

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075765.D
 Acq On : 14 Dec 2022 11:44
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 14 12:11:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	282705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	456941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	412295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	59898	19.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.940%#		
35) Dibromofluoromethane	8.171	113	54584	19.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.160%#		
50) Toluene-d8	10.571	98	209838	20.042	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.080%#		
62) 4-Bromofluorobenzene	12.853	95	69015	19.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	40151	19.310	ug/l	96
3) Chloromethane	2.371	50	47134	19.026	ug/l	95
4) Vinyl Chloride	2.530	62	58615	19.262	ug/l	98
5) Bromomethane	2.965	94	48620	18.760	ug/l	97
6) Chloroethane	3.130	64	41703	18.368	ug/l	99
7) Trichlorofluoromethane	3.512	101	89227	20.210	ug/l	96
8) Diethyl Ether	3.977	74	31811	19.708	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	52167	20.133	ug/l	99
10) Methyl Iodide	4.600	142	82466	19.476	ug/l	98
11) Tert butyl alcohol	5.530	59	41945	94.523	ug/l	100
12) 1,1-Dichloroethene	4.359	96	49592	20.477	ug/l	85
13) Acrolein	4.194	56	54859	107.341	ug/l	98
14) Allyl chloride	5.042	41	63787	21.150	ug/l	92
15) Acrylonitrile	5.736	53	117966	102.917	ug/l	99
16) Acetone	4.447	43	102992	101.388	ug/l	96
17) Carbon Disulfide	4.724	76	120118	18.744	ug/l	98
18) Methyl Acetate	5.042	43	62643	19.191	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	166664	20.457	ug/l	94
20) Methylene Chloride	5.289	84	58149	19.202	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	53843	19.894	ug/l	87
22) Diisopropyl ether	6.683	45	144814	21.103	ug/l	99
23) Vinyl Acetate	6.612	43	485410	92.766	ug/l	98
24) 1,1-Dichloroethane	6.577	63	92898	20.566	ug/l	98
25) 2-Butanone	7.488	43	151037	101.709	ug/l	100
26) 2,2-Dichloropropane	7.494	77	80285	20.840	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	64859	19.740	ug/l	98
28) Bromochloromethane	7.824	49	41215	22.821	ug/l	100
29) Tetrahydrofuran	7.847	42	96842	105.804	ug/l	98
30) Chloroform	7.971	83	106785	21.343	ug/l	100
31) Cyclohexane	8.259	56	85148	19.173	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	96265	20.855	ug/l	99
36) 1,1-Dichloropropene	8.377	75	75325	20.348	ug/l	99
37) Ethyl Acetate	7.565	43	61352	20.642	ug/l	97
38) Carbon Tetrachloride	8.365	117	84434	19.766	ug/l	99
39) Methylcyclohexane	9.600	83	96267	20.508	ug/l	98
40) Benzene	8.612	78	234707	20.659	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	31990	20.991	ug/l	98
42) 1,2-Dichloroethane	8.677	62	78460	20.645	ug/l	99
43) Isopropyl Acetate	8.694	43	101405	20.437	ug/l	99
44) Trichloroethene	9.353	130	64735	20.198	ug/l	99
45) 1,2-Dichloropropane	9.624	63	55561	20.563	ug/l	97
46) Dibromomethane	9.712	93	42092	20.749	ug/l	97
47) Bromodichloromethane	9.888	83	80606	20.266	ug/l	97
48) Methyl methacrylate	9.682	41	45469	19.896	ug/l	98
49) 1,4-Dioxane	9.700	88	22790	410.250	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	317554	103.789	ug/l	99
52) Toluene	10.629	92	153884	20.493	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	79442	20.223	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	91249	20.879	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	59592	20.184	ug/l	97
56) Ethyl methacrylate	10.876	69	80162	20.038	ug/l	99
57) 1,3-Dichloropropane	11.165	76	98732	20.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	129255	109.427	ug/l	98
59) 2-Hexanone	11.200	43	229137	103.082	ug/l	98
60) Dibromochloromethane	11.359	129	68211	20.995	ug/l	98
61) 1,2-Dibromoethane	11.470	107	61896	20.010	ug/l	100
64) Tetrachloroethene	11.106	164	58358	19.432	ug/l	98
65) Chlorobenzene	11.894	112	168688	19.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	64053	20.753	ug/l	98
67) Ethyl Benzene	11.965	91	291128	20.286	ug/l	99
68) m/p-Xylenes	12.070	106	233470	40.263	ug/l	98
69) o-Xylene	12.400	106	116480	20.701	ug/l	99
70) Styrene	12.412	104	186346	20.648	ug/l	99
71) Bromoform	12.582	173	46684	19.955	ug/l #	97
73) Isopropylbenzene	12.700	105	297410	20.558	ug/l	100
74) N-amyl acetate	12.494	43	86574	20.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	85247	19.616	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	82582m	20.409	ug/l	
77) Bromobenzene	12.982	156	71959	19.779	ug/l	99
78) n-propylbenzene	13.041	91	332491	20.711	ug/l	100
79) 2-Chlorotoluene	13.129	91	199196	20.099	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	254208	21.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22227	20.560	ug/l	97
82) 4-Chlorotoluene	13.129	91	199196	20.099	ug/l	99
83) tert-Butylbenzene	13.441	119	223256	20.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	255051	20.981	ug/l	100
85) sec-Butylbenzene	13.617	105	307444	20.389	ug/l	99
86) p-Isopropyltoluene	13.729	119	260955	20.683	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	134424	19.757	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	134113	19.378	ug/l	100
89) n-Butylbenzene	14.059	91	202637	20.038	ug/l	99
90) Hexachloroethane	14.335	117	44479	20.581	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	136357	20.140	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14858	20.806	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	62590	19.255	ug/l	99
94) Hexachlorobutadiene	15.506	225	36572	19.830	ug/l	99
95) Naphthalene	15.641	128	189370	19.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61599	19.286	ug/l	98

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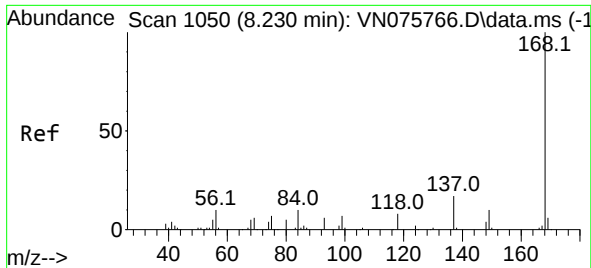
Manual Integrations
APPROVED

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



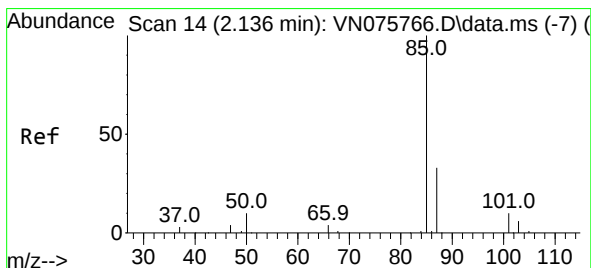
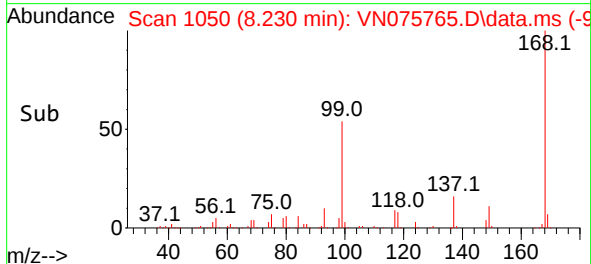
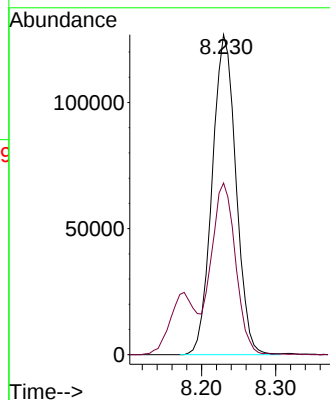
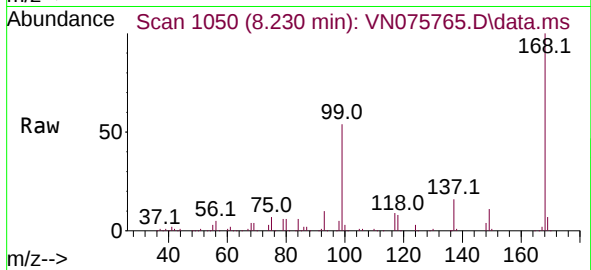
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 28270
Ion Ratio Lower Upper
168 100
99 53.5 41.2 61.8

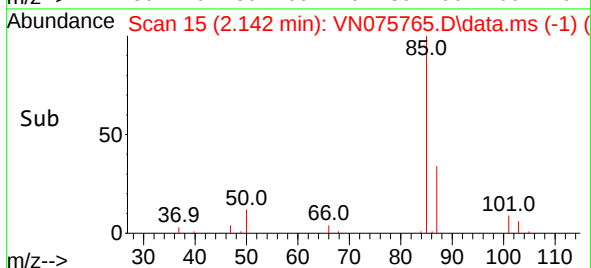
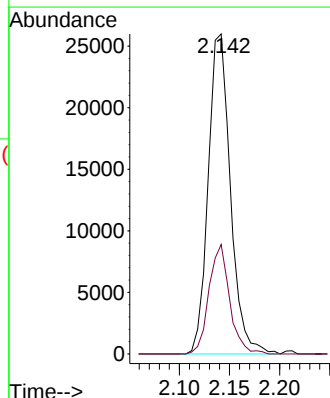
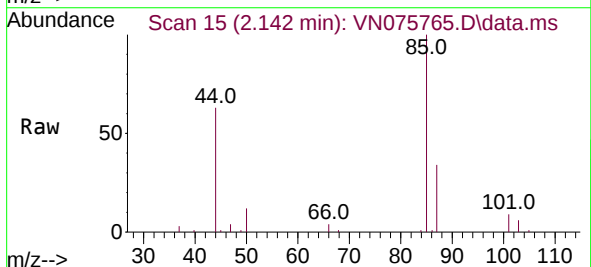
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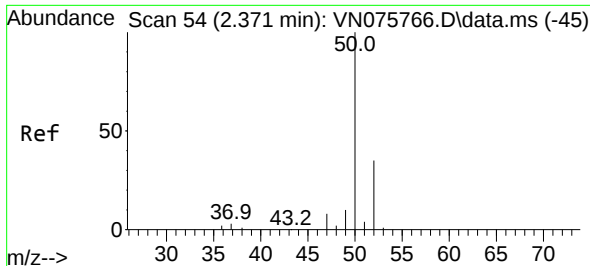
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 19.310 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 85 Resp: 40151
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2





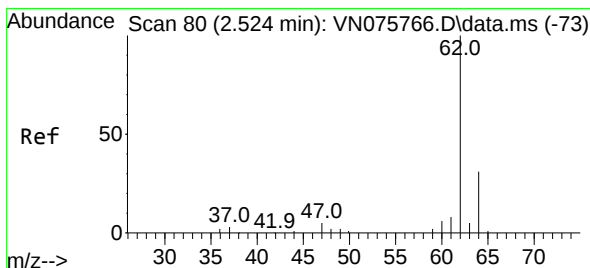
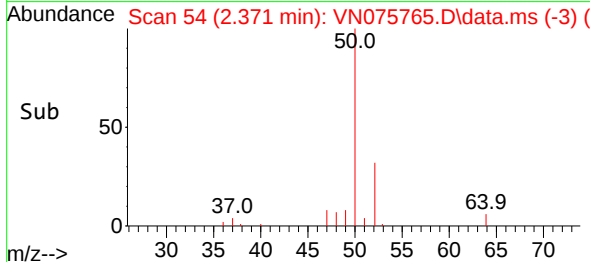
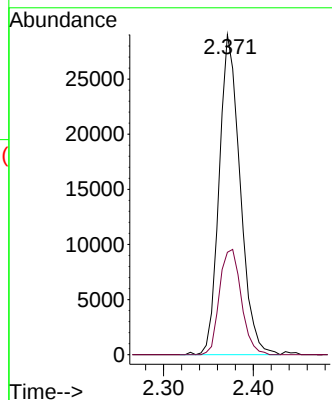
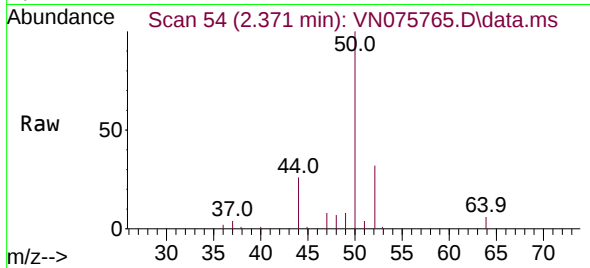
#3
Chloromethane
Concen: 19.026 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
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Tgt Ion: 50 Resp: 47134
Ion Ratio Lower Upper
50 100
52 32.0 27.9 41.9

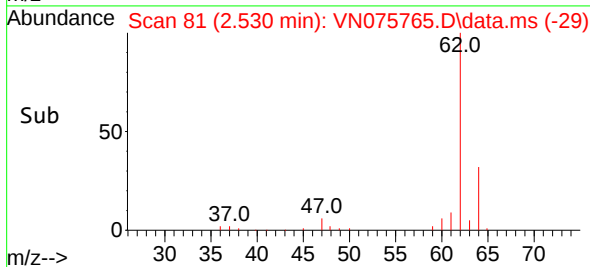
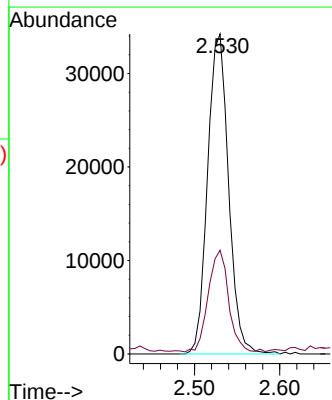
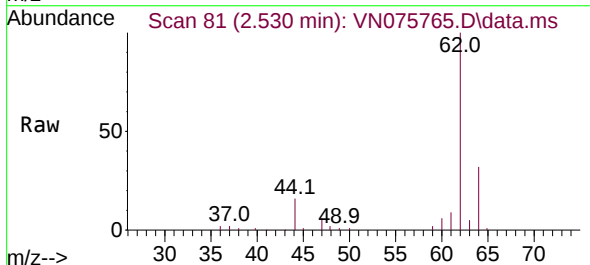
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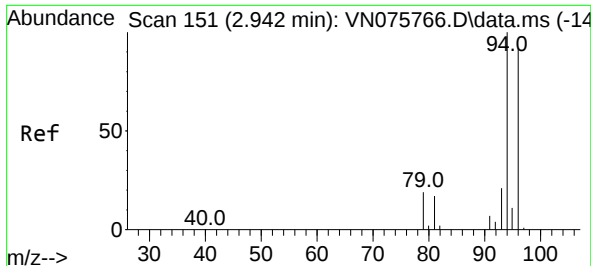
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 19.262 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 62 Resp: 58615
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





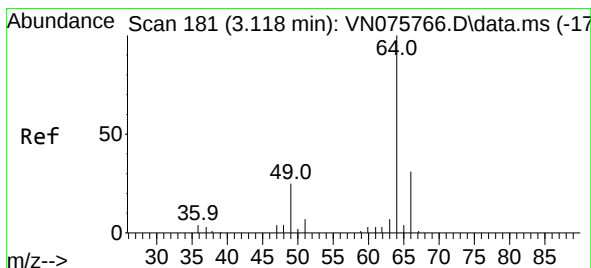
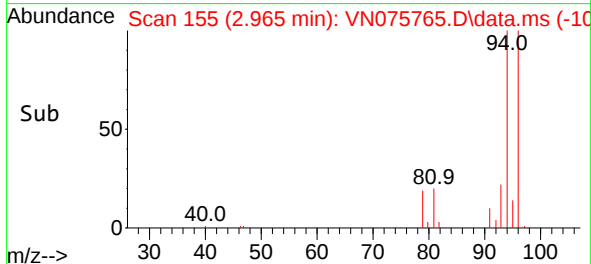
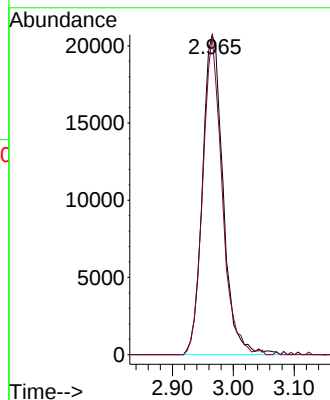
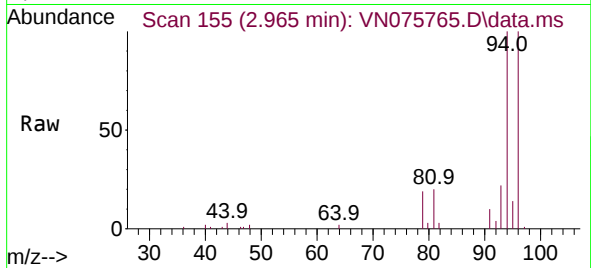
#5
Bromomethane
Concen: 18.760 ug/l
RT: 2.965 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
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Tgt Ion: 94 Resp: 48620
Ion Ratio Lower Upper
94 100
96 99.7 77.6 116.4

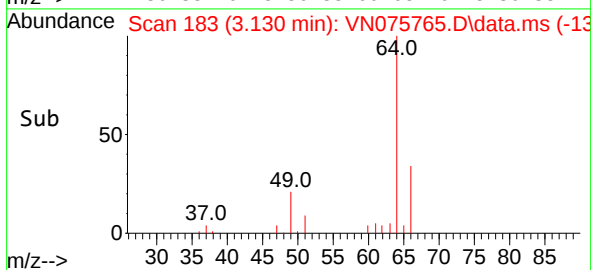
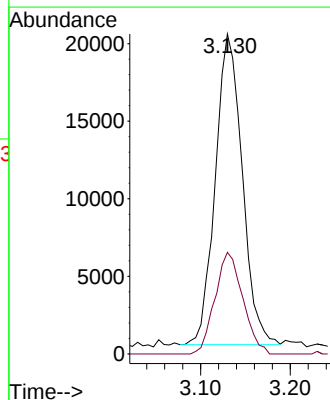
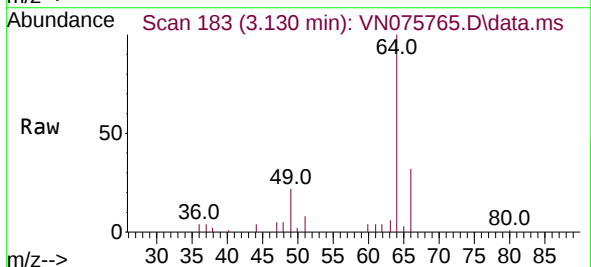
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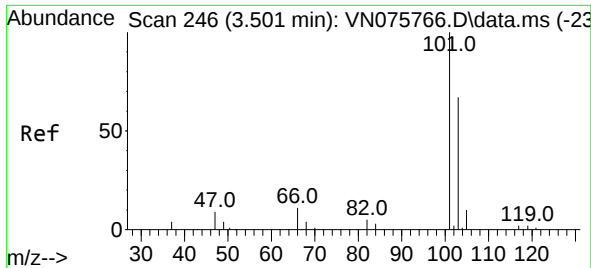
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 18.368 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075765.D
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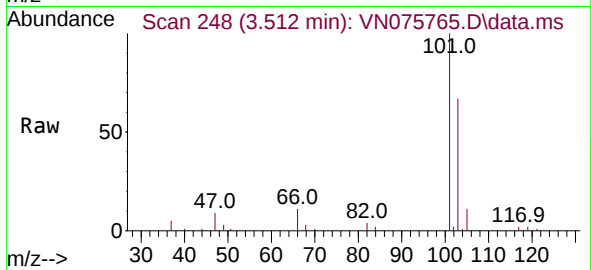
Tgt Ion: 64 Resp: 41703
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 20.210 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

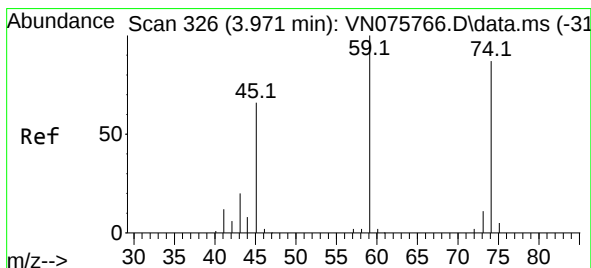
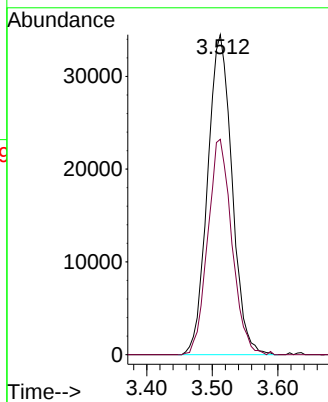
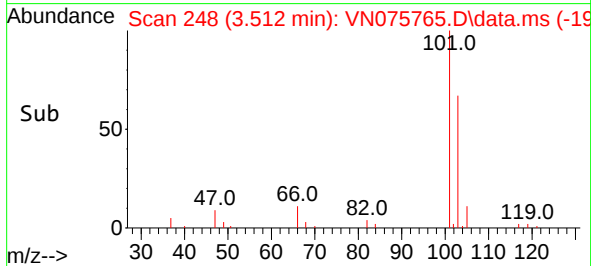
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:101 Resp: 8922
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.4 77.2

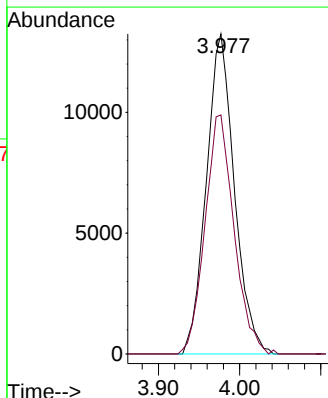
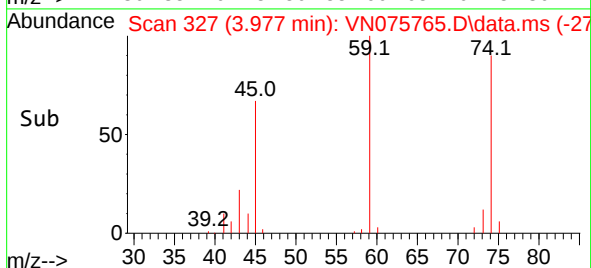
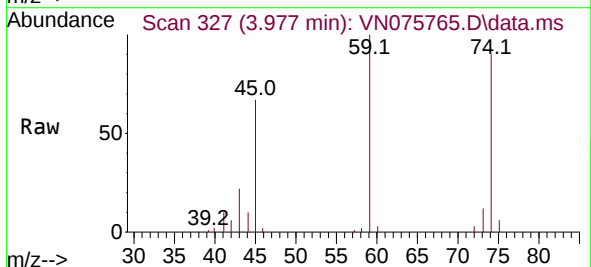
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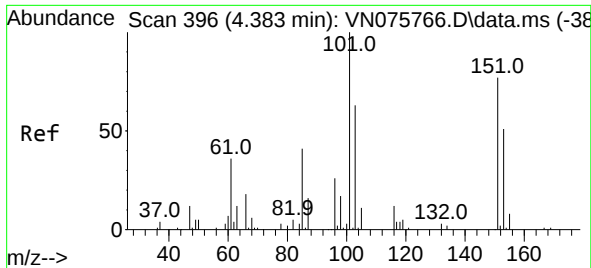
Reviewed By :John Carlone 12/15/2022
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#8
 Diethyl Ether
 Concen: 19.708 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 74 Resp: 31811
 Ion Ratio Lower Upper
 74 100
 45 77.3 36.8 110.4





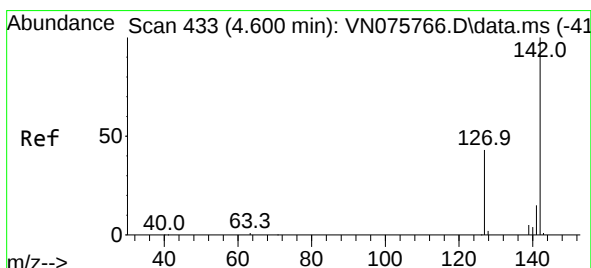
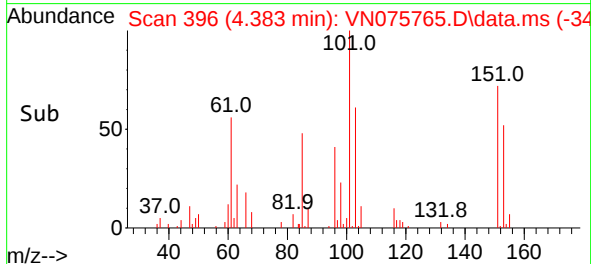
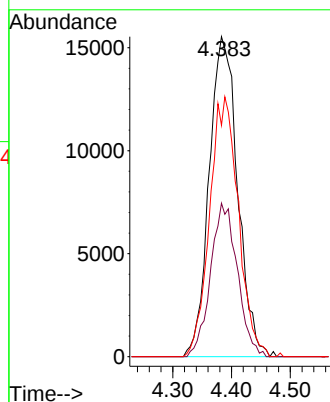
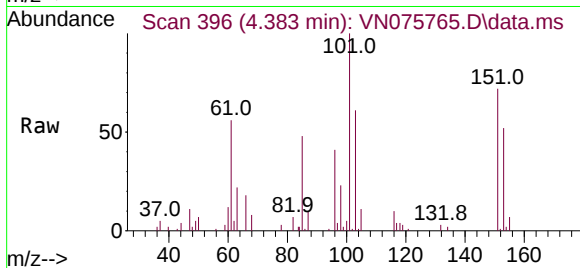
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.133 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 5216
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.3 52.9
 151 81.9 65.6 98.4

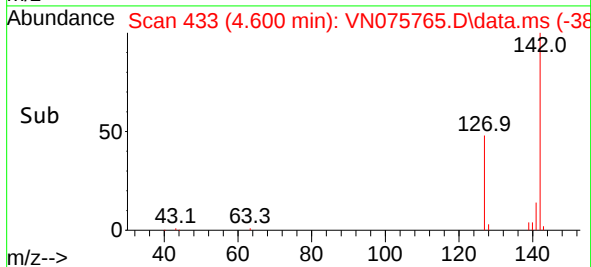
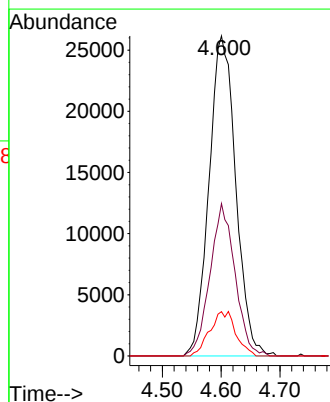
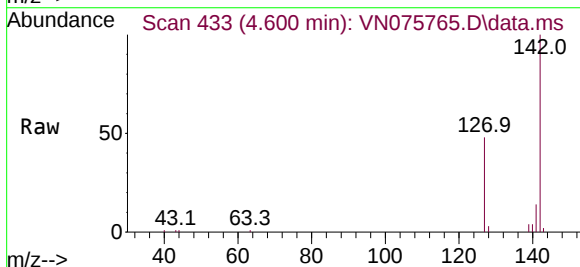
Manual Integrations
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Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#10
 Methyl Iodide
 Concen: 19.476 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion:142 Resp: 82466
 Ion Ratio Lower Upper
 142 100
 127 44.6 35.0 52.4
 141 13.6 11.4 17.2





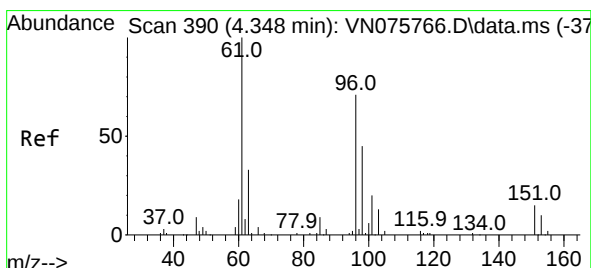
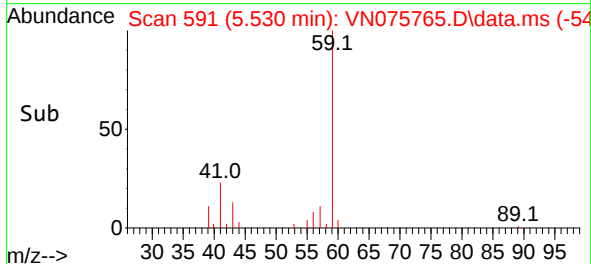
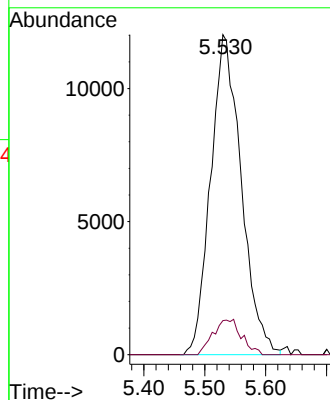
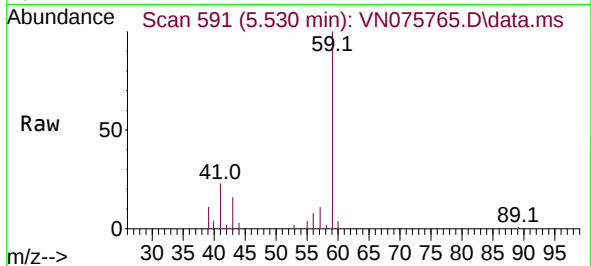
#11
Tert butyl alcohol
Concen: 94.523 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 4194
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

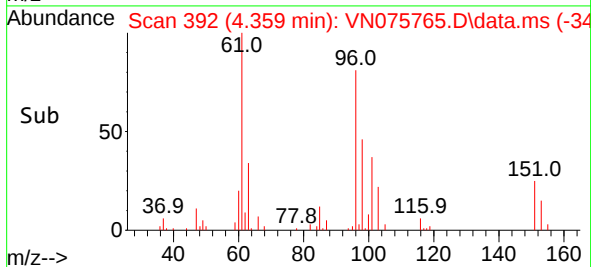
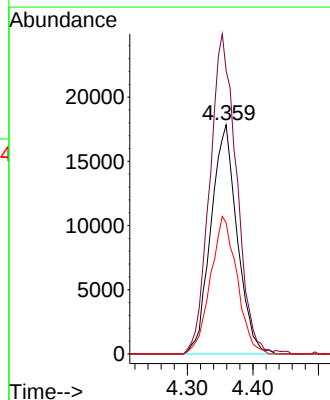
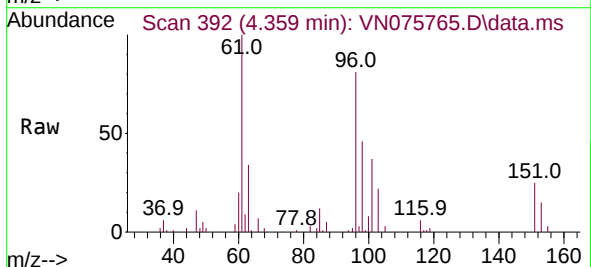
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Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 20.477 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 96 Resp: 49592
Ion Ratio Lower Upper
96 100
61 123.7 116.8 175.2
98 57.3 51.6 77.4





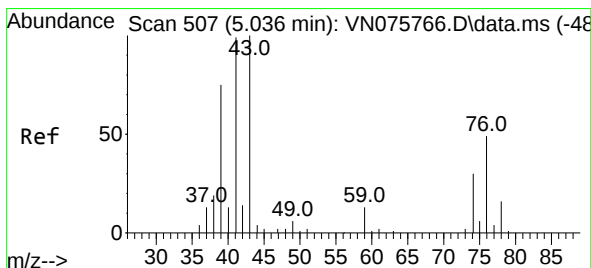
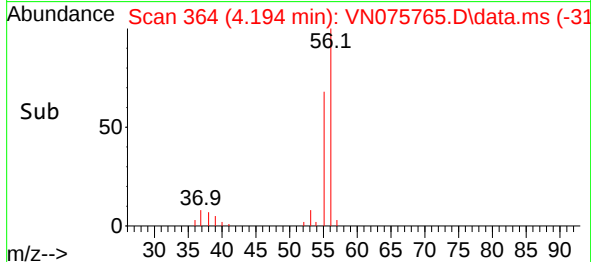
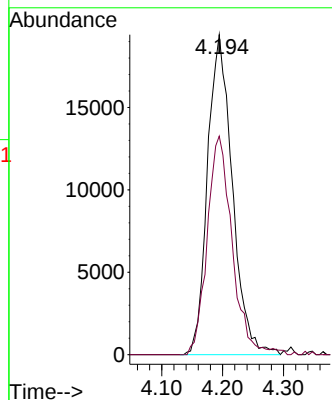
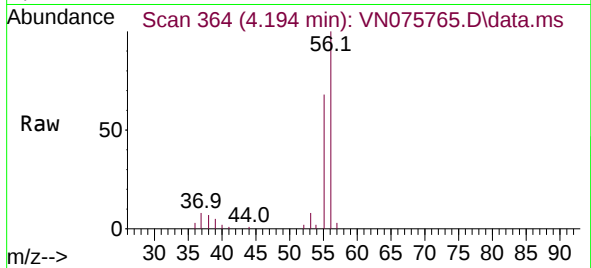
#13
Acrolein
Concen: 107.341 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 5485
Ion Ratio Lower Upper
56 100
55 68.1 55.7 83.5

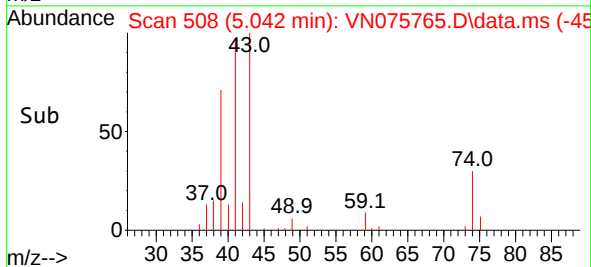
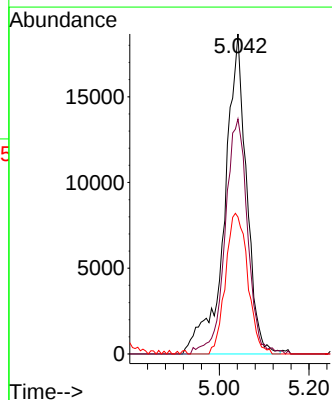
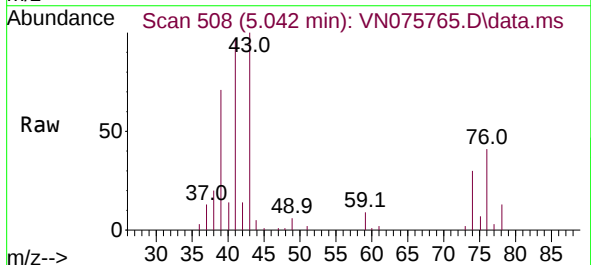
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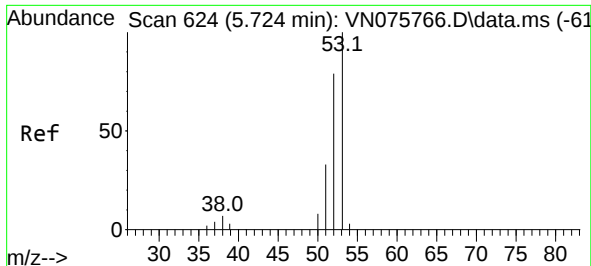
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 21.150 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

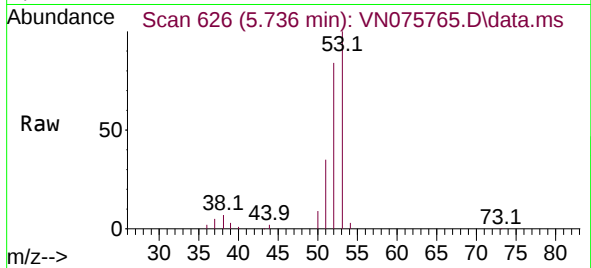
Tgt Ion: 41 Resp: 63787
Ion Ratio Lower Upper
41 100
39 74.9 64.6 96.8
76 44.3 40.9 61.3





#15
Acrylonitrile
Concen: 102.917 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

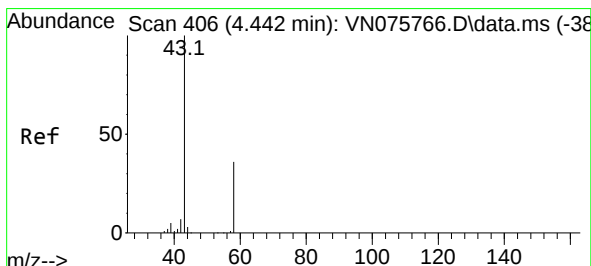
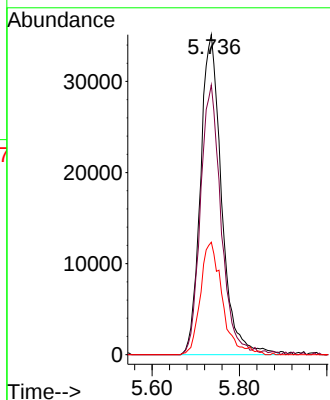
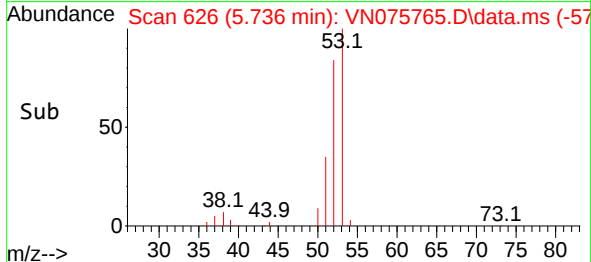
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 117960
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 36.5 28.9 43.3

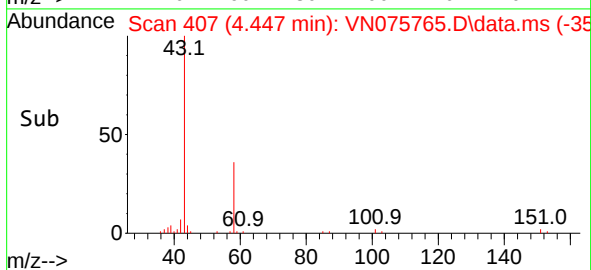
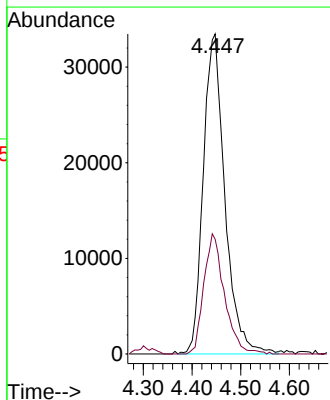
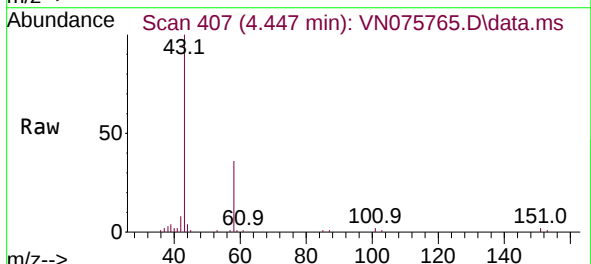
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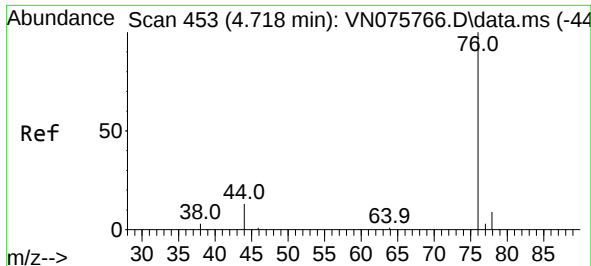
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 101.388 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 43 Resp: 102992
Ion Ratio Lower Upper
43 100
58 35.9 27.0 40.4





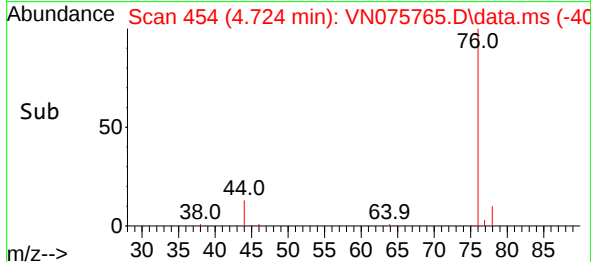
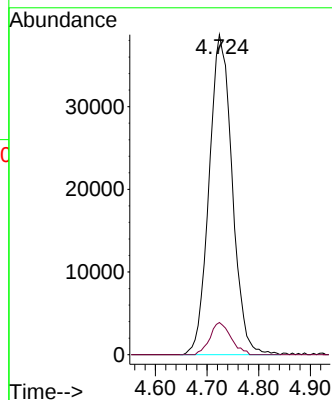
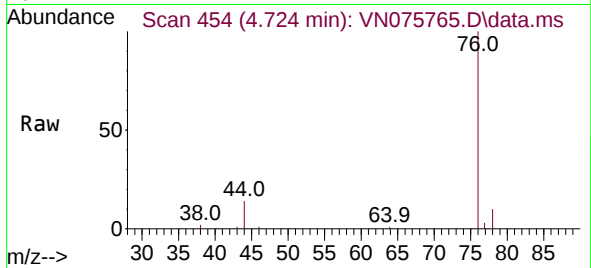
#17
Carbon Disulfide
Concen: 18.744 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 120118
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

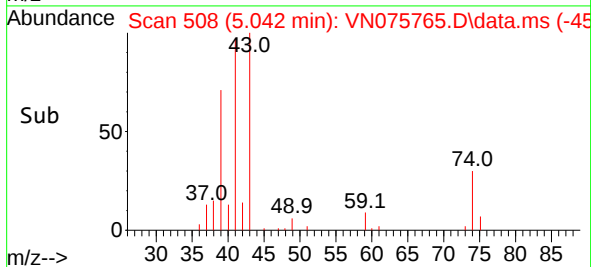
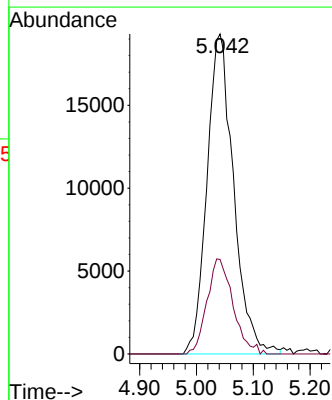
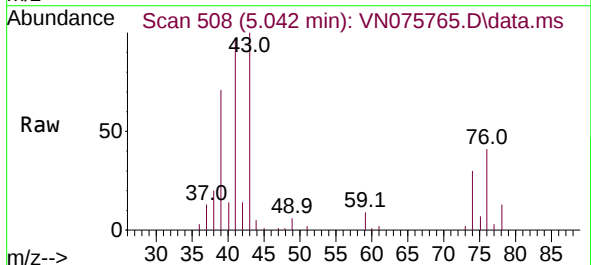
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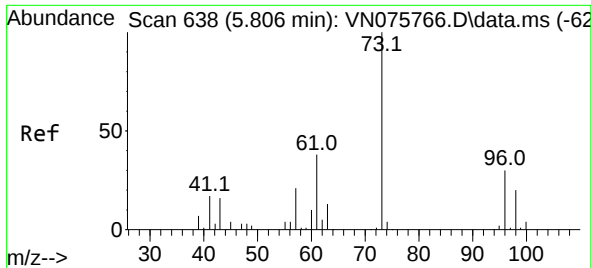
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 19.191 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 43 Resp: 62643
Ion Ratio Lower Upper
43 100
74 29.0 24.5 36.7





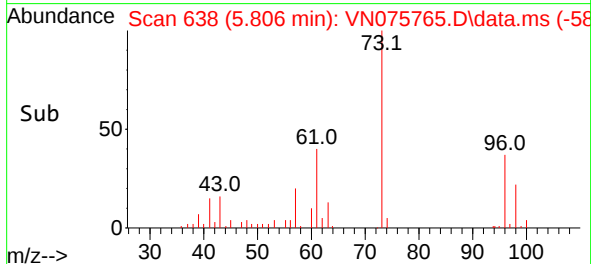
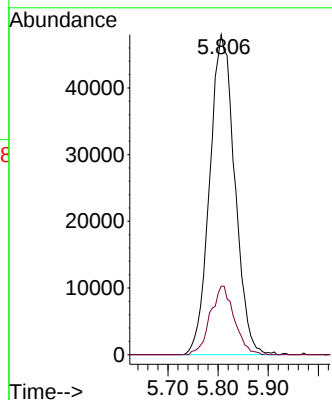
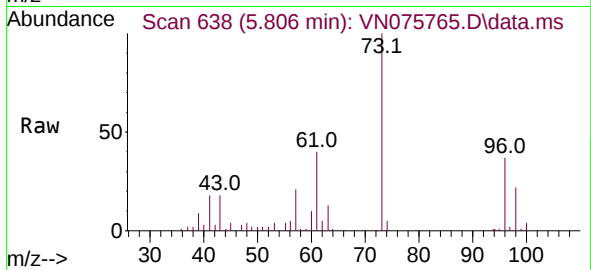
#19
Methyl tert-butyl Ether
Concen: 20.457 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 166664
Ion Ratio Lower Upper
73 100
57 21.4 15.1 22.7

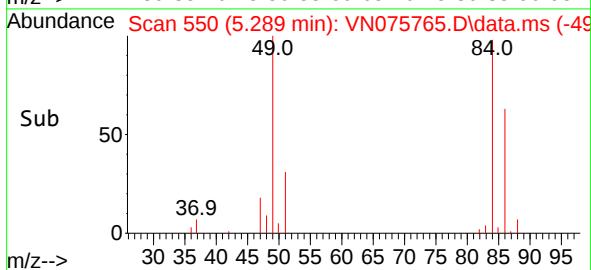
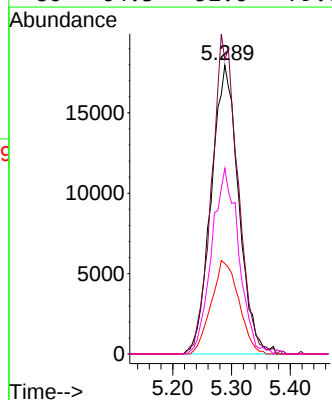
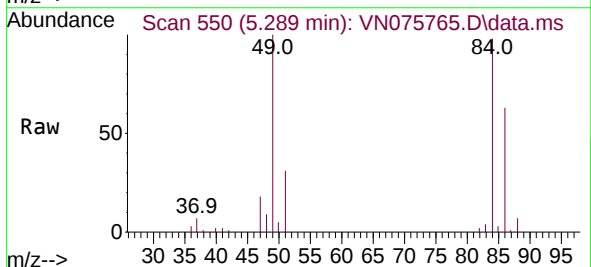
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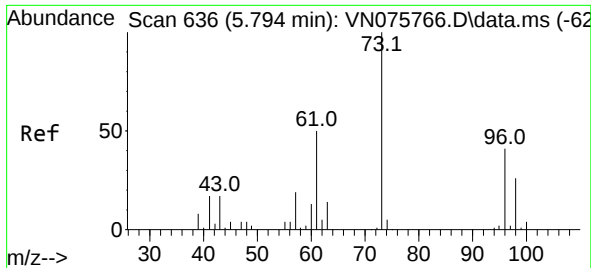
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 19.202 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 84 Resp: 58149
Ion Ratio Lower Upper
84 100
49 101.9 83.0 124.4
51 31.3 26.0 39.0
86 64.3 52.6 79.0





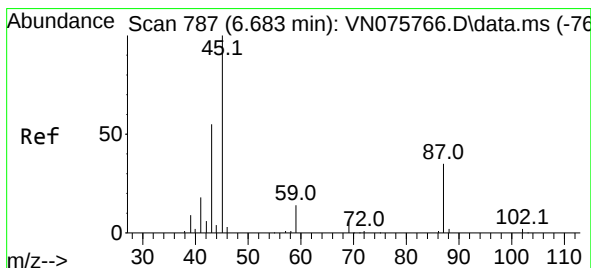
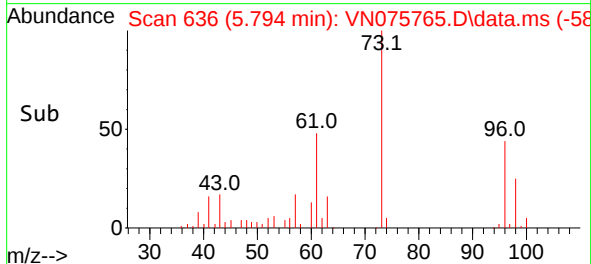
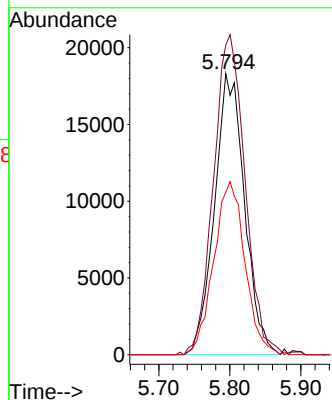
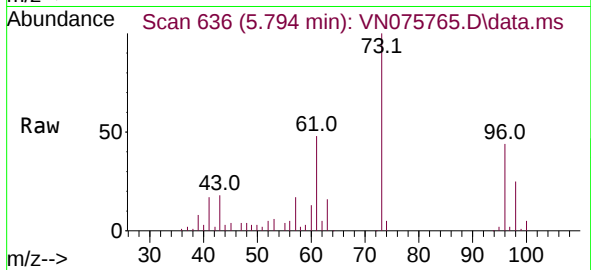
#21
trans-1,2-Dichloroethene
Concen: 19.894 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 5384
Ion Ratio Lower Upper
96 100
61 109.3 100.5 150.7
98 57.8 52.7 79.1

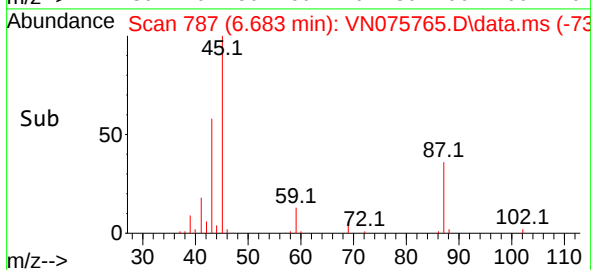
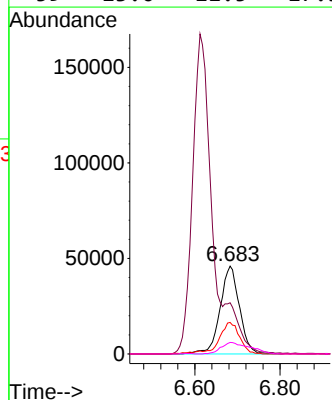
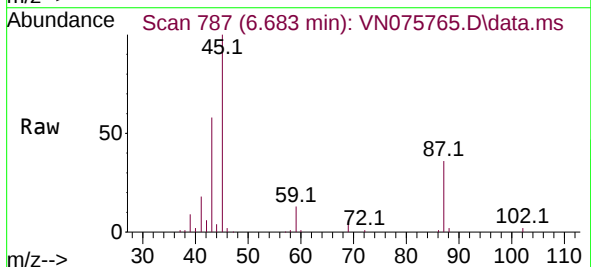
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#22
Diisopropyl ether
Concen: 21.103 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 45 Resp: 144814
Ion Ratio Lower Upper
45 100
43 56.9 44.9 67.3
87 35.9 28.8 43.2
59 13.0 11.5 17.3





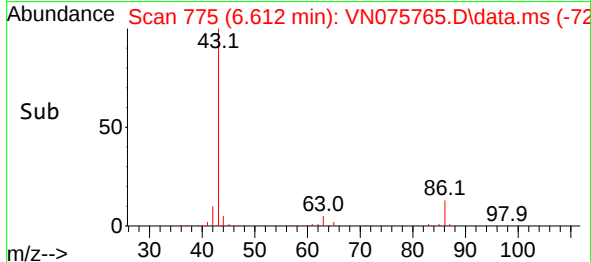
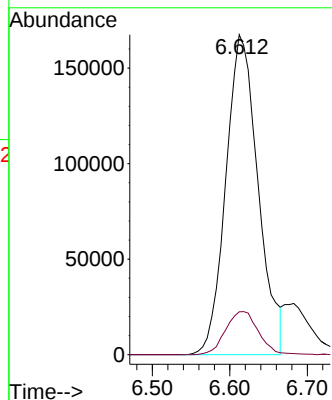
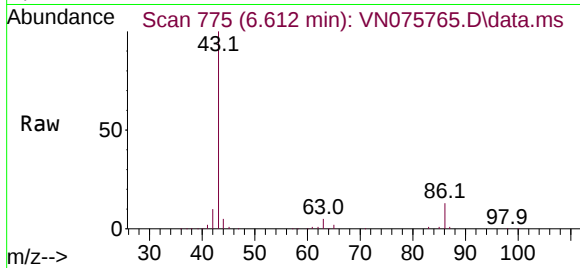
#23
 Vinyl Acetate
 Concen: 92.766 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 485410
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.5 17.3

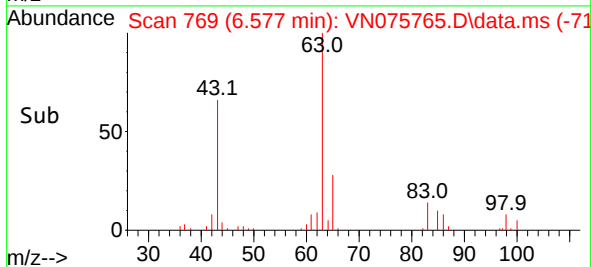
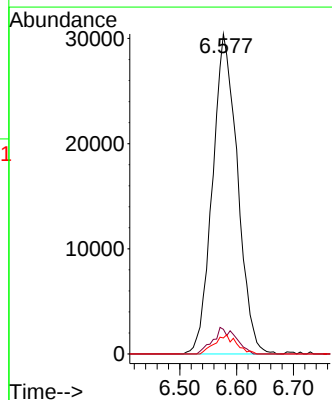
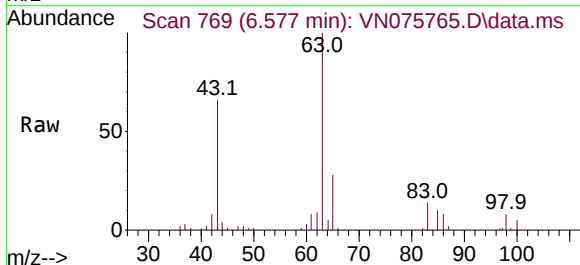
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#24
 1,1-Dichloroethane
 Concen: 20.566 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 63 Resp: 92898
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 12.9
 100 5.0 2.6 7.8





#25

2-Butanone

Concen: 101.709 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 15103

Ion Ratio Lower Upper

43 100

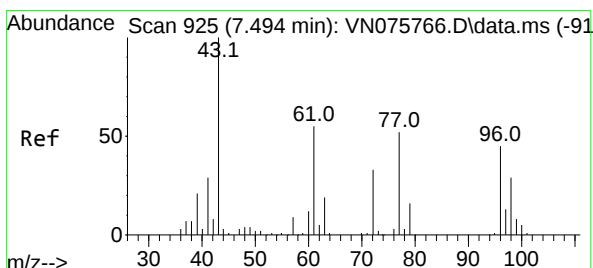
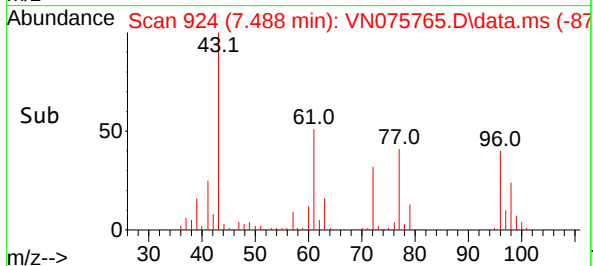
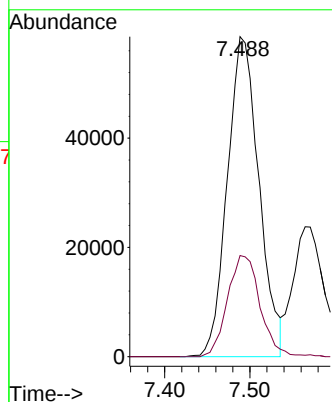
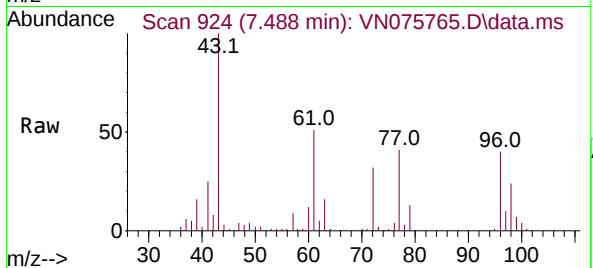
72 31.6 25.3 37.9

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 20.840 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075765.D

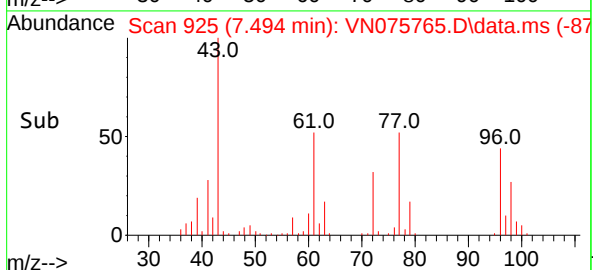
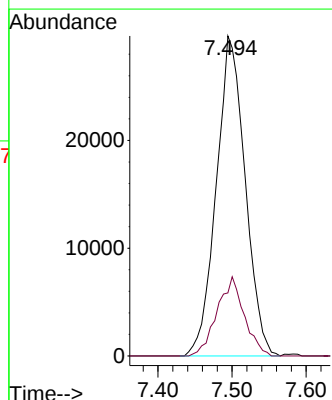
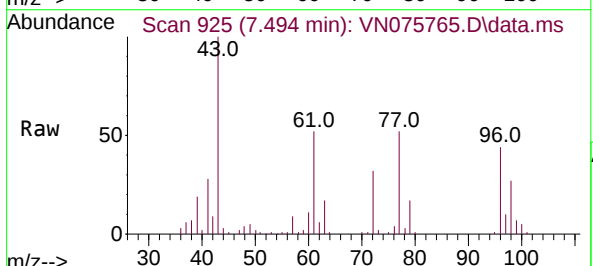
Acq: 14 Dec 2022 11:44

Tgt Ion: 77 Resp: 80285

Ion Ratio Lower Upper

77 100

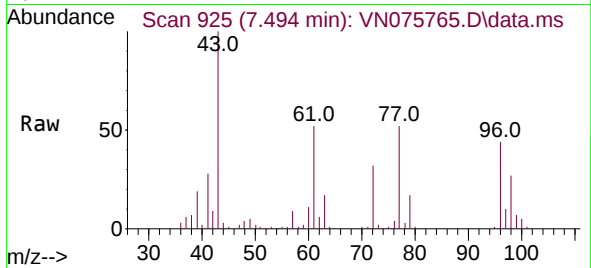
97 23.3 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.740 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

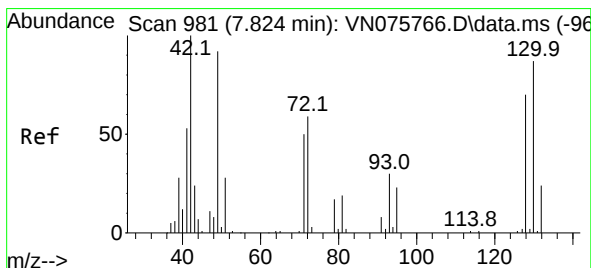
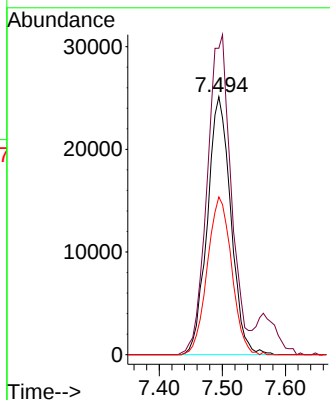
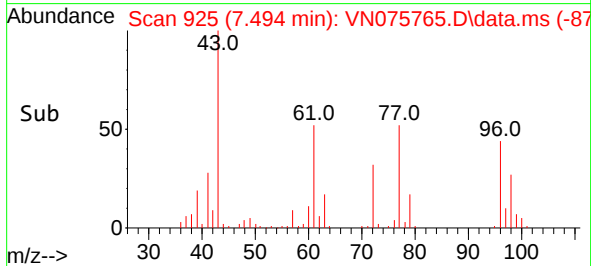
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 6485
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 247.8
 98 63.4 0.0 126.0

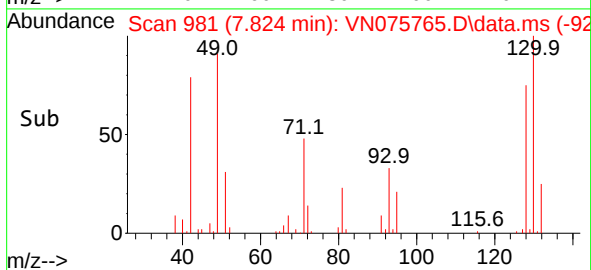
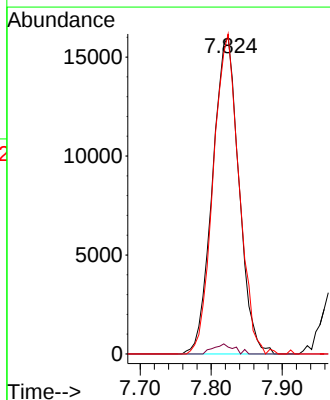
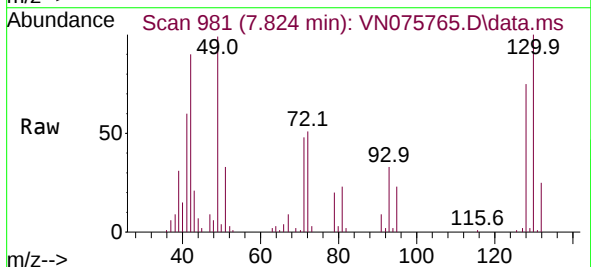
Manual Integrations
 APPROVED

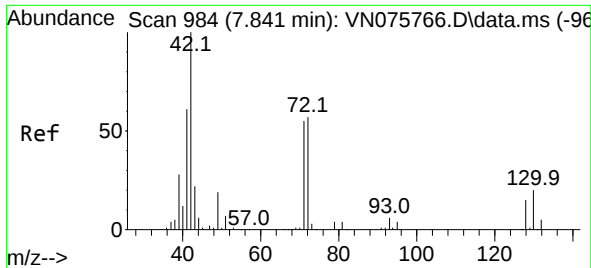
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28
 Bromochloromethane
 Concen: 22.821 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 49 Resp: 41215
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.4
 130 98.2 78.5 117.7





#29

Tetrahydrofuran

Concen: 105.804 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 9684

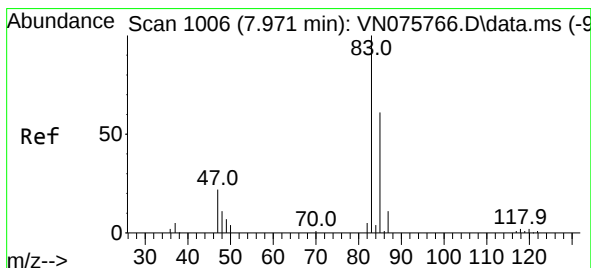
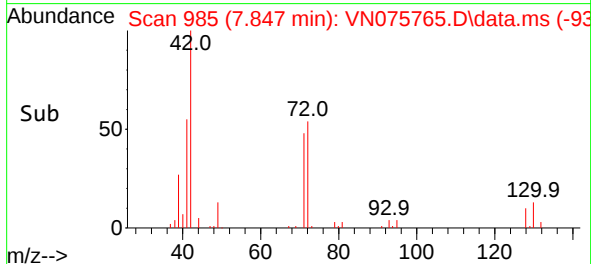
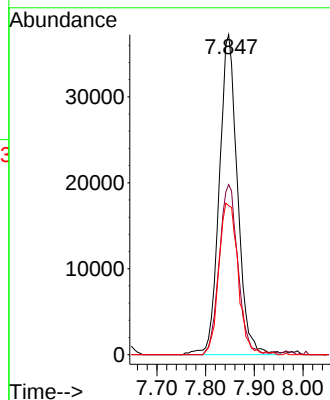
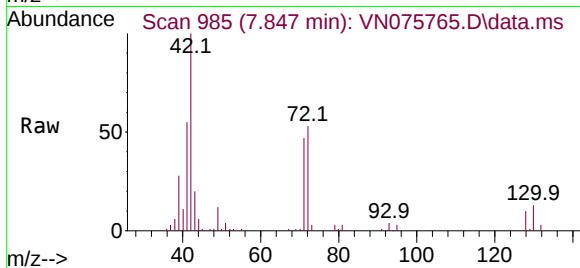
Ion	Ratio	Lower	Upper
42	100		
72	54.4	44.6	67.0
71	49.9	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 21.343 ug/l

RT: 7.971 min Scan# 1006

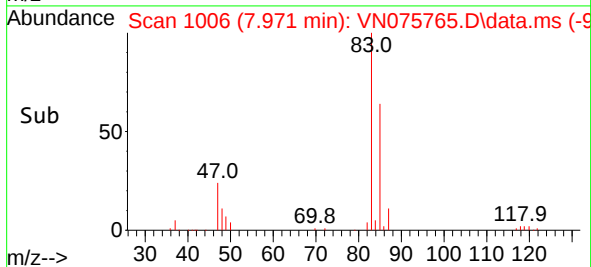
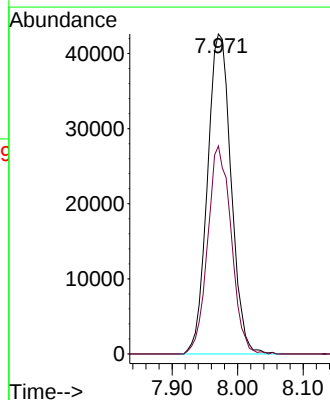
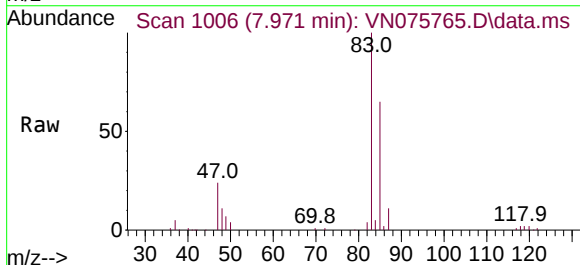
Delta R.T. 0.000 min

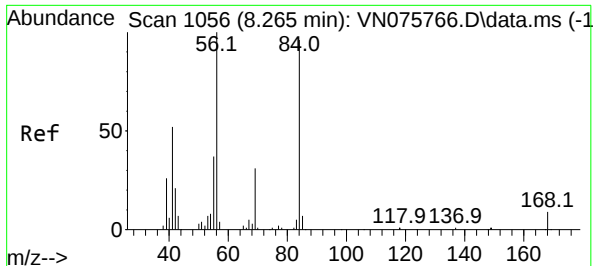
Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion: 83 Resp: 106785

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6





#31

Cyclohexane

Concen: 19.173 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 8514

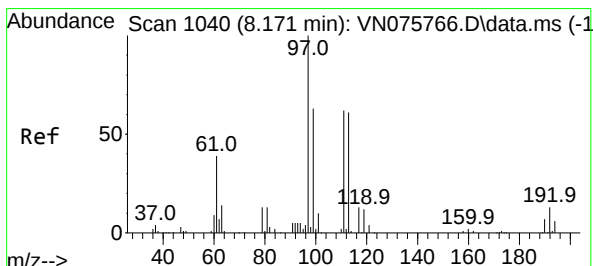
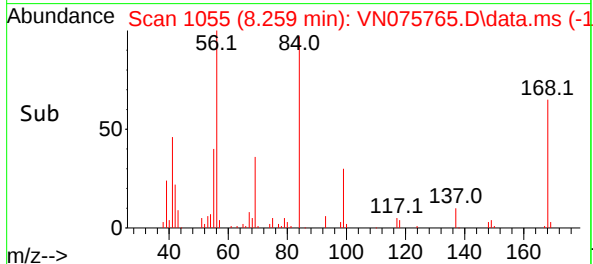
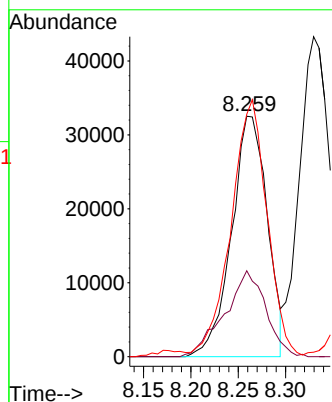
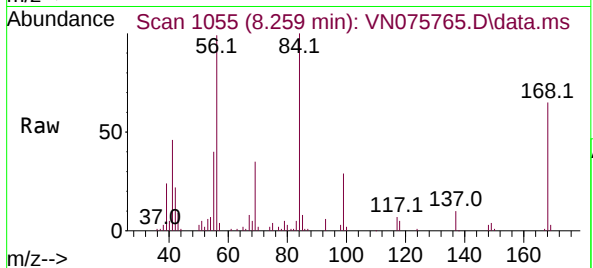
Ion	Ratio	Lower	Upper
56	100		
69	35.7	26.2	39.2
84	98.6	82.8	124.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#32

1,1,1-Trichloroethane

Concen: 20.855 ug/l

RT: 8.177 min Scan# 1041

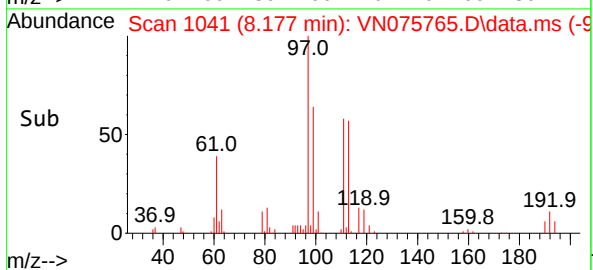
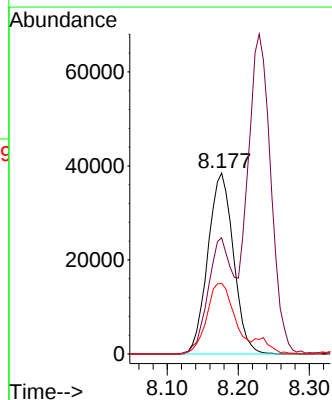
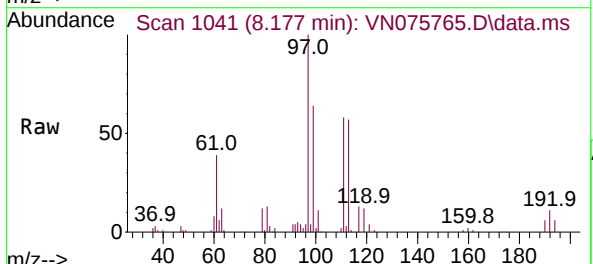
Delta R.T. 0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion: 97 Resp: 96265

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	42.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 19.969 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 5989

Ion Ratio Lower Upper

65 100

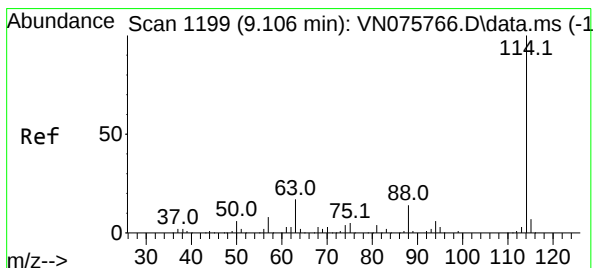
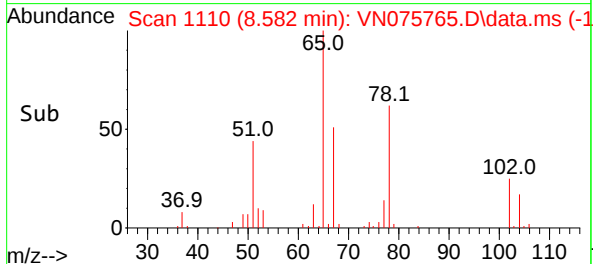
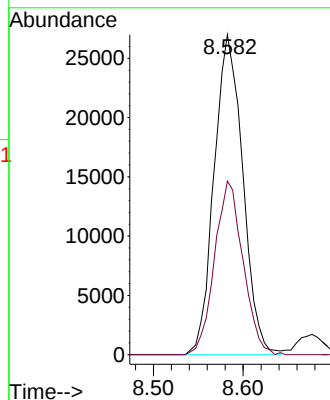
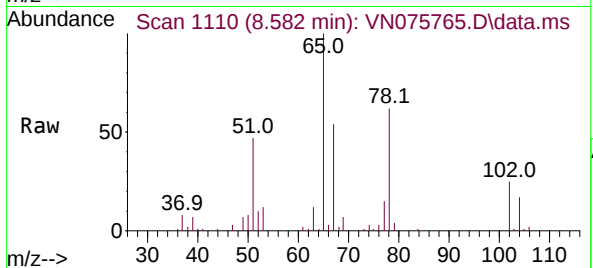
67 53.8 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

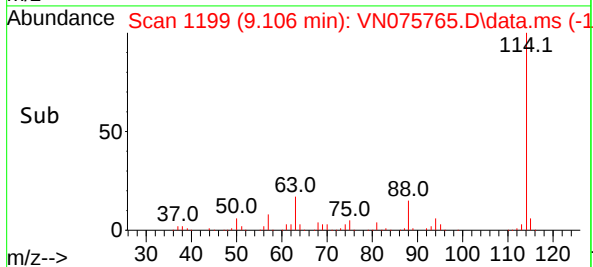
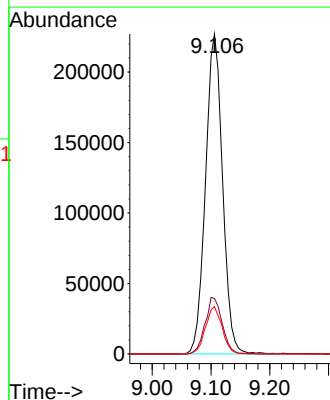
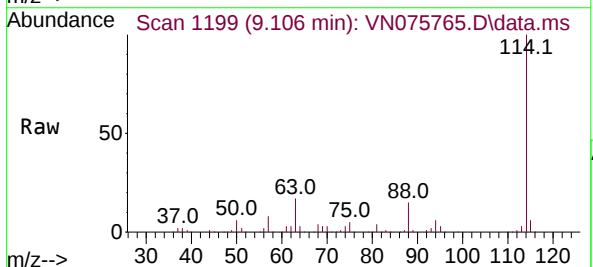
Tgt Ion:114 Resp: 456941

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

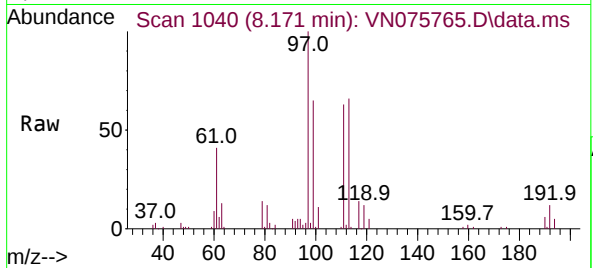
88 14.8 0.0 29.2





#35
Dibromofluoromethane
Concen: 19.579 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

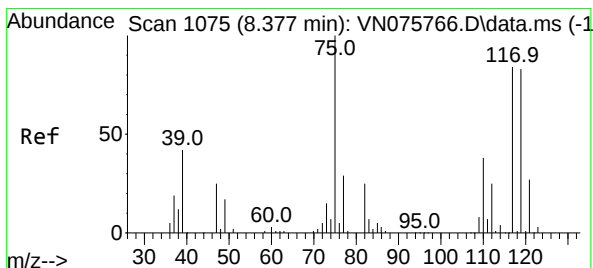
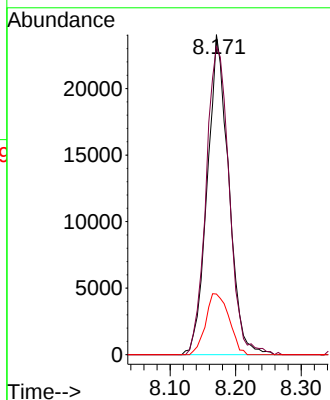
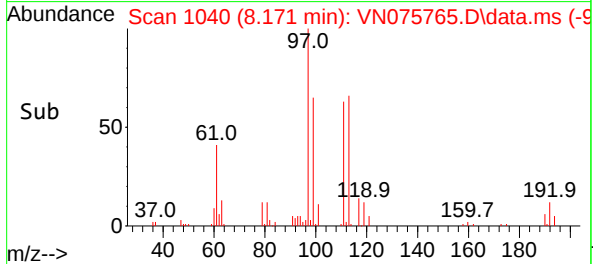
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



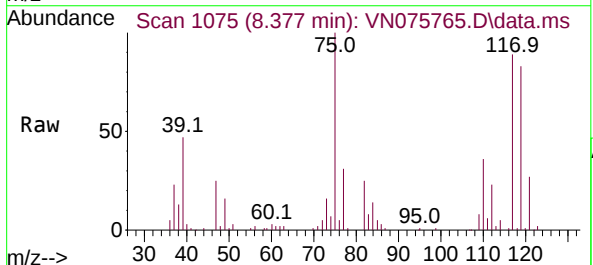
Tgt Ion: 113 Resp: 54584
Ion Ratio Lower Upper
113 100
111 104.1 81.0 121.6
192 20.7 16.2 24.2

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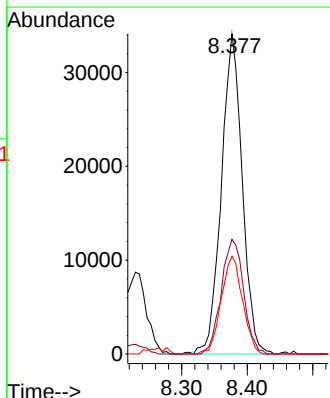
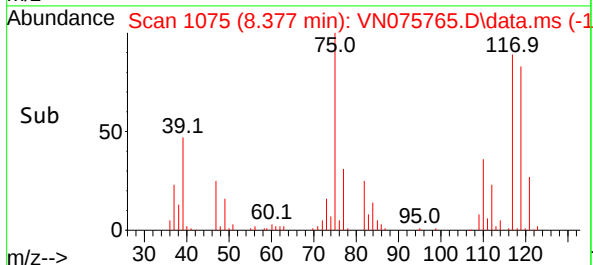
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

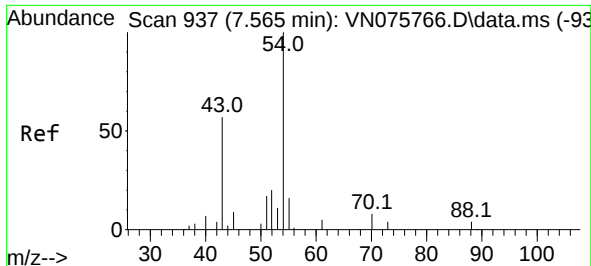


#36
1,1-Dichloropropene
Concen: 20.348 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44



Tgt Ion: 75 Resp: 75325
Ion Ratio Lower Upper
75 100
110 38.2 18.9 56.9
77 31.1 25.4 38.2





#37
Ethyl Acetate
Concen: 20.642 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

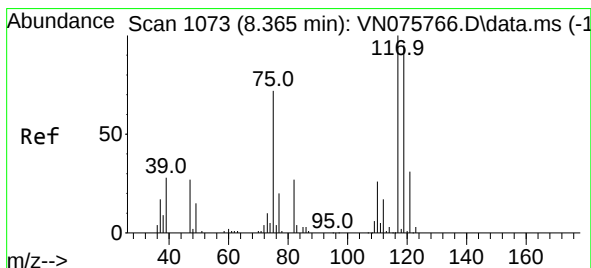
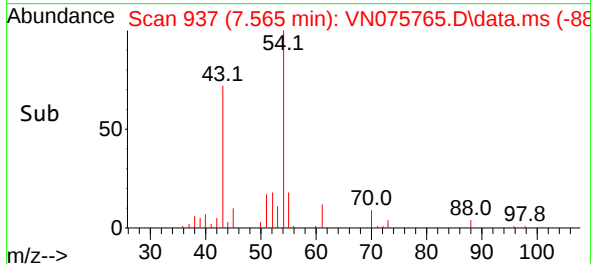
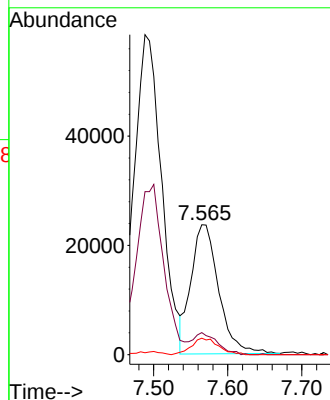
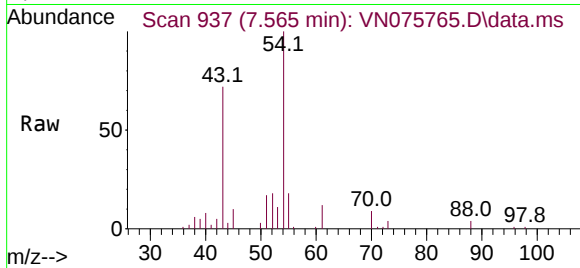
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 61352

Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.3	19.9
70	12.4	9.9	14.9

Manual Integrations
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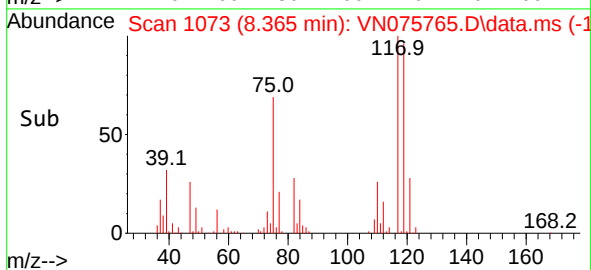
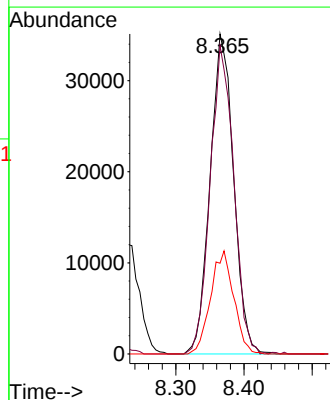
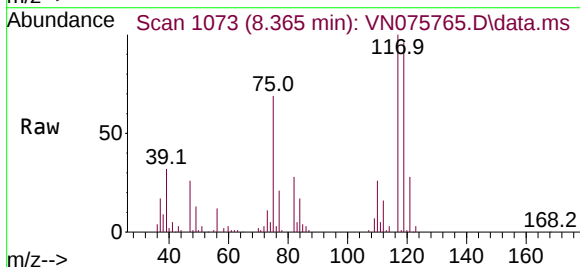
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

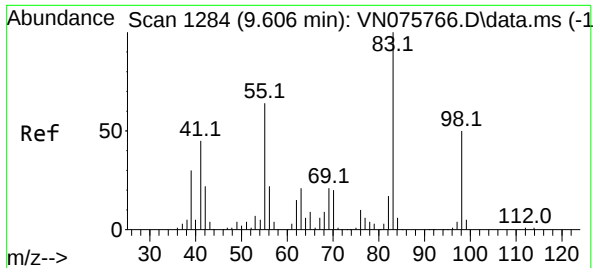


#38
Carbon Tetrachloride
Concen: 19.766 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:117 Resp: 84434

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	28.4	24.6	37.0





#39
Methylcyclohexane
Concen: 20.508 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

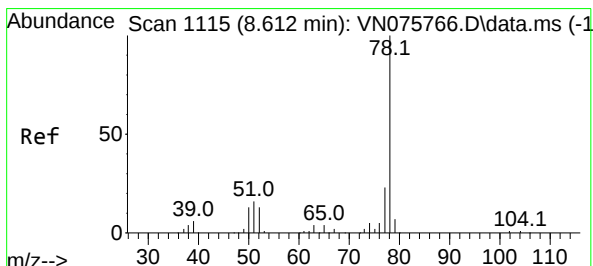
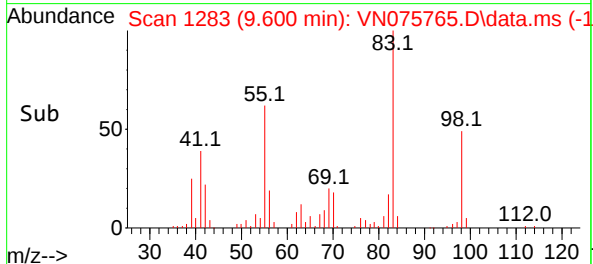
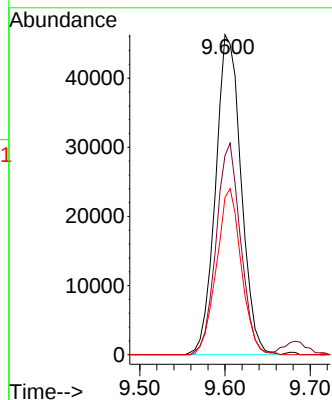
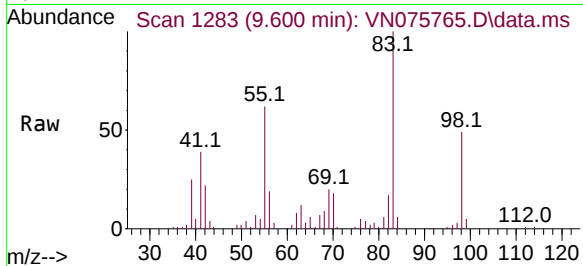
VSTDICC020

Tgt Ion: 83 Resp: 9626
Ion Ratio Lower Upper
83 100
55 62.2 51.6 77.4
98 49.1 39.8 59.8

Manual Integrations

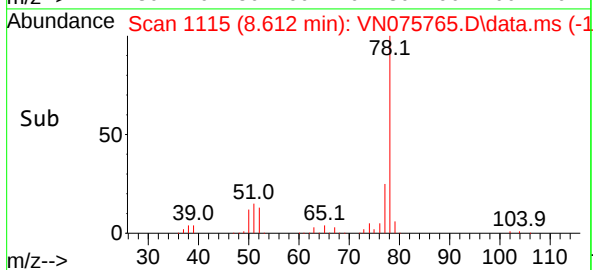
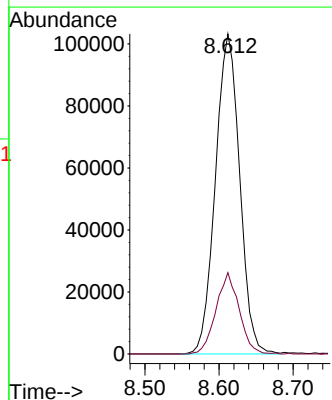
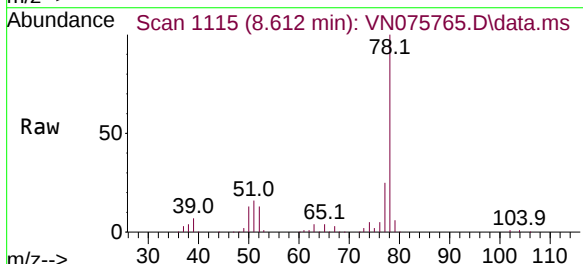
APPROVED

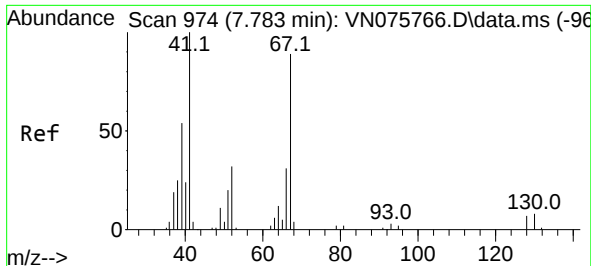
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 20.659 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

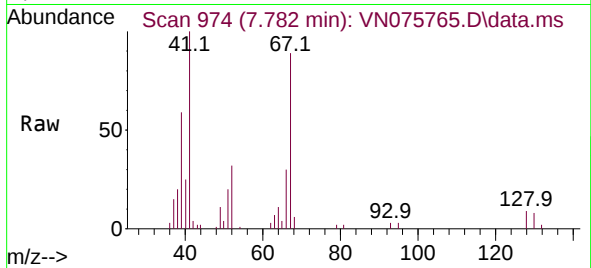
Tgt Ion: 78 Resp: 234707
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7





#41
Methacrylonitrile
Concen: 20.991 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

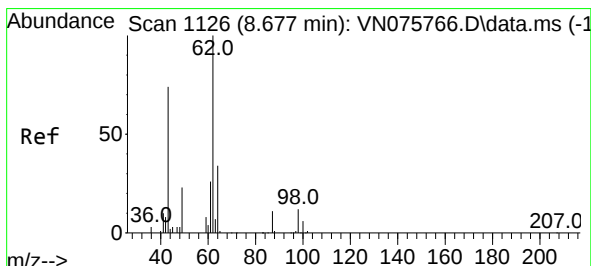
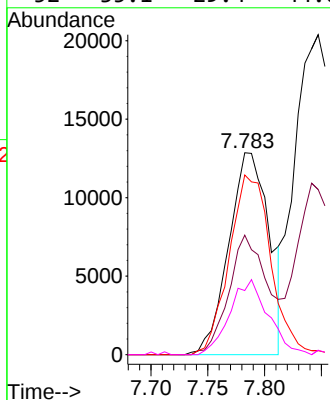
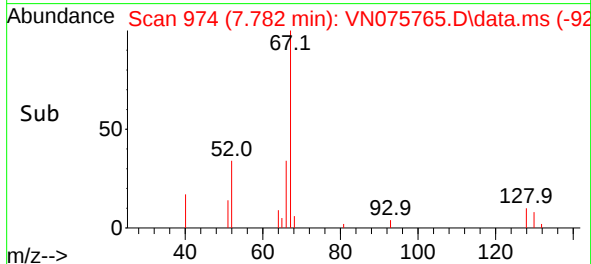
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 31990
Ion Ratio Lower Upper
41 100
39 55.7 46.3 69.5
67 91.7 74.0 111.0
52 35.1 29.4 44.0

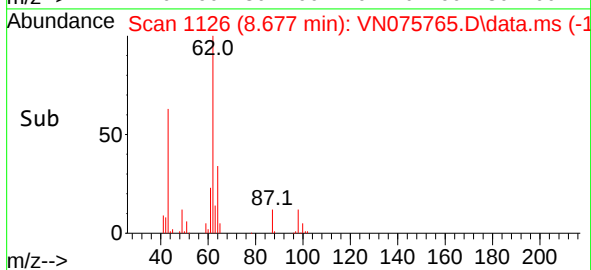
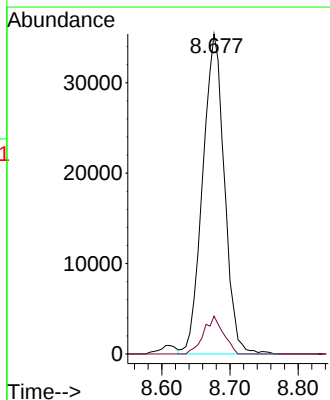
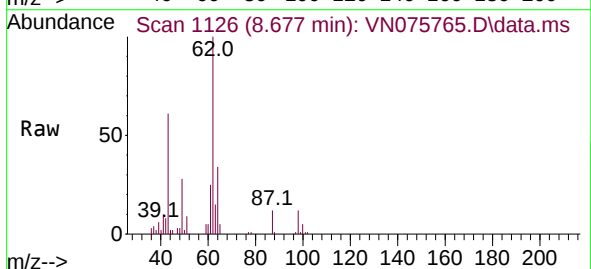
Manual Integrations
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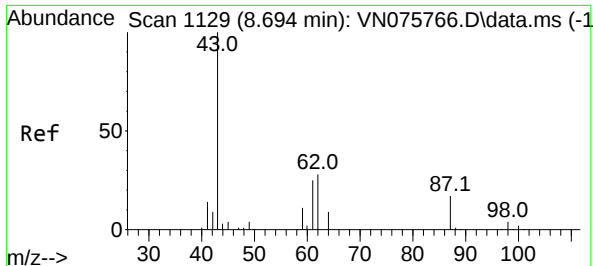
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 20.645 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 62 Resp: 78460
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.8





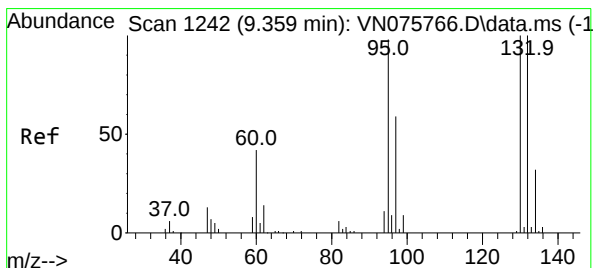
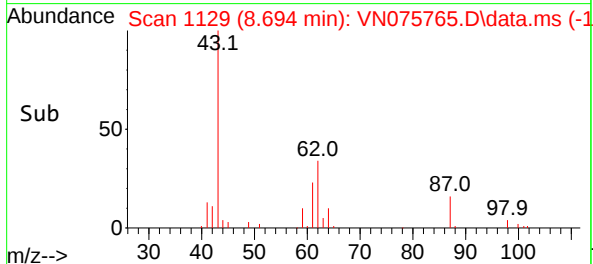
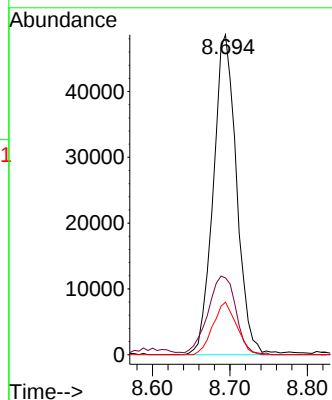
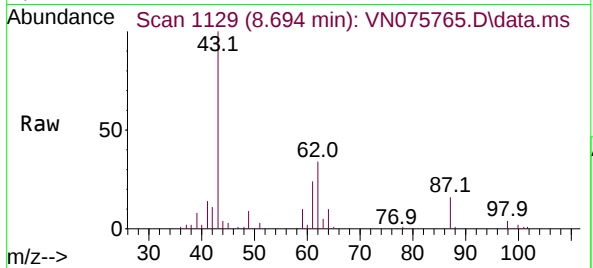
#43
Isopropyl Acetate
Concen: 20.437 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 10140
Ion Ratio Lower Upper
43 100
61 29.6 23.8 35.8
87 16.6 13.7 20.5

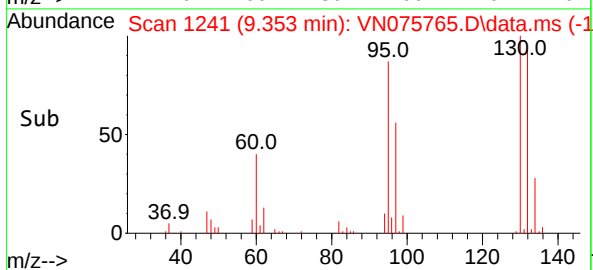
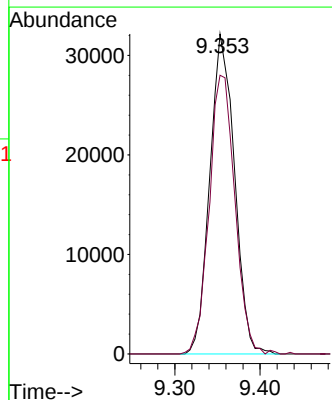
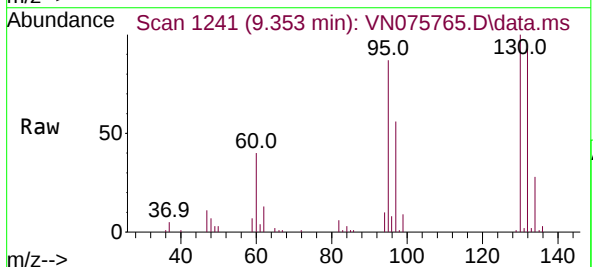
Manual Integrations
APPROVED

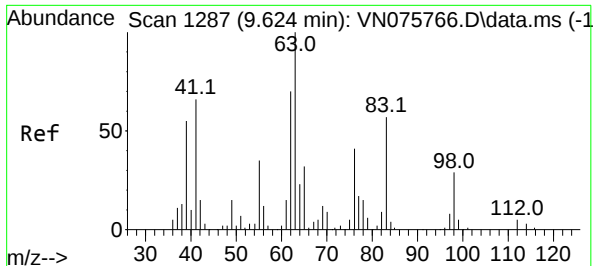
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#44
Trichloroethene
Concen: 20.198 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:130 Resp: 64735
Ion Ratio Lower Upper
130 100
95 87.1 0.0 176.8





#45

1,2-Dichloropropane

Concen: 20.563 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 5556

Ion Ratio Lower Upper

63 100

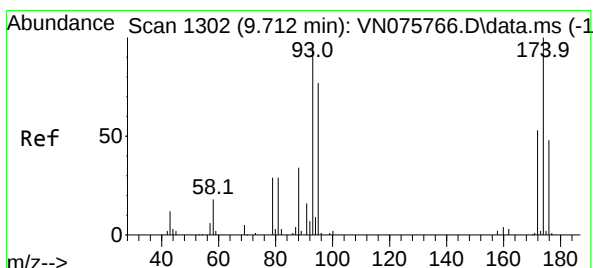
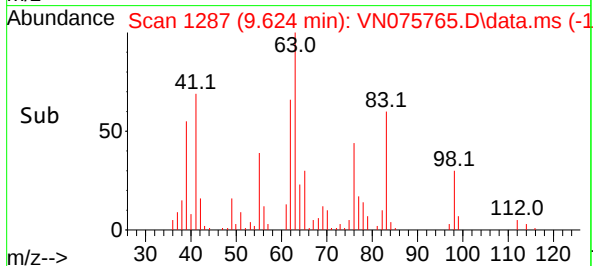
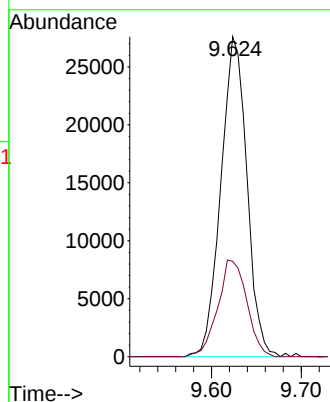
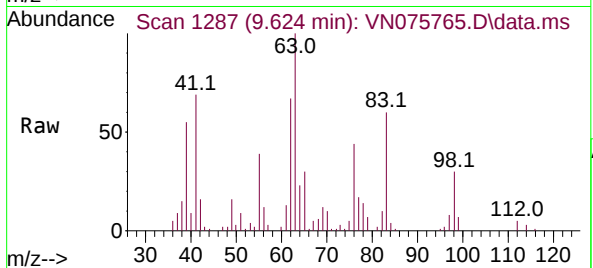
65 29.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 20.749 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

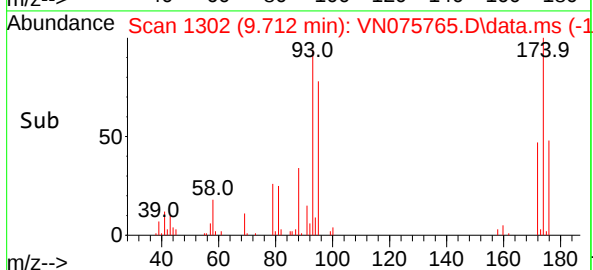
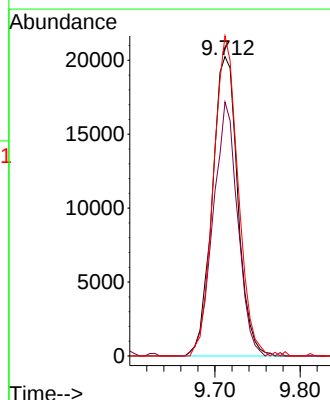
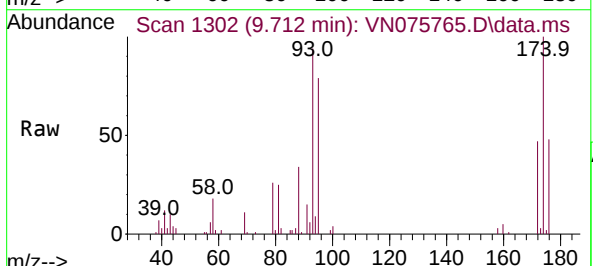
Tgt Ion: 93 Resp: 42092

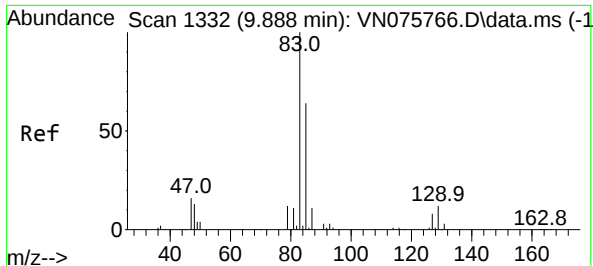
Ion Ratio Lower Upper

93 100

95 81.7 67.3 100.9

174 103.2 85.0 127.6





#47

Bromodichloromethane

Concen: 20.266 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

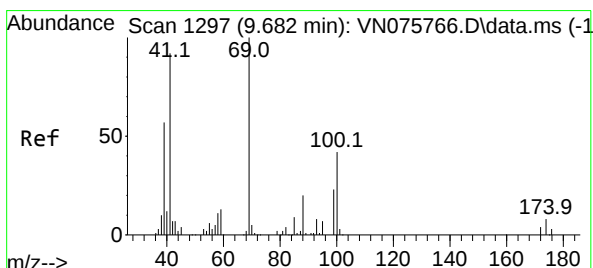
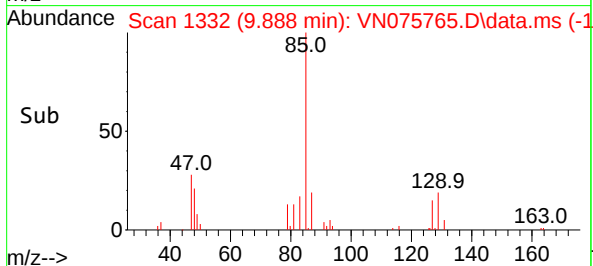
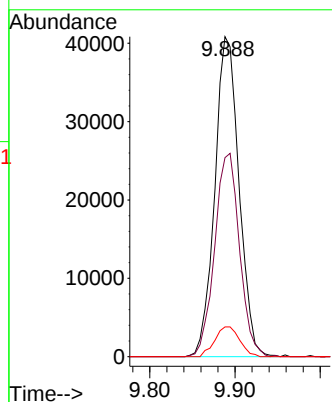
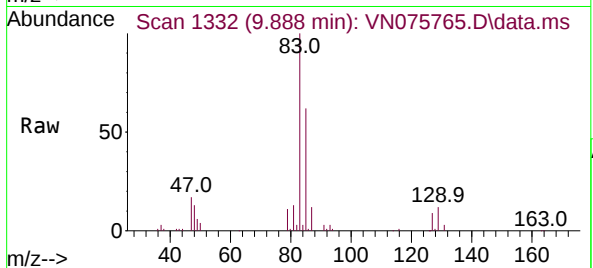
Tgt Ion: 83	Resp: 80600
Ion Ratio	Lower Upper
83 100	
85 62.2	48.0 72.0
127 9.3	7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#48

Methyl methacrylate

Concen: 19.896 ug/l

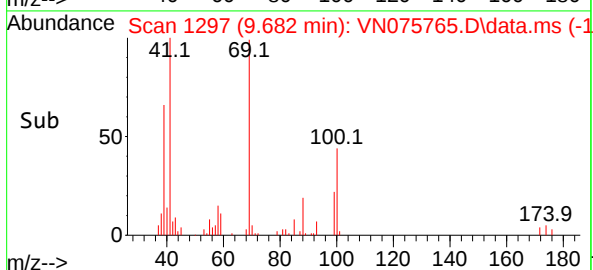
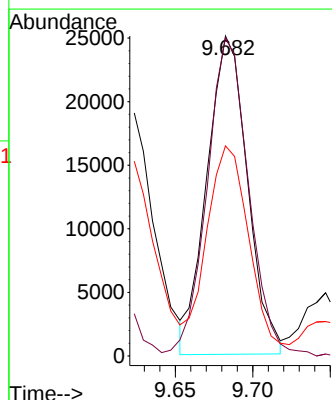
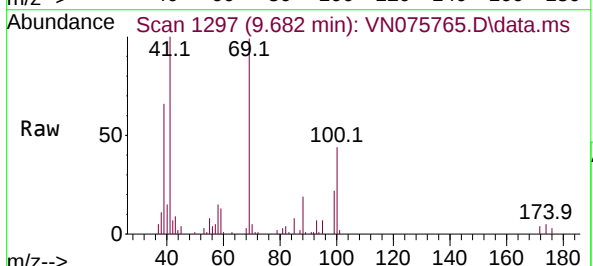
RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion: 41	Resp: 45469
Ion Ratio	Lower Upper
41 100	
69 102.9	82.5 123.7
39 70.5	53.2 79.8





#49

1,4-Dioxane

Concen: 410.250 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 22790

Ion Ratio Lower Upper

88 100

43 18.3 17.4 26.0

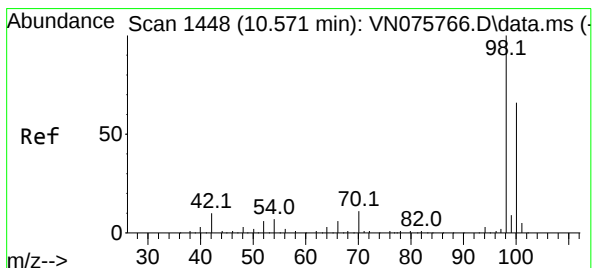
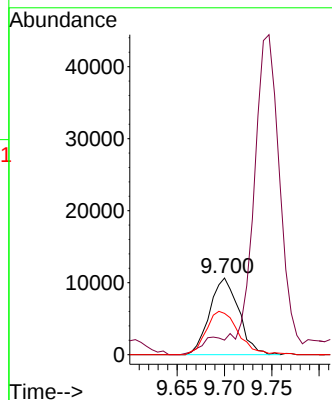
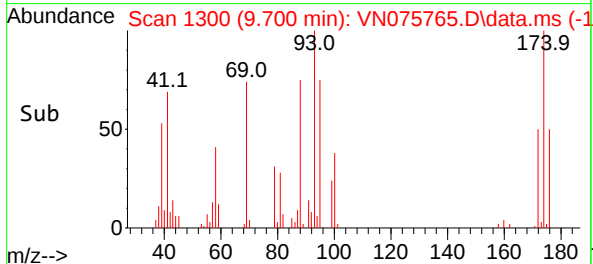
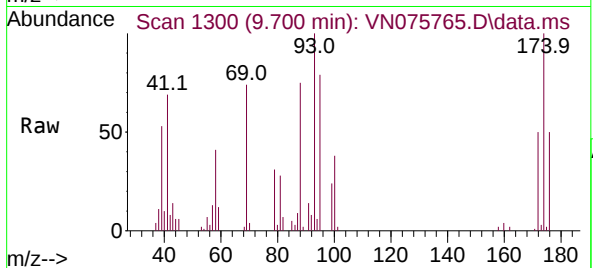
58 62.5 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 20.042 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075765.D

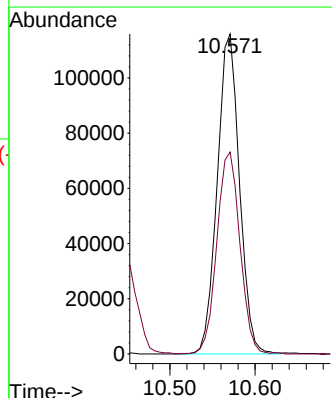
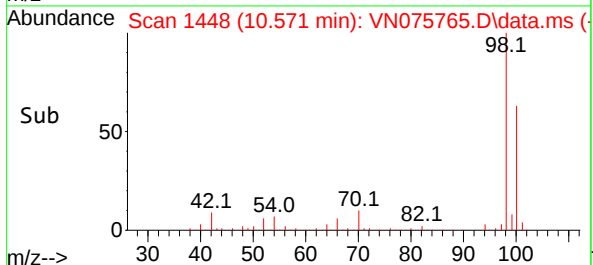
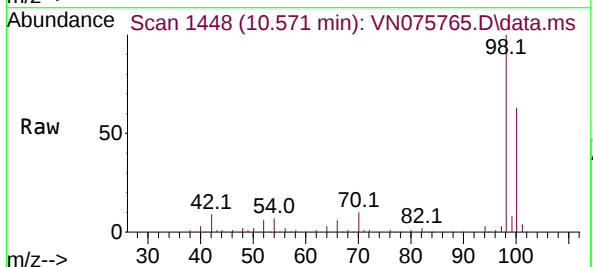
Acq: 14 Dec 2022 11:44

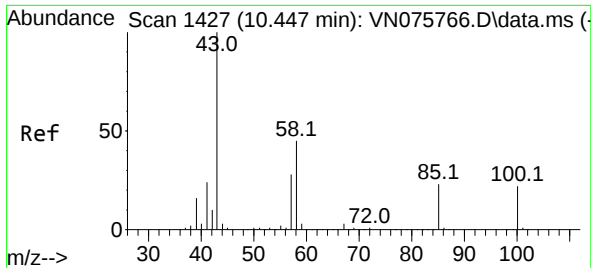
Tgt Ion: 98 Resp: 209838

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8





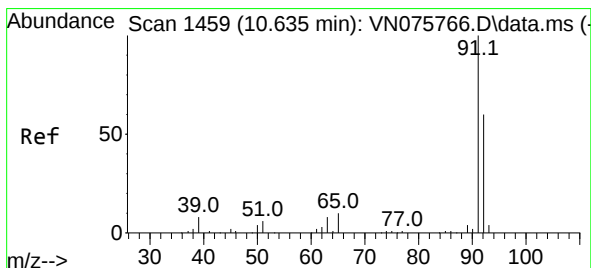
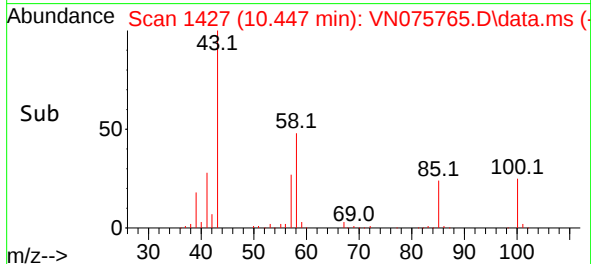
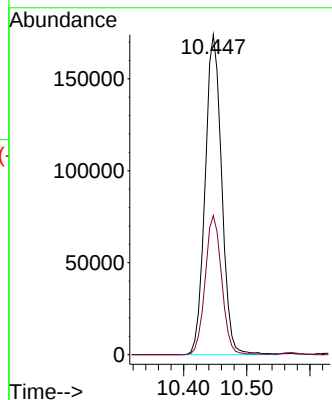
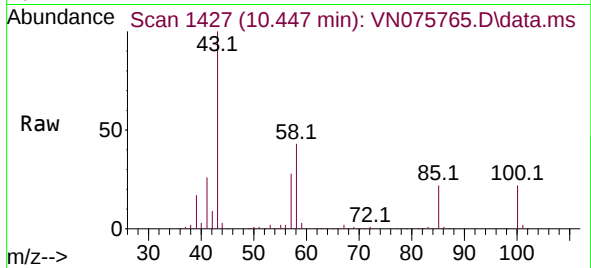
#51
4-Methyl-2-Pentanone
Concen: 103.789 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 317554
Ion Ratio Lower Upper
43 100
58 43.4 35.0 52.6

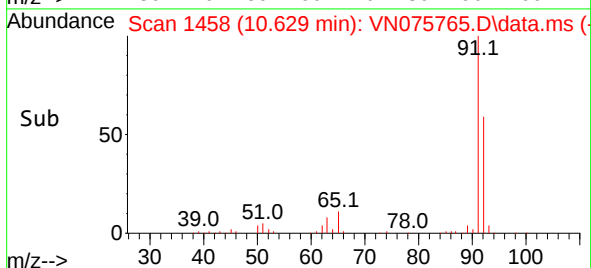
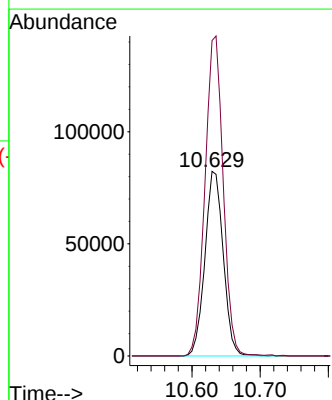
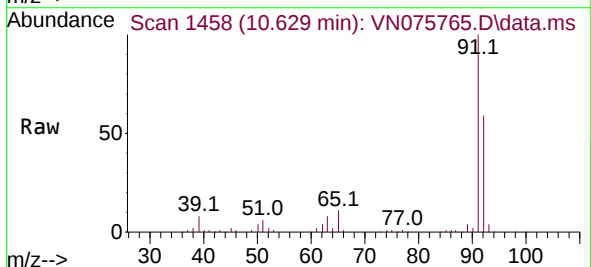
Manual Integrations
APPROVED

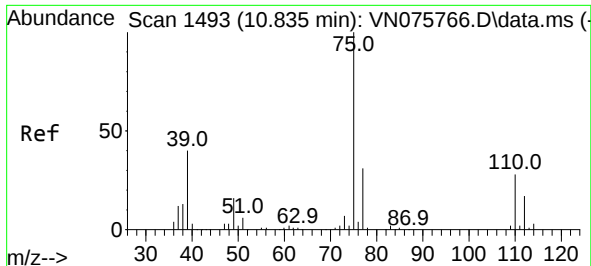
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 20.493 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 92 Resp: 153884
Ion Ratio Lower Upper
92 100
91 171.5 137.9 206.9





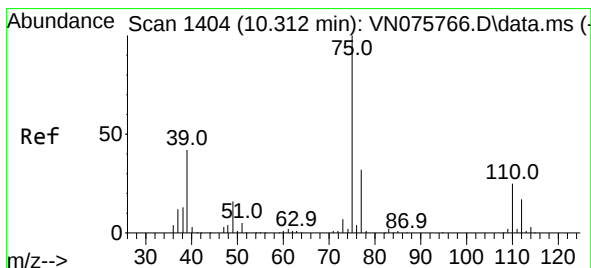
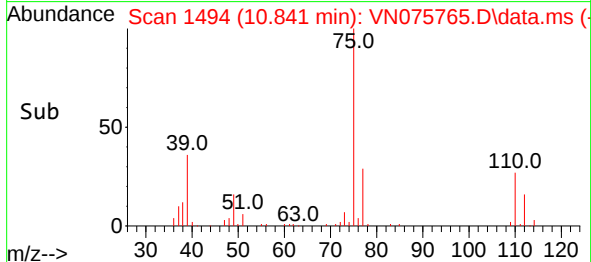
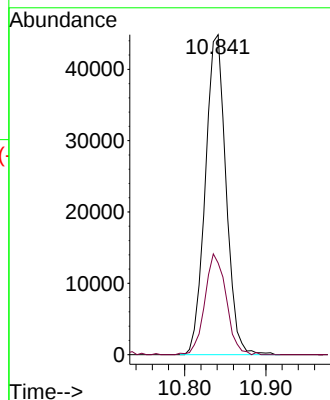
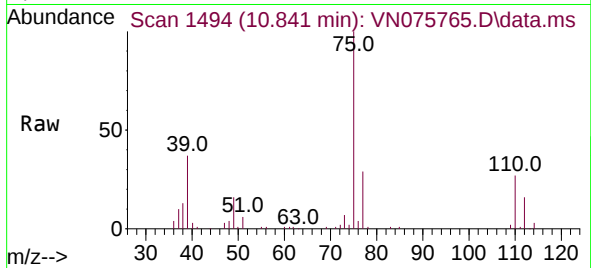
#53
 t-1,3-Dichloropropene
 Concen: 20.223 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 7944
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.3 36.5

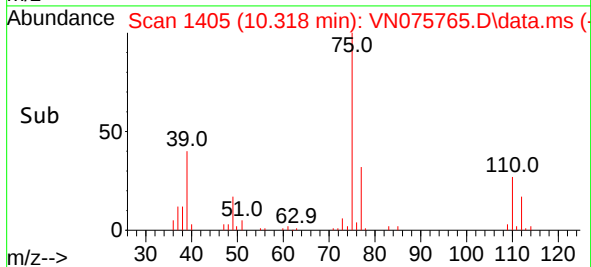
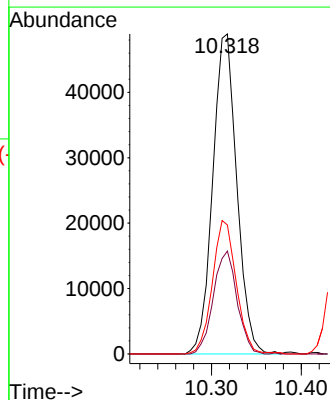
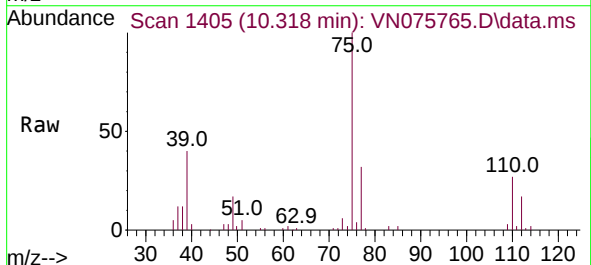
Manual Integrations
 APPROVED

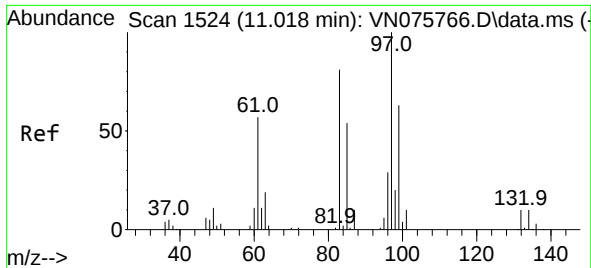
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.879 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 75 Resp: 91249
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 40.3 32.0 48.0





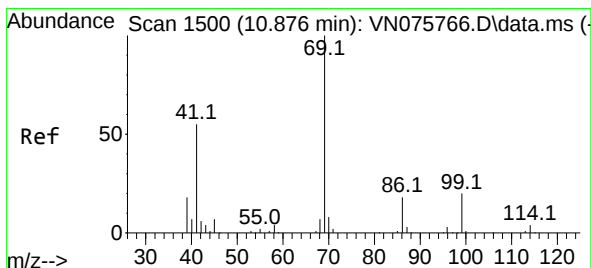
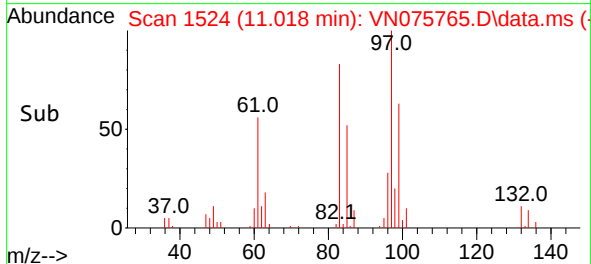
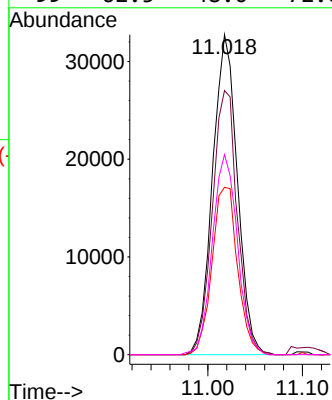
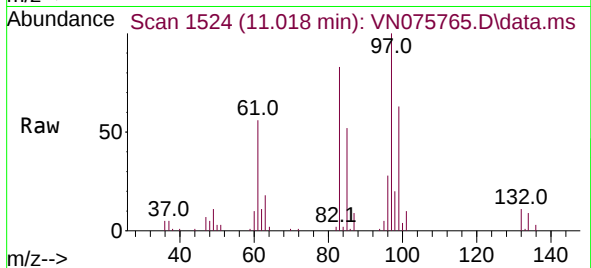
#55
1,1,2-Trichloroethane
Concen: 20.184 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 5959
Ion Ratio	Lower Upper
97 100	
83 82.5	62.7 94.1
85 52.3	41.8 62.6
99 62.5	48.0 72.0

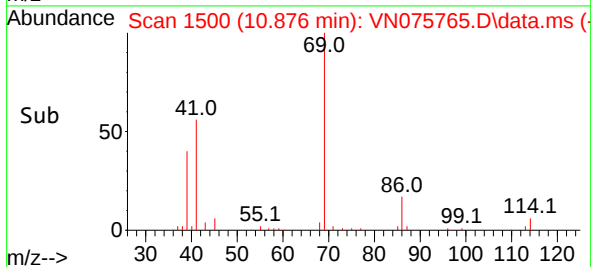
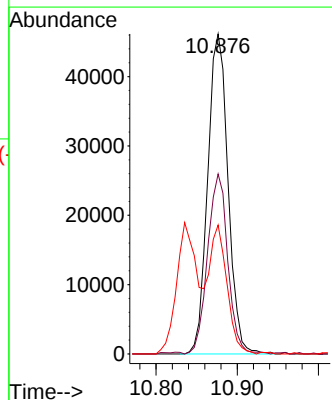
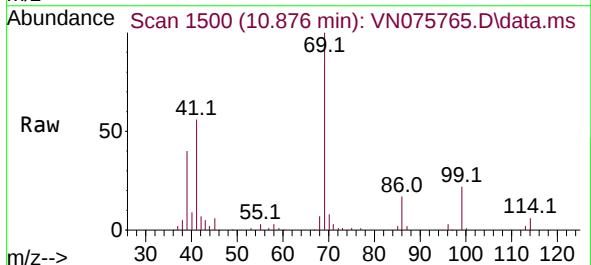
Manual Integrations
APPROVED

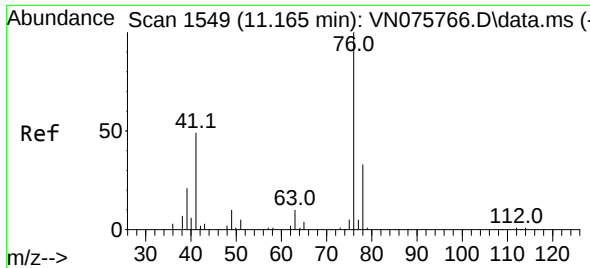
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 20.038 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 69	Resp: 80162
Ion Ratio	Lower Upper
69 100	
41 56.0	44.1 66.1
39 34.6	27.7 41.5





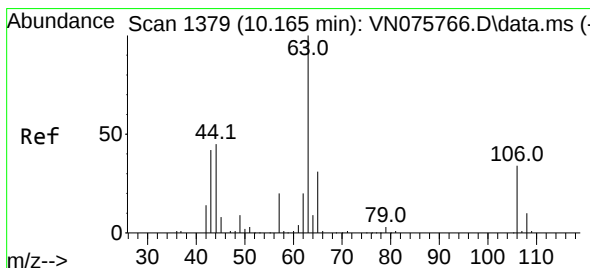
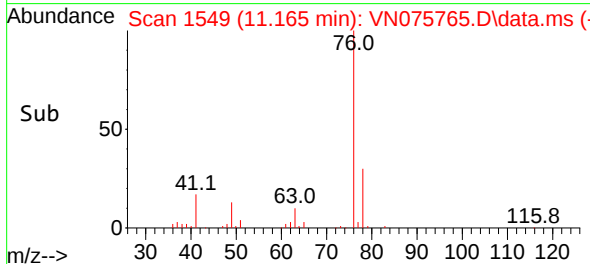
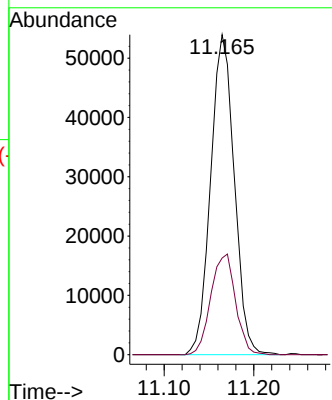
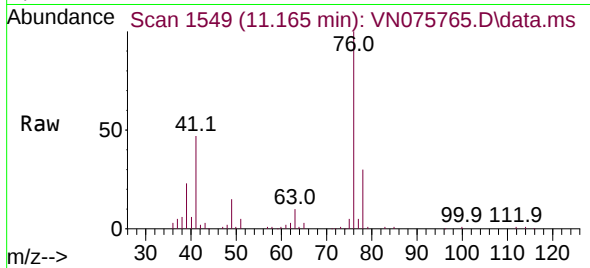
#57
1,3-Dichloropropane
Concen: 20.689 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 98732
Ion Ratio Lower Upper
76 100
78 32.8 26.8 40.2

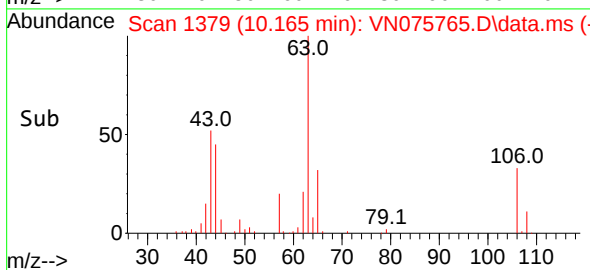
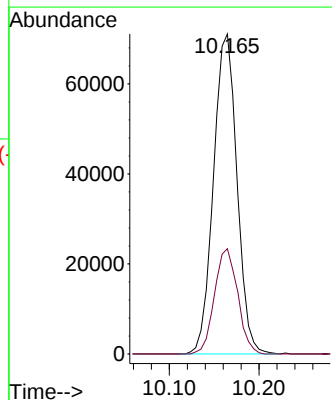
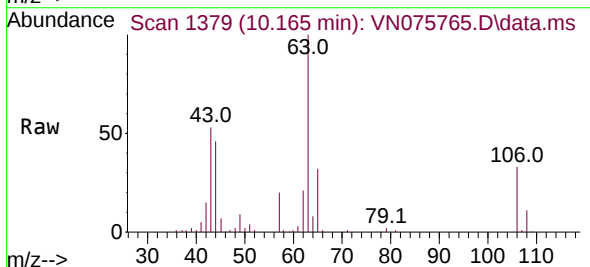
Manual Integrations
APPROVED

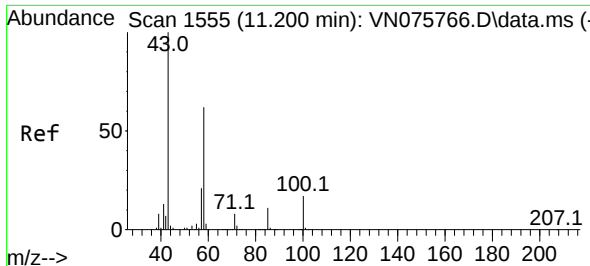
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#58
2-Chloroethyl Vinyl ether
Concen: 109.427 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 63 Resp: 129255
Ion Ratio Lower Upper
63 100
106 32.4 26.6 40.0





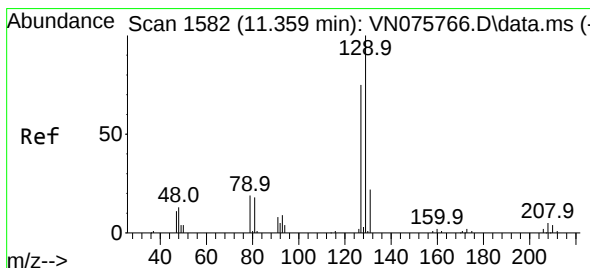
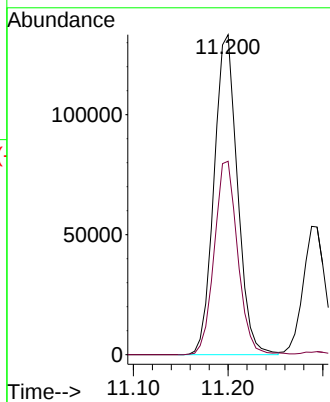
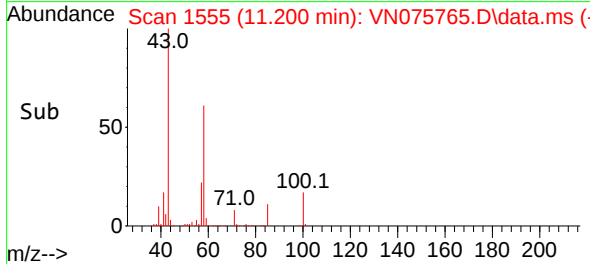
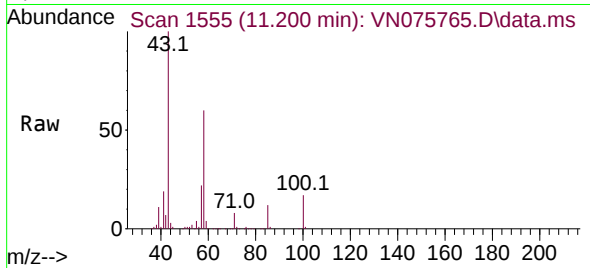
#59
2-Hexanone
Concen: 103.082 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 22913
Ion Ratio Lower Upper
43 100
58 60.5 30.9 92.5

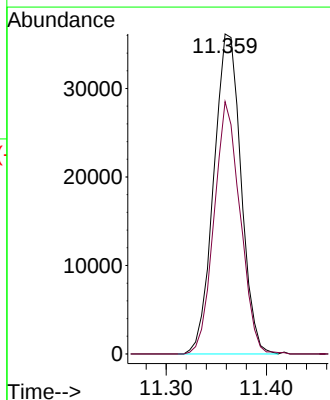
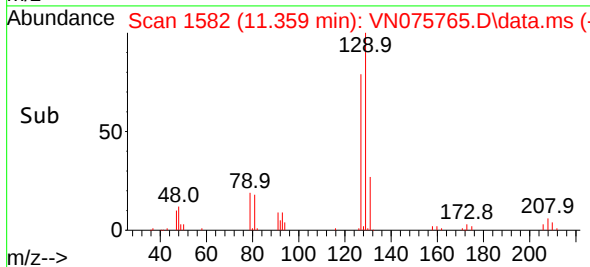
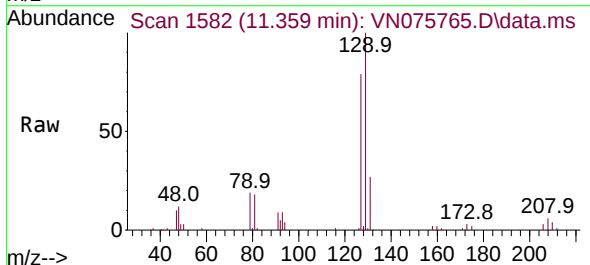
Manual Integrations
APPROVED

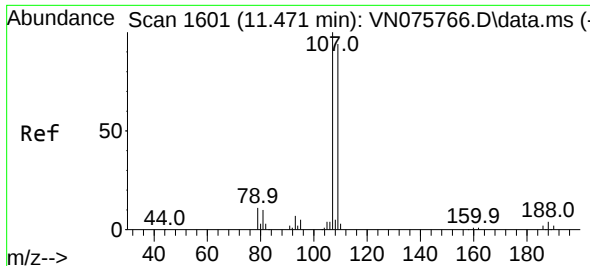
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 20.995 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:129 Resp: 68211
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





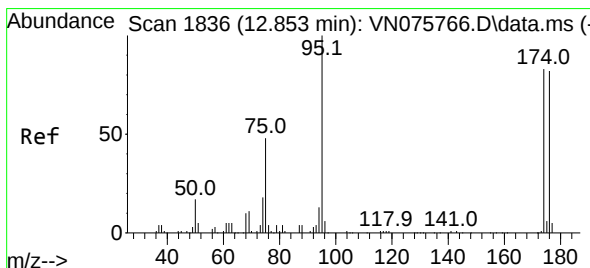
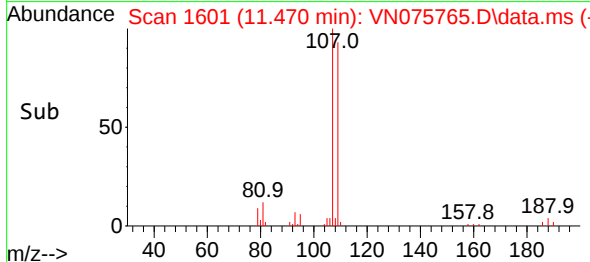
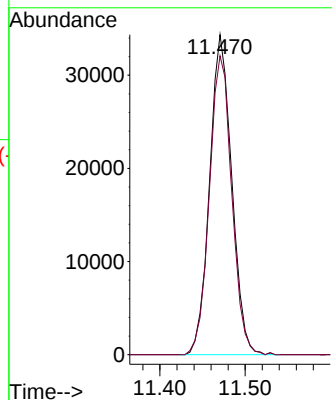
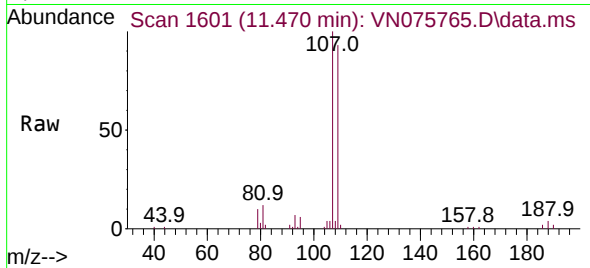
#61
1,2-Dibromoethane
Concen: 20.010 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 61890
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

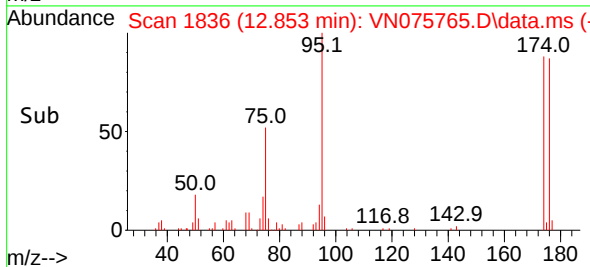
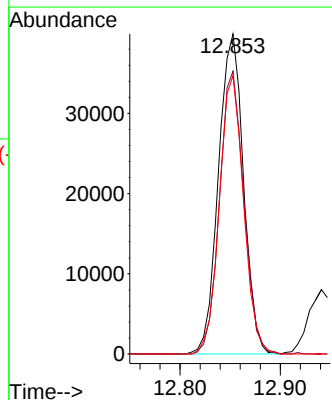
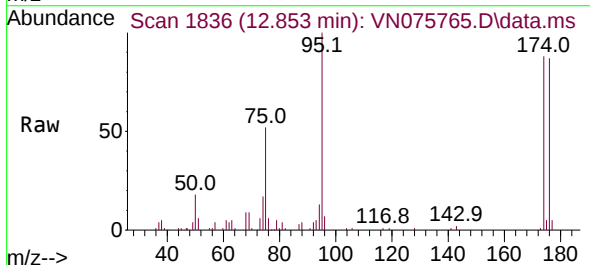
Manual Integrations
APPROVED

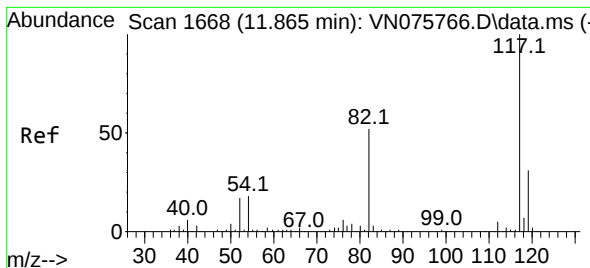
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 19.280 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

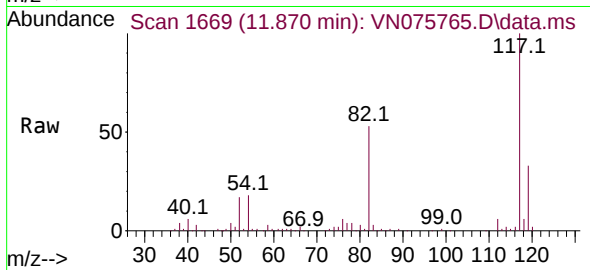
Tgt Ion: 95 Resp: 69015
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.6
176 84.0 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

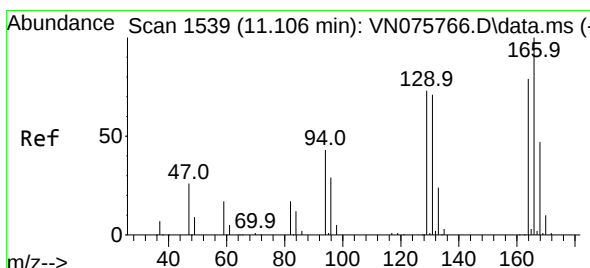
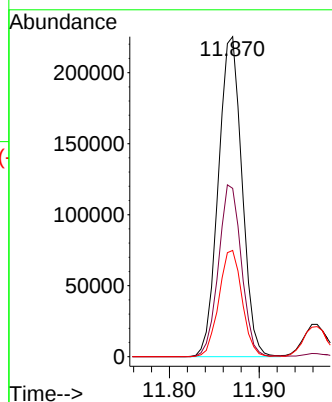
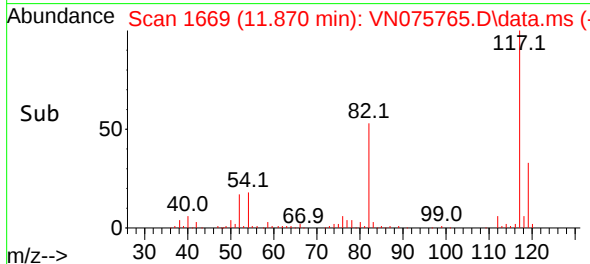
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 41229
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 33.2 25.8 38.6

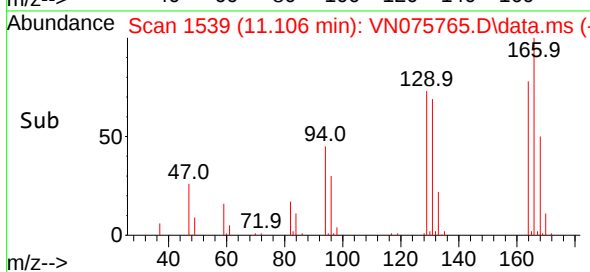
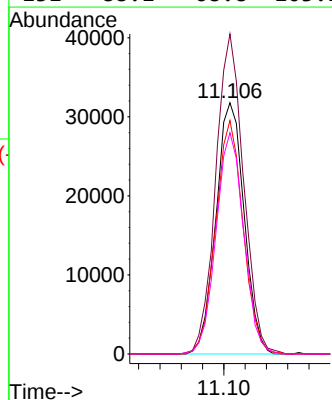
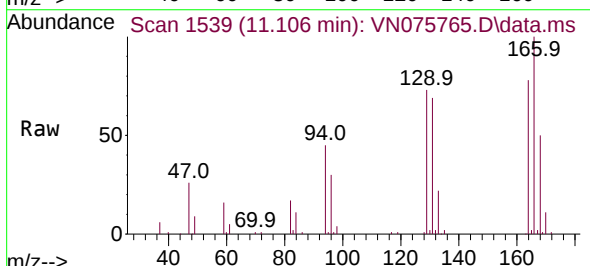
Manual Integrations
APPROVED

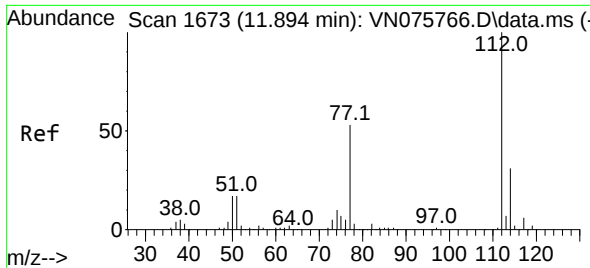
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 19.432 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:164 Resp: 58358
Ion Ratio Lower Upper
164 100
166 127.4 100.3 150.5
129 93.0 73.9 110.9
131 88.1 68.8 103.2





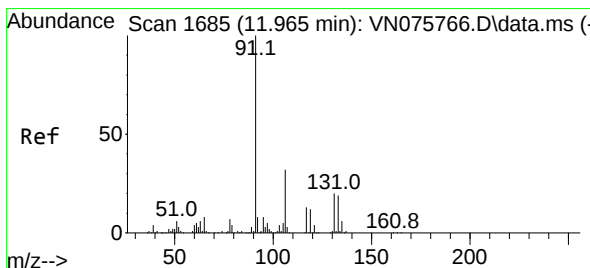
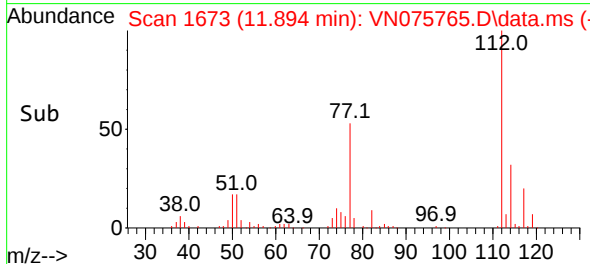
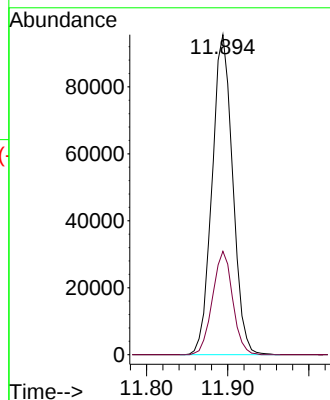
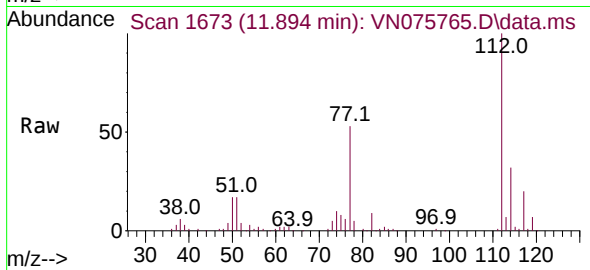
#65
Chlorobenzene
Concen: 19.885 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 16868
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

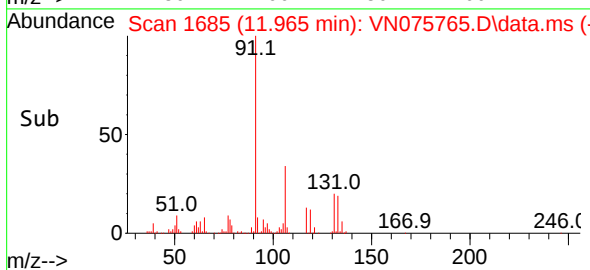
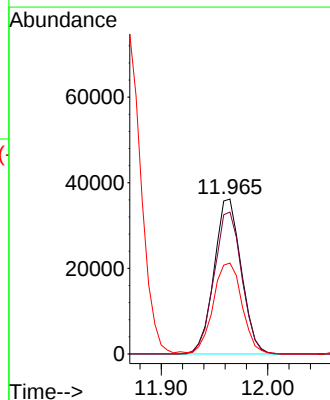
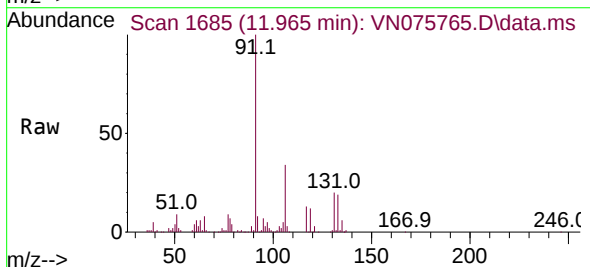
Manual Integrations
APPROVED

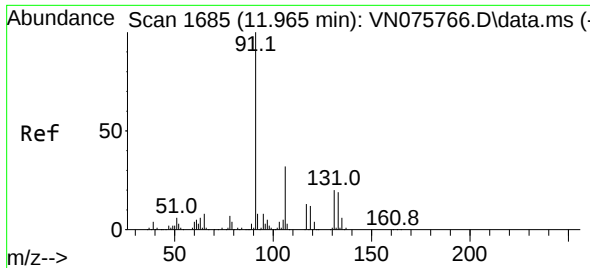
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.753 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:131 Resp: 64053
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 62.2 32.5 97.4





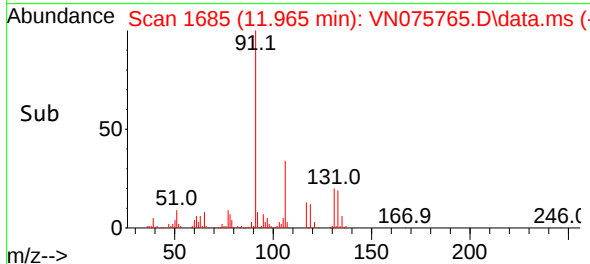
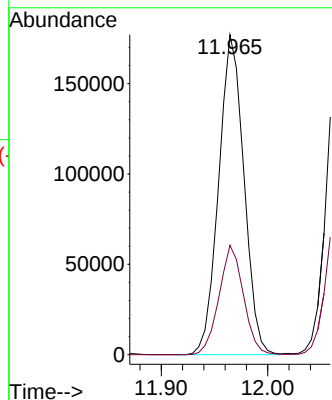
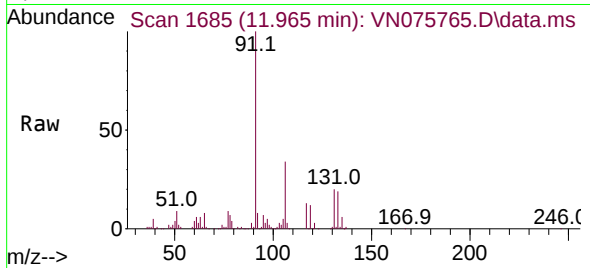
#67
Ethyl Benzene
Concen: 20.286 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 291128
Ion Ratio Lower Upper
91 100
106 34.2 26.9 40.3

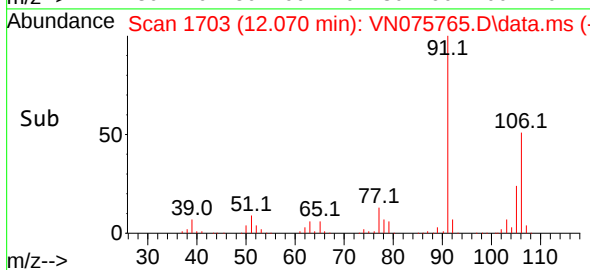
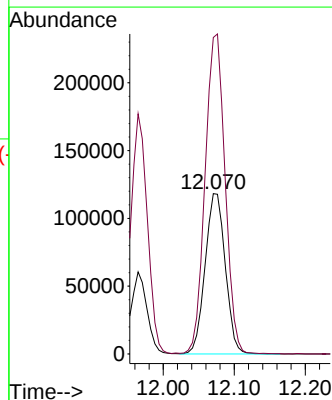
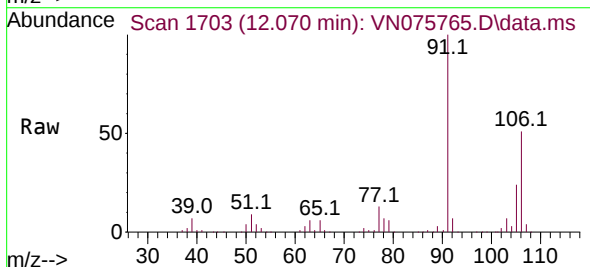
Manual Integrations
APPROVED

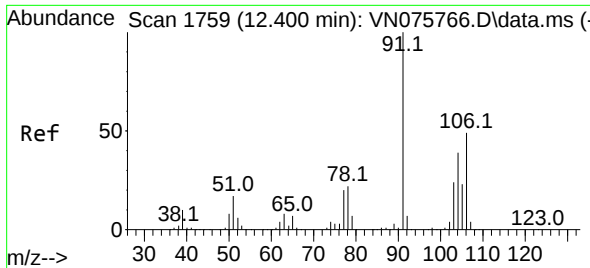
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 40.263 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:106 Resp: 233470
Ion Ratio Lower Upper
106 100
91 198.0 156.2 234.4





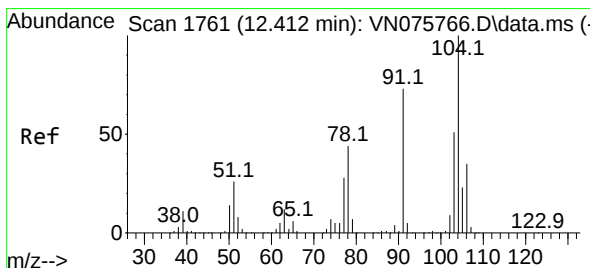
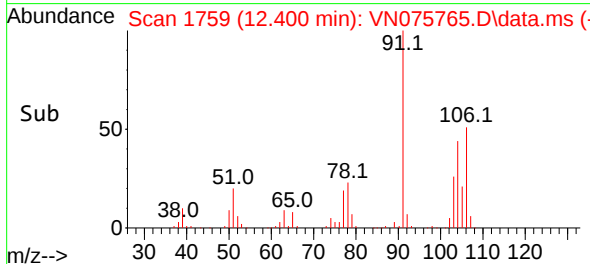
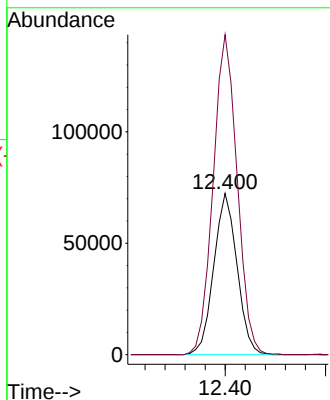
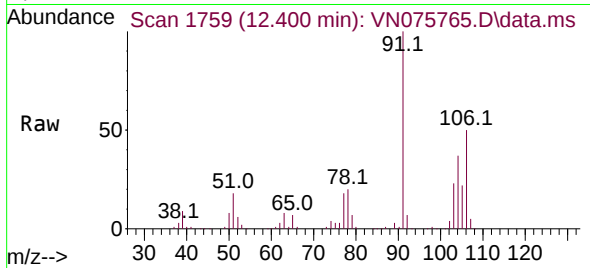
#69
o-Xylene
Concen: 20.701 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 116480
Ion Ratio Lower Upper
106 100
91 204.9 102.8 308.5

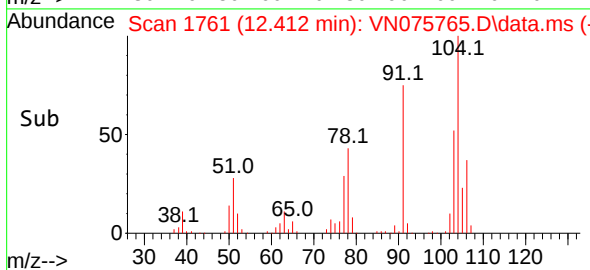
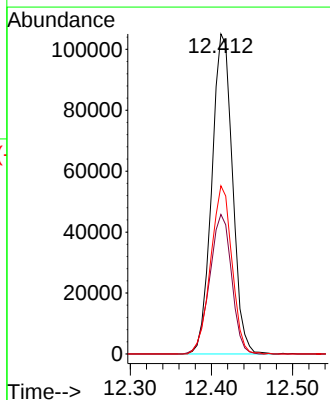
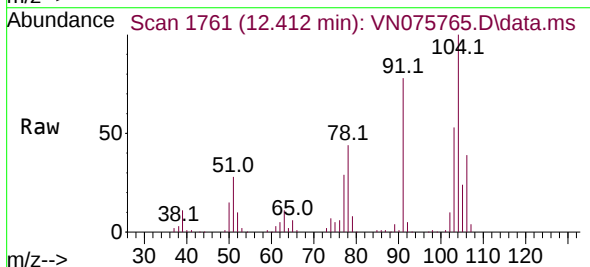
Manual Integrations
APPROVED

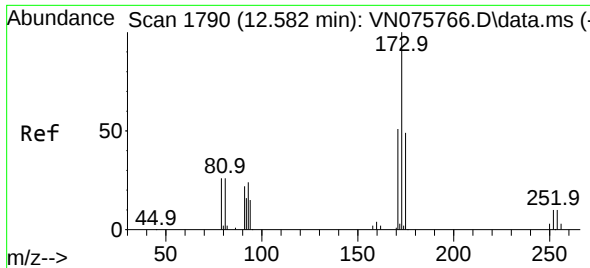
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 20.648 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:104 Resp: 186346
Ion Ratio Lower Upper
104 100
78 46.0 36.7 55.1
103 53.9 44.0 66.0





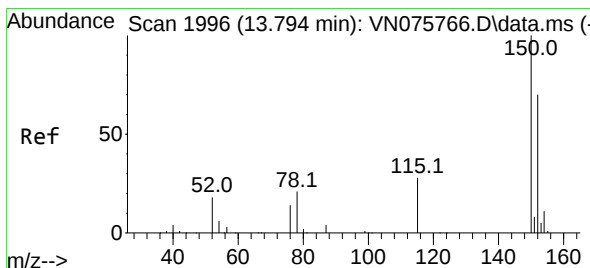
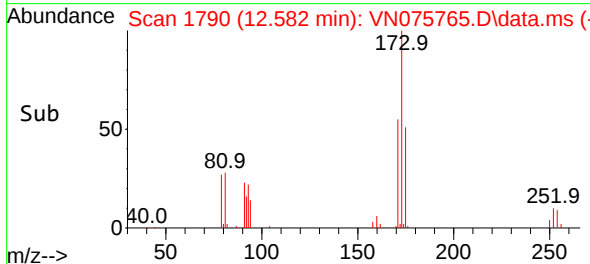
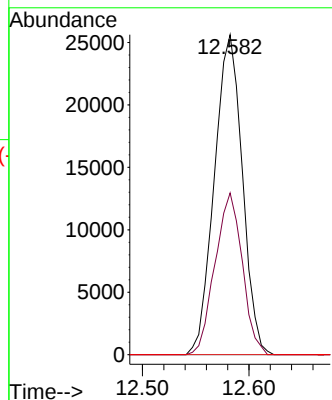
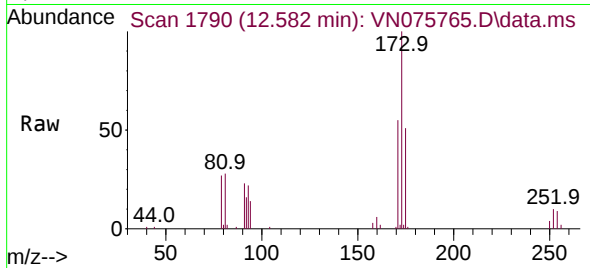
#71
Bromoform
Concen: 19.955 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 46684
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.2
254 0.0 0.0 0.0

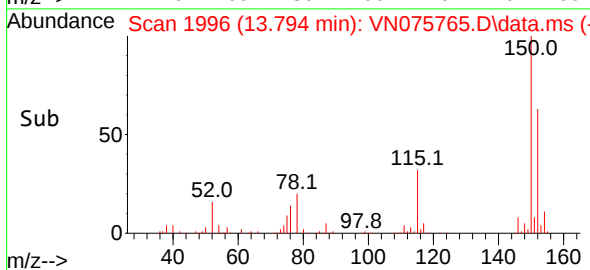
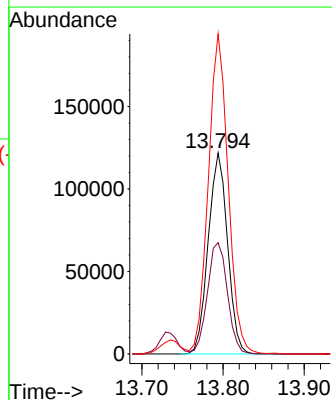
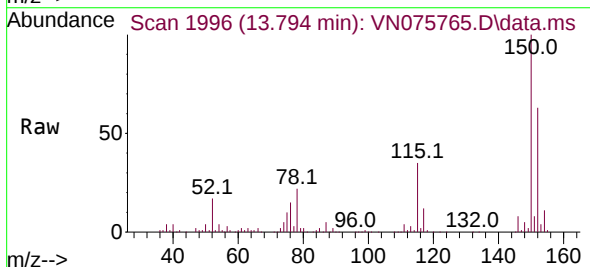
Manual Integrations
APPROVED

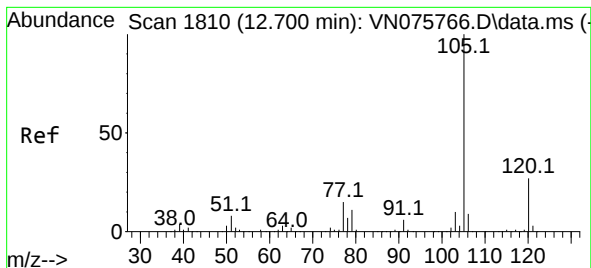
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:152 Resp: 201486
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 163.3 0.0 347.6





#73

Isopropylbenzene

Concen: 20.558 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 297410

Ion Ratio Lower Upper

105 100

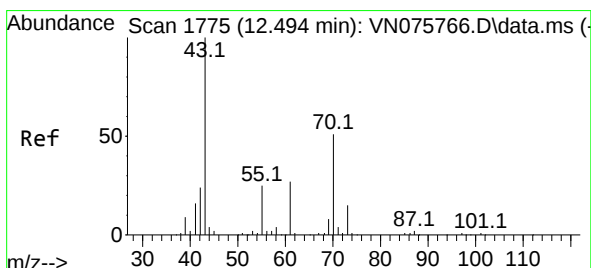
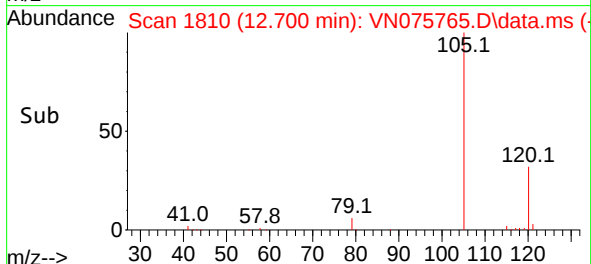
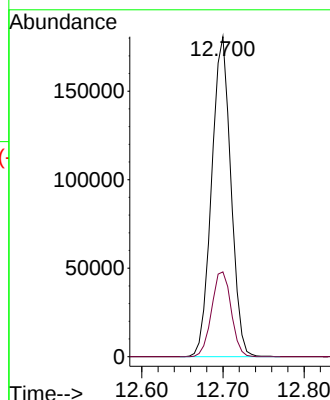
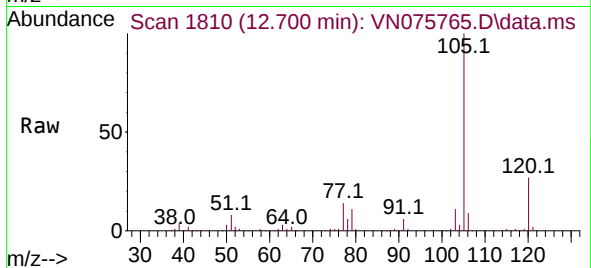
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#74

N-ethyl acetate

Concen: 20.596 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion: 43 Resp: 86574

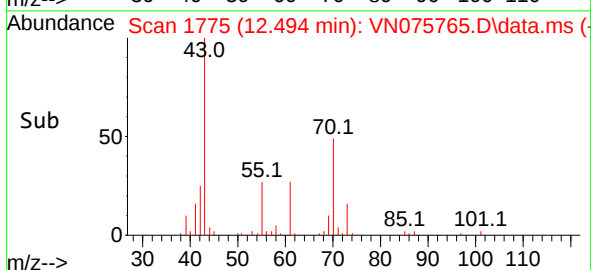
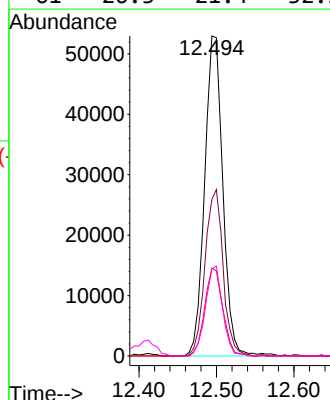
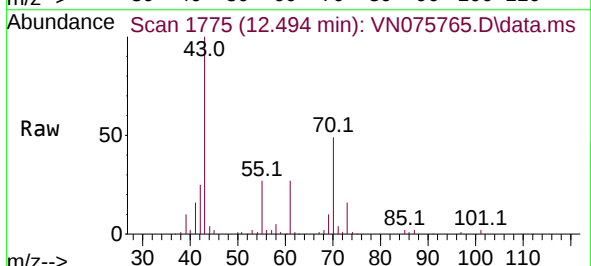
Ion Ratio Lower Upper

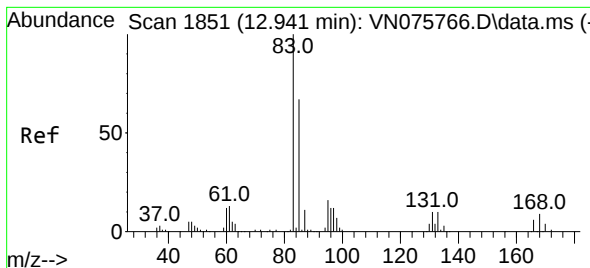
43 100

70 51.5 41.0 61.6

55 27.4 20.7 31.1

61 26.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.616 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

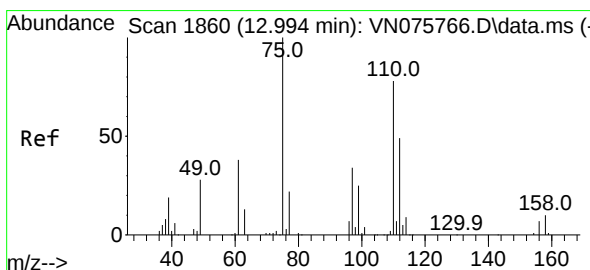
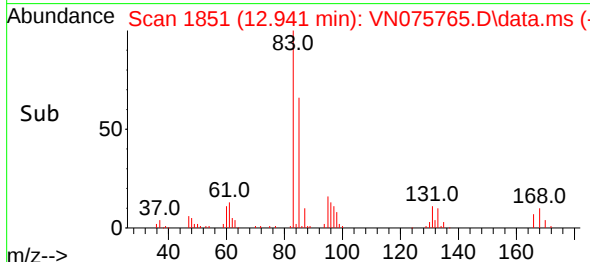
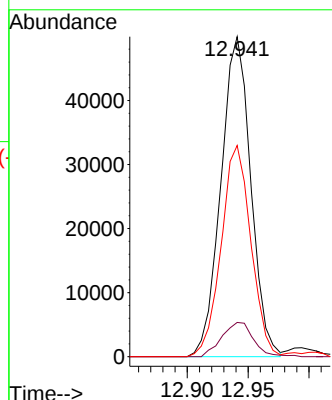
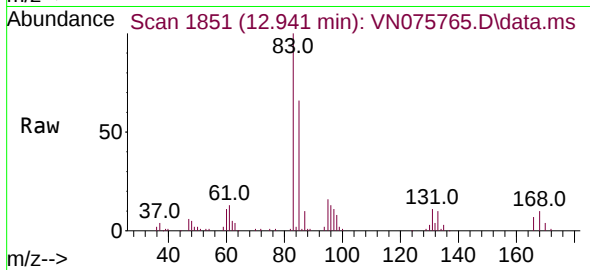
Tgt Ion:	83	Resp:	8524
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	65.7	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#76

1,2,3-Trichloropropane

Concen: 20.409 ug/l m

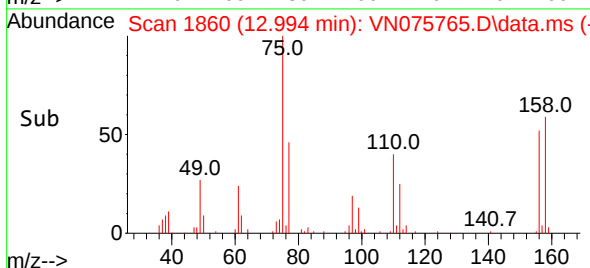
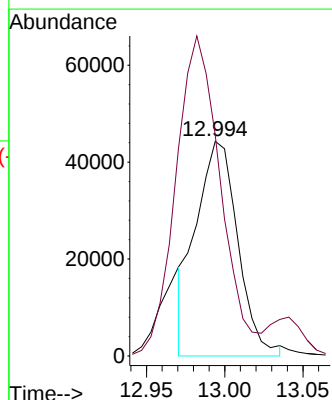
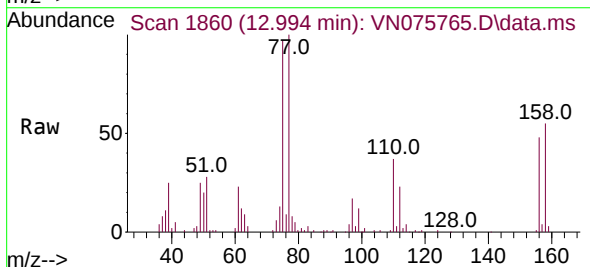
RT: 12.994 min Scan# 1860

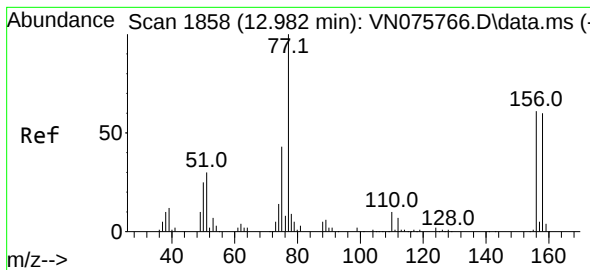
Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion:	75	Resp:	82582
Ion Ratio	Lower	Upper	
75	100		
77	159.4	81.8	245.4





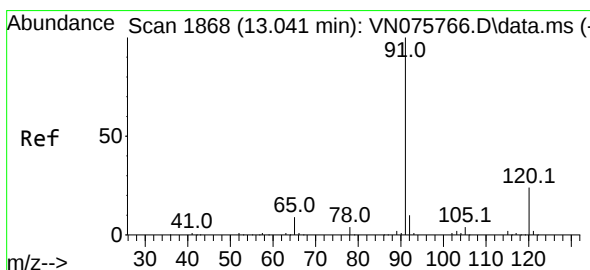
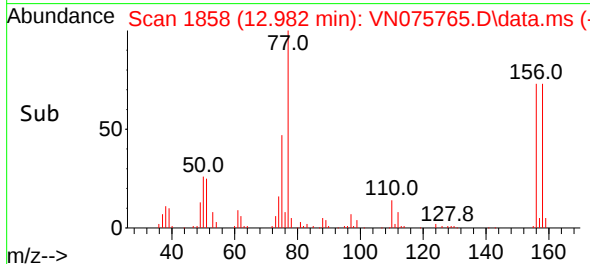
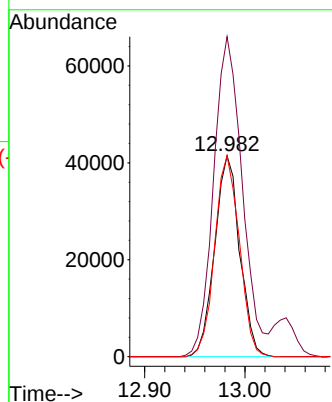
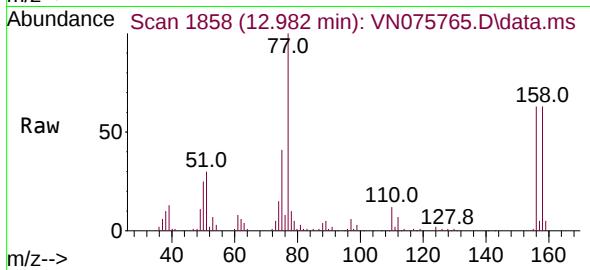
#77
Bromobenzene
Concen: 19.779 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 71958
Ion Ratio Lower Upper
156 100
77 183.0 90.8 272.5
158 98.5 49.3 147.8

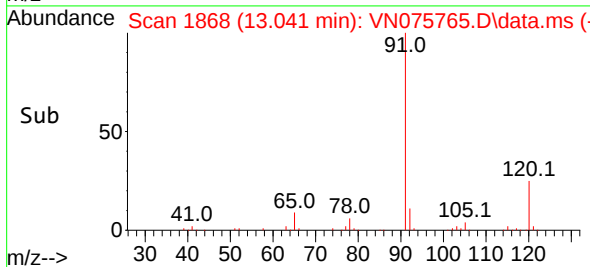
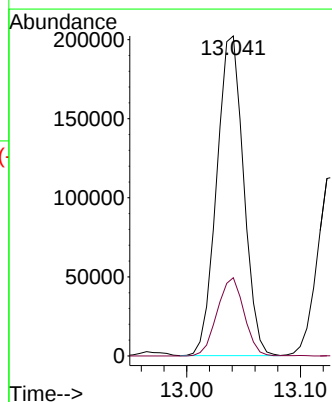
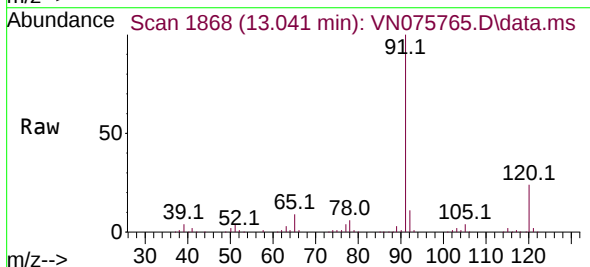
Manual Integrations
APPROVED

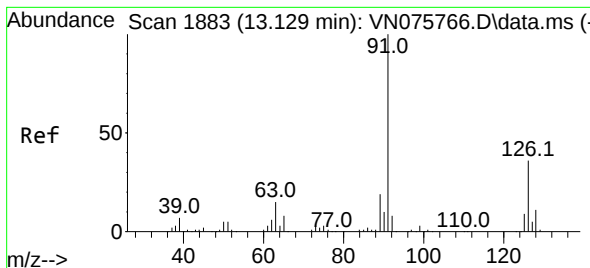
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 20.711 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 91 Resp: 332491
Ion Ratio Lower Upper
91 100
120 24.4 12.1 36.3





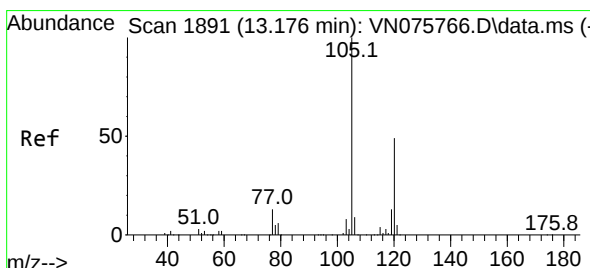
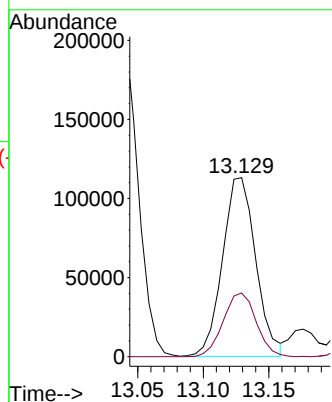
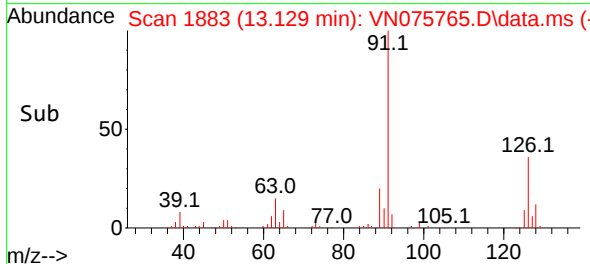
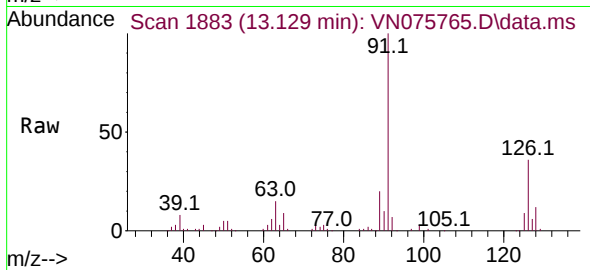
#79
2-Chlorotoluene
Concen: 20.099 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 199190
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.4

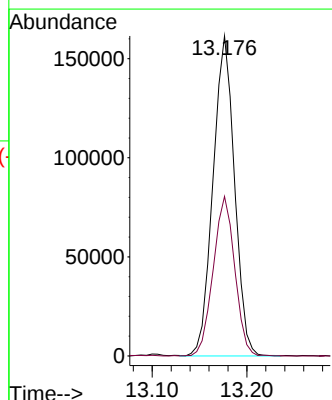
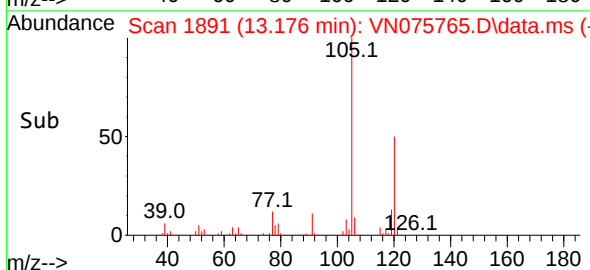
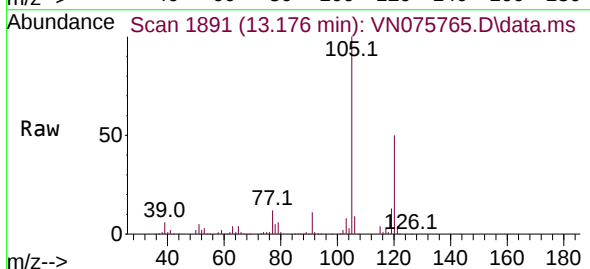
Manual Integrations
APPROVED

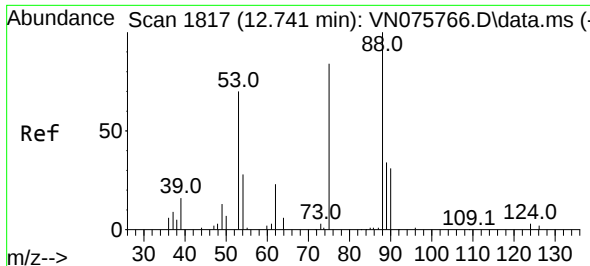
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.017 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:105 Resp: 254208
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





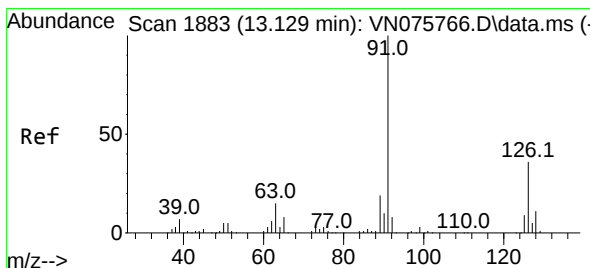
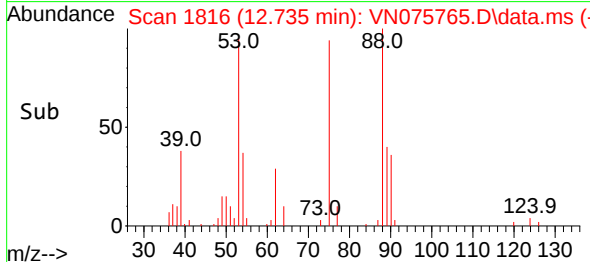
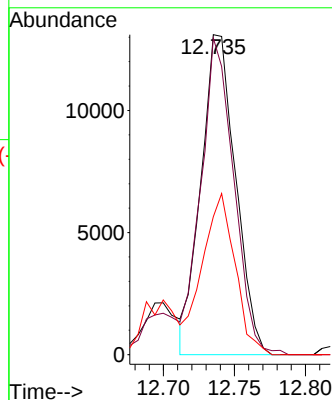
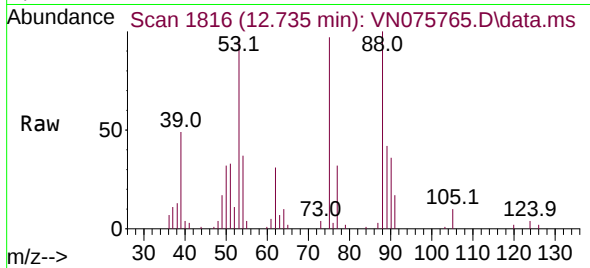
#81
trans-1,4-Dichloro-2-butene
Concen: 20.560 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 2222
Ion Ratio Lower Upper
75 100
53 93.9 72.4 108.6
89 48.0 36.6 55.0

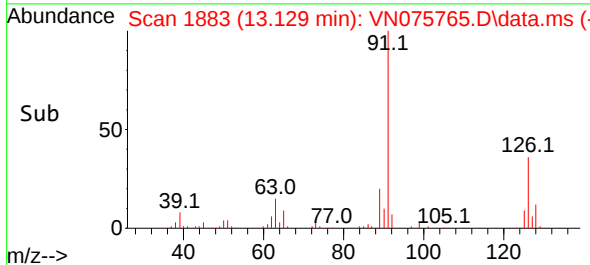
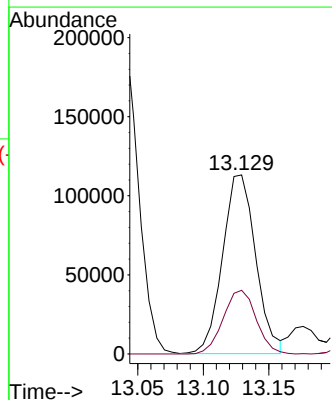
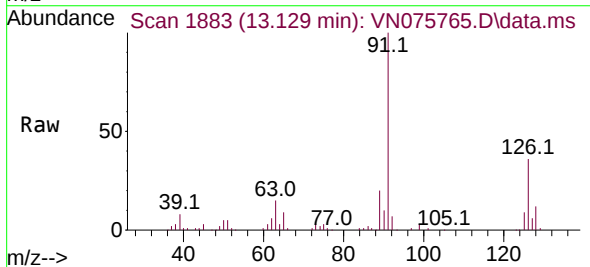
Manual Integrations
APPROVED

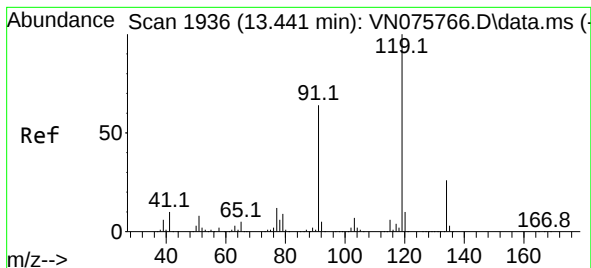
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 20.099 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 91 Resp: 199196
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.4





#83

tert-Butylbenzene

Concen: 20.354 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

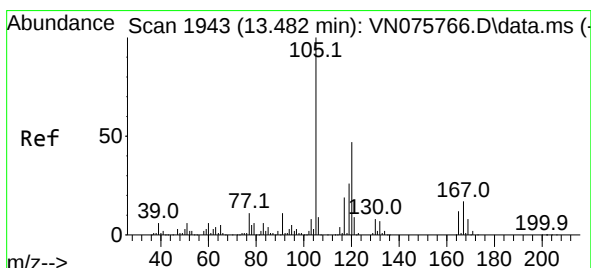
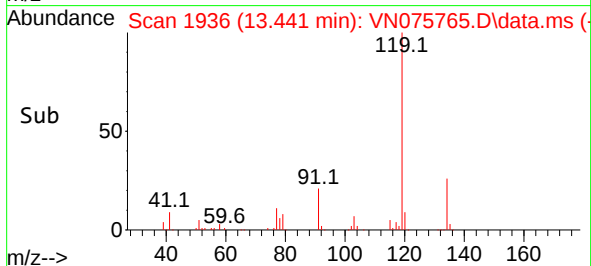
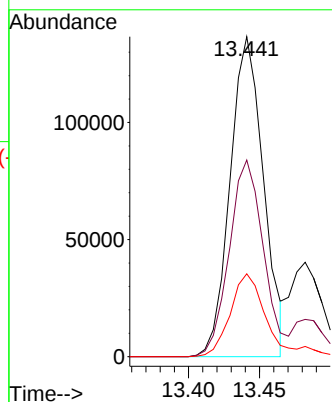
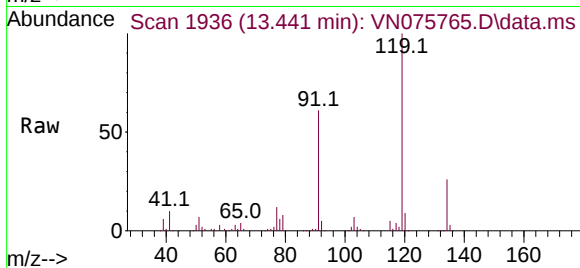
Tgt Ion:	119	Resp:	223250
Ion Ratio	Lower	Upper	
119	100		
91	63.5	31.9	95.9
134	28.5	13.9	41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#84

1,2,4-Trimethylbenzene

Concen: 20.981 ug/l

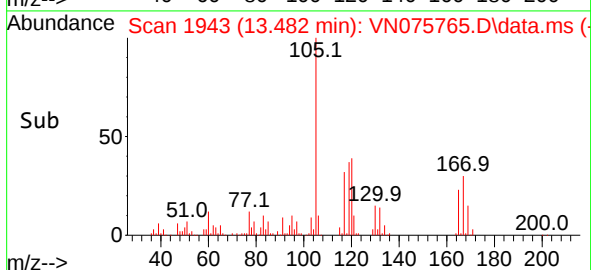
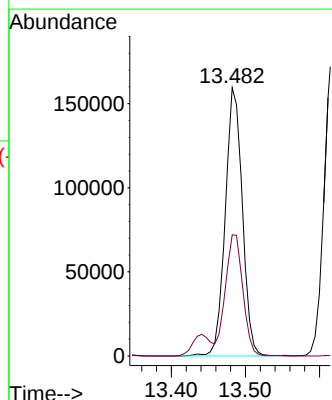
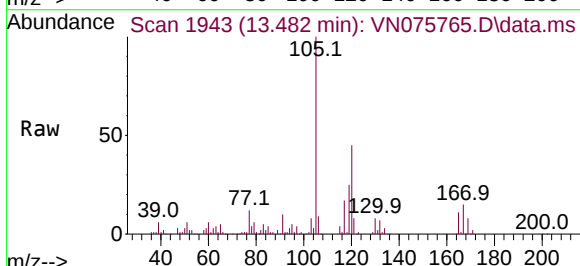
RT: 13.482 min Scan# 1943

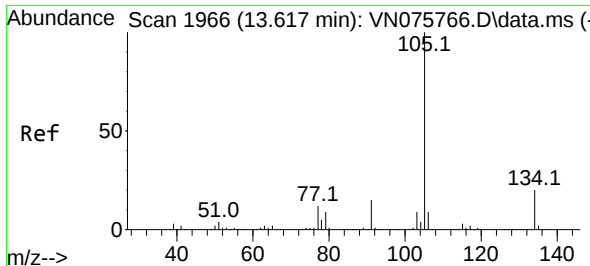
Delta R.T. -0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

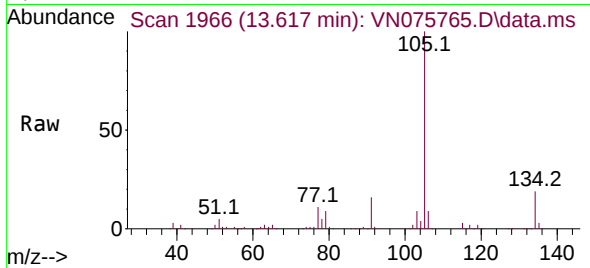
Tgt Ion:	105	Resp:	255051
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.2





#85
 sec-Butylbenzene
 Concen: 20.389 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

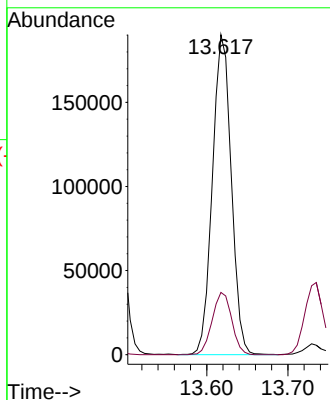
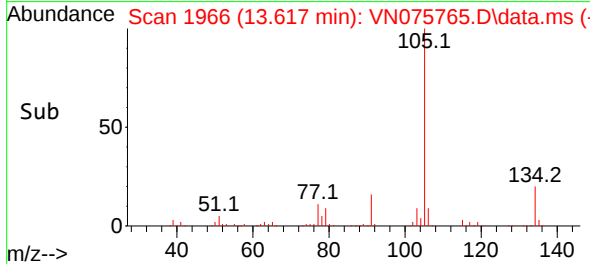
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



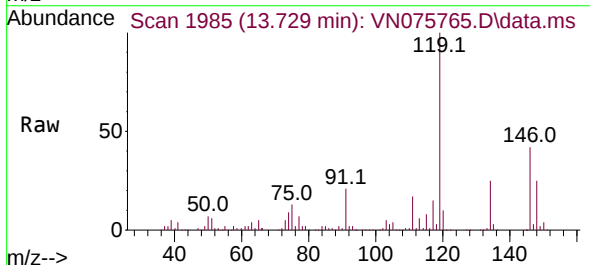
Tgt Ion:105 Resp: 30744
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

Manual Integrations
 APPROVED

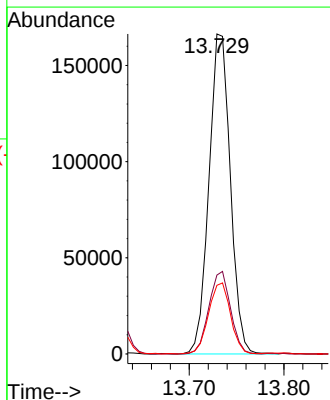
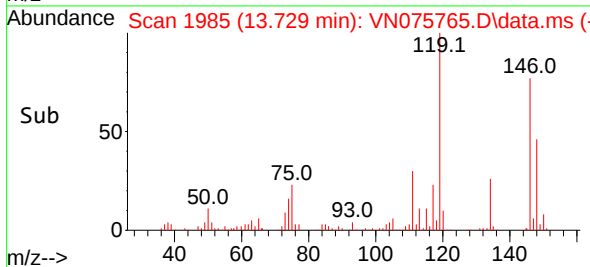
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

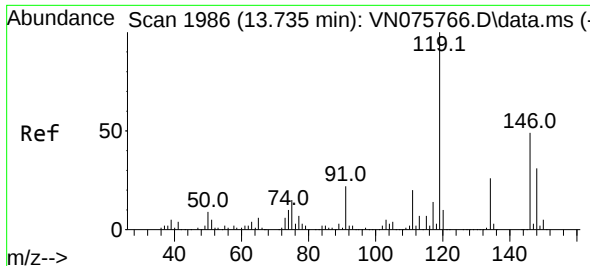


#86
 p-Isopropyltoluene
 Concen: 20.683 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44



Tgt Ion:119 Resp: 260955
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.757 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 134424

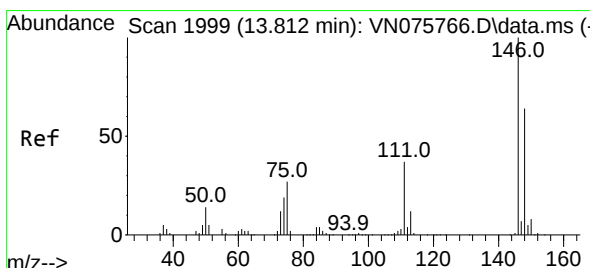
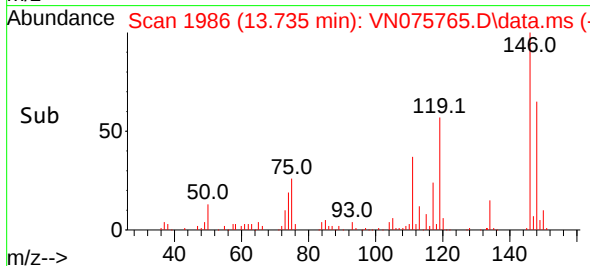
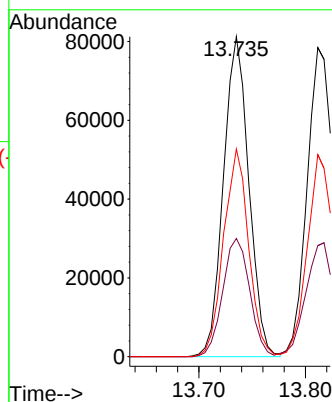
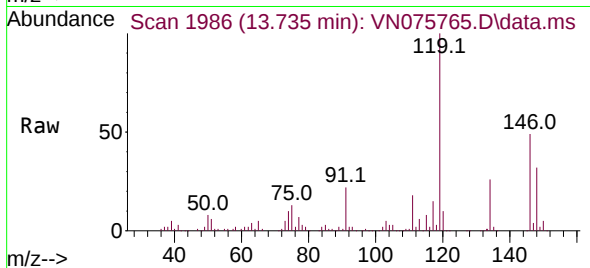
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 19.378 ug/l

RT: 13.812 min Scan# 1999

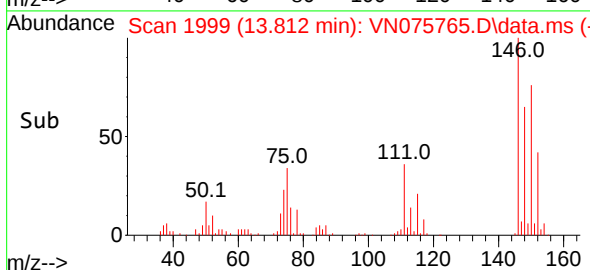
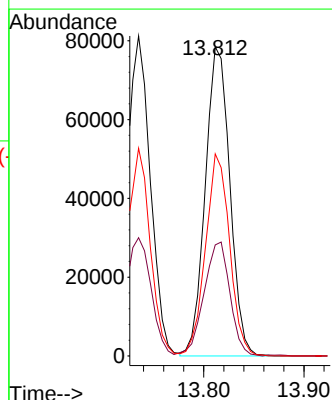
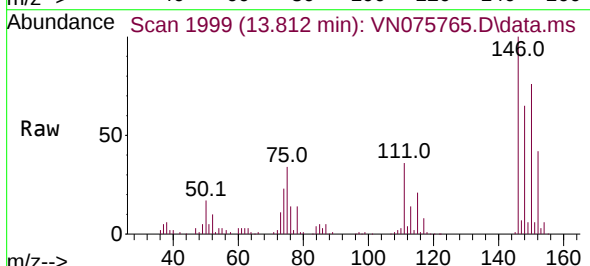
Delta R.T. -0.006 min

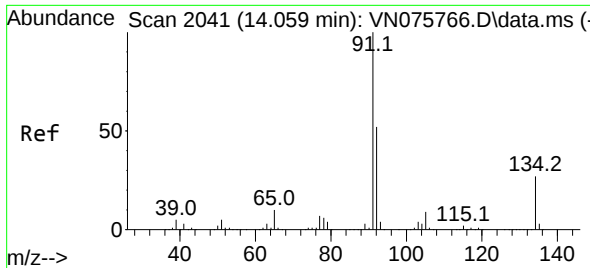
Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion:146 Resp: 134113

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	64.2	32.1	96.3





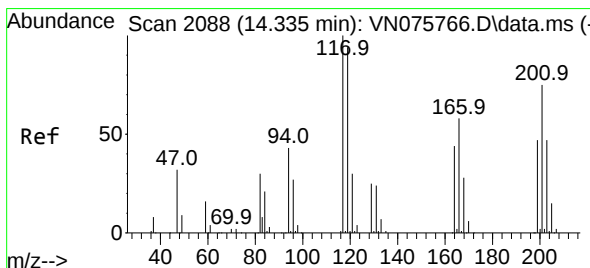
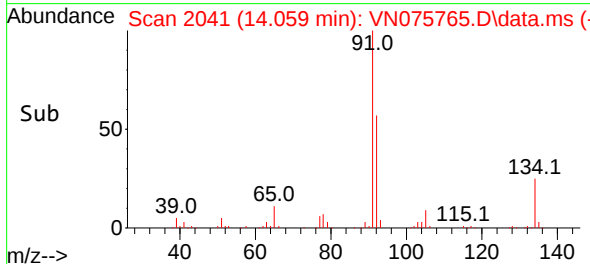
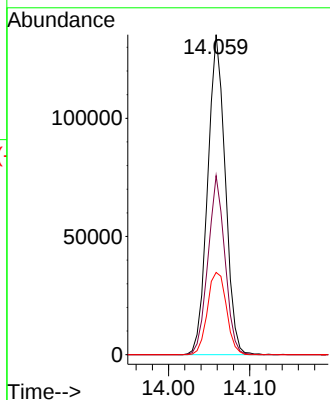
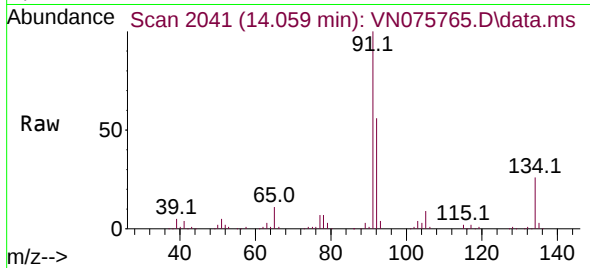
#89
n-Butylbenzene
Concen: 20.038 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 20263
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 27.9 13.9 41.7

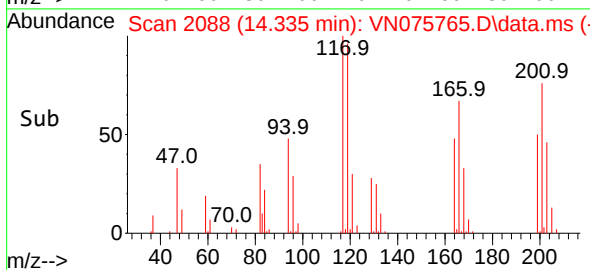
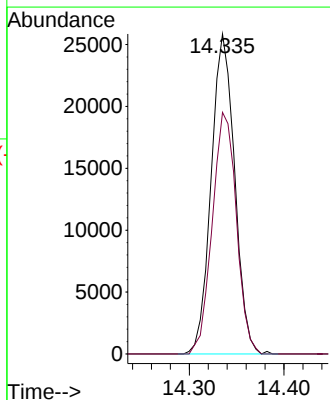
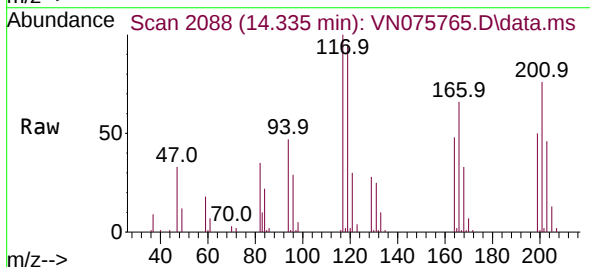
Manual Integrations
APPROVED

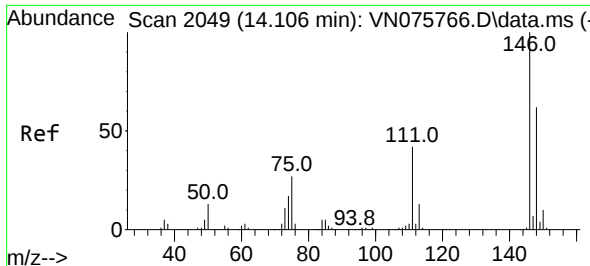
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 20.581 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:117 Resp: 44479
Ion Ratio Lower Upper
117 100
201 77.6 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 20.140 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 13635

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

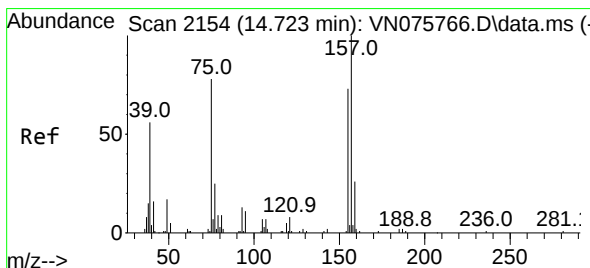
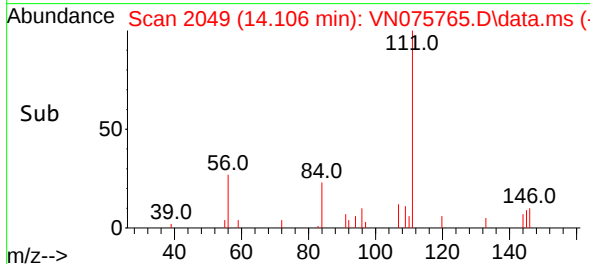
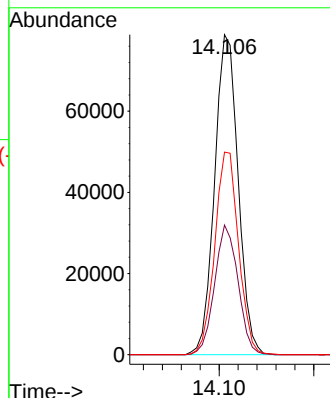
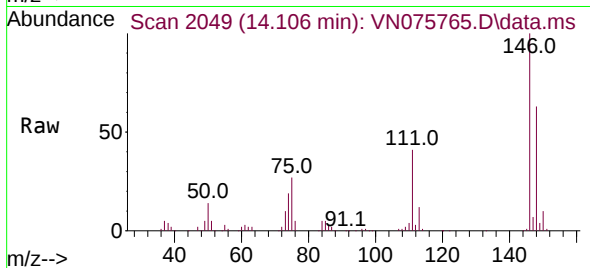
148 64.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.806 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

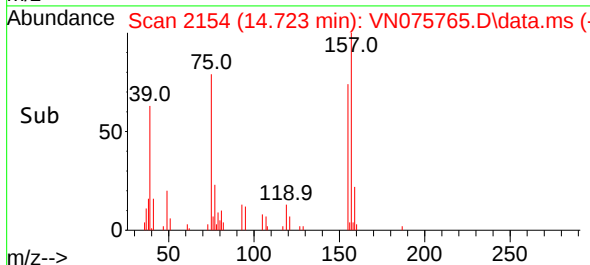
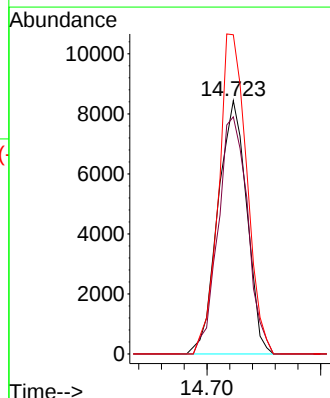
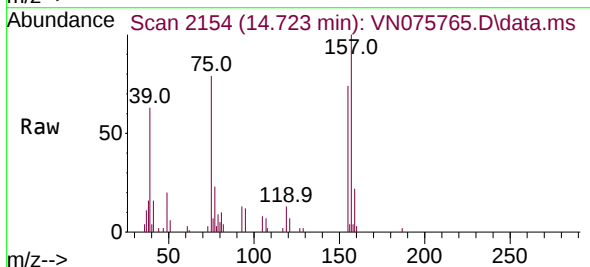
Tgt Ion: 75 Resp: 14858

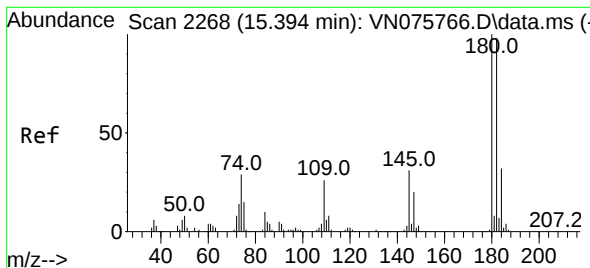
Ion Ratio Lower Upper

75 100

155 95.8 48.4 145.2

157 123.5 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 19.255 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

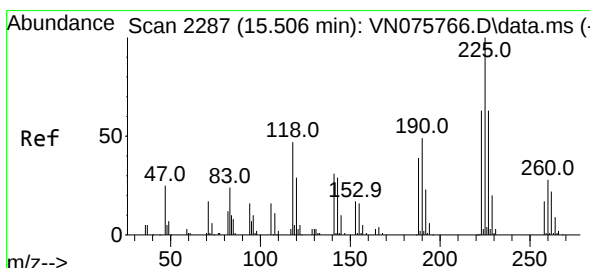
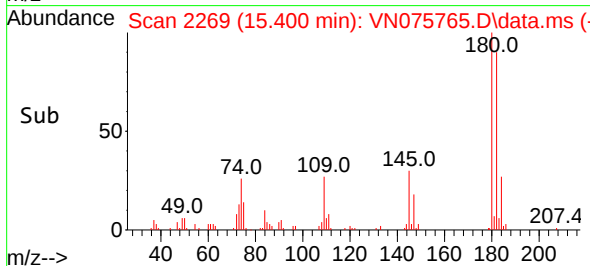
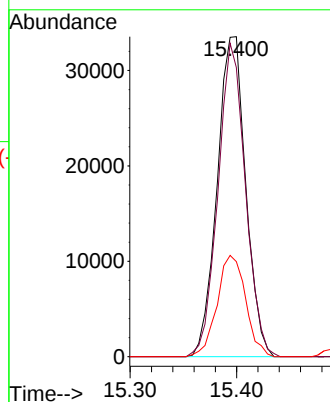
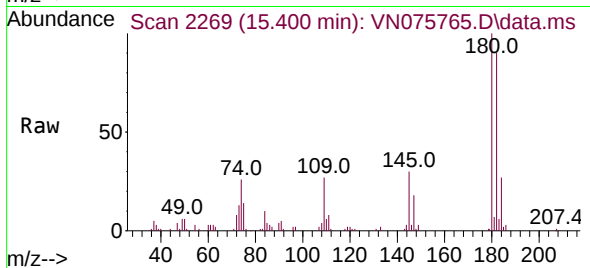
Tgt Ion:180	Resp:	62590
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.1 141.3
145	31.6	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 19.830 ug/l

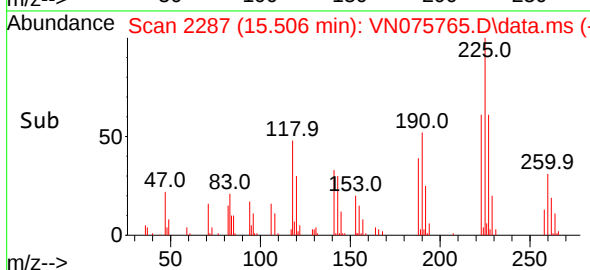
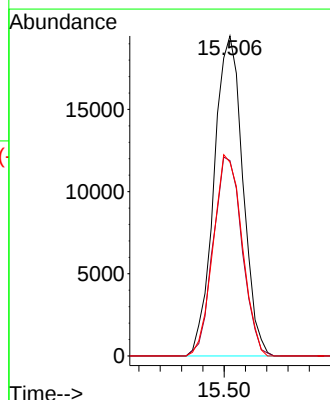
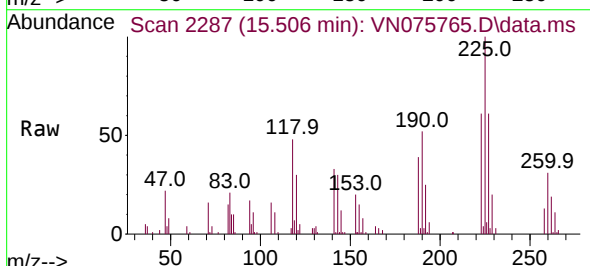
RT: 15.506 min Scan# 2287

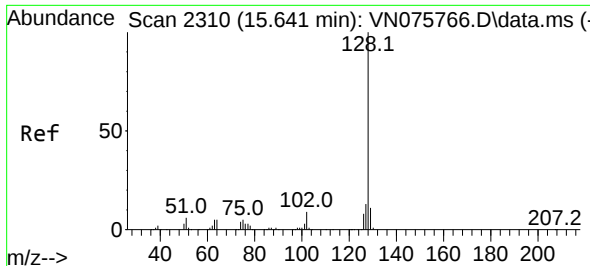
Delta R.T. 0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

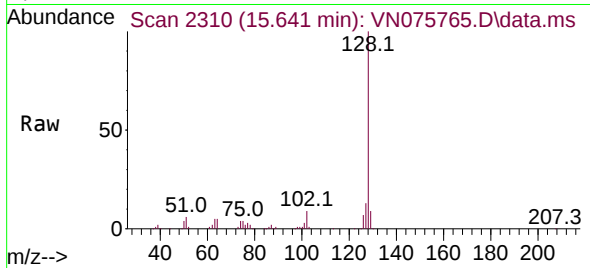
Tgt Ion:225	Resp:	36572
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.4 94.2
227	63.0	31.3 93.9





#95
Naphthalene
Concen: 19.712 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

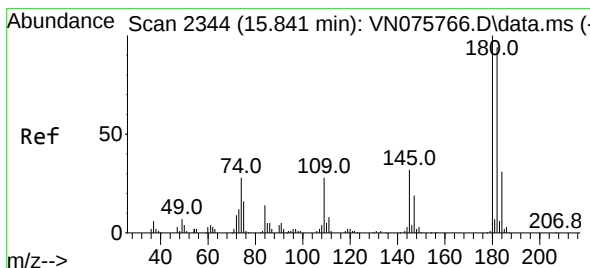
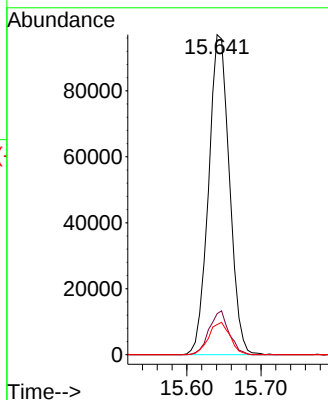
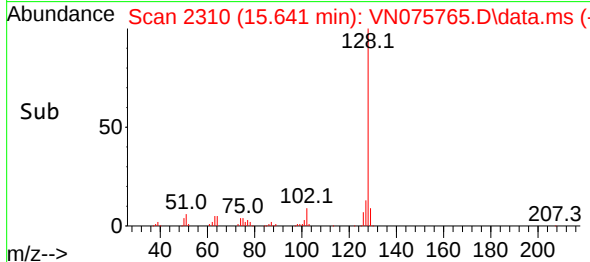
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



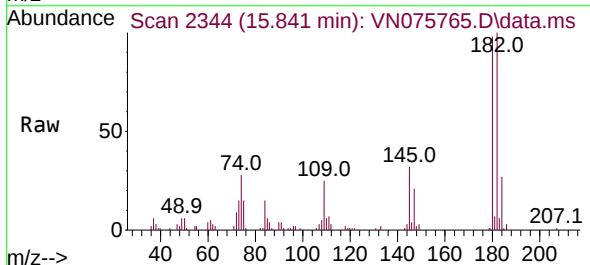
Tgt Ion:128 Resp: 189370
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.286 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44



Tgt Ion:180 Resp: 61599
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.4
145 32.3 15.6 46.8

