

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075678.D
 Acq On : 09 Dec 2022 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 03:12:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	229558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119879	49.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.440%		
35) Dibromofluoromethane	8.171	113	111028	50.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	10.571	98	424855	51.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.720%		
62) 4-Bromofluorobenzene	12.853	95	151370	53.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79057	46.824	ug/l	98
3) Chloromethane	2.371	50	91809	45.640	ug/l	99
4) Vinyl Chloride	2.524	62	119596	48.401	ug/l	97
5) Bromomethane	2.918	94	110892	52.693	ug/l	99
6) Chloroethane	3.106	64	85366	46.303	ug/l	99
7) Trichlorofluoromethane	3.501	101	174246	48.603	ug/l	99
8) Diethyl Ether	3.971	74	65196	49.743	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	102209	48.579	ug/l	99
10) Methyl Iodide	4.595	142	173016	50.322	ug/l	99
11) Tert butyl alcohol	5.542	59	89600	248.661	ug/l	100
12) 1,1-Dichloroethene	4.348	96	99387	50.538	ug/l	98
13) Acrolein	4.189	56	103784	250.085	ug/l	99
14) Allyl chloride	5.036	41	125717m	51.334	ug/l	
15) Acrylonitrile	5.730	53	233705	251.097	ug/l	100
16) Acetone	4.436	43	177231	214.864	ug/l	99
17) Carbon Disulfide	4.718	76	244869	47.057	ug/l	99
18) Methyl Acetate	5.036	43	120244	45.366	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	336797	50.912	ug/l	97
20) Methylene Chloride	5.283	84	111477	45.335	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	108906	49.555	ug/l	91
22) Diisopropyl ether	6.683	45	289378	51.933	ug/l	98
23) Vinyl Acetate	6.612	43	1111122m	261.507	ug/l	
24) 1,1-Dichloroethane	6.577	63	183750	50.097	ug/l	99
25) 2-Butanone	7.489	43	287718	238.608	ug/l	97
26) 2,2-Dichloropropane	7.494	77	154493	49.387	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	128687	48.233	ug/l	97
28) Bromochloromethane	7.818	49	68695	46.843	ug/l	98
29) Tetrahydrofuran	7.841	42	189633	255.148	ug/l	100
30) Chloroform	7.971	83	203929	50.196	ug/l	100
31) Cyclohexane	8.265	56	165028	45.762	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	190059	50.708	ug/l	100
36) 1,1-Dichloropropene	8.377	75	148021	50.604	ug/l	98
37) Ethyl Acetate	7.565	43	120735	51.409	ug/l	99
38) Carbon Tetrachloride	8.365	117	171161	50.708	ug/l	97
39) Methylcyclohexane	9.606	83	195854	52.803	ug/l	97
40) Benzene	8.612	78	461071	51.362	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	62886	52.221	ug/l	95
42) 1,2-Dichloroethane	8.677	62	149790	49.881	ug/l	99
43) Isopropyl Acetate	8.694	43	207083	52.818	ug/l	100
44) Trichloroethene	9.359	130	127382	50.299	ug/l	98
45) 1,2-Dichloropropane	9.624	63	108857	50.986	ug/l	99
46) Dibromomethane	9.712	93	83922	52.356	ug/l	98
47) Bromodichloromethane	9.894	83	164475	52.333	ug/l	94
48) Methyl methacrylate	9.682	41	94800	52.499	ug/l	98
49) 1,4-Dioxane	9.694	88	47681	1086.254	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	625202	258.605	ug/l	100
52) Toluene	10.629	92	311409	52.484	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	172275	55.502	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	186612	54.038	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	118856	50.947	ug/l	92
56) Ethyl methacrylate	10.877	69	170667	53.989	ug/l	98
57) 1,3-Dichloropropane	11.165	76	196967	52.235	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	262411	281.151	ug/l	100
59) 2-Hexanone	11.200	43	460886	262.400	ug/l	100
60) Dibromochloromethane	11.359	129	135370	52.732	ug/l	99
61) 1,2-Dibromoethane	11.471	107	124968	51.128	ug/l	100
64) Tetrachloroethene	11.106	164	110264	45.311	ug/l	98
65) Chlorobenzene	11.894	112	340312	49.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	127395	50.939	ug/l	100
67) Ethyl Benzene	11.965	91	603064	51.860	ug/l	98
68) m/p-Xylenes	12.071	106	486157	103.467	ug/l	100
69) o-Xylene	12.400	106	238513	52.311	ug/l	98
70) Styrene	12.412	104	396076	54.162	ug/l	99
71) Bromoform	12.582	173	102279	53.954	ug/l #	100
73) Isopropylbenzene	12.700	105	627729	49.860	ug/l	100
74) N-amyl acetate	12.494	43	192401	52.597	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	174851	46.234	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	168393m	47.822	ug/l	
77) Bromobenzene	12.982	156	152989	48.321	ug/l	100
78) n-propylbenzene	13.041	91	712090	50.972	ug/l	100
79) 2-Chlorotoluene	13.129	91	415607	48.187	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	537551	51.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49671	46.176	ug/l	94
82) 4-Chlorotoluene	13.129	91	415607	48.187	ug/l	98
83) tert-Butylbenzene	13.441	119	478411	50.121	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	544500	51.470	ug/l	99
85) sec-Butylbenzene	13.618	105	674528	51.403	ug/l	98
86) p-Isopropyltoluene	13.729	119	582825	53.082	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	292853	49.460	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	291973	48.479	ug/l	99
89) n-Butylbenzene	14.059	91	471755	53.608	ug/l	100
90) Hexachloroethane	14.335	117	98407	52.325	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	284715	48.324	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31131	50.094	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	152978	54.081	ug/l	99
94) Hexachlorobutadiene	15.506	225	80916	50.417	ug/l	99
95) Naphthalene	15.647	128	436876	52.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	148113	53.288	ug/l	99

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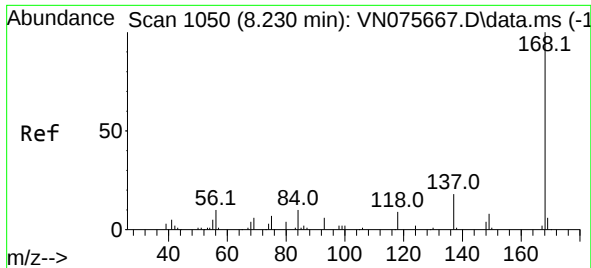
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APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

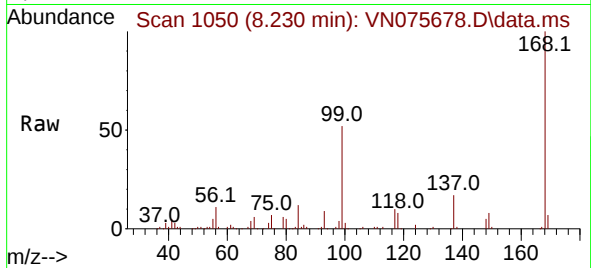
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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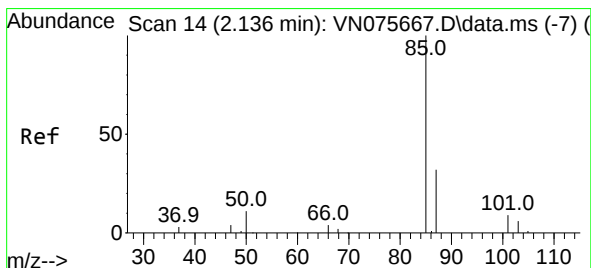
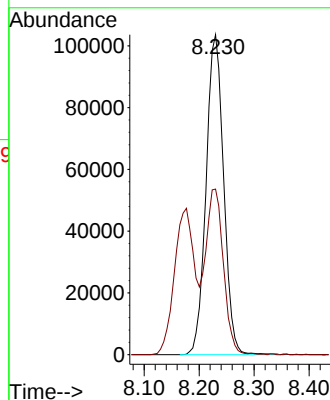
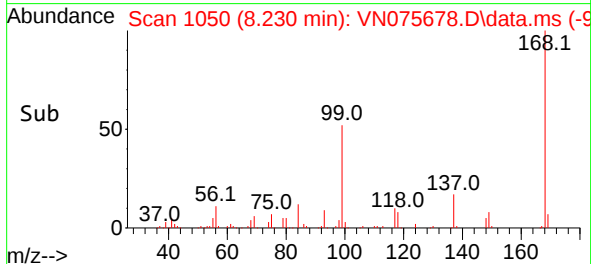
Instrument :
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Tgt Ion:168 Resp: 229558
Ion Ratio Lower Upper
168 100
99 51.8 41.2 61.8

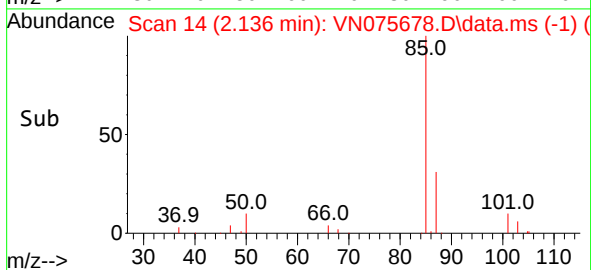
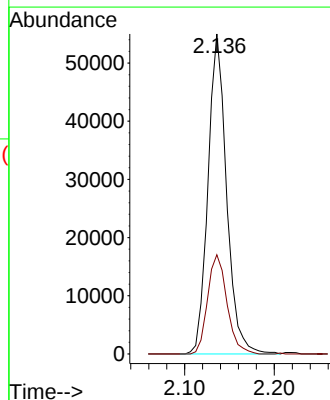
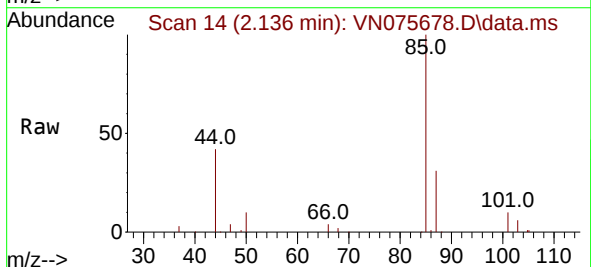
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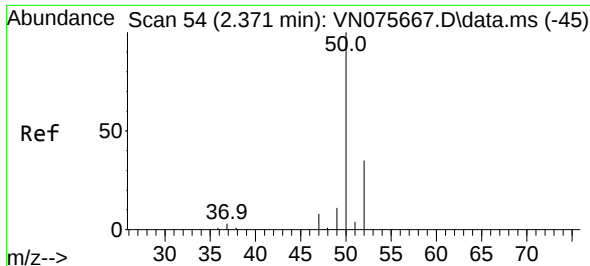
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#2
Dichlorodifluoromethane
Concen: 46.824 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

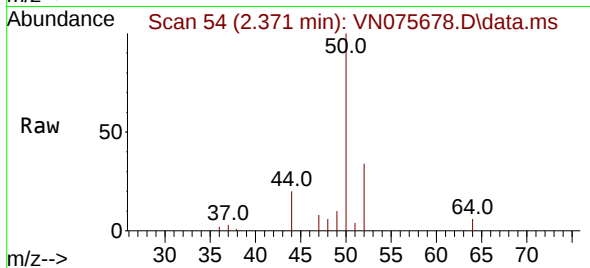
Tgt Ion: 85 Resp: 79057
Ion Ratio Lower Upper
85 100
87 31.0 16.1 48.2





#3
Chloromethane
Concen: 45.640 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

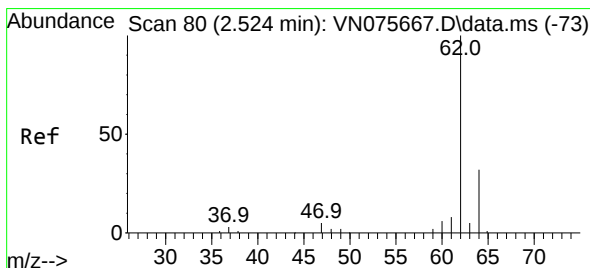
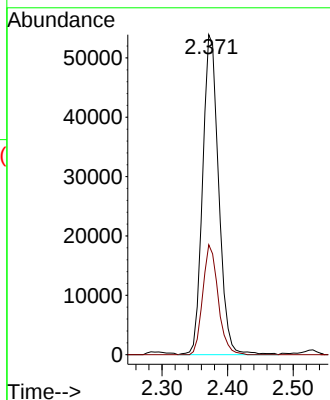
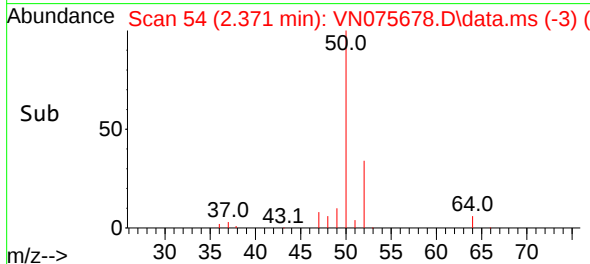
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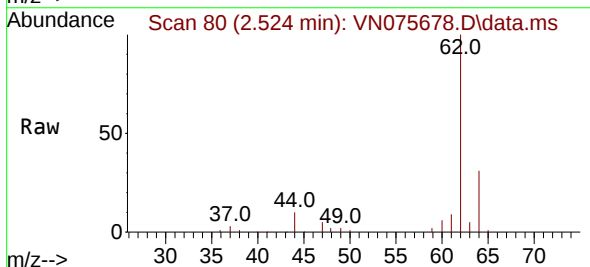
Tgt Ion: 50 Resp: 91809
Ion Ratio Lower Upper
50 100
52 34.3 27.9 41.9

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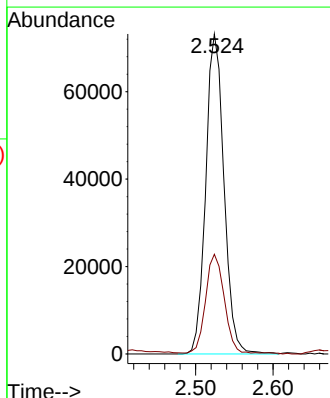
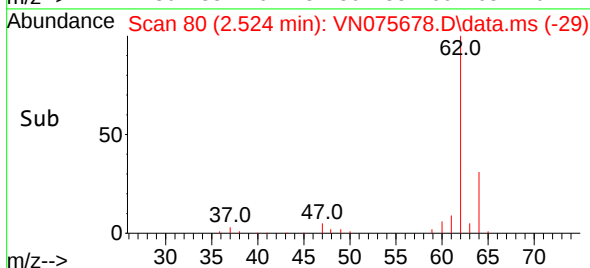
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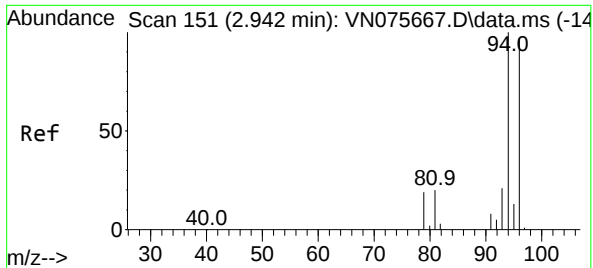


#4
Vinyl Chloride
Concen: 48.401 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion: 62 Resp: 119596
Ion Ratio Lower Upper
62 100
64 30.9 25.9 38.9





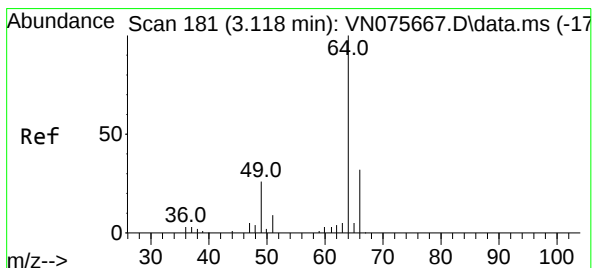
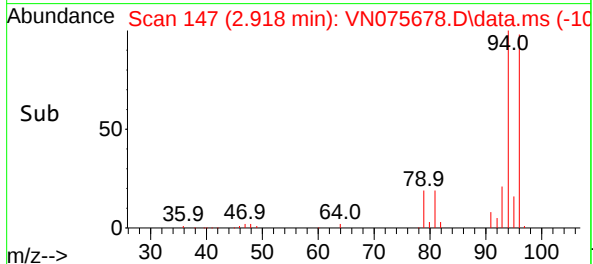
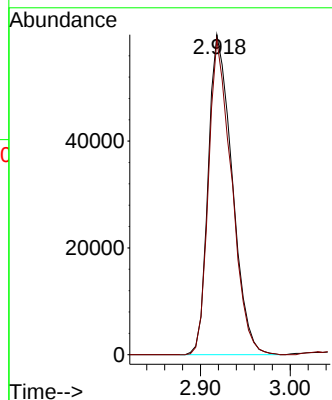
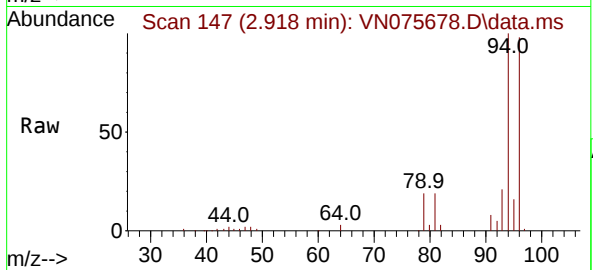
#5
Bromomethane
Concen: 52.693 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.023 min
Lab File: VN075678.D
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Tgt Ion: 94 Resp: 110892
Ion Ratio Lower Upper
94 100
96 98.4 77.6 116.4

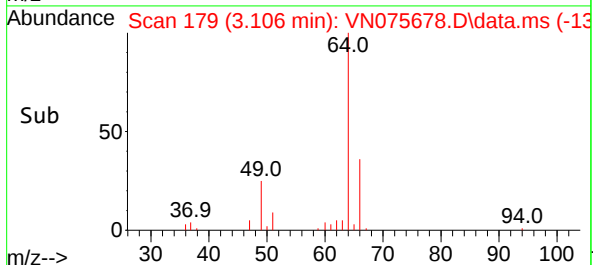
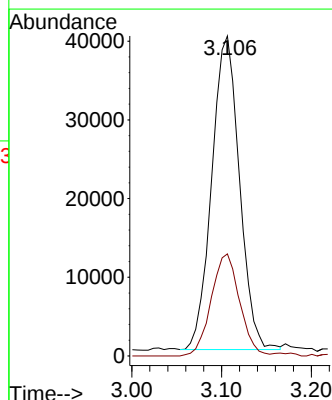
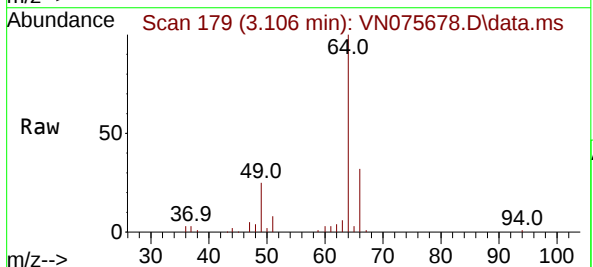
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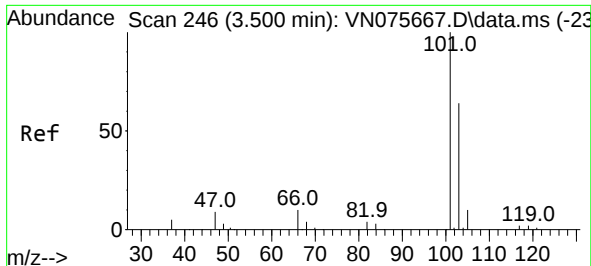
Reviewed By :John Carlone 12/12/2022
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#6
Chloroethane
Concen: 46.303 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.012 min
Lab File: VN075678.D
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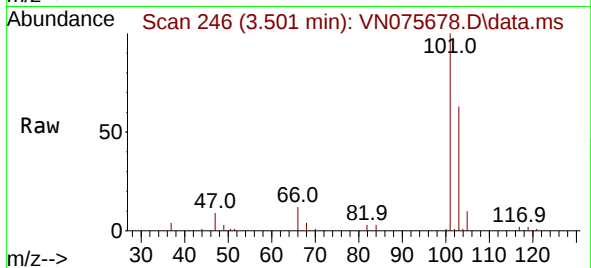
Tgt Ion: 64 Resp: 85366
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 48.603 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075678.D
 Acq: 09 Dec 2022 19:43

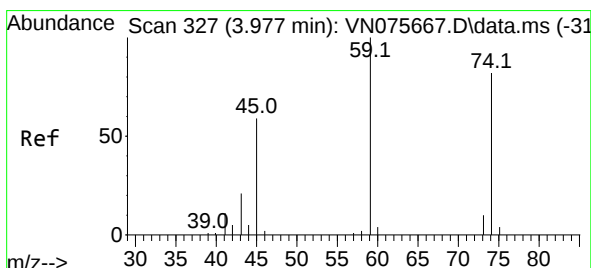
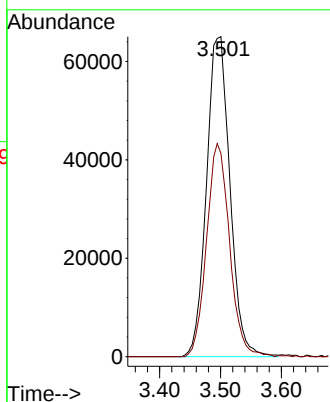
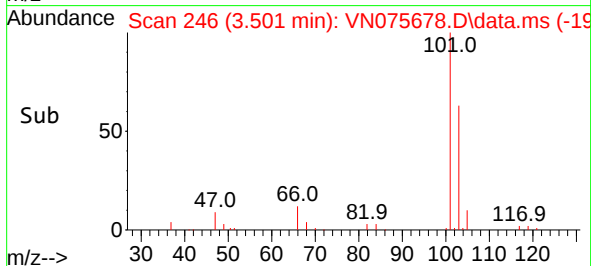
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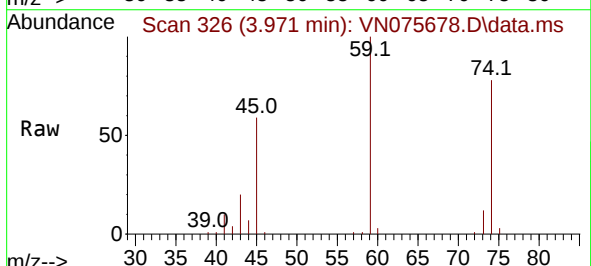
Tgt Ion:101 Resp: 174240
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

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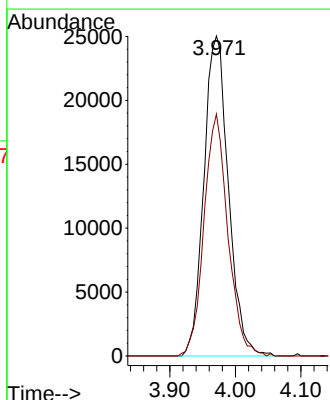
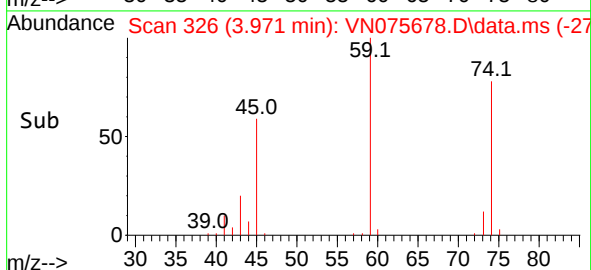
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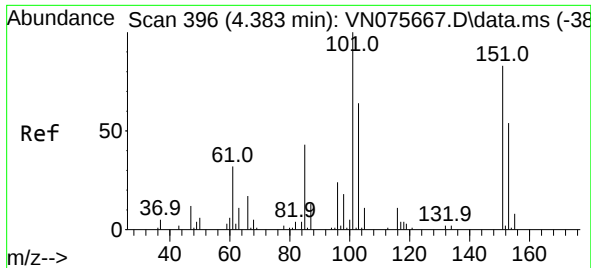


#8
 Diethyl Ether
 Concen: 49.743 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 65196
 Ion Ratio Lower Upper
 74 100
 45 73.5 36.8 110.4





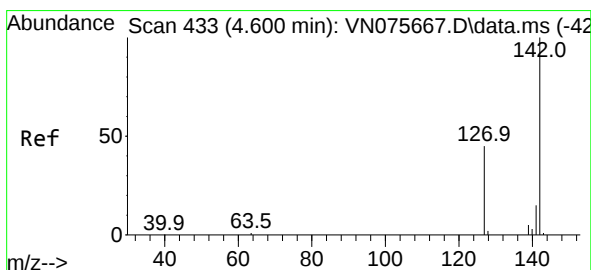
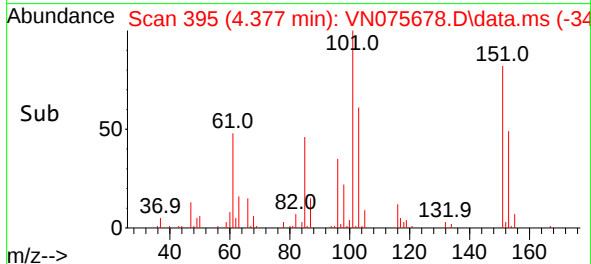
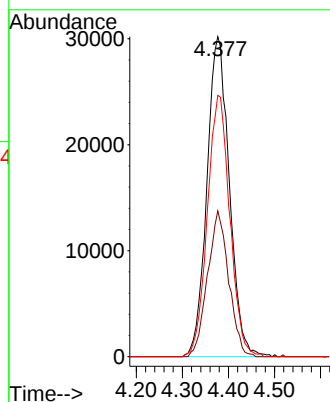
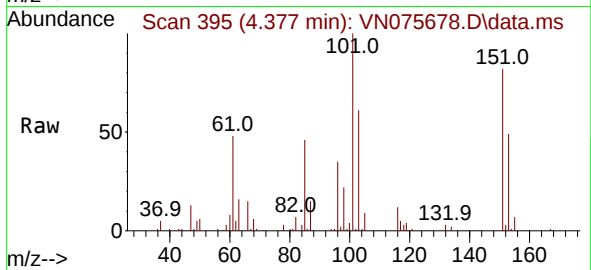
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.579 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 102209
Ion Ratio Lower Upper
101 100
85 43.0 35.3 52.9
151 81.8 65.6 98.4

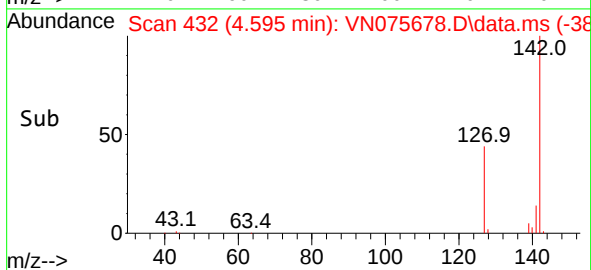
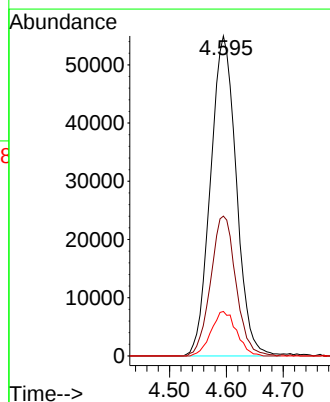
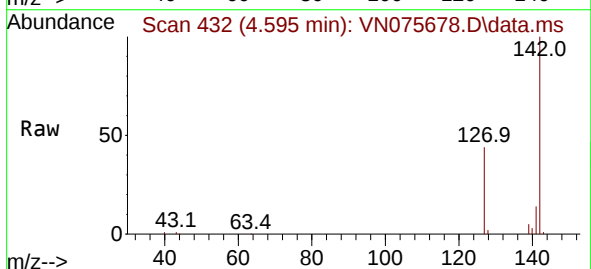
Manual Integrations
APPROVED

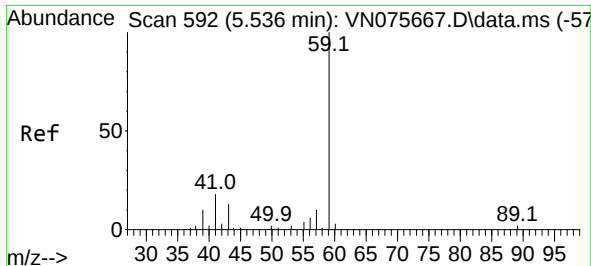
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 50.322 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion:142 Resp: 173016
Ion Ratio Lower Upper
142 100
127 42.9 35.0 52.4
141 13.7 11.4 17.2





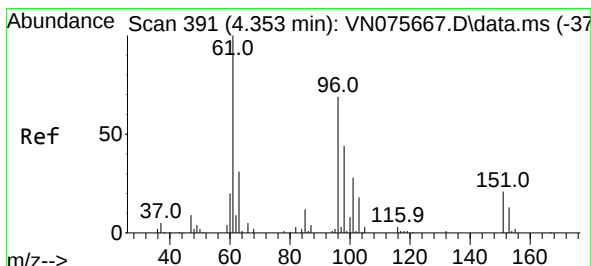
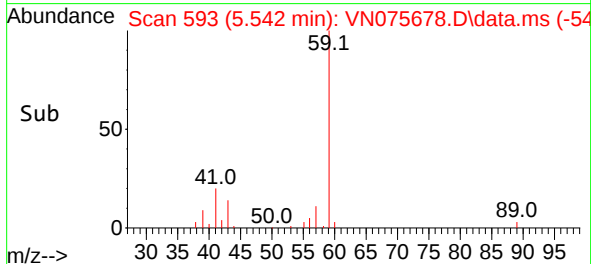
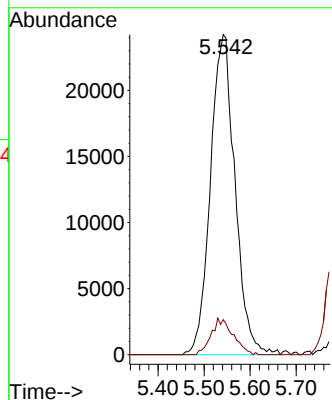
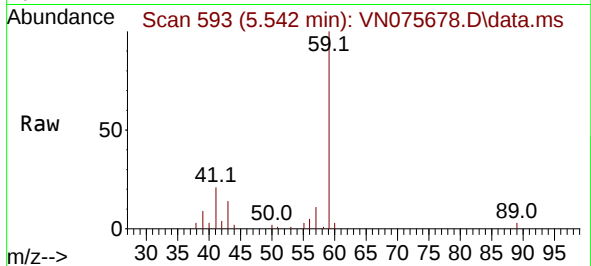
#11
Tert butyl alcohol
Concen: 248.661 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 89600
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

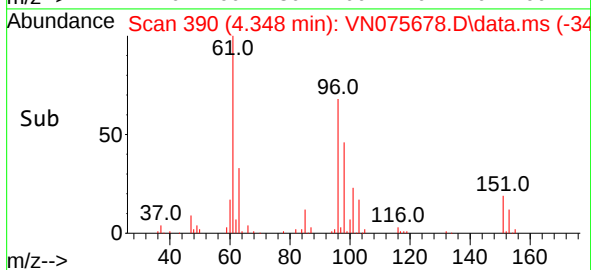
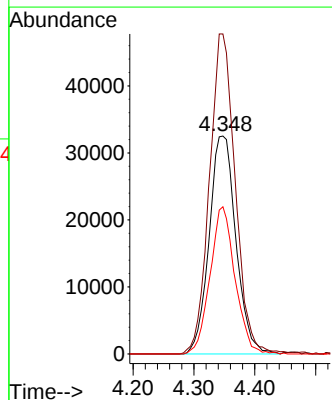
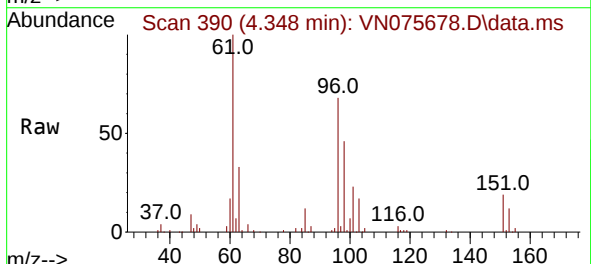
Manual Integrations
APPROVED

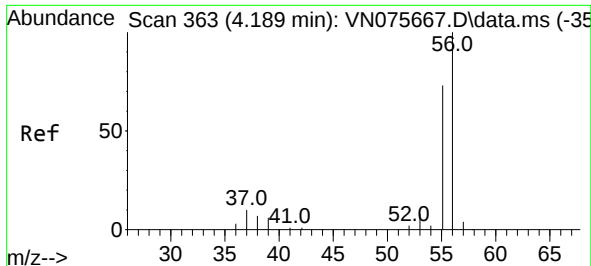
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#12
1,1-Dichloroethene
Concen: 50.538 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

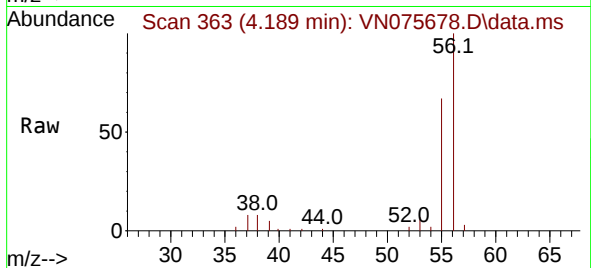
Tgt Ion: 96 Resp: 99387
Ion Ratio Lower Upper
96 100
61 146.8 116.8 175.2
98 67.5 51.6 77.4





#13
Acrolein
Concen: 250.085 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

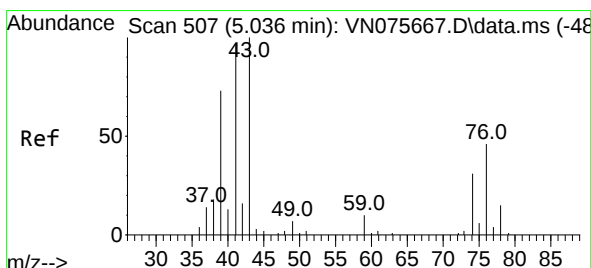
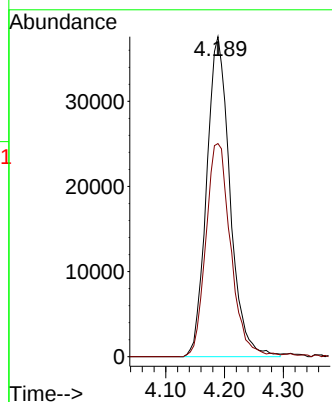
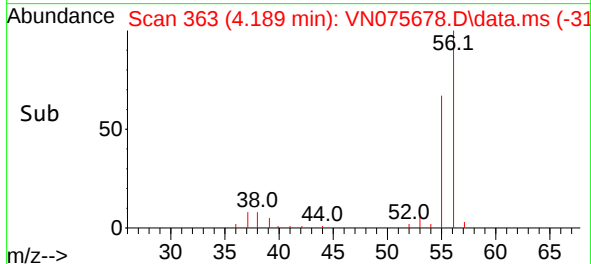
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



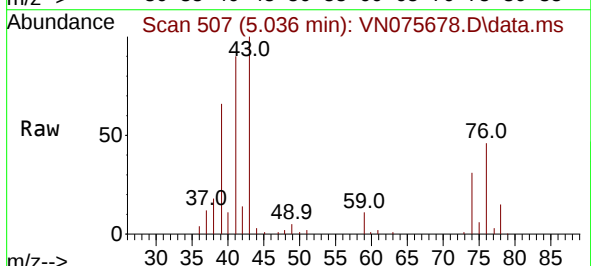
Tgt Ion: 56 Resp: 103784
Ion Ratio Lower Upper
56 100
55 70.7 55.7 83.5

Manual Integrations
APPROVED

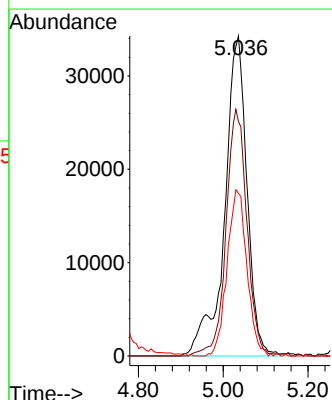
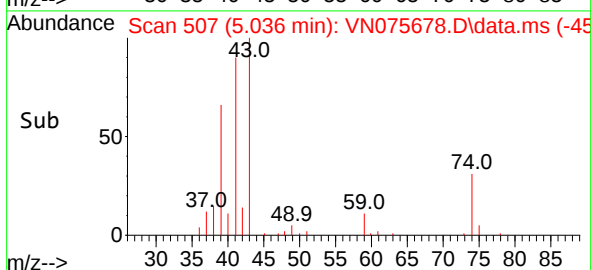
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

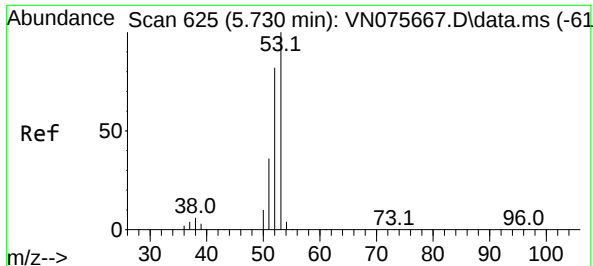


#14
Allyl chloride
Concen: 51.334 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



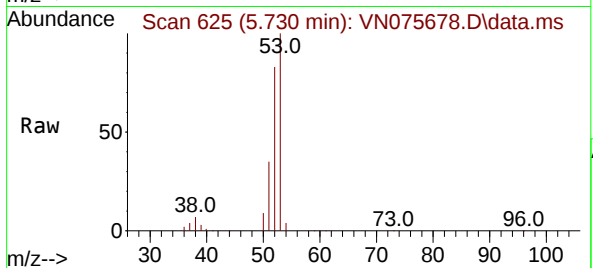
Tgt Ion: 41 Resp: 125717
Ion Ratio Lower Upper
41 100
39 71.8 64.6 96.8
76 45.9 40.9 61.3





#15
Acrylonitrile
Concen: 251.097 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

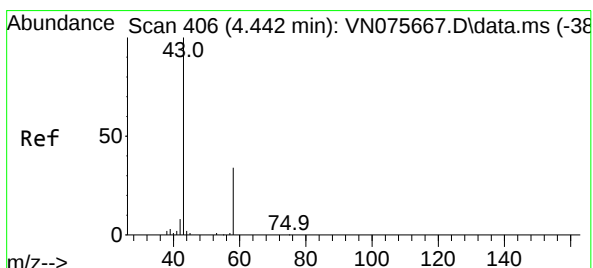
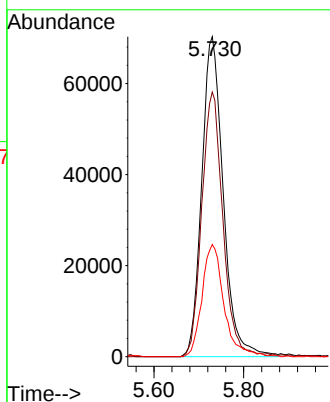
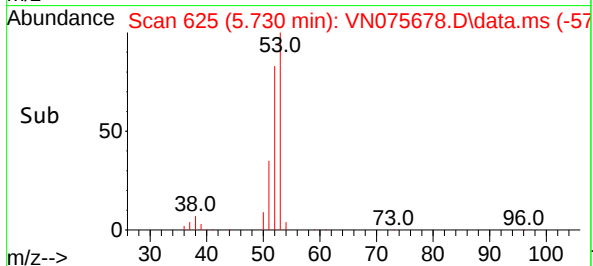
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



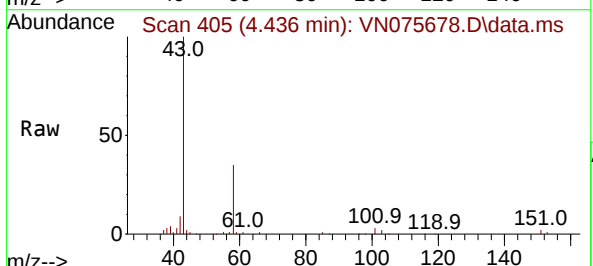
Tgt Ion: 53 Resp: 23370
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 35.8 28.9 43.3

Manual Integrations
APPROVED

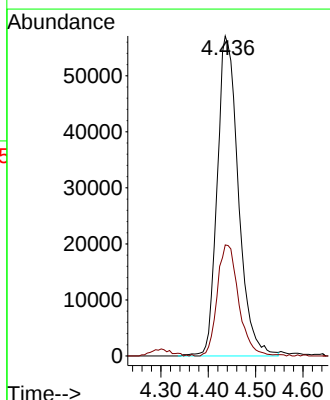
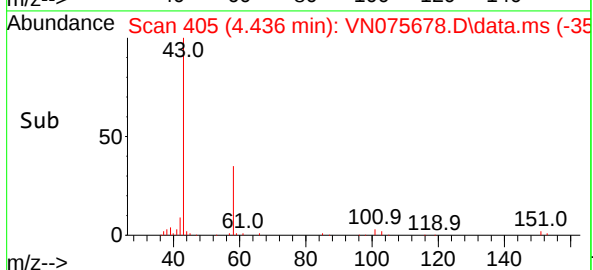
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

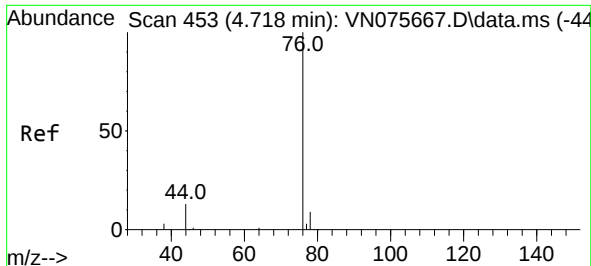


#16
Acetone
Concen: 214.864 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



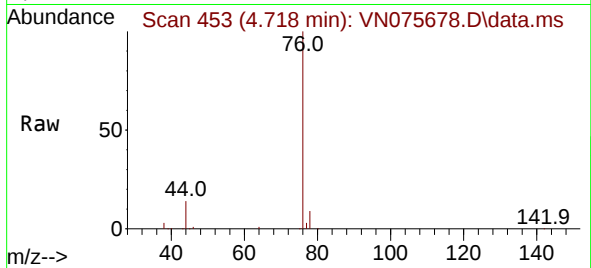
Tgt Ion: 43 Resp: 177231
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.4





#17
Carbon Disulfide
Concen: 47.057 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

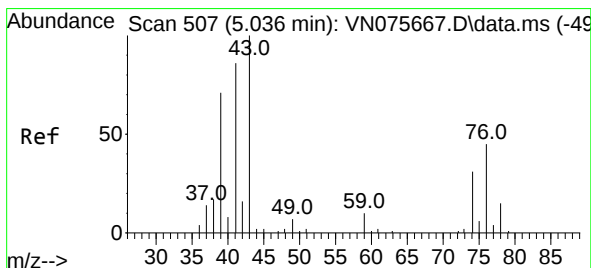
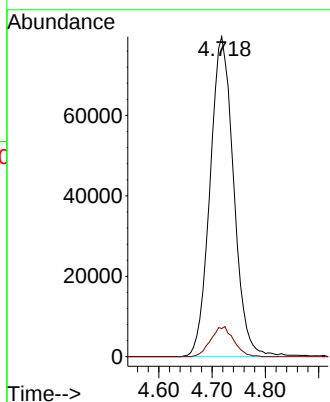
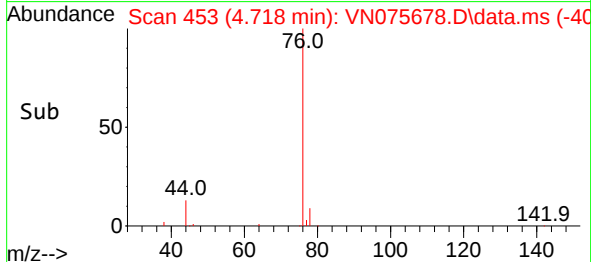
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



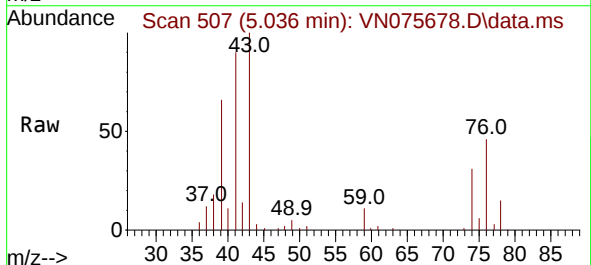
Tgt Ion: 76 Resp: 244869
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Manual Integrations
APPROVED

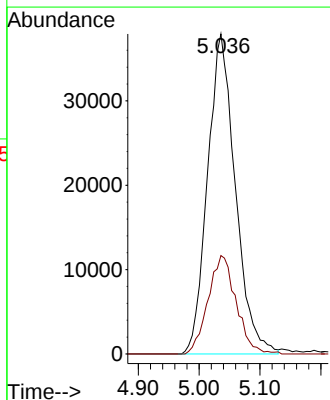
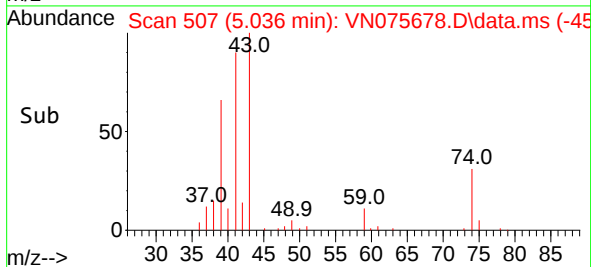
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

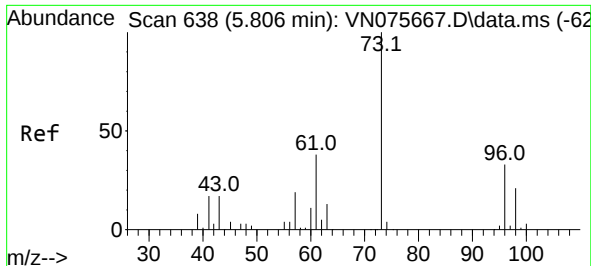


#18
Methyl Acetate
Concen: 45.366 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion: 43 Resp: 120244
Ion Ratio Lower Upper
43 100
74 31.1 24.5 36.7





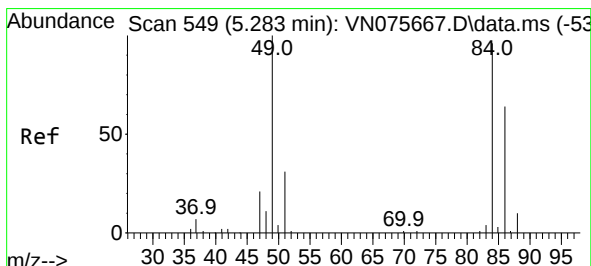
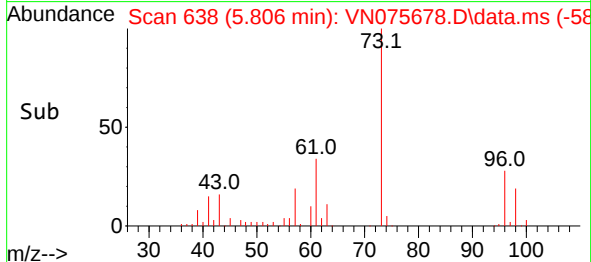
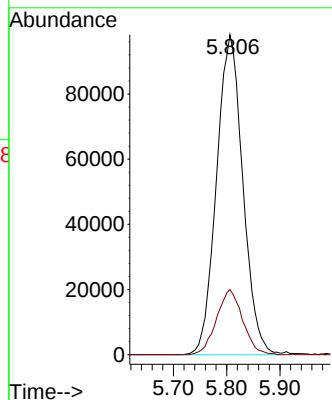
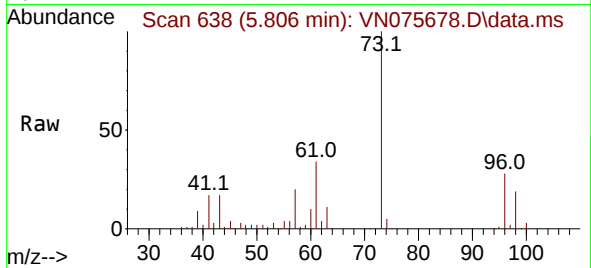
#19
Methyl tert-butyl Ether
Concen: 50.912 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 33679
Ion Ratio Lower Upper
73 100
57 20.4 15.1 22.7

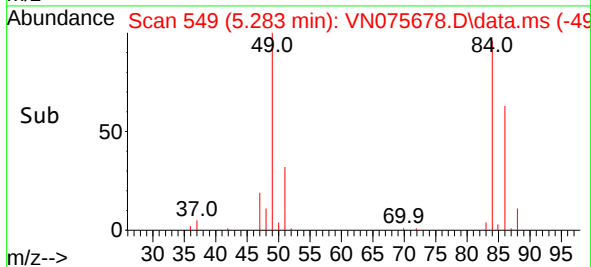
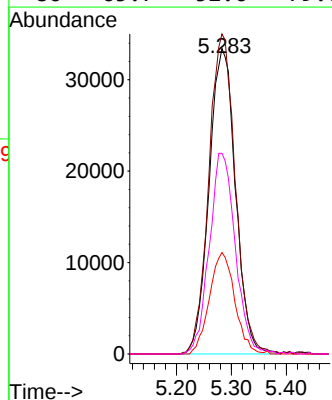
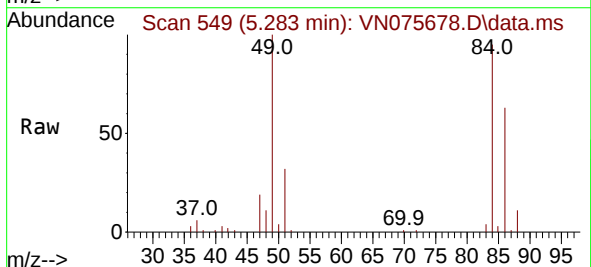
Manual Integrations
APPROVED

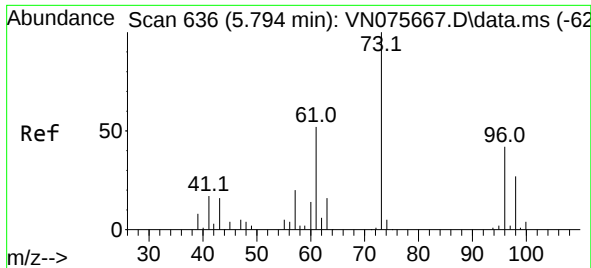
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 45.335 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion: 84 Resp: 111477
Ion Ratio Lower Upper
84 100
49 104.8 83.0 124.4
51 33.2 26.0 39.0
86 65.7 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 49.555 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

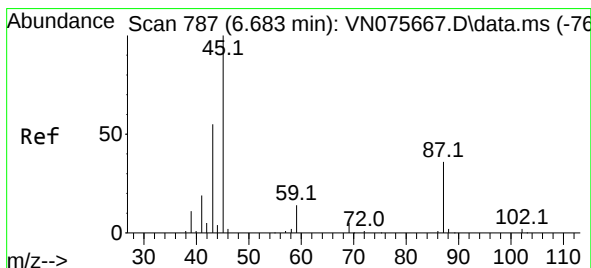
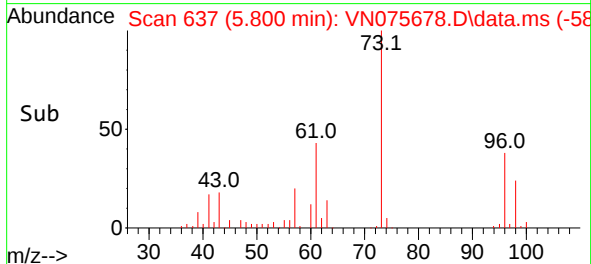
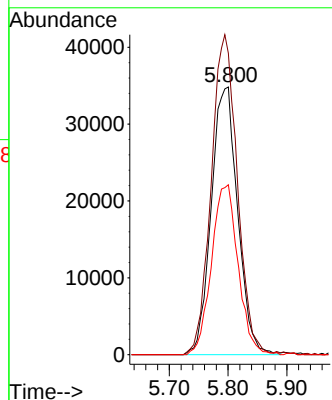
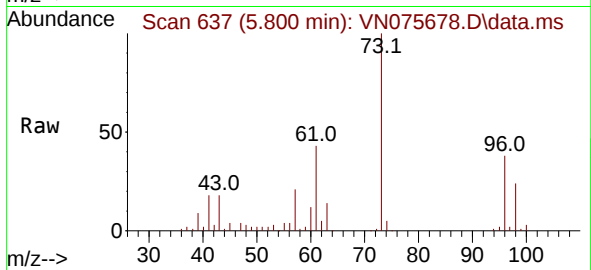
VSTDCCC050EC

Tgt Ion: 96 Resp: 108900
Ion Ratio Lower Upper
96 100
61 112.6 100.5 150.7
98 63.5 52.7 79.1

Manual Integrations

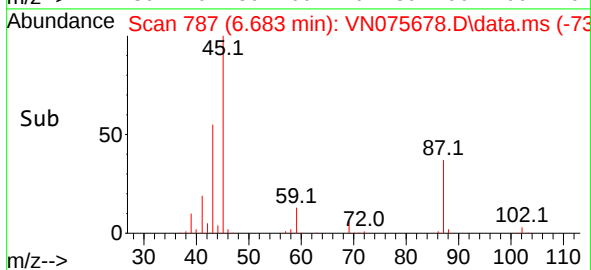
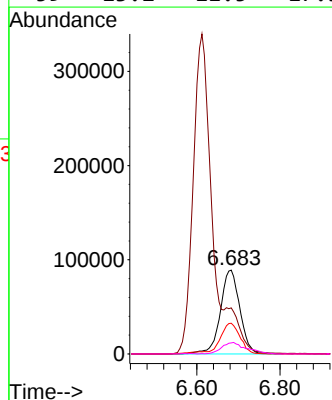
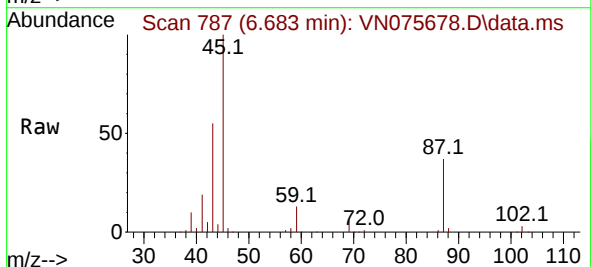
APPROVED

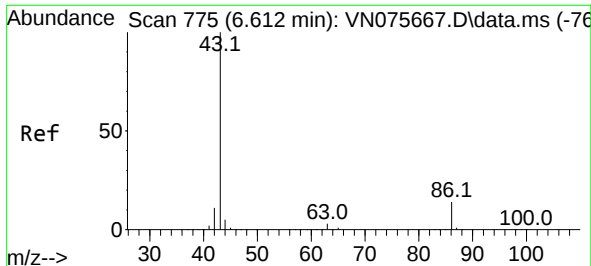
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#22
Diisopropyl ether
Concen: 51.933 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion: 45 Resp: 289378
Ion Ratio Lower Upper
45 100
43 54.0 44.9 67.3
87 36.5 28.8 43.2
59 13.2 11.5 17.3





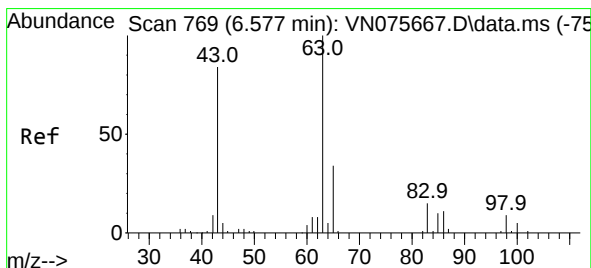
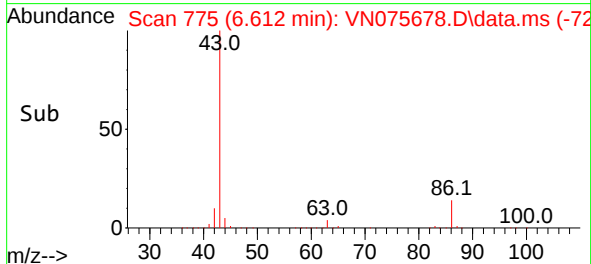
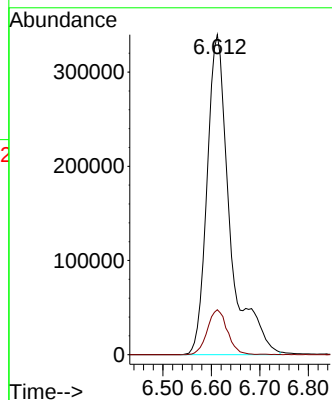
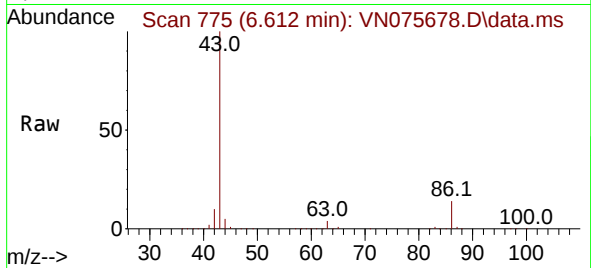
#23
 Vinyl Acetate
 Concen: 261.507 ug/l m
 RT: 6.612 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VN075678.D
 Acq: 09 Dec 2022 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 111112
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.5 17.3

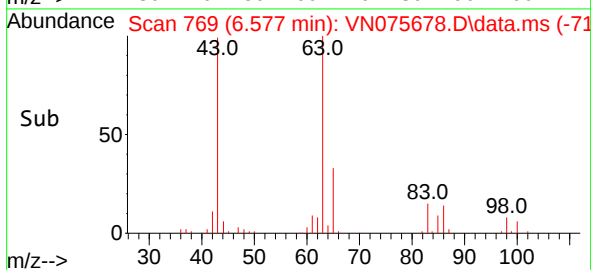
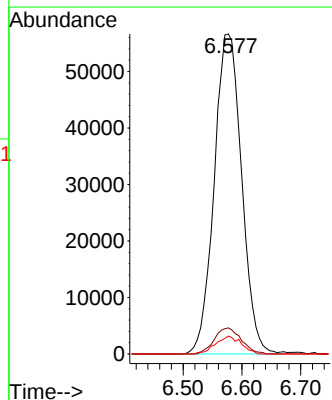
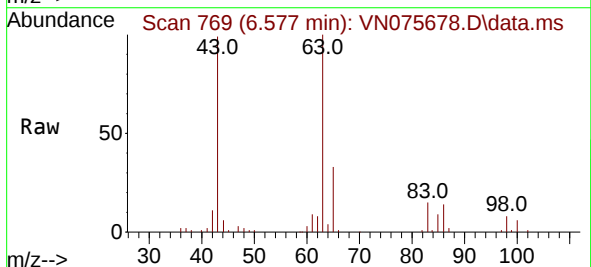
Manual Integrations
 APPROVED

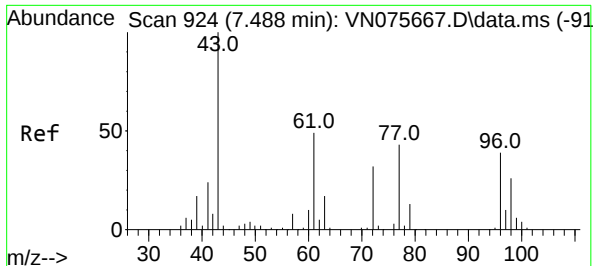
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 50.097 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075678.D
 Acq: 09 Dec 2022 19:43

Tgt Ion: 63 Resp: 183750
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 12.9
 100 5.6 2.6 7.8





#25

2-Butanone

Concen: 238.608 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 287718

Ion Ratio Lower Upper

43 100

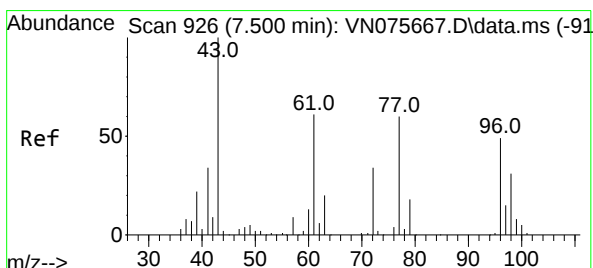
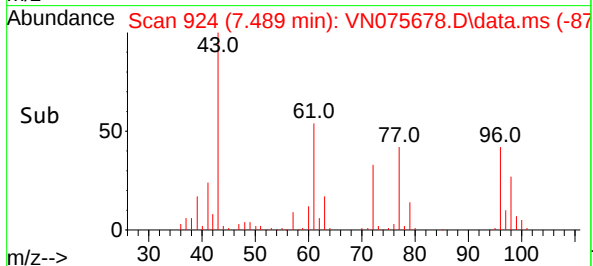
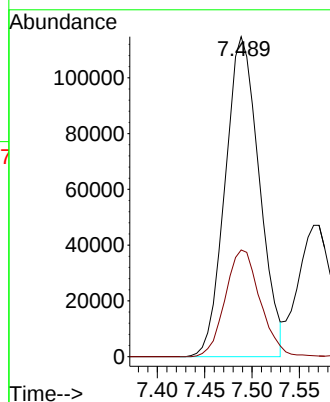
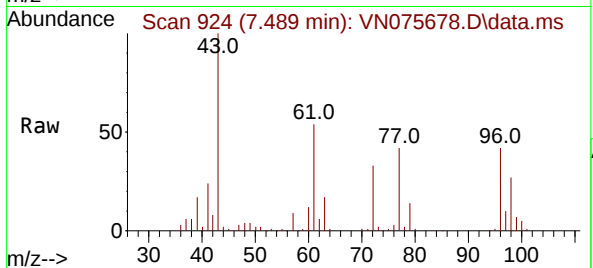
72 33.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 49.387 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075678.D

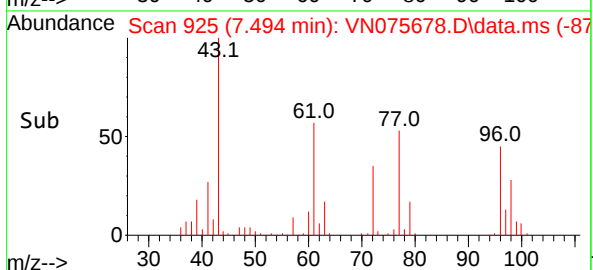
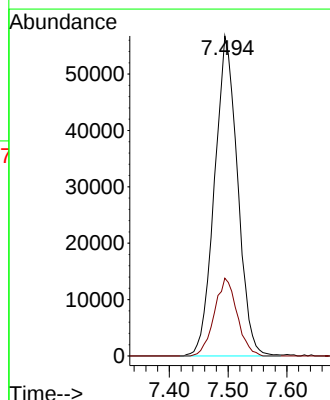
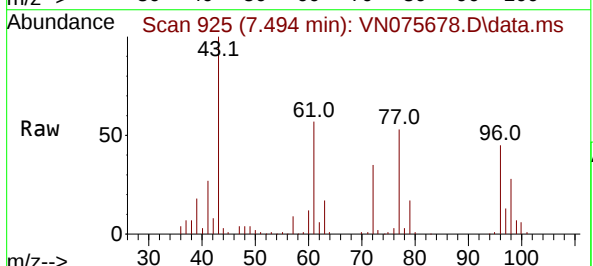
Acq: 09 Dec 2022 19:43

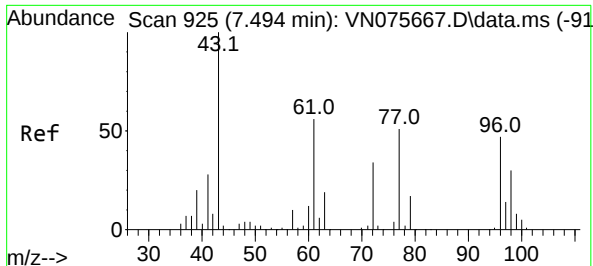
Tgt Ion: 77 Resp: 154493

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 48.233 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075678.D

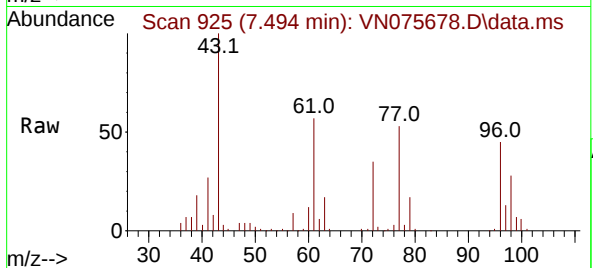
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



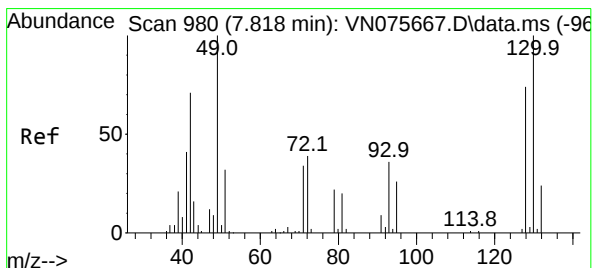
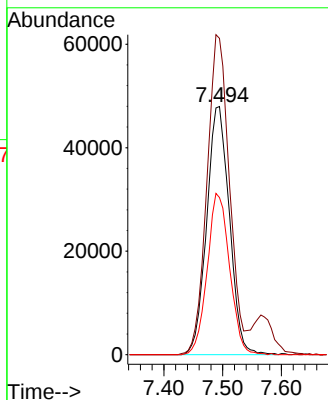
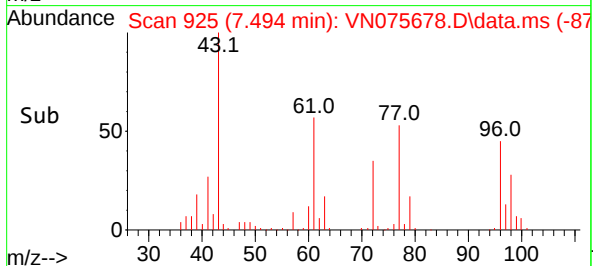
Tgt Ion:	96	Resp:	12868
Ion Ratio	100	Lower	Upper
96	100		
61	127.8	0.0	247.8
98	63.9	0.0	126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#28

Bromochloromethane

Concen: 46.843 ug/l

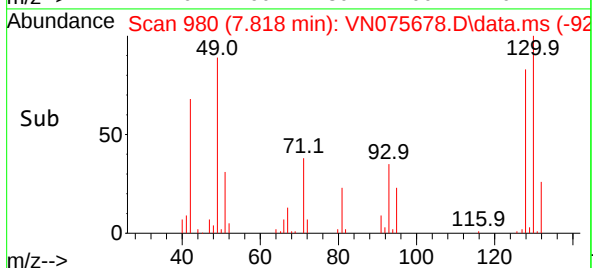
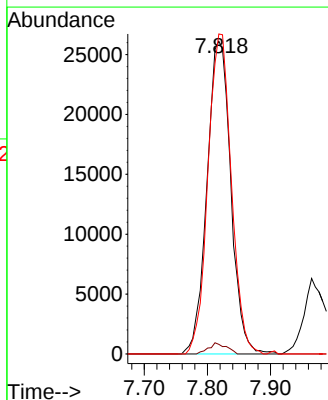
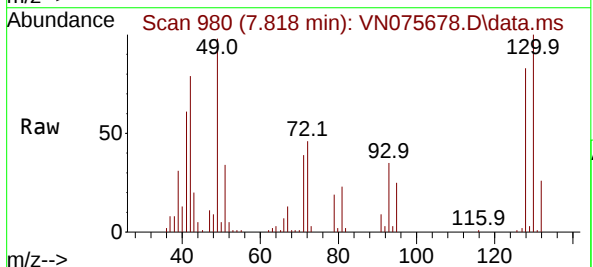
RT: 7.818 min Scan# 980

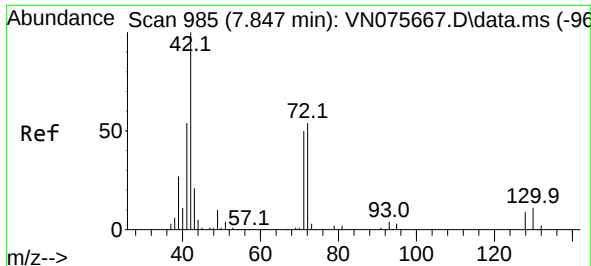
Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

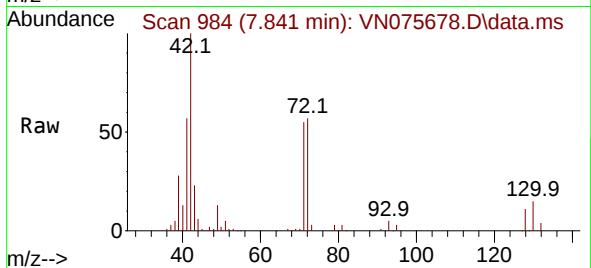
Tgt Ion:	49	Resp:	68695
Ion Ratio	100	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	100.1	78.5	117.7





#29
Tetrahydrofuran
Concen: 255.148 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

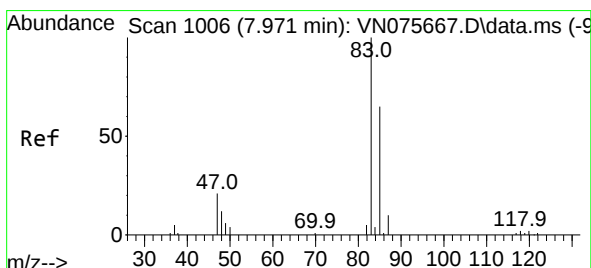
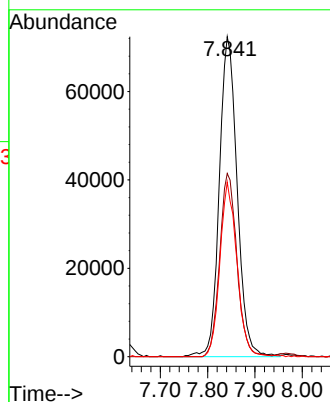
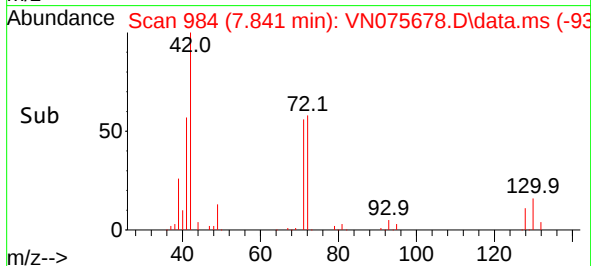
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 18963
Ion Ratio Lower Upper
42 100
72 55.4 44.6 67.0
71 51.8 41.2 61.8

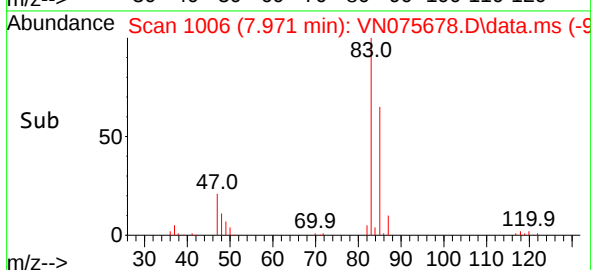
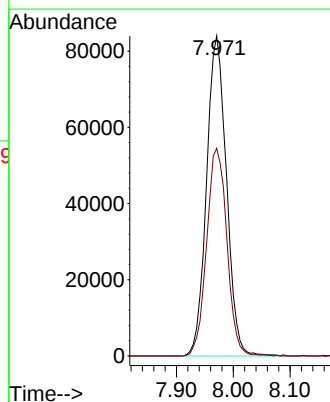
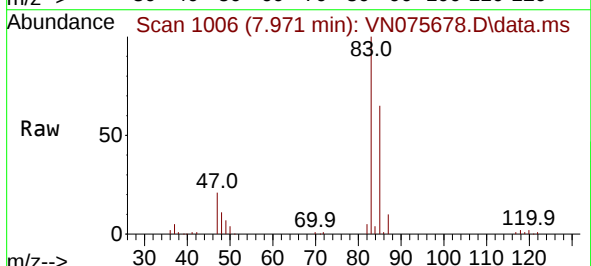
Manual Integrations
APPROVED

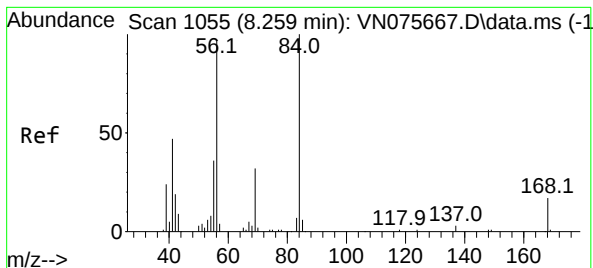
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#30
Chloroform
Concen: 50.196 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion: 83 Resp: 203929
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.6





#31

Cyclohexane

Concen: 45.762 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075678.D

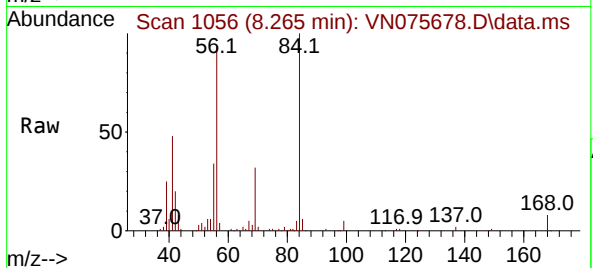
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 165028

Ion Ratio Lower Upper

56 100

69 34.1 26.2 39.2

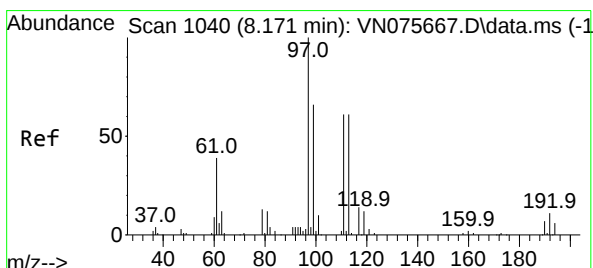
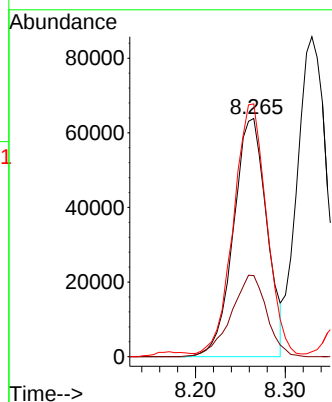
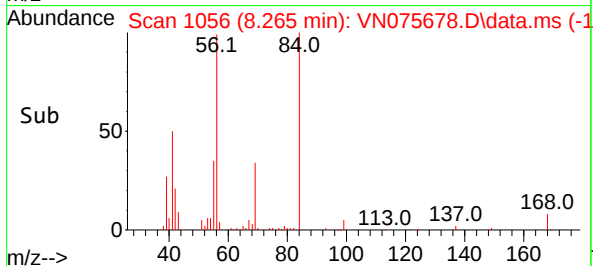
84 104.4 82.8 124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#32

1,1,1-Trichloroethane

Concen: 50.708 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

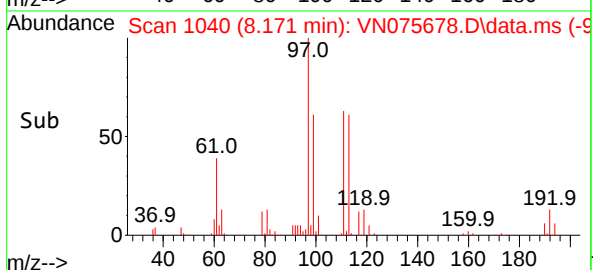
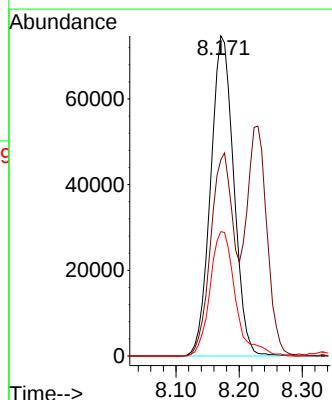
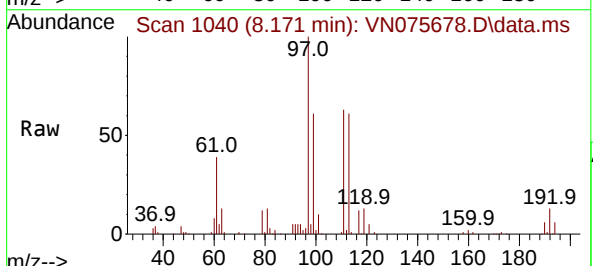
Tgt Ion: 97 Resp: 190059

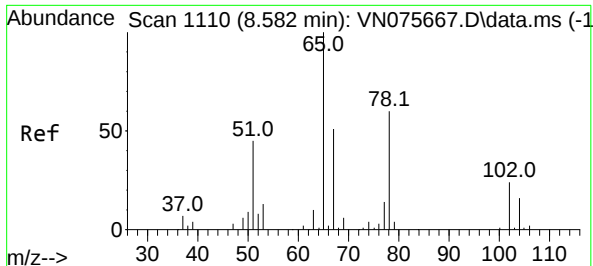
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 42.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.218 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 119879

Ion Ratio Lower Upper

65 100

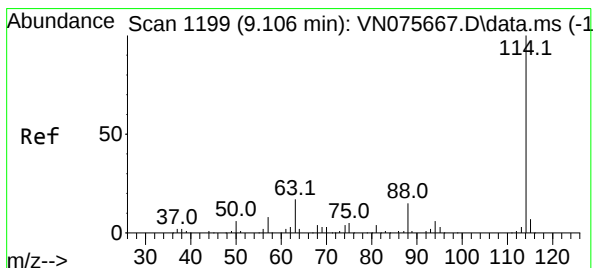
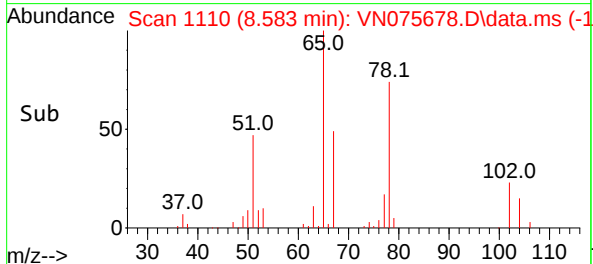
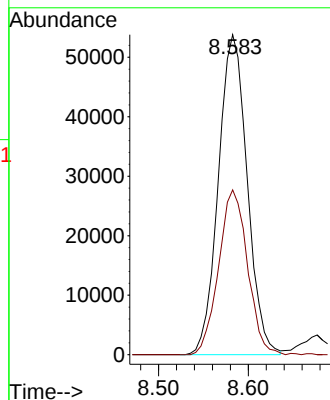
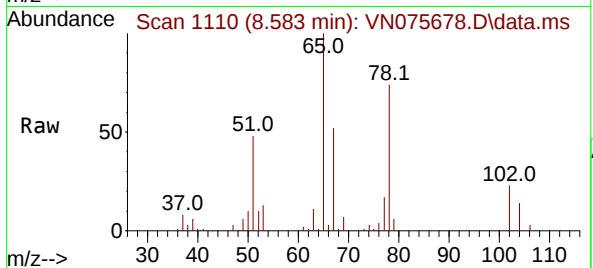
67 51.6 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

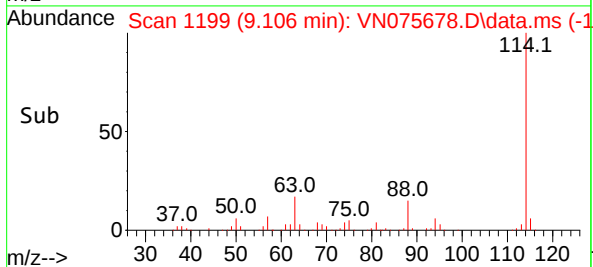
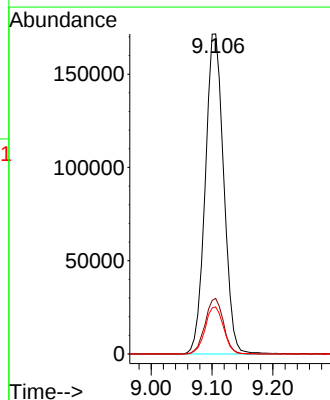
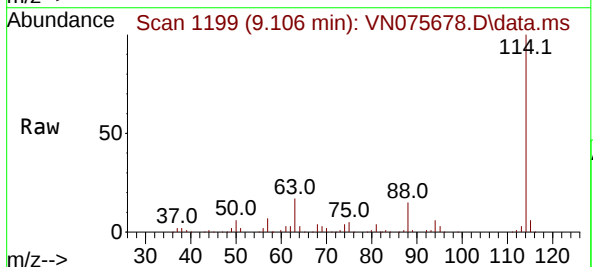
Tgt Ion:114 Resp: 361059

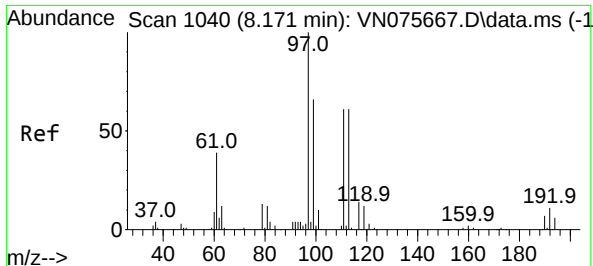
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.401 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 111028

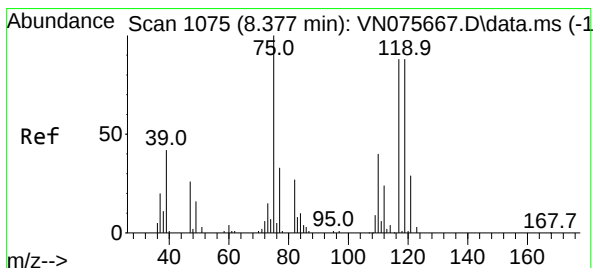
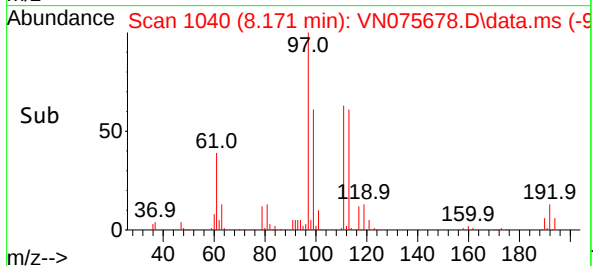
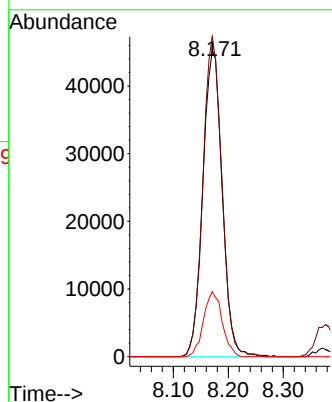
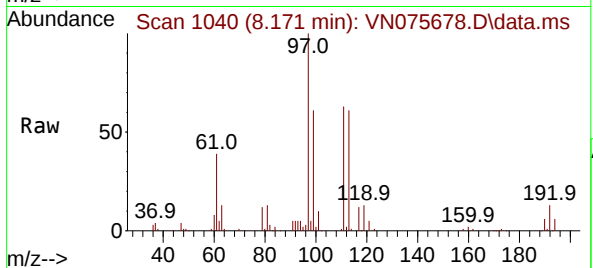
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	20.5	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 50.604 ug/l

RT: 8.377 min Scan# 1075

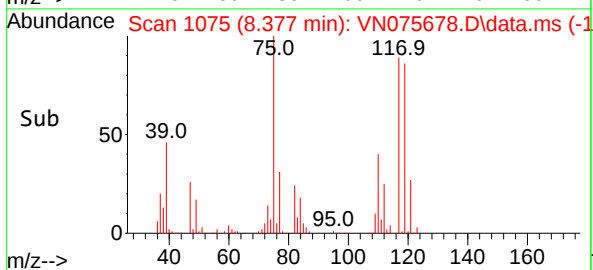
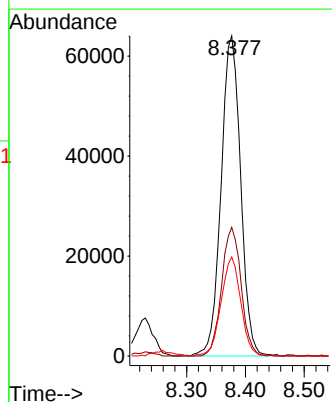
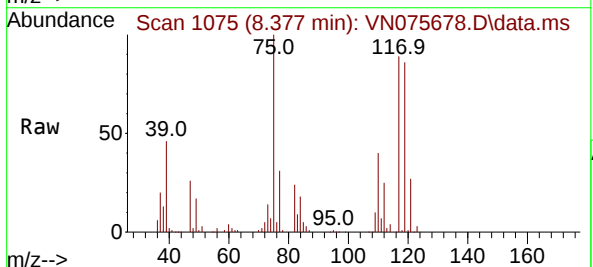
Delta R.T. 0.000 min

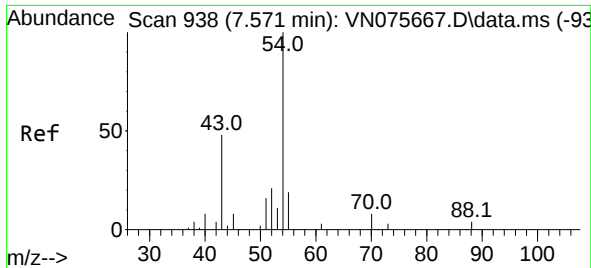
Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Tgt Ion: 75 Resp: 148021

Ion	Ratio	Lower	Upper
75	100		
110	40.0	18.9	56.9
77	31.1	25.4	38.2





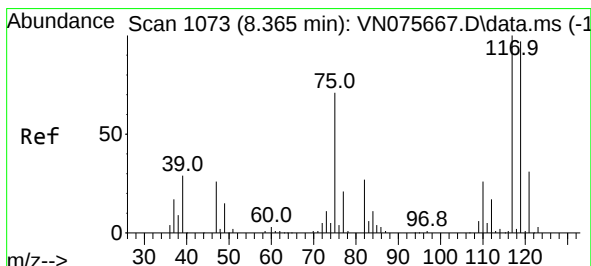
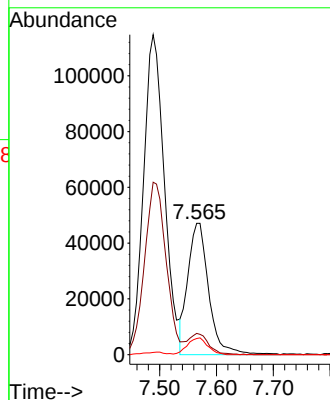
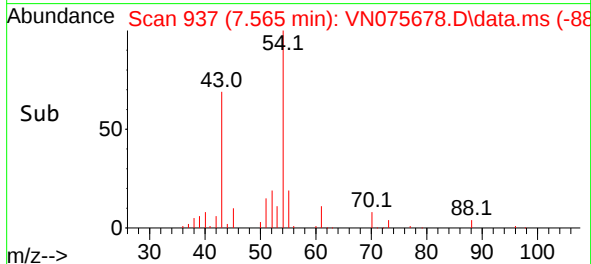
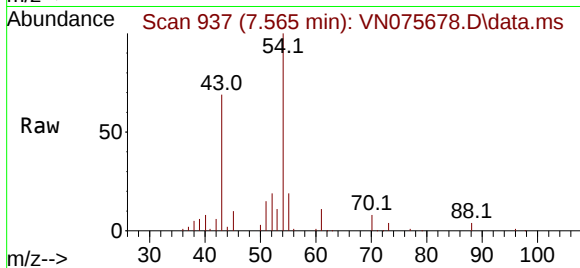
#37
Ethyl Acetate
Concen: 51.409 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 120735
Ion Ratio Lower Upper
43 100
61 15.5 13.3 19.9
70 12.4 9.9 14.9

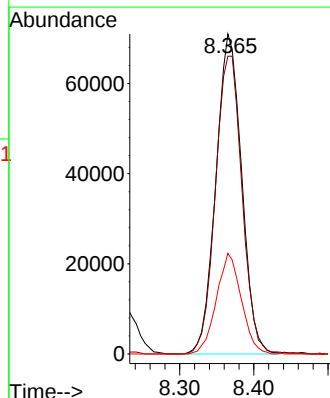
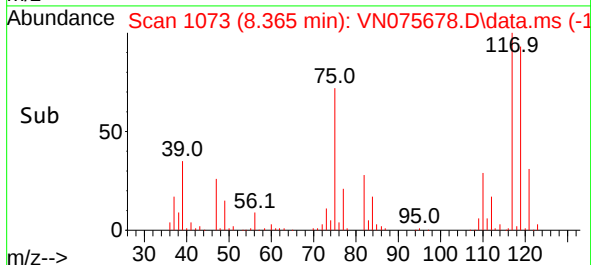
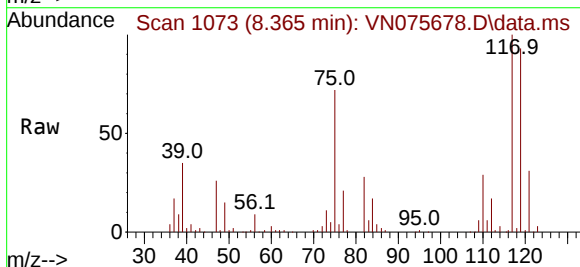
Manual Integrations
APPROVED

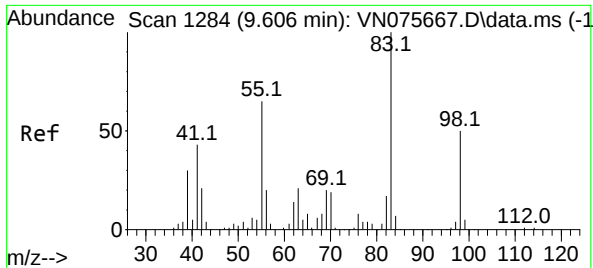
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#38
Carbon Tetrachloride
Concen: 50.708 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion:117 Resp: 171161
Ion Ratio Lower Upper
117 100
119 93.1 77.2 115.8
121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 52.803 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 195854

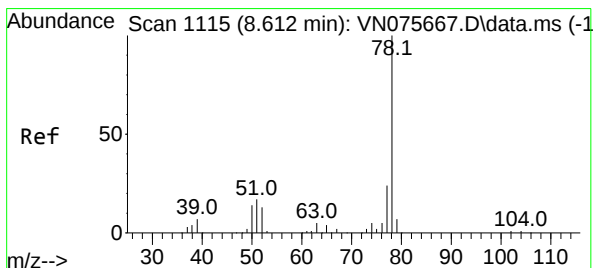
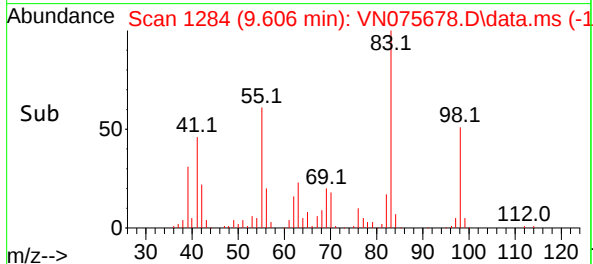
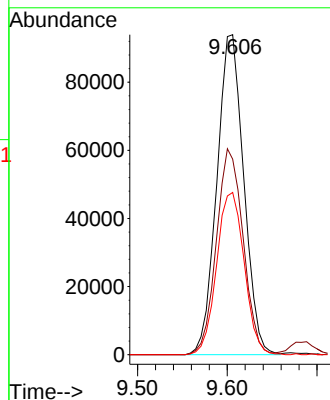
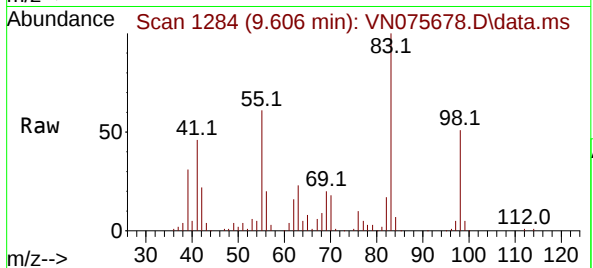
Ion	Ratio	Lower	Upper
83	100		
55	61.1	51.6	77.4
98	50.7	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 51.362 ug/l

RT: 8.612 min Scan# 1115

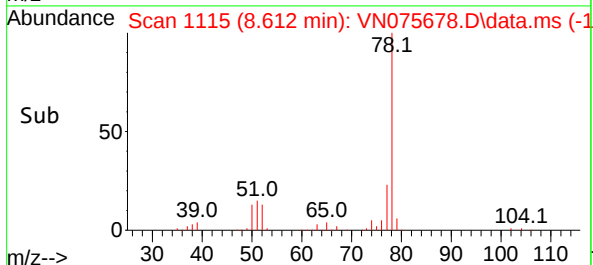
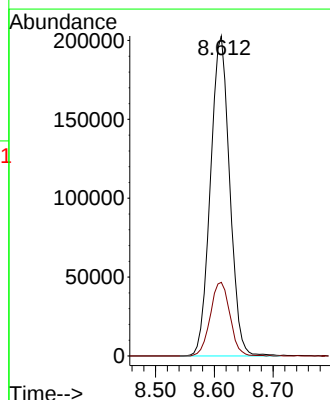
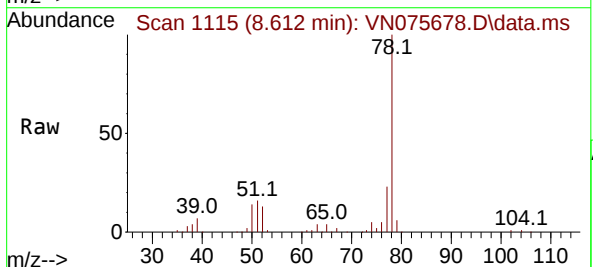
Delta R.T. 0.000 min

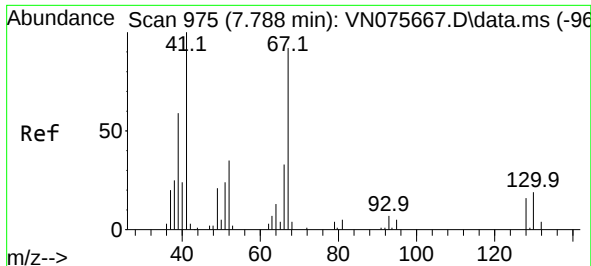
Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Tgt Ion: 78 Resp: 461071

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





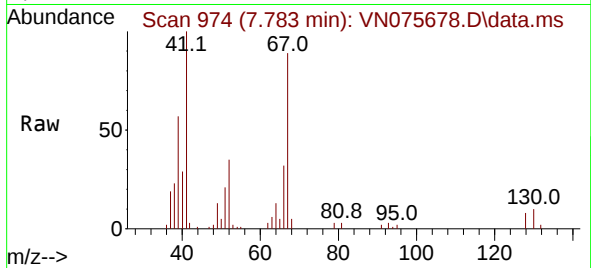
#41
Methacrylonitrile
Concen: 52.221 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



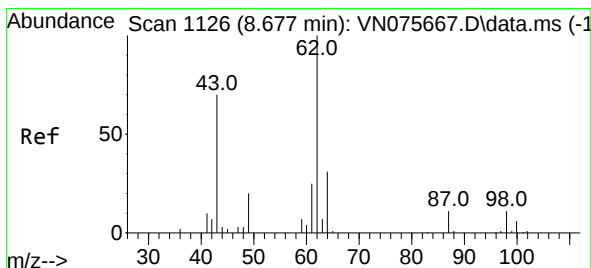
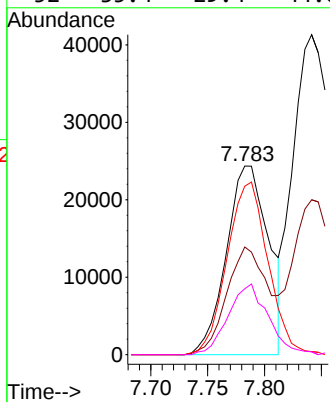
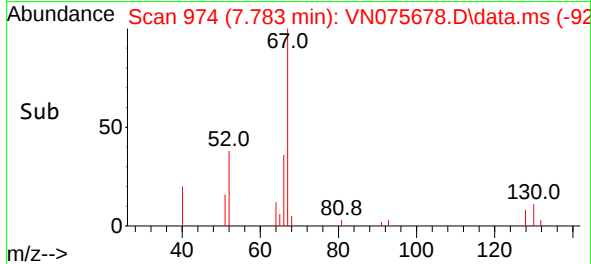
Tgt Ion: 41 Resp: 62880
Ion Ratio Lower Upper
41 100
39 52.2 46.3 69.5
67 88.9 74.0 111.0
52 35.4 29.4 44.0

Manual Integrations

APPROVED

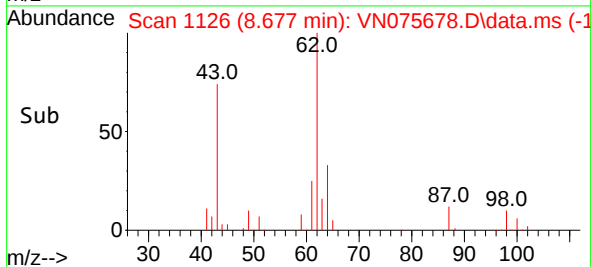
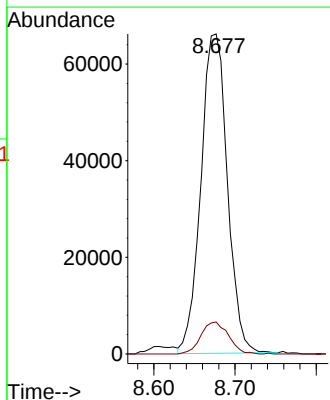
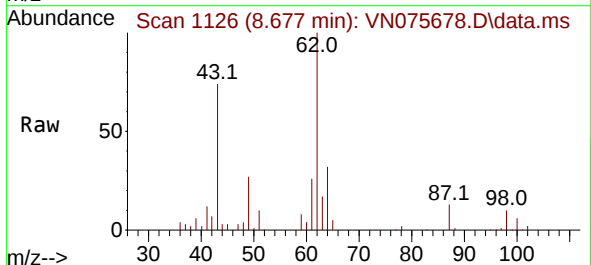
Reviewed By :John Carlone 12/12/2022

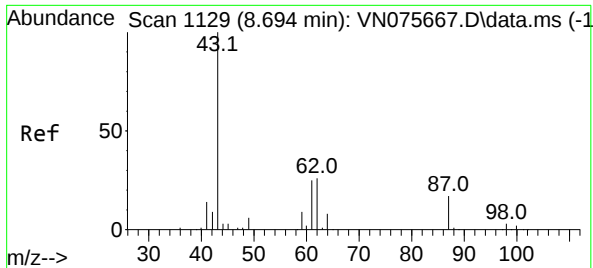
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 49.881 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

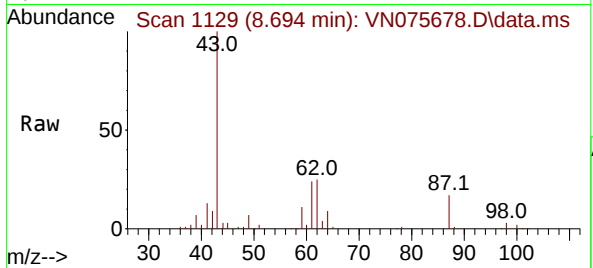
Tgt Ion: 62 Resp: 149790
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 52.818 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

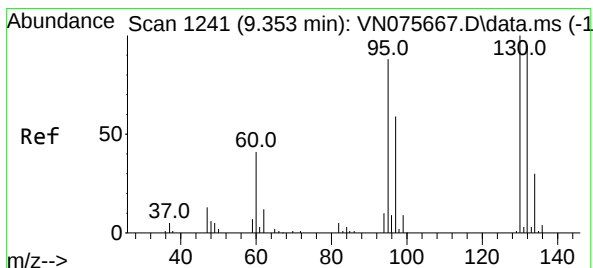
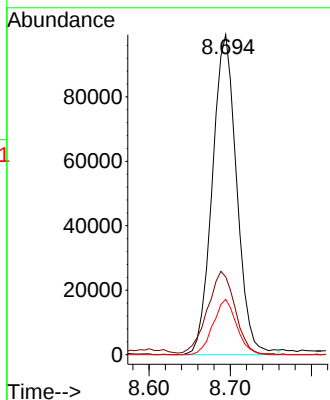
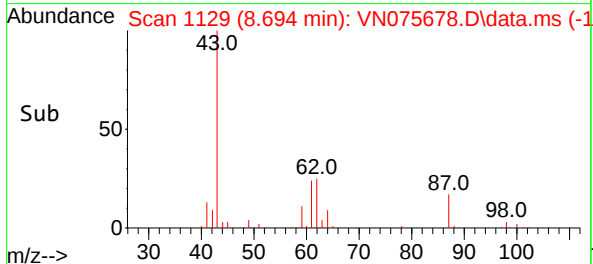
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



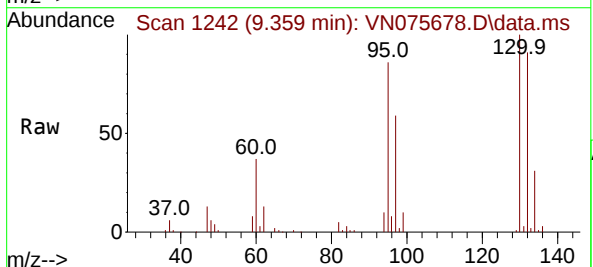
Tgt Ion: 43 Resp: 20708
Ion Ratio Lower Upper
43 100
61 29.9 23.8 35.8
87 16.7 13.7 20.5

Manual Integrations
APPROVED

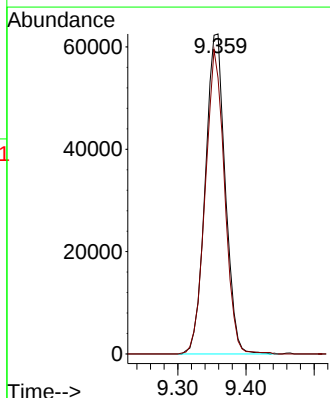
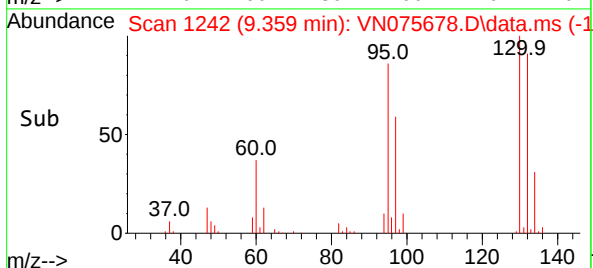
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

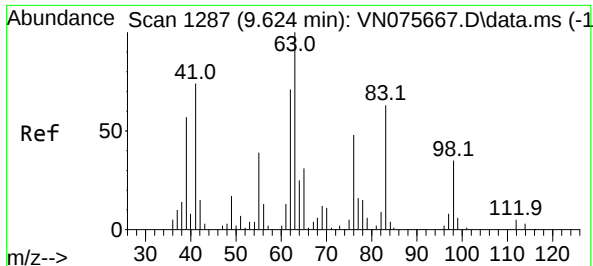


#44
Trichloroethene
Concen: 50.299 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion:130 Resp: 127382
Ion Ratio Lower Upper
130 100
95 86.2 0.0 176.8





#45

1,2-Dichloropropane

Concen: 50.986 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10885

Ion Ratio Lower Upper

63 100

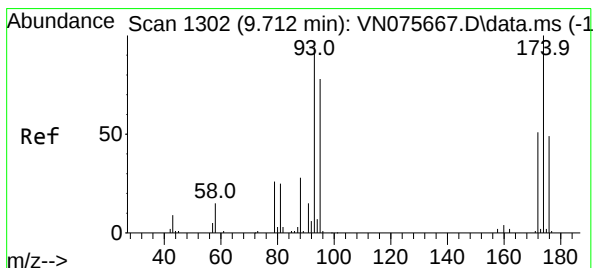
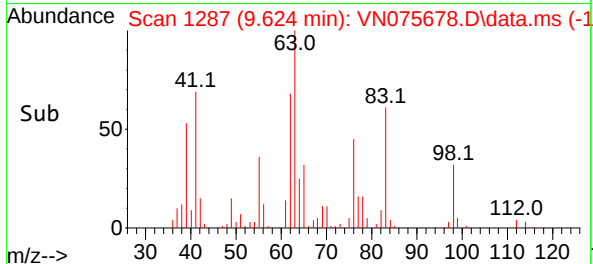
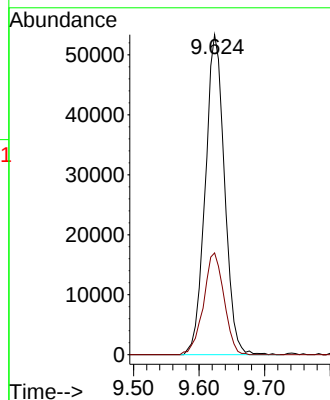
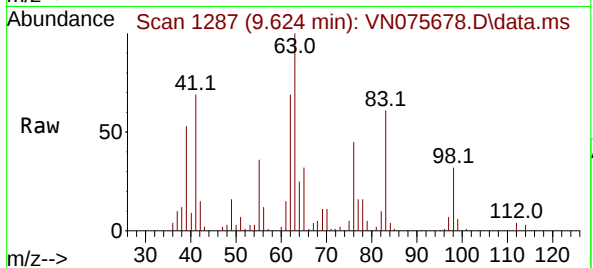
65 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 52.356 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

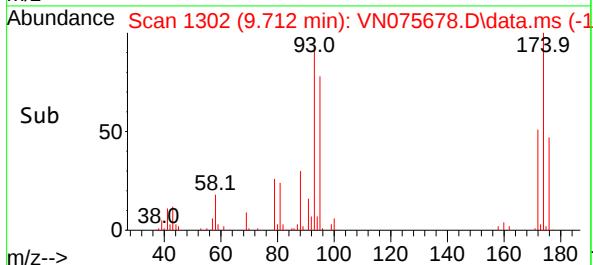
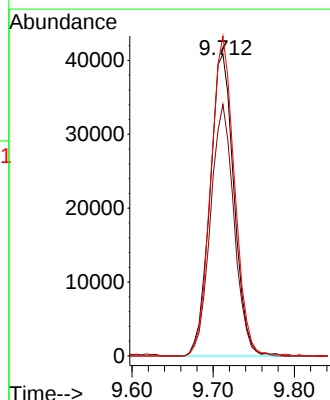
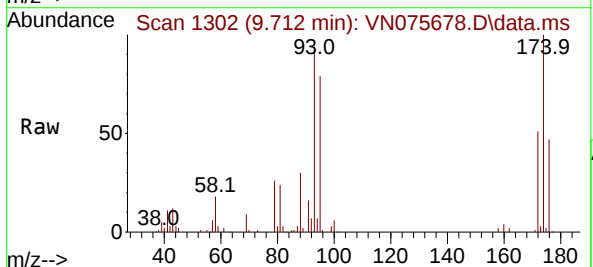
Tgt Ion: 93 Resp: 83922

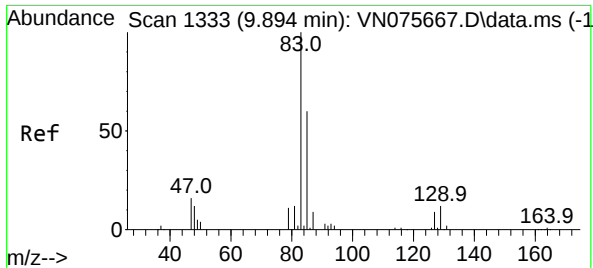
Ion Ratio Lower Upper

93 100

95 81.9 67.3 100.9

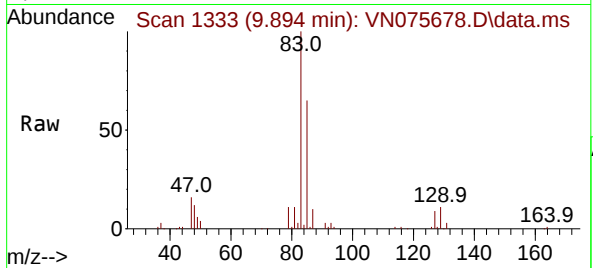
174 105.1 85.0 127.6





#47
Bromodichloromethane
Concen: 52.333 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

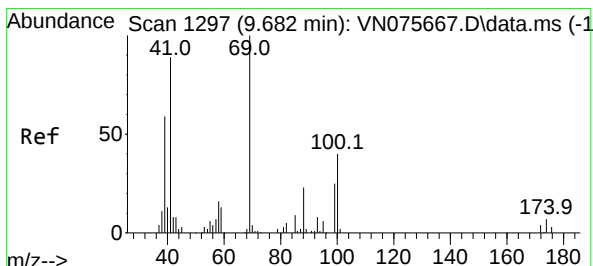
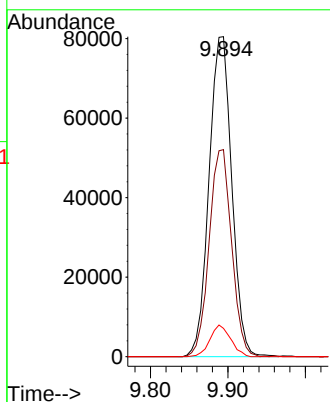
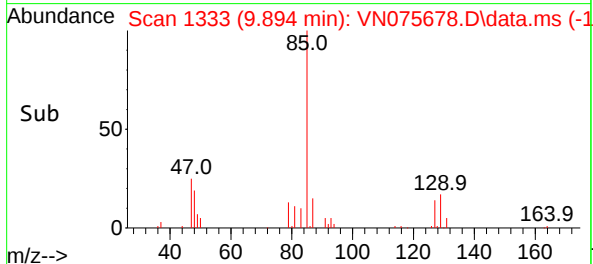
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 164475
Ion Ratio Lower Upper
83 100
85 64.7 48.0 72.0
127 8.8 7.4 11.2

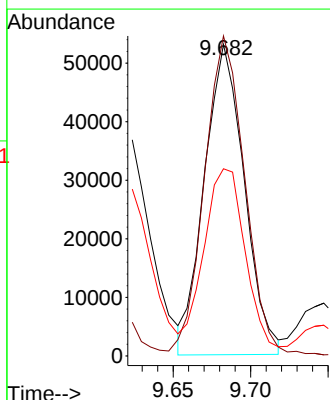
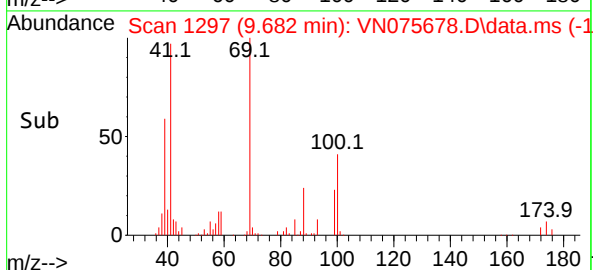
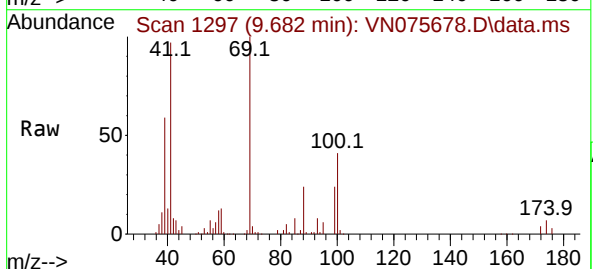
Manual Integrations
APPROVED

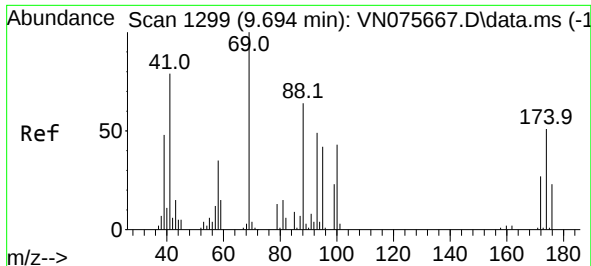
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 52.499 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion: 41 Resp: 94800
Ion Ratio Lower Upper
41 100
69 104.9 82.5 123.7
39 64.1 53.2 79.8





#49

1,4-Dioxane

Concen: 1086.254 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4768

Ion Ratio Lower Upper

88 100

43 21.5 17.4 26.0

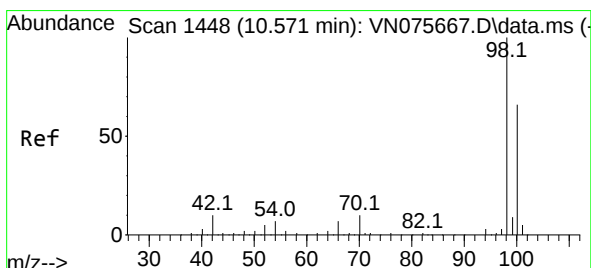
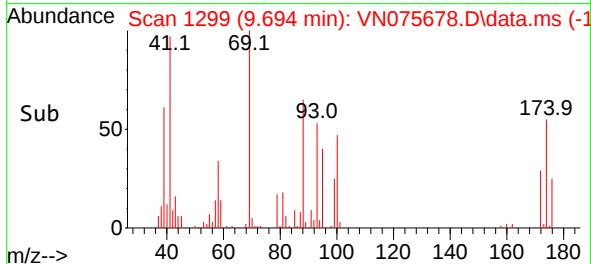
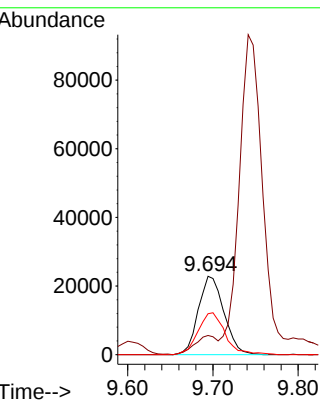
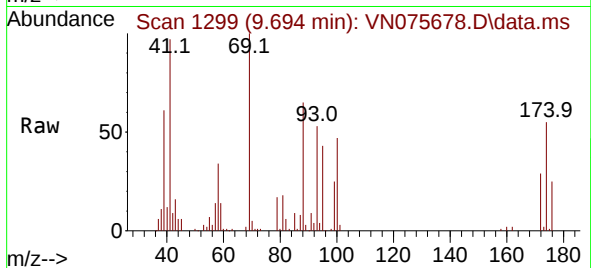
58 56.9 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 51.356 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075678.D

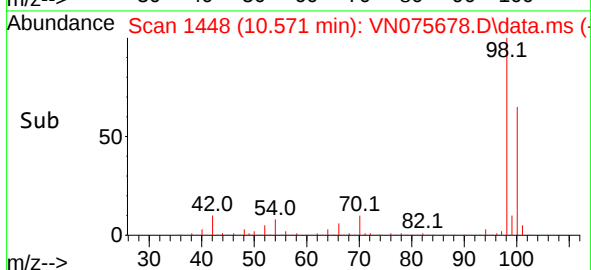
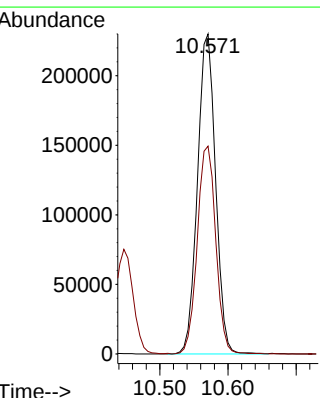
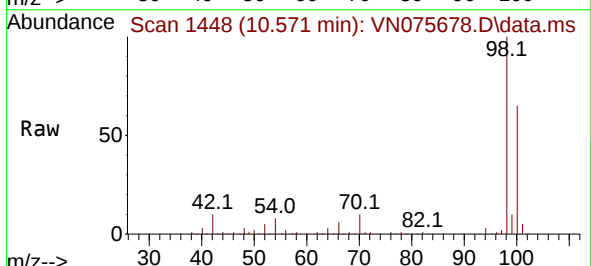
Acq: 09 Dec 2022 19:43

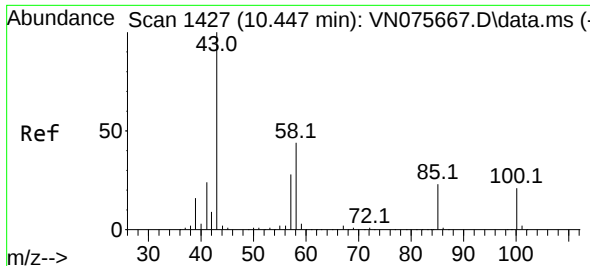
Tgt Ion: 98 Resp: 424855

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 258.605 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

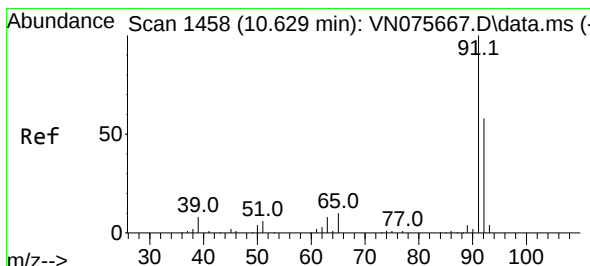
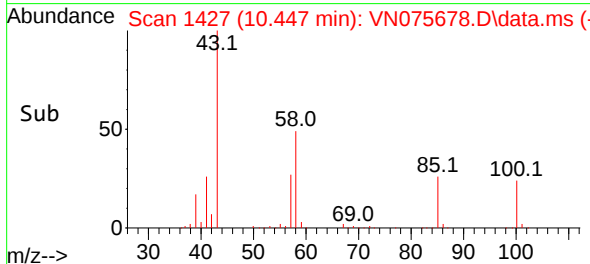
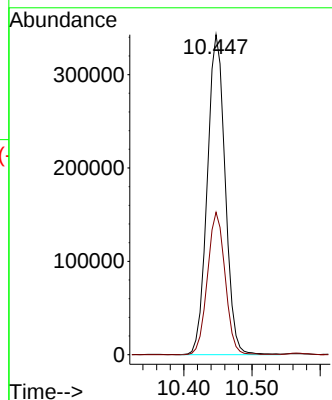
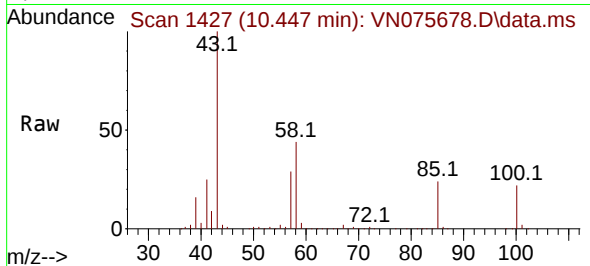
VSTDCCC050EC

Tgt Ion: 43 Resp: 62520
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.6

Manual Integrations

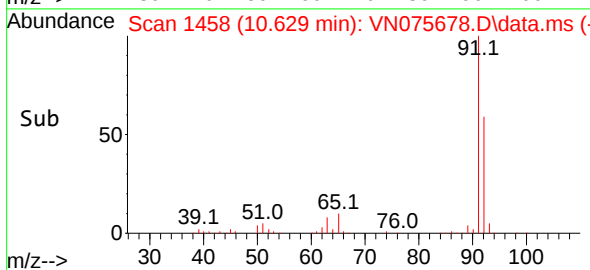
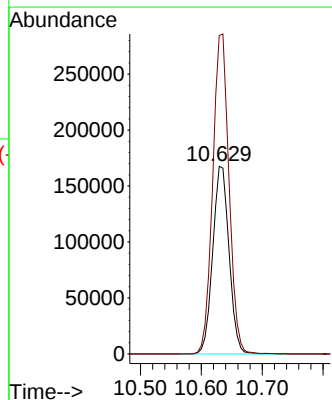
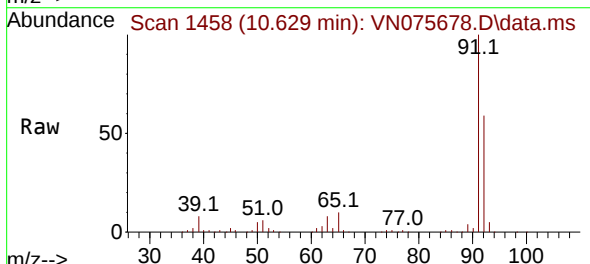
APPROVED

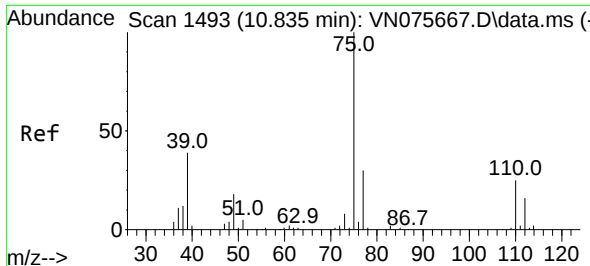
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#52
Toluene
Concen: 52.484 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

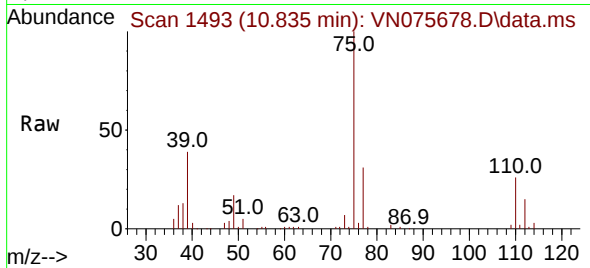
Tgt Ion: 92 Resp: 311409
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 55.502 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

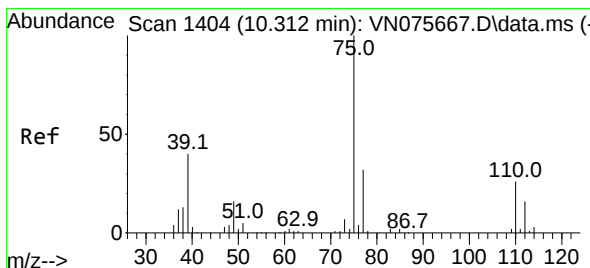
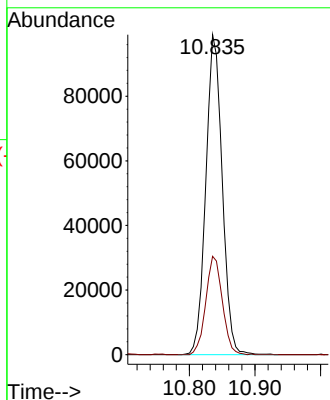
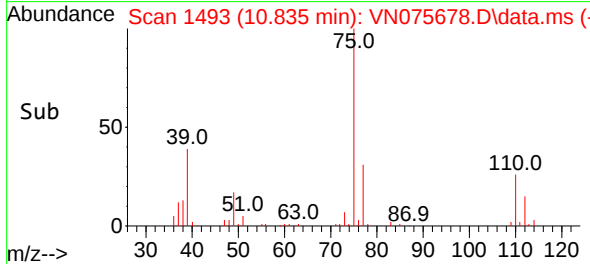
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



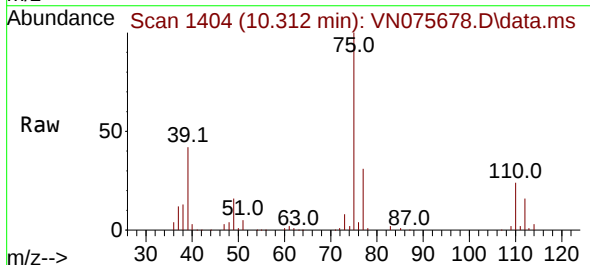
Tgt Ion: 75 Resp: 172275
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5

Manual Integrations
APPROVED

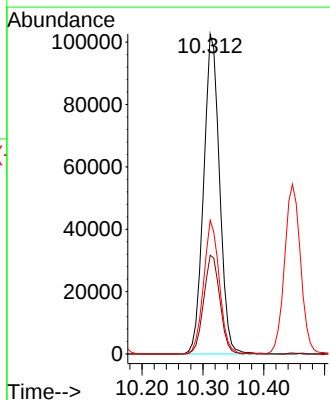
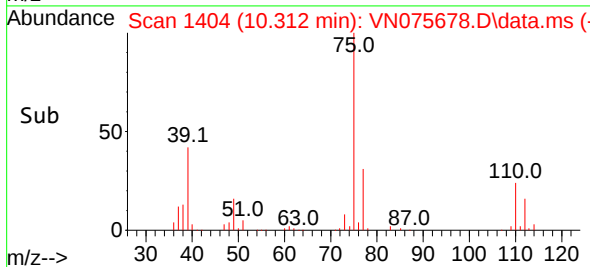
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

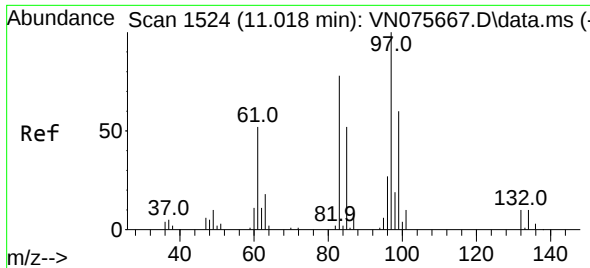


#54
cis-1,3-Dichloropropene
Concen: 54.038 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



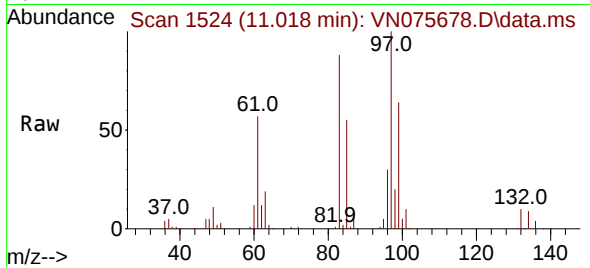
Tgt Ion: 75 Resp: 186612
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 41.8 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 50.947 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

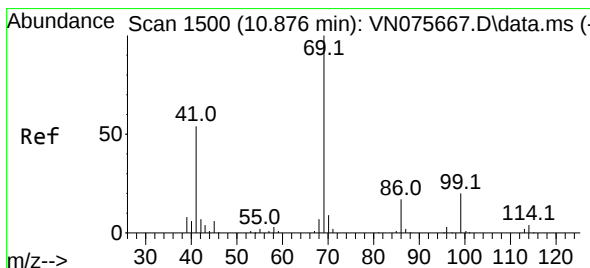
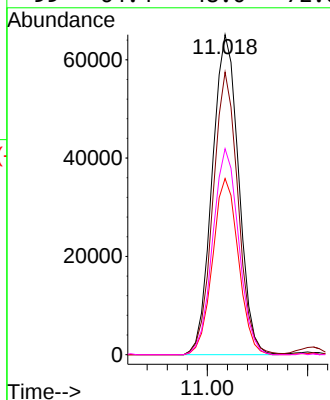
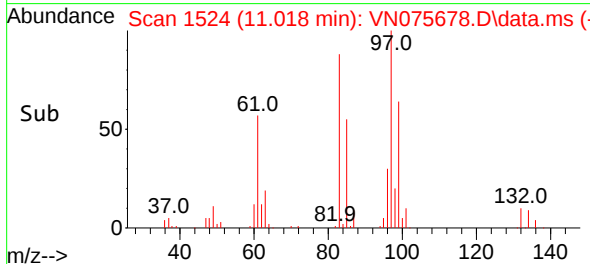
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



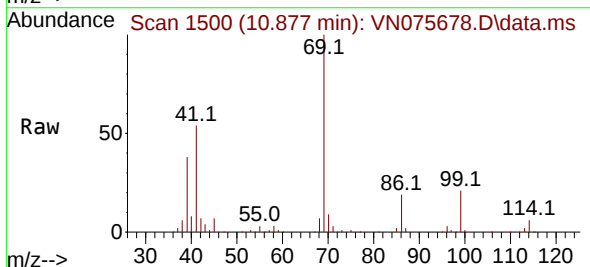
Tgt Ion: 97 Resp: 118850
Ion Ratio Lower Upper
97 100
83 88.3 62.7 94.1
85 55.1 41.8 62.6
99 64.4 48.0 72.0

Manual Integrations
APPROVED

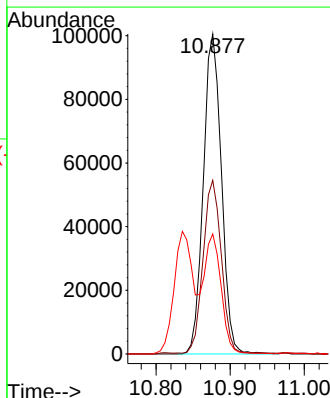
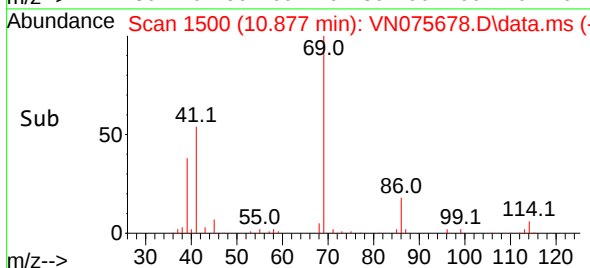
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

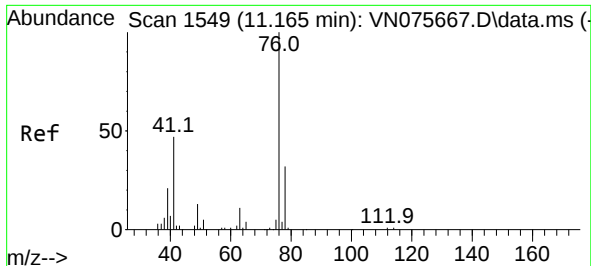


#56
Ethyl methacrylate
Concen: 53.989 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



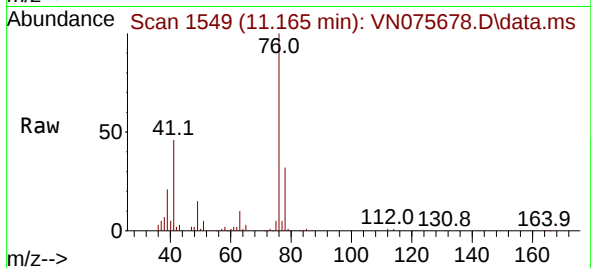
Tgt Ion: 69 Resp: 170667
Ion Ratio Lower Upper
69 100
41 54.1 44.1 66.1
39 33.4 27.7 41.5





#57
1,3-Dichloropropane
Concen: 52.235 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

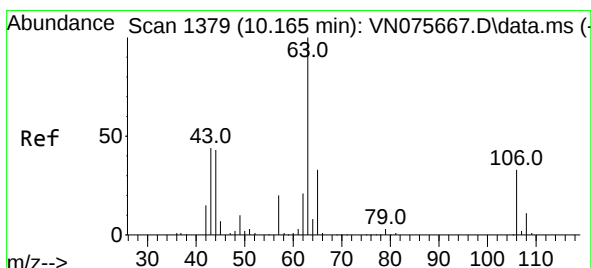
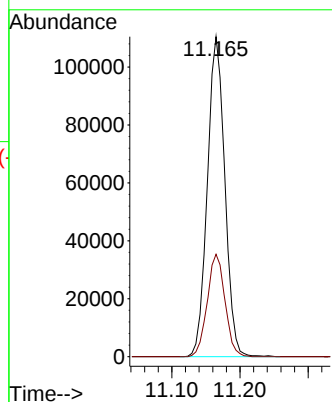
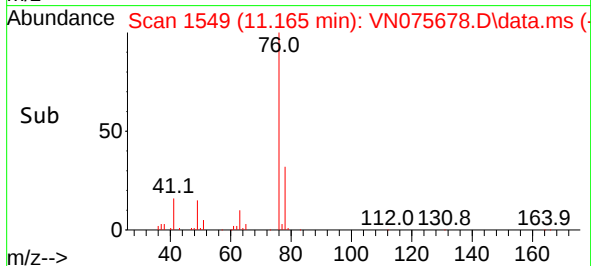
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



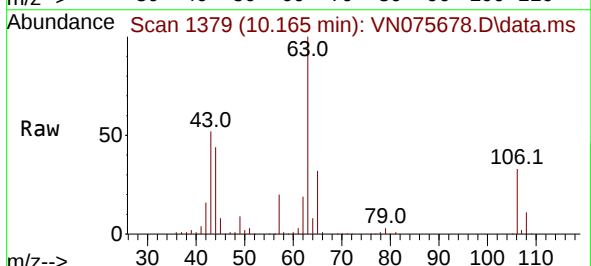
Tgt Ion: 76 Resp: 19696
Ion Ratio Lower Upper
76 100
78 32.5 26.8 40.2

Manual Integrations
APPROVED

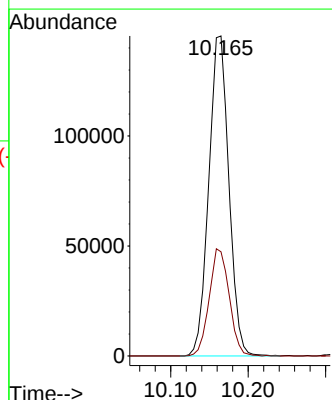
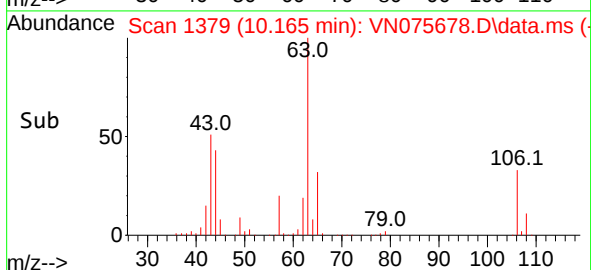
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

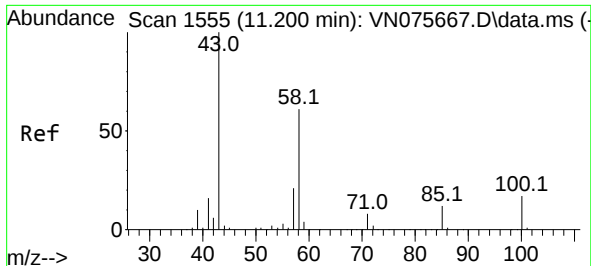


#58
2-Chloroethyl Vinyl ether
Concen: 281.151 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



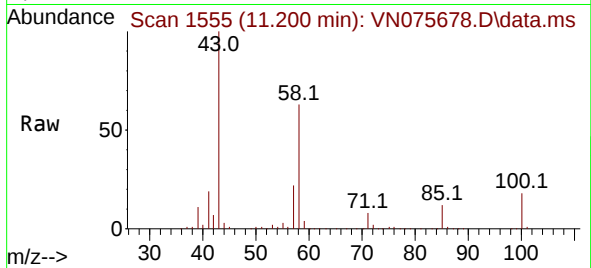
Tgt Ion: 63 Resp: 262411
Ion Ratio Lower Upper
63 100
106 33.3 26.6 40.0





#59
2-Hexanone
Concen: 262.400 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

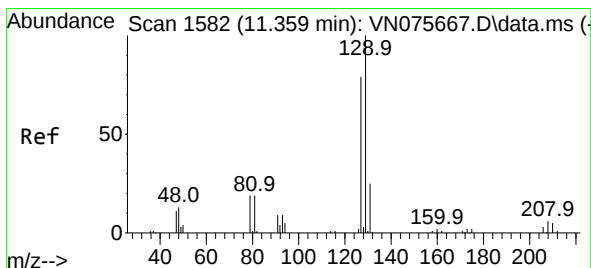
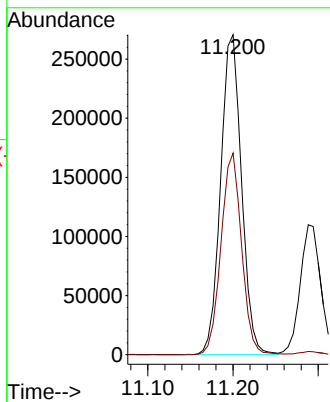
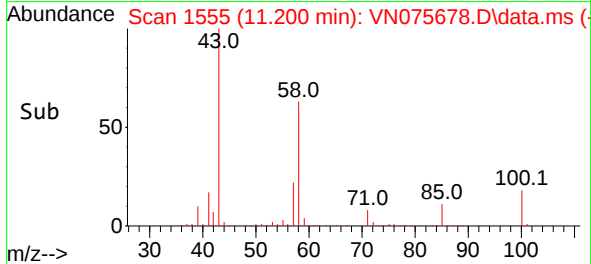
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 460880
Ion Ratio Lower Upper
43 100
58 62.0 30.9 92.5

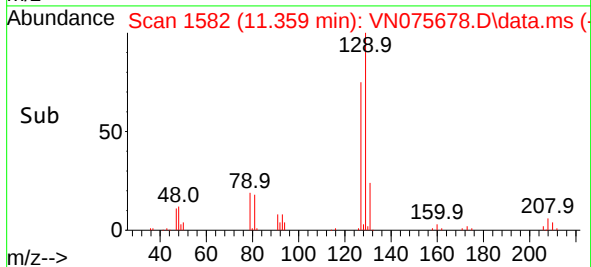
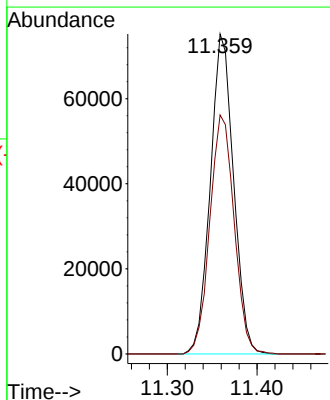
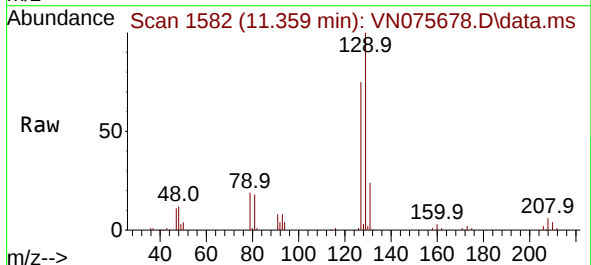
Manual Integrations
APPROVED

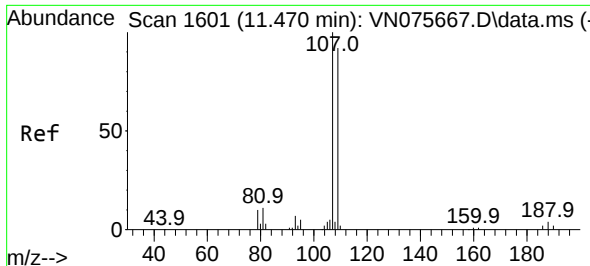
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#60
Dibromochloromethane
Concen: 52.732 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

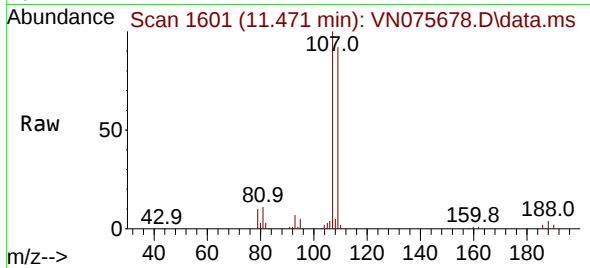
Tgt Ion:129 Resp: 135370
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.128 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

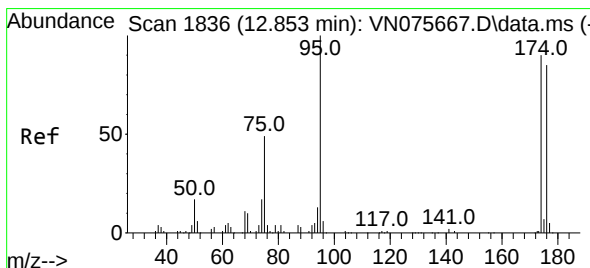
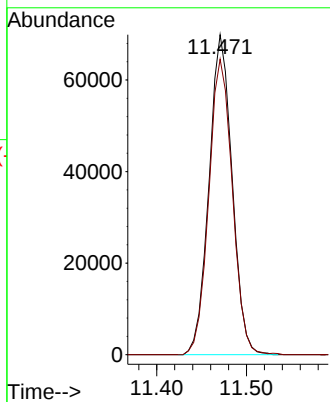
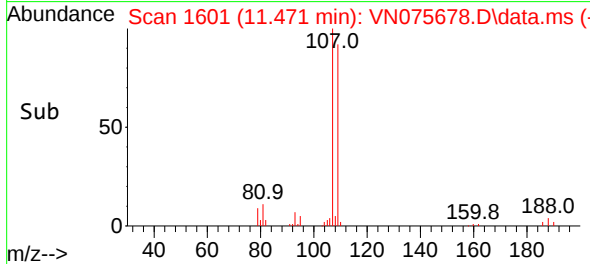
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



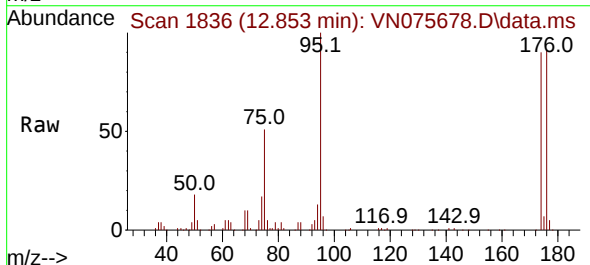
Tgt Ion:107 Resp: 124968
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2

Manual Integrations
APPROVED

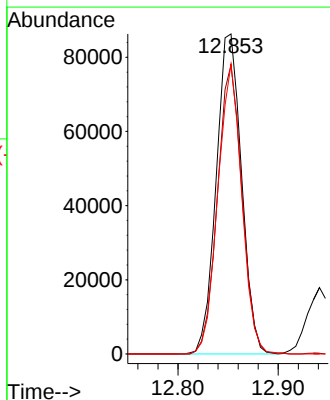
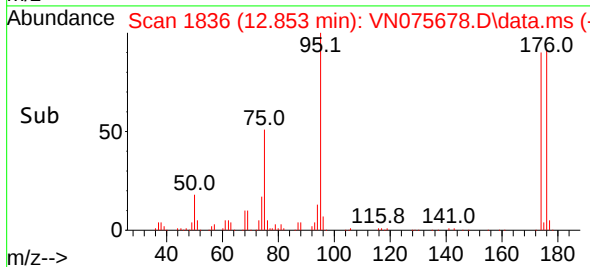
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

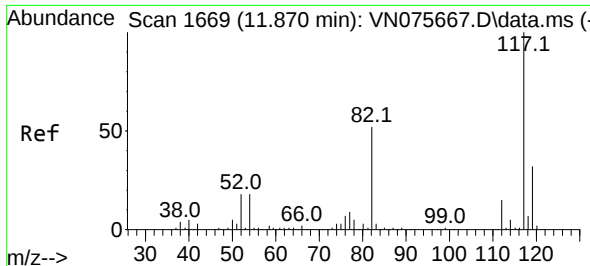


#62
4-Bromofluorobenzene
Concen: 53.516 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



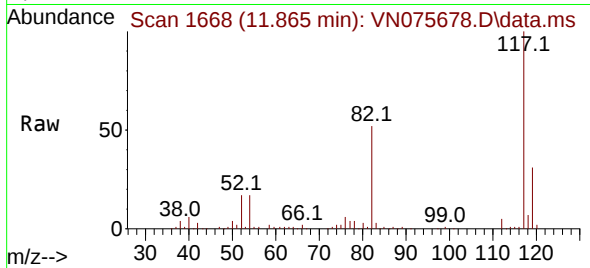
Tgt Ion: 95 Resp: 151370
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.6
176 85.2 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

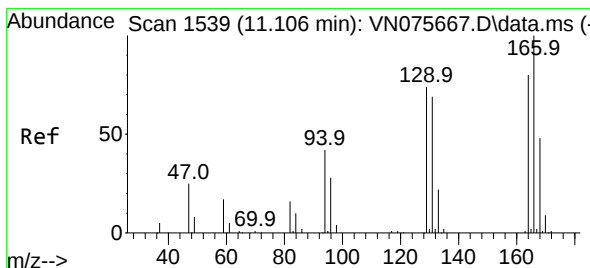
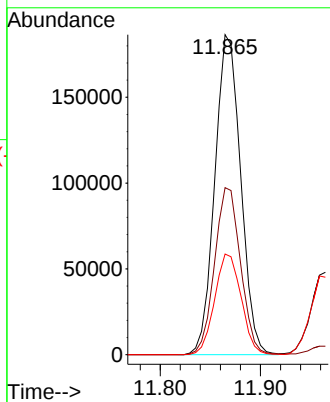
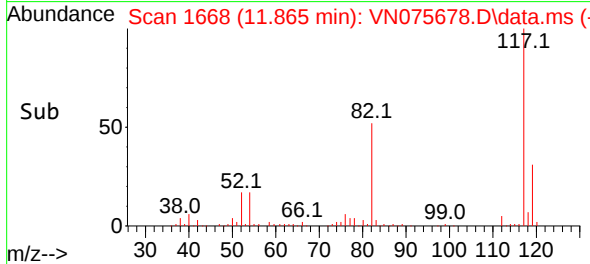
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 33408
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 31.4 25.8 38.6

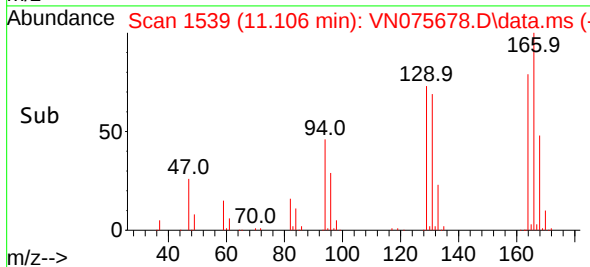
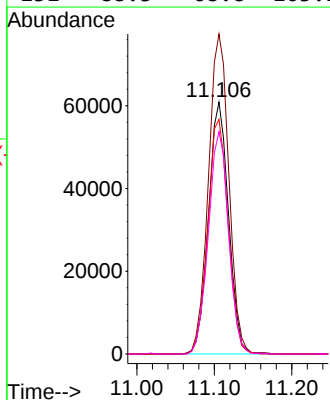
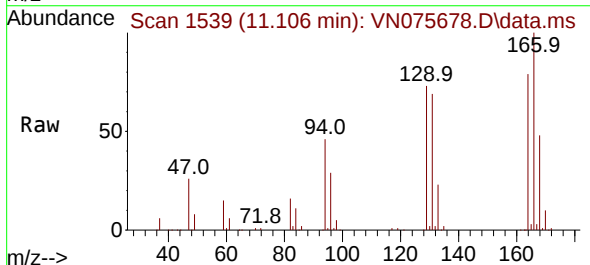
Manual Integrations
APPROVED

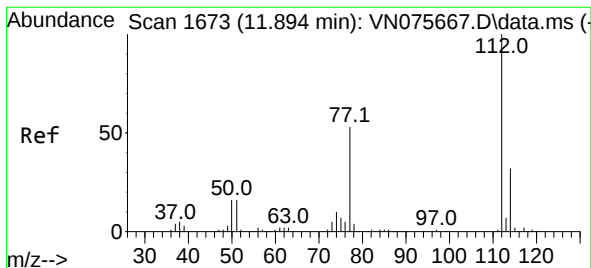
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#64
Tetrachloroethene
Concen: 45.311 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion:164 Resp: 110264
Ion Ratio Lower Upper
164 100
166 127.1 100.3 150.5
129 93.2 73.9 110.9
131 88.3 68.8 103.2





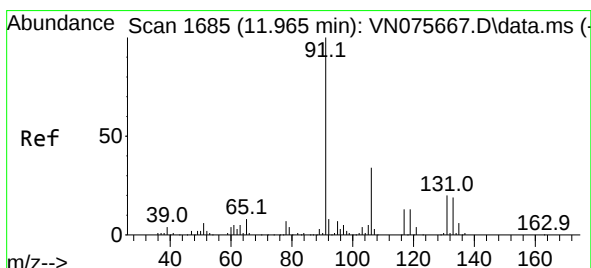
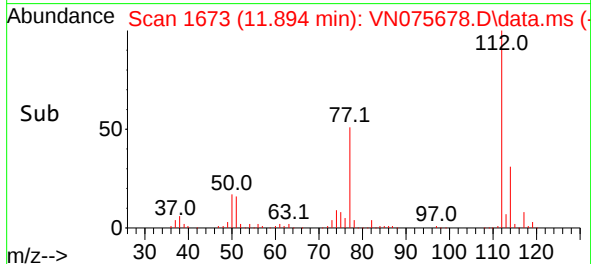
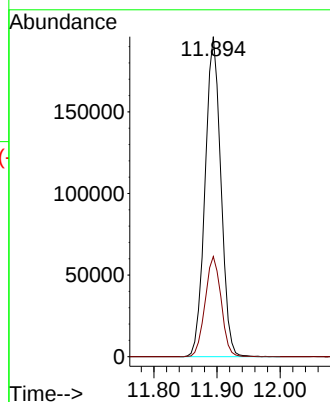
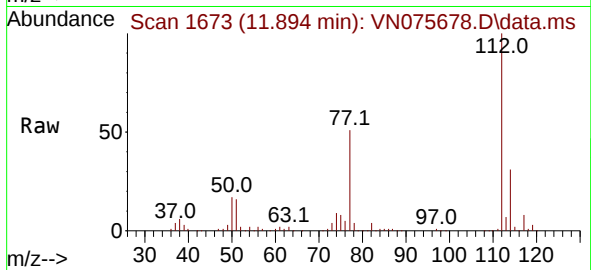
#65
Chlorobenzene
Concen: 49.508 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 340312
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

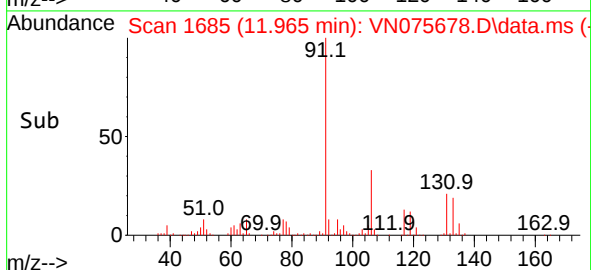
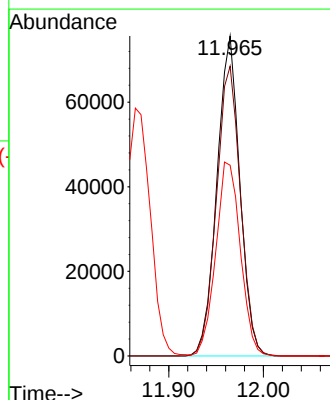
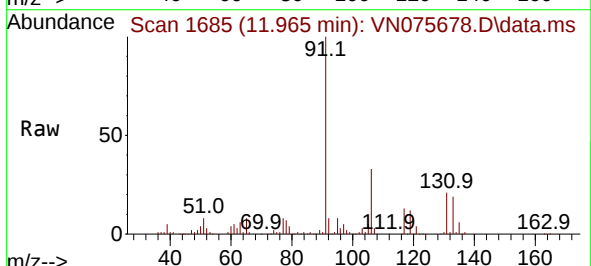
Manual Integrations
APPROVED

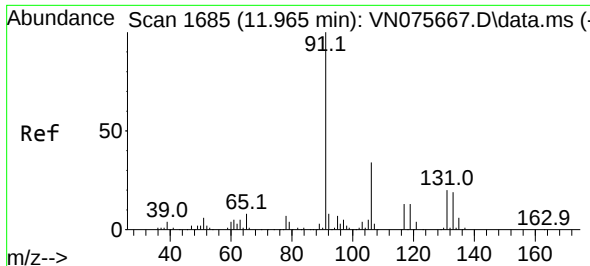
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.939 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion:131 Resp: 127395
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 65.1 32.5 97.4





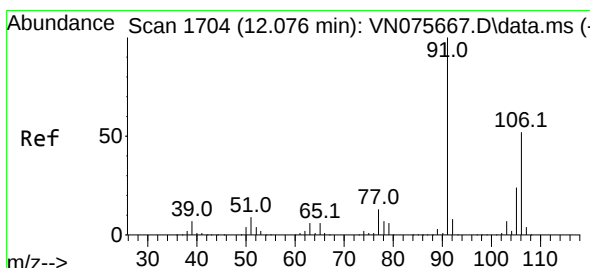
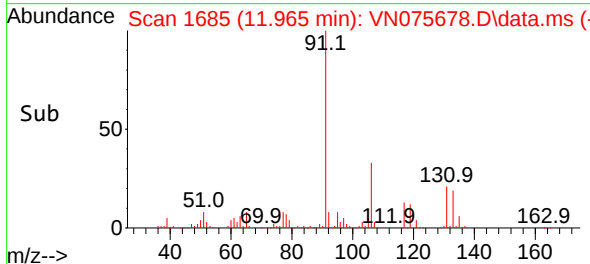
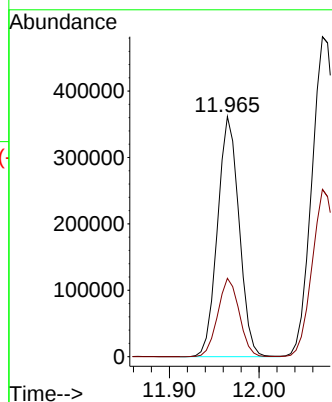
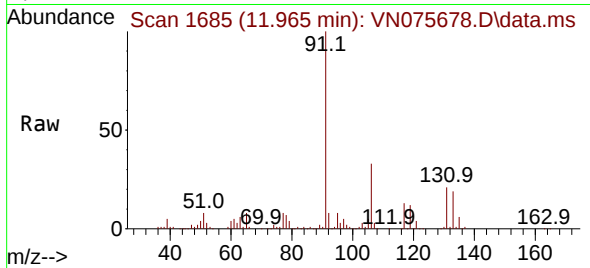
#67
Ethyl Benzene
Concen: 51.860 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 603064
Ion Ratio Lower Upper
91 100
106 32.6 26.9 40.3

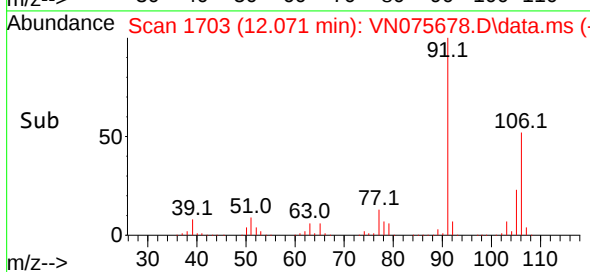
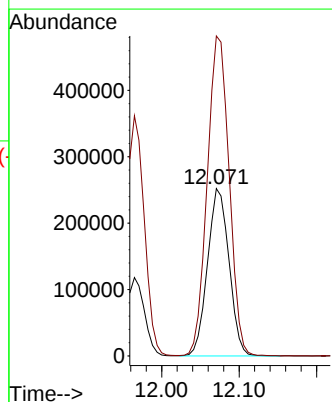
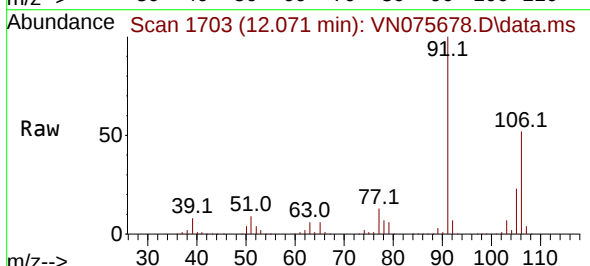
Manual Integrations
APPROVED

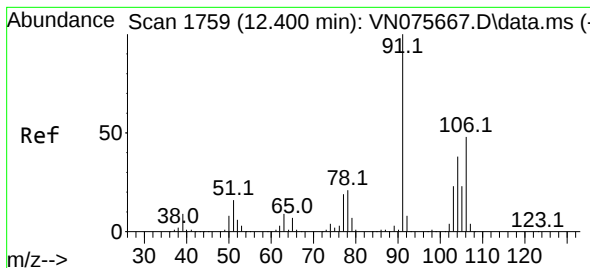
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#68
m/p-Xylenes
Concen: 103.467 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

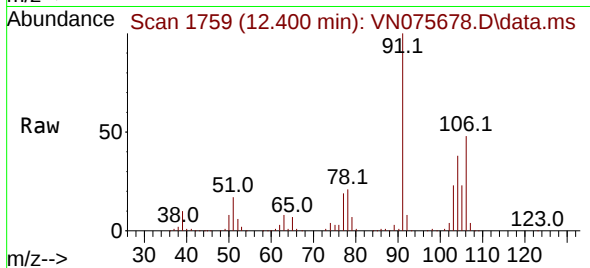
Tgt Ion:106 Resp: 486157
Ion Ratio Lower Upper
106 100
91 194.6 156.2 234.4





#69
o-Xylene
Concen: 52.311 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

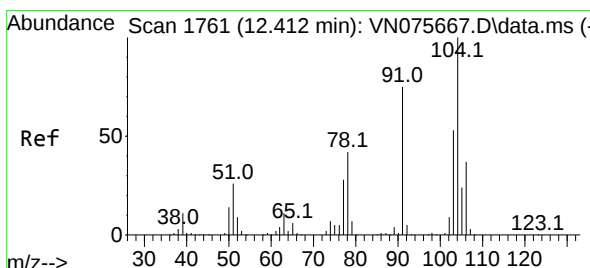
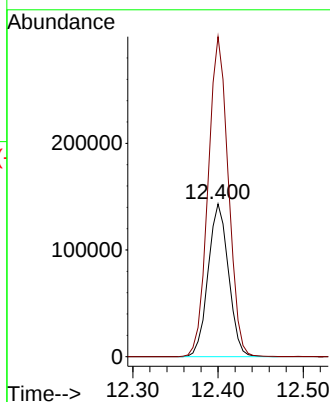
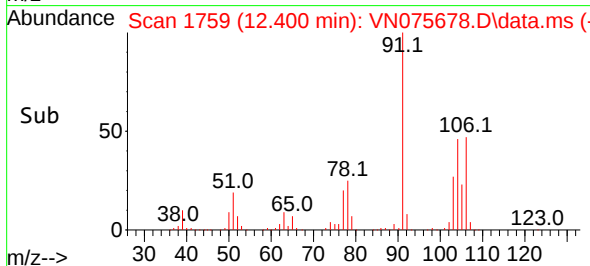
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



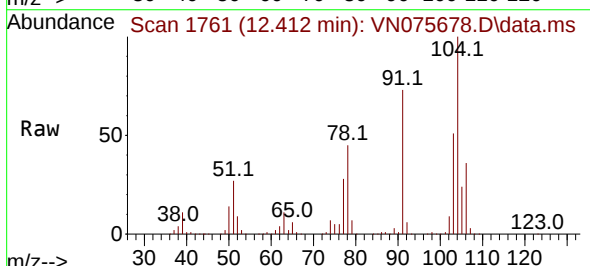
Tgt Ion:106 Resp: 23851
Ion Ratio Lower Upper
106 100
91 208.2 102.8 308.5

Manual Integrations
APPROVED

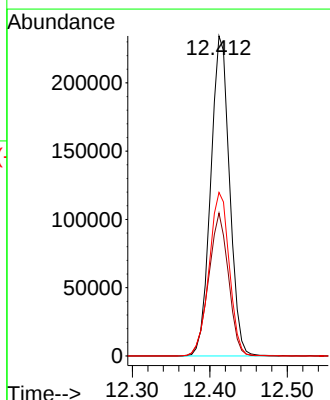
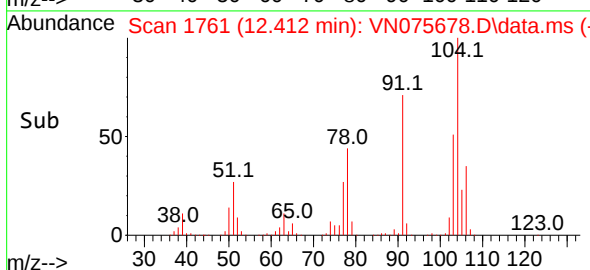
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

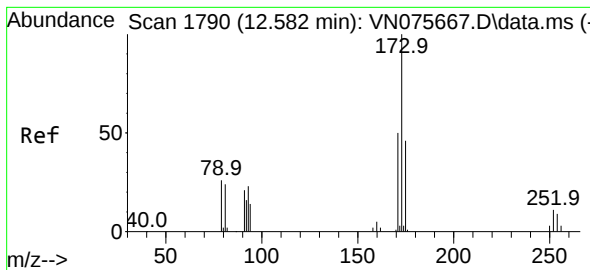


#70
Styrene
Concen: 54.162 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



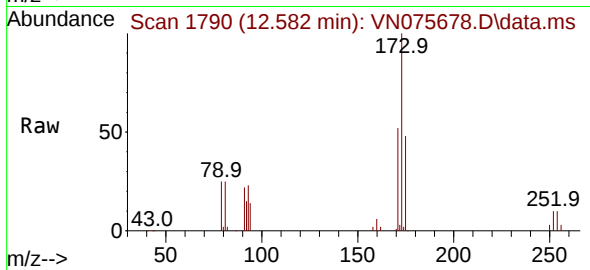
Tgt Ion:104 Resp: 396076
Ion Ratio Lower Upper
104 100
78 46.9 36.7 55.1
103 54.9 44.0 66.0





#71
Bromoform
Concen: 53.954 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

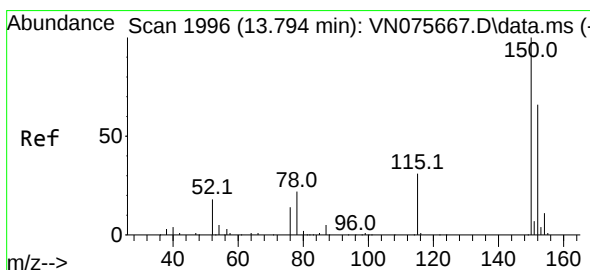
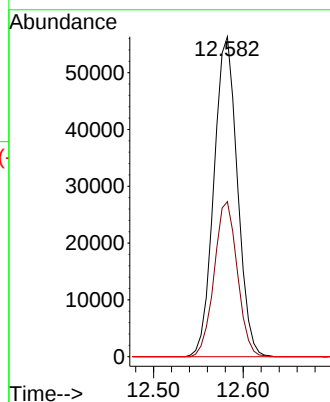
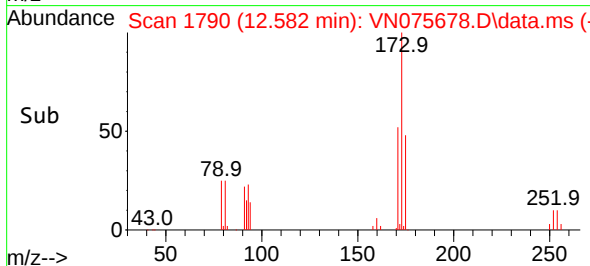
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



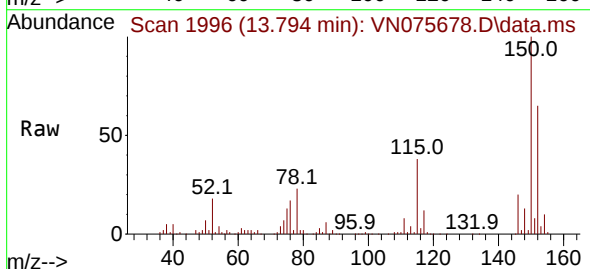
Tgt Ion:173 Resp: 102279
Ion Ratio Lower Upper
173 100
175 47.7 23.8 71.2
254 0.0 0.0 0.0

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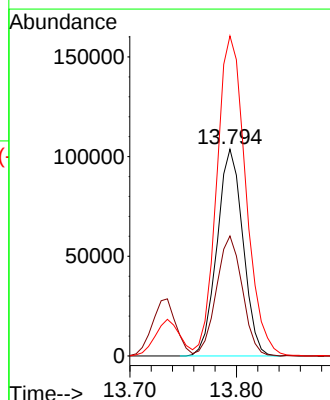
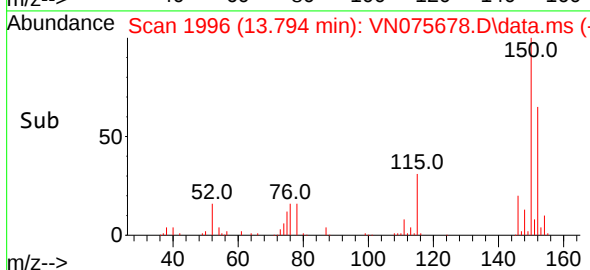
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

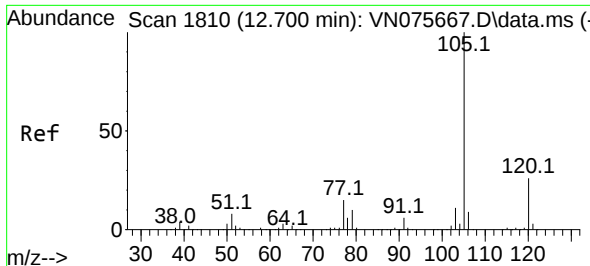


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion:152 Resp: 175340
Ion Ratio Lower Upper
152 100
115 58.0 28.4 85.2
150 172.9 0.0 347.6





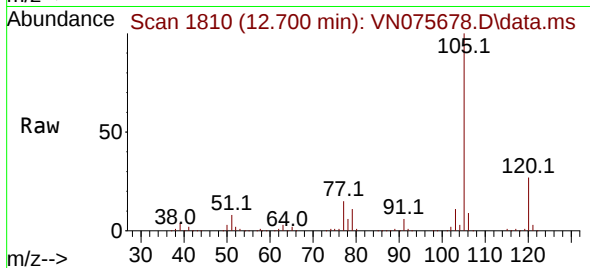
#73
Isopropylbenzene
Concen: 49.860 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

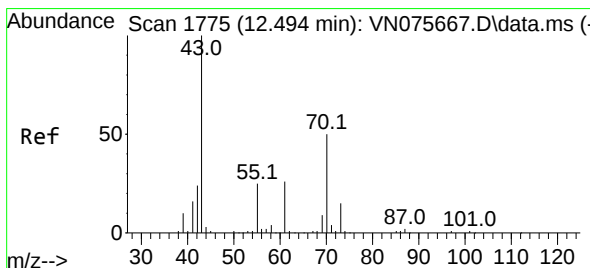
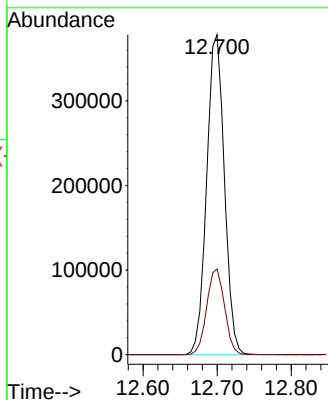
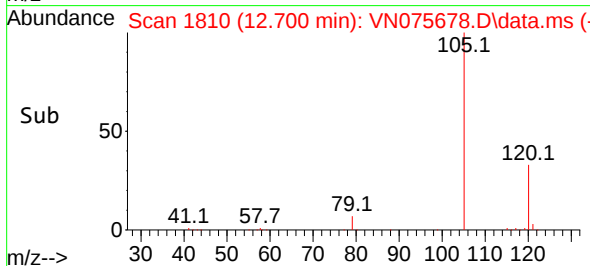


Tgt Ion:105 Resp: 627729
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

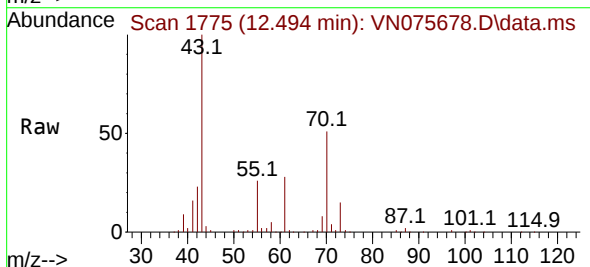
Manual Integrations

APPROVED

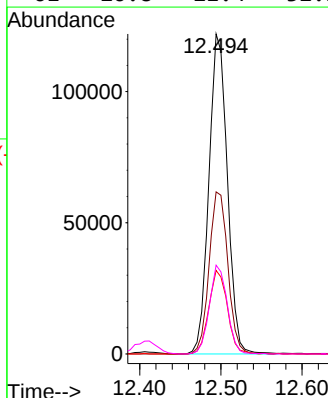
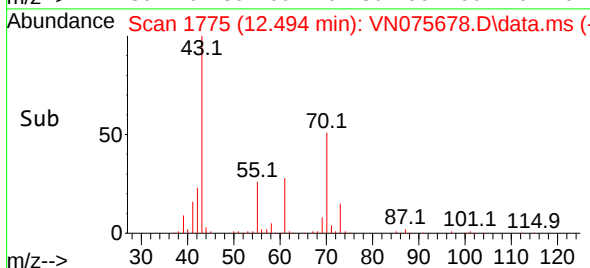
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

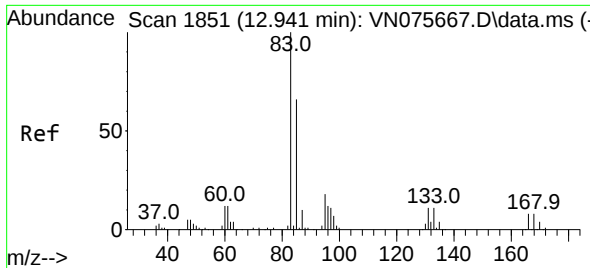


#74
N-ethyl acetate
Concen: 52.597 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



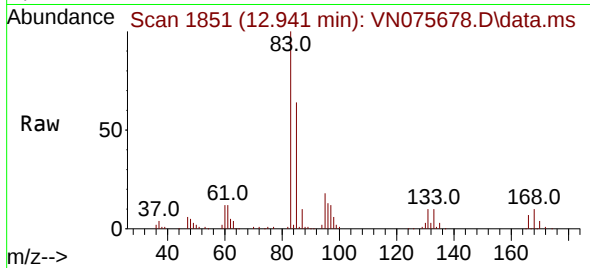
Tgt Ion: 43 Resp: 192401
Ion Ratio Lower Upper
43 100
70 51.5 41.0 61.6
55 26.2 20.7 31.1
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.234 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

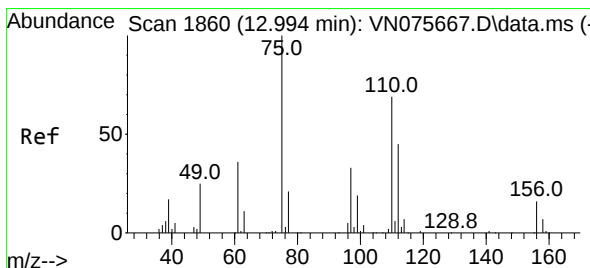
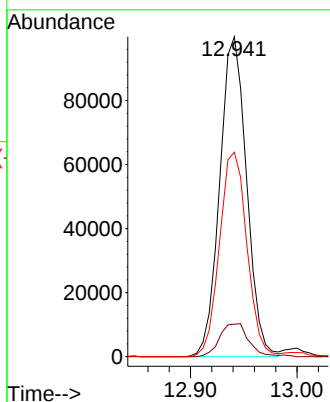
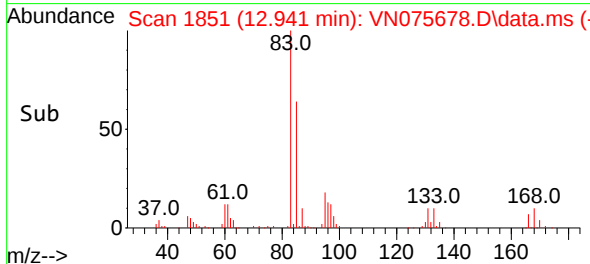
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



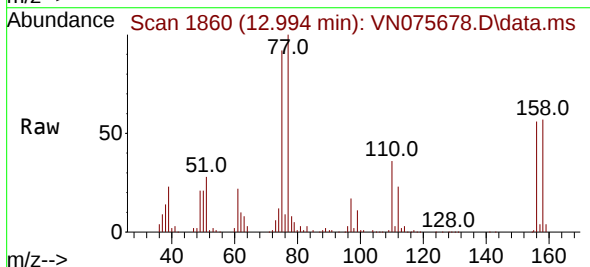
Tgt Ion: 83 Resp: 17485
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 65.2 32.6 97.7

Manual Integrations
APPROVED

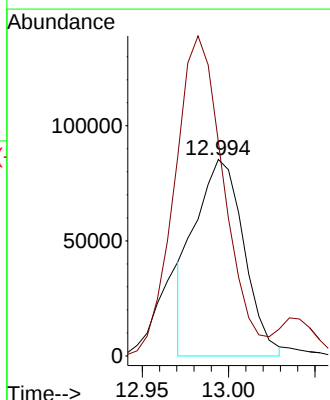
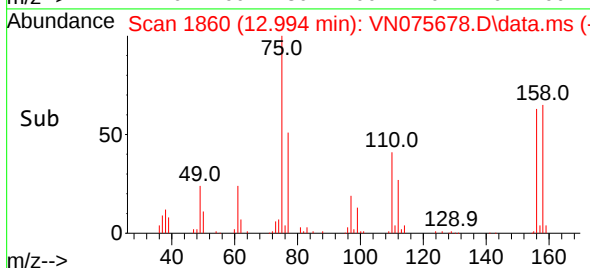
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

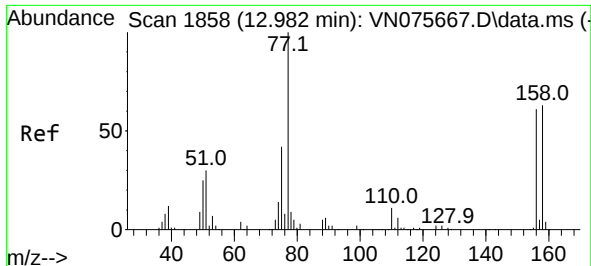


#76
1,2,3-Trichloropropane
Concen: 47.822 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



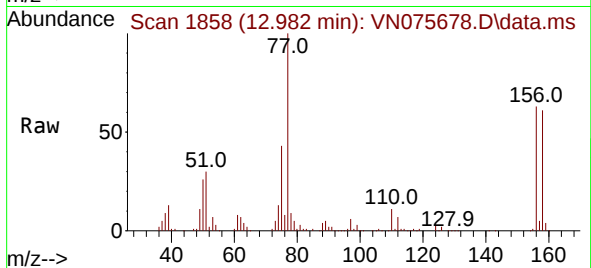
Tgt Ion: 75 Resp: 168393
Ion Ratio Lower Upper
75 100
77 164.8 81.8 245.4





#77
Bromobenzene
Concen: 48.321 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

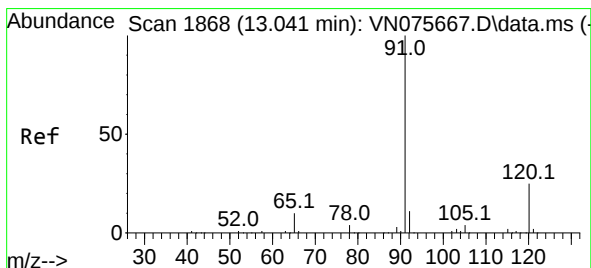
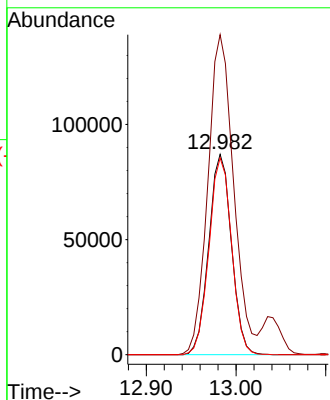
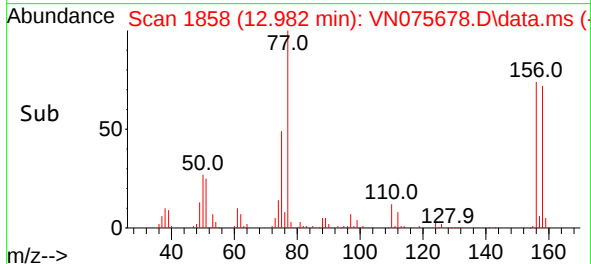
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



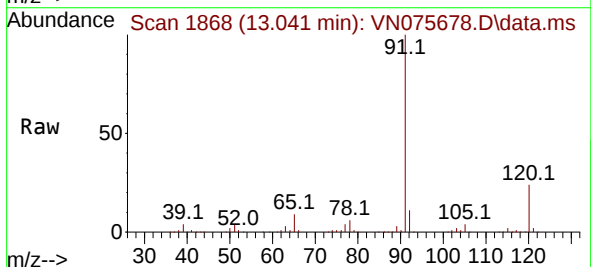
Tgt Ion:156 Resp: 152989
Ion Ratio Lower Upper
156 100
77 181.4 90.8 272.5
158 97.7 49.3 147.8

Manual Integrations
APPROVED

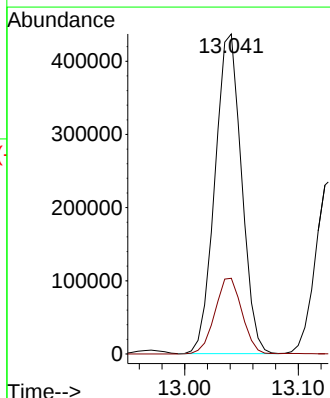
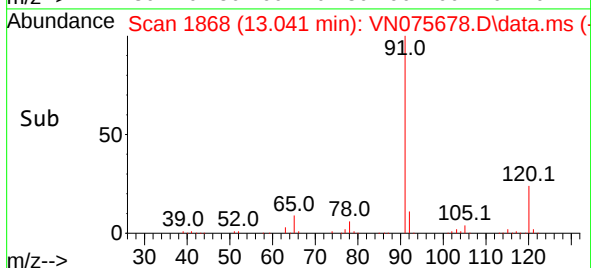
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

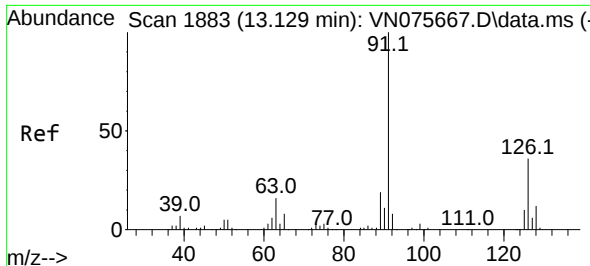


#78
n-propylbenzene
Concen: 50.972 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion: 91 Resp: 712090
Ion Ratio Lower Upper
91 100
120 24.1 12.1 36.3





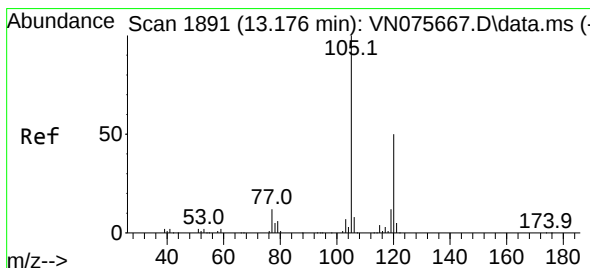
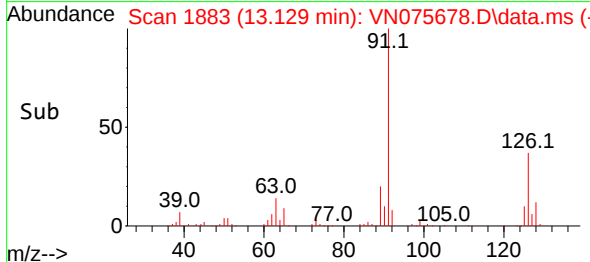
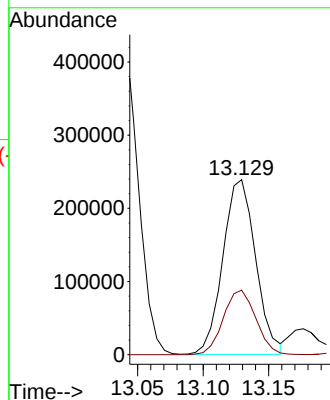
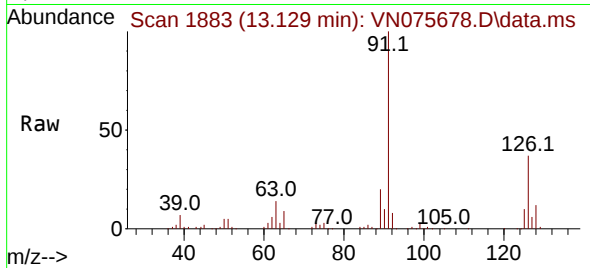
#79
2-Chlorotoluene
Concen: 48.187 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 41560
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.4

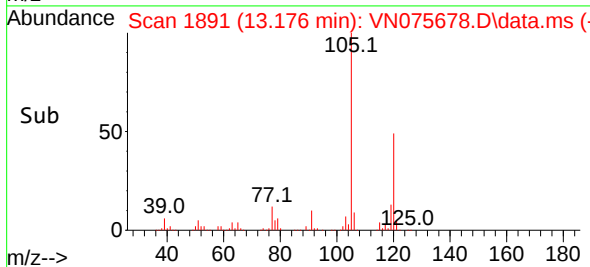
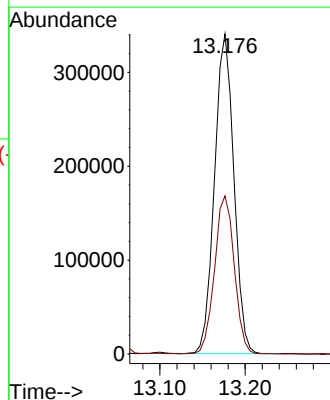
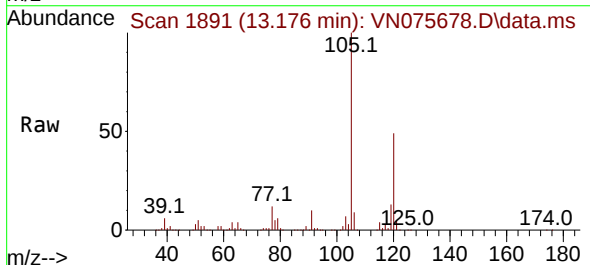
Manual Integrations
APPROVED

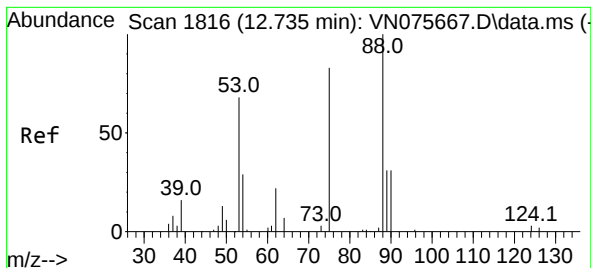
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.071 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

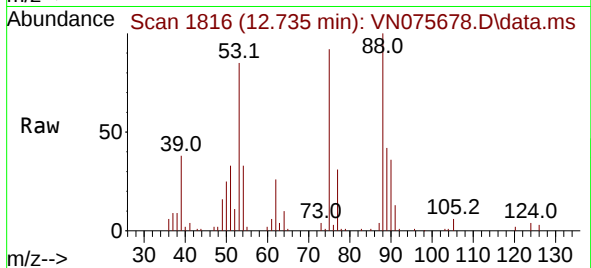
Tgt Ion:105 Resp: 537551
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.176 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

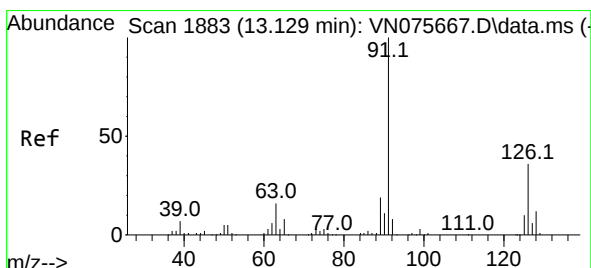
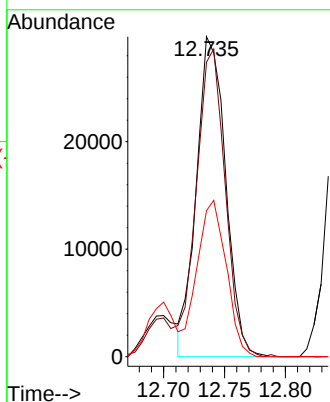
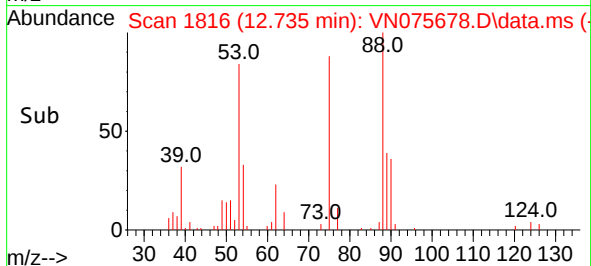
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4967
Ion Ratio Lower Upper
75 100
53 96.3 72.4 108.6
89 49.3 36.6 55.0

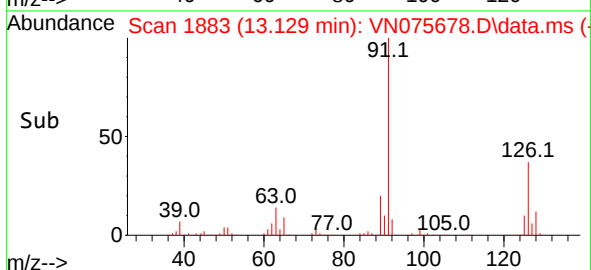
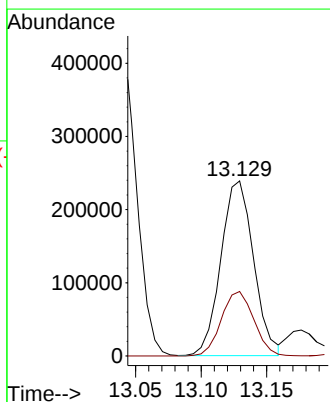
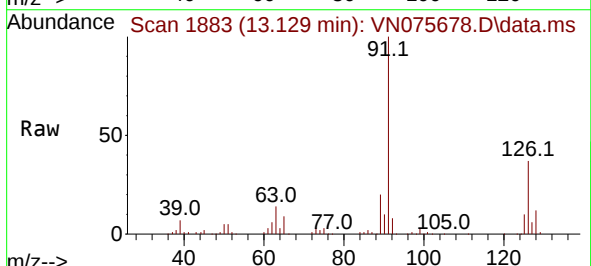
Manual Integrations
APPROVED

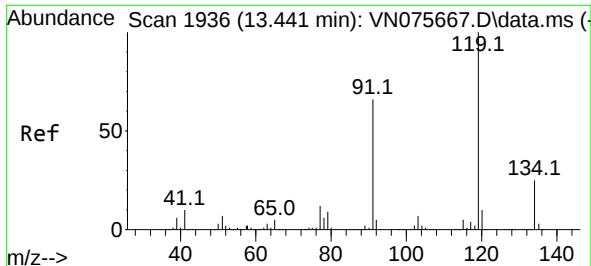
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 48.187 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

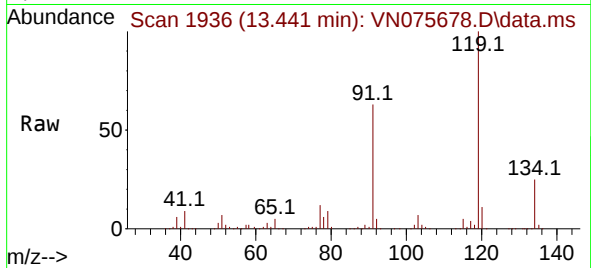
Tgt Ion: 91 Resp: 415607
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.4





#83
tert-Butylbenzene
Concen: 50.121 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

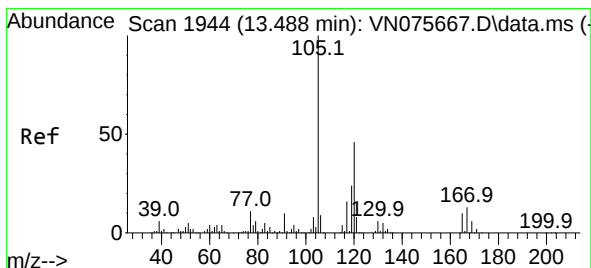
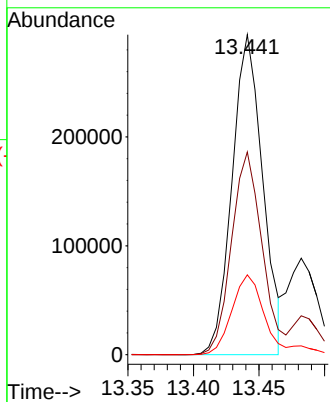
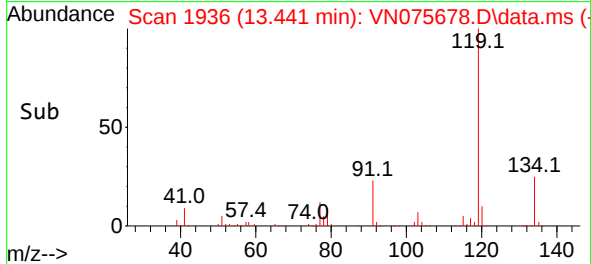
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



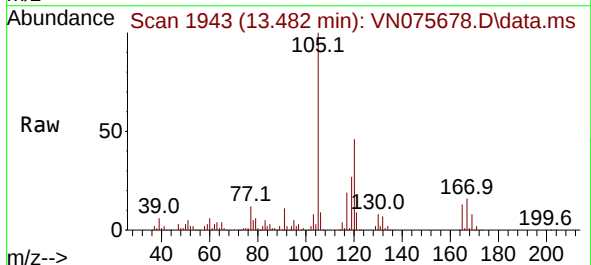
Tgt Ion:119 Resp: 47841
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.9
134 27.7 13.9 41.7

Manual Integrations
APPROVED

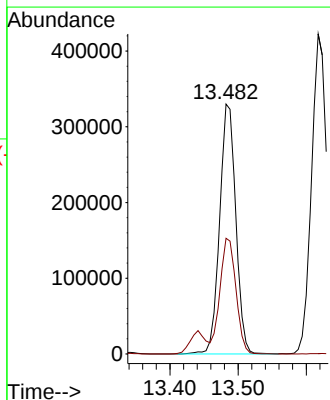
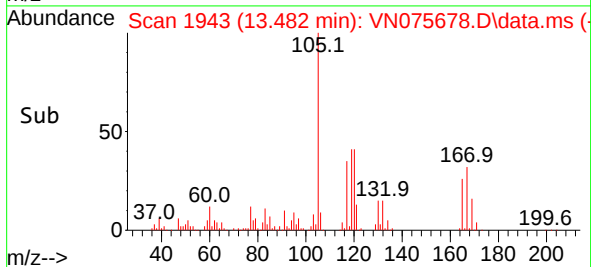
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

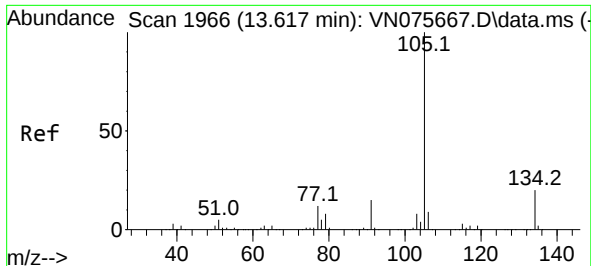


#84
1,2,4-Trimethylbenzene
Concen: 51.470 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion:105 Resp: 544500
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2





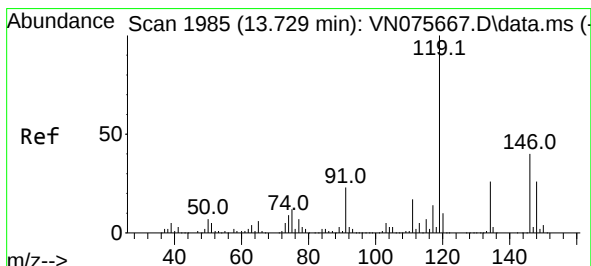
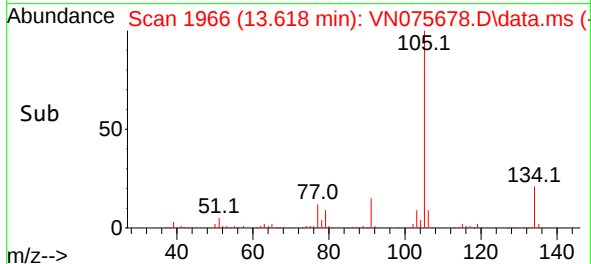
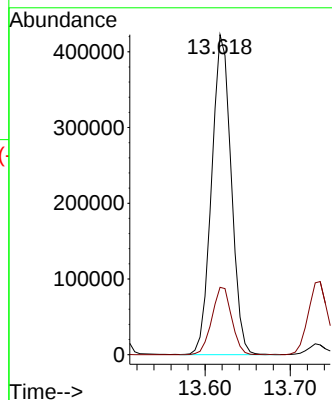
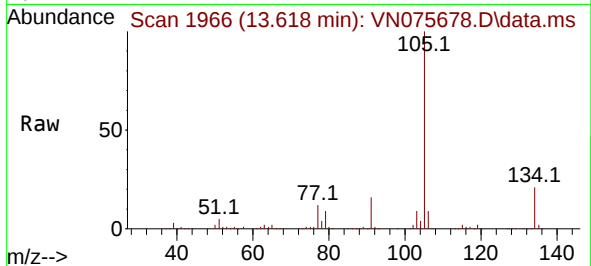
#85
 sec-Butylbenzene
 Concen: 51.403 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075678.D
 Acq: 09 Dec 2022 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 674528
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6

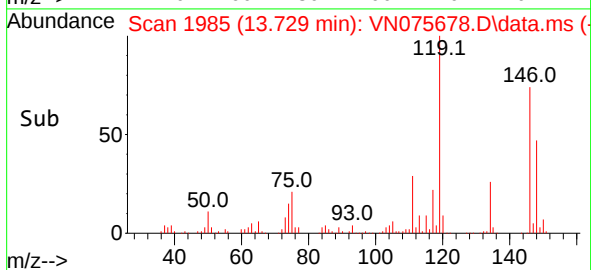
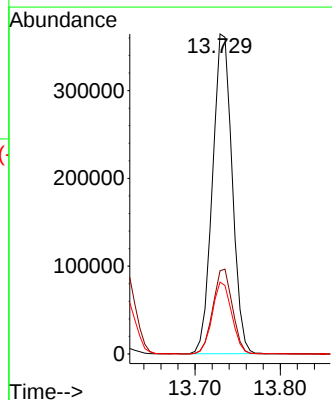
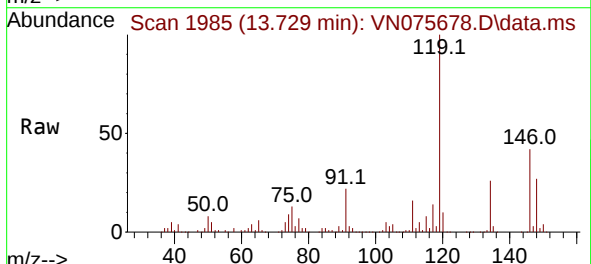
Manual Integrations
 APPROVED

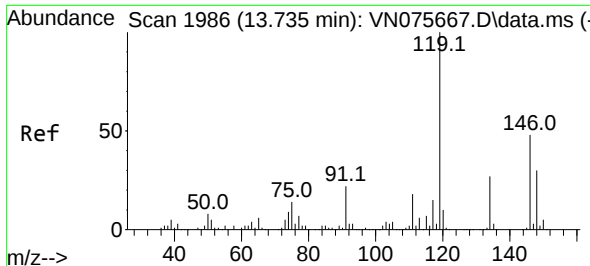
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#86
 p-Isopropyltoluene
 Concen: 53.082 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075678.D
 Acq: 09 Dec 2022 19:43

Tgt Ion:119 Resp: 582825
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.460 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

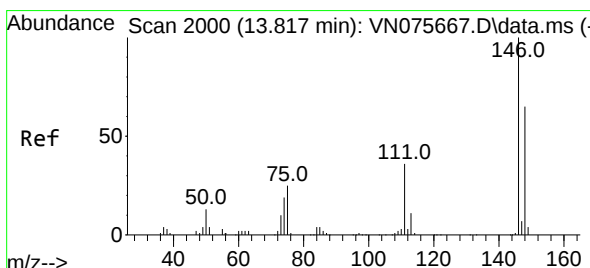
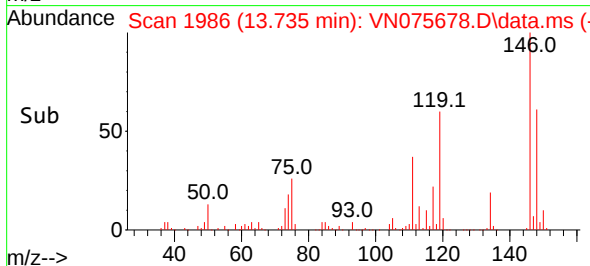
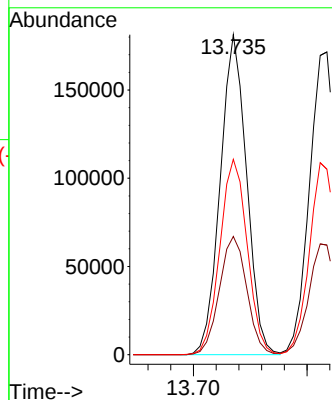
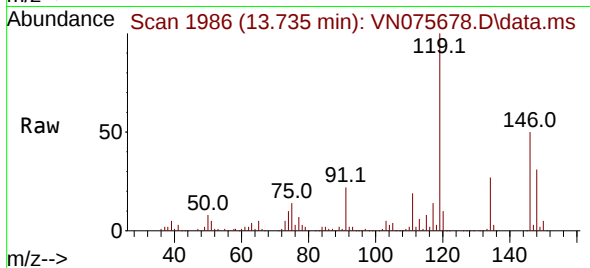
Tgt Ion:146 Resp: 29285
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.8 59.3
 148 63.3 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#88

1,4-Dichlorobenzene

Concen: 48.479 ug/l

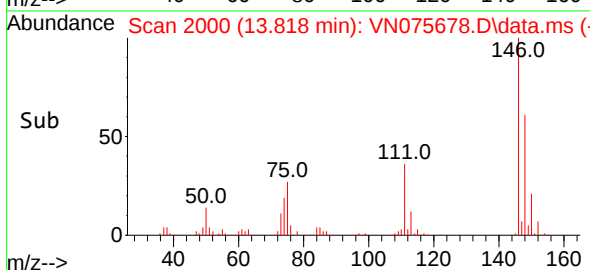
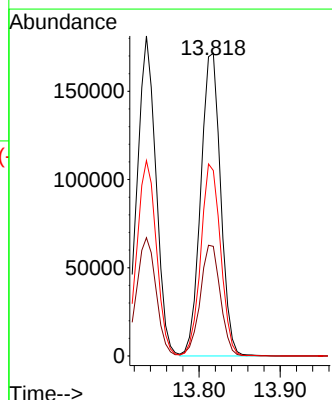
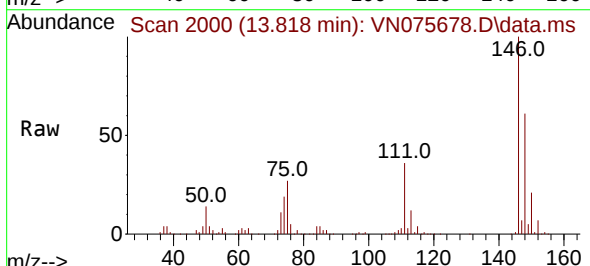
RT: 13.818 min Scan# 2000

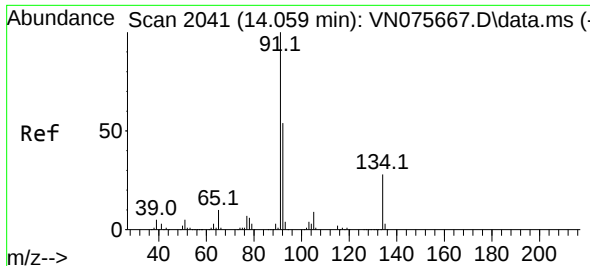
Delta R.T. 0.000 min

Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Tgt Ion:146 Resp: 291973
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.1
 148 63.2 32.1 96.3





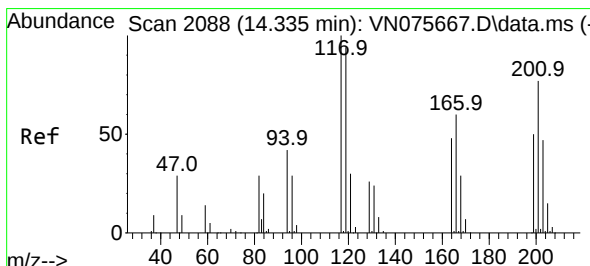
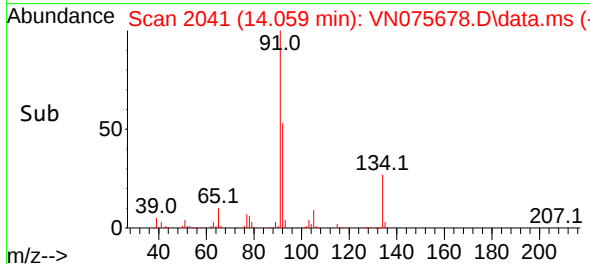
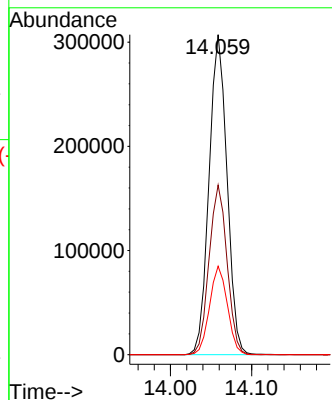
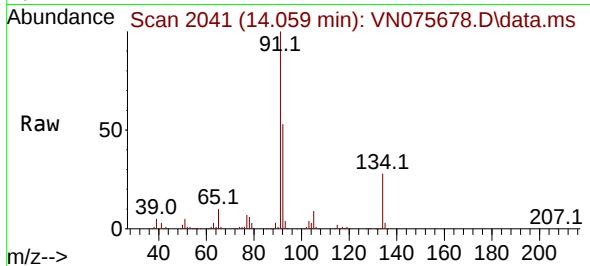
#89
n-Butylbenzene
Concen: 53.608 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 47175
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 27.4 13.9 41.7

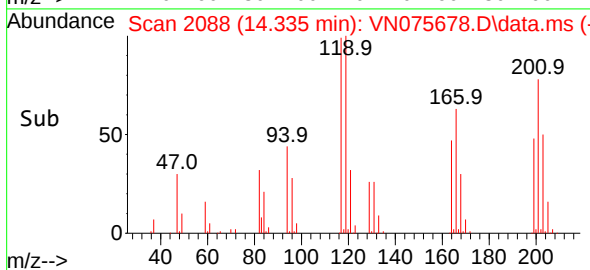
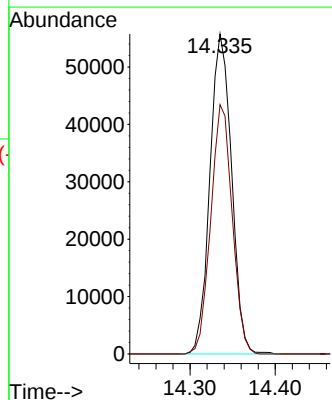
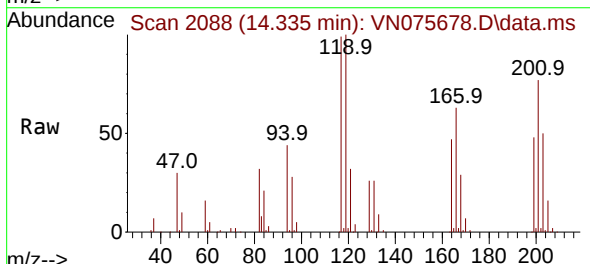
Manual Integrations
APPROVED

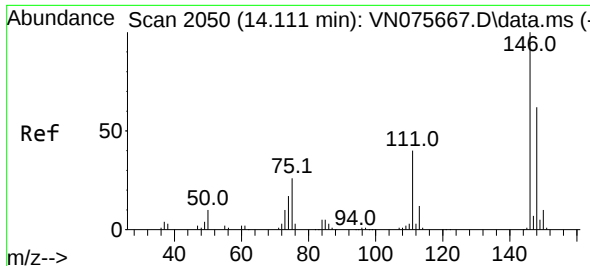
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#90
Hexachloroethane
Concen: 52.325 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

Tgt Ion:117 Resp: 98407
Ion Ratio Lower Upper
117 100
201 77.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 48.324 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075678.D

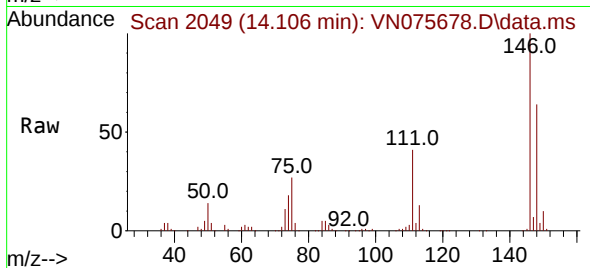
Acq: 09 Dec 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 284715

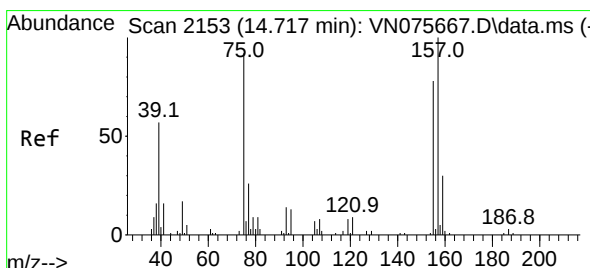
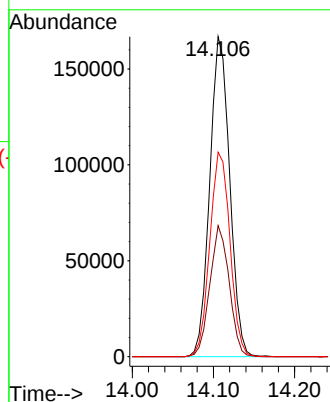
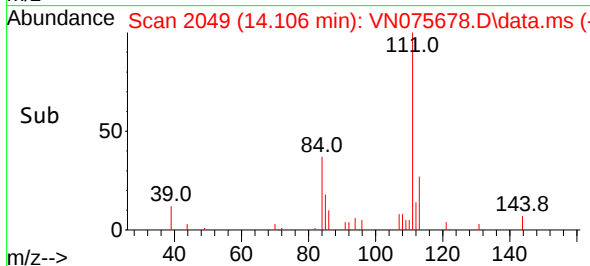
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.3
148	64.8	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.094 ug/l

RT: 14.723 min Scan# 2154

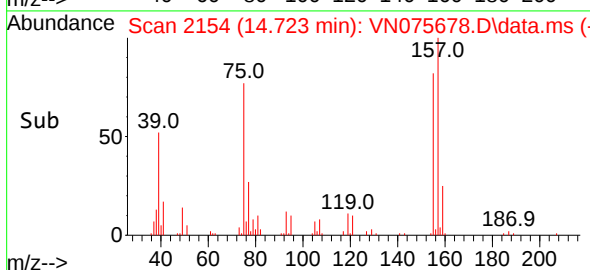
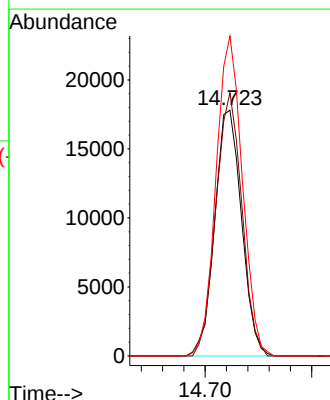
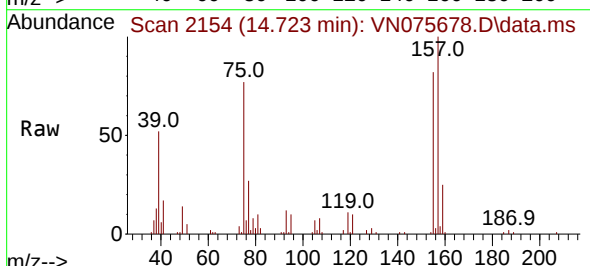
Delta R.T. 0.006 min

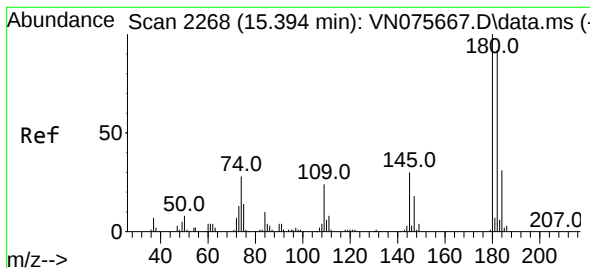
Lab File: VN075678.D

Acq: 09 Dec 2022 19:43

Tgt Ion: 75 Resp: 31131

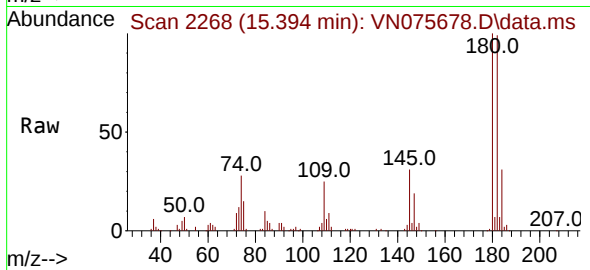
Ion	Ratio	Lower	Upper
75	100		
155	103.6	48.4	145.2
157	127.5	63.5	190.6





#93
1,2,4-Trichlorobenzene
Concen: 54.081 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

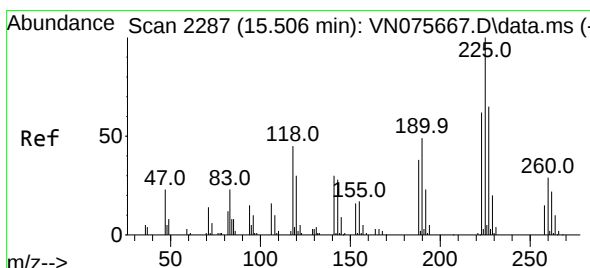
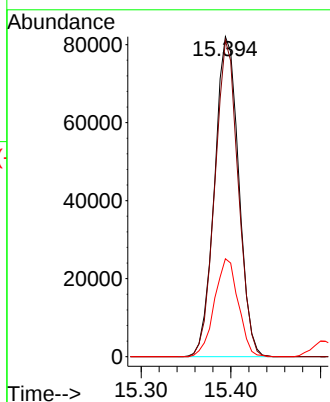
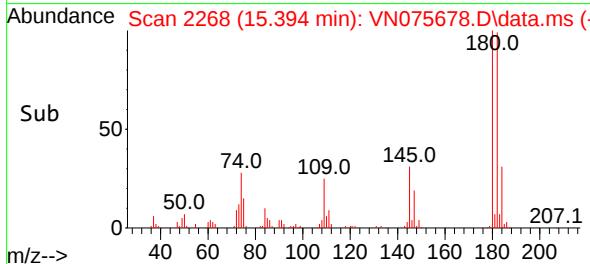
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 152978
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 30.2 15.2 45.5

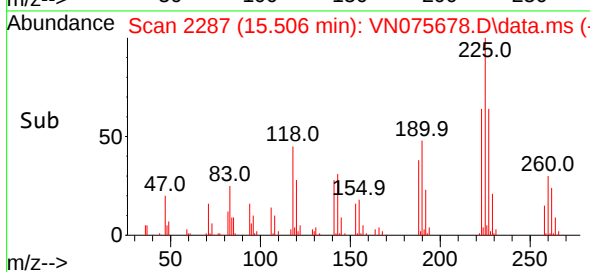
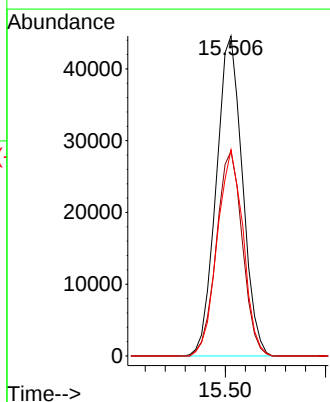
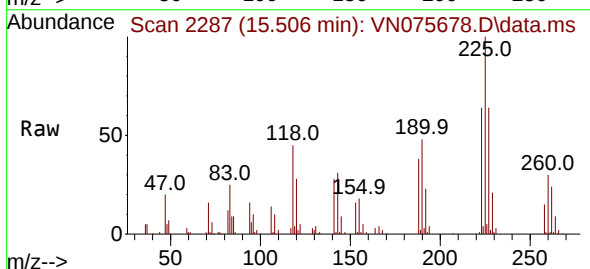
Manual Integrations
APPROVED

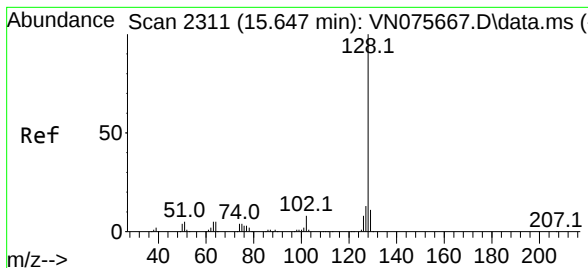
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#94
Hexachlorobutadiene
Concen: 50.417 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

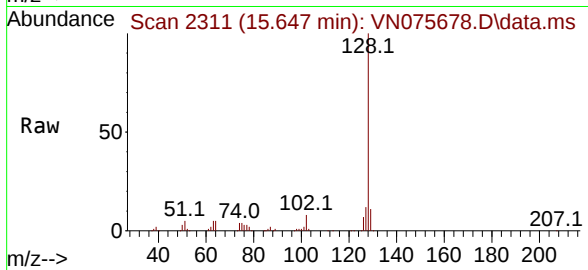
Tgt Ion:225 Resp: 80916
Ion Ratio Lower Upper
225 100
223 63.5 31.4 94.2
227 63.8 31.3 93.9





#95
Naphthalene
Concen: 52.256 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43

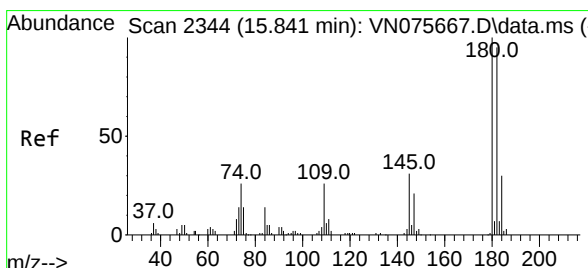
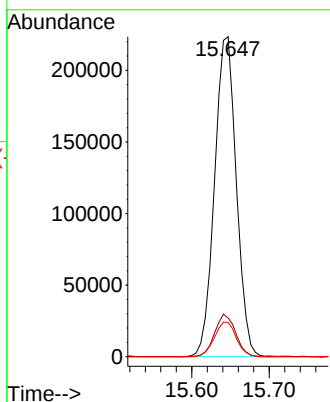
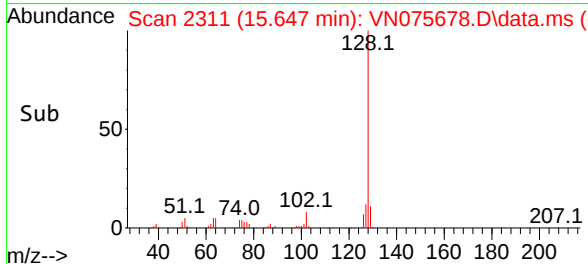
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



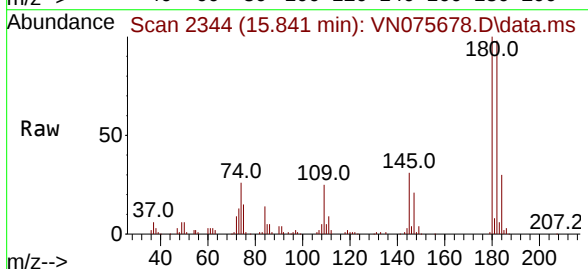
Tgt Ion:128 Resp: 436870
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carbone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.288 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075678.D
Acq: 09 Dec 2022 19:43



Tgt Ion:180 Resp: 148113
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.4
145 31.9 15.6 46.8

