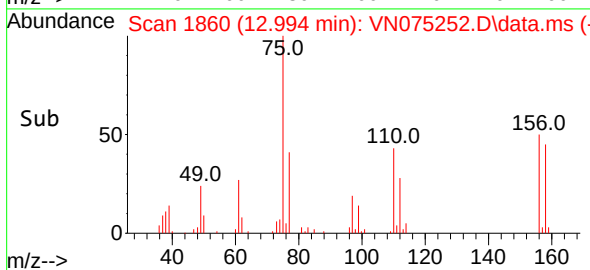
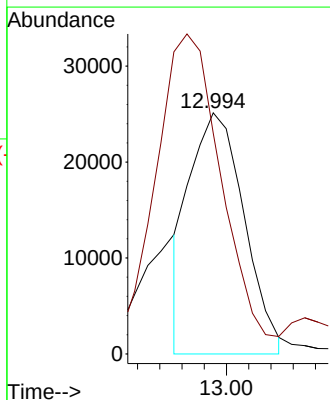
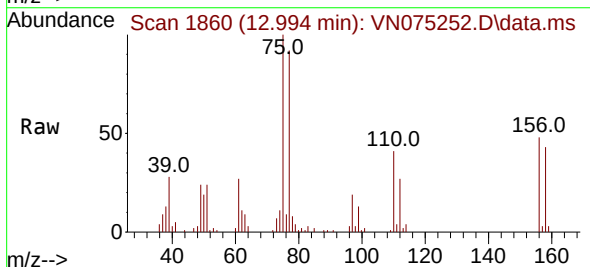
Manual Integrations
APPROVED

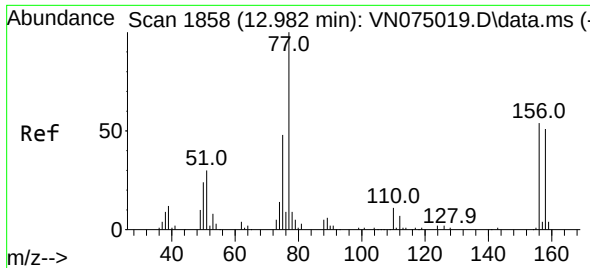
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,2,3-Trichloropropane
Concen: 21.126 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

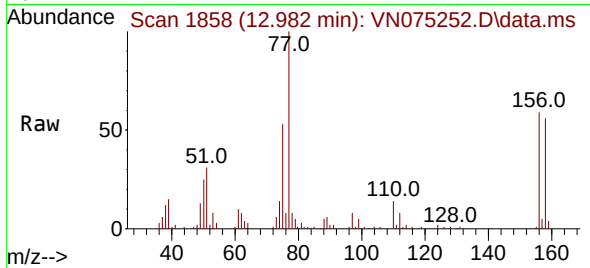
Tgt Ion: 75 Resp: 42777
Ion Ratio Lower Upper
75 100
77 163.1 75.6 226.8





#77
Bromobenzene
Concen: 20.714 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

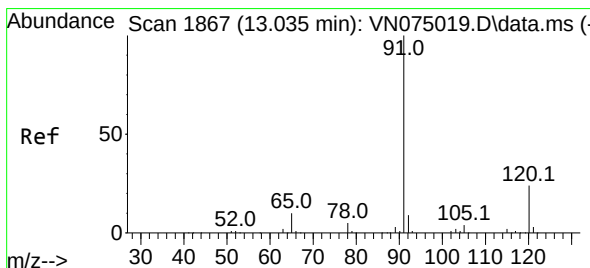
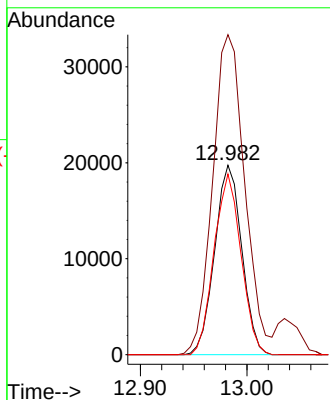
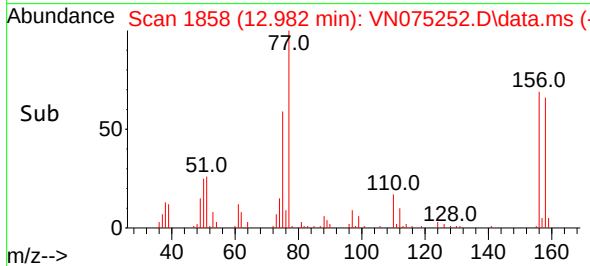
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



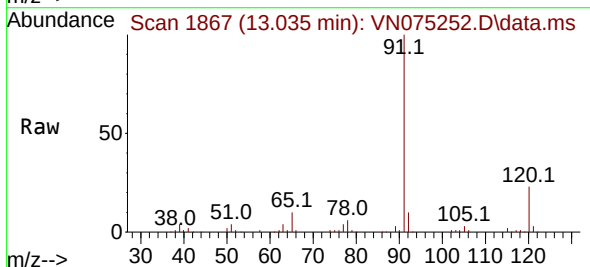
Tgt Ion:156 Resp: 34919
Ion Ratio Lower Upper
156 100
77 199.8 108.5 325.5
158 94.9 47.7 143.1

Manual Integrations
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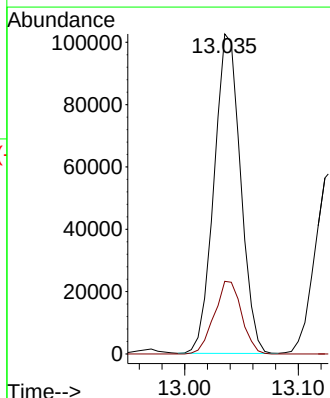
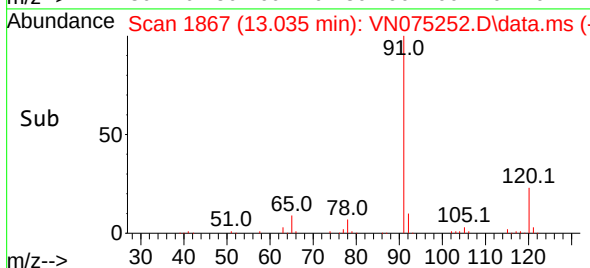
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

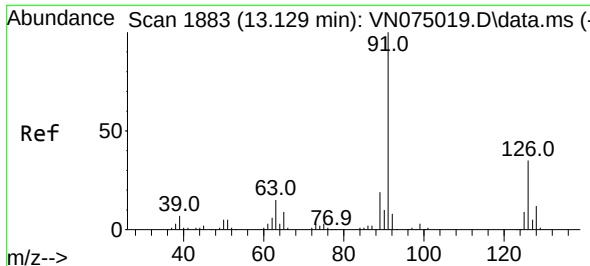


#78
n-propylbenzene
Concen: 19.341 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



Tgt Ion: 91 Resp: 166248
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





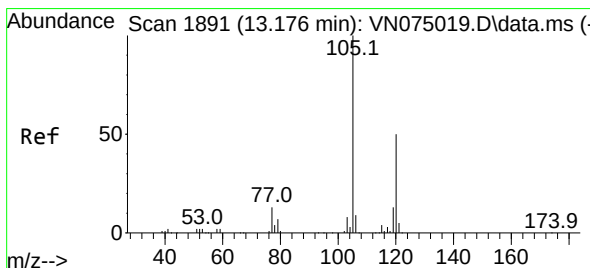
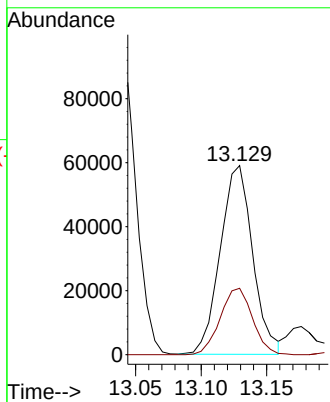
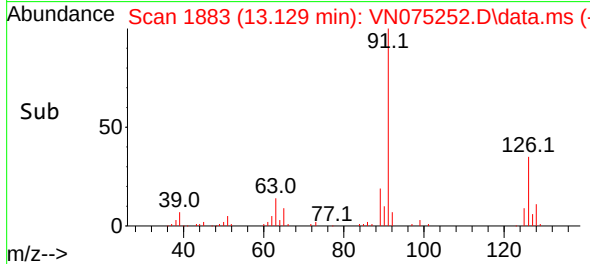
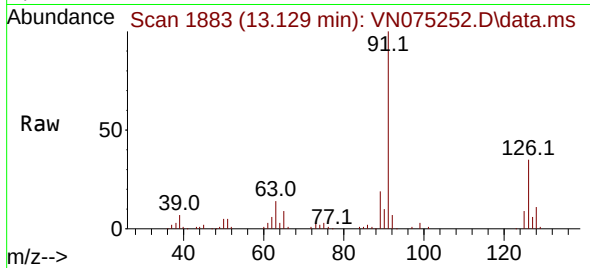
#79
2-Chlorotoluene
Concen: 19.366 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 91 Resp: 10172
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7

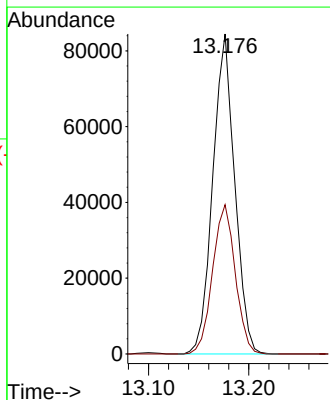
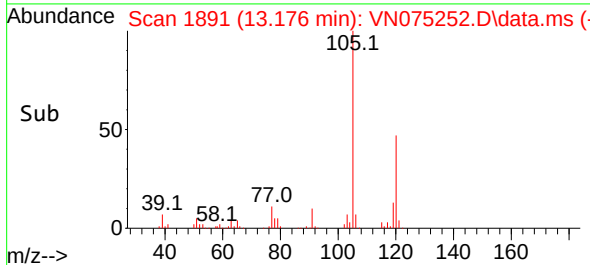
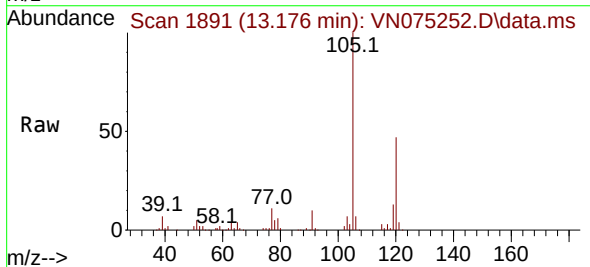
Manual Integrations
APPROVED

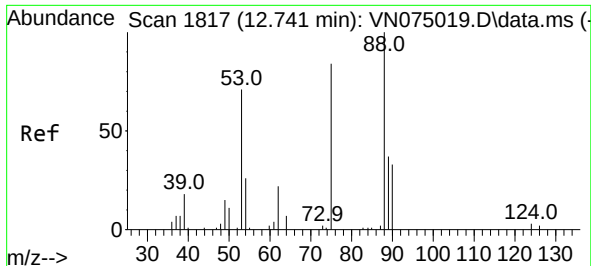
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.947 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

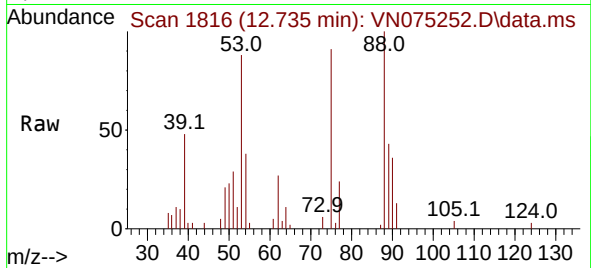
Tgt Ion:105 Resp: 128269
Ion Ratio Lower Upper
105 100
120 48.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.307 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

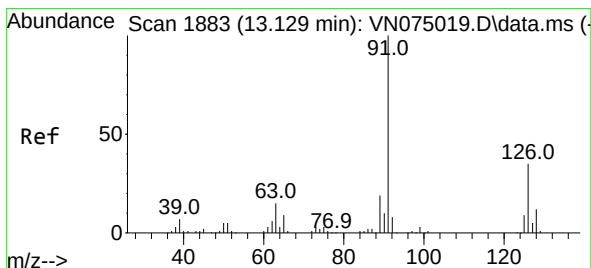
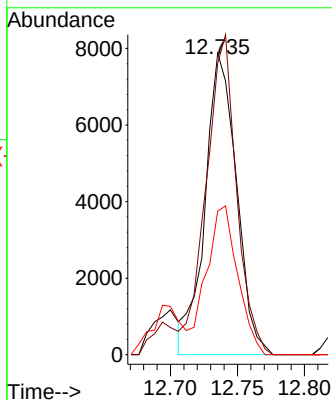
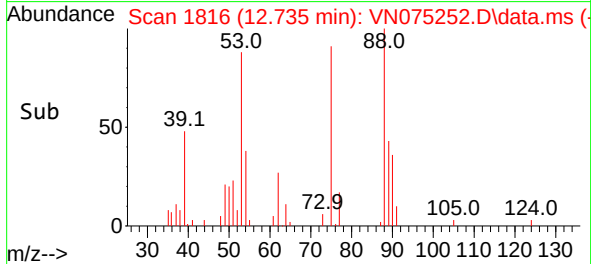
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



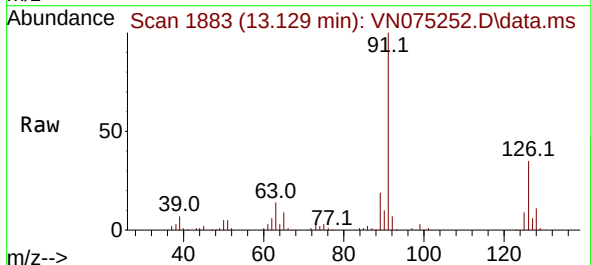
Tgt Ion: 75 Resp: 1286
Ion Ratio Lower Upper
75 100
53 102.4 78.5 117.7
89 49.2 37.7 56.5

Manual Integrations
APPROVED

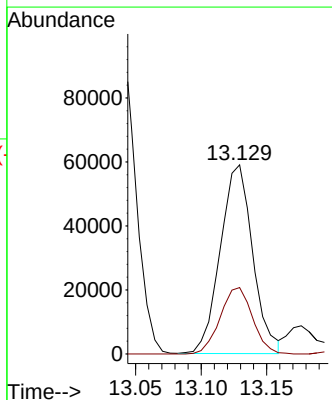
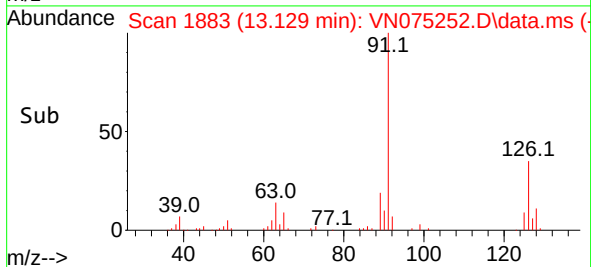
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

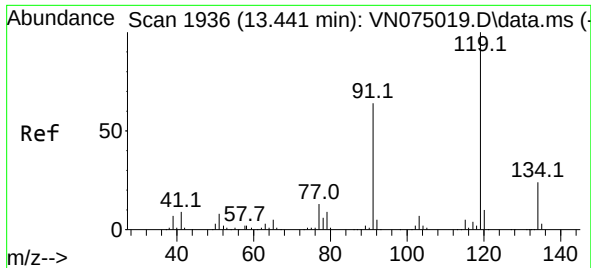


#82
4-Chlorotoluene
Concen: 19.366 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



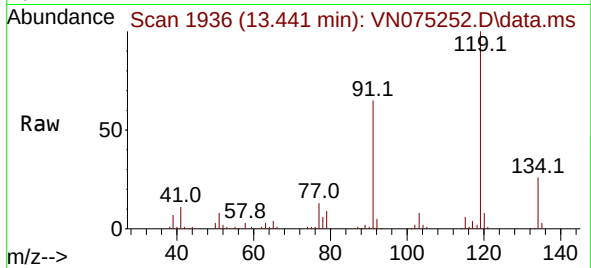
Tgt Ion: 91 Resp: 101721
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.499 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

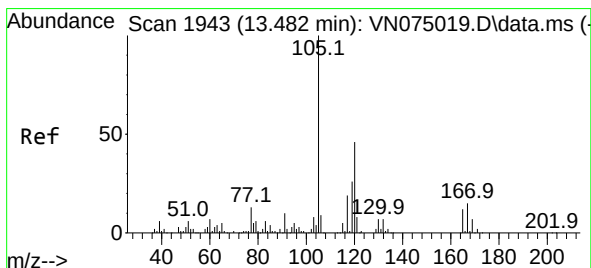
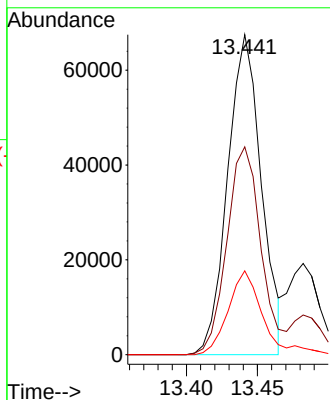
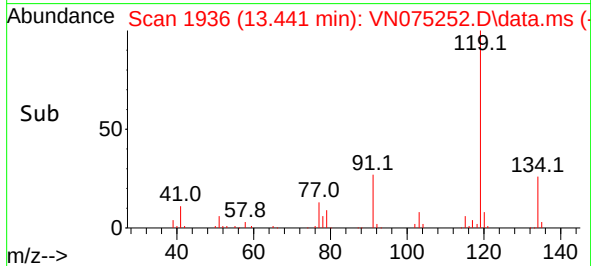
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



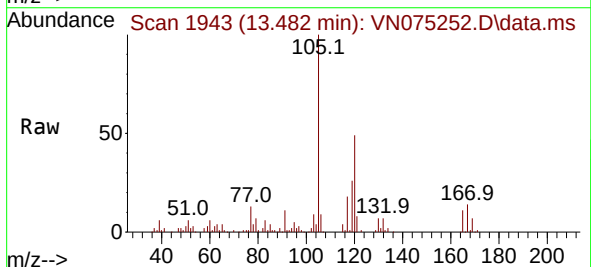
Tgt Ion:119 Resp: 111414
Ion Ratio Lower Upper
119 100
91 66.3 32.8 98.4
134 26.9 12.3 36.9

Manual Integrations
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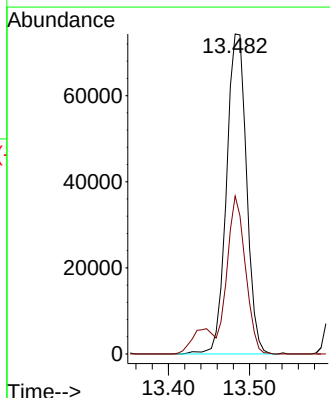
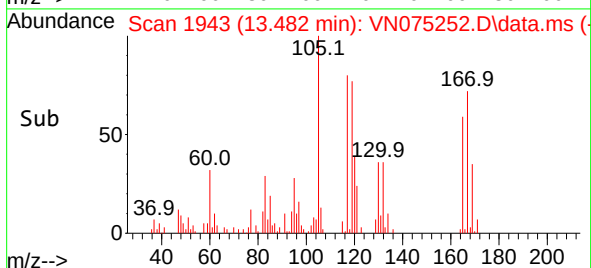
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

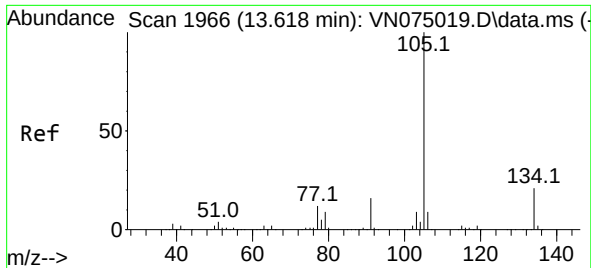


#84
1,2,4-Trimethylbenzene
Concen: 19.535 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



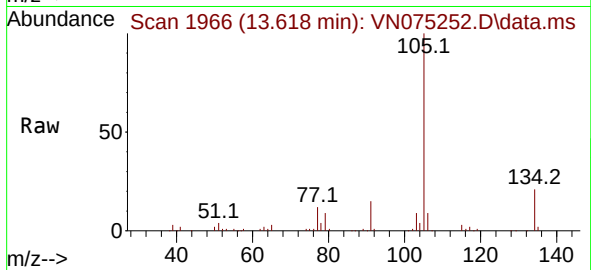
Tgt Ion:105 Resp: 127100
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.308 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53

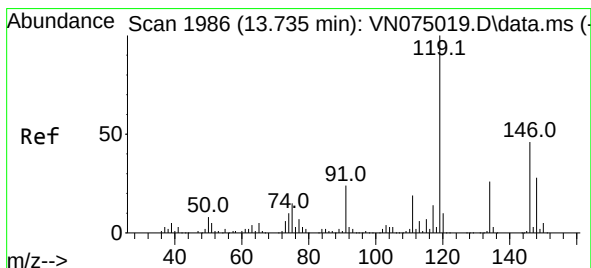
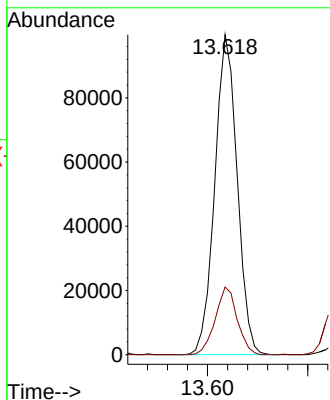
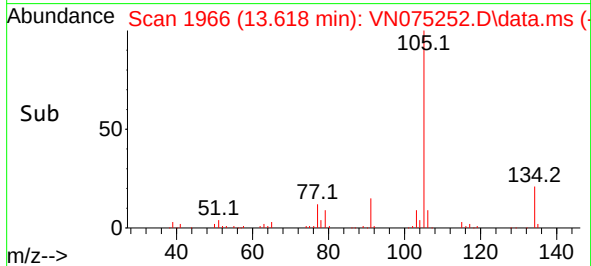
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBSD01



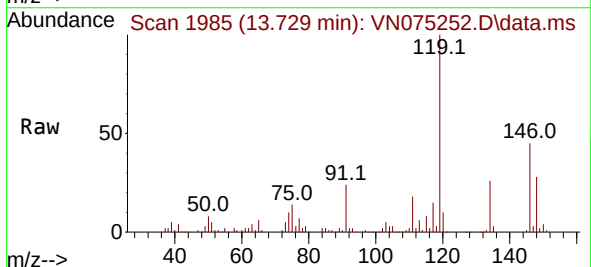
Tgt Ion:105 Resp: 154334
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

Manual Integrations
 APPROVED

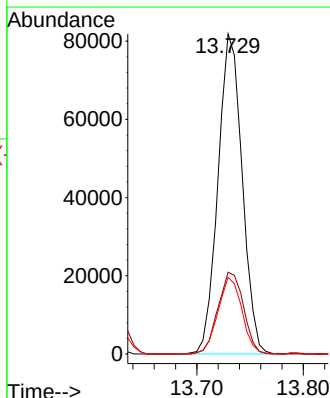
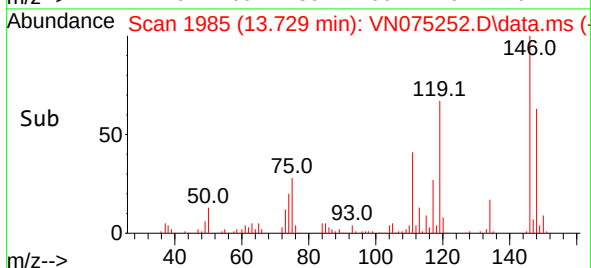
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

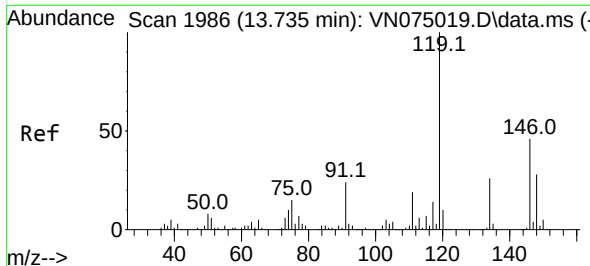


#86
 p-Isopropyltoluene
 Concen: 19.522 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075252.D
 Acq: 11 Nov 2022 16:53



Tgt Ion:119 Resp: 128877
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.192 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBSD01

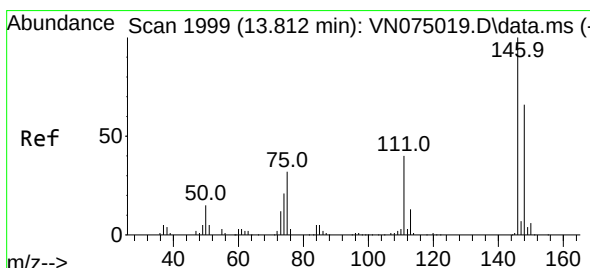
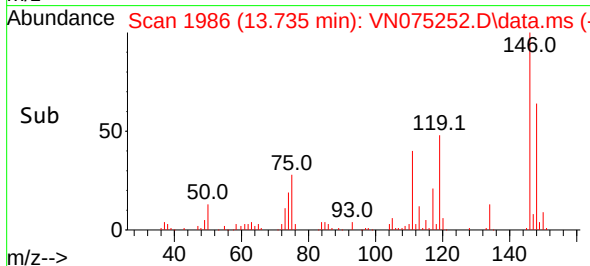
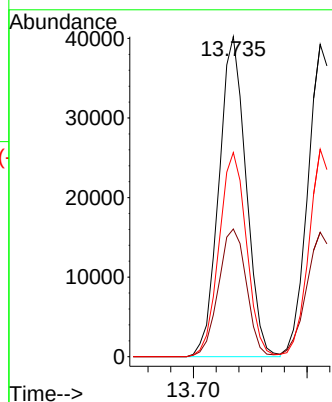
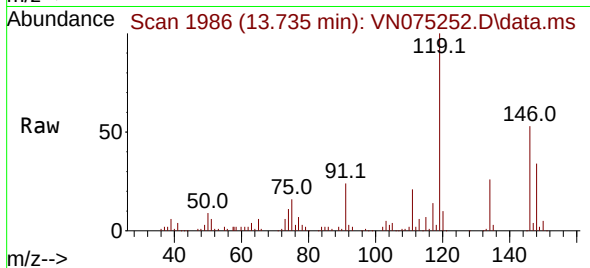
Tgt Ion:146 Resp: 6664
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 64.5 31.1 93.5

Manual Integrations

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#88

1,4-Dichlorobenzene

Concen: 20.437 ug/l

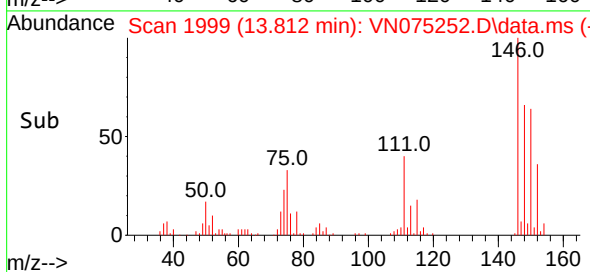
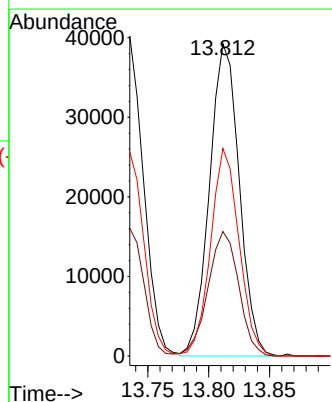
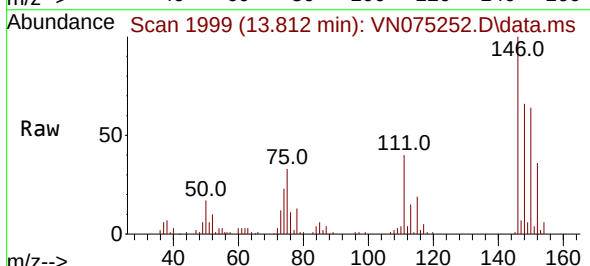
RT: 13.812 min Scan# 1999

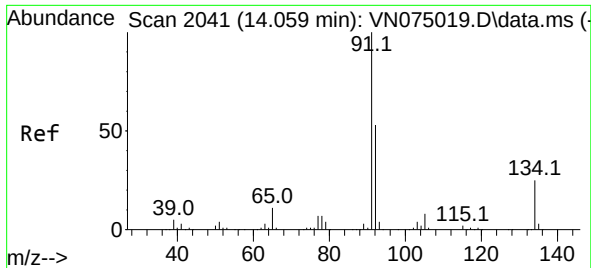
Delta R.T. -0.000 min

Lab File: VN075252.D

Acq: 11 Nov 2022 16:53

Tgt Ion:146 Resp: 66760
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.1 60.3
 148 63.5 31.9 95.7





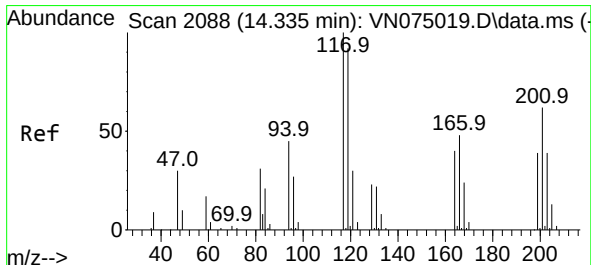
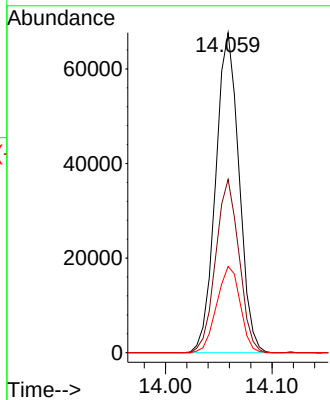
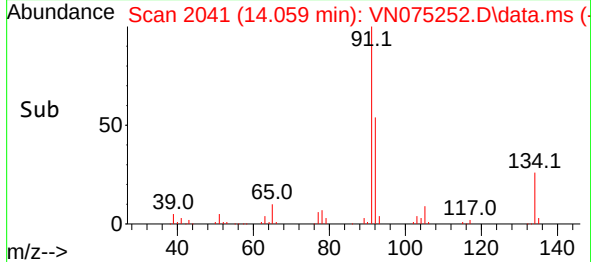
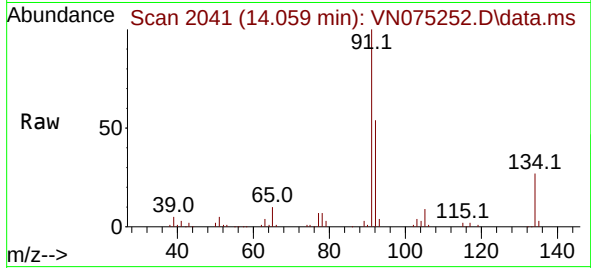
#89
n-Butylbenzene
Concen: 19.383 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01

Tgt Ion: 91 Resp: 103039
Ion Ratio Lower Upper
91 100
92 54.1 26.5 79.4
134 27.1 13.0 39.0

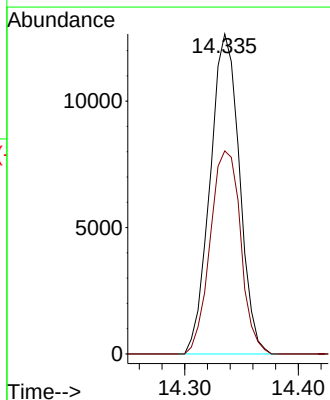
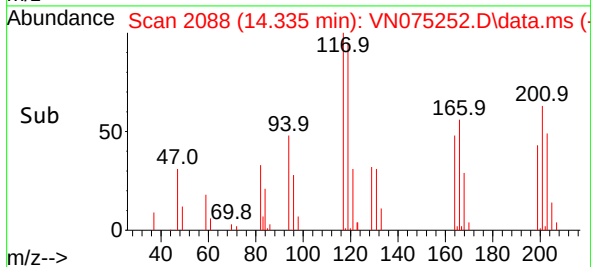
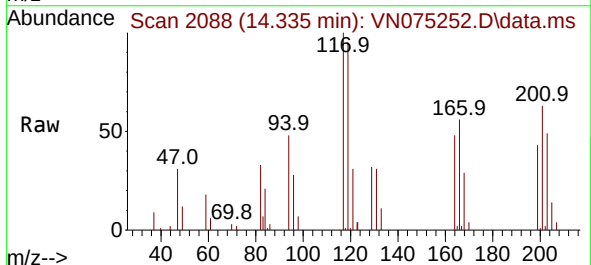
Manual Integrations
APPROVED

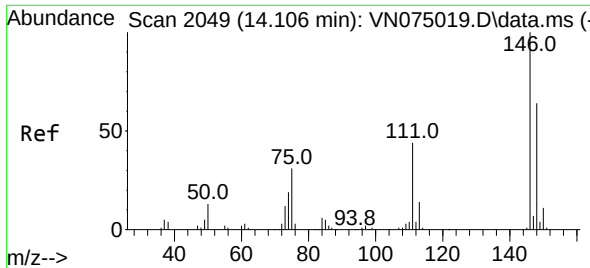
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#90
Hexachloroethane
Concen: 18.755 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

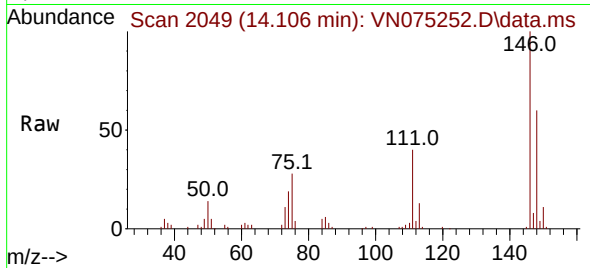
Tgt Ion:117 Resp: 22701
Ion Ratio Lower Upper
117 100
201 65.9 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.829 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

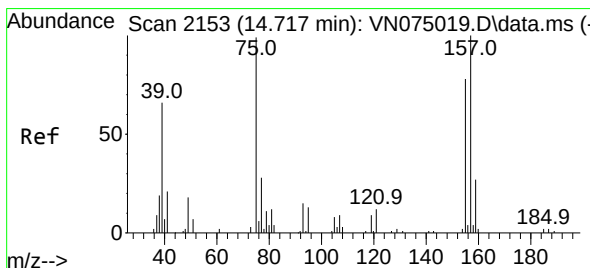
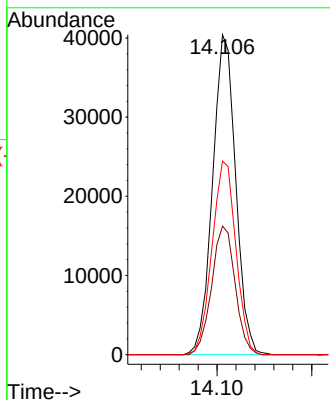
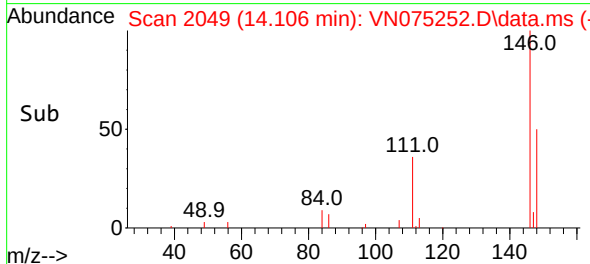
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



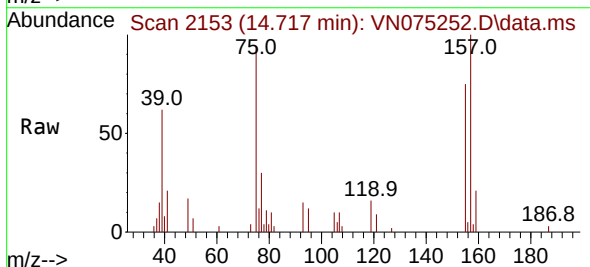
Tgt Ion:146 Resp: 68349
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.9
148 62.6 31.4 94.2

Manual Integrations
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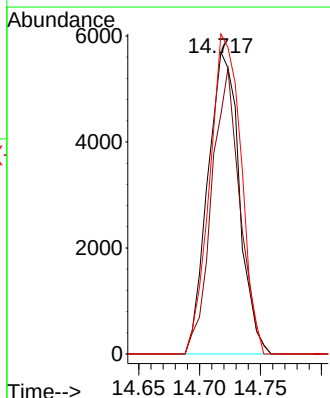
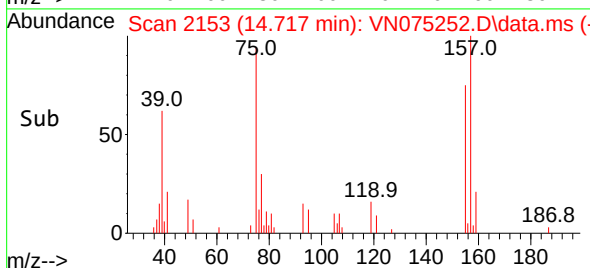
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

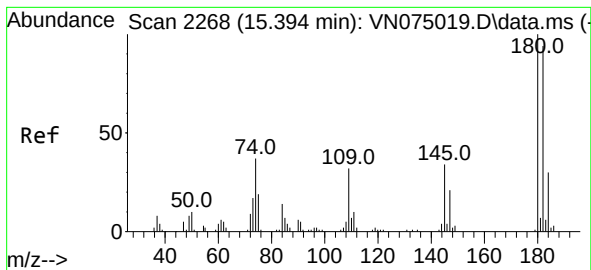


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.865 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



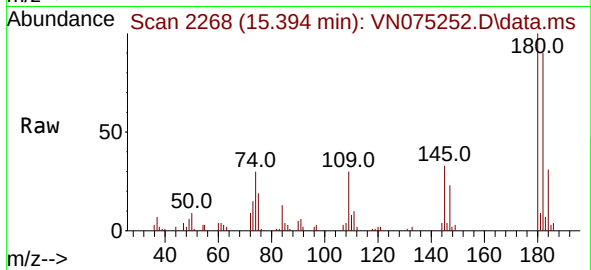
Tgt Ion: 75 Resp: 10259
Ion Ratio Lower Upper
75 100
155 84.8 42.1 126.3
157 105.7 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 21.337 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

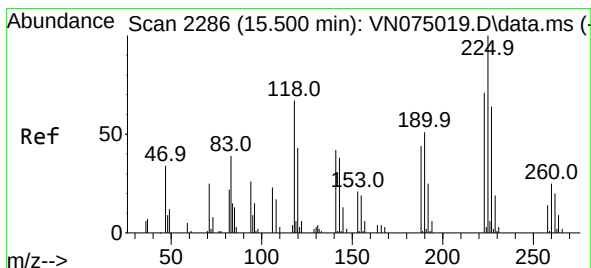
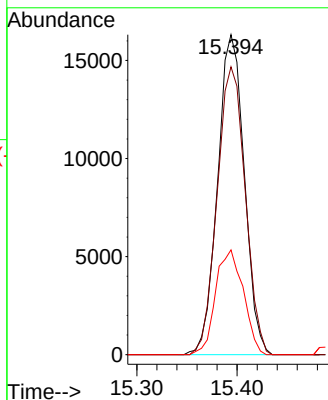
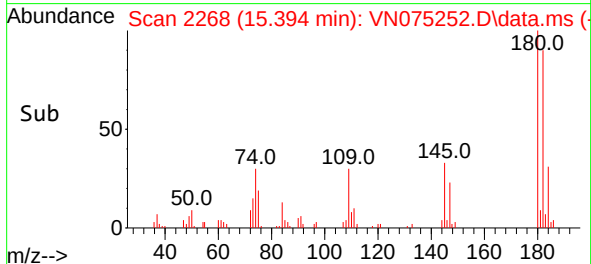
Instrument :
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ClientSampleId :
VN1111MBSD01



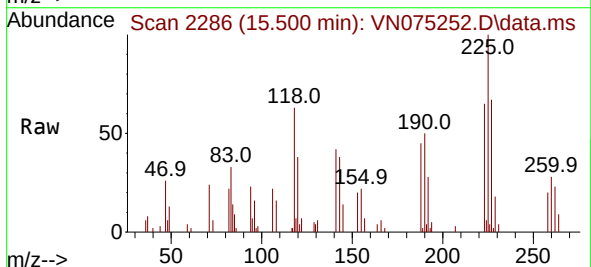
Tgt Ion:180 Resp: 30129
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 34.0 16.8 50.3

Manual Integrations
APPROVED

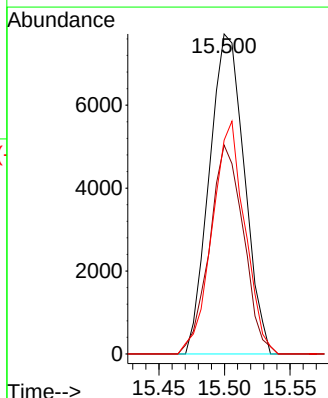
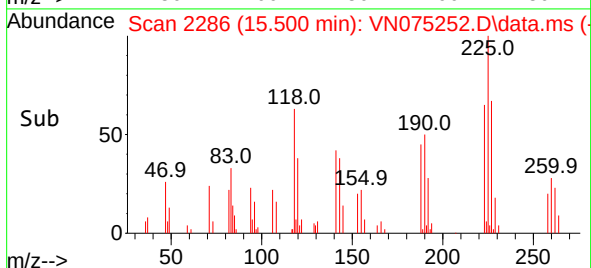
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

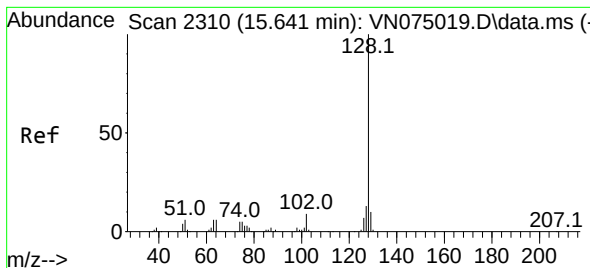


#94
Hexachlorobutadiene
Concen: 20.825 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



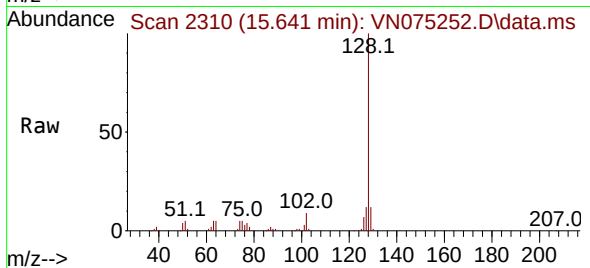
Tgt Ion:225 Resp: 14335
Ion Ratio Lower Upper
225 100
223 63.2 32.3 96.9
227 67.8 32.0 96.2





#95
Naphthalene
Concen: 20.922 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53

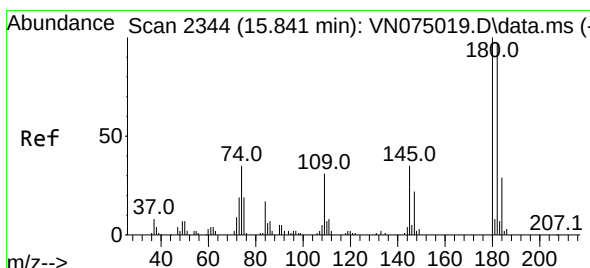
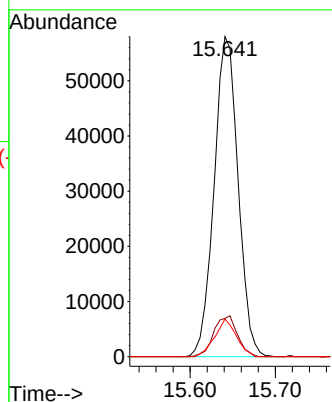
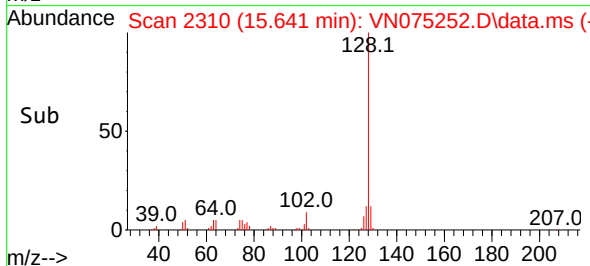
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBSD01



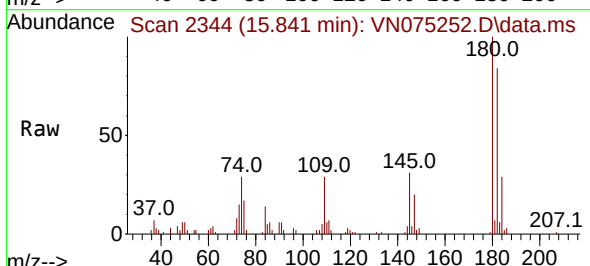
Tgt Ion:128 Resp: 113600
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.940 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075252.D
Acq: 11 Nov 2022 16:53



Tgt Ion:180 Resp: 30782
Ion Ratio Lower Upper
180 100
182 91.9 47.3 141.8
145 34.9 17.6 52.9

