

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075231.D
 Acq On : 10 Nov 2022 13:35
 Operator : JC\MD
 Sample : VN1110WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 04:09:42 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	109323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	198667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	180638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70104	47.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.171	113	58896	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.000%		
50) Toluene-d8	10.565	98	216215	47.784	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.560%		
62) 4-Bromofluorobenzene	12.847	95	77676	48.869	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	23604	16.597	ug/l	99
3) Chloromethane	2.371	50	23806	15.759	ug/l	99
4) Vinyl Chloride	2.524	62	32886	15.260	ug/l	100
5) Bromomethane	2.942	94	26653	13.755	ug/l	97
6) Chloroethane	3.118	64	23349	15.110	ug/l	96
7) Trichlorofluoromethane	3.500	101	40556	18.423	ug/l	98
8) Diethyl Ether	3.977	74	15477	19.275	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	23746	19.532	ug/l	99
10) Methyl Iodide	4.600	142	32160	17.769	ug/l	99
11) Tert butyl alcohol	5.547	59	30853	89.817	ug/l	99
12) 1,1-Dichloroethene	4.348	96	20587	17.765	ug/l	94
13) Acrolein	4.189	56	19700	70.114	ug/l	98
14) Allyl chloride	5.042	41	31098	18.374	ug/l	94
15) Acrylonitrile	5.730	53	71481	98.508	ug/l	99
16) Acetone	4.436	43	62763	100.629	ug/l	90
17) Carbon Disulfide	4.718	76	42986	14.751	ug/l	99
18) Methyl Acetate	5.036	43	45065	22.120	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	84830	19.695	ug/l	95
20) Methylene Chloride	5.294	84	26537	19.083	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	22579	17.795	ug/l	97
22) Diisopropyl ether	6.683	45	68824	18.426	ug/l	92
23) Vinyl Acetate	6.612	43	279422m	89.587	ug/l	
24) 1,1-Dichloroethane	6.583	63	45085	19.085	ug/l	97
25) 2-Butanone	7.488	43	95457	97.303	ug/l	96
26) 2,2-Dichloropropane	7.494	77	40065	18.436	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	28712	18.949	ug/l	96
28) Bromochloromethane	7.824	49	18705	18.784	ug/l	93
29) Tetrahydrofuran	7.847	42	61117	96.410	ug/l	97
30) Chloroform	7.977	83	49998	19.494	ug/l	97
31) Cyclohexane	8.259	56	39225	17.905	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	43995	18.889	ug/l	98
36) 1,1-Dichloropropene	8.377	75	34707	19.222	ug/l	98
37) Ethyl Acetate	7.571	43	38864	19.627	ug/l	98
38) Carbon Tetrachloride	8.365	117	38691	19.480	ug/l	96
39) Methylcyclohexane	9.606	83	41891	17.574	ug/l	96
40) Benzene	8.612	78	105100	19.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17819	18.783	ug/l	89
42) 1,2-Dichloroethane	8.677	62	39415	19.596	ug/l	97
43) Isopropyl Acetate	8.694	43	59029	19.218	ug/l	98
44) Trichloroethene	9.353	130	28198	20.330	ug/l	93
45) 1,2-Dichloropropane	9.624	63	25879	19.670	ug/l	98
46) Dibromomethane	9.706	93	20675	20.170	ug/l	99
47) Bromodichloromethane	9.894	83	39558	19.929	ug/l	92
48) Methyl methacrylate	9.682	41	26507	18.813	ug/l	96
49) 1,4-Dioxane	9.700	88	14886	403.472	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	194088	97.923	ug/l	98
52) Toluene	10.629	92	69528	18.814	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	41035	19.586	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	43493	19.572	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	29393	20.059	ug/l	98
56) Ethyl methacrylate	10.876	69	43108	19.286	ug/l	97
57) 1,3-Dichloropropane	11.159	76	49132	20.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	88291	102.174	ug/l	98
59) 2-Hexanone	11.194	43	145403	96.658	ug/l	99
60) Dibromochloromethane	11.359	129	30900	19.987	ug/l	99
61) 1,2-Dibromoethane	11.471	107	30327	20.195	ug/l	100
64) Tetrachloroethene	11.106	164	28765	25.974	ug/l	96
65) Chlorobenzene	11.894	112	75654	19.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	29153	20.382	ug/l	100
67) Ethyl Benzene	11.965	91	133922	19.305	ug/l	96
68) m/p-Xylenes	12.071	106	109953	39.502	ug/l	98
69) o-Xylene	12.400	106	52844	19.197	ug/l	100
70) Styrene	12.412	104	83744	19.080	ug/l	99
71) Bromoform	12.582	173	21091	19.695	ug/l #	99
73) Isopropylbenzene	12.694	105	136763	19.940	ug/l	99
74) N-amyl acetate	12.494	43	46143	18.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	43653	19.757	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	34332m	18.926	ug/l	
77) Bromobenzene	12.982	156	31522	20.872	ug/l	99
78) n-propylbenzene	13.035	91	153726	19.963	ug/l	99
79) 2-Chlorotoluene	13.129	91	94096	19.996	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	118405	20.553	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13063	18.485	ug/l	94
82) 4-Chlorotoluene	13.129	91	94096	19.996	ug/l	98
83) tert-Butylbenzene	13.441	119	102181	19.961	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	118983	20.413	ug/l	100
85) sec-Butylbenzene	13.617	105	145593	20.332	ug/l	99
86) p-Isopropyltoluene	13.729	119	118243	19.994	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	59858	20.243	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58894	20.125	ug/l	96
89) n-Butylbenzene	14.059	91	96031	20.164	ug/l	99
90) Hexachloroethane	14.335	117	21040	19.404	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	62303	21.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9489	20.510	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	28375	22.431	ug/l	99
94) Hexachlorobutadiene	15.500	225	13459	21.825	ug/l	99
95) Naphthalene	15.641	128	105606	21.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	27647	21.996	ug/l	99

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ClientSampleId :
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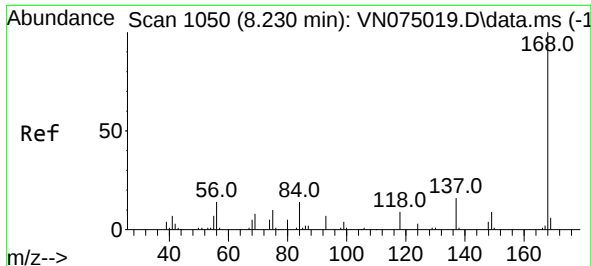
Manual Integrations
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Quant Title : SW846 8260
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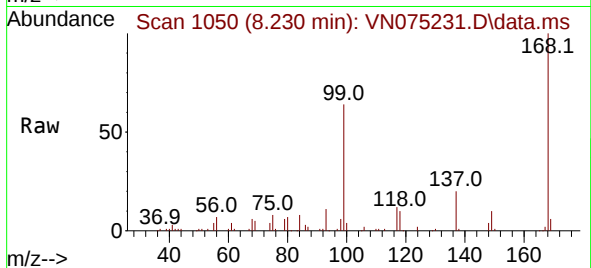
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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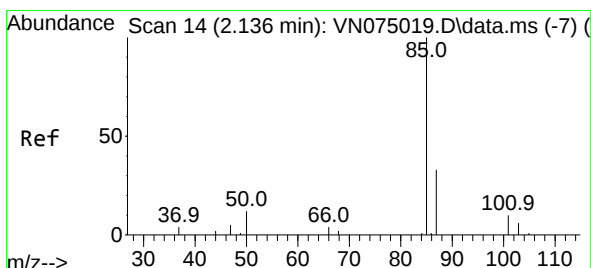
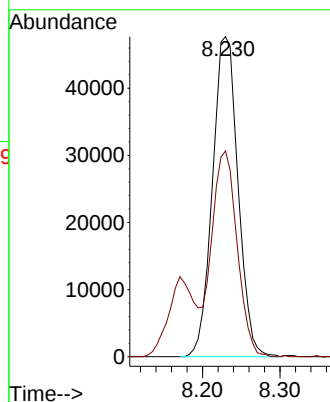
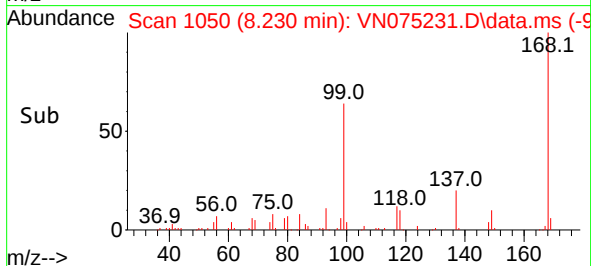
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 10932
Ion Ratio Lower Upper
168 100
99 64.3 51.6 77.4

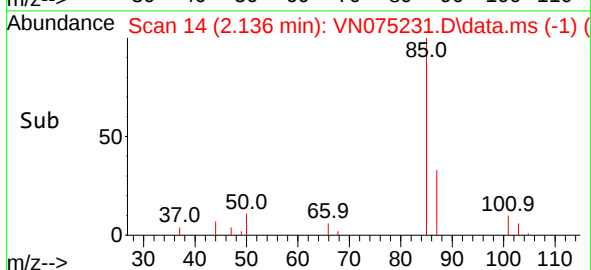
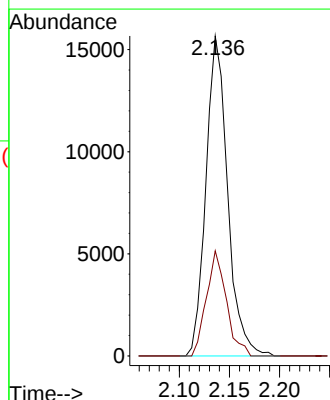
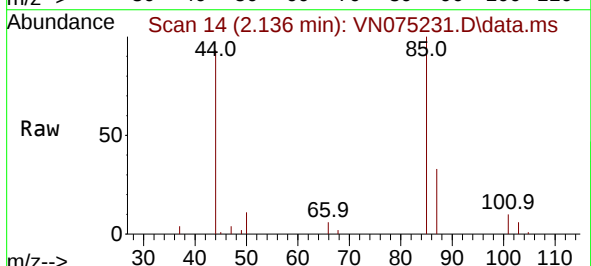
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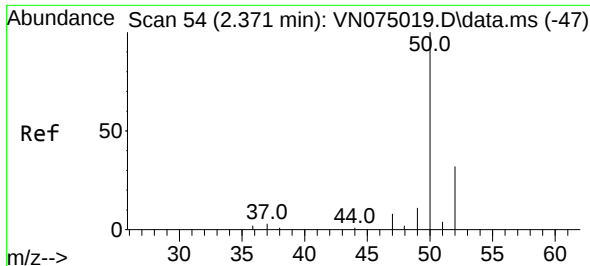
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 16.597 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

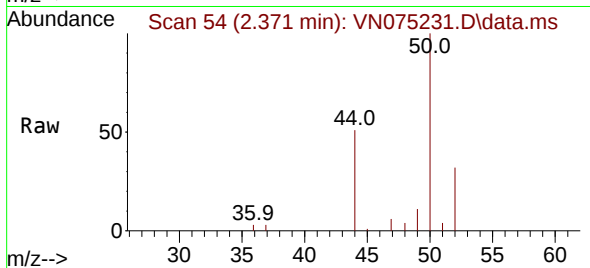
Tgt Ion: 85 Resp: 23604
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





#3
Chloromethane
Concen: 15.759 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

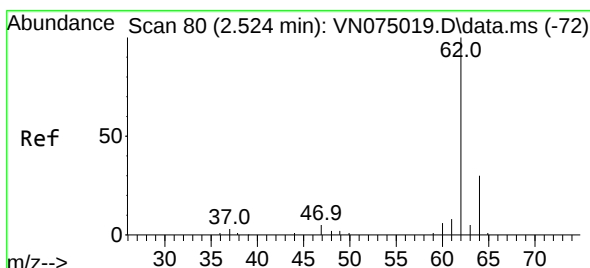
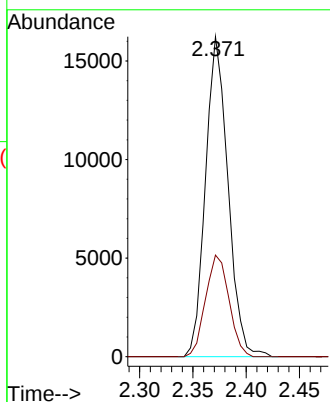
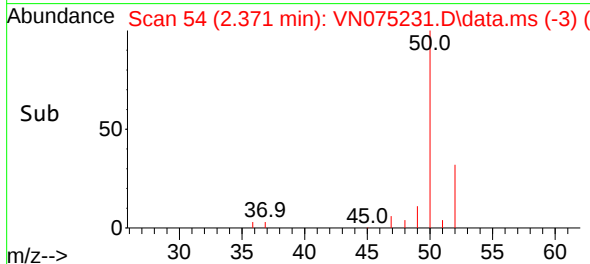
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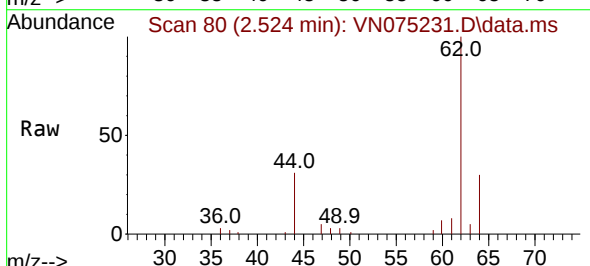
Tgt Ion: 50 Resp: 23800
Ion Ratio Lower Upper
50 100
52 31.8 25.8 38.6

Manual Integrations
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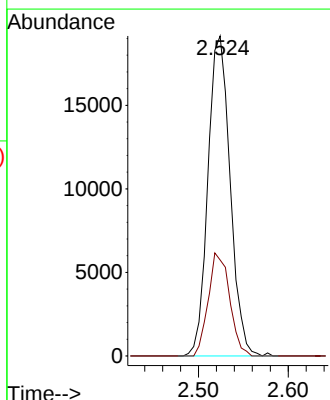
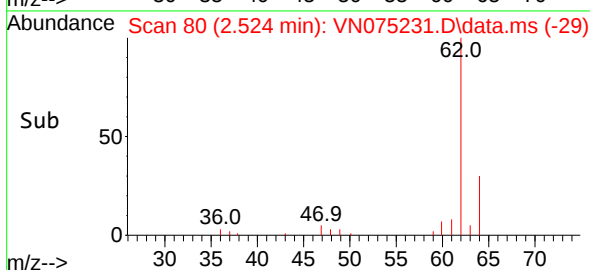
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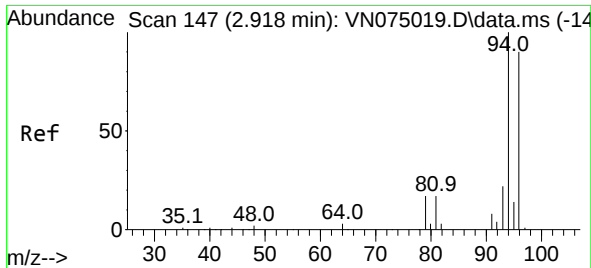


#4
Vinyl Chloride
Concen: 15.260 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion: 62 Resp: 32886
Ion Ratio Lower Upper
62 100
64 30.0 24.0 36.0





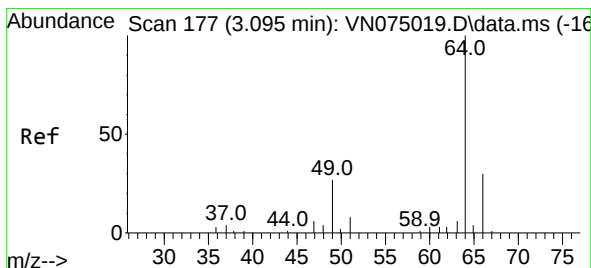
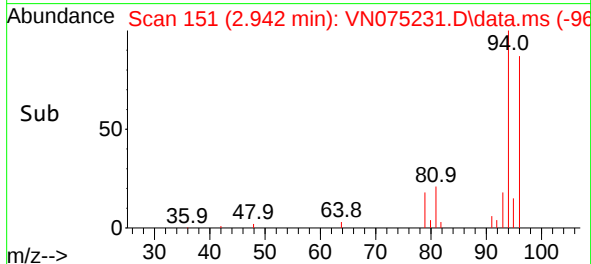
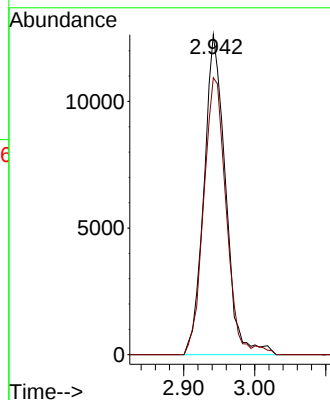
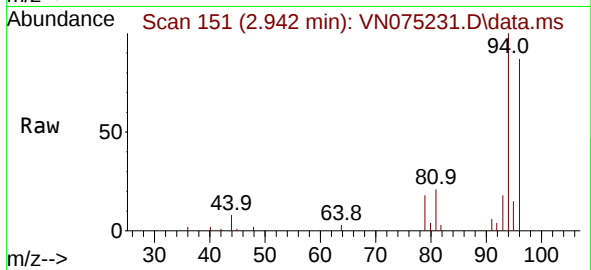
#5
Bromomethane
Concen: 13.755 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
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Instrument :
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Tgt Ion: 94 Resp: 2665
Ion Ratio Lower Upper
94 100
96 86.6 71.8 107.6

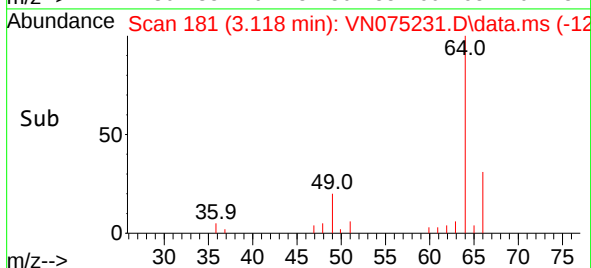
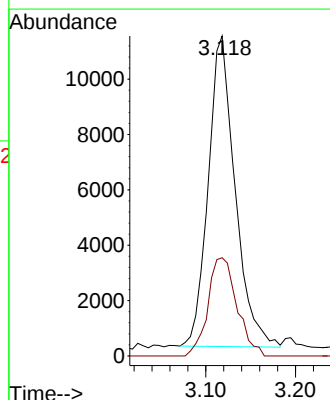
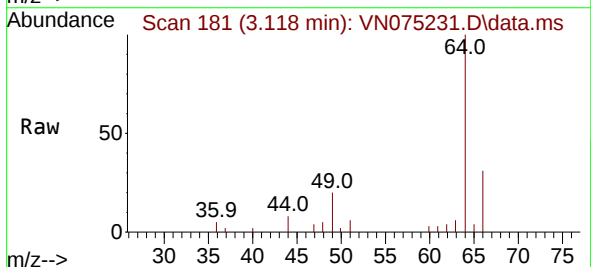
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#6
Chloroethane
Concen: 15.110 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 64 Resp: 23349
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.8





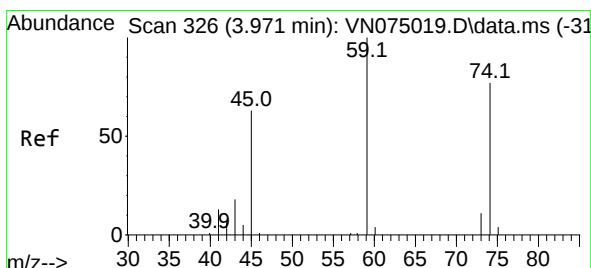
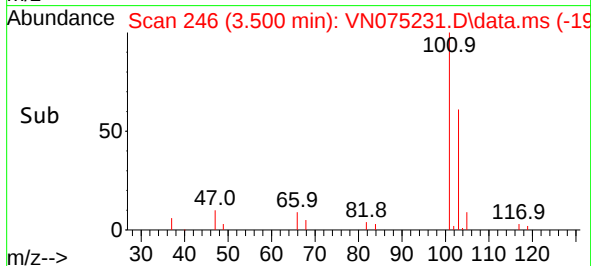
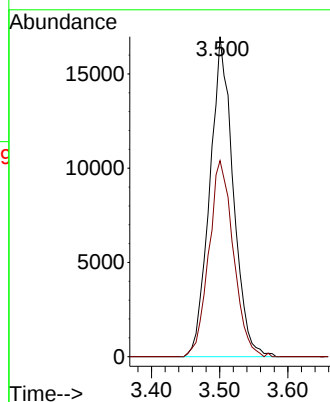
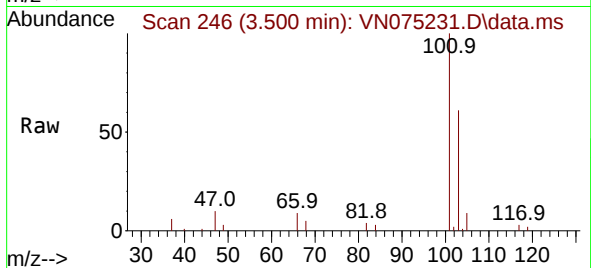
#7
Trichlorofluoromethane
Concen: 18.423 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion:101 Resp: 40550
Ion Ratio Lower Upper
101 100
103 61.3 50.5 75.7

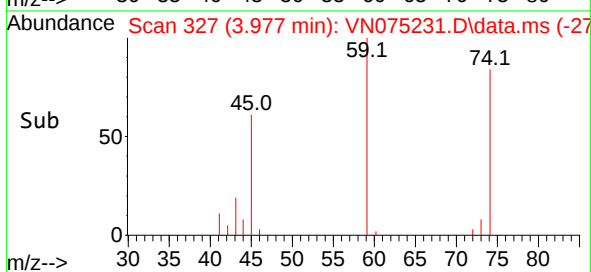
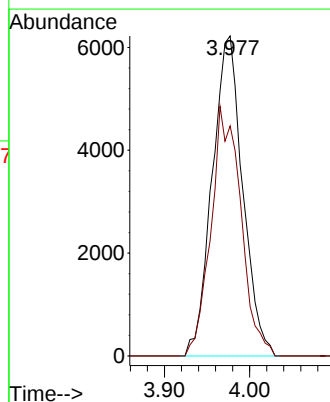
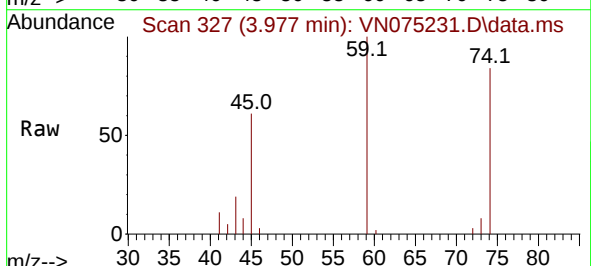
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#8
Diethyl Ether
Concen: 19.275 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075231.D
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Tgt Ion: 74 Resp: 15477
Ion Ratio Lower Upper
74 100
45 76.3 39.3 117.9





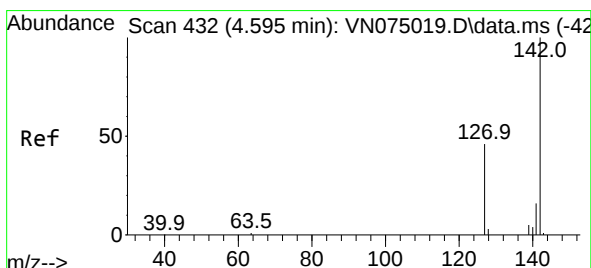
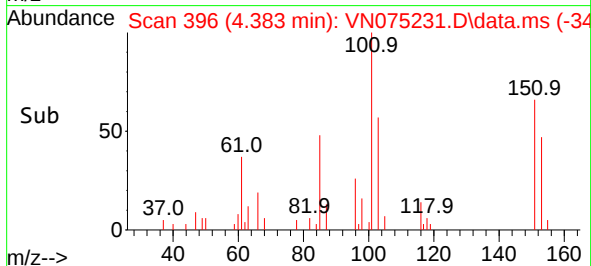
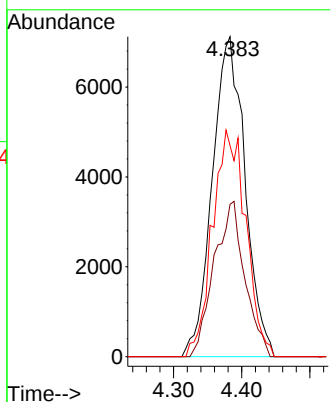
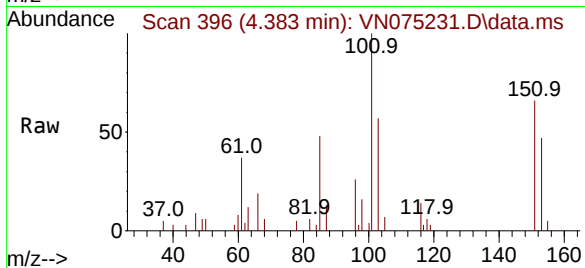
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.532 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075231.D
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Tgt Ion:101 Resp: 23740
Ion Ratio Lower Upper
101 100
85 45.5 37.6 56.4
151 72.1 58.3 87.5

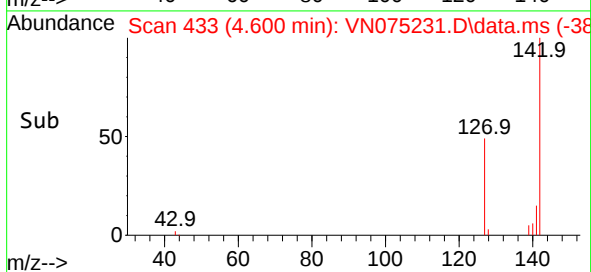
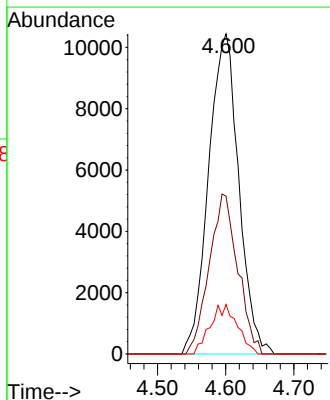
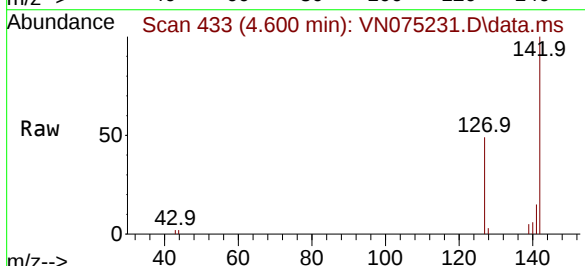
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 17.769 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion:142 Resp: 32160
Ion Ratio Lower Upper
142 100
127 47.3 38.0 57.0
141 13.9 12.2 18.4





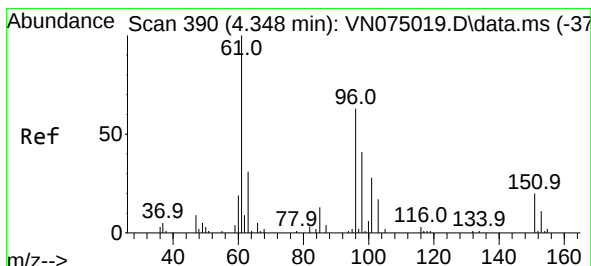
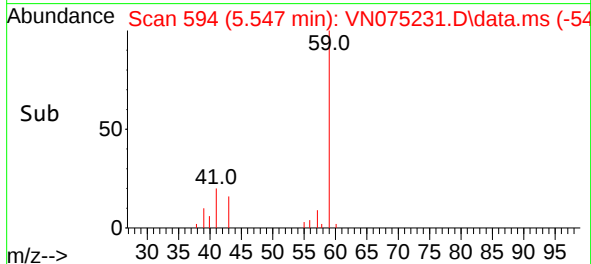
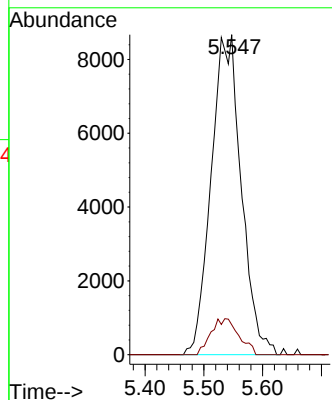
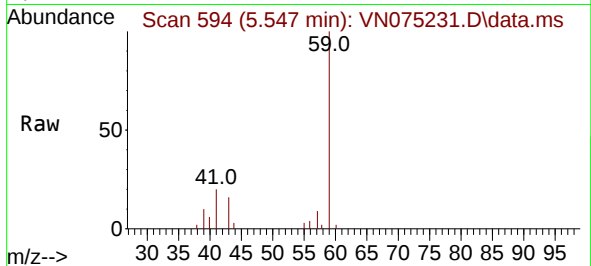
#11
Tert butyl alcohol
Concen: 89.817 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 59 Resp: 3085
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

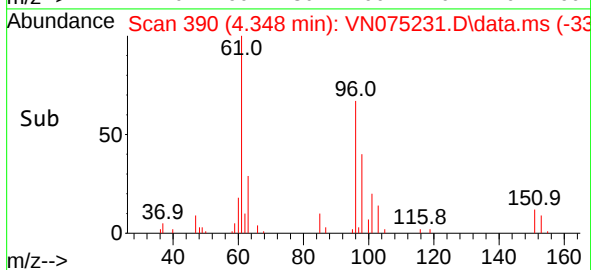
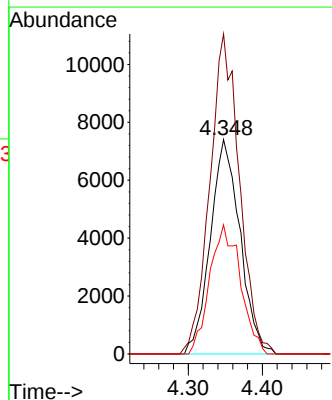
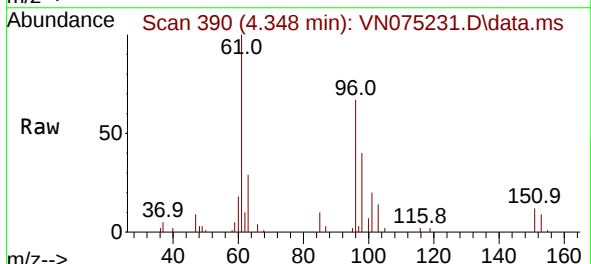
Manual Integrations
APPROVED

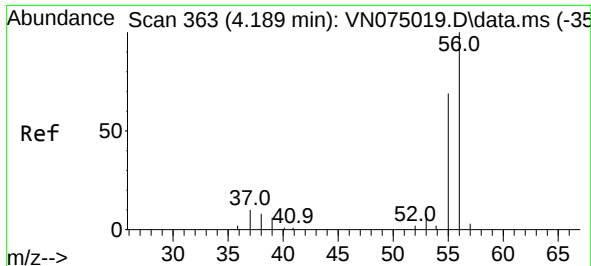
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#12
1,1-Dichloroethene
Concen: 17.765 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

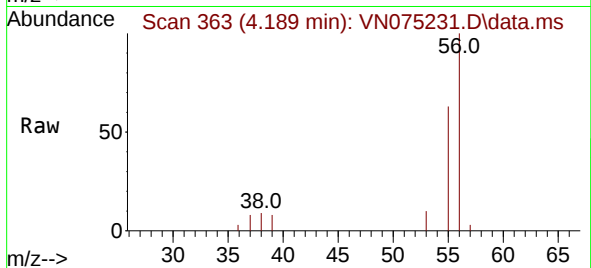
Tgt Ion: 96 Resp: 20587
Ion Ratio Lower Upper
96 100
61 149.3 126.2 189.4
98 60.2 51.5 77.3





#13
Acrolein
Concen: 70.114 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

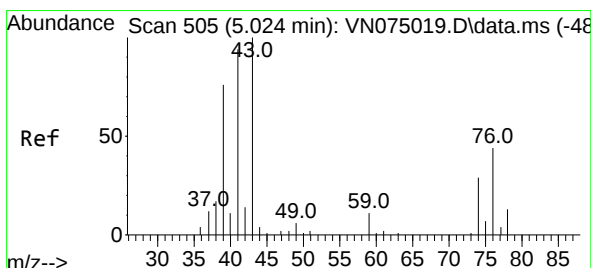
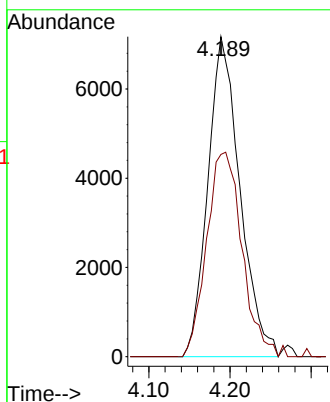
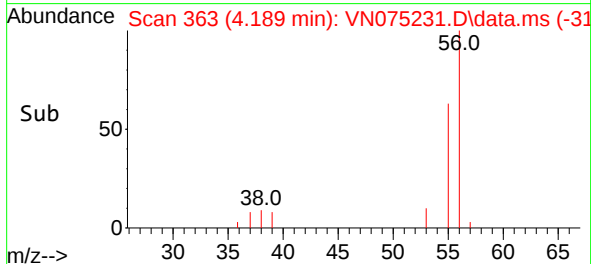
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 56 Resp: 19700
Ion Ratio Lower Upper
56 100
55 70.6 55.2 82.8

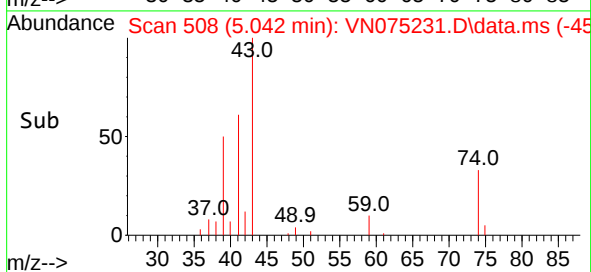
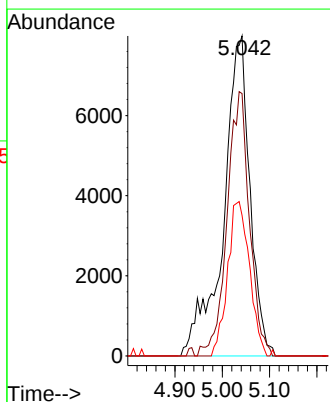
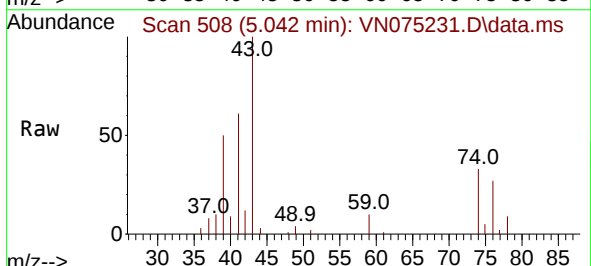
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 18.374 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.018 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

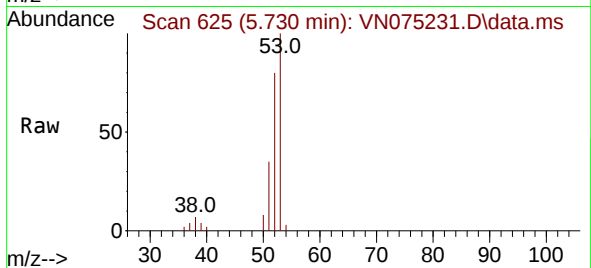
Tgt Ion: 41 Resp: 31098
Ion Ratio Lower Upper
41 100
39 69.6 61.0 91.4
76 39.7 33.4 50.0





#15
Acrylonitrile
Concen: 98.508 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

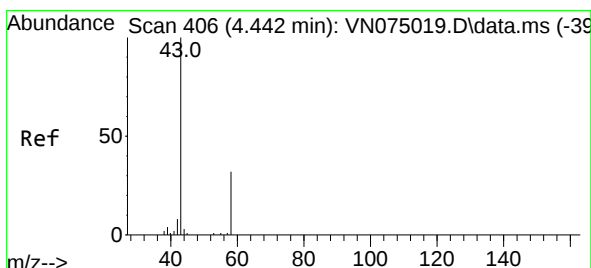
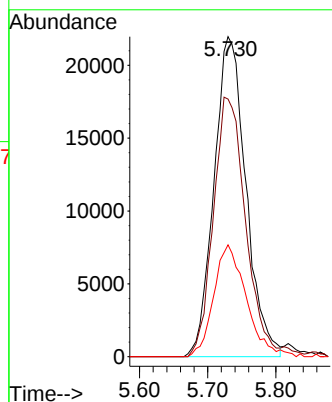
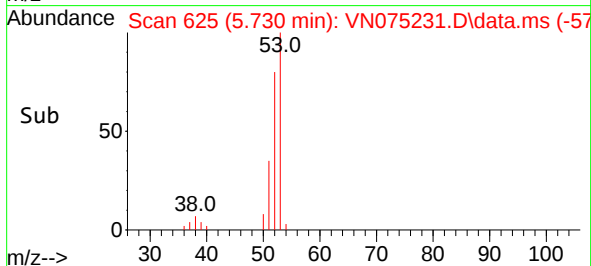
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 53 Resp: 7148
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 35.8 29.6 44.4

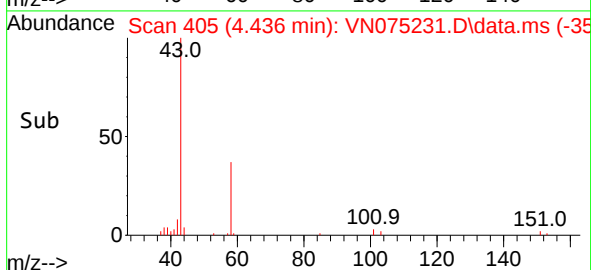
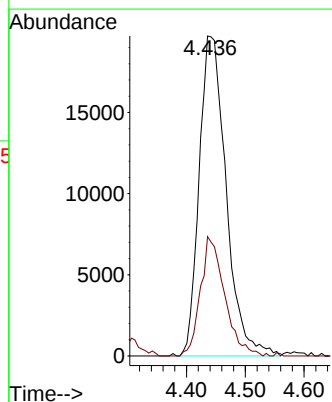
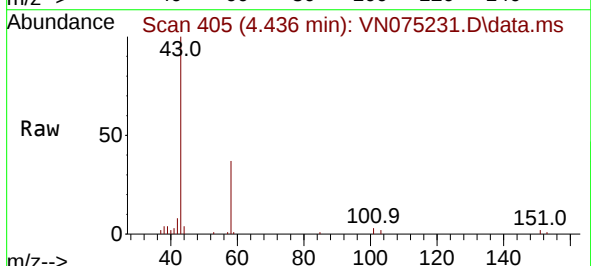
Manual Integrations
APPROVED

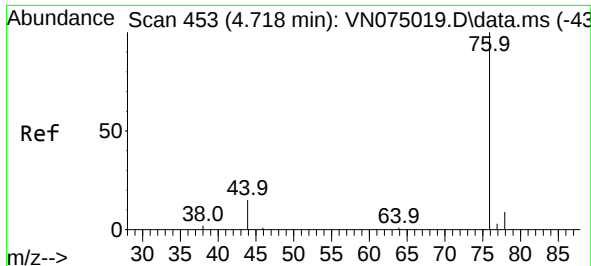
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Acetone
Concen: 100.629 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

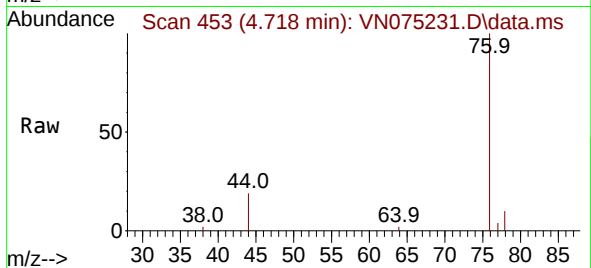
Tgt Ion: 43 Resp: 62763
Ion Ratio Lower Upper
43 100
58 37.3 25.5 38.3





#17
Carbon Disulfide
Concen: 14.751 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

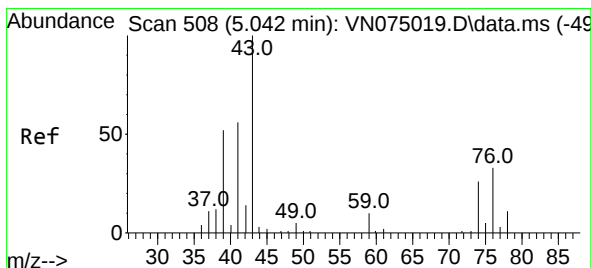
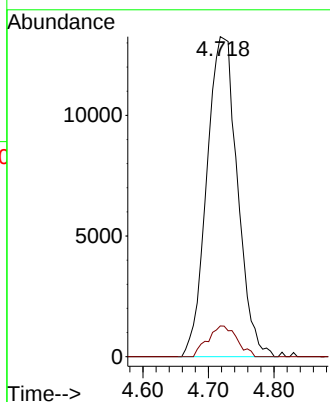
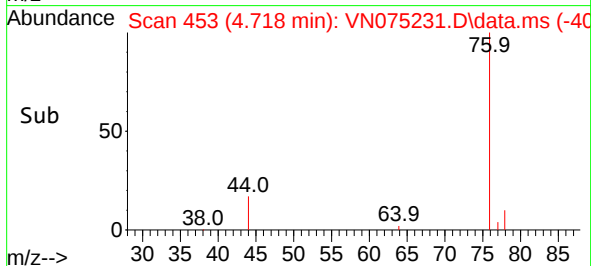
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



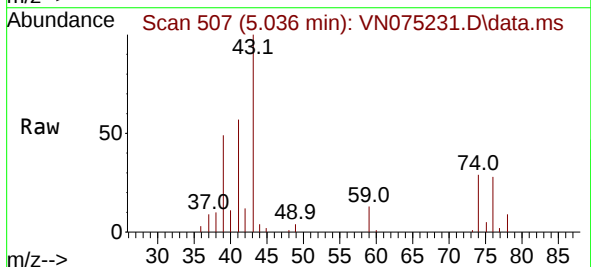
Tgt Ion: 76 Resp: 42980
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

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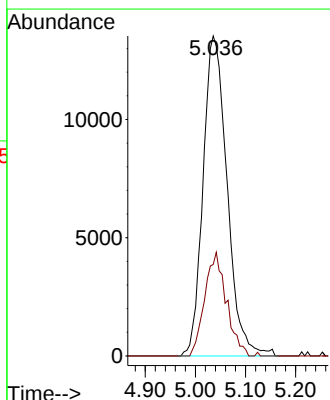
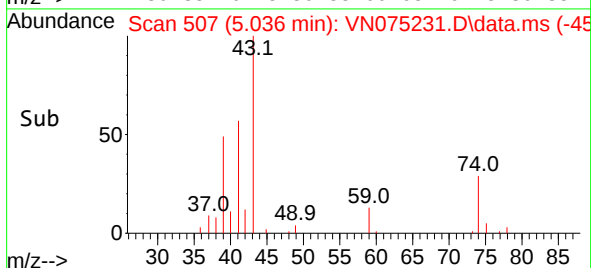
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

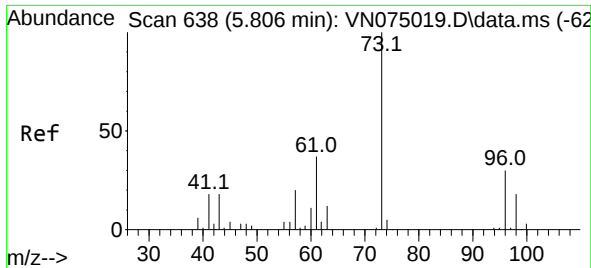


#18
Methyl Acetate
Concen: 22.120 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion: 43 Resp: 45065
Ion Ratio Lower Upper
43 100
74 29.1 22.0 33.0





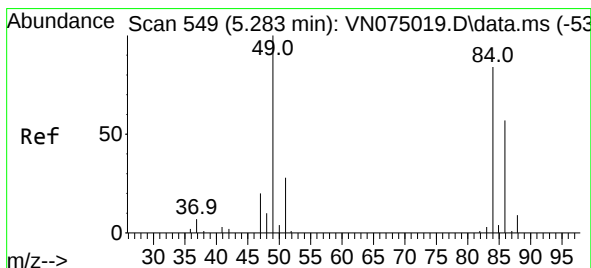
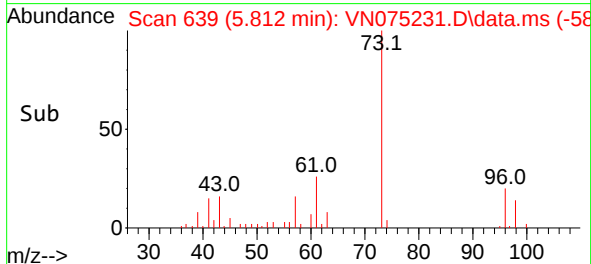
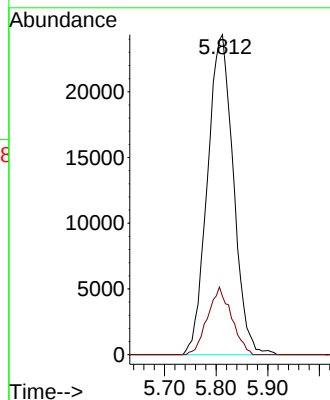
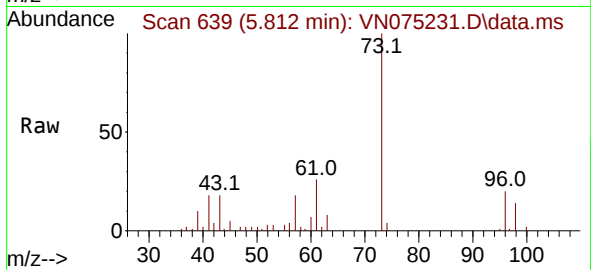
#19
Methyl tert-butyl Ether
Concen: 19.695 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 73 Resp: 84830
Ion Ratio Lower Upper
73 100
57 18.3 16.3 24.5

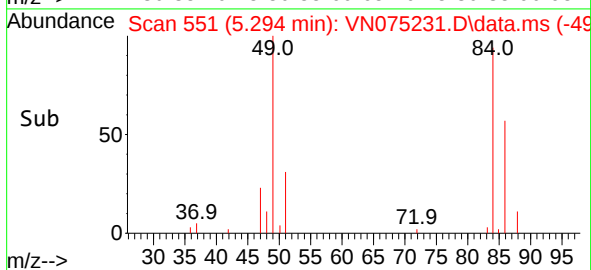
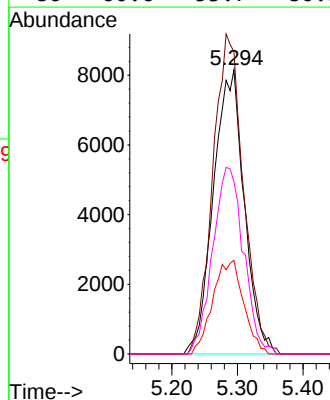
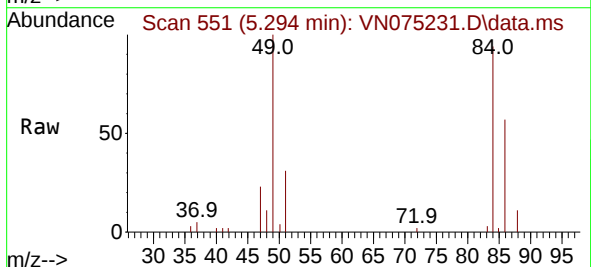
Manual Integrations
APPROVED

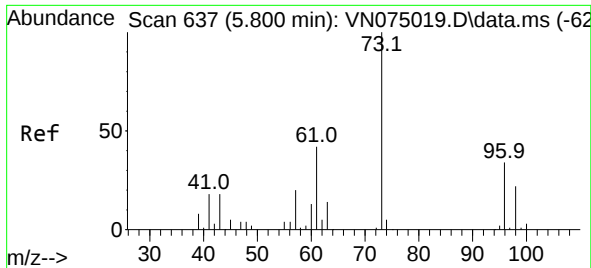
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 19.083 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.011 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 84 Resp: 26537
Ion Ratio Lower Upper
84 100
49 106.4 94.9 142.3
51 32.9 26.8 40.2
86 60.6 53.7 80.5





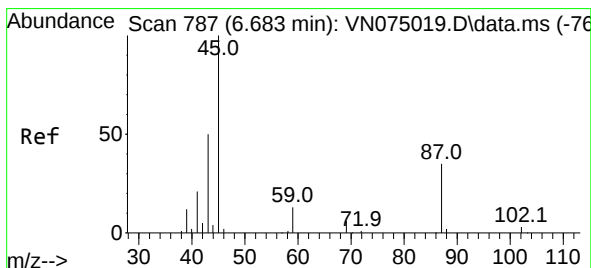
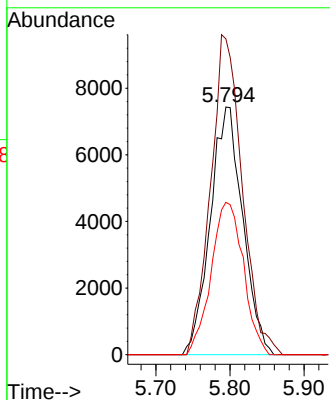
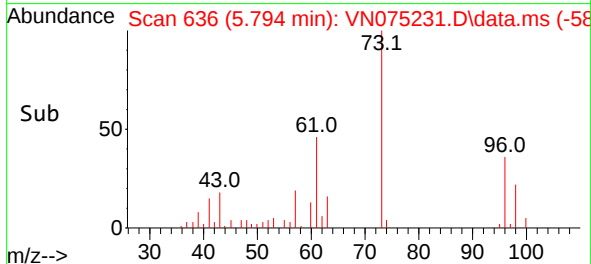
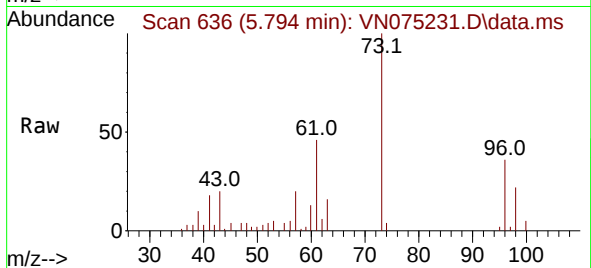
#21
trans-1,2-Dichloroethene
Concen: 17.795 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 96 Resp: 22579
Ion Ratio Lower Upper
96 100
61 127.6 99.9 149.9
98 61.5 51.5 77.3

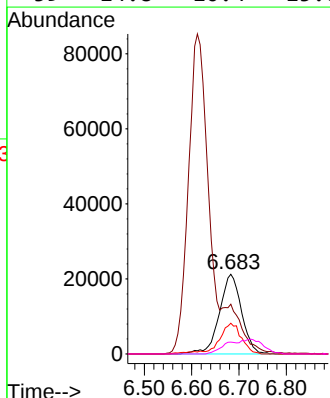
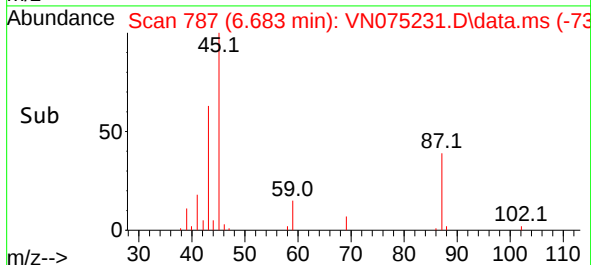
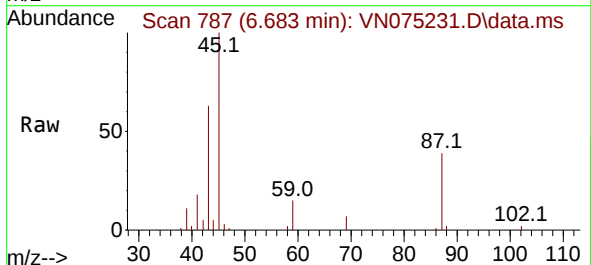
Manual Integrations
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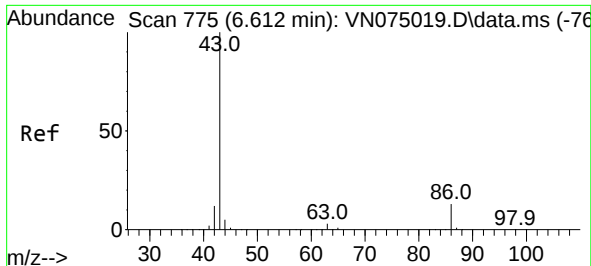
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#22
Diisopropyl ether
Concen: 18.426 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 45 Resp: 68824
Ion Ratio Lower Upper
45 100
43 60.8 42.8 64.2
87 38.5 28.4 42.6
59 14.8 10.4 15.6





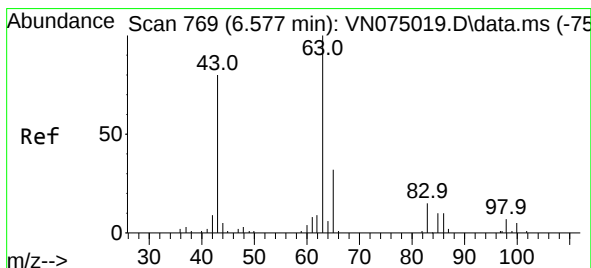
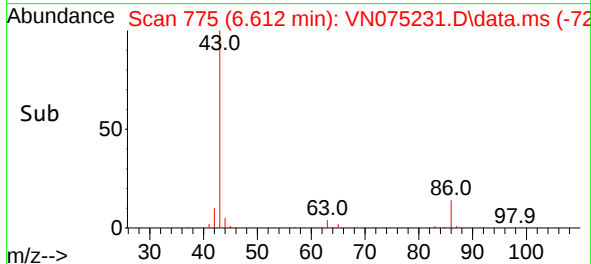
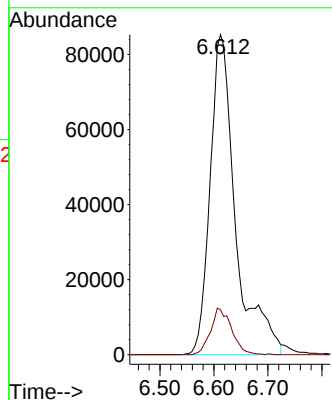
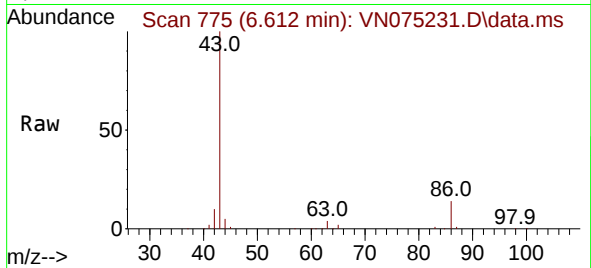
#23
 Vinyl Acetate
 Concen: 89.587 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075231.D
 Acq: 10 Nov 2022 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01

Tgt Ion: 43 Resp: 27942
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

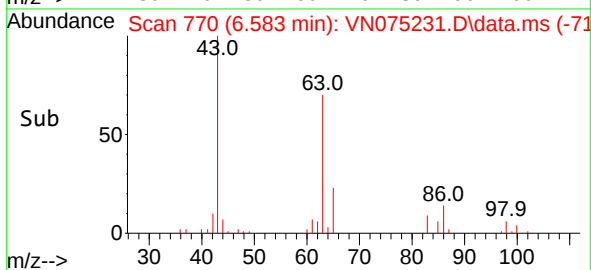
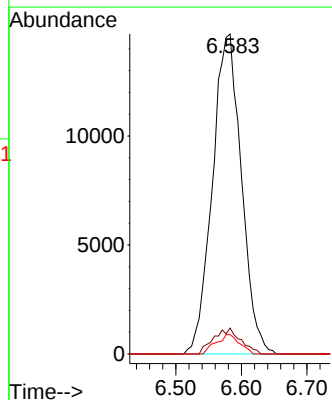
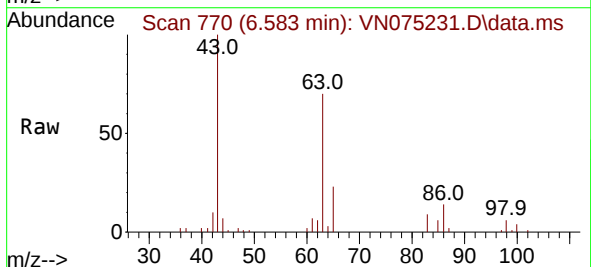
Manual Integrations
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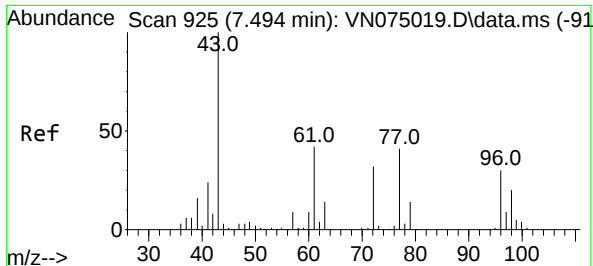
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#24
 1,1-Dichloroethane
 Concen: 19.085 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075231.D
 Acq: 10 Nov 2022 13:35

Tgt Ion: 63 Resp: 45085
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 6.0 2.4 7.2





#25

2-Butanone

Concen: 97.303 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 43 Resp: 9545

Ion Ratio Lower Upper

43 100

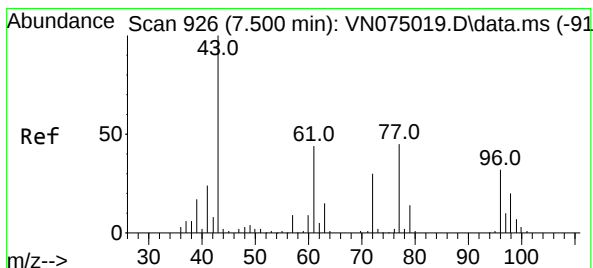
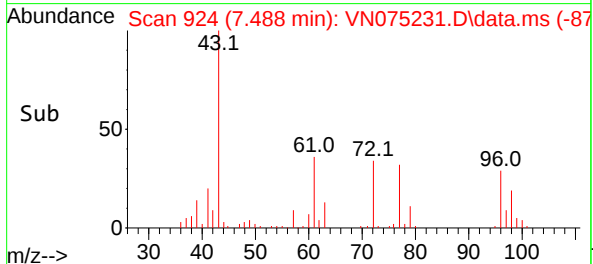
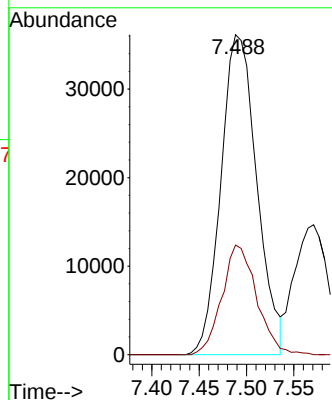
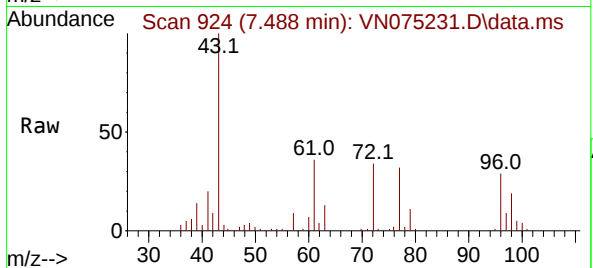
72 34.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#26

2,2-Dichloropropane

Concen: 18.436 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075231.D

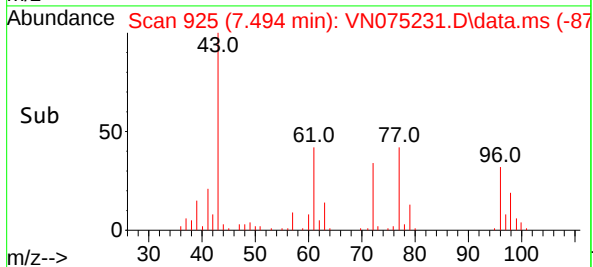
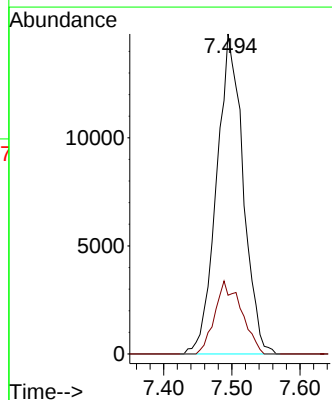
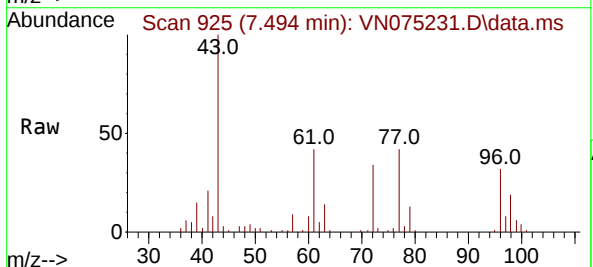
Acq: 10 Nov 2022 13:35

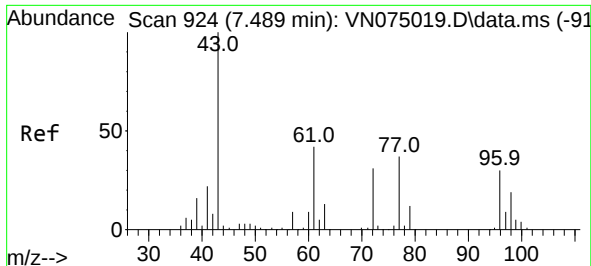
Tgt Ion: 77 Resp: 40065

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.949 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

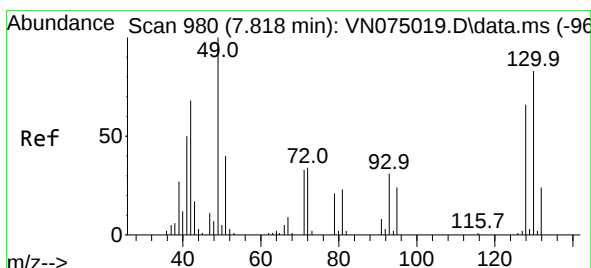
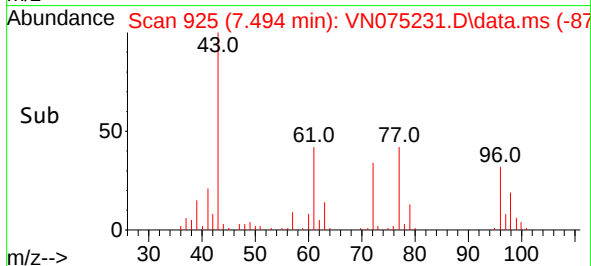
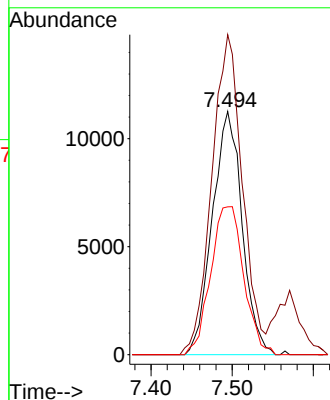
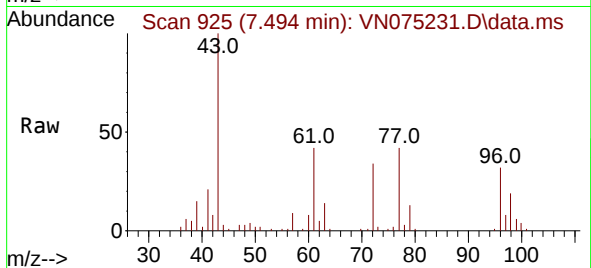
Tgt Ion: 96	Resp: 2871
Ion Ratio	Lower Upper
96 100	
61 135.4	0.0 278.8
98 67.7	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#28

Bromochloromethane

Concen: 18.784 ug/l

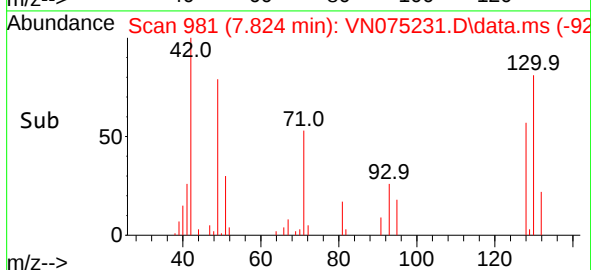
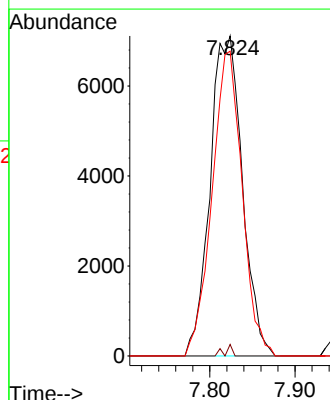
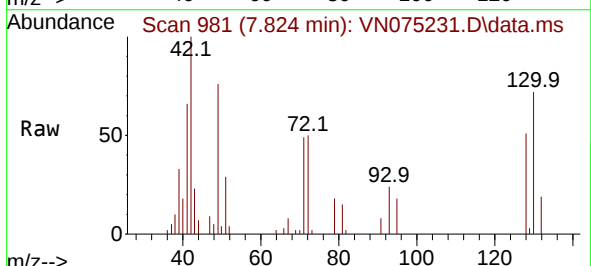
RT: 7.824 min Scan# 981

Delta R.T. 0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion: 49	Resp: 18705
Ion Ratio	Lower Upper
49 100	
129 0.8	0.0 4.6
130 88.9	66.2 99.4





#29

Tetrahydrofuran

Concen: 96.410 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 42 Resp: 6111

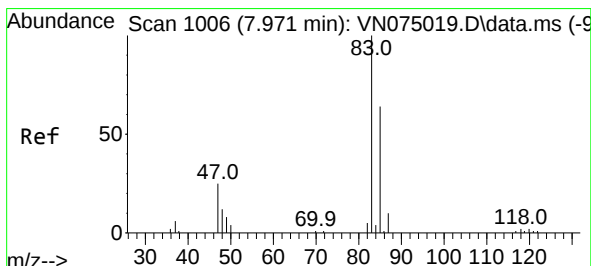
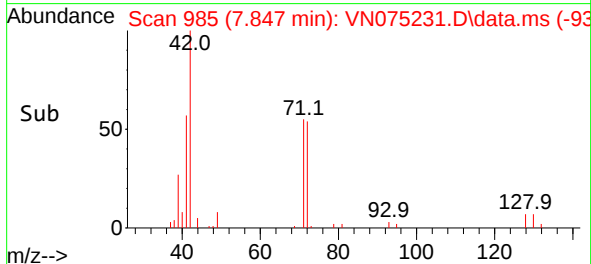
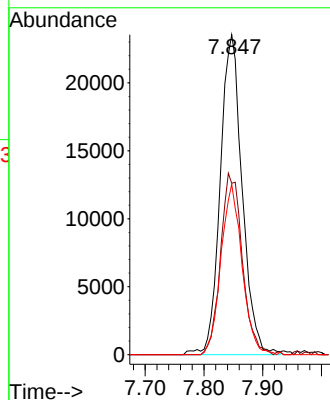
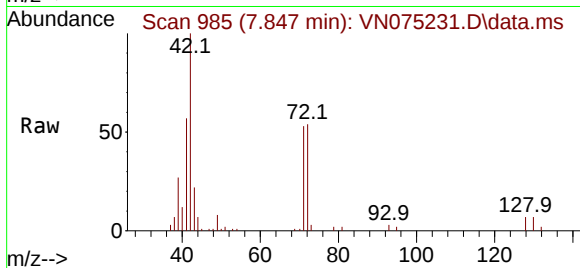
Ion	Ratio	Lower	Upper
42	100		
72	56.2	43.0	64.6
71	51.2	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

Chloroform

Concen: 19.494 ug/l

RT: 7.977 min Scan# 1007

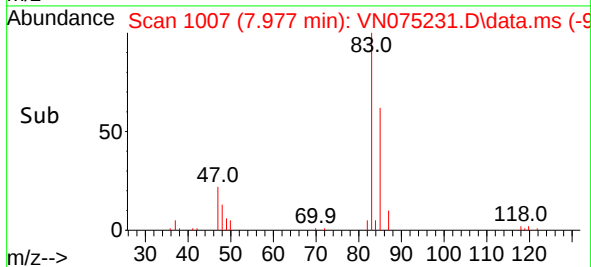
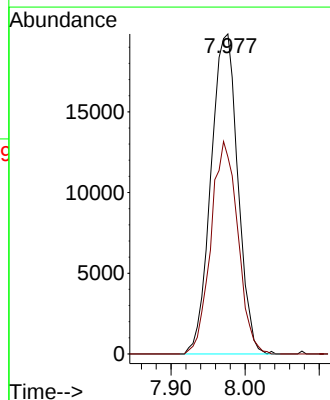
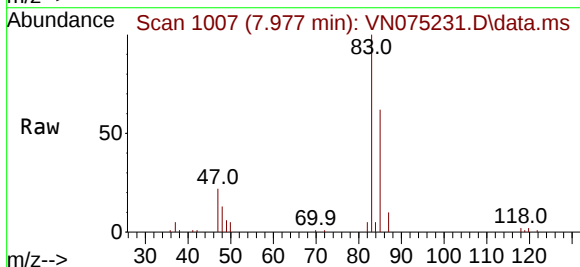
Delta R.T. 0.006 min

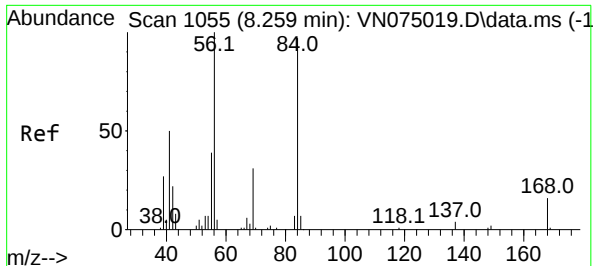
Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion: 83 Resp: 49998

Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.4	77.0





#31

Cyclohexane

Concen: 17.905 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

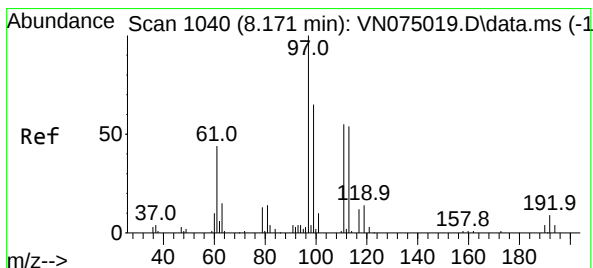
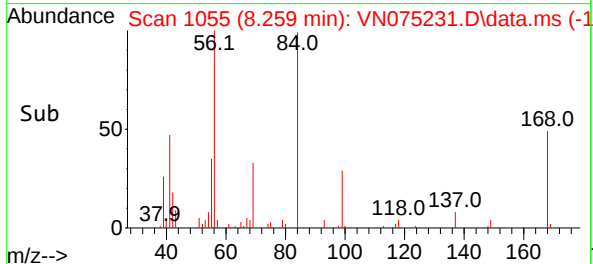
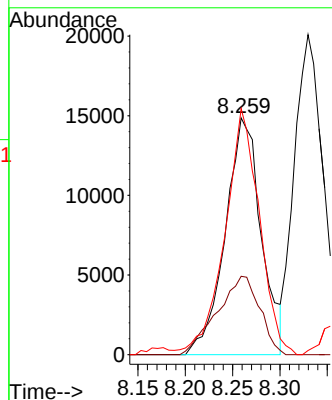
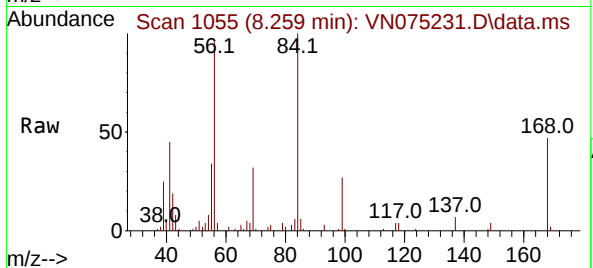
Tgt Ion:	56	Resp:	3922
Ion Ratio	Lower	Upper	
56	100		
69	33.1	25.2	37.8
84	101.8	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#32

1,1,1-Trichloroethane

Concen: 18.889 ug/l

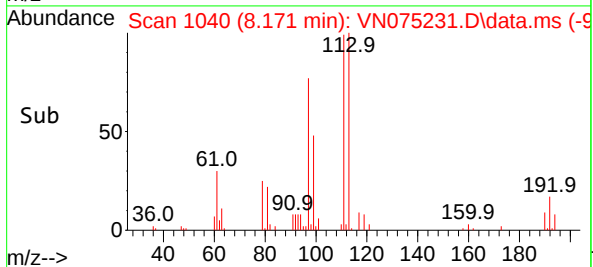
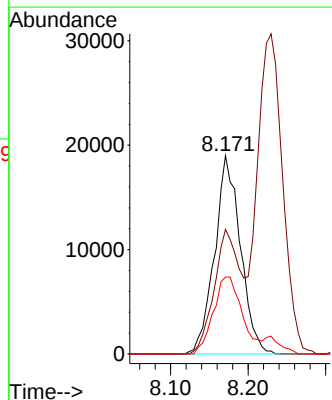
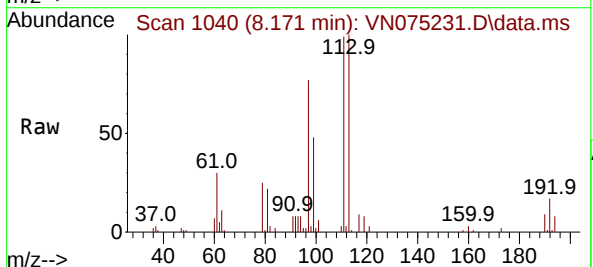
RT: 8.171 min Scan# 1040

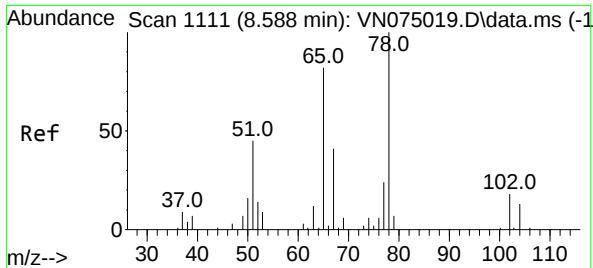
Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:	97	Resp:	43995
Ion Ratio	Lower	Upper	
97	100		
99	61.7	50.2	75.2
61	43.7	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 47.593 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 65 Resp: 70104

Ion Ratio Lower Upper

65 100

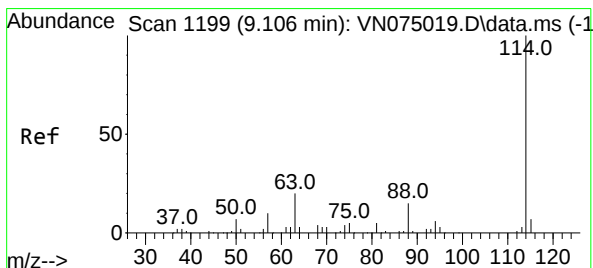
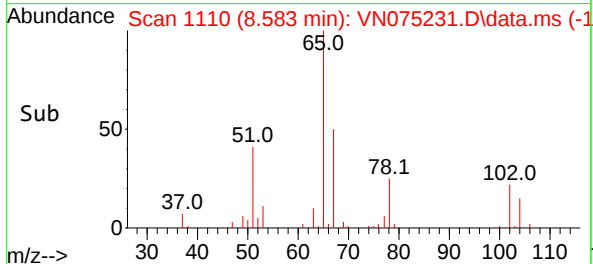
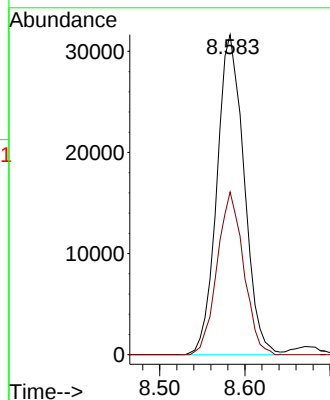
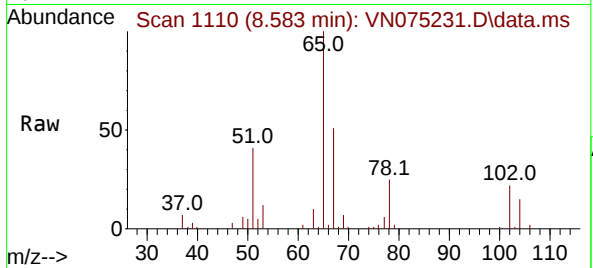
67 49.7 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

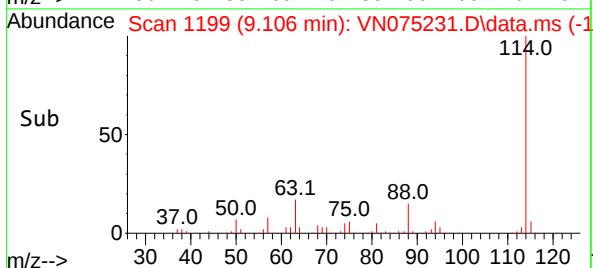
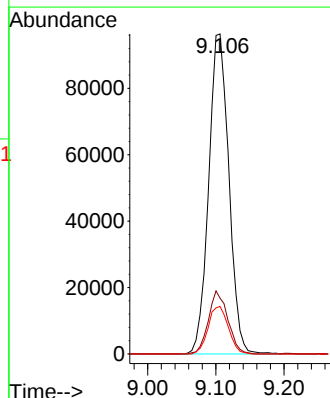
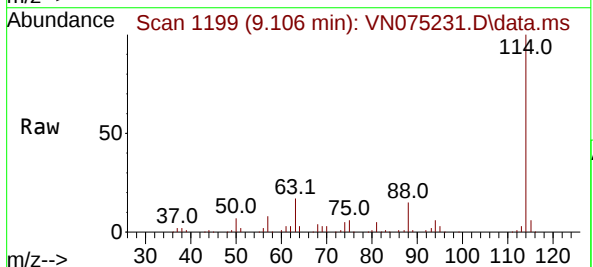
Tgt Ion:114 Resp: 198667

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.499 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

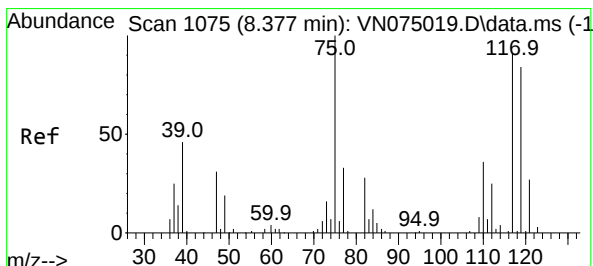
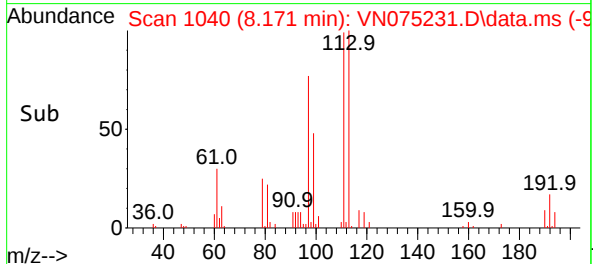
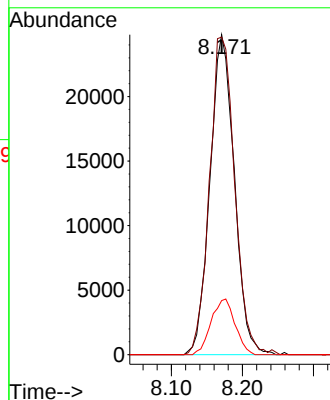
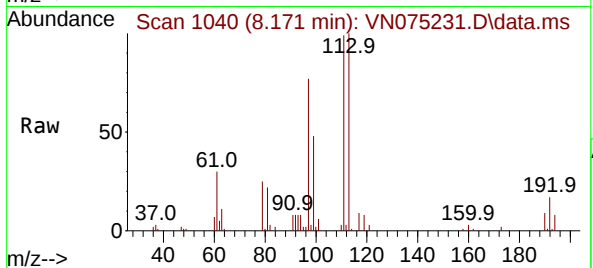
Tgt Ion:	113	Resp:	5889
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.5	120.7
192	17.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#36

1,1-Dichloropropene

Concen: 19.222 ug/l

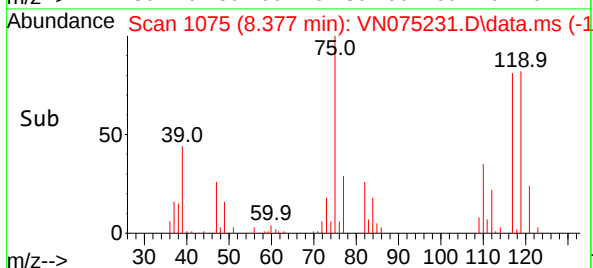
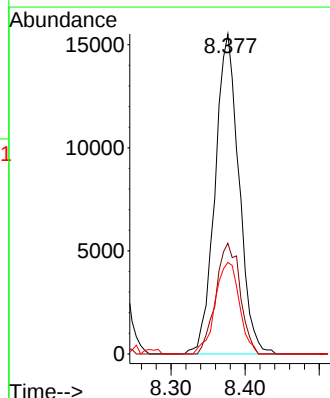
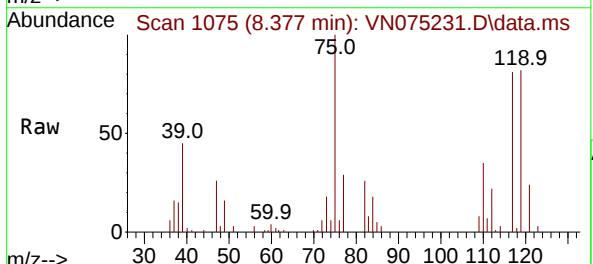
RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:	75	Resp:	34707
Ion Ratio	Lower	Upper	
75	100		
110	35.0	17.8	53.3
77	29.1	24.6	37.0





#37

Ethyl Acetate

Concen: 19.627 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 43 Resp: 38864

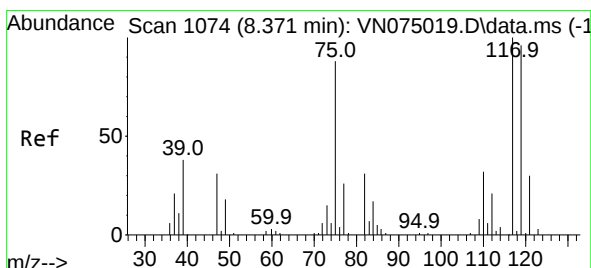
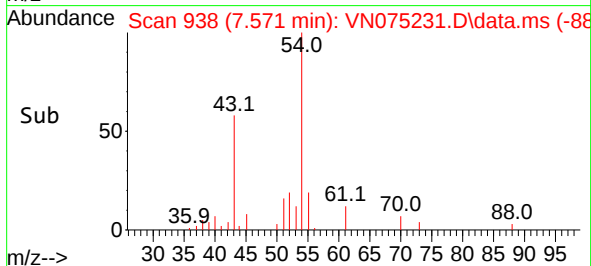
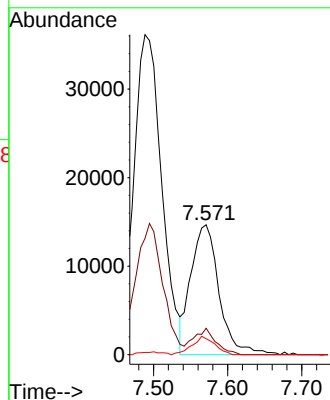
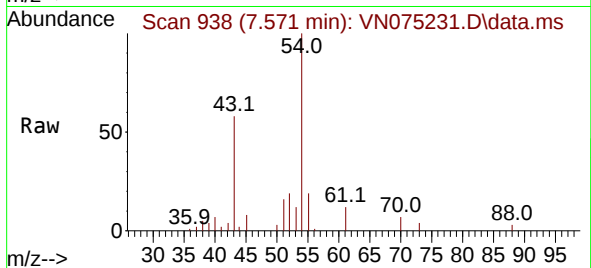
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.2	18.4
70	11.2	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#38

Carbon Tetrachloride

Concen: 19.480 ug/l

RT: 8.365 min Scan# 1073

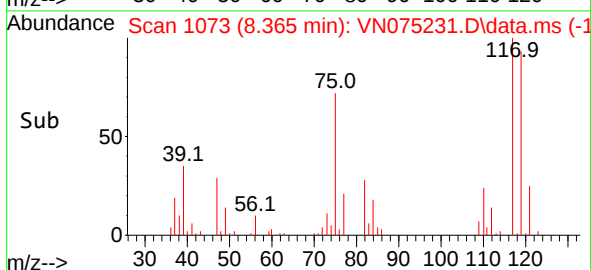
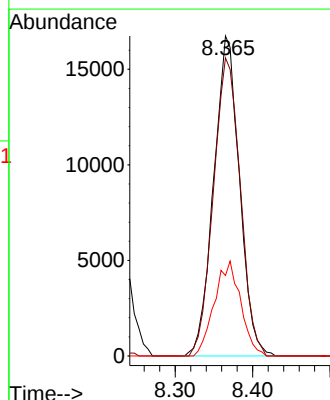
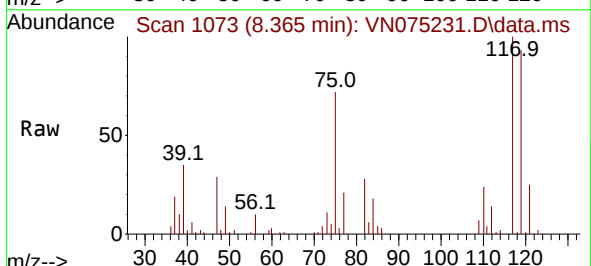
Delta R.T. -0.006 min

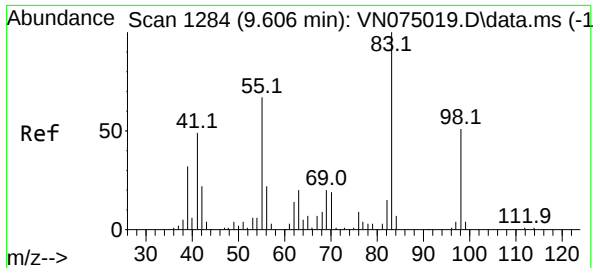
Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:117 Resp: 38691

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.7	115.1
121	25.1	23.9	35.9





#39

Methylcyclohexane

Concen: 17.574 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 83 Resp: 4189

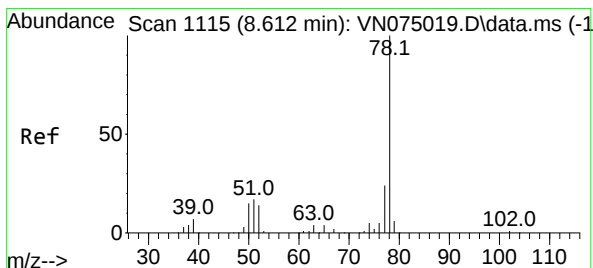
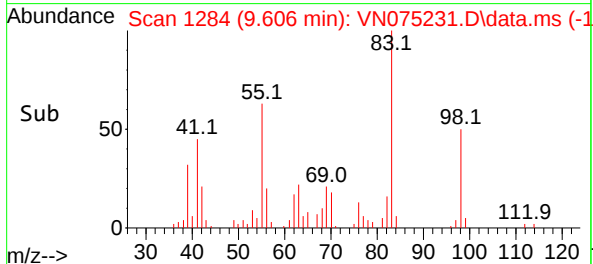
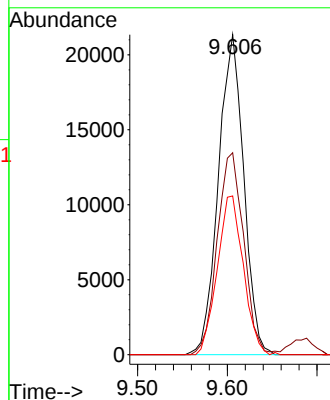
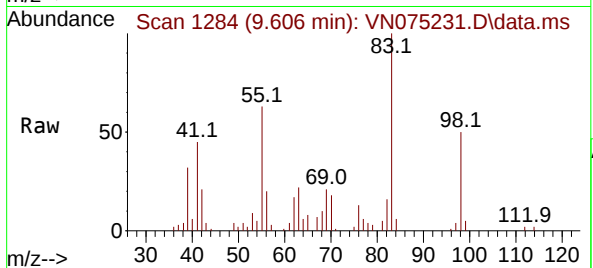
Ion	Ratio	Lower	Upper
83	100		
55	63.1	53.6	80.4
98	49.6	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Benzene

Concen: 19.011 ug/l

RT: 8.612 min Scan# 1115

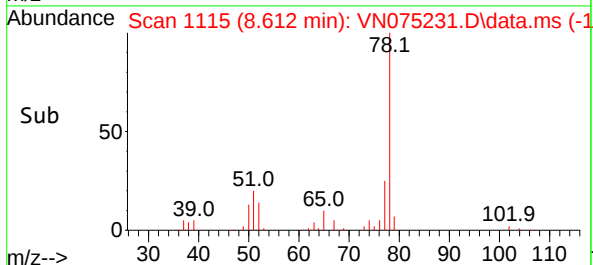
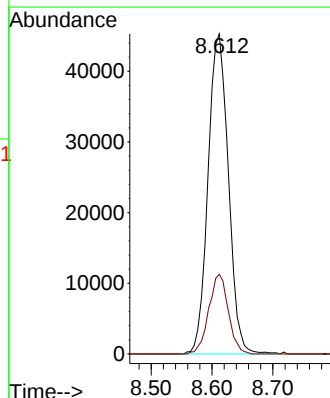
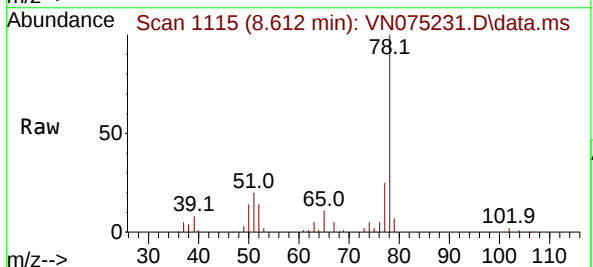
Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion: 78 Resp: 105100

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0





#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 7.788 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

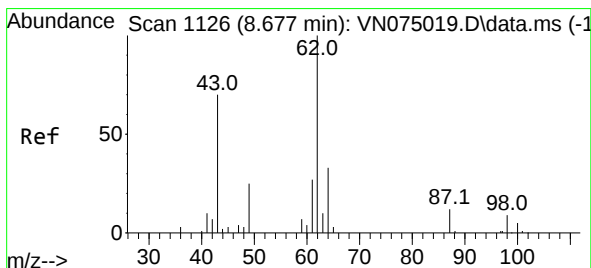
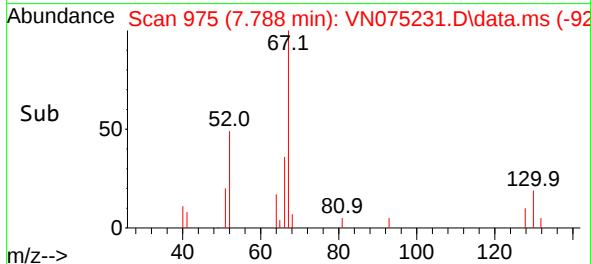
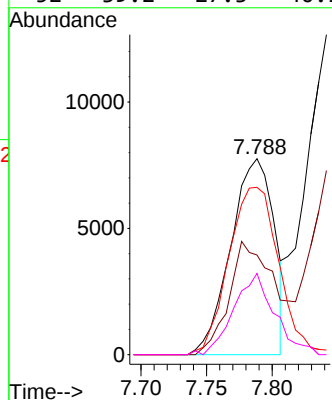
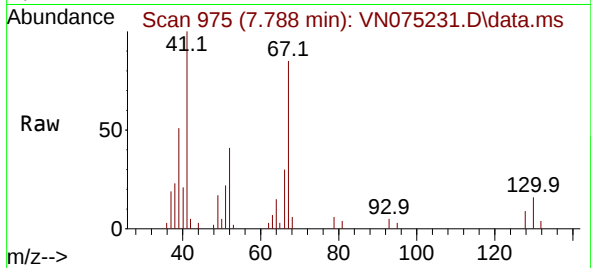
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 41 Resp: 17819

Ion	Ratio	Lower	Upper
41	100		
39	64.1	44.4	66.6
67	98.4	69.8	104.6
52	39.2	27.3	40.9

Manual Integrations
APPROVED

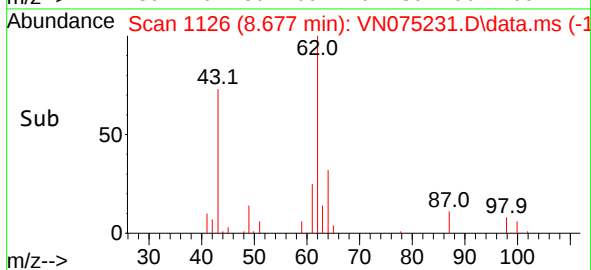
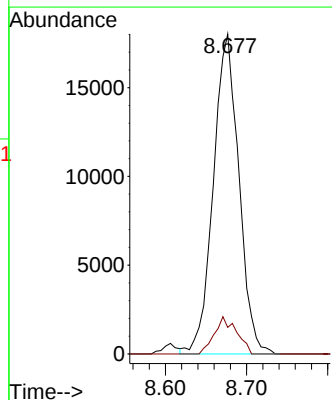
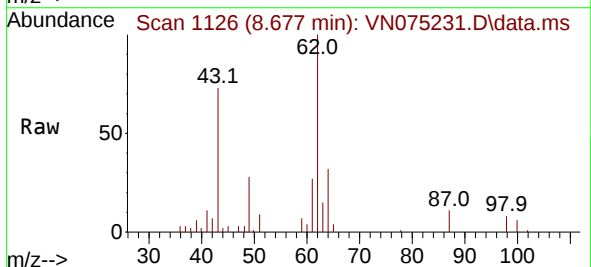
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

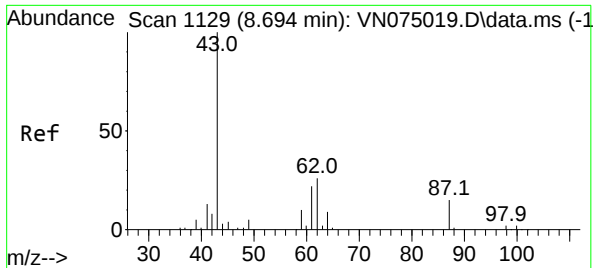


#42
1,2-Dichloroethane
Concen: 19.596 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 62 Resp: 39415

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.218 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

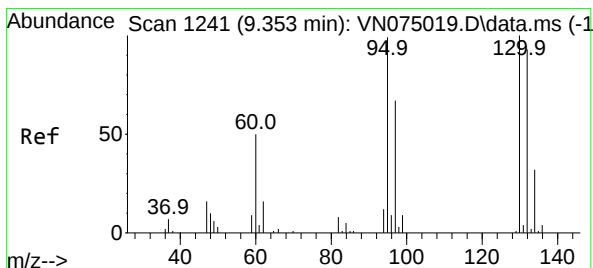
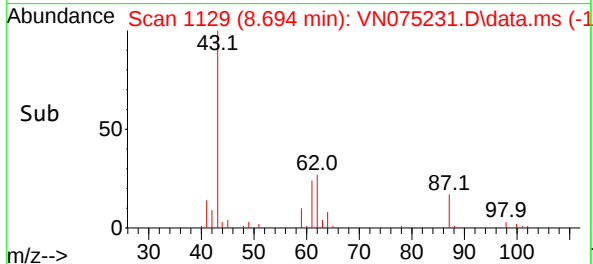
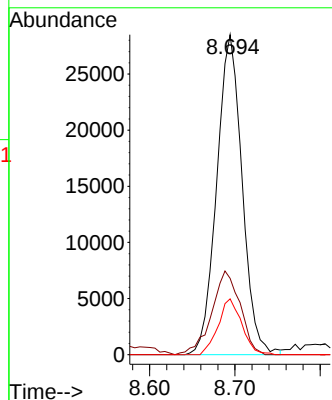
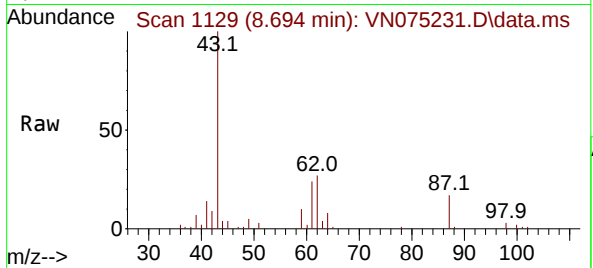
Tgt Ion: 43	Resp: 59029
Ion Ratio	Lower Upper
43 100	
61 29.2	22.4 33.6
87 16.2	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#44

Trichloroethene

Concen: 20.330 ug/l

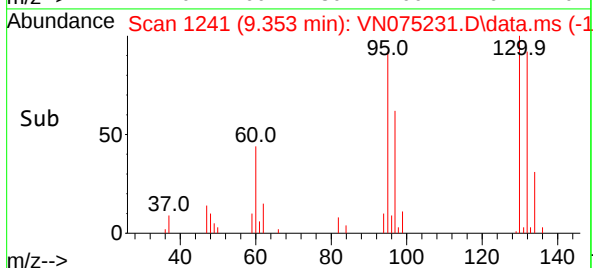
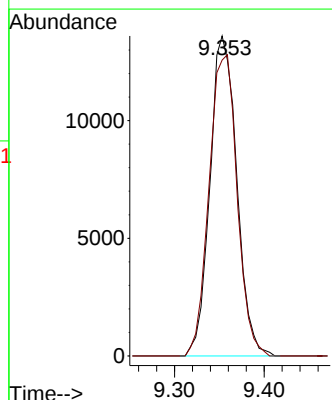
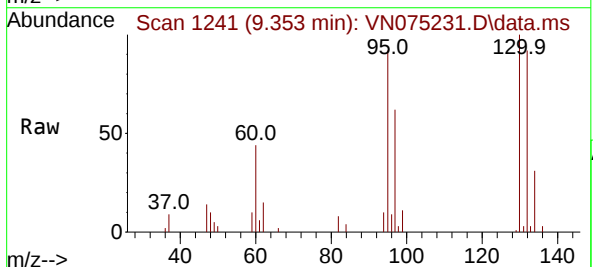
RT: 9.353 min Scan# 1241

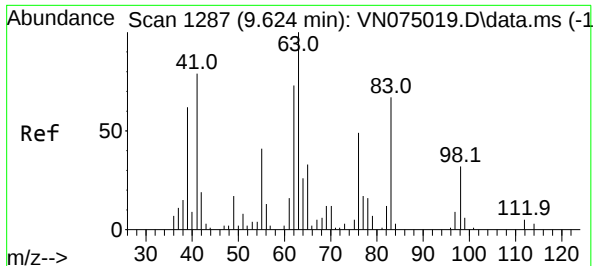
Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:130	Resp: 28198
Ion Ratio	Lower Upper
130 100	
95 92.5	0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.670 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 63 Resp: 25879

Ion Ratio Lower Upper

63 100

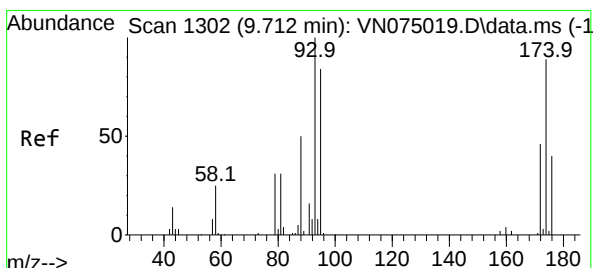
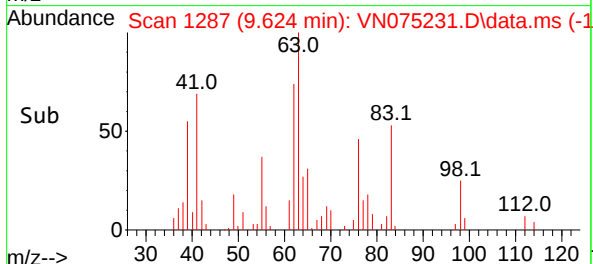
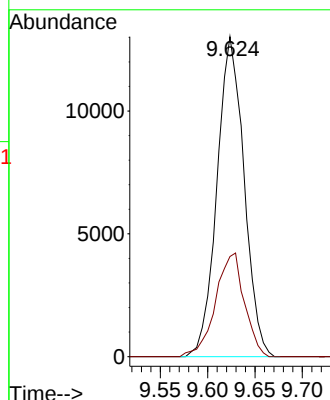
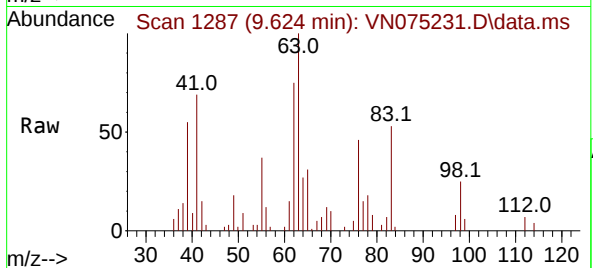
65 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Dibromomethane

Concen: 20.170 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

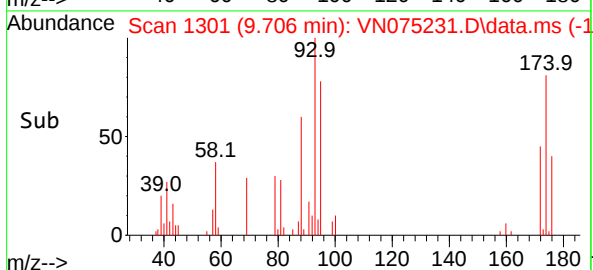
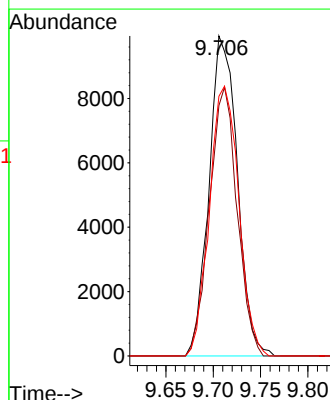
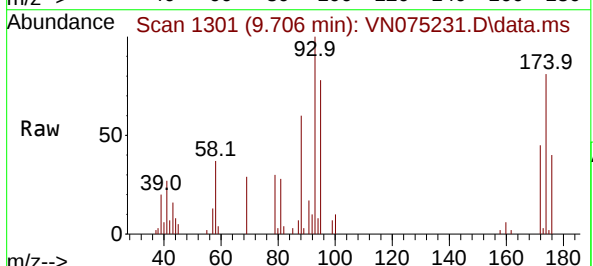
Tgt Ion: 93 Resp: 20675

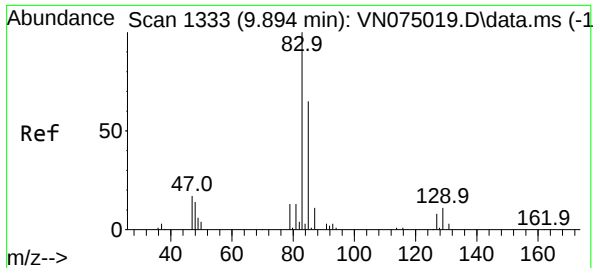
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 87.3 70.3 105.5





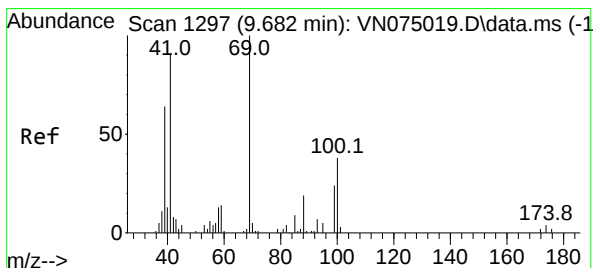
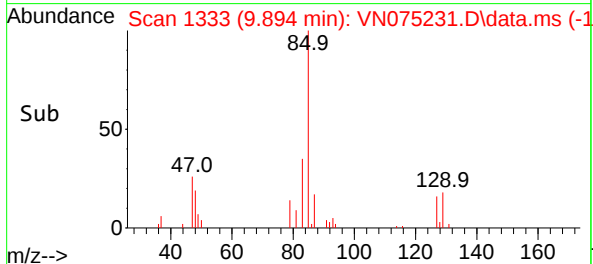
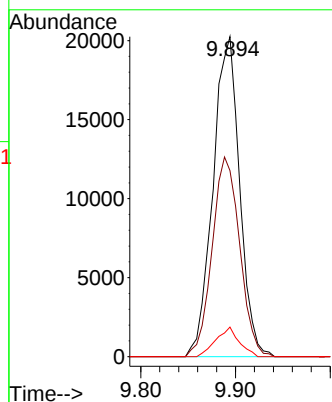
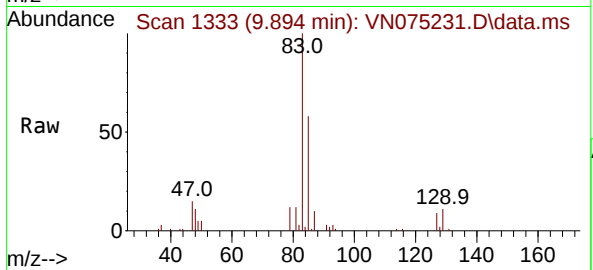
#47
Bromodichloromethane
Concen: 19.929 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 83 Resp: 39558
Ion Ratio Lower Upper
83 100
85 58.2 52.1 78.1
127 9.3 6.6 10.0

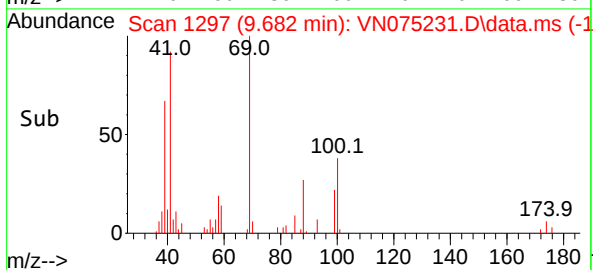
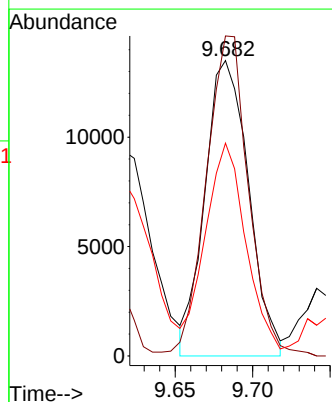
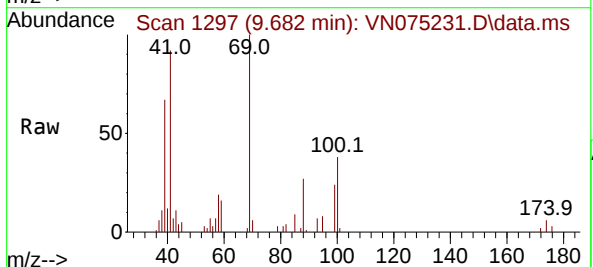
Manual Integrations
APPROVED

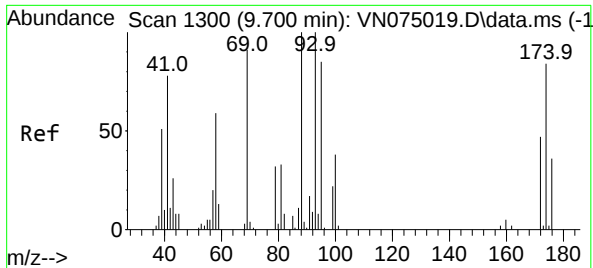
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
Methyl methacrylate
Concen: 18.813 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 41 Resp: 26507
Ion Ratio Lower Upper
41 100
69 104.6 80.2 120.2
39 67.8 56.2 84.2





#49

1,4-Dioxane

Concen: 403.472 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 88 Resp: 1488

Ion Ratio Lower Upper

88 100

43 29.0 17.5 26.3

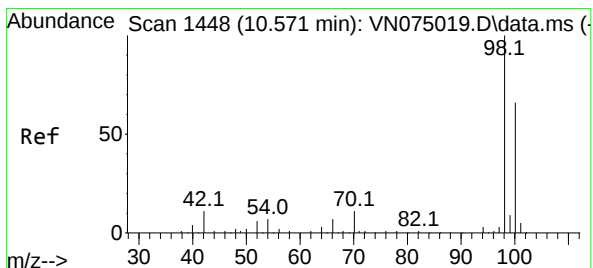
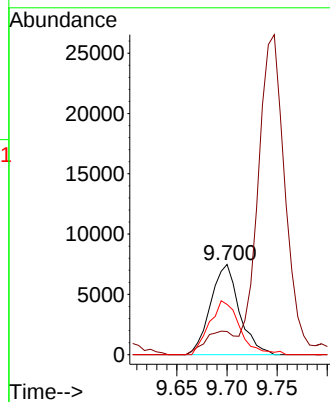
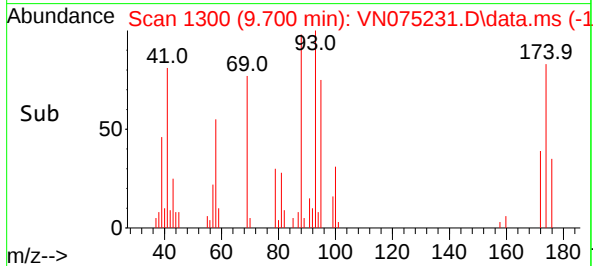
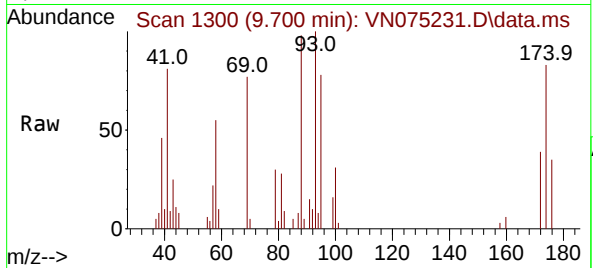
58 63.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

Toluene-d8

Concen: 47.784 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075231.D

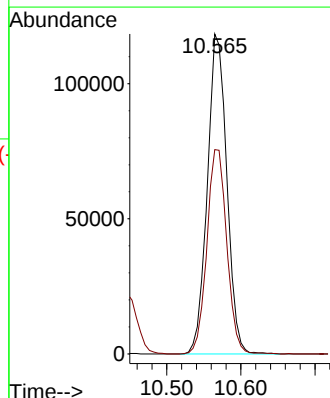
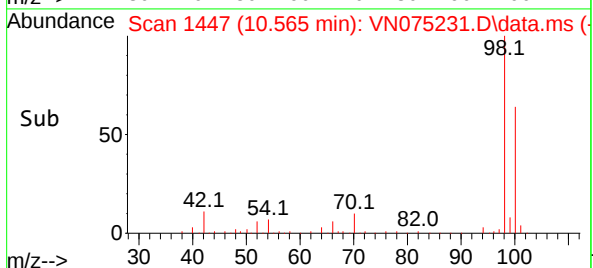
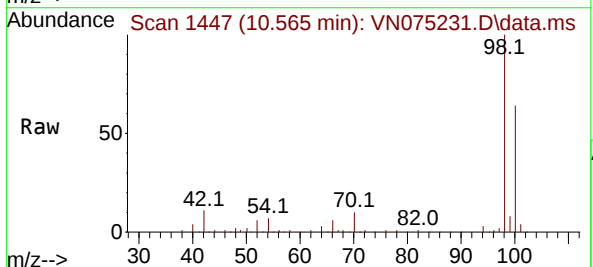
Acq: 10 Nov 2022 13:35

Tgt Ion: 98 Resp: 216215

Ion Ratio Lower Upper

98 100

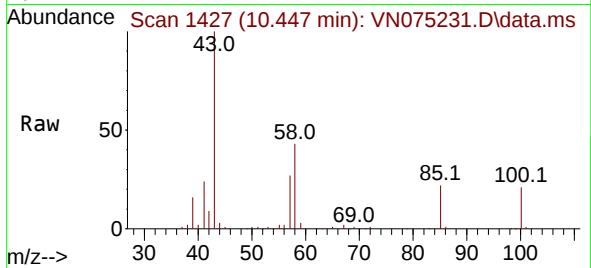
100 65.3 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 97.923 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

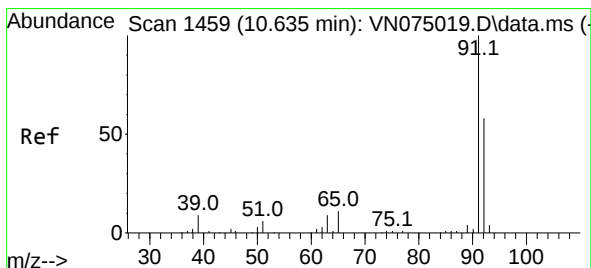
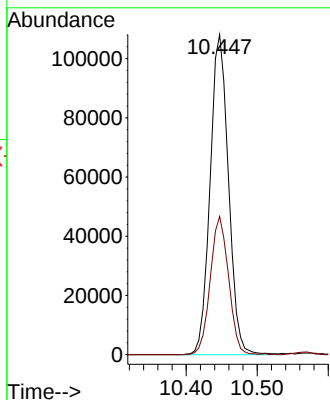
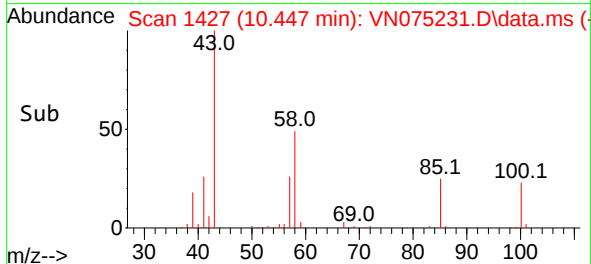
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 43 Resp: 194088
Ion Ratio Lower Upper
43 100
58 43.0 33.6 50.4

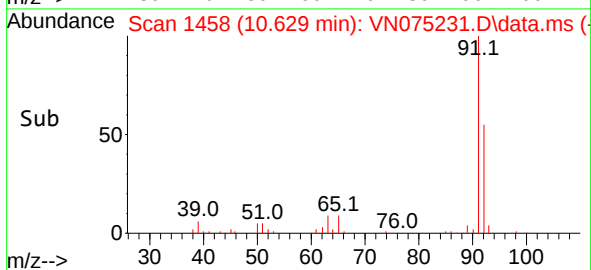
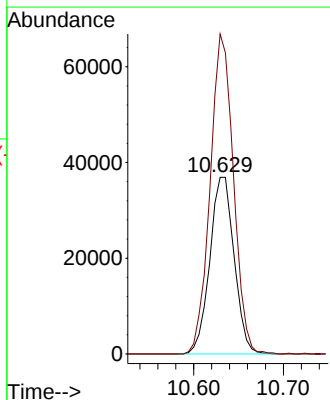
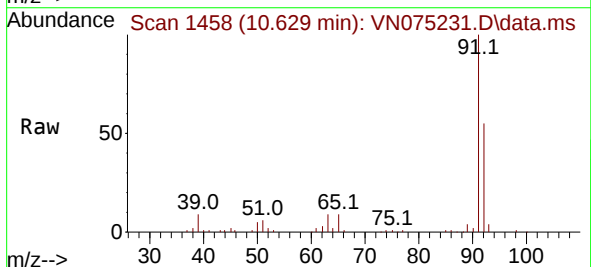
Manual Integrations
APPROVED

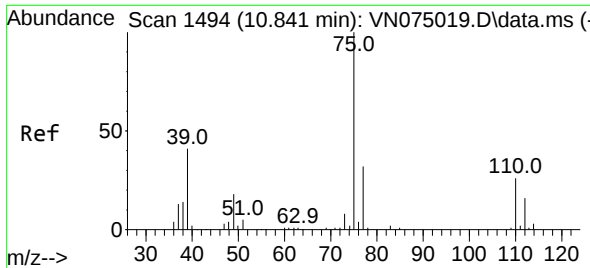
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Toluene
Concen: 18.814 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 92 Resp: 69528
Ion Ratio Lower Upper
92 100
91 173.5 135.4 203.2





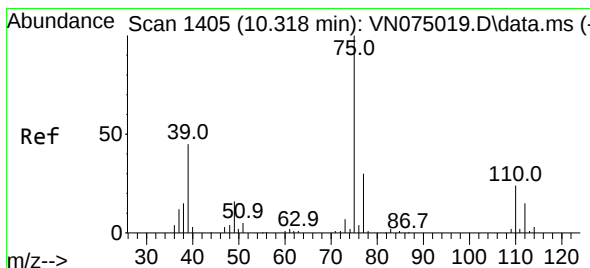
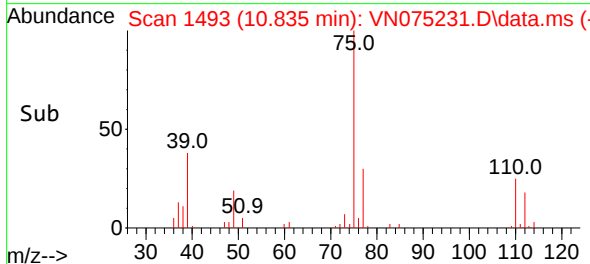
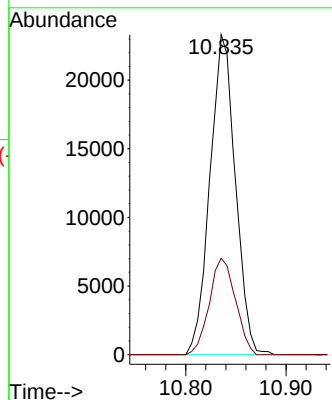
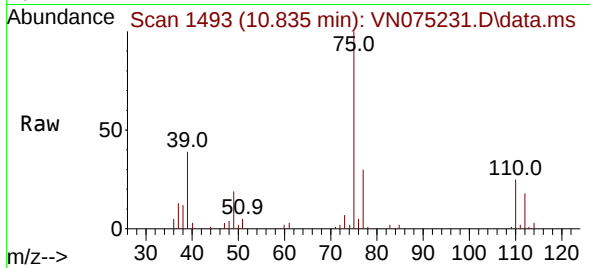
#53
 t-1,3-Dichloropropene
 Concen: 19.586 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075231.D
 Acq: 10 Nov 2022 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01

Tgt Ion: 75 Resp: 41035
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2

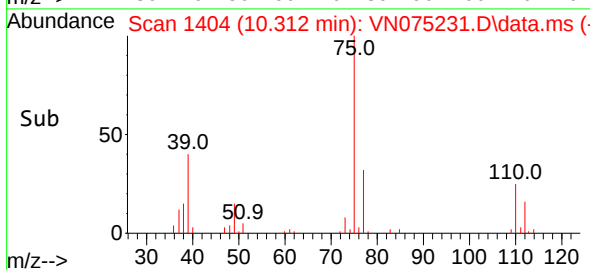
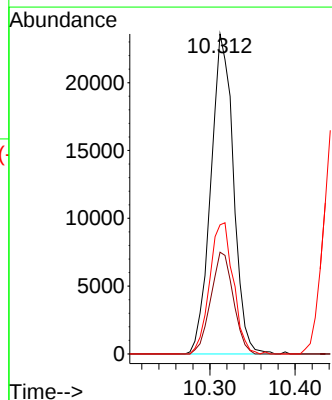
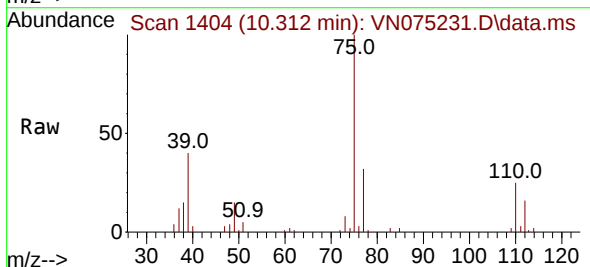
Manual Integrations
 APPROVED

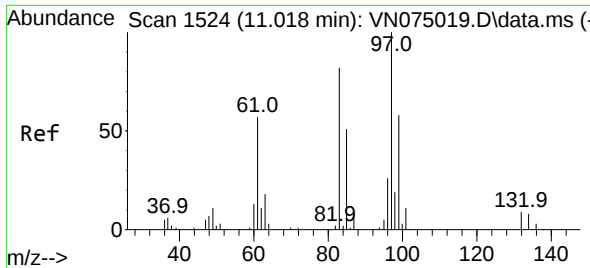
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.572 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075231.D
 Acq: 10 Nov 2022 13:35

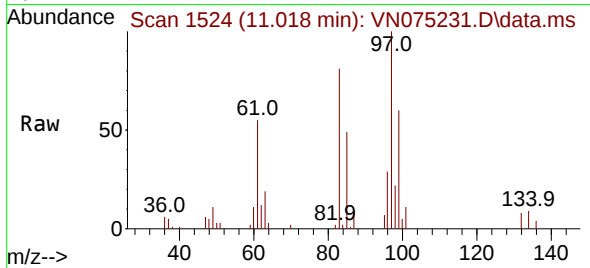
Tgt Ion: 75 Resp: 43493
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.7 35.5
 39 40.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.059 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

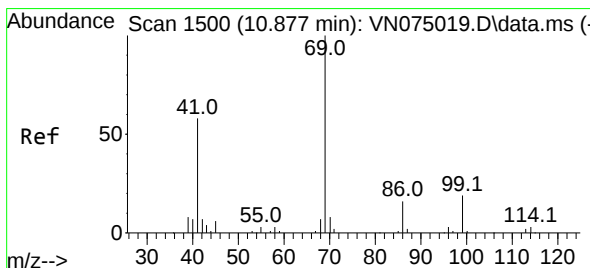
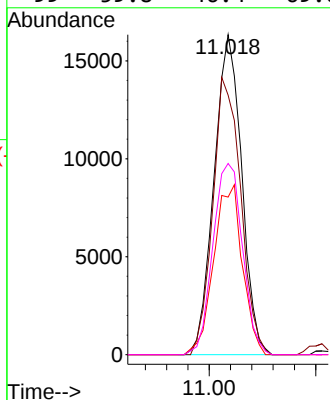
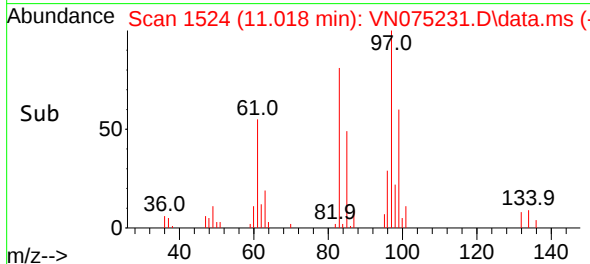


Tgt Ion: 97 Resp: 2939

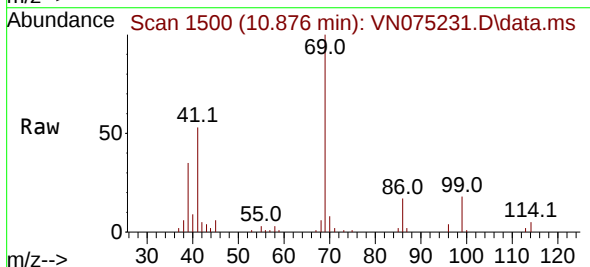
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.9	98.9
85	49.3	40.4	60.6
99	59.8	46.4	69.6

Manual Integrations
APPROVED

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

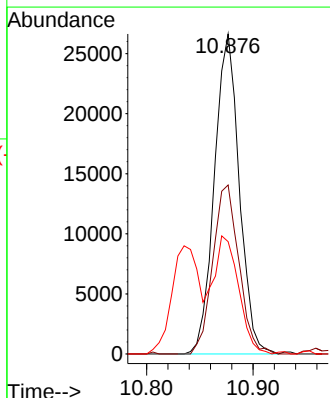
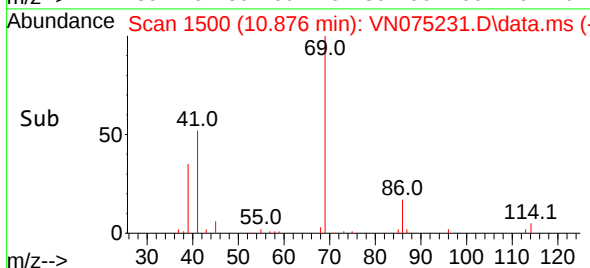


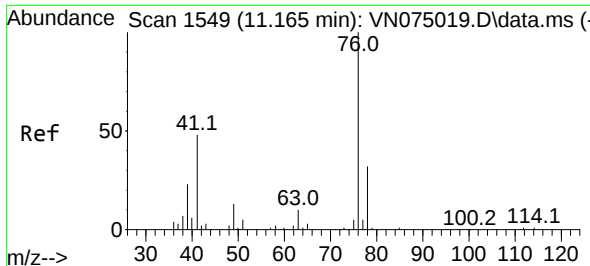
#56
Ethyl methacrylate
Concen: 19.286 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion: 69 Resp: 43108

Ion	Ratio	Lower	Upper
69	100		
41	55.5	45.6	68.4
39	38.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.134 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 76 Resp: 4913

Ion Ratio Lower Upper

76 100

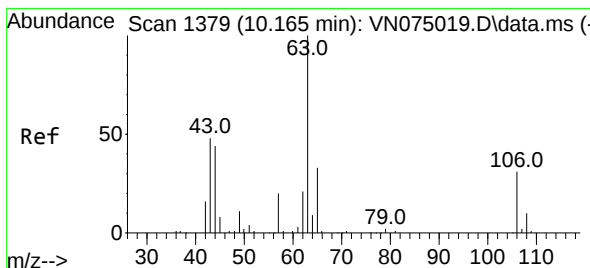
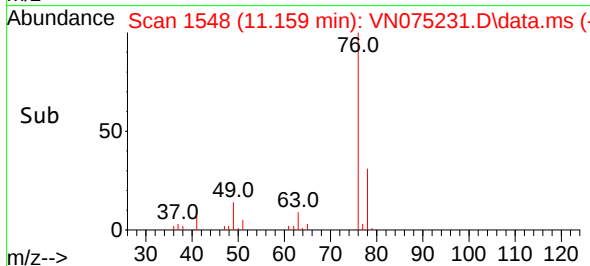
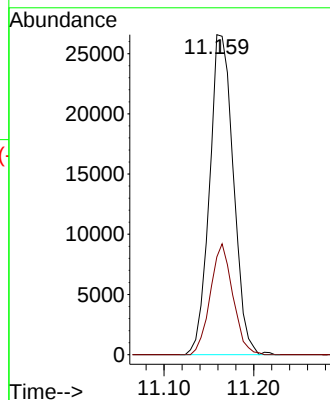
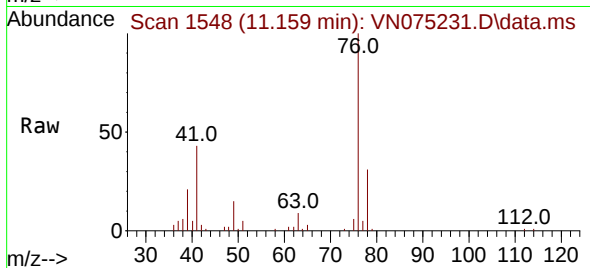
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 102.174 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075231.D

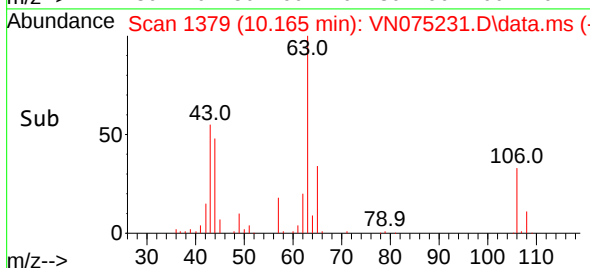
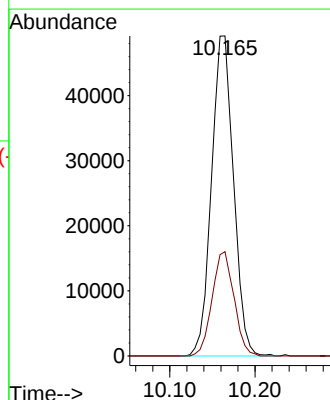
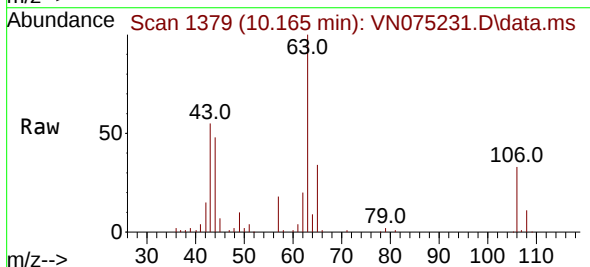
Acq: 10 Nov 2022 13:35

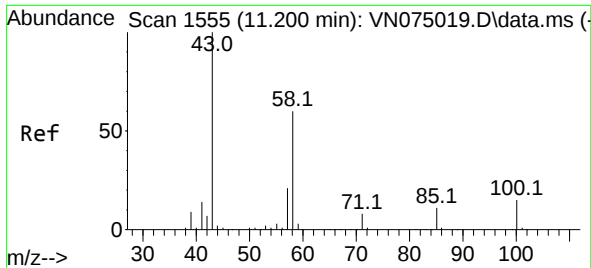
Tgt Ion: 63 Resp: 88291

Ion Ratio Lower Upper

63 100

106 32.4 24.8 37.2





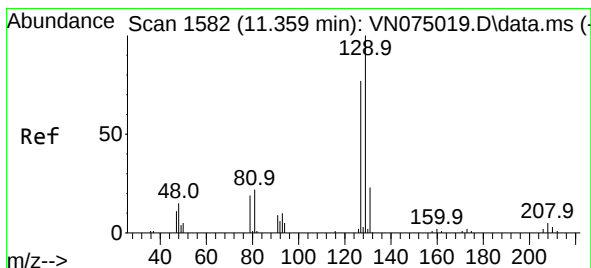
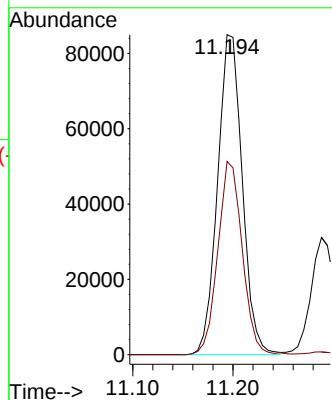
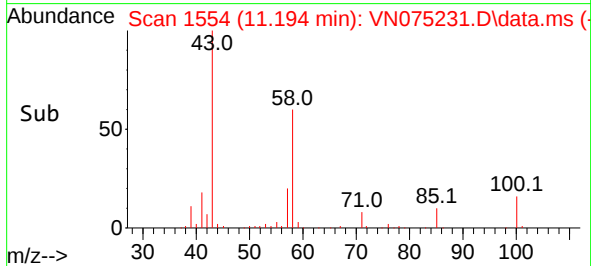
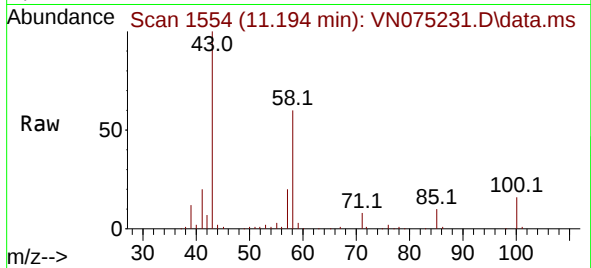
#59
2-Hexanone
Concen: 96.658 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 43 Resp: 145400
Ion Ratio Lower Upper
43 100
58 59.7 29.6 88.8

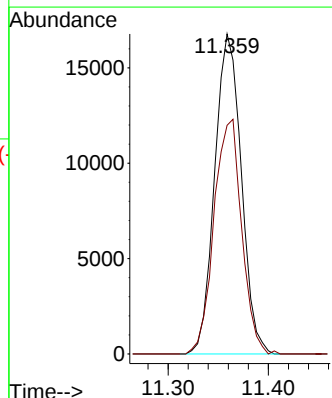
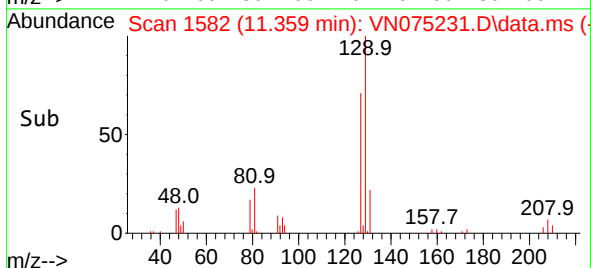
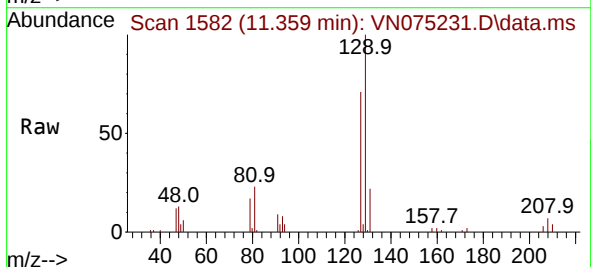
Manual Integrations
APPROVED

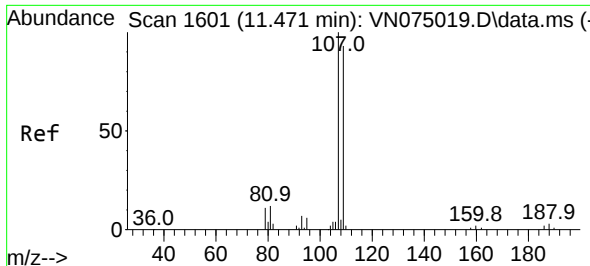
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
Dibromochloromethane
Concen: 19.987 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

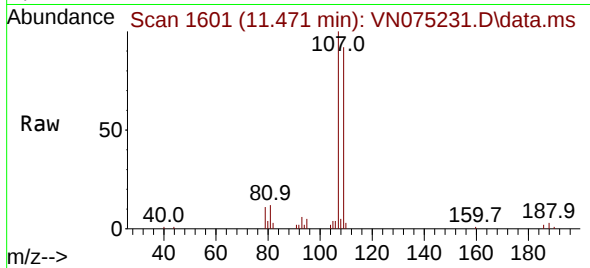
Tgt Ion:129 Resp: 30900
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.195 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

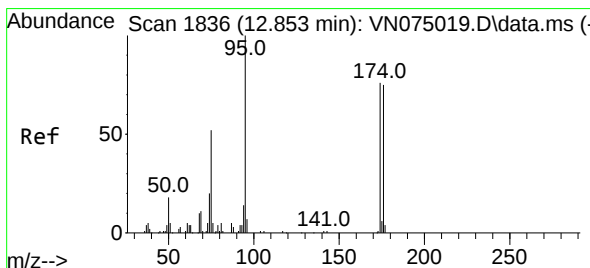
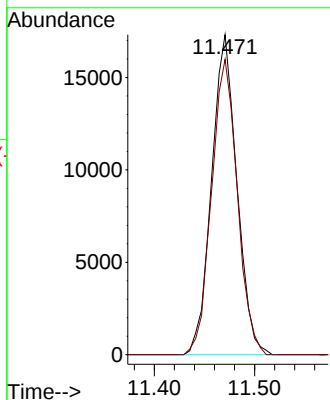
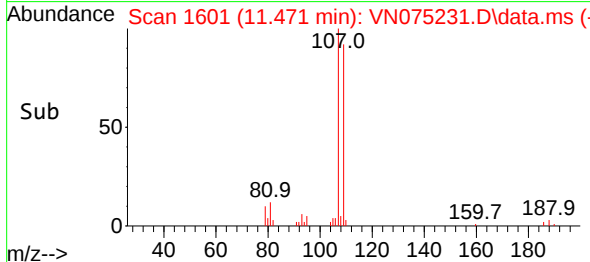
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



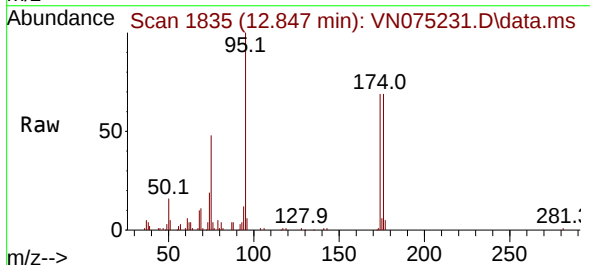
Tgt Ion:107 Resp: 3032
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
APPROVED

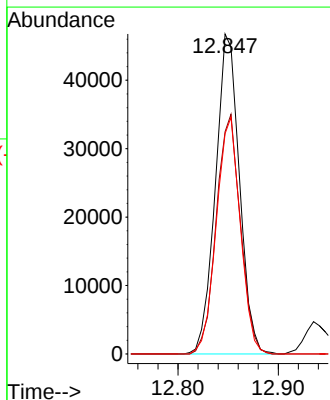
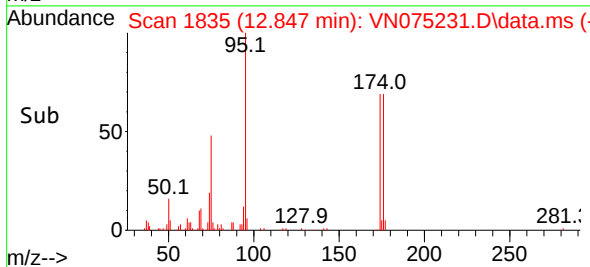
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

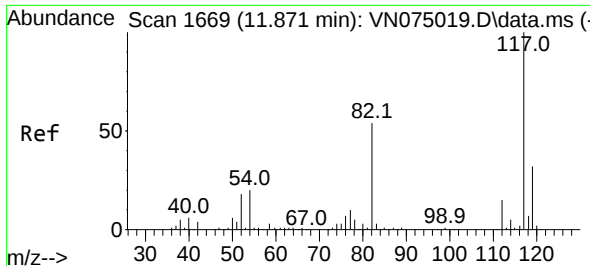


#62
4-Bromofluorobenzene
Concen: 48.869 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



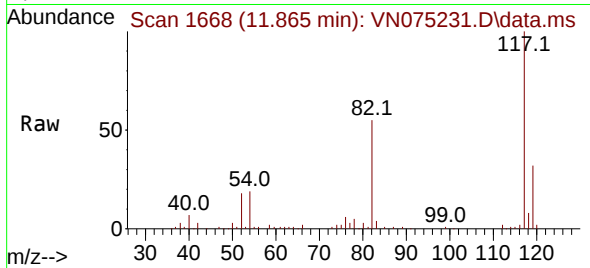
Tgt Ion: 95 Resp: 77676
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.4
176 73.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

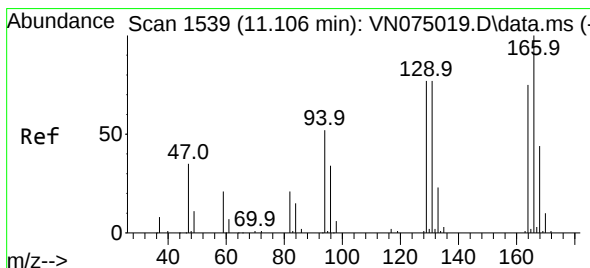
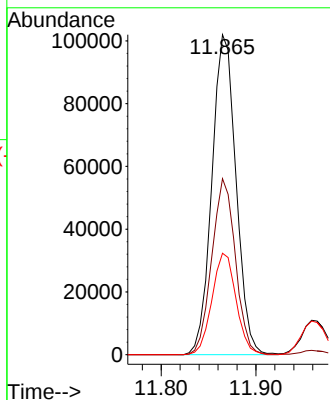
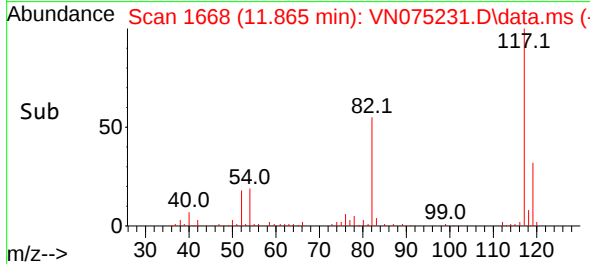
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



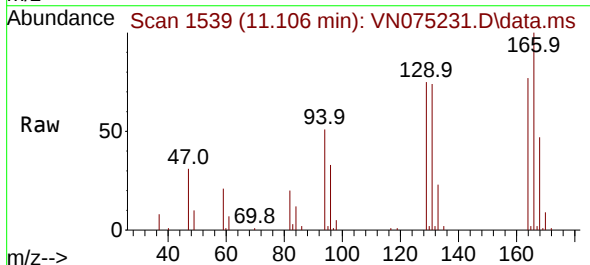
Tgt Ion:117 Resp: 180638
Ion Ratio Lower Upper
117 100
82 55.0 43.1 64.7
119 31.7 25.5 38.3

Manual Integrations
APPROVED

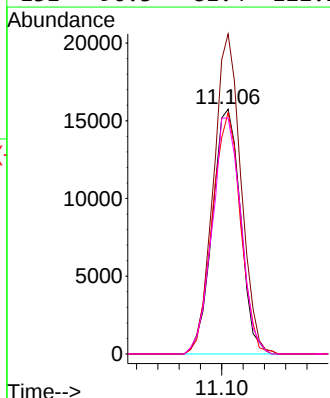
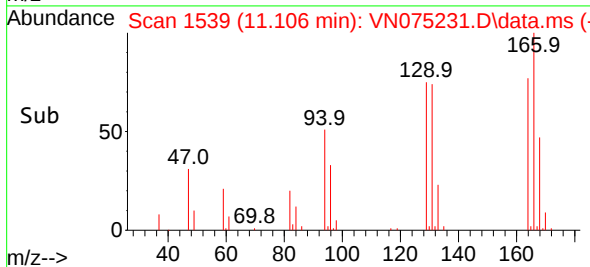
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

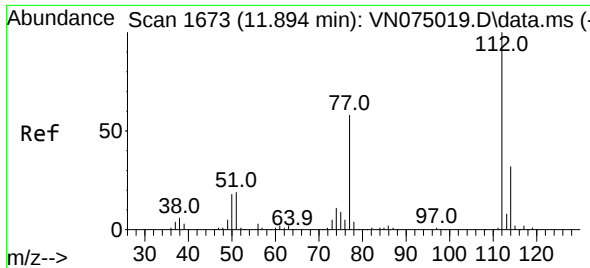


#64
Tetrachloroethene
Concen: 25.974 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion:164 Resp: 28765
Ion Ratio Lower Upper
164 100
166 130.7 106.5 159.7
129 98.6 81.9 122.9
131 96.3 81.4 122.2





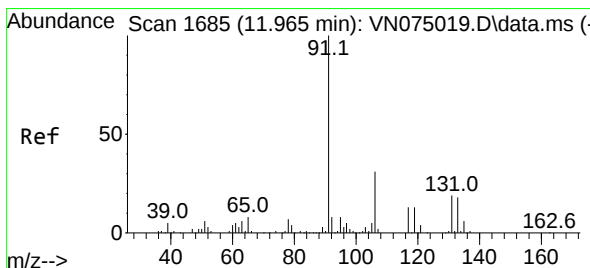
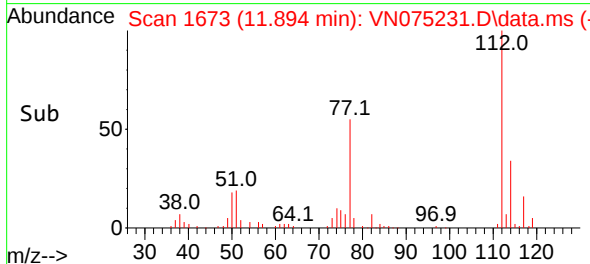
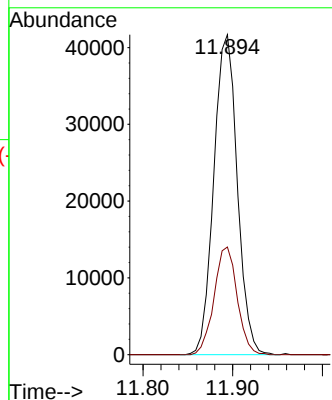
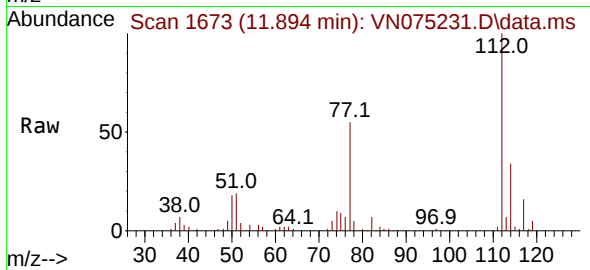
#65
Chlorobenzene
Concen: 19.621 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion:112 Resp: 75654
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2

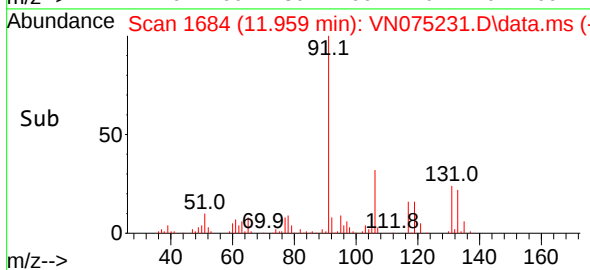
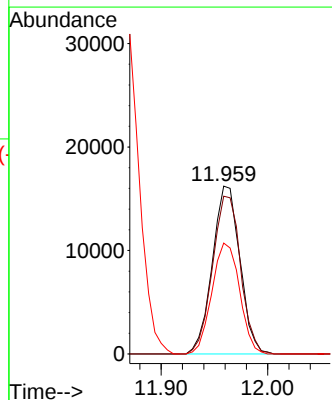
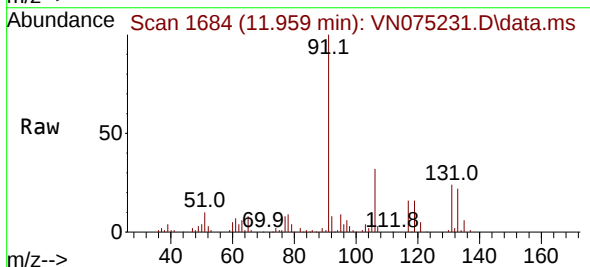
Manual Integrations
APPROVED

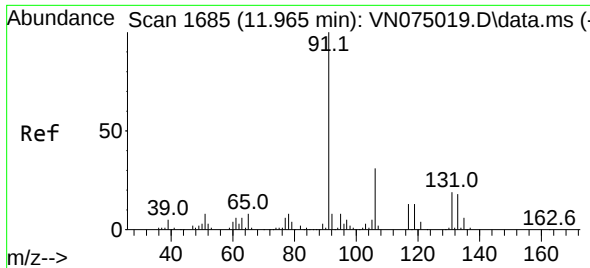
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.382 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

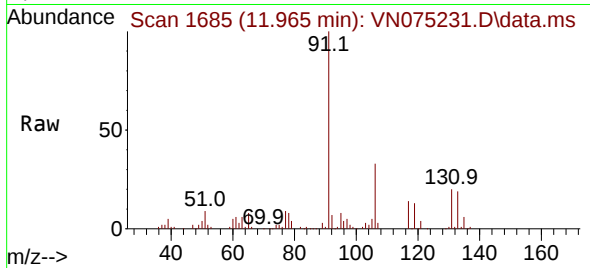
Tgt Ion:131 Resp: 29153
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 66.2 33.0 99.0





#67
Ethyl Benzene
Concen: 19.305 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

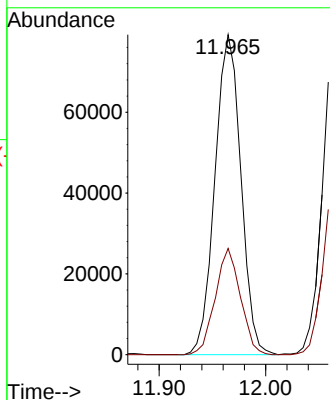
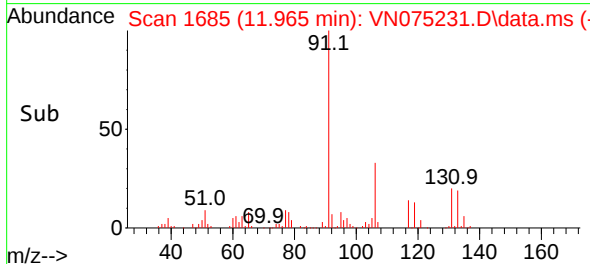
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



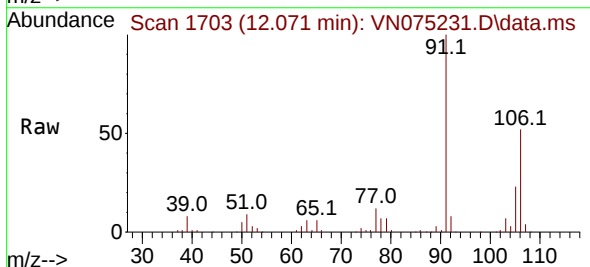
Tgt Ion: 91 Resp: 13392
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

Manual Integrations
APPROVED

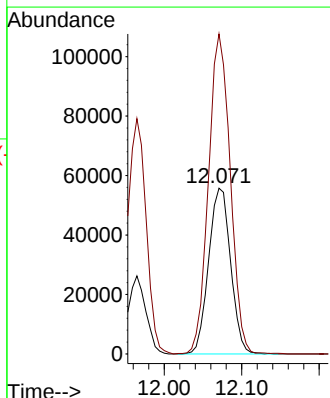
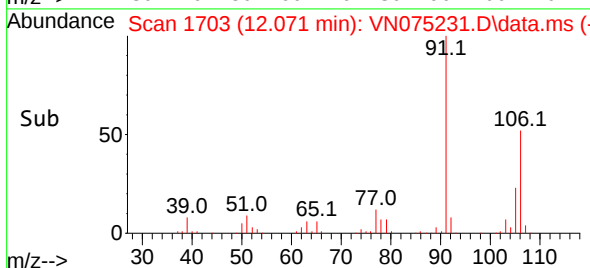
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

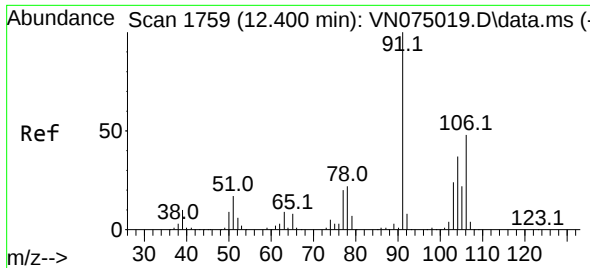


#68
m/p-Xylenes
Concen: 39.502 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion:106 Resp: 109953
Ion Ratio Lower Upper
106 100
91 191.4 156.0 234.0





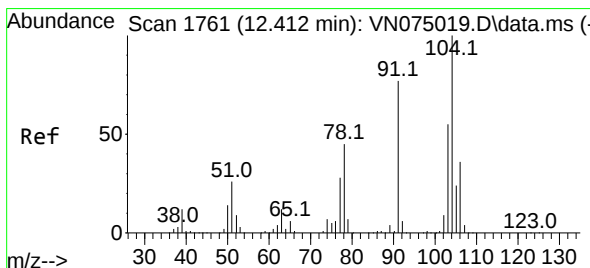
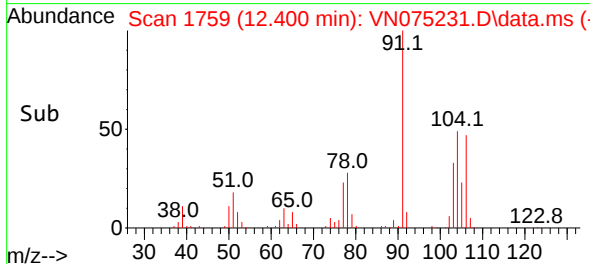
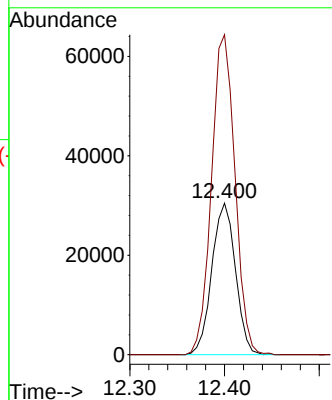
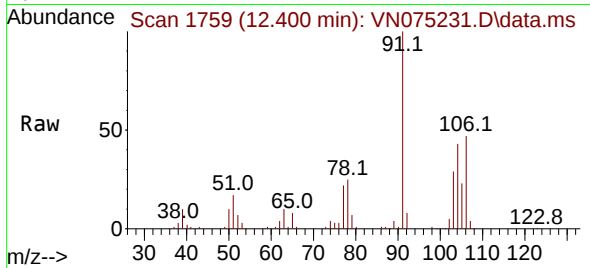
#69
o-Xylene
Concen: 19.197 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion:106 Resp: 52844
Ion Ratio Lower Upper
106 100
91 210.0 105.2 315.5

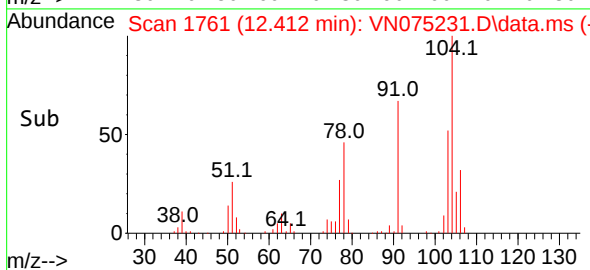
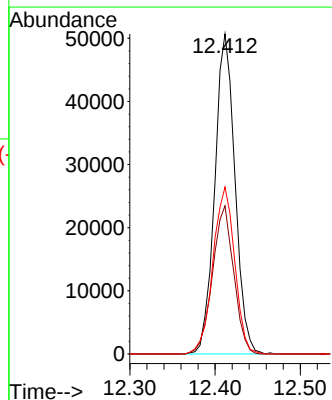
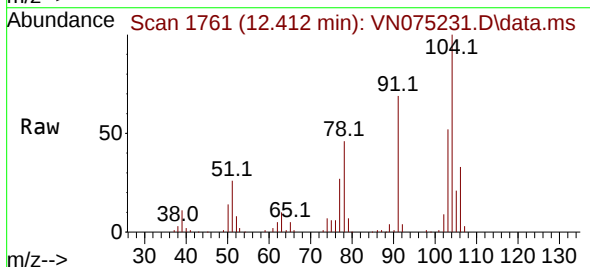
Manual Integrations
APPROVED

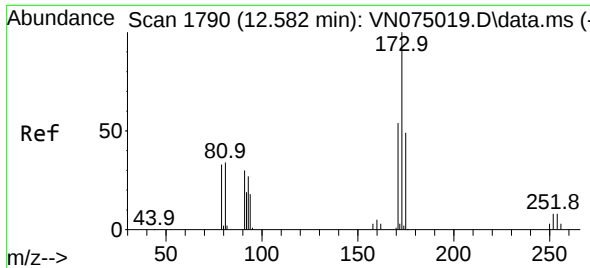
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
Styrene
Concen: 19.080 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

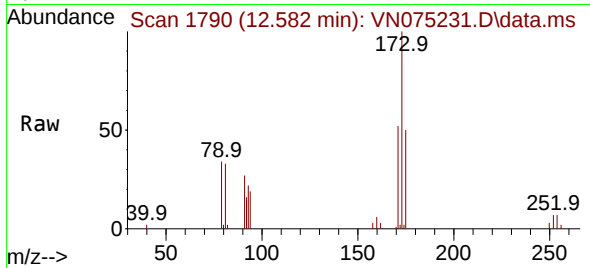
Tgt Ion:104 Resp: 83744
Ion Ratio Lower Upper
104 100
78 48.6 38.1 57.1
103 56.0 44.6 66.8





#71
Bromoform
Concen: 19.695 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

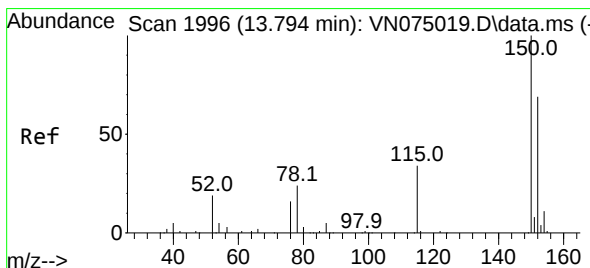
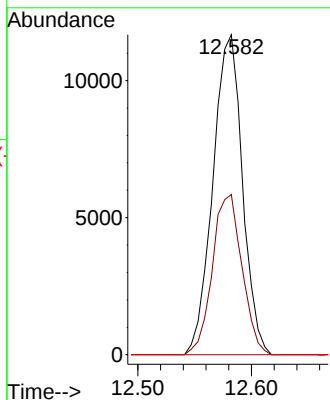
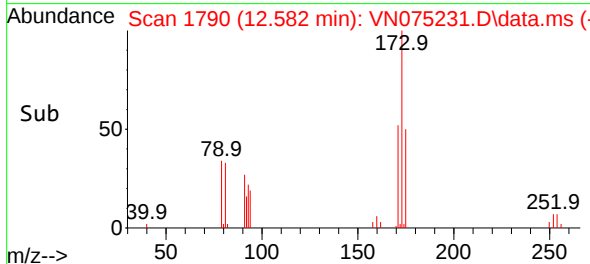
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



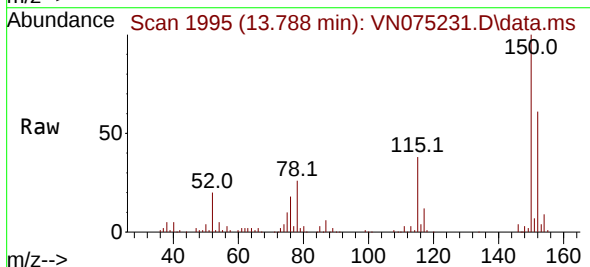
Tgt Ion:173 Resp: 2109
Ion Ratio Lower Upper
173 100
175 50.1 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

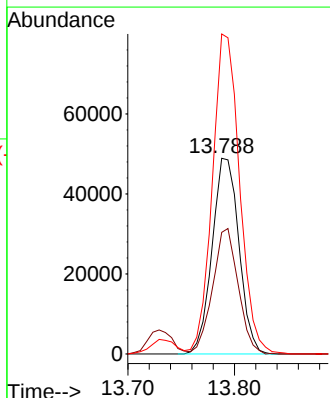
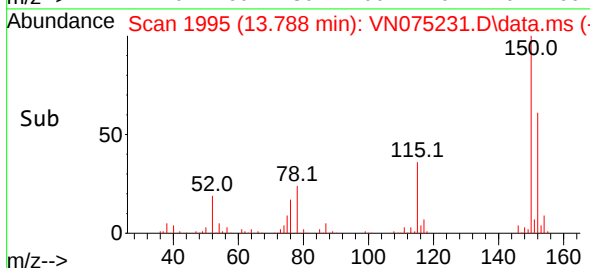
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

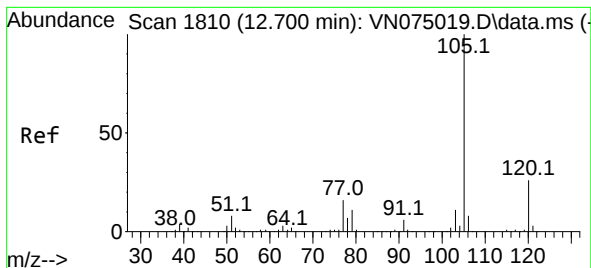


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion:152 Resp: 85435
Ion Ratio Lower Upper
152 100
115 61.2 30.2 90.6
150 166.2 0.0 348.4





#73

Isopropylbenzene

Concen: 19.940 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion:105 Resp: 13676

Ion Ratio Lower Upper

105 100

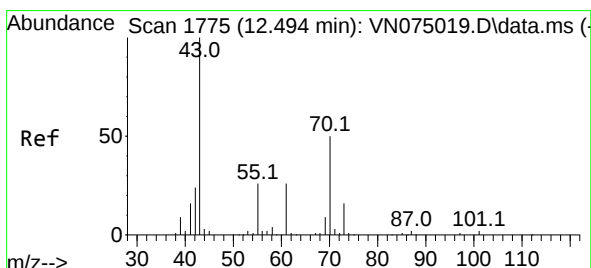
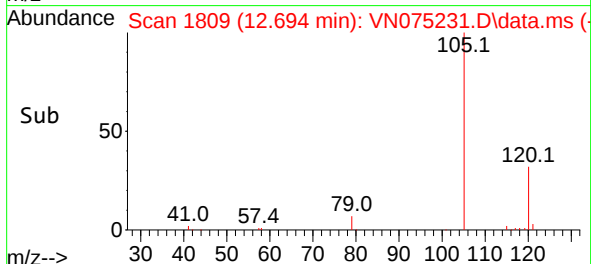
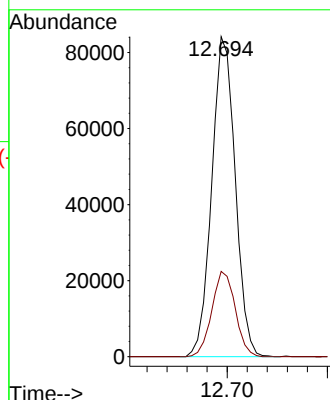
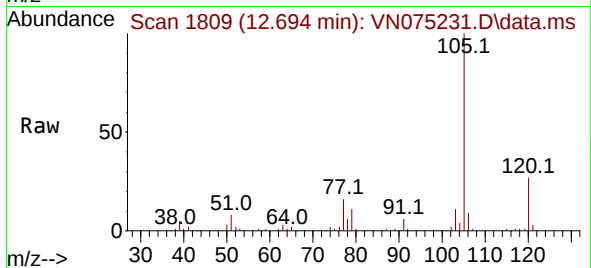
120 26.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#74

N-ethyl acetate

Concen: 18.190 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion: 43 Resp: 46143

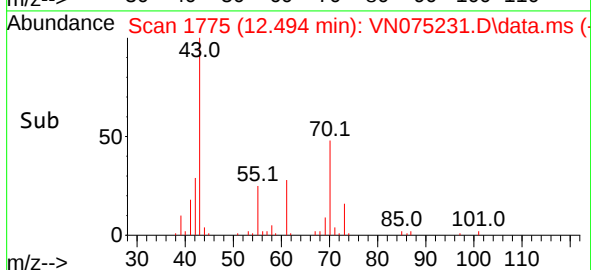
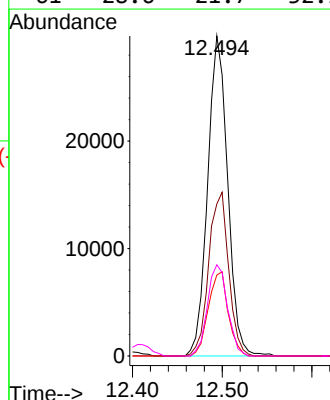
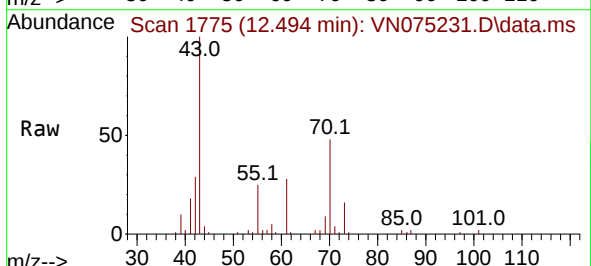
Ion Ratio Lower Upper

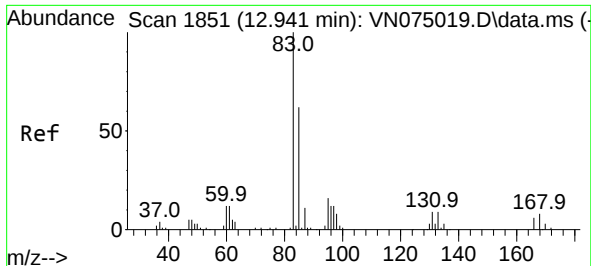
43 100

70 51.0 39.8 59.8

55 26.1 19.9 29.9

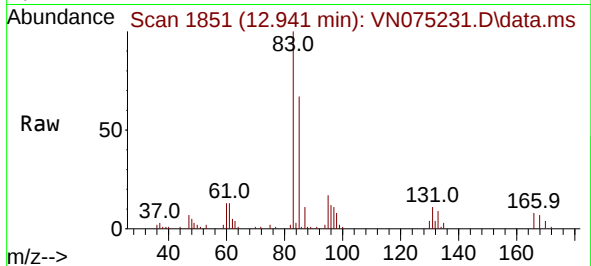
61 28.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.757 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

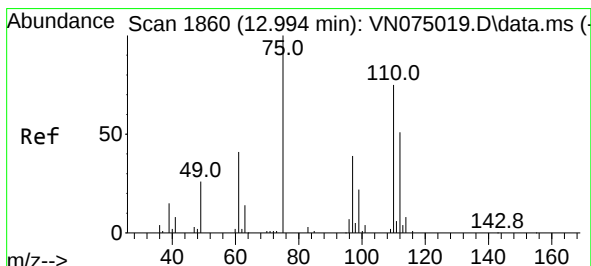
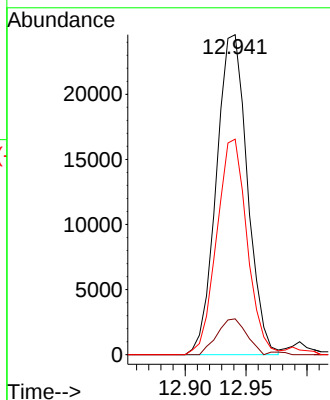
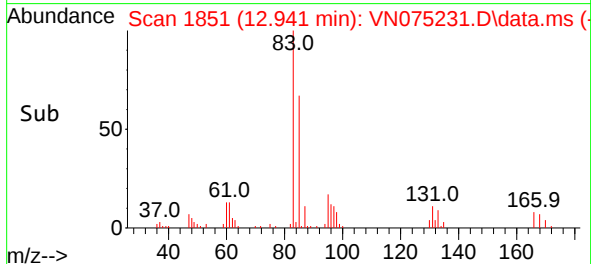
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 83 Resp: 4365
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 65.8 31.6 94.7

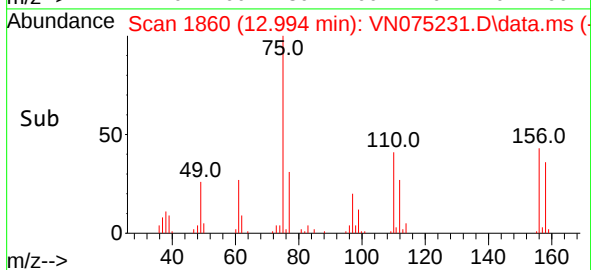
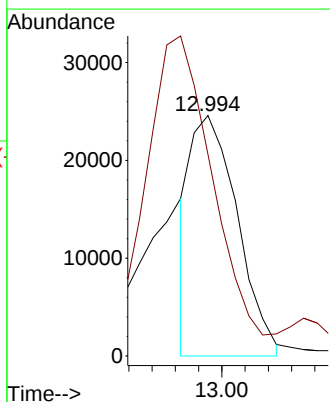
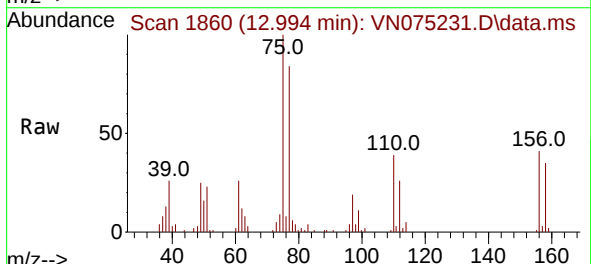
Manual Integrations
APPROVED

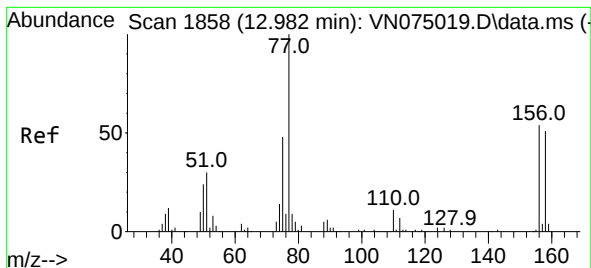
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,2,3-Trichloropropane
Concen: 18.926 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Tgt Ion: 75 Resp: 34332
Ion Ratio Lower Upper
75 100
77 196.3 75.6 226.8





#77

Bromobenzene

Concen: 20.872 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

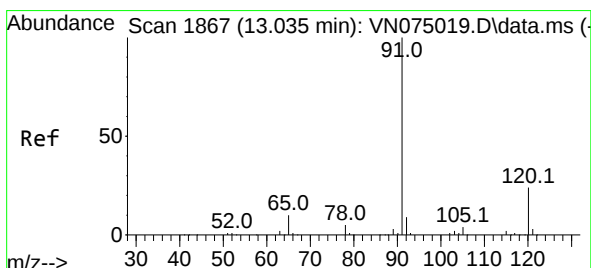
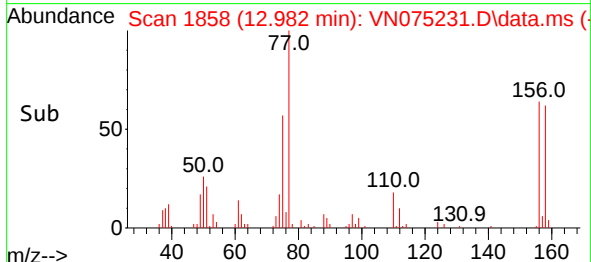
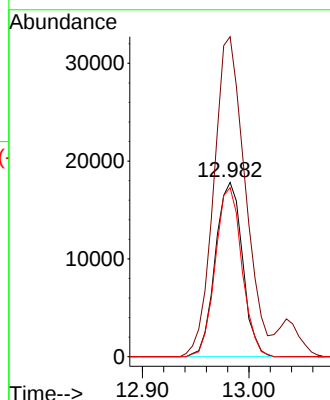
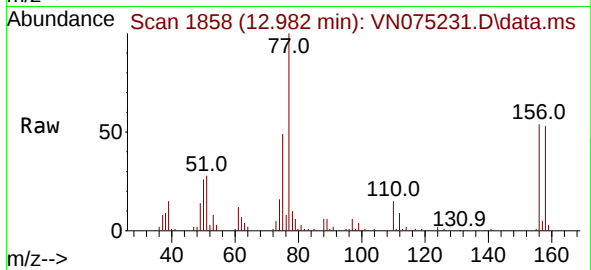
Tgt Ion:156 Resp: 3152
 Ion Ratio Lower Upper
 156 100
 77 213.9 108.5 325.5
 158 95.0 47.7 143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#78

n-propylbenzene

Concen: 19.963 ug/l

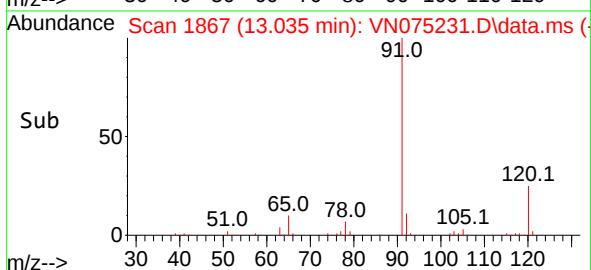
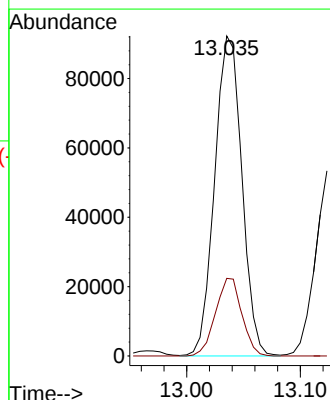
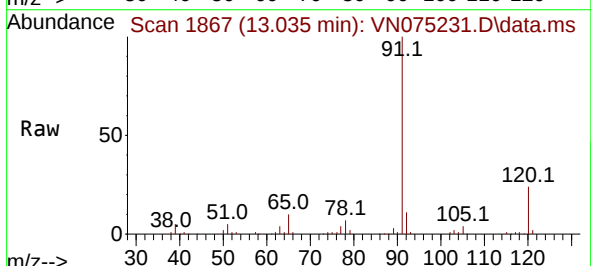
RT: 13.035 min Scan# 1867

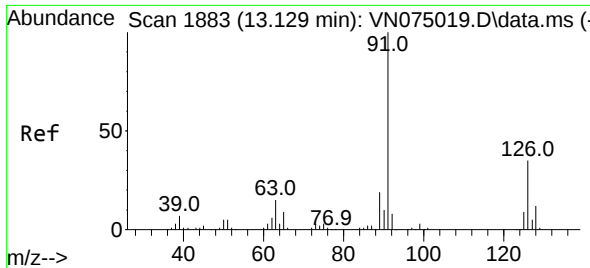
Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion: 91 Resp: 153726
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.9 35.5





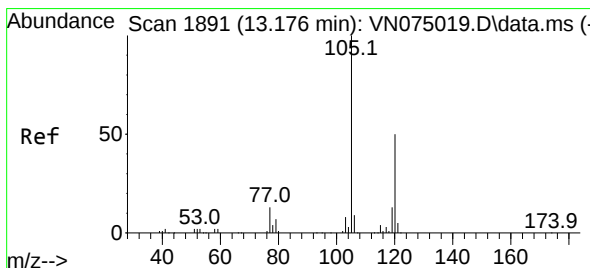
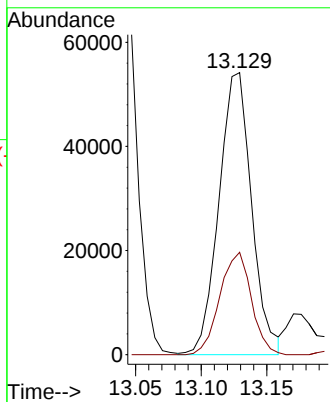
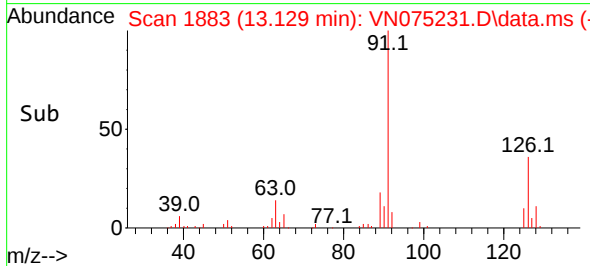
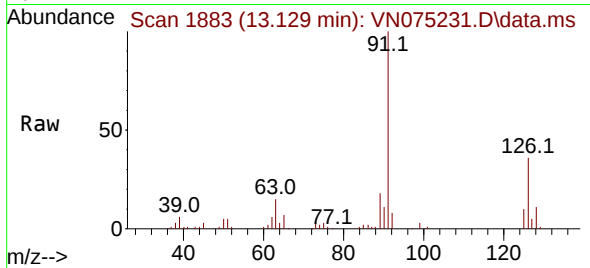
#79
2-Chlorotoluene
Concen: 19.996 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 91 Resp: 94090
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7

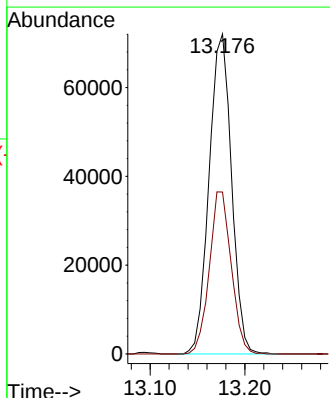
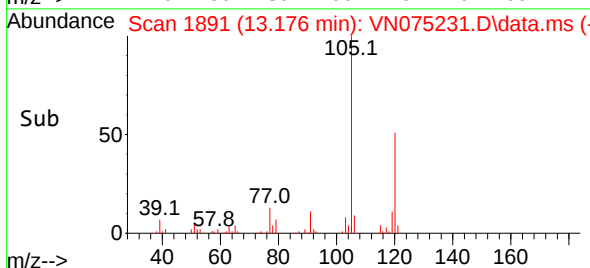
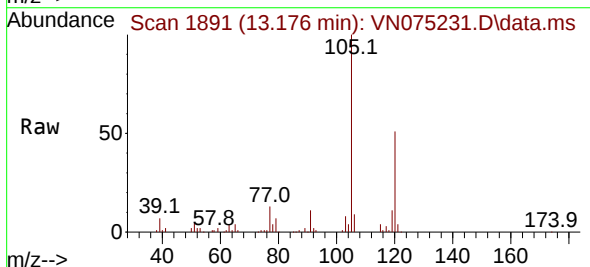
Manual Integrations
APPROVED

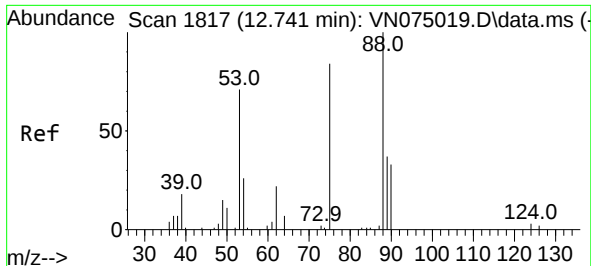
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.553 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

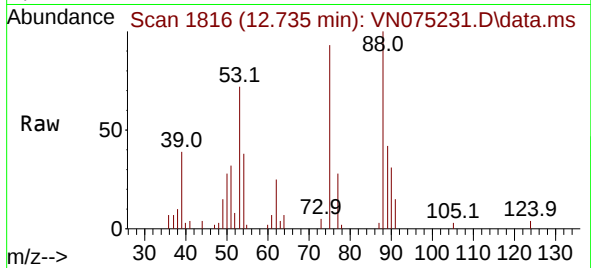
Tgt Ion:105 Resp: 118405
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.485 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

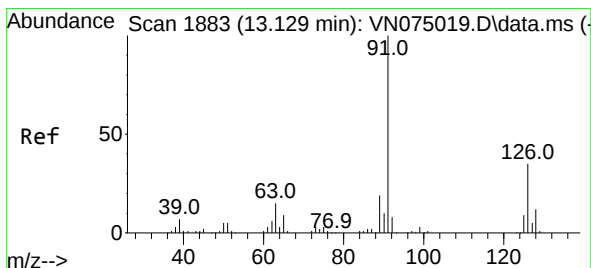
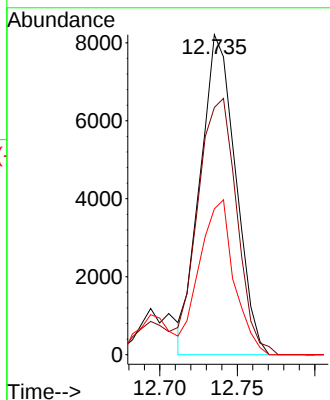
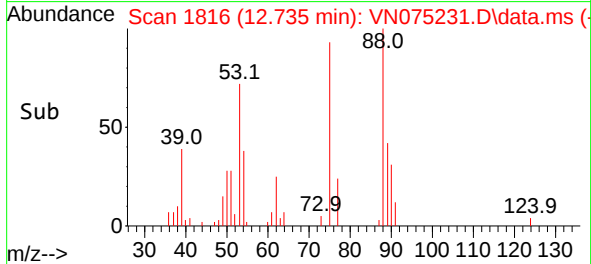
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 75 Resp: 1306
Ion Ratio Lower Upper
75 100
53 88.8 78.5 117.7
89 47.2 37.7 56.5

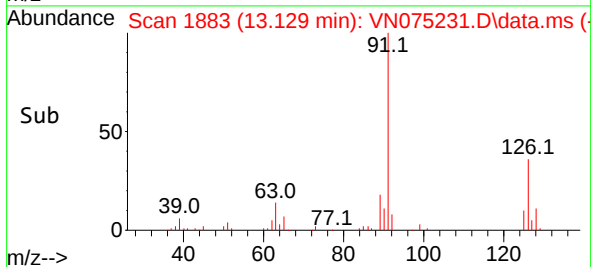
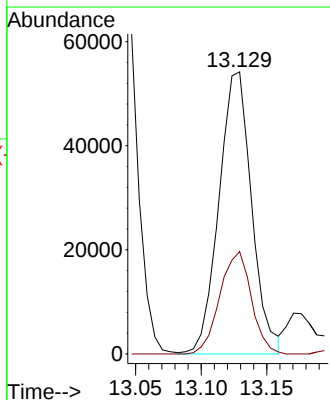
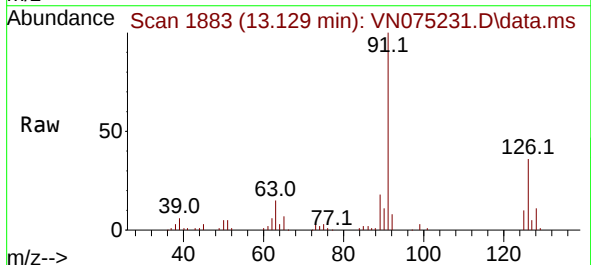
Manual Integrations
APPROVED

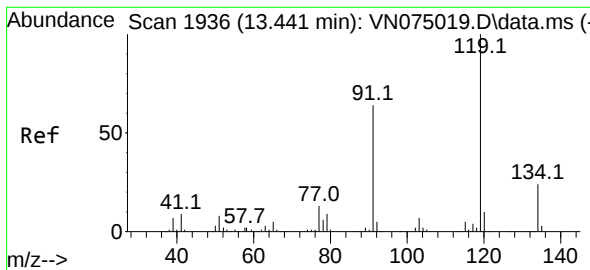
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#82
4-Chlorotoluene
Concen: 19.996 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

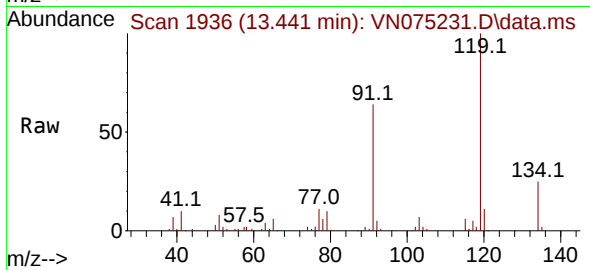
Tgt Ion: 91 Resp: 94096
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.961 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

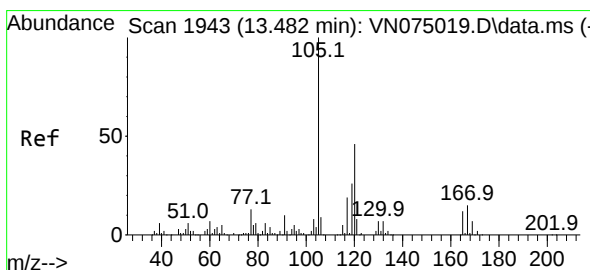
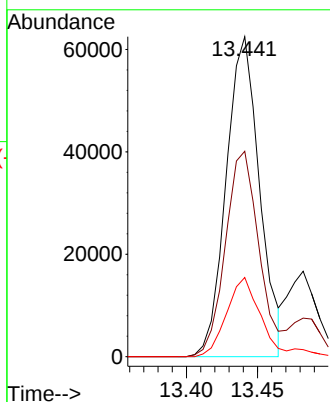
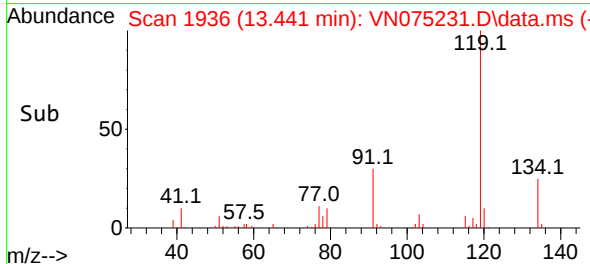
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



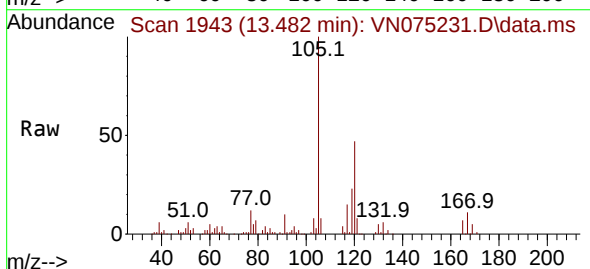
Tgt Ion:119 Resp: 10218
Ion Ratio Lower Upper
119 100
91 66.0 32.8 98.4
134 26.2 12.3 36.9

Manual Integrations
APPROVED

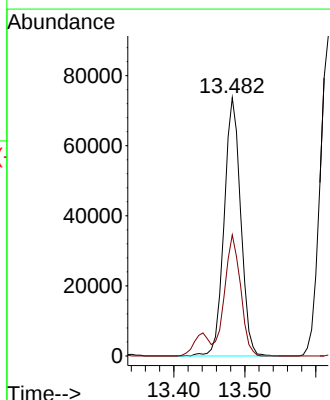
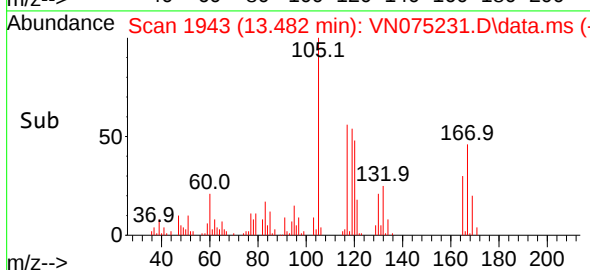
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

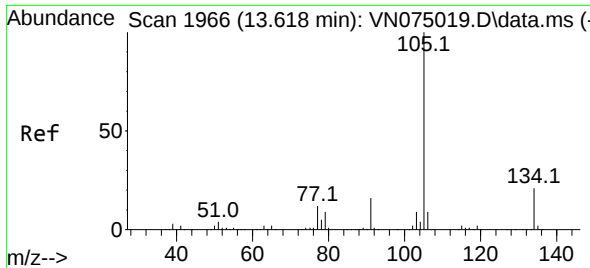


#84
1,2,4-Trimethylbenzene
Concen: 20.413 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



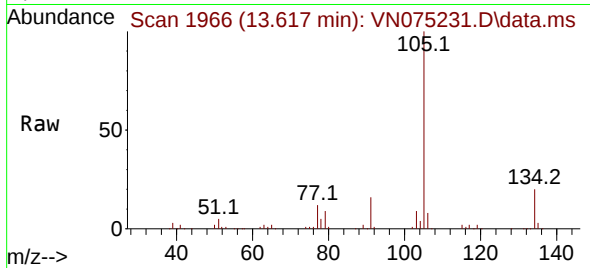
Tgt Ion:105 Resp: 118983
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.332 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075231.D
 Acq: 10 Nov 2022 13:35

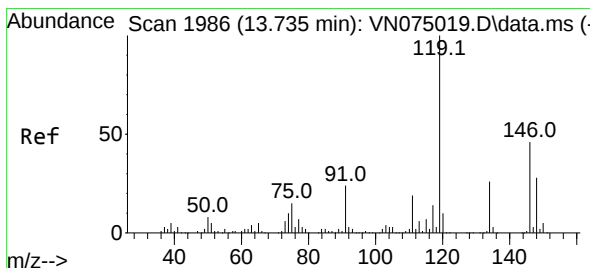
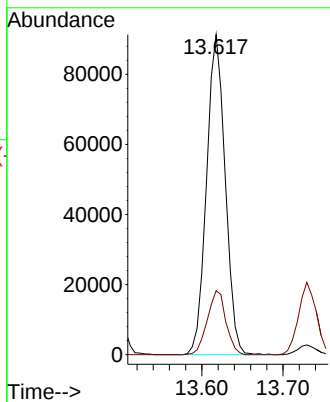
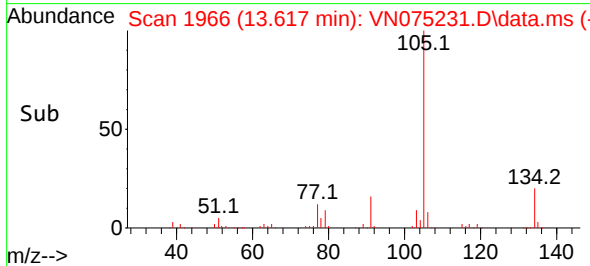
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01



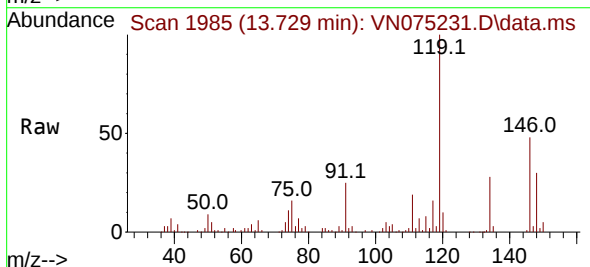
Tgt Ion:105 Resp: 14559
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

Manual Integrations
 APPROVED

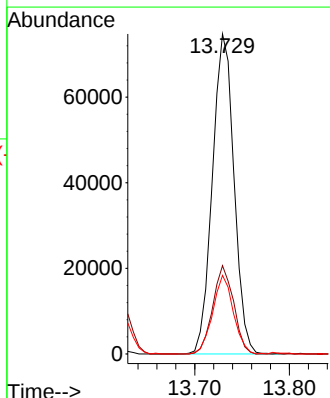
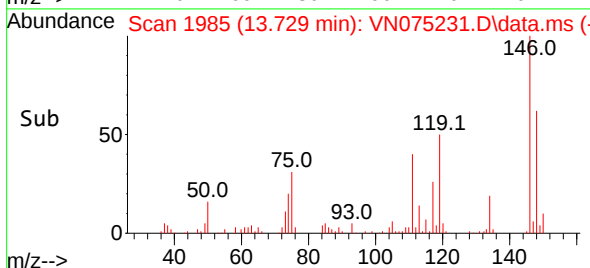
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

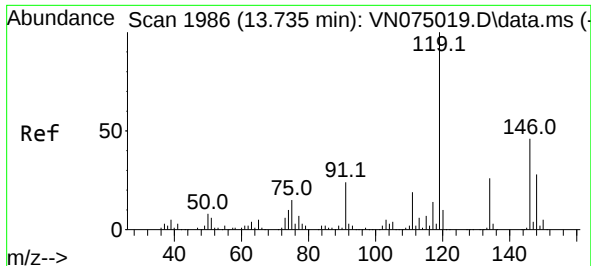


#86
 p-Isopropyltoluene
 Concen: 19.994 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075231.D
 Acq: 10 Nov 2022 13:35



Tgt Ion:119 Resp: 118243
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.243 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

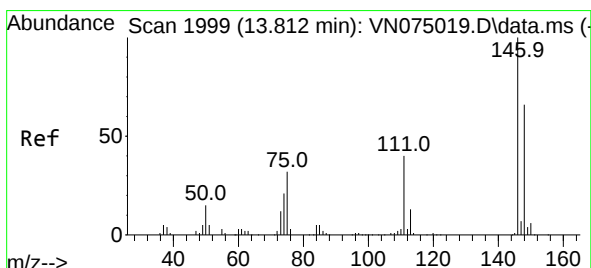
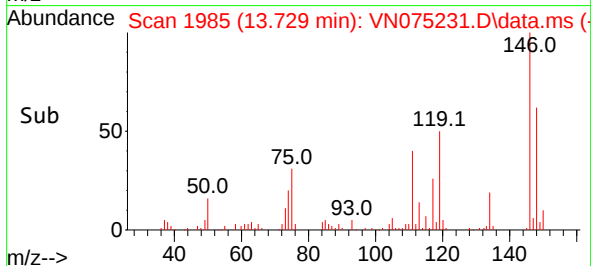
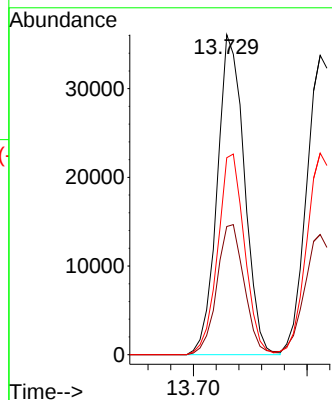
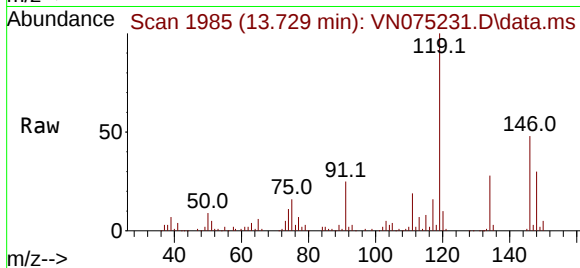
Tgt Ion:146 Resp: 59858
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 61.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#88

1,4-Dichlorobenzene

Concen: 20.125 ug/l

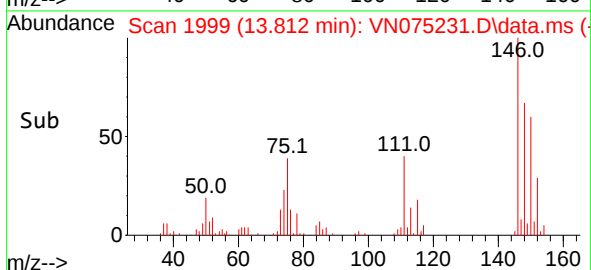
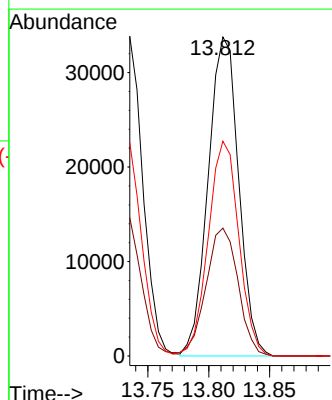
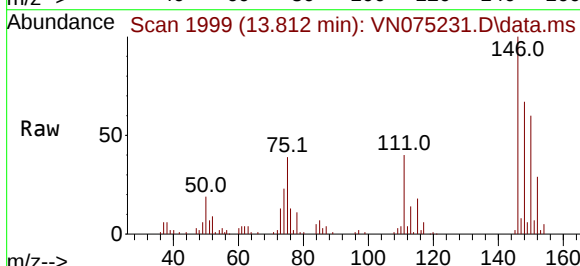
RT: 13.812 min Scan# 1999

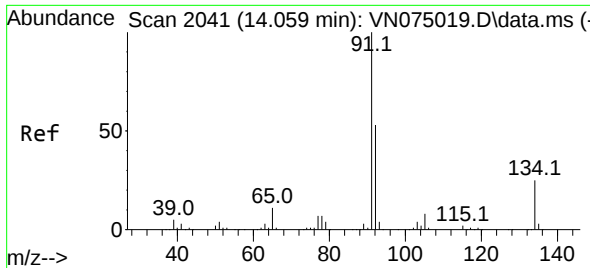
Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:146 Resp: 58894
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.1 60.3
 148 67.6 31.9 95.7





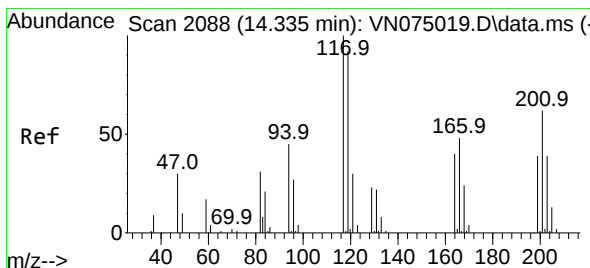
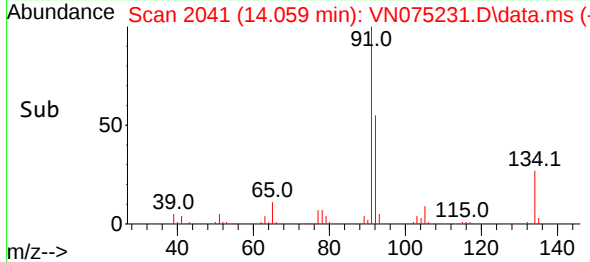
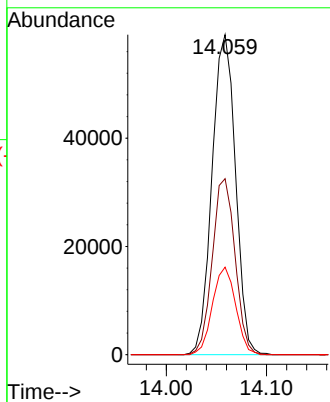
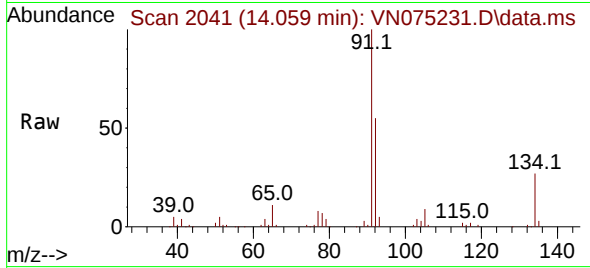
#89
n-Butylbenzene
Concen: 20.164 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 91 Resp: 9603
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 27.1 13.0 39.0

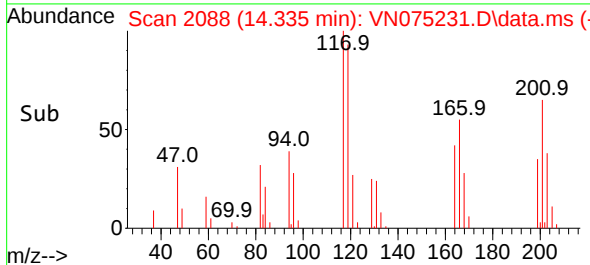
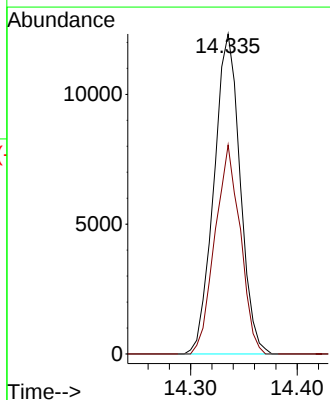
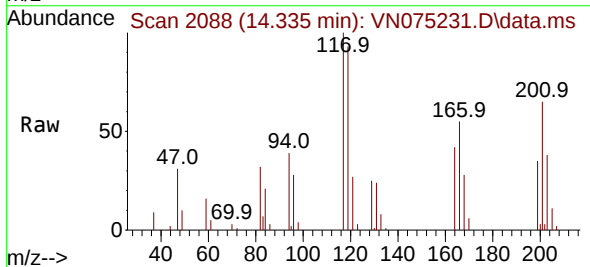
Manual Integrations
APPROVED

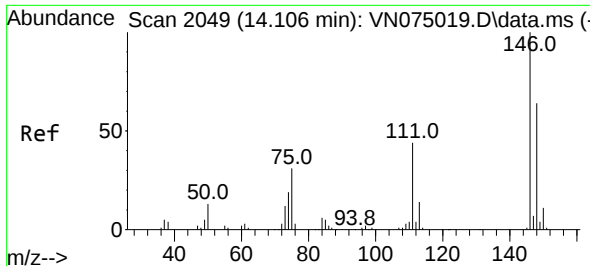
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#90
Hexachloroethane
Concen: 19.404 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

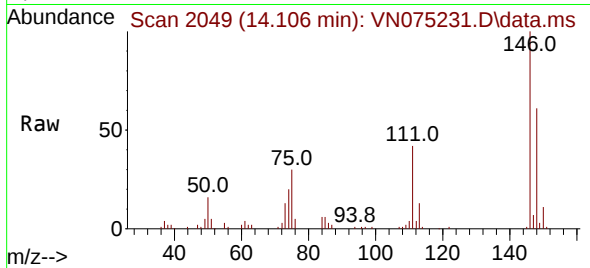
Tgt Ion:117 Resp: 21040
Ion Ratio Lower Upper
117 100
201 63.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 21.194 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35

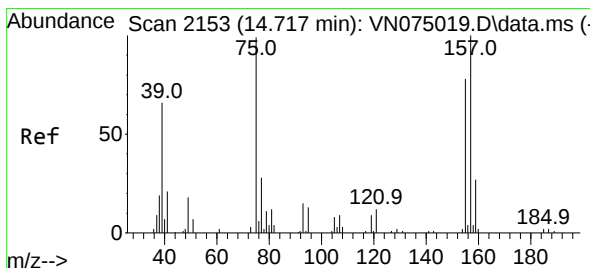
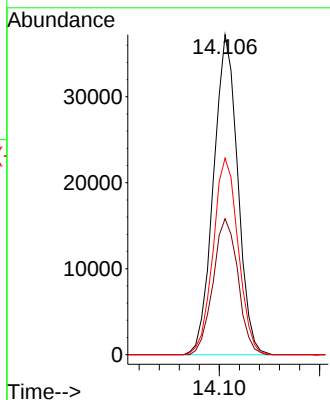
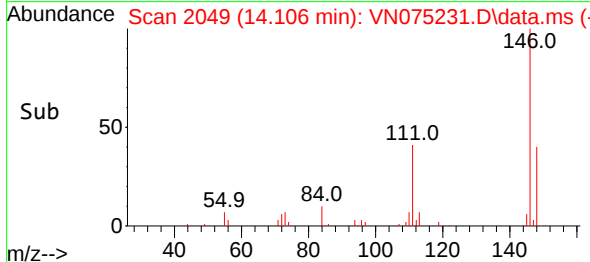
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



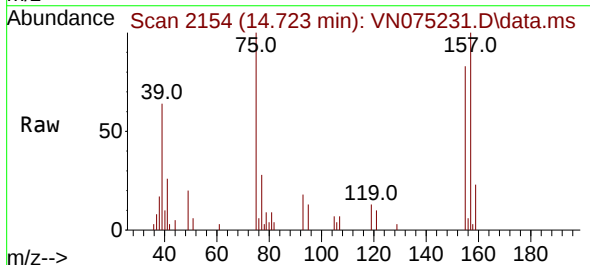
Tgt Ion:146 Resp: 6230
Ion Ratio Lower Upper
146 100
111 43.7 21.3 63.9
148 63.6 31.4 94.2

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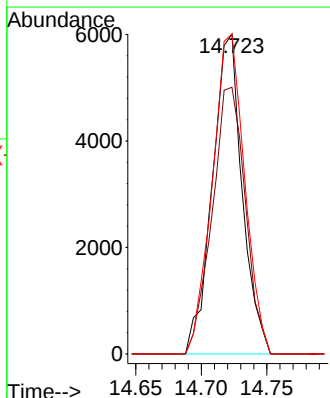
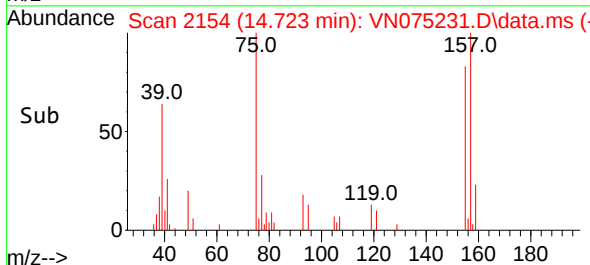
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

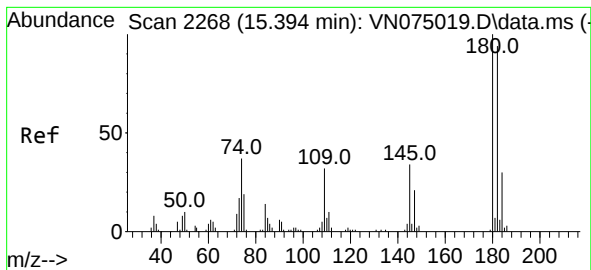


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.510 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075231.D
Acq: 10 Nov 2022 13:35



Tgt Ion: 75 Resp: 9489
Ion Ratio Lower Upper
75 100
155 92.8 42.1 126.3
157 108.4 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 22.431 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion:180 Resp: 2837

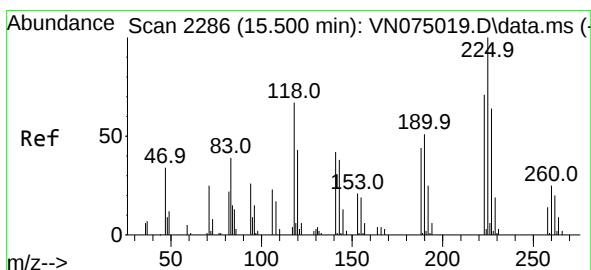
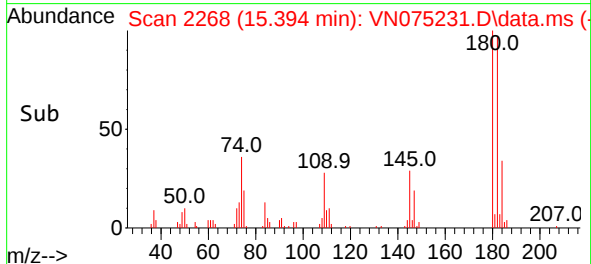
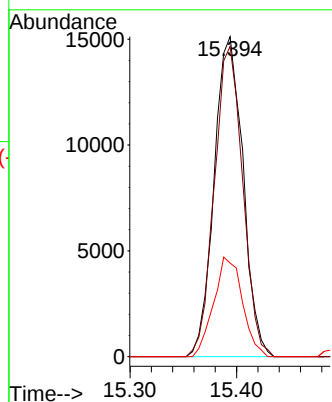
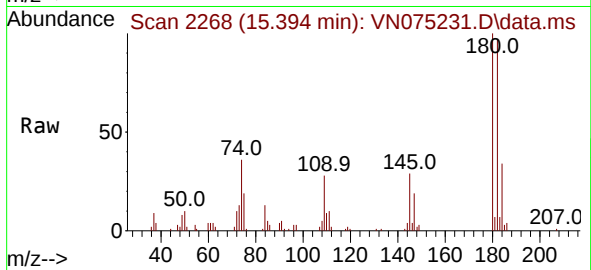
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	31.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#94

Hexachlorobutadiene

Concen: 21.825 ug/l

RT: 15.500 min Scan# 2286

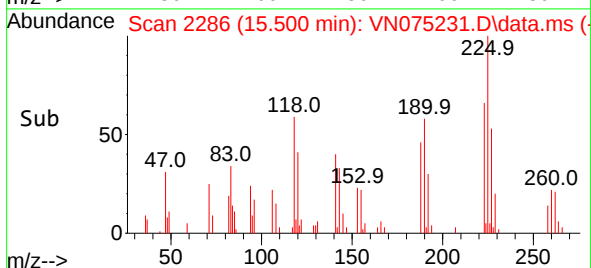
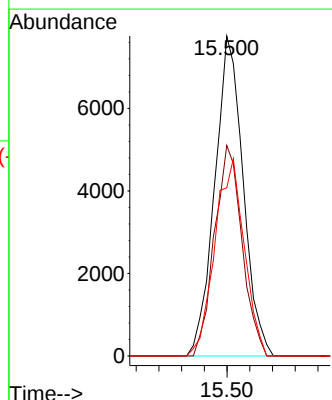
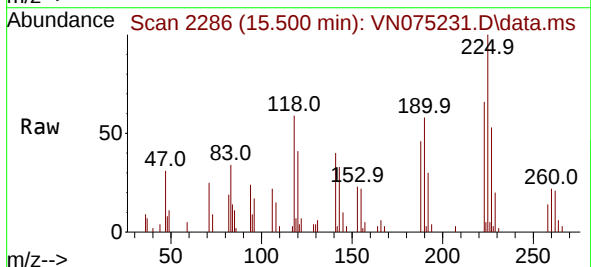
Delta R.T. -0.000 min

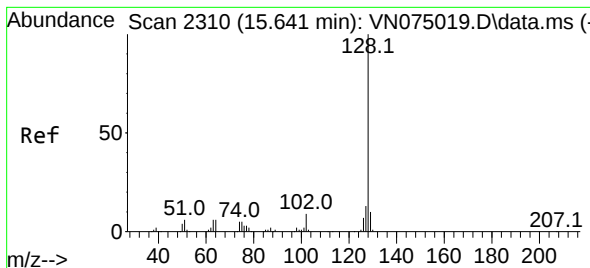
Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:225 Resp: 13459

Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.9
227	63.7	32.0	96.2





#95

Naphthalene

Concen: 21.709 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion:128 Resp: 105600

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

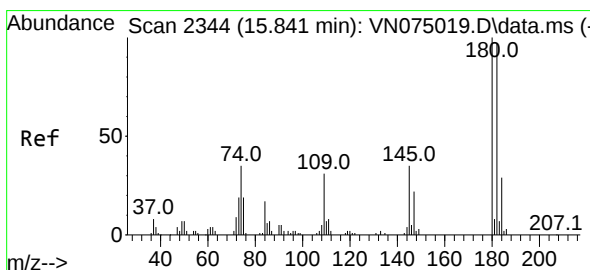
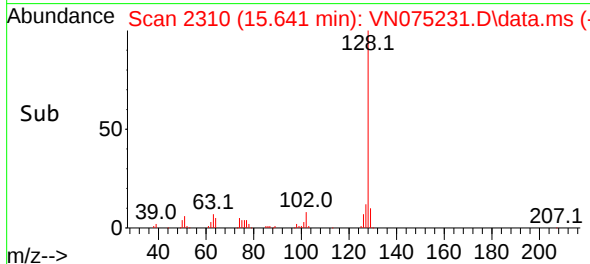
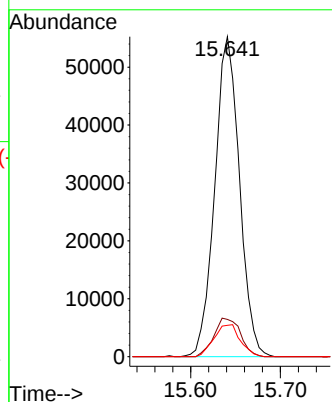
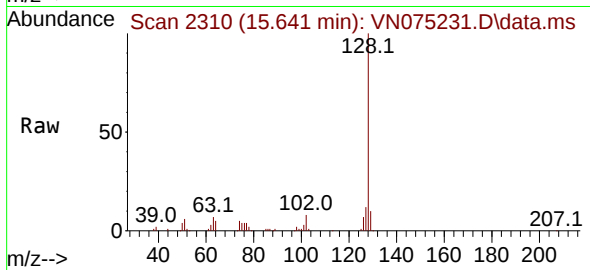
129 10.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#96

1,2,3-Trichlorobenzene

Concen: 21.996 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:180 Resp: 27647

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 36.5 17.6 52.9

