

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075705.D
 Acq On : 12 Dec 2022 11:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 01:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	221760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	327494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124340	52.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	8.171	113	115159	53.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	10.571	98	444183	55.428	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.860%			
62) 4-Bromofluorobenzene	12.853	95	155007	56.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	73831	45.267	ug/l	98
3) Chloromethane	2.371	50	87413	44.983	ug/l	95
4) Vinyl Chloride	2.530	62	108544	45.473	ug/l	100
5) Bromomethane	2.942	94	93237	45.862	ug/l	97
6) Chloroethane	3.118	64	80880	45.413	ug/l	100
7) Trichlorofluoromethane	3.507	101	166034	47.941	ug/l	100
8) Diethyl Ether	3.971	74	64171	50.683	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	98619	48.521	ug/l	99
10) Methyl Iodide	4.601	142	165054	49.694	ug/l	99
11) Tert butyl alcohol	5.536	59	77244	221.909	ug/l	100
12) 1,1-Dichloroethene	4.354	96	94950	49.980	ug/l	99
13) Acrolein	4.189	56	115970	289.276	ug/l	100
14) Allyl chloride	5.042	41	121046	51.165	ug/l	94
15) Acrylonitrile	5.730	53	217383	241.773	ug/l	99
16) Acetone	4.436	43	217324	272.735	ug/l	100
17) Carbon Disulfide	4.724	76	244422	48.623	ug/l	100
18) Methyl Acetate	5.036	43	112388	43.893	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	324753	50.818	ug/l	99
20) Methylene Chloride	5.289	84	111815	47.071	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	105526	49.705	ug/l	90
22) Diisopropyl ether	6.677	45	285442	53.028	ug/l	98
23) Vinyl Acetate	6.612	43	1092801m	266.240	ug/l	
24) 1,1-Dichloroethane	6.577	63	181192	51.137	ug/l	98
25) 2-Butanone	7.489	43	288577	247.736	ug/l	95
26) 2,2-Dichloropropane	7.500	77	157067	51.976	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	129584	50.277	ug/l	98
28) Bromochloromethane	7.818	49	75032	52.963	ug/l	99
29) Tetrahydrofuran	7.842	42	179411	249.883	ug/l	99
30) Chloroform	7.971	83	202441	51.582	ug/l	97
31) Cyclohexane	8.259	56	155120	44.527	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	182693	50.456	ug/l	100
36) 1,1-Dichloropropene	8.377	75	146045	51.543	ug/l	99
37) Ethyl Acetate	7.565	43	109779	48.256	ug/l	97
38) Carbon Tetrachloride	8.365	117	167768	51.310	ug/l	95
39) Methylcyclohexane	9.606	83	192324	53.528	ug/l	99
40) Benzene	8.612	78	452297	52.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	57754	49.511	ug/l	98
42) 1,2-Dichloroethane	8.677	62	150609	51.775	ug/l	98
43) Isopropyl Acetate	8.694	43	195803	51.555	ug/l	98
44) Trichloroethene	9.359	130	124652	50.813	ug/l	97
45) 1,2-Dichloropropane	9.624	63	109775	53.079	ug/l	99
46) Dibromomethane	9.712	93	82266	52.982	ug/l	99
47) Bromodichloromethane	9.888	83	163529	53.715	ug/l	95
48) Methyl methacrylate	9.683	41	90379	51.669	ug/l	99
49) 1,4-Dioxane	9.700	88	43009	1011.500	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	595866	254.441	ug/l	100
52) Toluene	10.630	92	309027	53.766	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	171167	56.928	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	186148	55.646	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	117911	52.176	ug/l	99
56) Ethyl methacrylate	10.877	69	165520	54.054	ug/l	99
57) 1,3-Dichloropropane	11.165	76	191828	52.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	258487	285.902	ug/l	98
59) 2-Hexanone	11.200	43	443712	260.791	ug/l	99
60) Dibromochloromethane	11.365	129	136254	54.792	ug/l	100
61) 1,2-Dibromoethane	11.471	107	122016	51.535	ug/l	99
64) Tetrachloroethene	11.106	164	111124	46.584	ug/l	99
65) Chlorobenzene	11.894	112	336082	49.877	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	124871	50.935	ug/l	98
67) Ethyl Benzene	11.965	91	596416	52.321	ug/l	97
68) m/p-Xylenes	12.071	106	482565	104.770	ug/l	99
69) o-Xylene	12.400	106	236388	52.888	ug/l	99
70) Styrene	12.412	104	393434	54.884	ug/l	99
71) Bromoform	12.582	173	99991	53.809	ug/l #	99
73) Isopropylbenzene	12.700	105	611672	49.656	ug/l	99
74) N-amyl acetate	12.494	43	178377	49.838	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	166728	45.057	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	145962m	42.365	ug/l	
77) Bromobenzene	12.982	156	152525	49.236	ug/l	97
78) n-propylbenzene	13.041	91	708717	51.848	ug/l	99
79) 2-Chlorotoluene	13.129	91	413117	48.954	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	525601	51.036	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	50682	48.039	ug/l	99
82) 4-Chlorotoluene	13.129	91	413117	48.954	ug/l	99
83) tert-Butylbenzene	13.441	119	453508	48.559	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	531076	51.308	ug/l	100
85) sec-Butylbenzene	13.618	105	653817	50.923	ug/l	99
86) p-Isopropyltoluene	13.735	119	572868	53.325	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	288345	49.772	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	289209	49.078	ug/l	99
89) n-Butylbenzene	14.059	91	475758	55.254	ug/l	100
90) Hexachloroethane	14.335	117	97217	52.832	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	282544	49.012	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29773	48.965	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	151504	54.740	ug/l	100
94) Hexachlorobutadiene	15.506	225	79119	50.384	ug/l	99
95) Naphthalene	15.647	128	409468	50.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141557	52.052	ug/l	98

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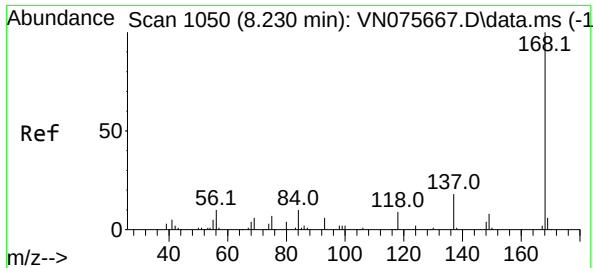
Manual Integrations
APPROVED

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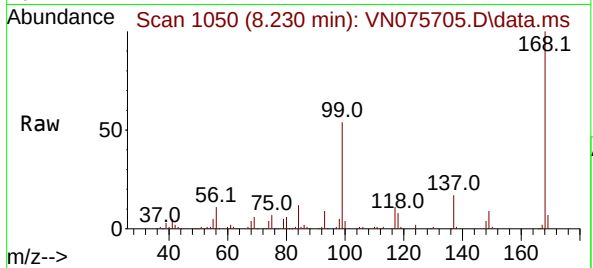
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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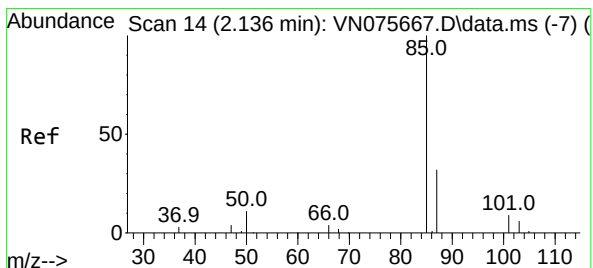
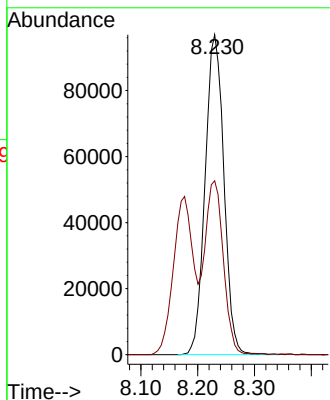
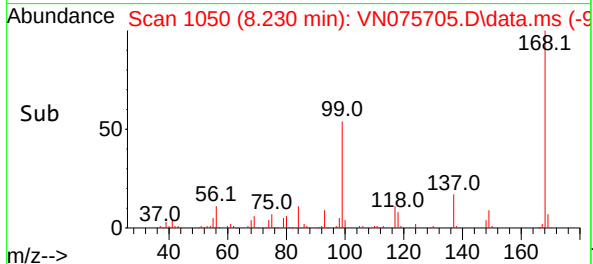
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 221760
Ion Ratio Lower Upper
168 100
99 54.2 41.2 61.8

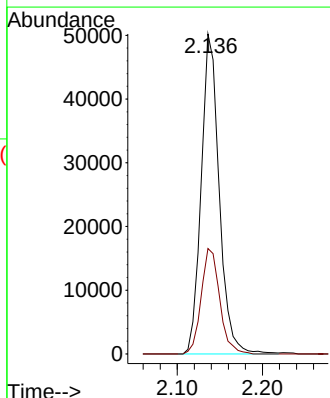
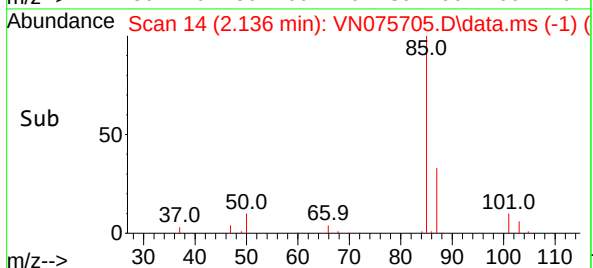
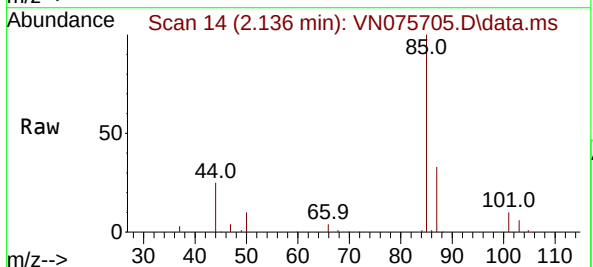
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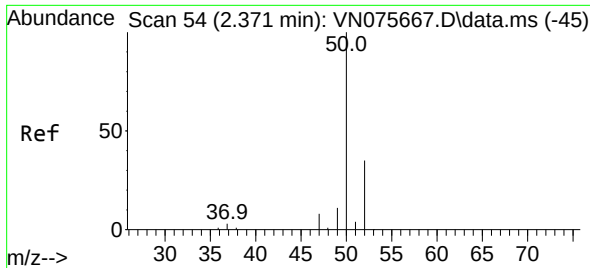
Reviewed By :John Carlone 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 45.267 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion: 85 Resp: 73831
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





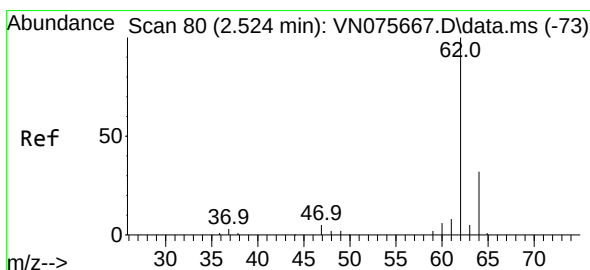
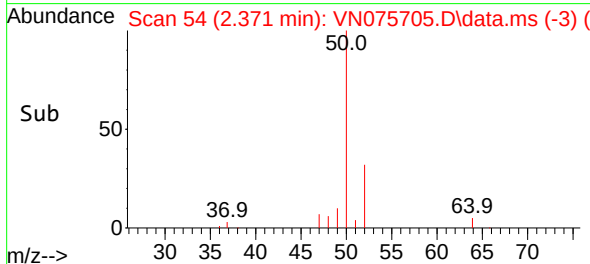
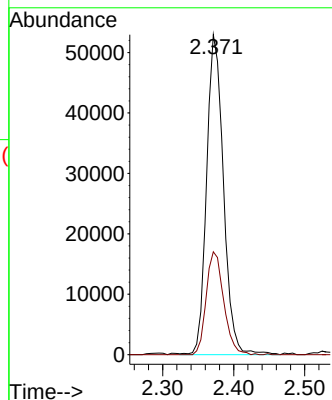
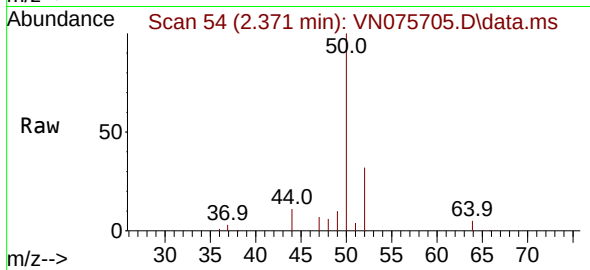
#3
Chloromethane
Concen: 44.983 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

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Tgt Ion: 50 Resp: 8741
Ion Ratio Lower Upper
50 100
52 32.2 27.9 41.9

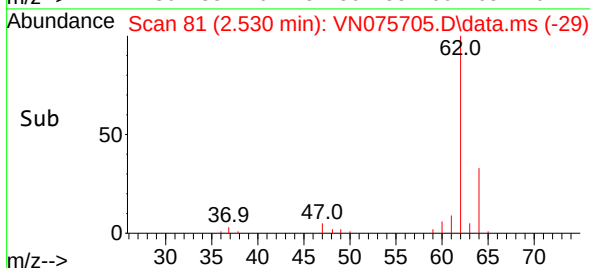
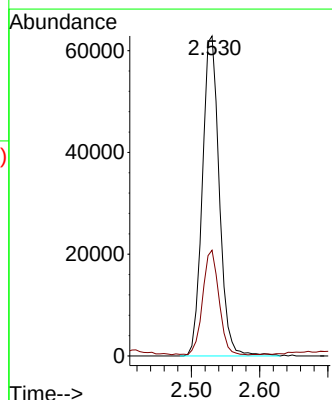
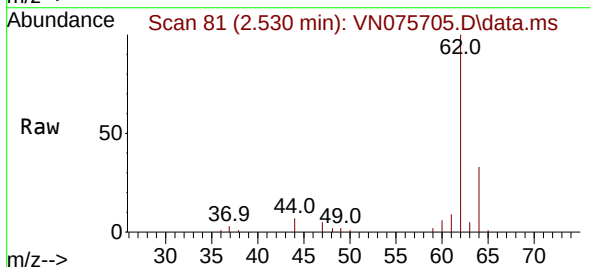
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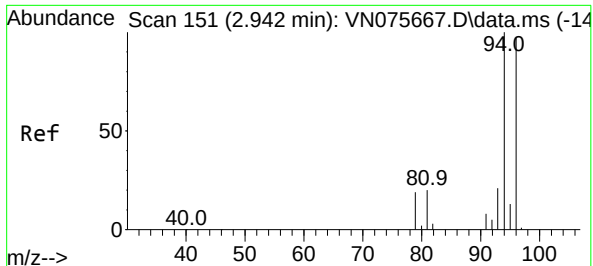
Reviewed By :John Carlone 12/13/2022
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#4
Vinyl Chloride
Concen: 45.473 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

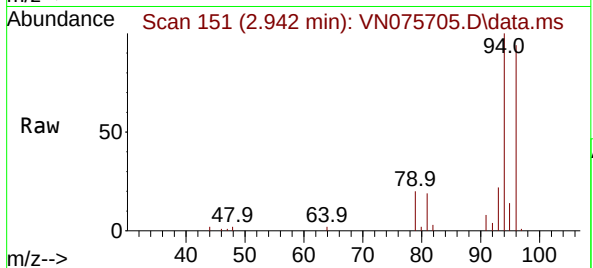
Tgt Ion: 62 Resp: 108544
Ion Ratio Lower Upper
62 100
64 32.6 25.9 38.9





#5
Bromomethane
Concen: 45.862 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075705.D
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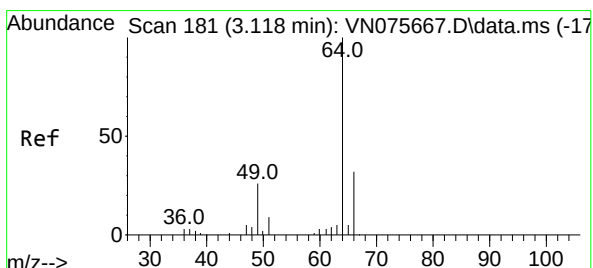
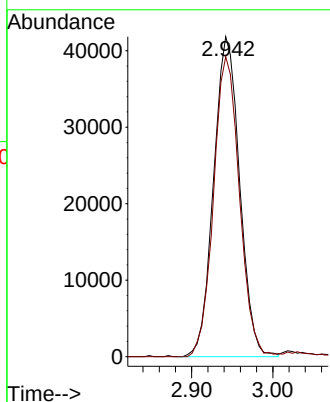
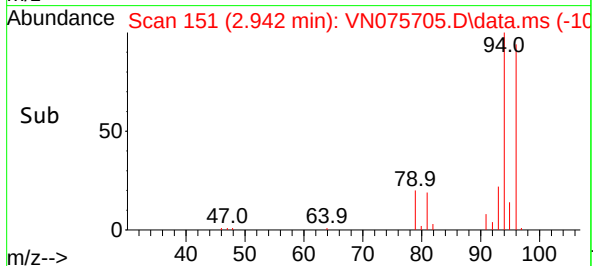
Instrument :
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Tgt Ion: 94 Resp: 9323
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

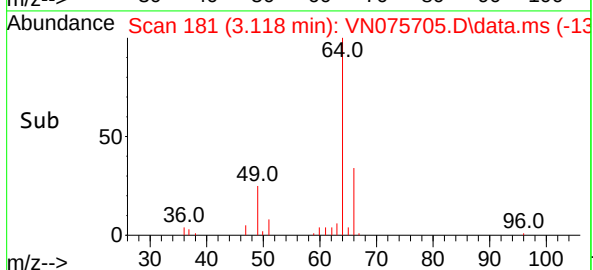
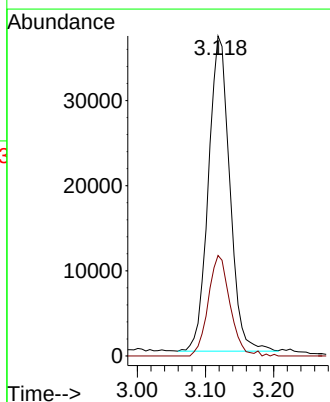
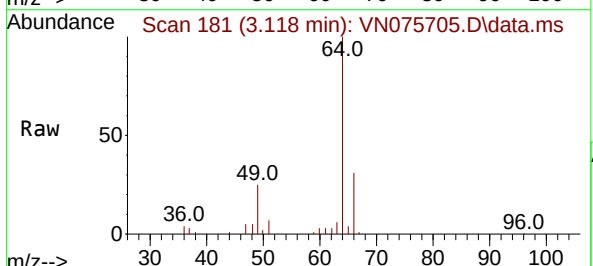
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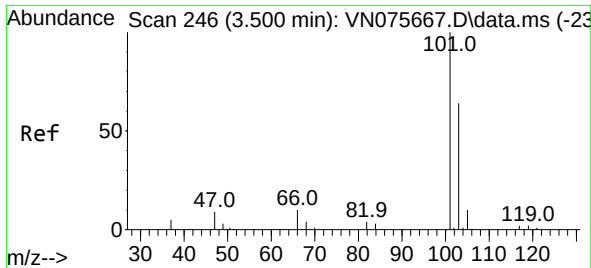
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 45.413 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion: 64 Resp: 80880
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5





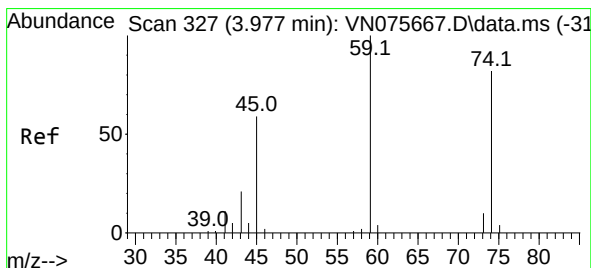
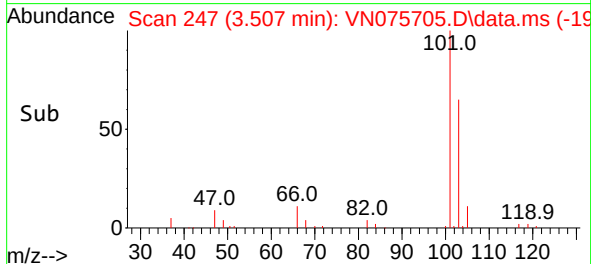
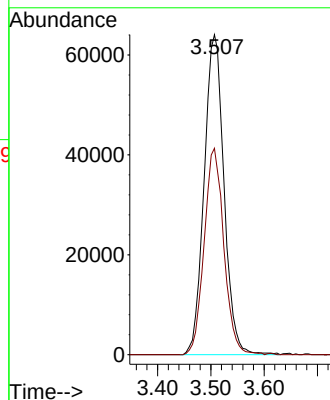
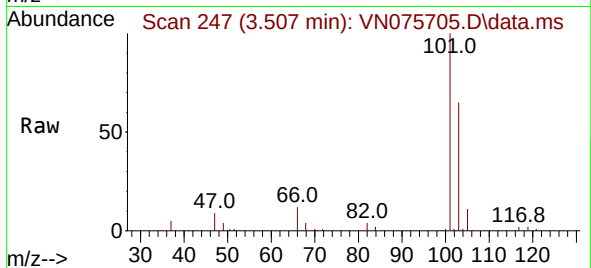
#7
Trichlorofluoromethane
Concen: 47.941 ug/l
RT: 3.507 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 166034
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

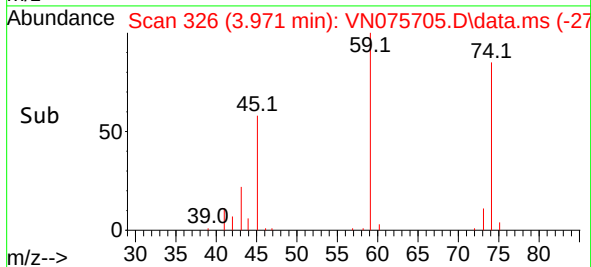
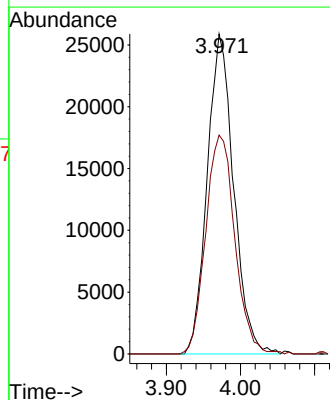
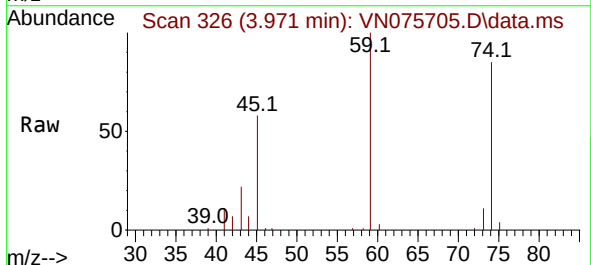
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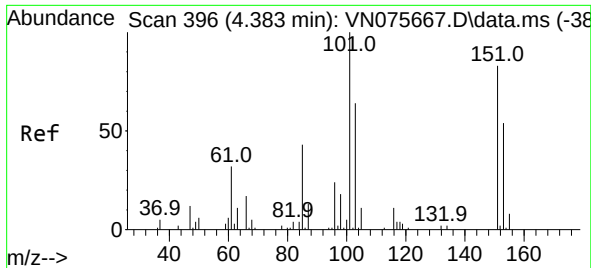
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#8
Diethyl Ether
Concen: 50.683 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075705.D
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Tgt Ion: 74 Resp: 64171
Ion Ratio Lower Upper
74 100
45 75.4 36.8 110.4





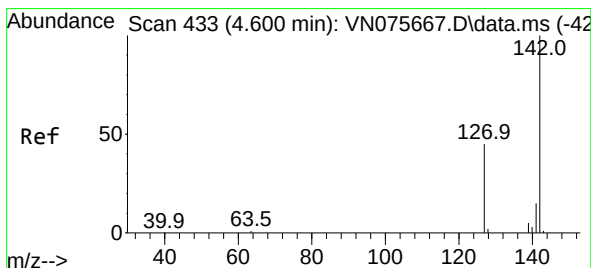
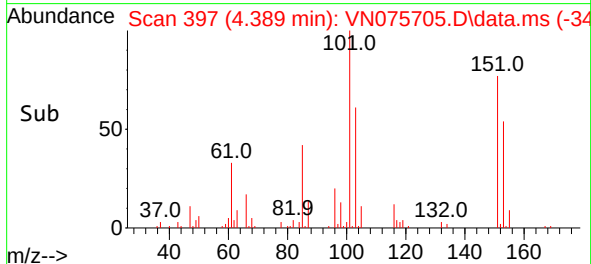
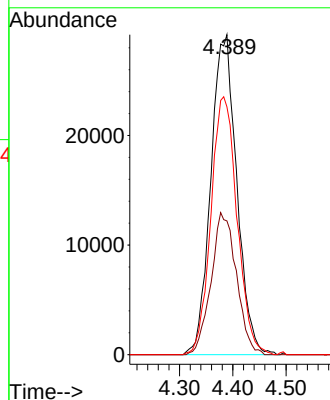
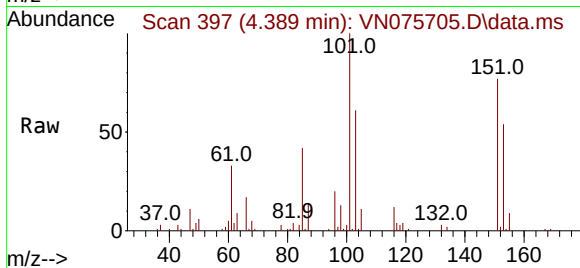
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.521 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 98619
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 81.3 65.6 98.4

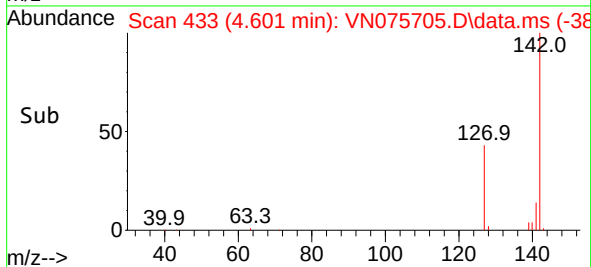
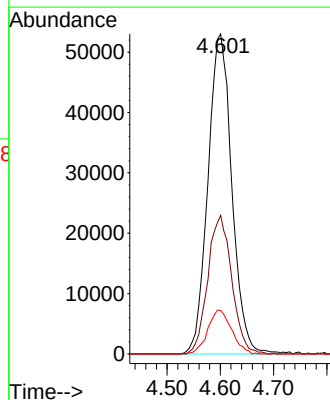
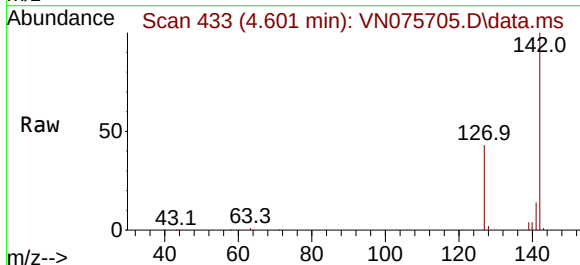
Manual Integrations
APPROVED

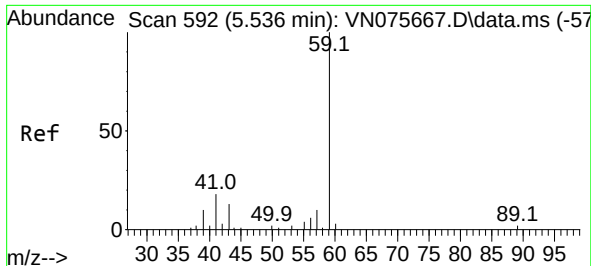
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 49.694 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

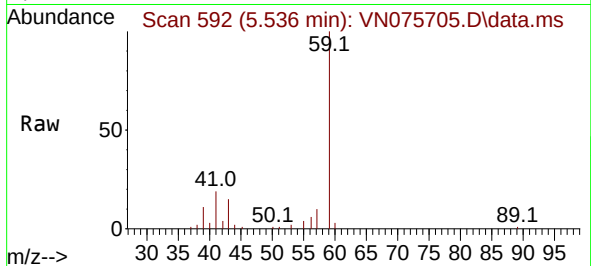
Tgt Ion:142 Resp: 165054
Ion Ratio Lower Upper
142 100
127 43.3 35.0 52.4
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 221.909 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

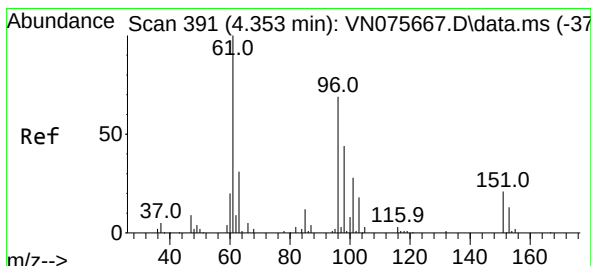
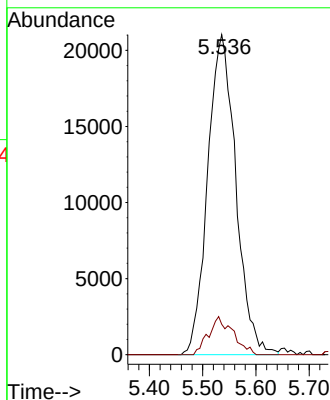
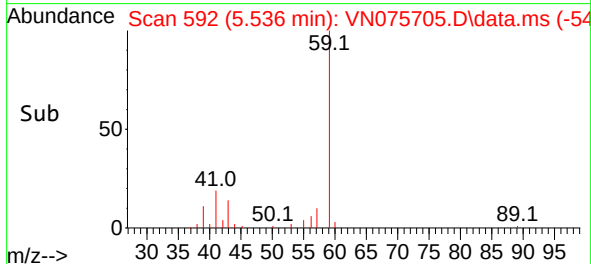
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



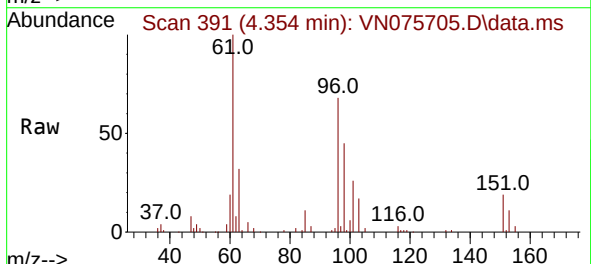
Tgt Ion: 59 Resp: 77244
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

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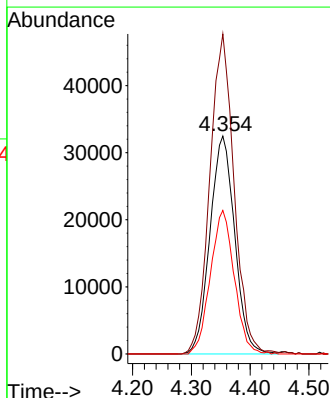
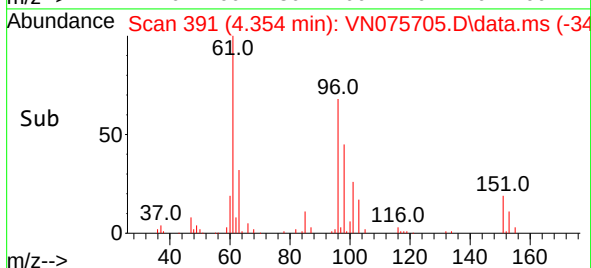
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

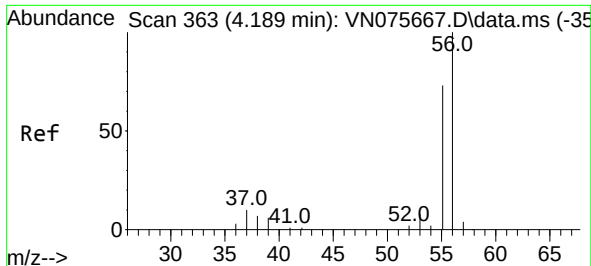


#12
1,1-Dichloroethene
Concen: 49.980 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



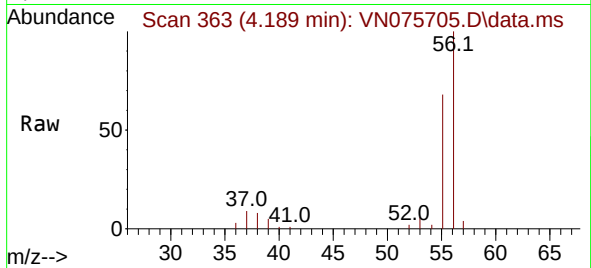
Tgt Ion: 96 Resp: 94950
Ion Ratio Lower Upper
96 100
61 146.8 116.8 175.2
98 65.8 51.6 77.4





#13
Acrolein
Concen: 289.276 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

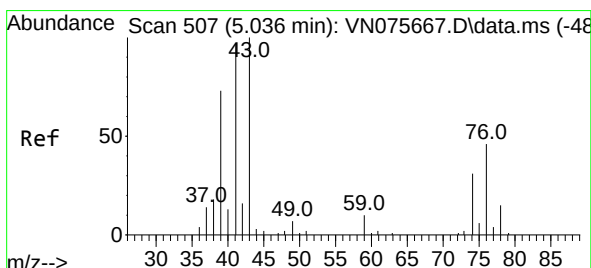
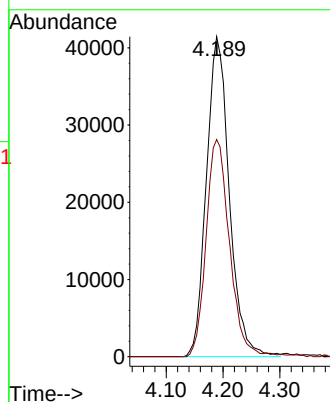
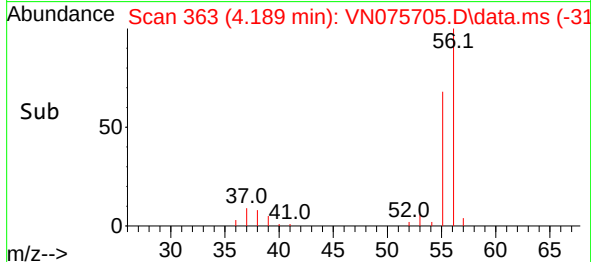
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



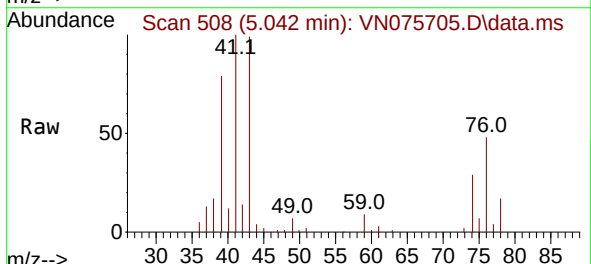
Tgt Ion: 56 Resp: 115970
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5

Manual Integrations
APPROVED

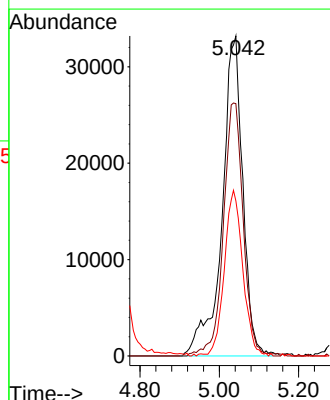
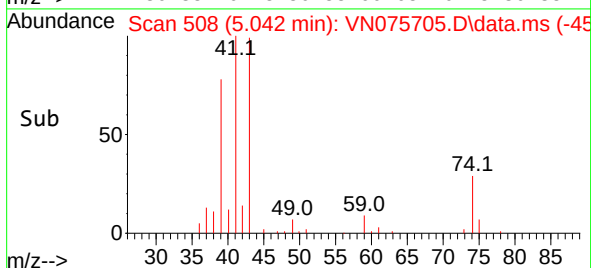
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

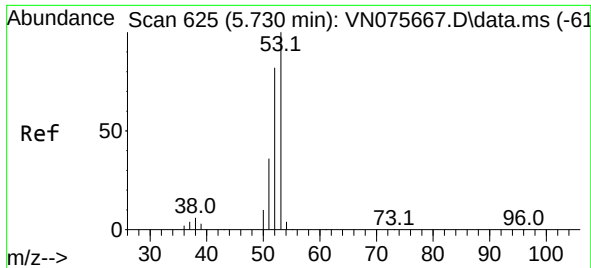


#14
Allyl chloride
Concen: 51.165 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



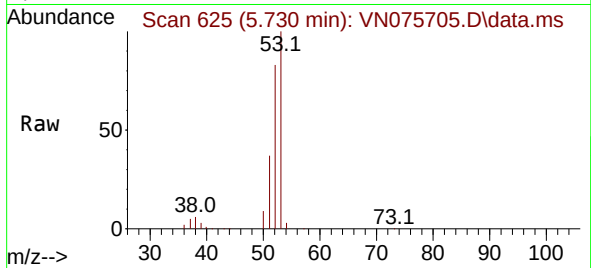
Tgt Ion: 41 Resp: 121046
Ion Ratio Lower Upper
41 100
39 75.7 64.6 96.8
76 45.8 40.9 61.3





#15
Acrylonitrile
Concen: 241.773 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

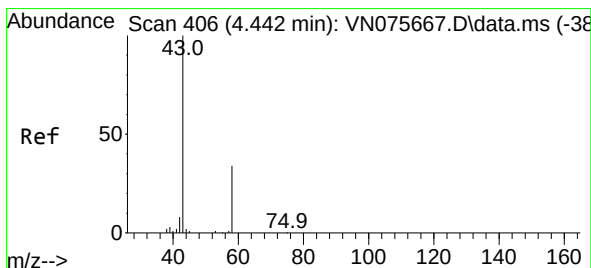
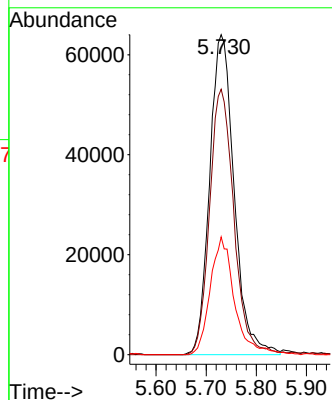
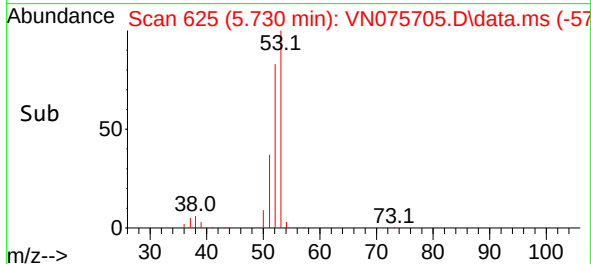
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



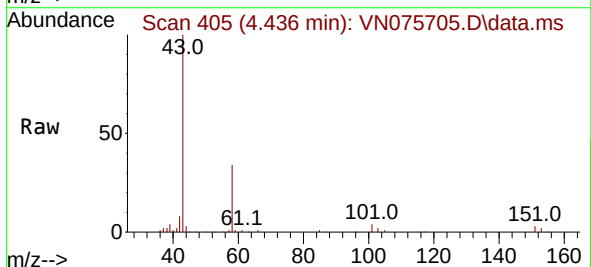
Tgt Ion: 53 Resp: 21738
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 36.5 28.9 43.3

Manual Integrations
APPROVED

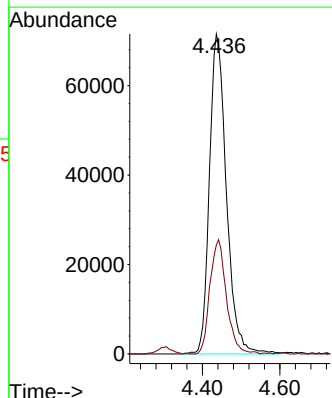
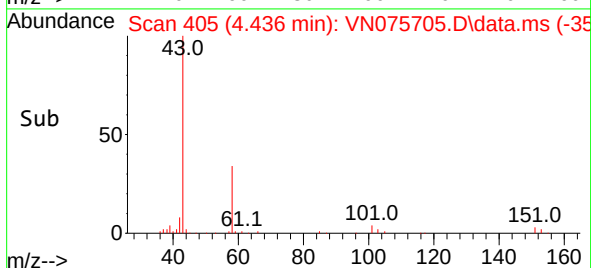
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

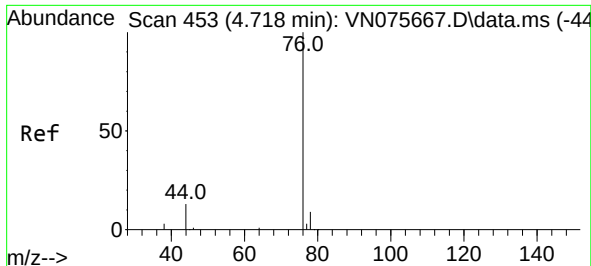


#16
Acetone
Concen: 272.735 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



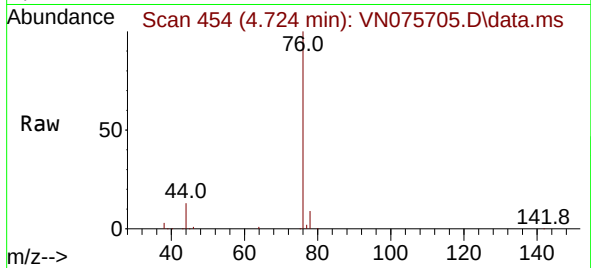
Tgt Ion: 43 Resp: 217324
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.4





#17
Carbon Disulfide
Concen: 48.623 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

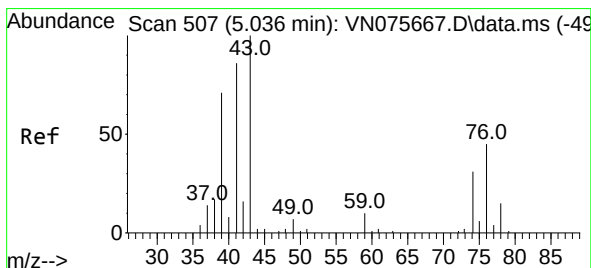
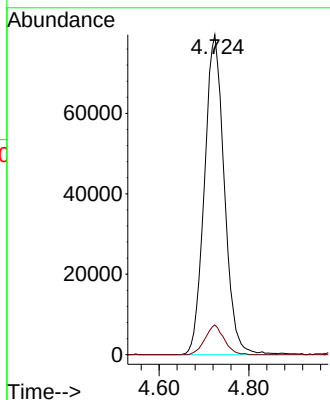
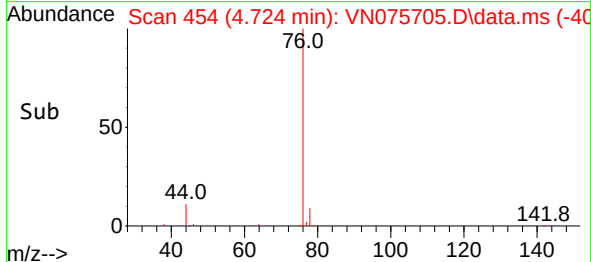
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



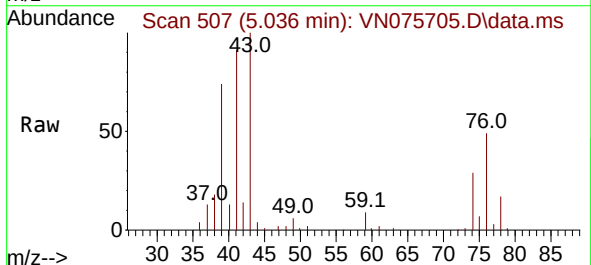
Tgt Ion: 76 Resp: 24442
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

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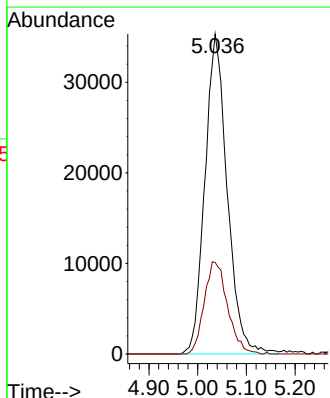
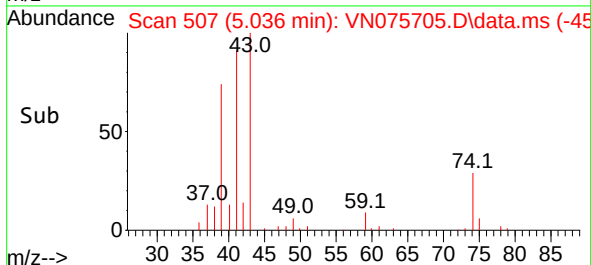
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

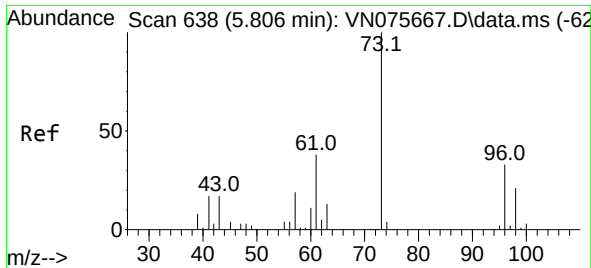


#18
Methyl Acetate
Concen: 43.893 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion: 43 Resp: 112388
Ion Ratio Lower Upper
43 100
74 30.0 24.5 36.7





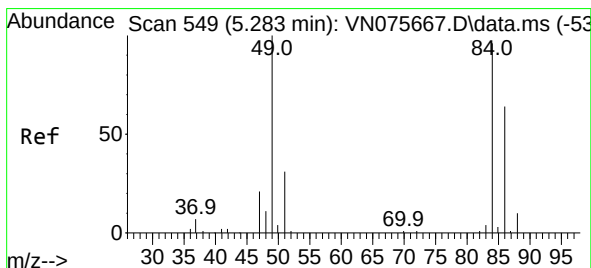
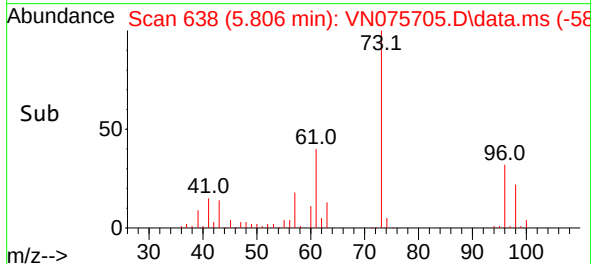
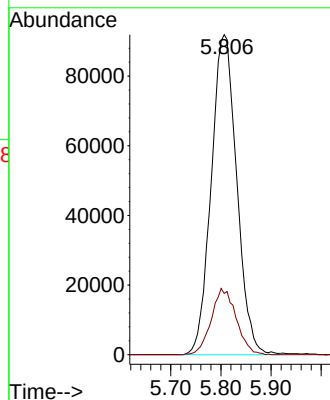
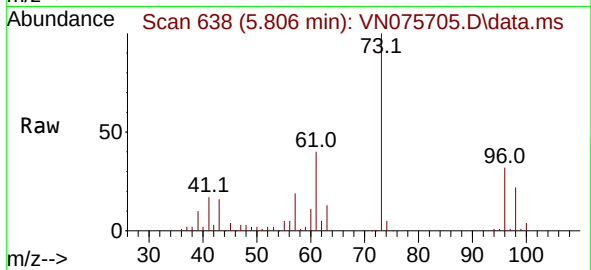
#19
Methyl tert-butyl Ether
Concen: 50.818 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 32475
Ion Ratio Lower Upper
73 100
57 19.1 15.1 22.7

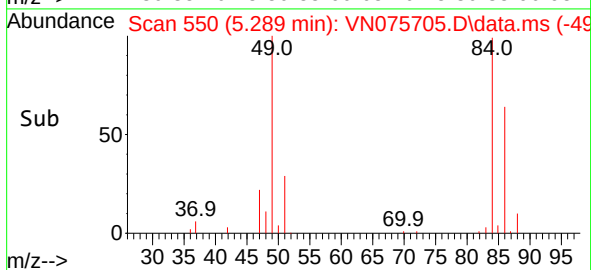
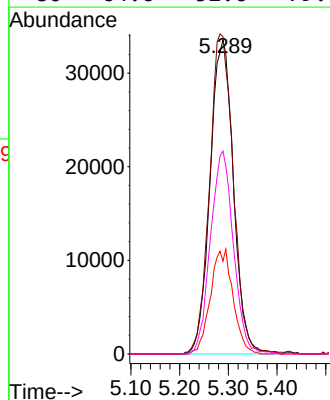
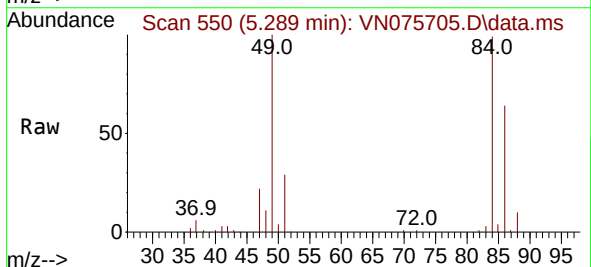
Manual Integrations
APPROVED

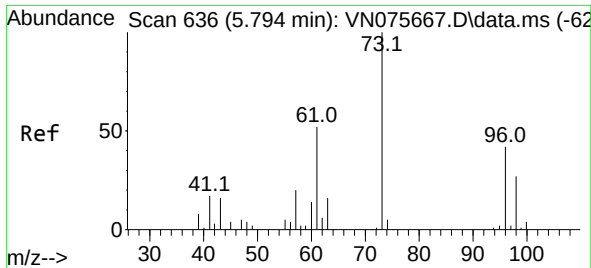
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 47.071 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion: 84 Resp: 111815
Ion Ratio Lower Upper
84 100
49 101.1 83.0 124.4
51 29.6 26.0 39.0
86 64.6 52.6 79.0





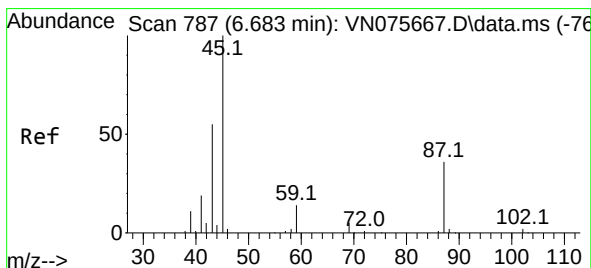
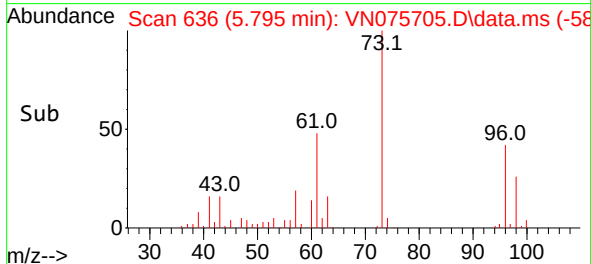
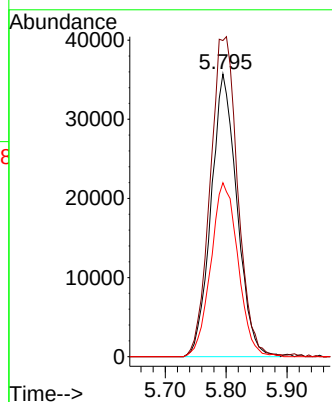
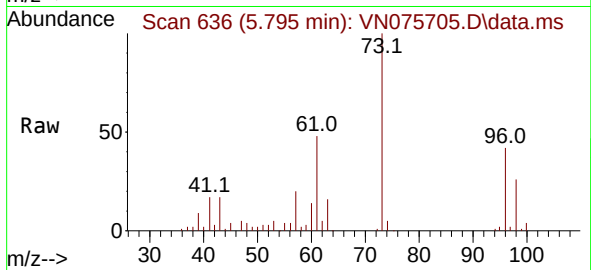
#21
trans-1,2-Dichloroethene
Concen: 49.705 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 105520
Ion Ratio Lower Upper
96 100
61 111.8 100.5 150.7
98 61.5 52.7 79.1

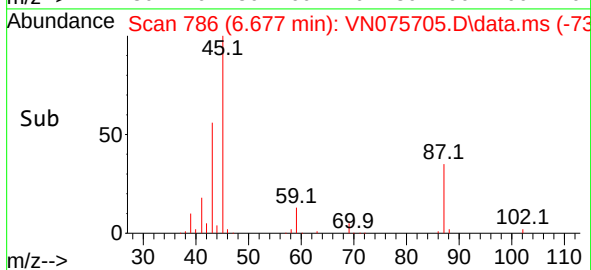
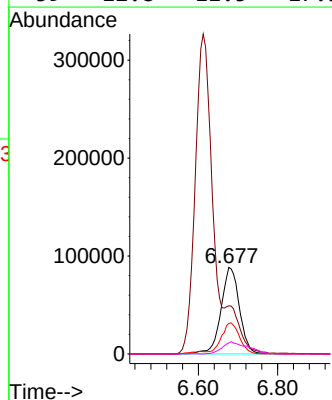
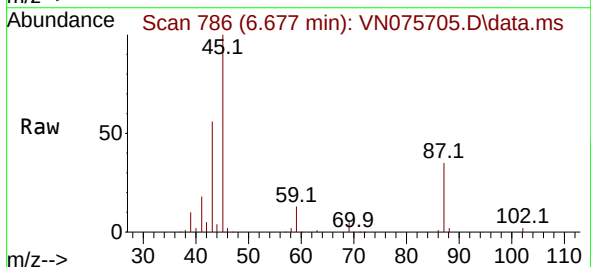
Manual Integrations
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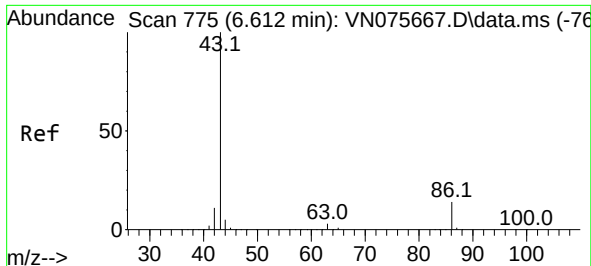
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 53.028 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion: 45 Resp: 285442
Ion Ratio Lower Upper
45 100
43 54.7 44.9 67.3
87 35.3 28.8 43.2
59 12.8 11.5 17.3





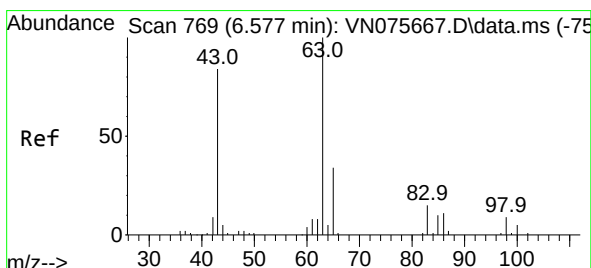
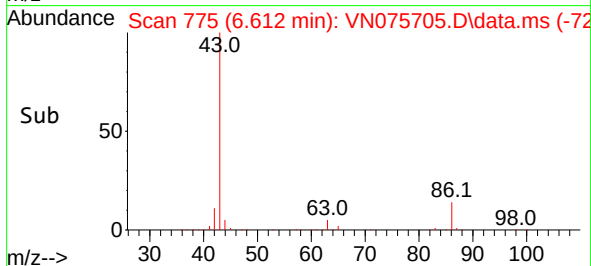
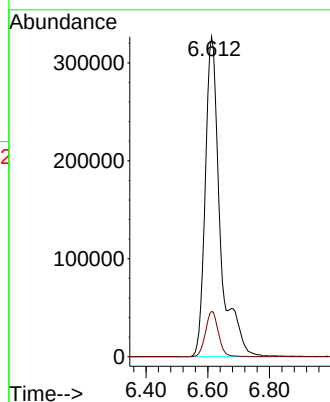
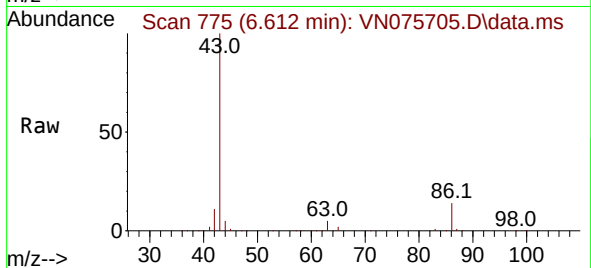
#23
 Vinyl Acetate
 Concen: 266.240 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 109280
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.5 17.3

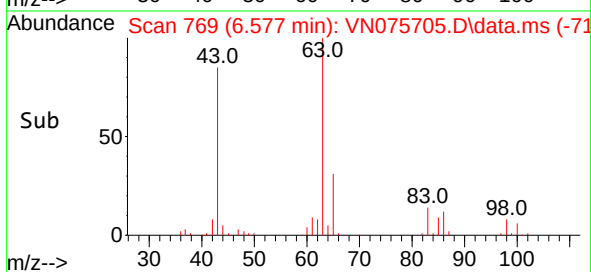
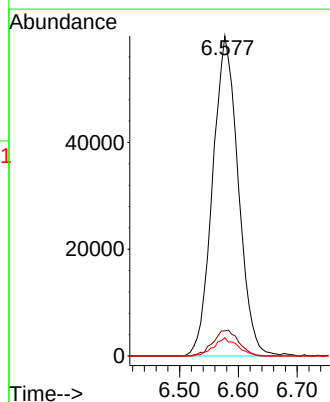
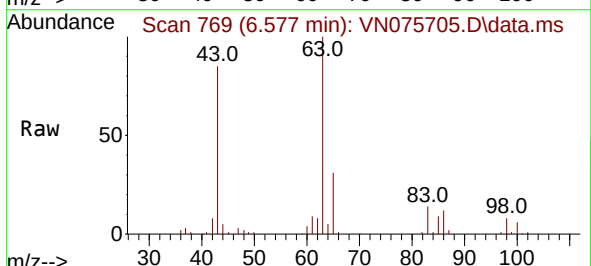
Manual Integrations
 APPROVED

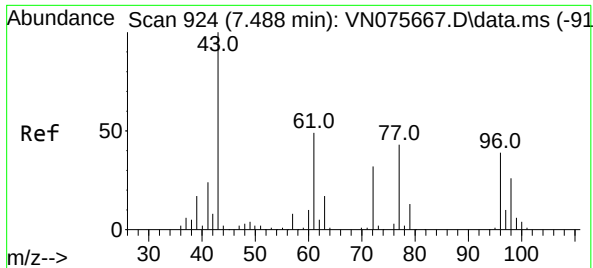
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 51.137 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46

Tgt Ion: 63 Resp: 181192
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 12.9
 100 5.7 2.6 7.8





#25

2-Butanone

Concen: 247.736 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 28857

Ion Ratio Lower Upper

43 100

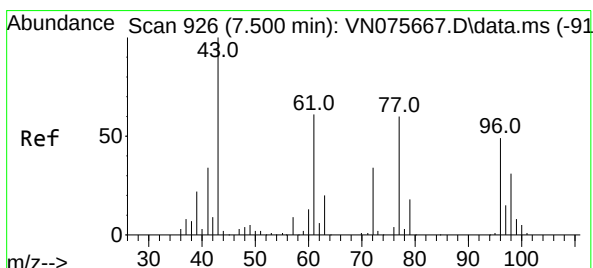
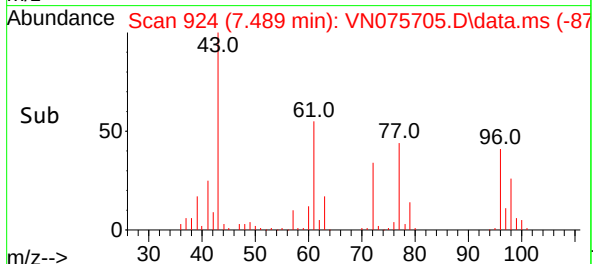
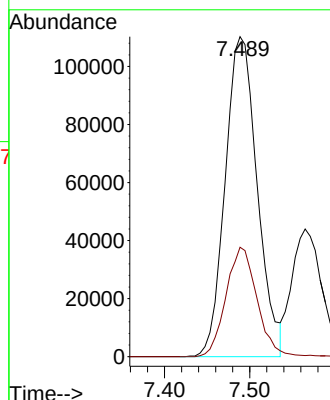
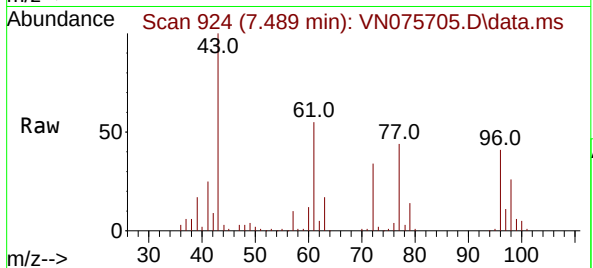
72 34.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 51.976 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075705.D

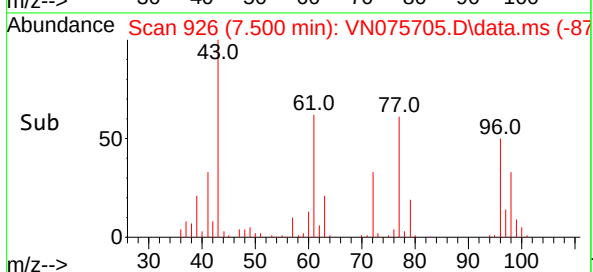
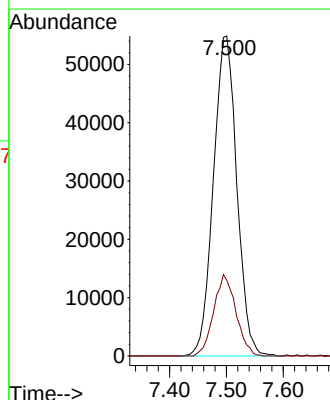
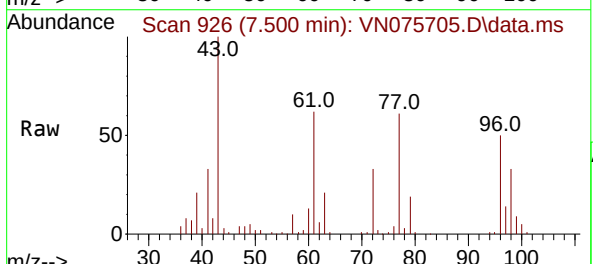
Acq: 12 Dec 2022 11:46

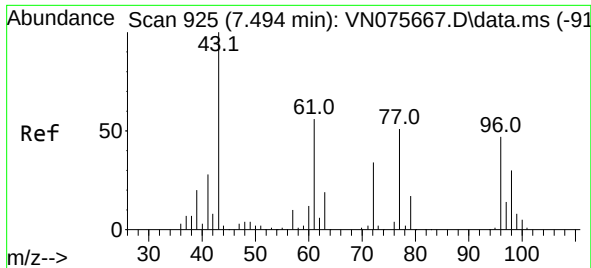
Tgt Ion: 77 Resp: 157067

Ion Ratio Lower Upper

77 100

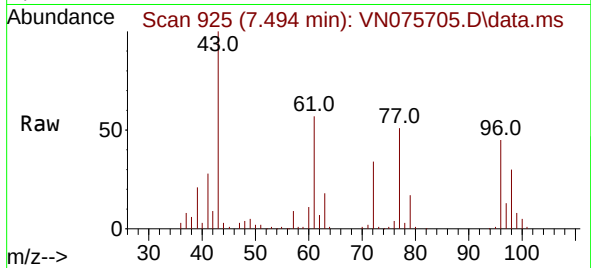
97 24.1 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 50.277 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46

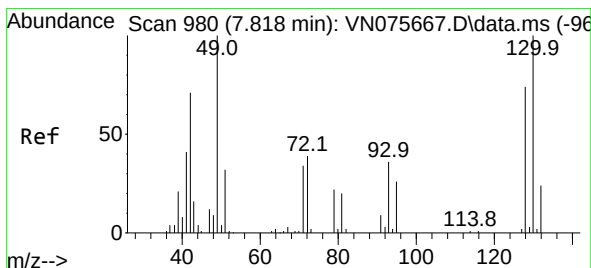
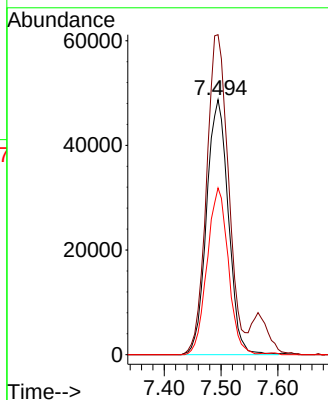
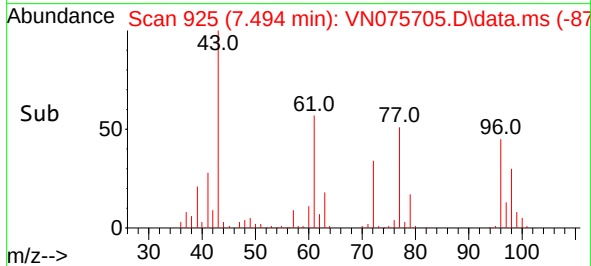
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 129584
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 247.8
 98 63.7 0.0 126.0

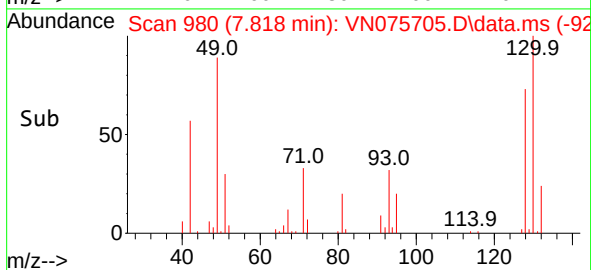
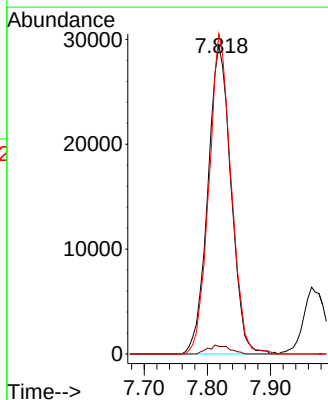
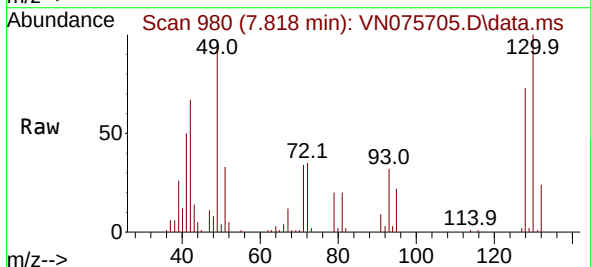
Manual Integrations
 APPROVED

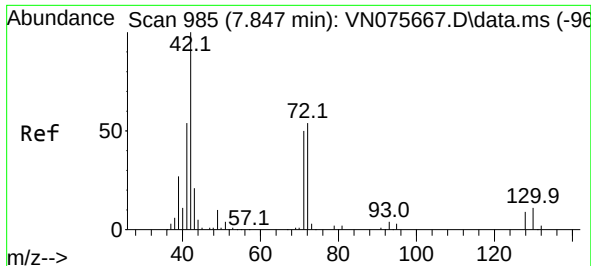
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#28
 Bromochloromethane
 Concen: 52.963 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46

Tgt Ion: 49 Resp: 75032
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.4
 130 99.0 78.5 117.7





#29

Tetrahydrofuran

Concen: 249.883 ug/l

RT: 7.842 min Scan# 984

Delta R.T. -0.006 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17941

Ion Ratio Lower Upper

42 100

72 54.8 44.6 67.0

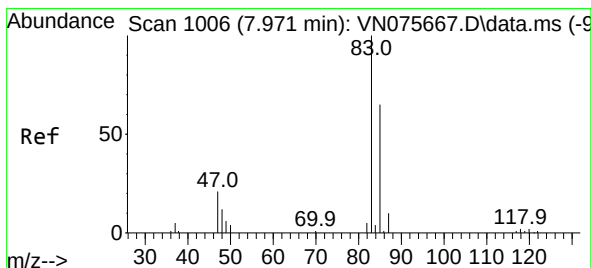
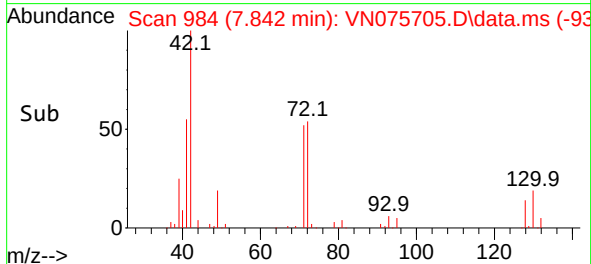
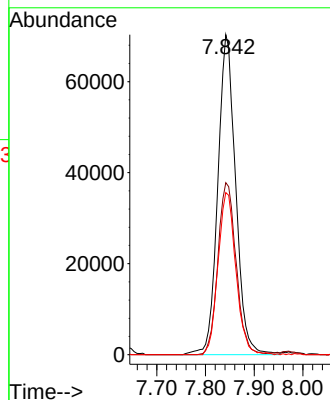
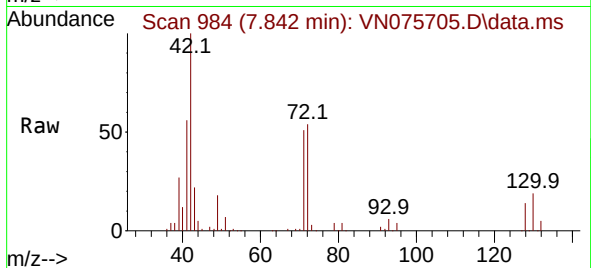
71 50.8 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

Chloroform

Concen: 51.582 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075705.D

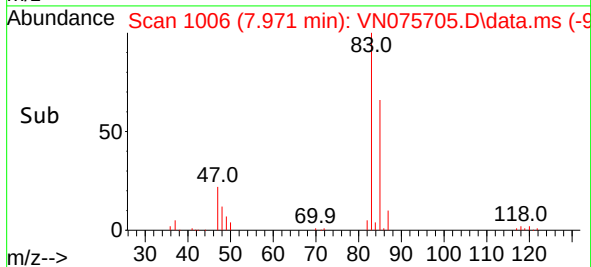
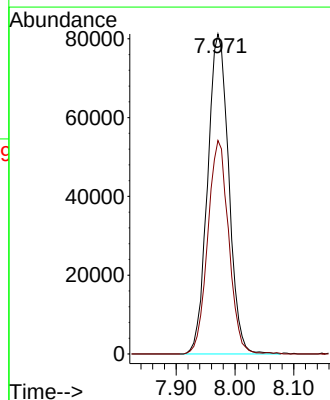
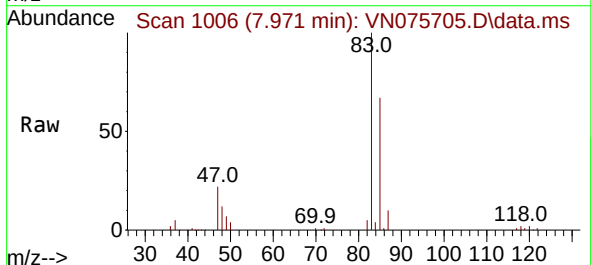
Acq: 12 Dec 2022 11:46

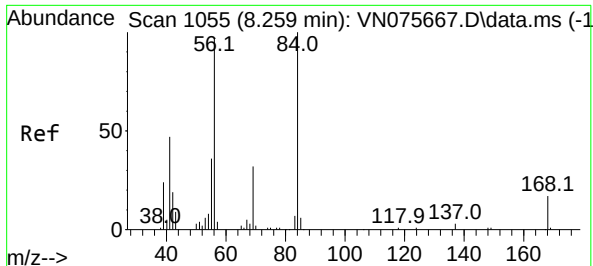
Tgt Ion: 83 Resp: 202441

Ion Ratio Lower Upper

83 100

85 66.7 51.8 77.6





#31

Cyclohexane

Concen: 44.527 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075705.D

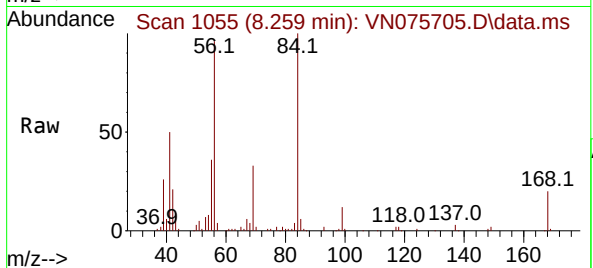
Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 155120

Ion Ratio Lower Upper

56 100

69 34.2 26.2 39.2

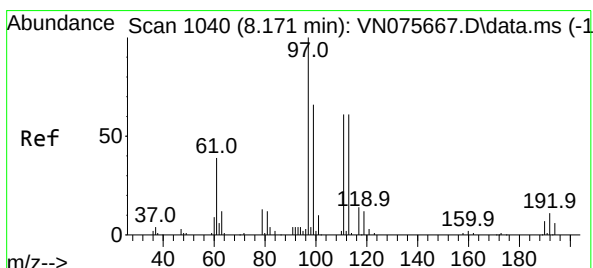
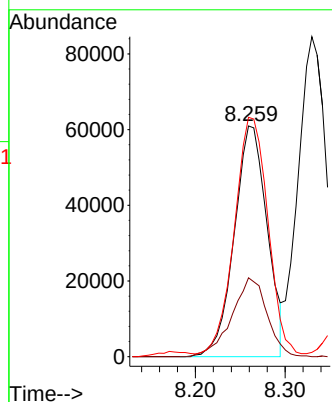
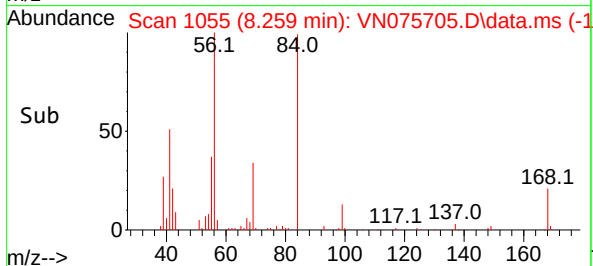
84 102.0 82.8 124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#32

1,1,1-Trichloroethane

Concen: 50.456 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

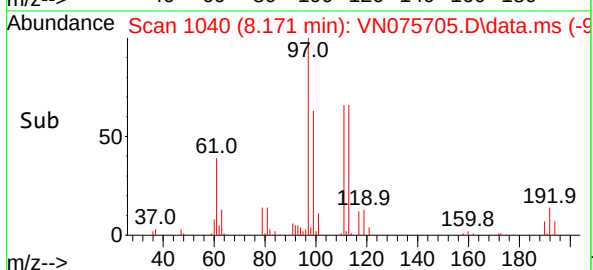
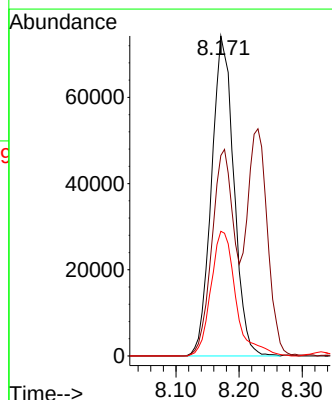
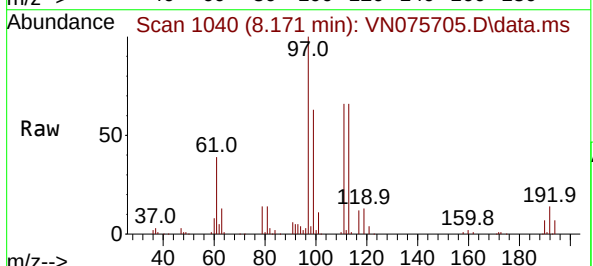
Tgt Ion: 97 Resp: 182693

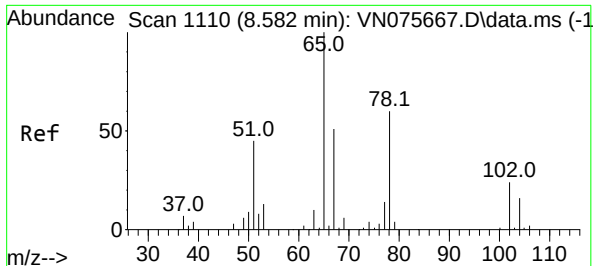
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 43.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 52.845 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 124340

Ion Ratio Lower Upper

65 100

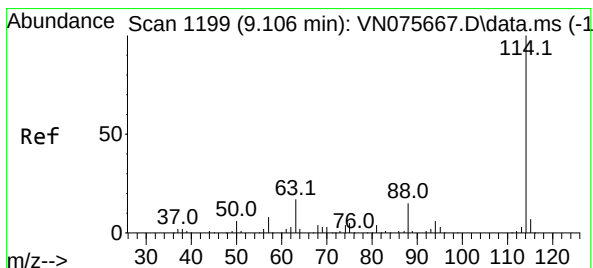
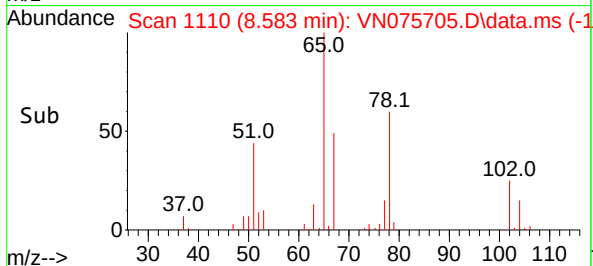
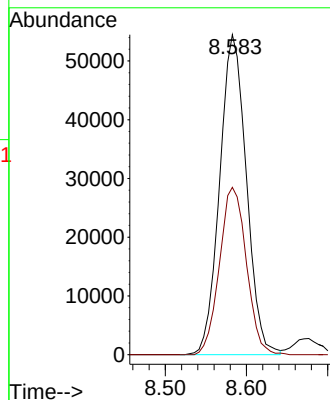
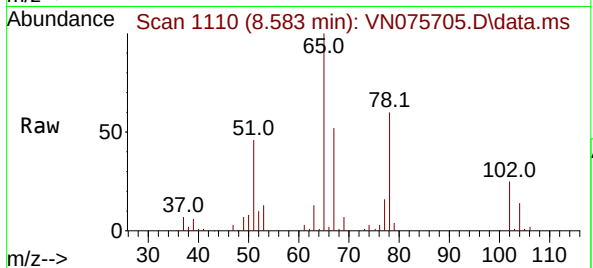
67 52.8 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

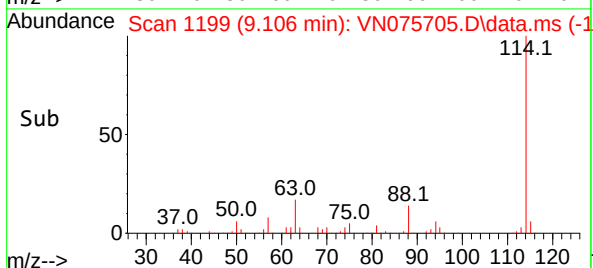
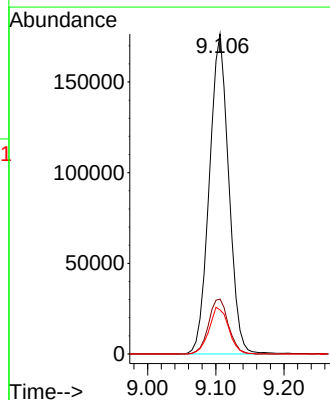
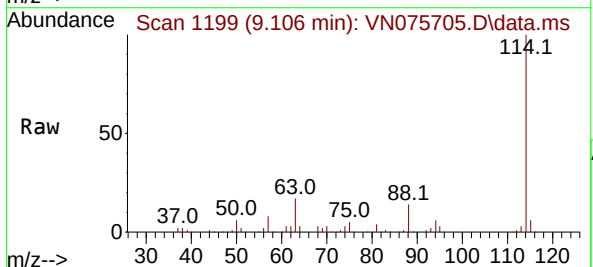
Tgt Ion:114 Resp: 349750

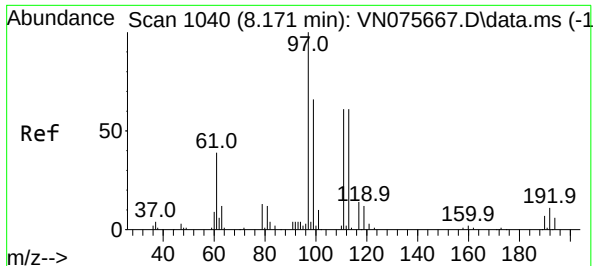
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 13.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.967 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 115159

Ion Ratio Lower Upper

113 100

111 100.9 81.0 121.6

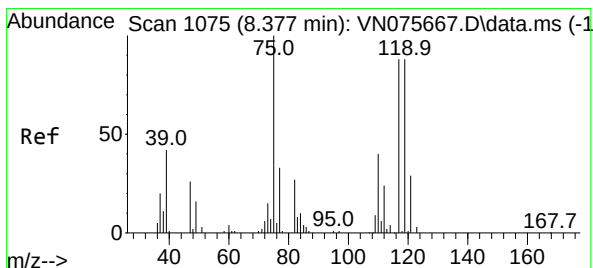
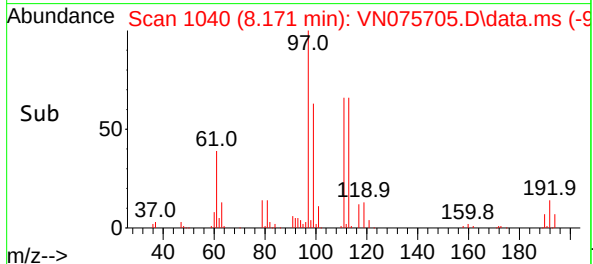
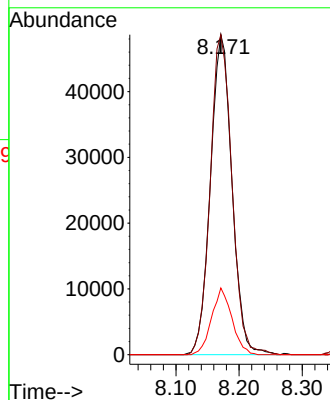
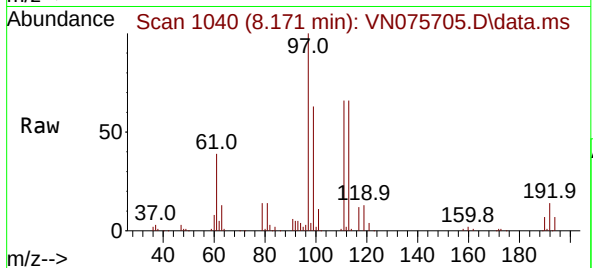
192 19.7 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 51.543 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

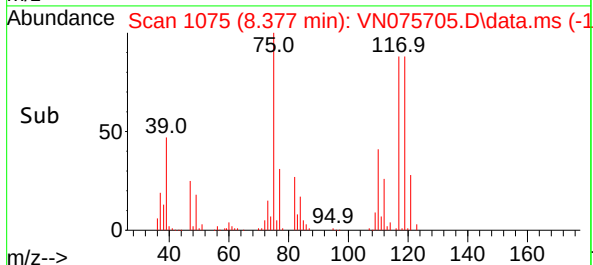
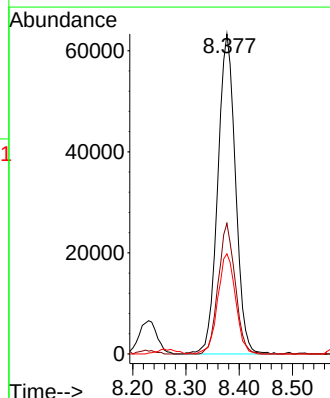
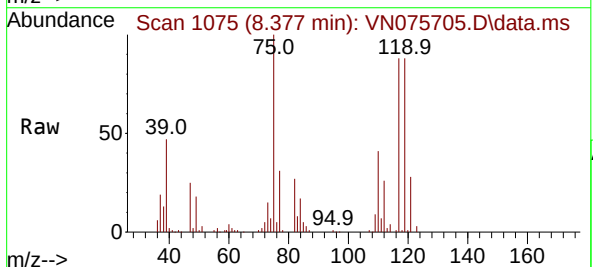
Tgt Ion: 75 Resp: 146045

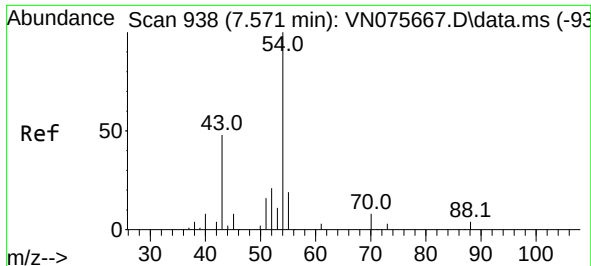
Ion Ratio Lower Upper

75 100

110 38.9 18.9 56.9

77 31.6 25.4 38.2





#37

Ethyl Acetate

Concen: 48.256 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 109779

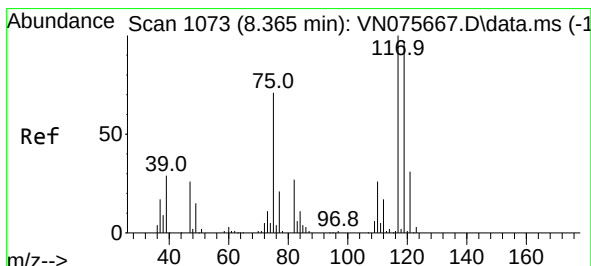
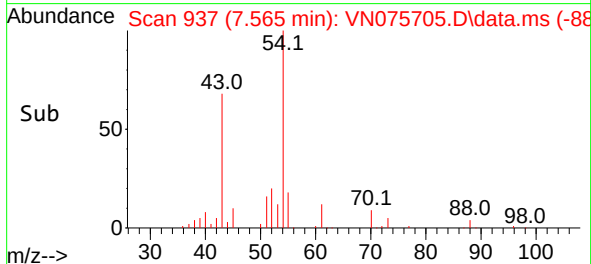
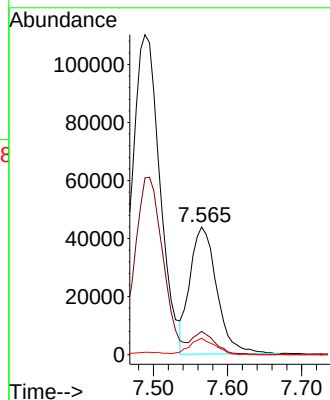
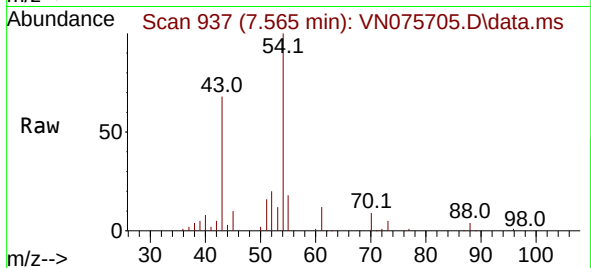
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.3	19.9
70	12.2	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#38

Carbon Tetrachloride

Concen: 51.310 ug/l

RT: 8.365 min Scan# 1073

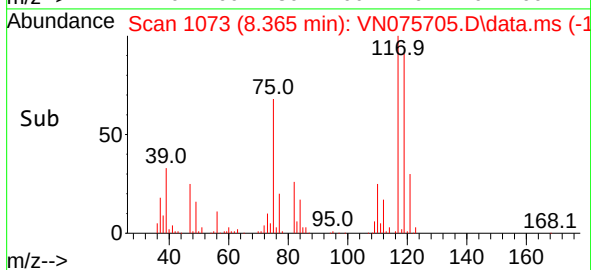
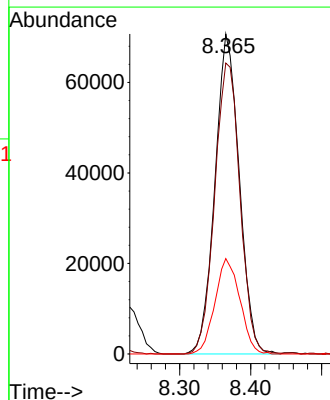
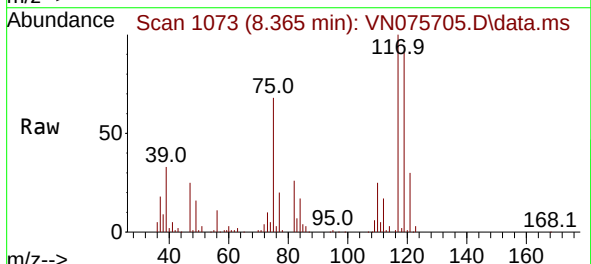
Delta R.T. 0.000 min

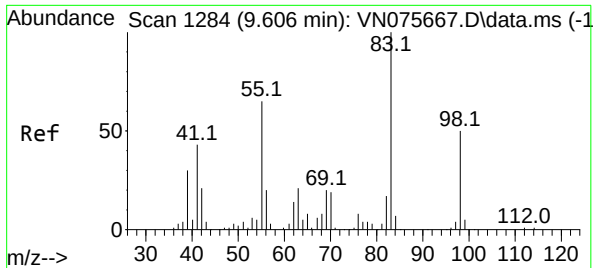
Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Tgt Ion:117 Resp: 167768

Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.2	115.8
121	29.8	24.6	37.0





#39

Methylcyclohexane

Concen: 53.528 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 192324

Ion Ratio Lower Upper

83 100

55 65.5 51.6 77.4

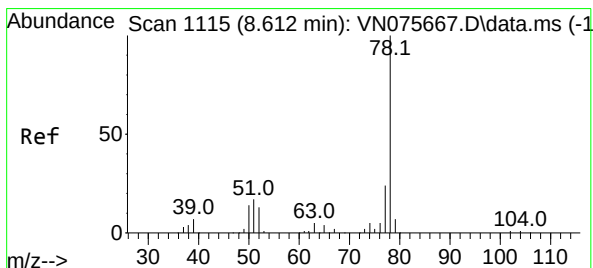
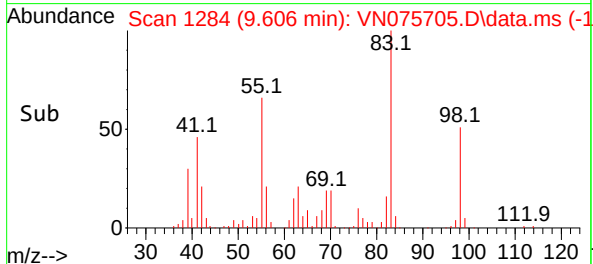
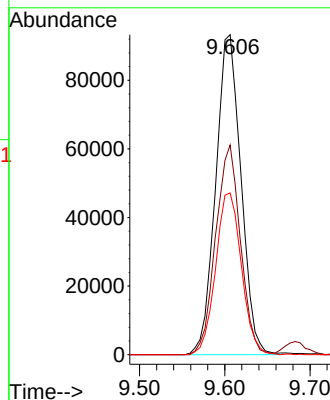
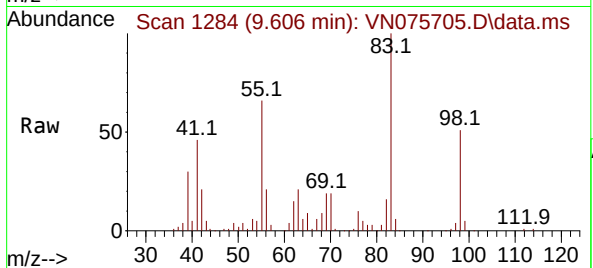
98 50.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 52.014 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075705.D

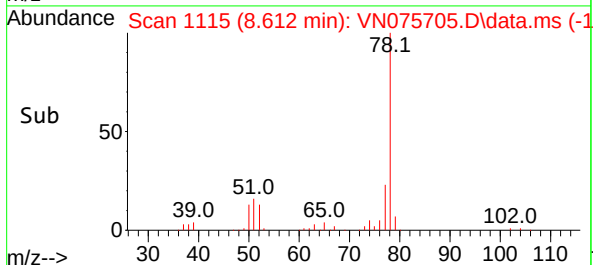
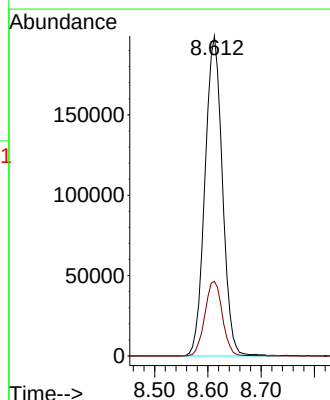
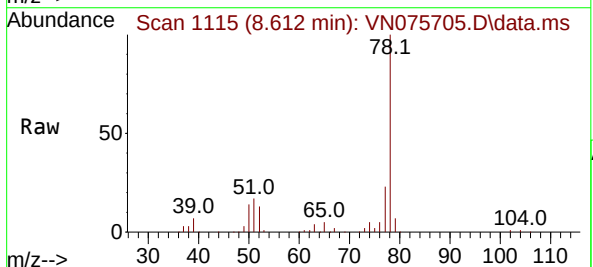
Acq: 12 Dec 2022 11:46

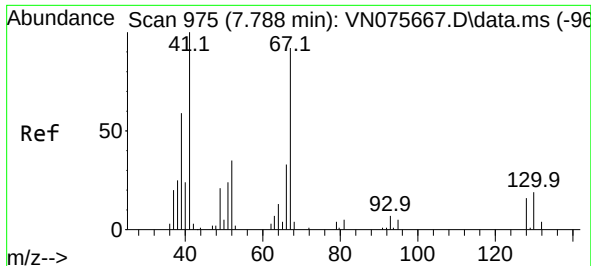
Tgt Ion: 78 Resp: 452297

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7





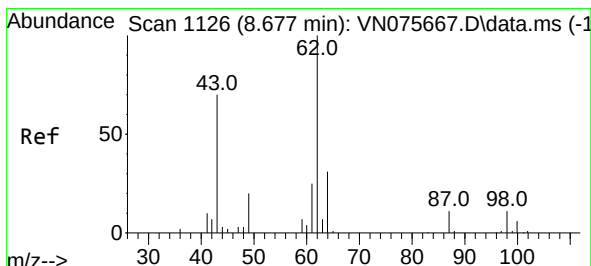
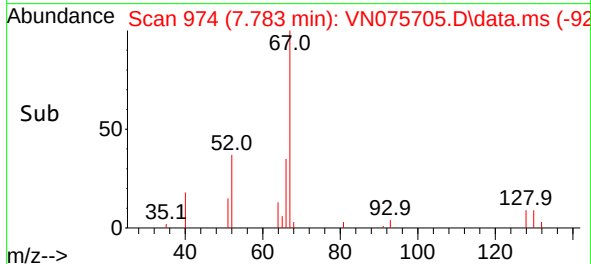
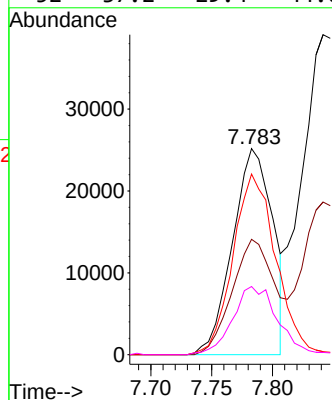
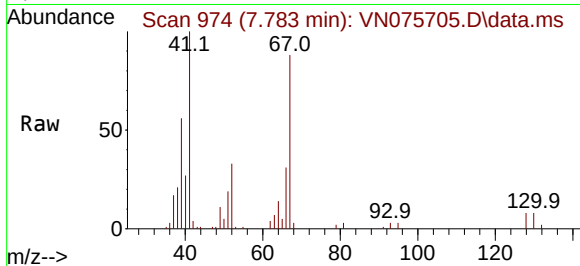
#41
Methacrylonitrile
Concen: 49.511 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 57754
Ion Ratio Lower Upper
41 100
39 60.6 46.3 69.5
67 94.2 74.0 111.0
52 37.2 29.4 44.0

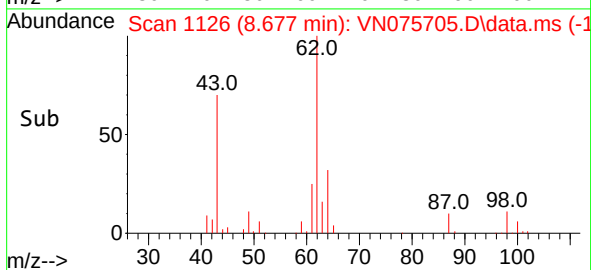
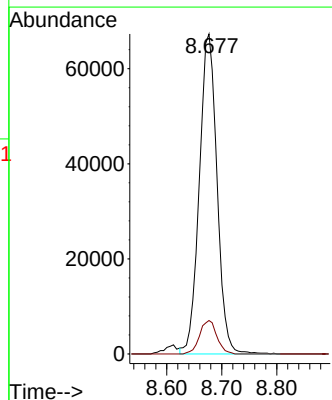
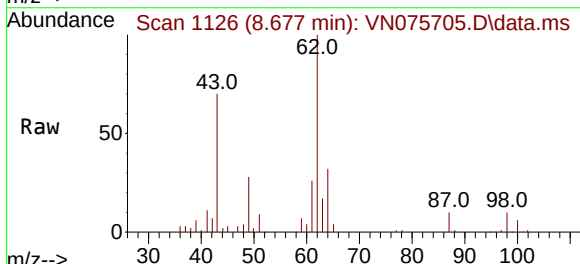
Manual Integrations
APPROVED

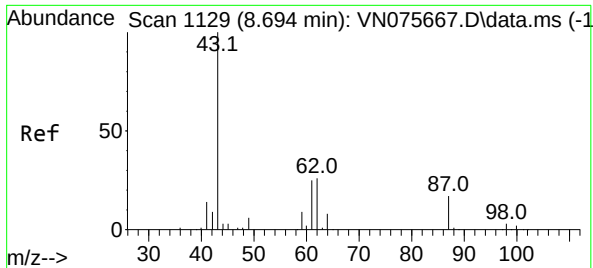
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 51.775 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

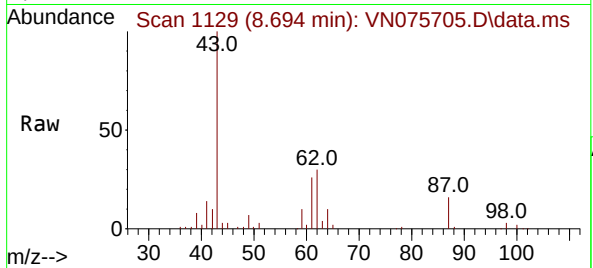
Tgt Ion: 62 Resp: 150609
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 51.555 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

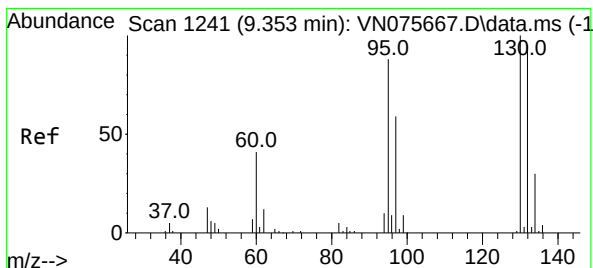
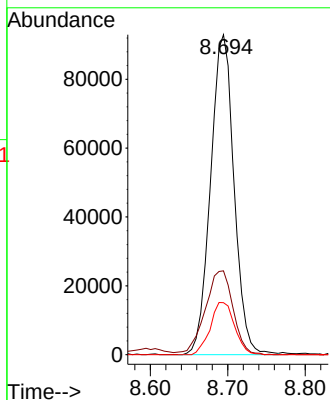
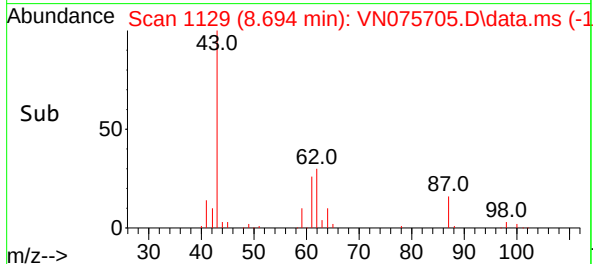
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



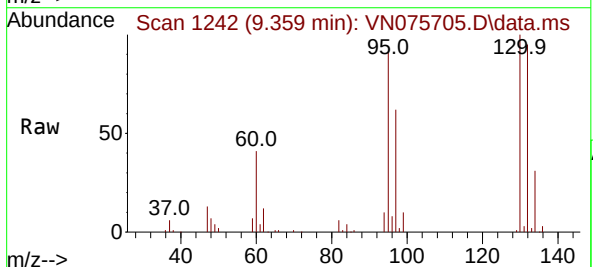
Tgt Ion: 43 Resp: 19580
Ion Ratio Lower Upper
43 100
61 31.2 23.8 35.8
87 16.9 13.7 20.5

Manual Integrations
APPROVED

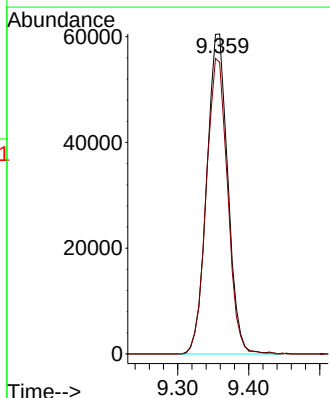
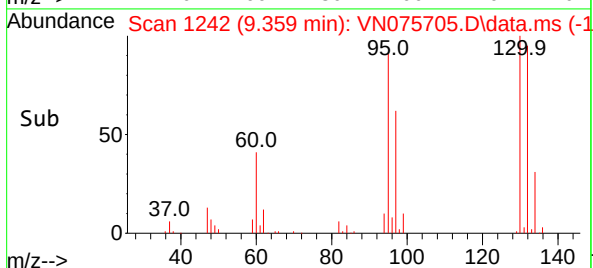
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

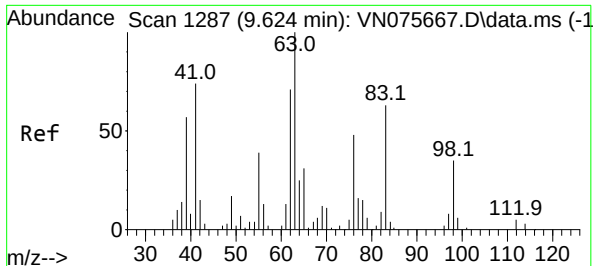


#44
Trichloroethene
Concen: 50.813 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion:130 Resp: 124652
Ion Ratio Lower Upper
130 100
95 91.2 0.0 176.8





#45

1,2-Dichloropropane

Concen: 53.079 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 109775

Ion Ratio Lower Upper

63 100

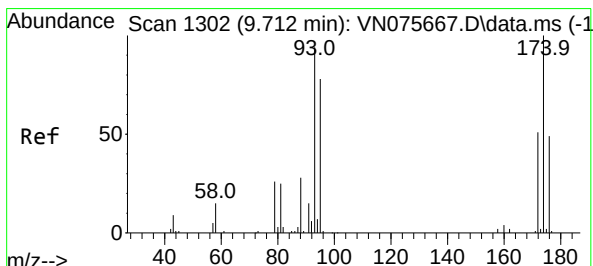
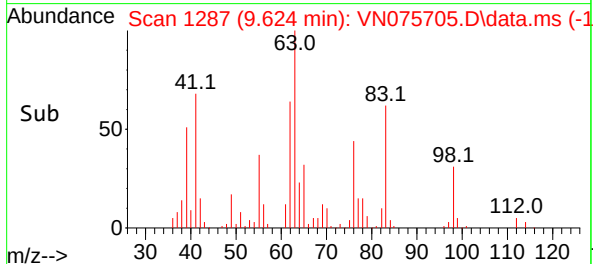
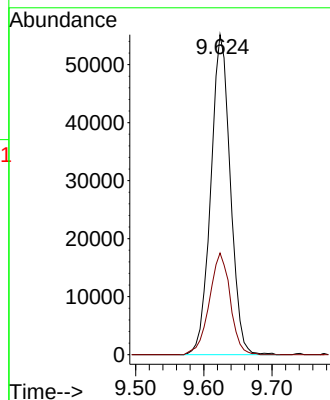
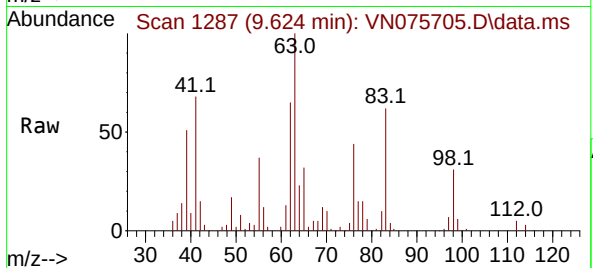
65 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 52.982 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

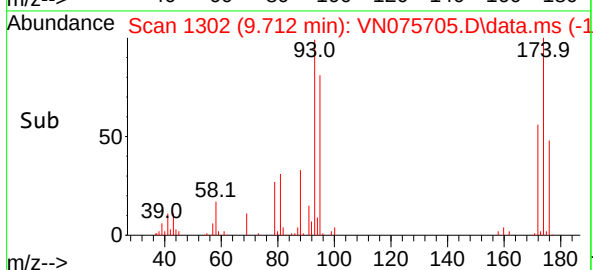
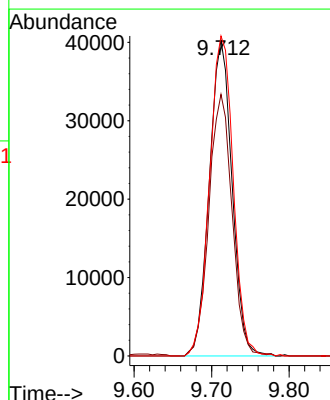
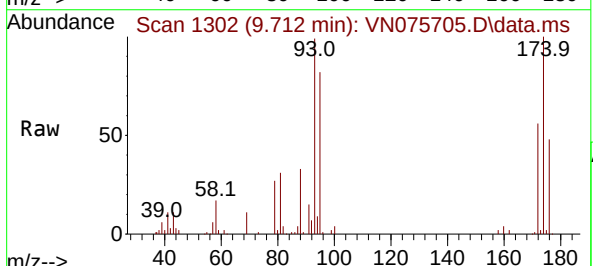
Tgt Ion: 93 Resp: 82266

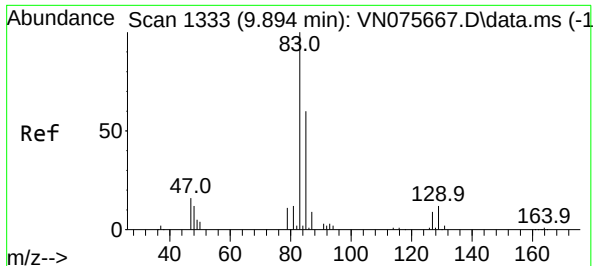
Ion Ratio Lower Upper

93 100

95 84.3 67.3 100.9

174 105.1 85.0 127.6





#47

Bromodichloromethane

Concen: 53.715 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

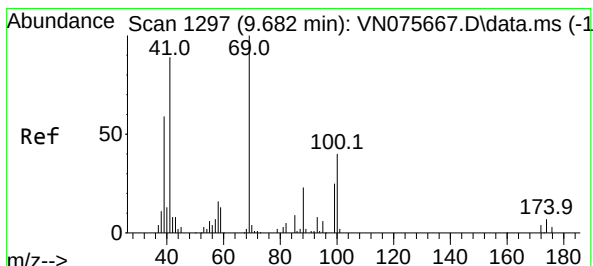
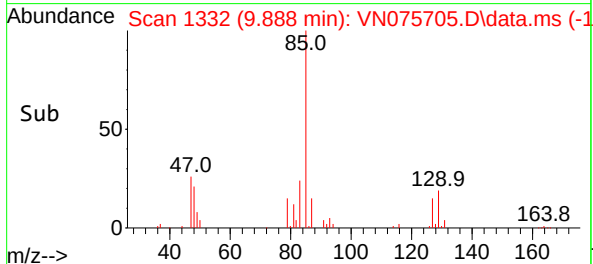
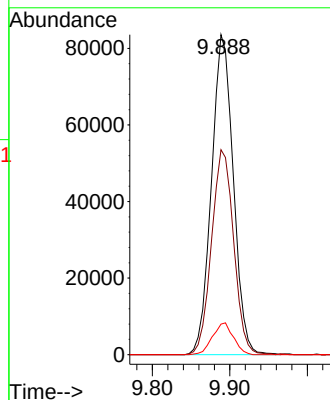
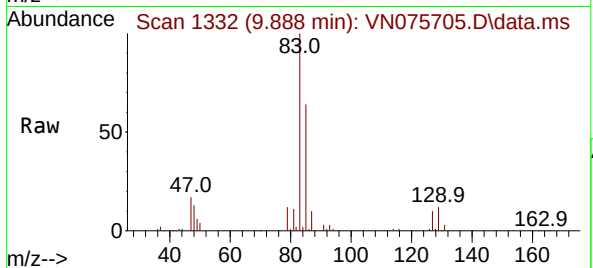
Tgt Ion:	83	Resp:	163529
Ion Ratio	Lower	Upper	
83	100		
85	64.0	48.0	72.0
127	9.6	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#48

Methyl methacrylate

Concen: 51.669 ug/l

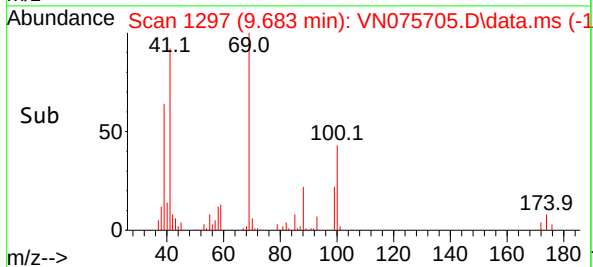
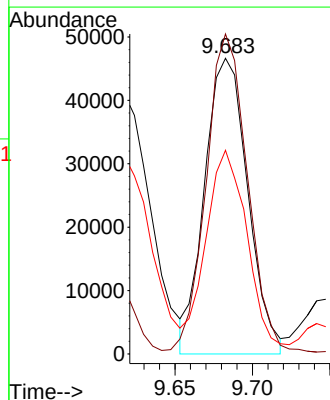
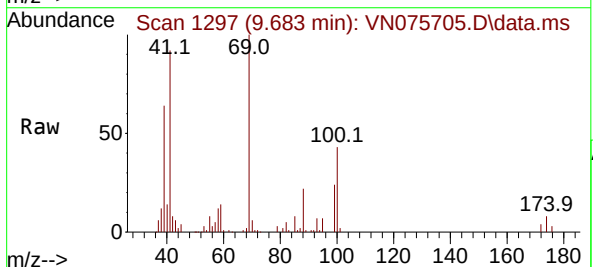
RT: 9.683 min Scan# 1297

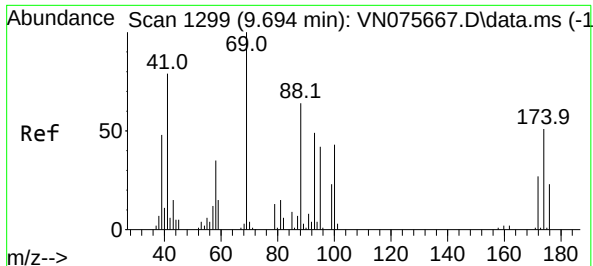
Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Tgt Ion:	41	Resp:	90379
Ion Ratio	Lower	Upper	
41	100		
69	104.8	82.5	123.7
39	67.0	53.2	79.8





#49

1,4-Dioxane

Concen: 1011.500 ug/l

RT: 9.700 min Scan# 1299

Delta R.T. 0.006 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 43000

Ion Ratio Lower Upper

88 100

43 0.0 17.4 26.0

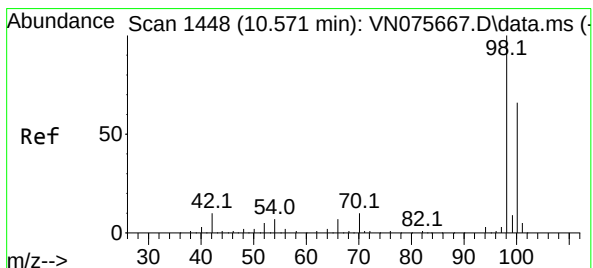
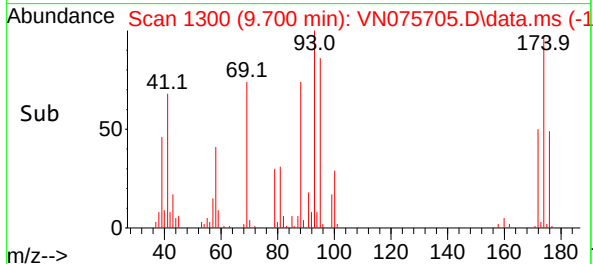
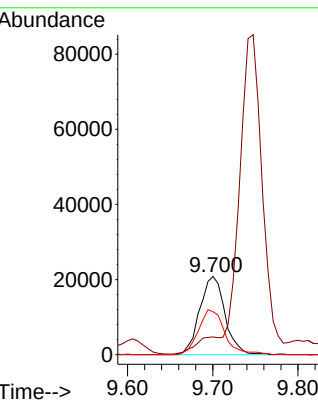
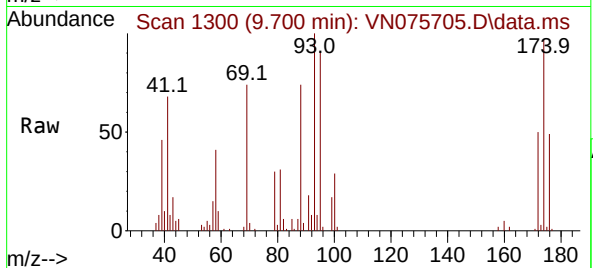
58 59.7 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 55.428 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075705.D

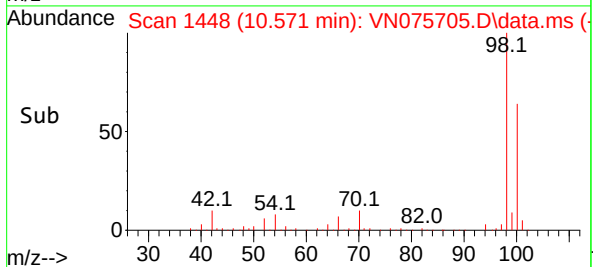
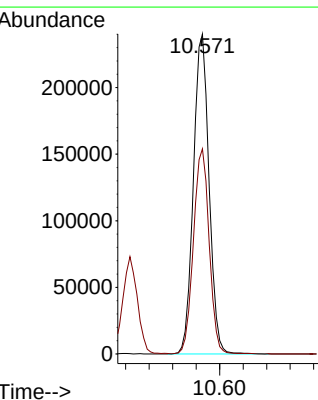
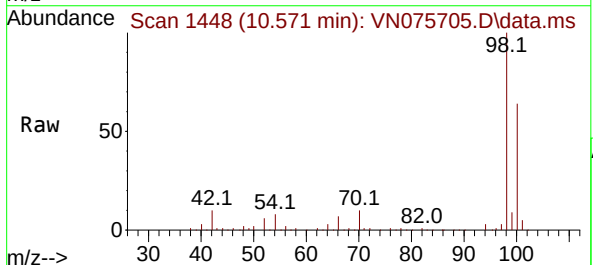
Acq: 12 Dec 2022 11:46

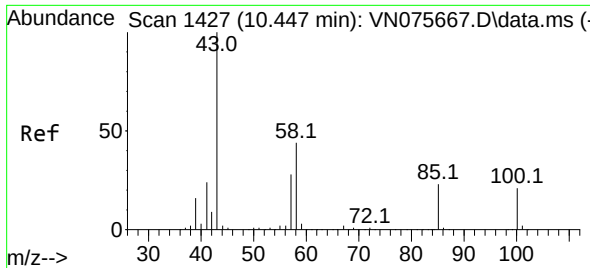
Tgt Ion: 98 Resp: 444183

Ion Ratio Lower Upper

98 100

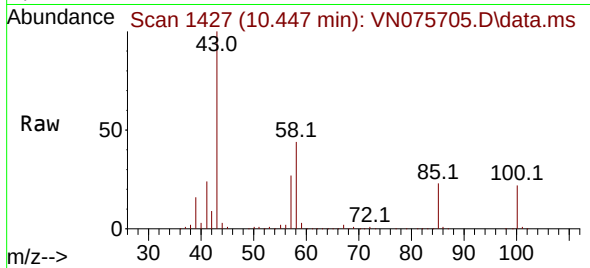
100 64.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 254.441 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

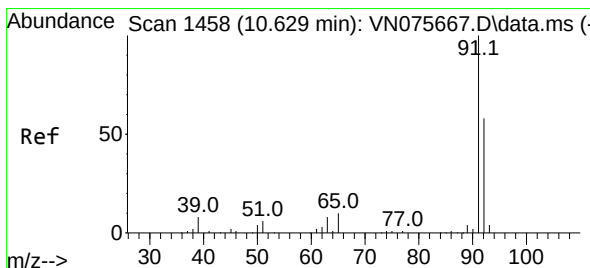
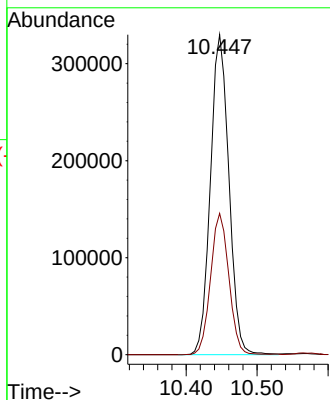
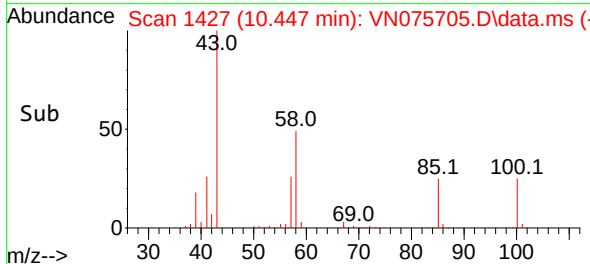
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 595860
Ion Ratio Lower Upper
43 100
58 43.7 35.0 52.6

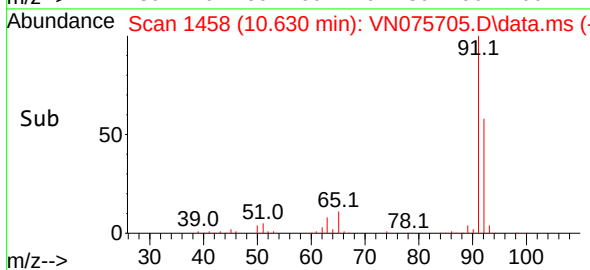
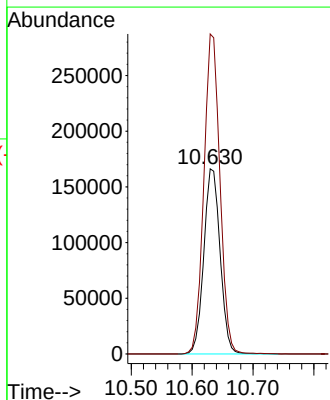
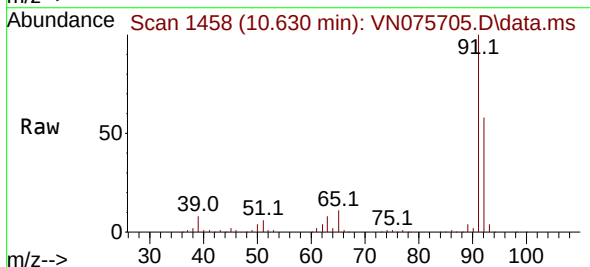
Manual Integrations
APPROVED

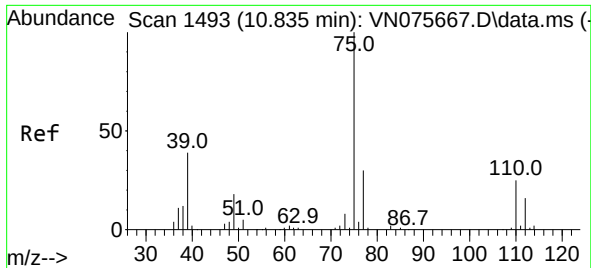
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 53.766 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

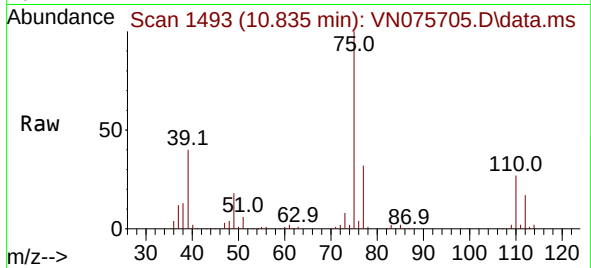
Tgt Ion: 92 Resp: 309027
Ion Ratio Lower Upper
92 100
91 170.8 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 56.928 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

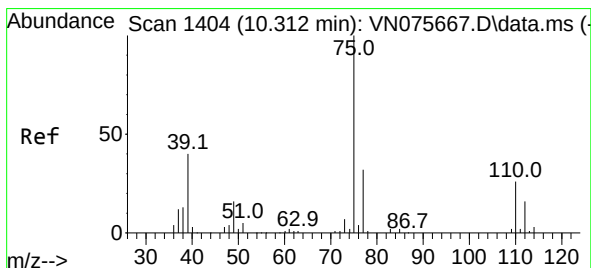
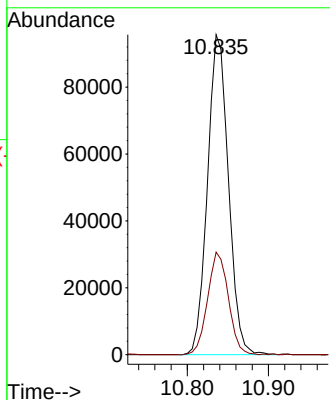
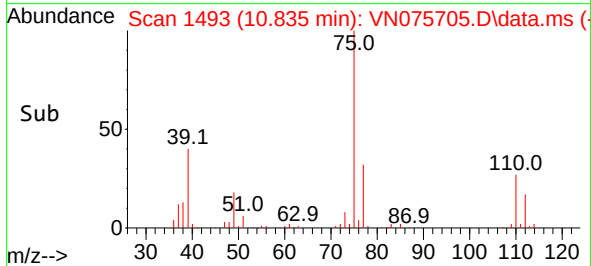
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



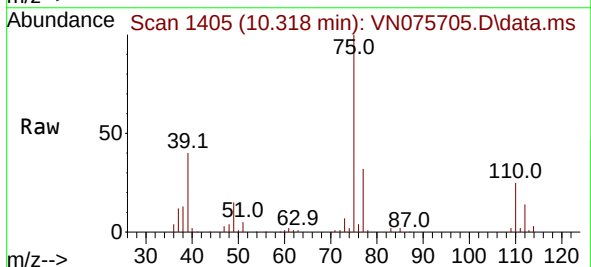
Tgt Ion: 75 Resp: 17116
Ion Ratio Lower Upper
75 100
77 32.0 24.3 36.5

Manual Integrations
APPROVED

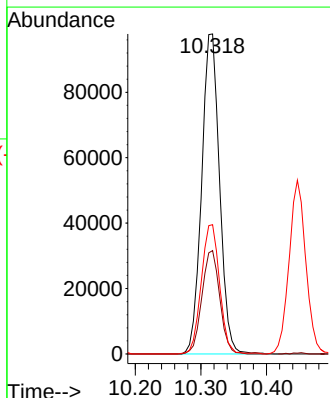
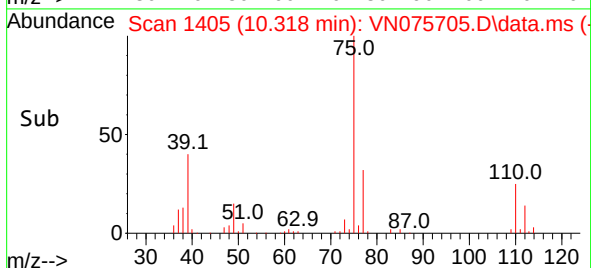
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

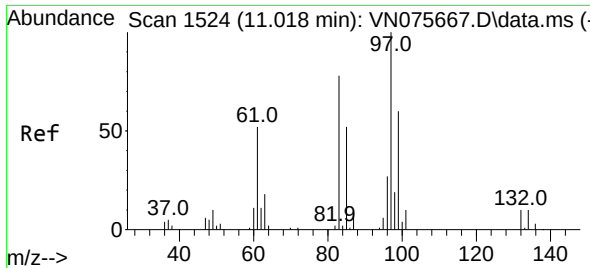


#54
cis-1,3-Dichloropropene
Concen: 55.646 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion: 75 Resp: 186148
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 40.4 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 52.176 ug/l
RT: 11.018 min Scan# 11791
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

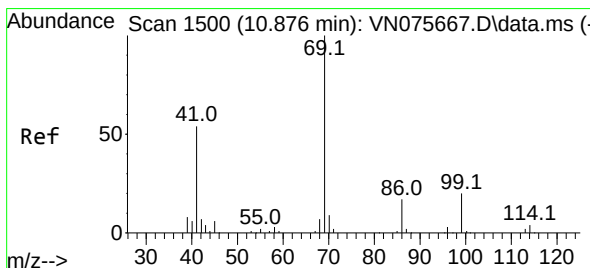
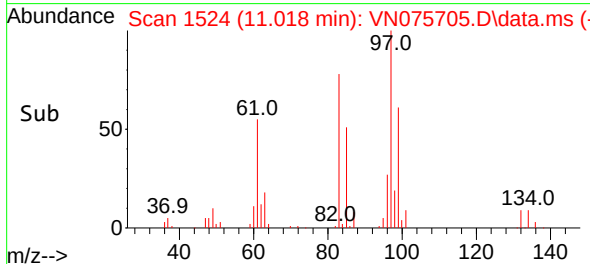
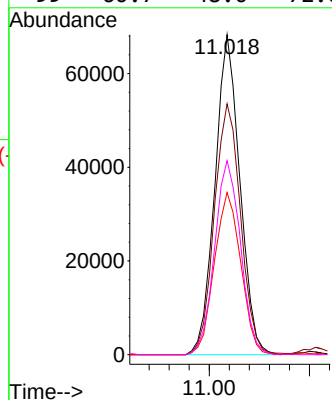
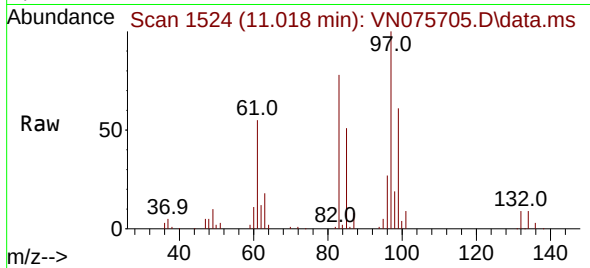
VSTDCCC050

Tgt Ion: 97 Resp: 11791
Ion Ratio Lower Upper
97 100
83 78.4 62.7 94.1
85 50.7 41.8 62.6
99 60.7 48.0 72.0

Manual Integrations

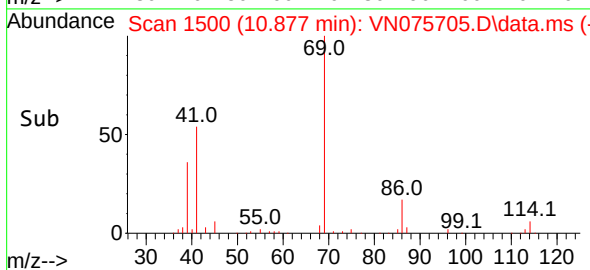
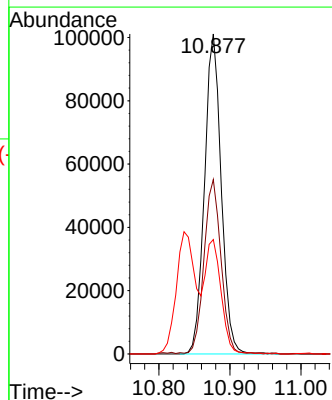
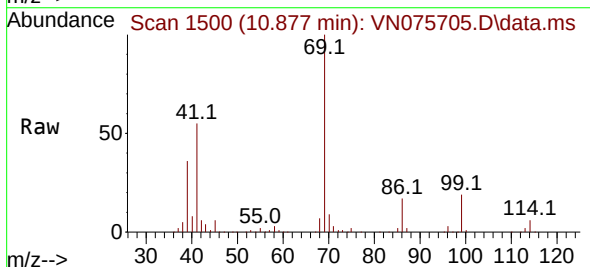
APPROVED

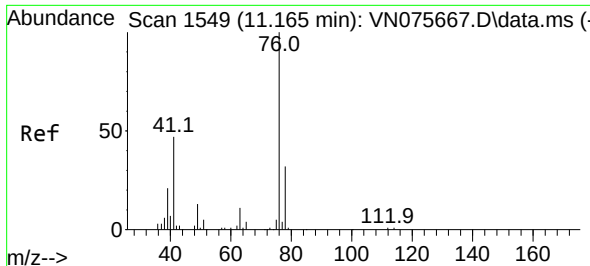
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Ethyl methacrylate
Concen: 54.054 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion: 69 Resp: 165520
Ion Ratio Lower Upper
69 100
41 55.6 44.1 66.1
39 33.8 27.7 41.5





#57

1,3-Dichloropropane

Concen: 52.518 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 191828

Ion Ratio Lower Upper

76 100

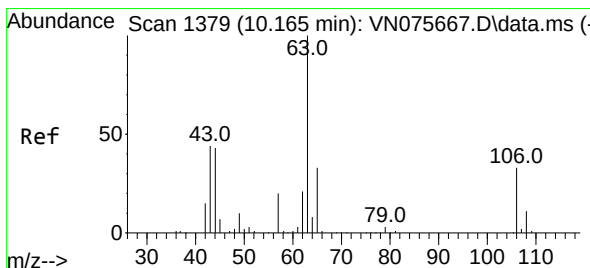
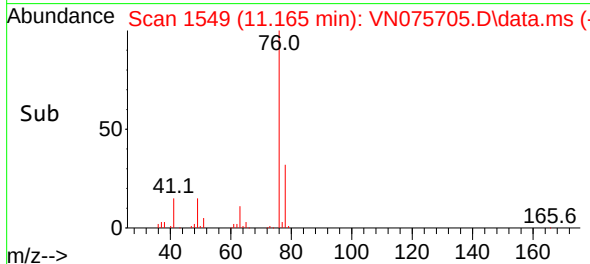
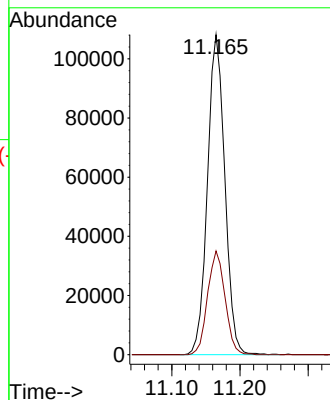
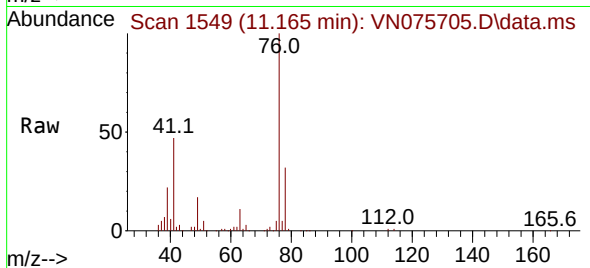
78 32.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 285.902 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075705.D

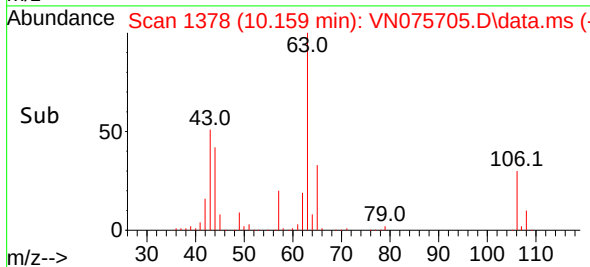
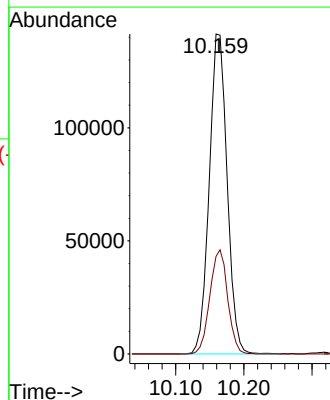
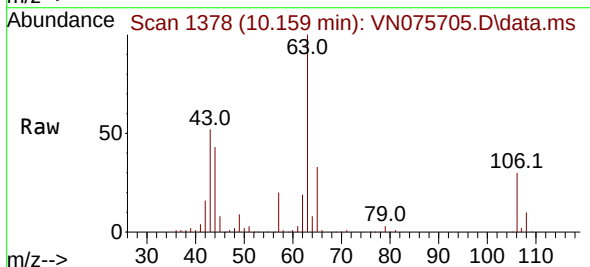
Acq: 12 Dec 2022 11:46

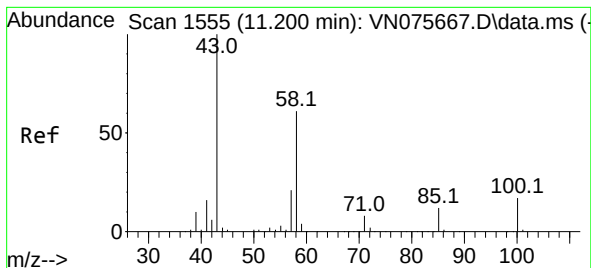
Tgt Ion: 63 Resp: 258487

Ion Ratio Lower Upper

63 100

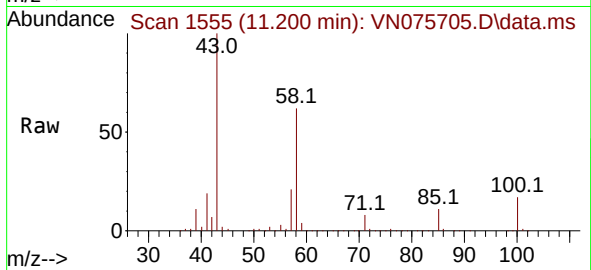
106 32.3 26.6 40.0





#59
2-Hexanone
Concen: 260.791 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

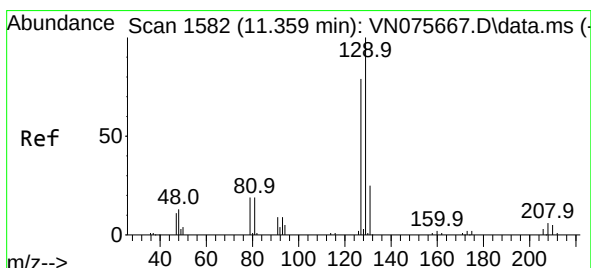
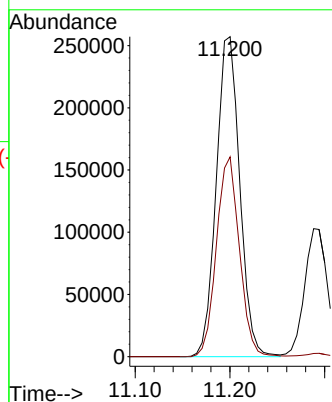
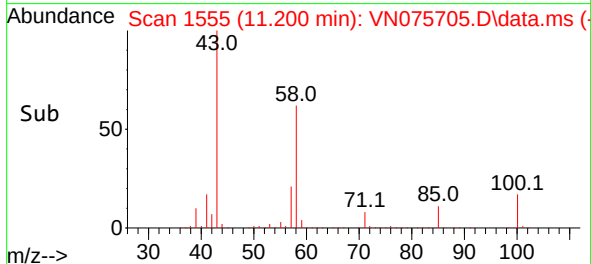
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 443712
Ion Ratio Lower Upper
43 100
58 61.0 30.9 92.5

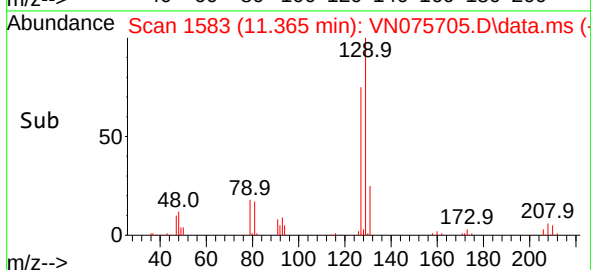
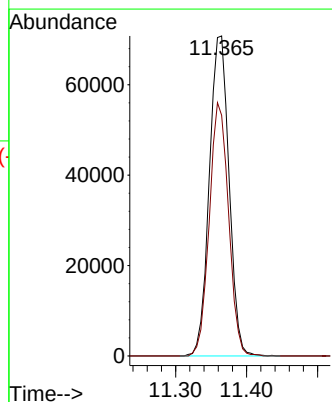
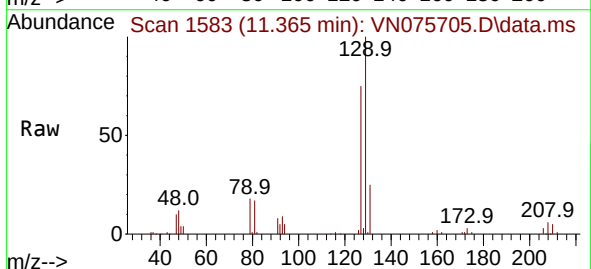
Manual Integrations
APPROVED

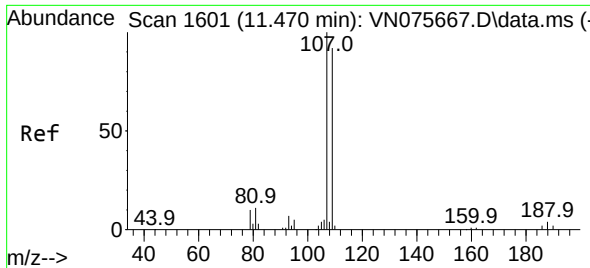
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 54.792 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion:129 Resp: 136254
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





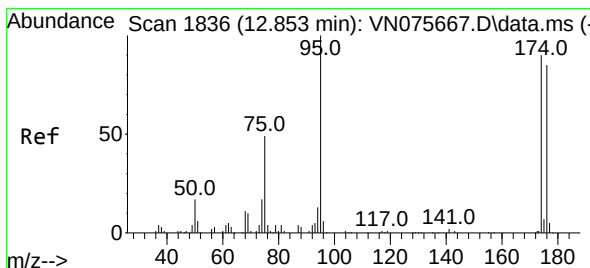
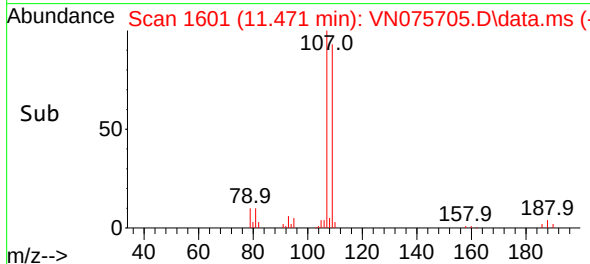
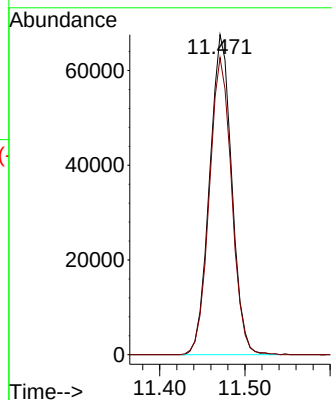
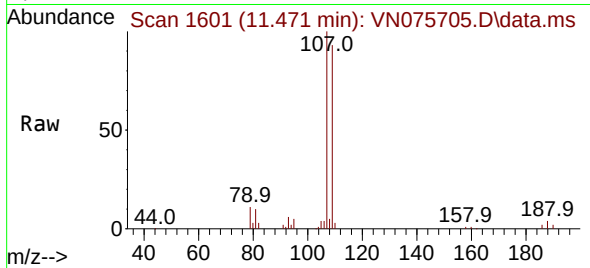
#61
1,2-Dibromoethane
Concen: 51.535 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 122010
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

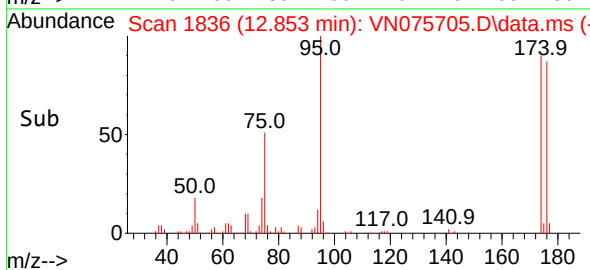
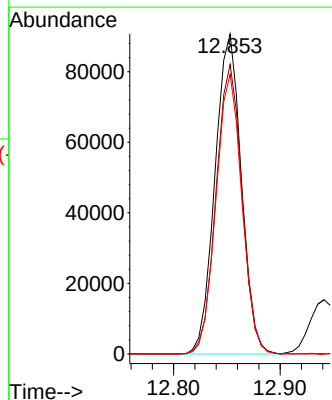
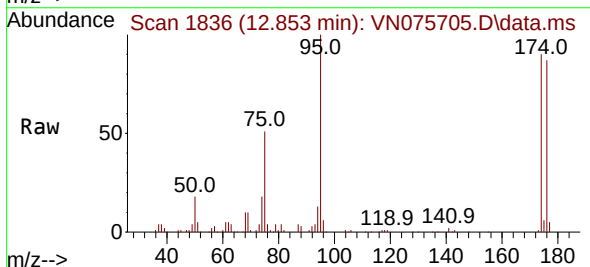
Manual Integrations
APPROVED

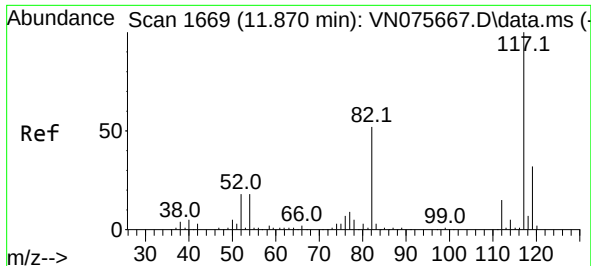
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#62
4-Bromofluorobenzene
Concen: 56.573 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

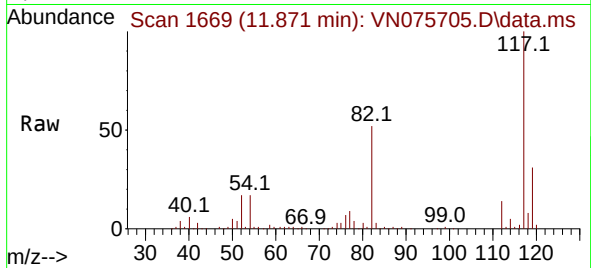
Tgt Ion: 95 Resp: 155007
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.6
176 86.2 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

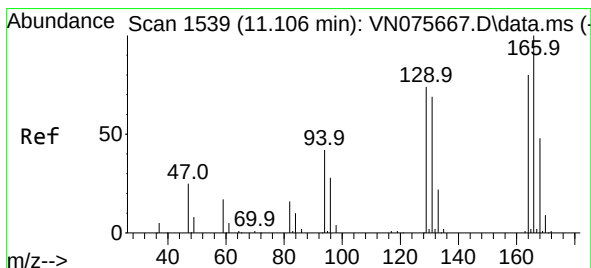
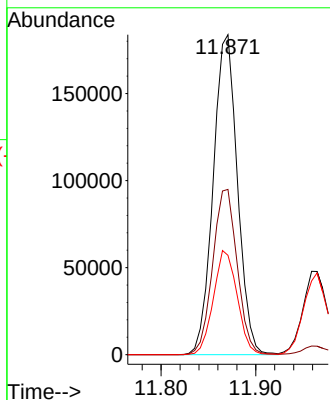
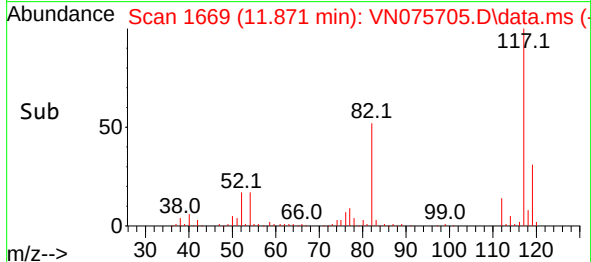
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



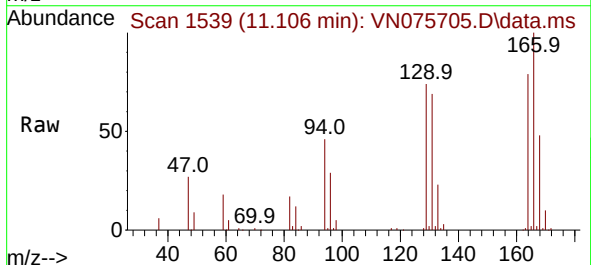
Tgt Ion:117 Resp: 327494
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 31.0 25.8 38.6

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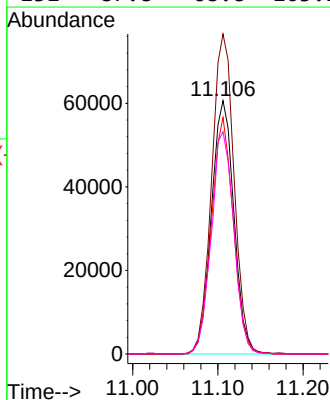
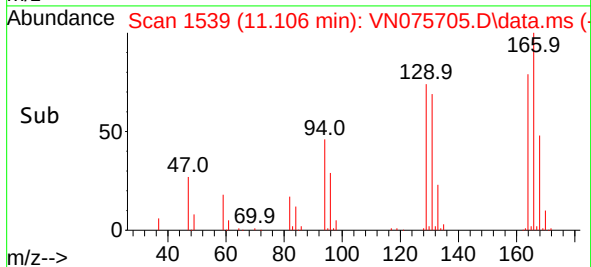
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

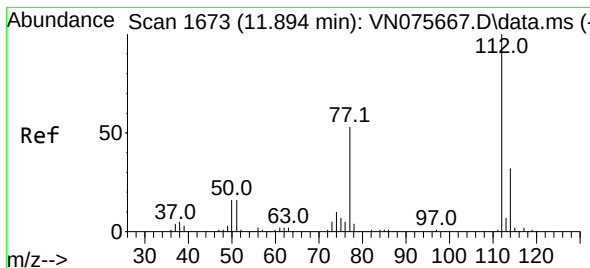


#64
Tetrachloroethene
Concen: 46.584 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



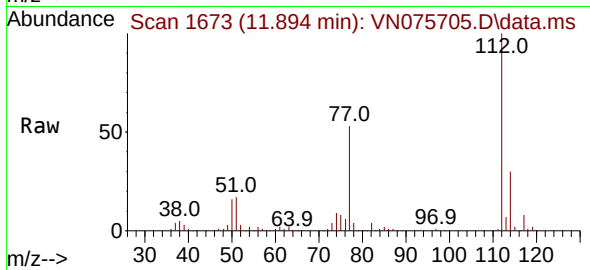
Tgt Ion:164 Resp: 111124
Ion Ratio Lower Upper
164 100
166 126.3 100.3 150.5
129 93.4 73.9 110.9
131 87.8 68.8 103.2





#65
Chlorobenzene
Concen: 49.877 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

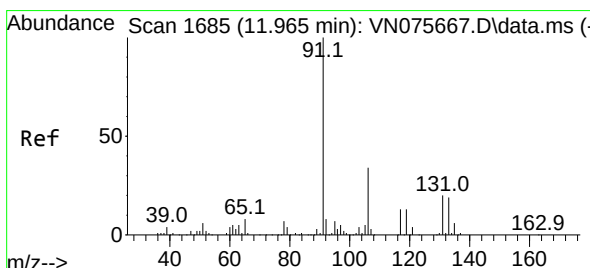
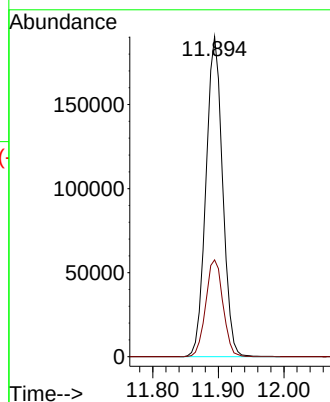
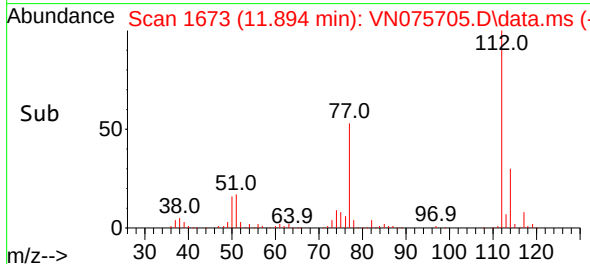
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



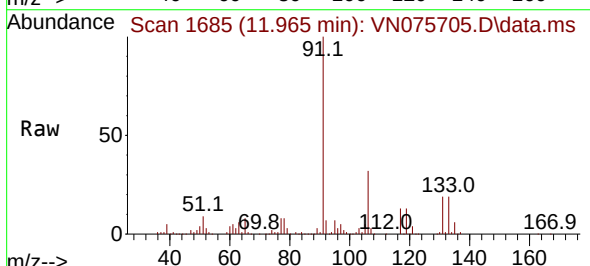
Tgt Ion:112 Resp: 33608
Ion Ratio Lower Upper
112 100
114 30.3 25.5 38.3

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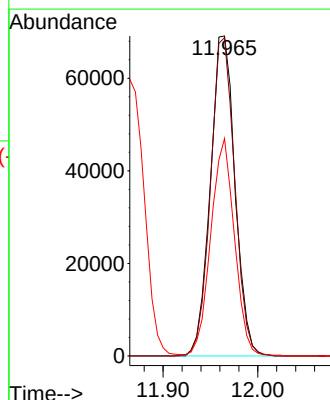
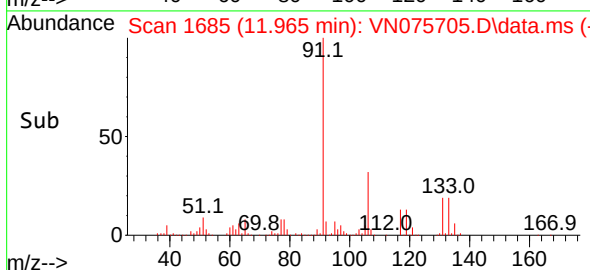
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

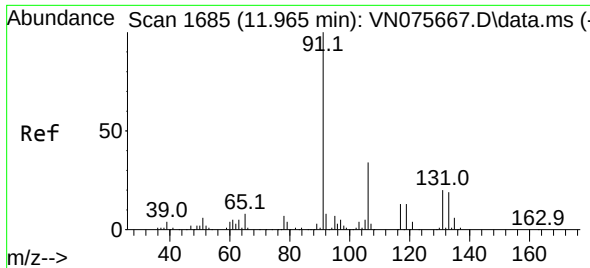


#66
1,1,1,2-Tetrachloroethane
Concen: 50.935 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



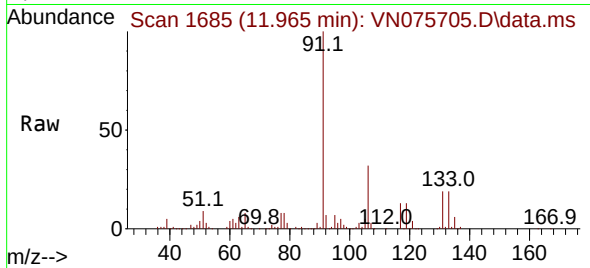
Tgt Ion:131 Resp: 124871
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.6
119 65.4 32.5 97.4





#67
Ethyl Benzene
Concen: 52.321 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

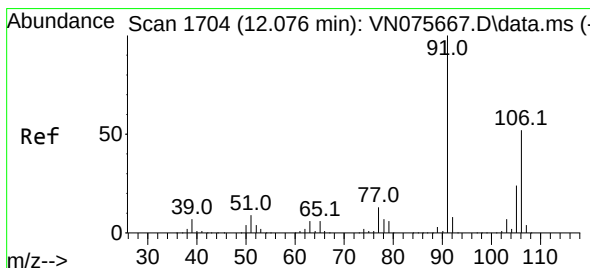
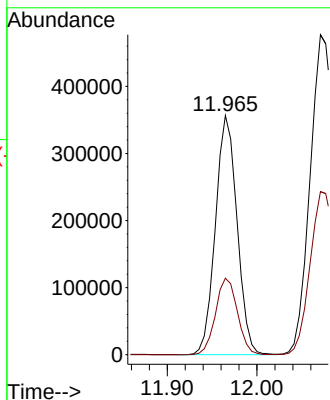
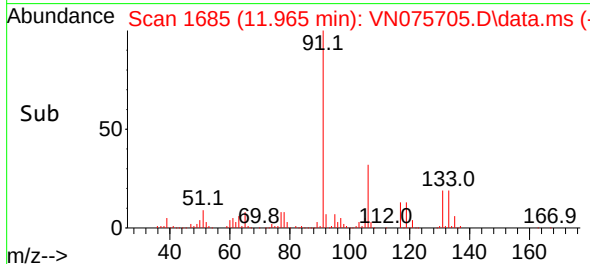
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



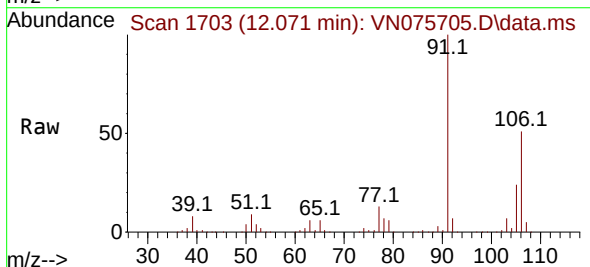
Tgt Ion: 91 Resp: 596410
Ion Ratio Lower Upper
91 100
106 32.0 26.9 40.3

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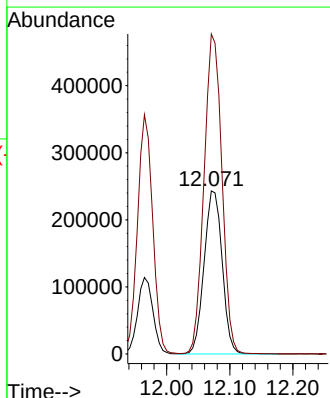
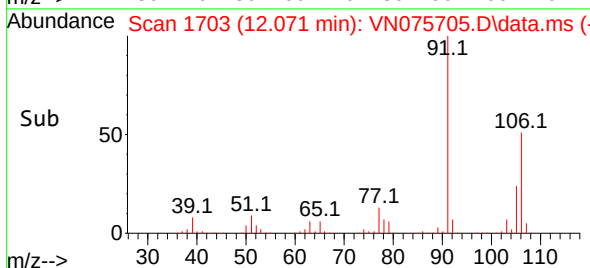
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

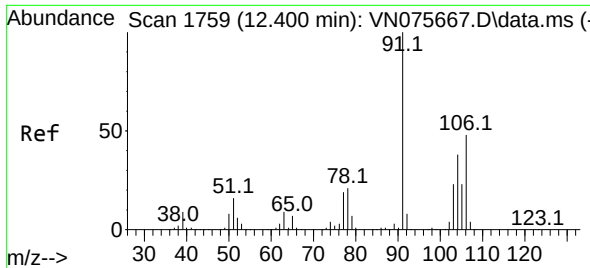


#68
m/p-Xylenes
Concen: 104.770 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion:106 Resp: 482565
Ion Ratio Lower Upper
106 100
91 194.0 156.2 234.4





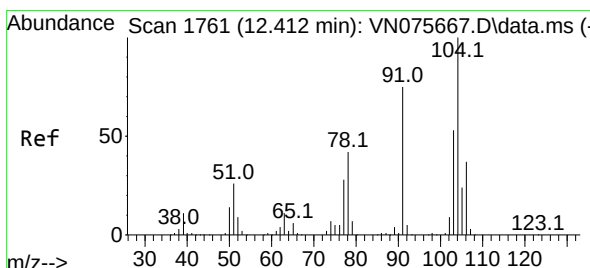
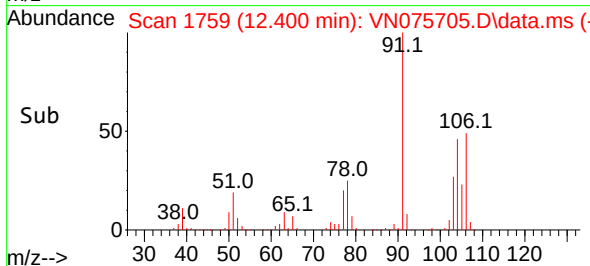
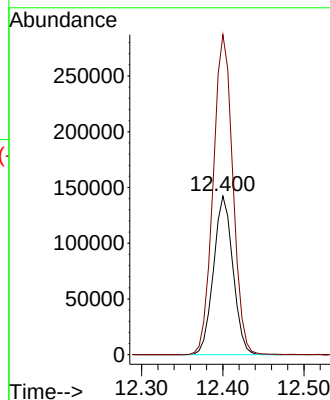
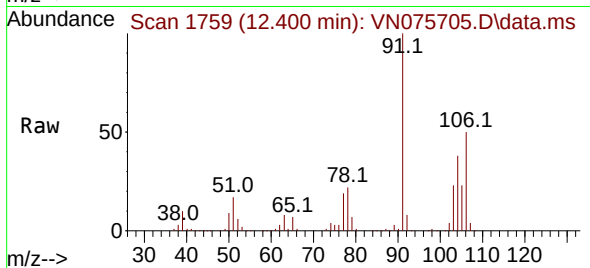
#69
o-Xylene
Concen: 52.888 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 236388
Ion Ratio Lower Upper
106 100
91 204.9 102.8 308.5

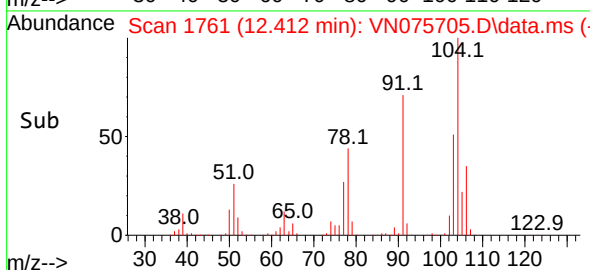
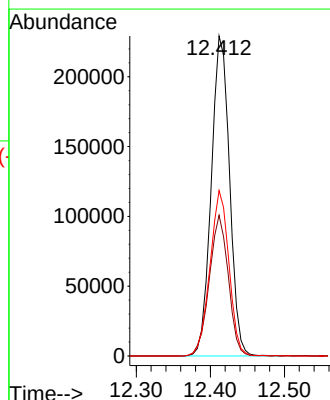
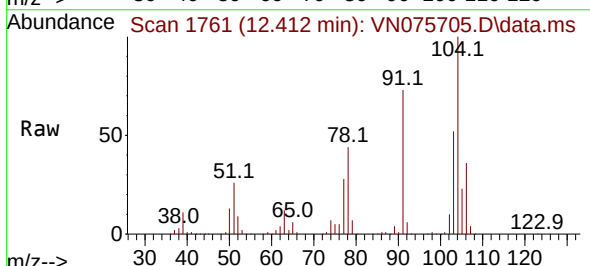
Manual Integrations
APPROVED

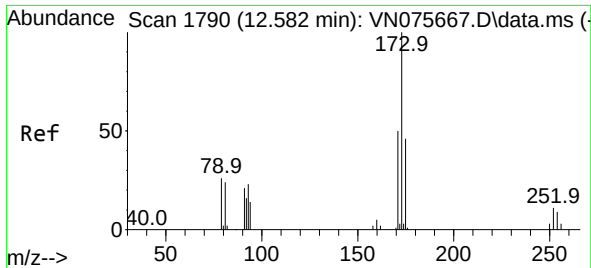
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 54.884 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

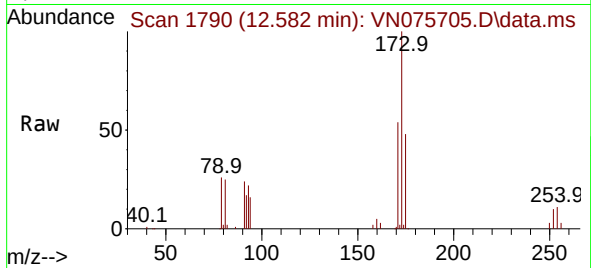
Tgt Ion:104 Resp: 393434
Ion Ratio Lower Upper
104 100
78 45.6 36.7 55.1
103 53.6 44.0 66.0





#71
Bromoform
Concen: 53.809 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

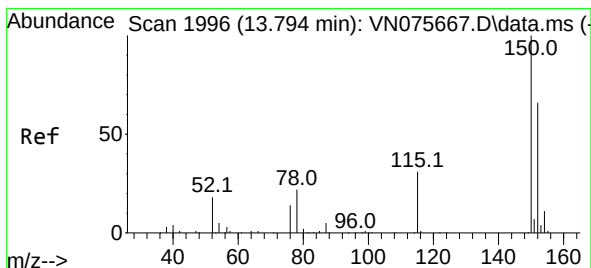
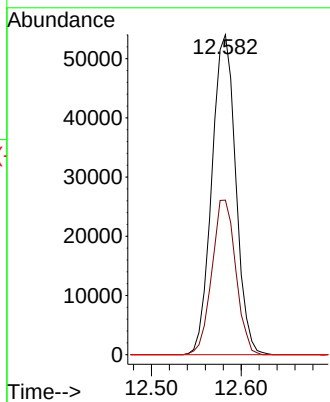
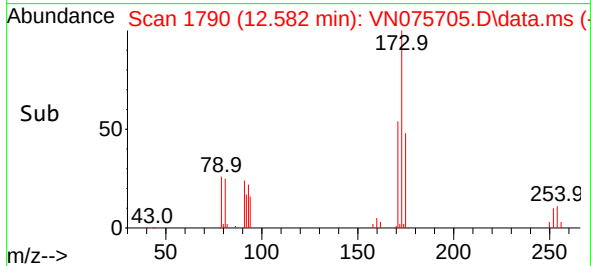
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



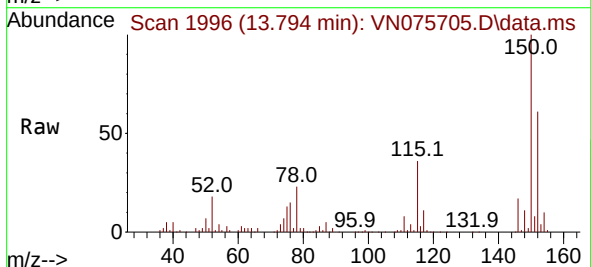
Tgt Ion:173 Resp: 9999
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

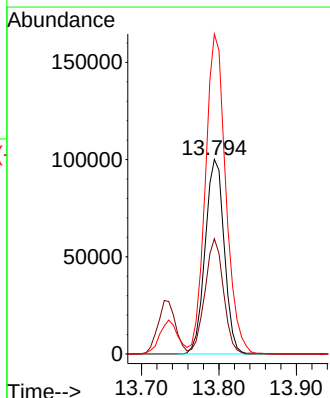
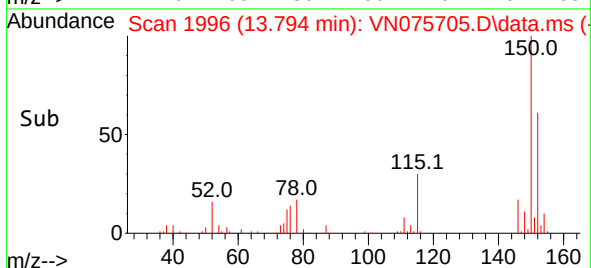
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

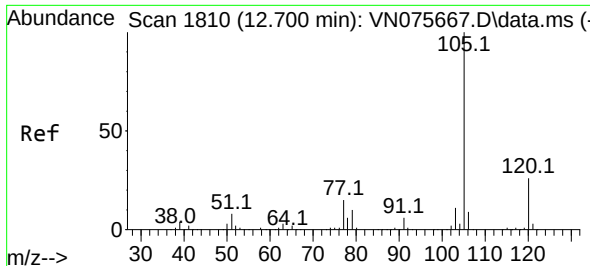


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion:152 Resp: 171559
Ion Ratio Lower Upper
152 100
115 57.4 28.4 85.2
150 176.0 0.0 347.6





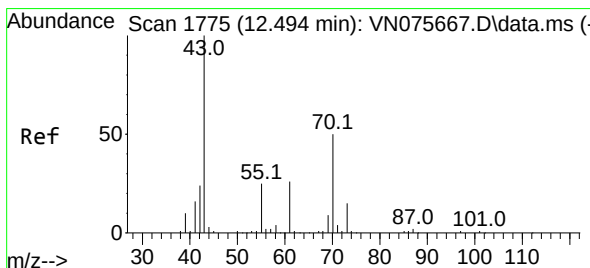
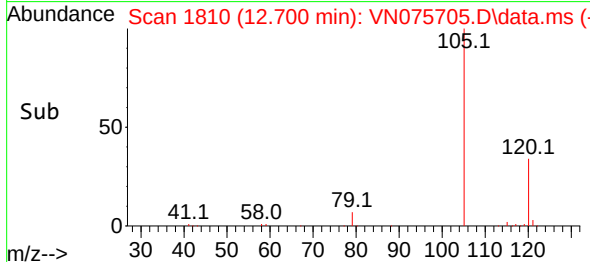
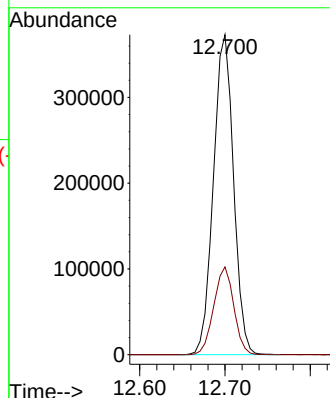
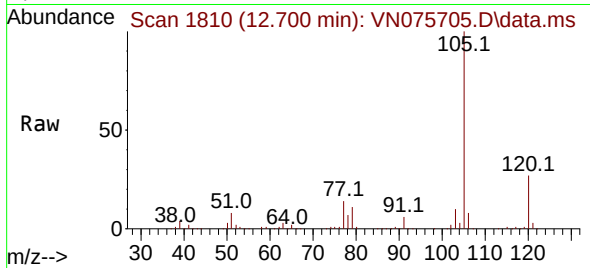
#73
Isopropylbenzene
Concen: 49.656 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 611672
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

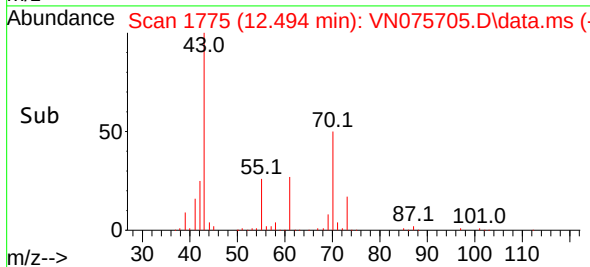
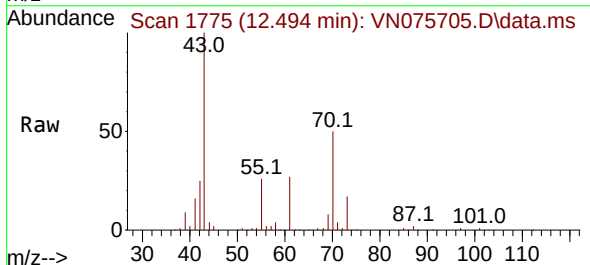
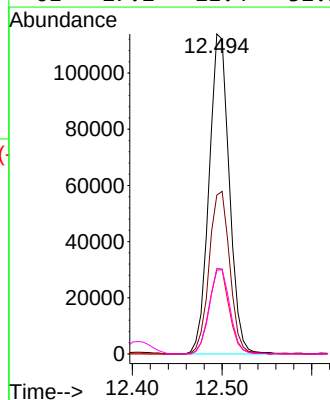
Manual Integrations
APPROVED

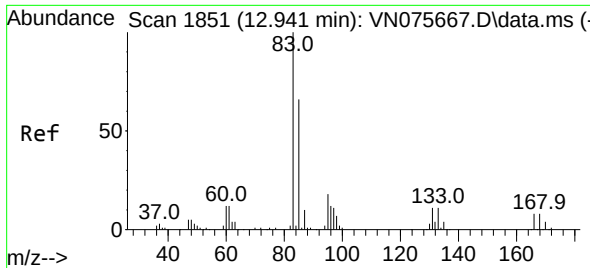
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#74
N-ethyl acetate
Concen: 49.838 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

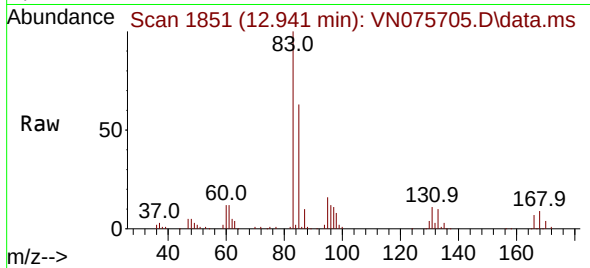
Tgt Ion: 43 Resp: 178377
Ion Ratio Lower Upper
43 100
70 51.8 41.0 61.6
55 26.5 20.7 31.1
61 27.2 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.057 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

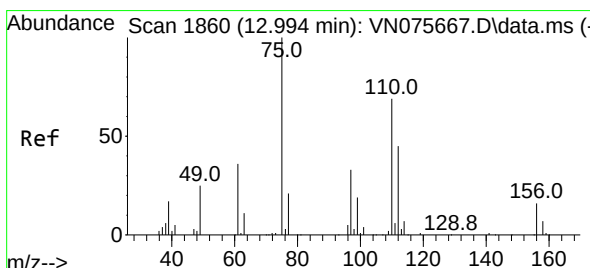
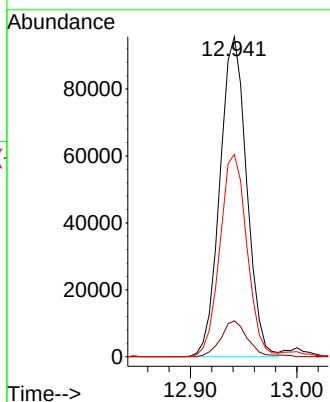
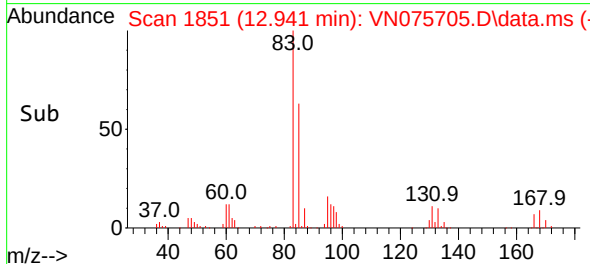
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



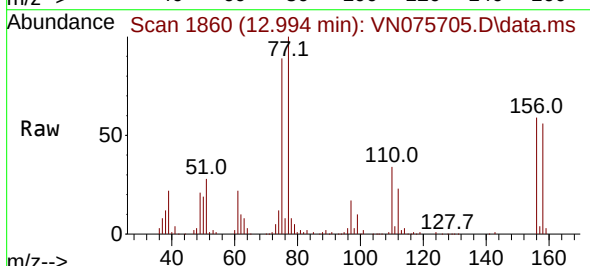
Tgt Ion: 83 Resp: 166728
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.0 32.6 97.7

Manual Integrations
APPROVED

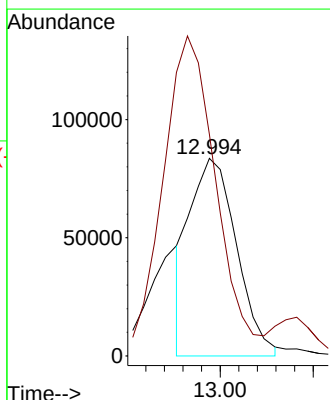
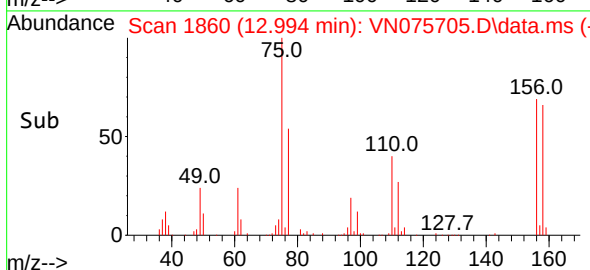
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

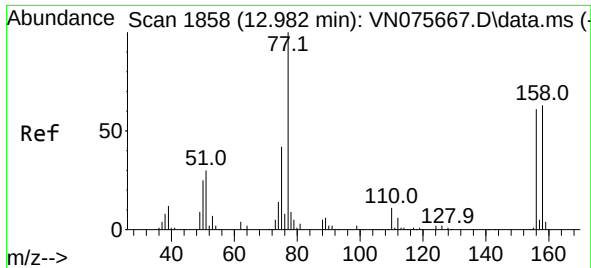


#76
1,2,3-Trichloropropane
Concen: 42.365 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



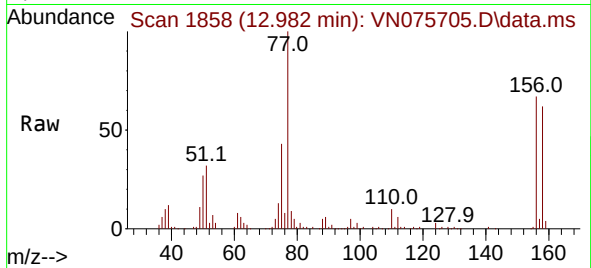
Tgt Ion: 75 Resp: 145962
Ion Ratio Lower Upper
75 100
77 184.6 81.8 245.4





#77
Bromobenzene
Concen: 49.236 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

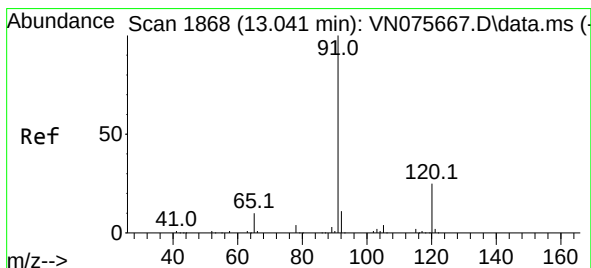
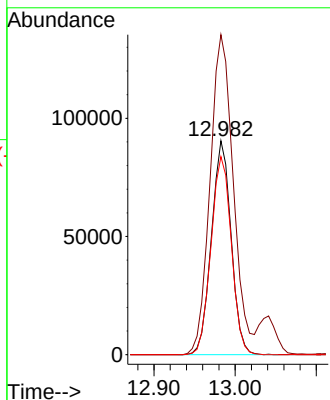
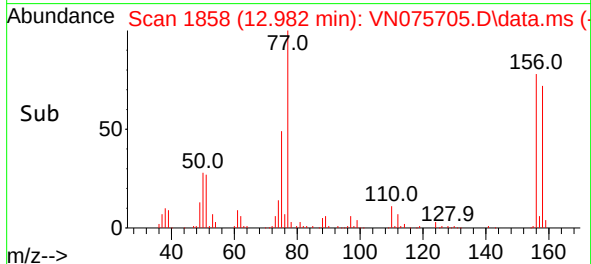
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



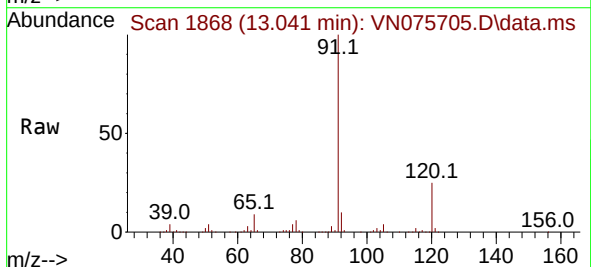
Tgt Ion:156 Resp: 152529
Ion Ratio Lower Upper
156 100
77 176.7 90.8 272.5
158 95.6 49.3 147.8

Manual Integrations
APPROVED

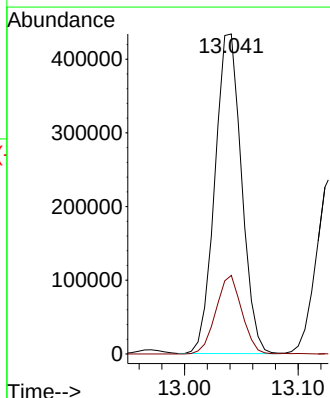
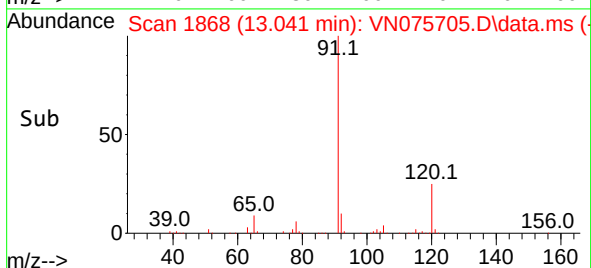
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

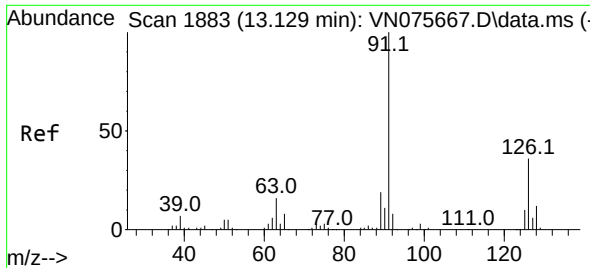


#78
n-propylbenzene
Concen: 51.848 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion: 91 Resp: 708717
Ion Ratio Lower Upper
91 100
120 23.8 12.1 36.3





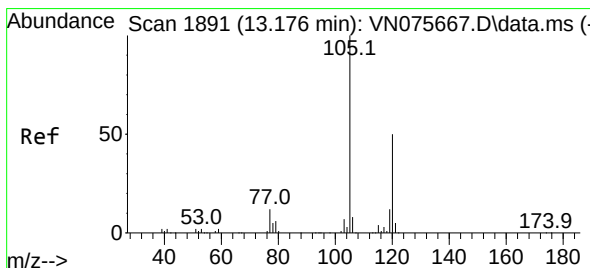
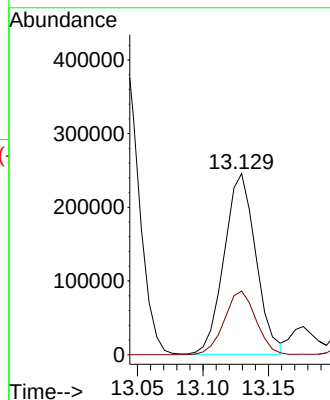
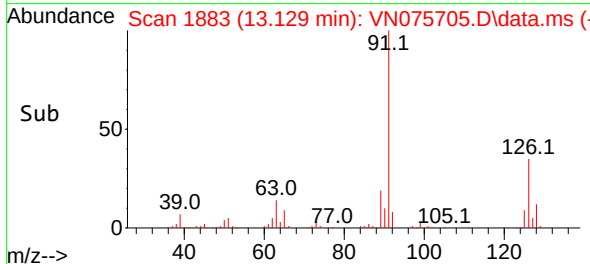
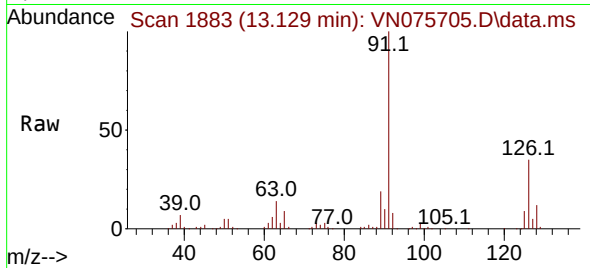
#79
2-Chlorotoluene
Concen: 48.954 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 41311
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4

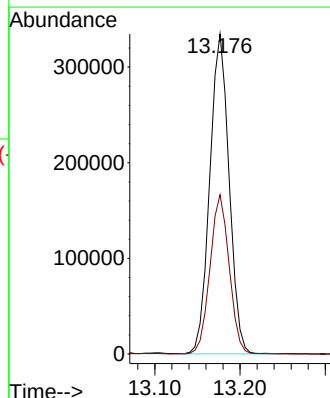
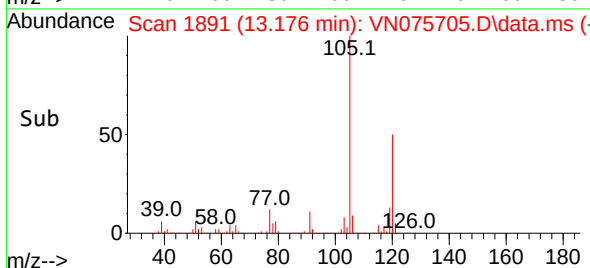
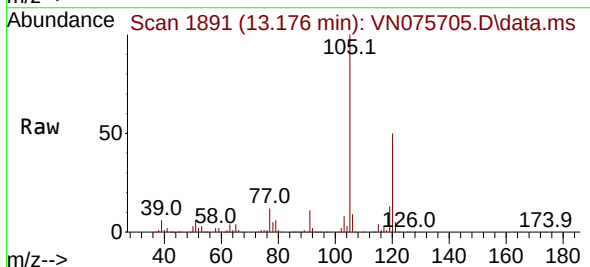
Manual Integrations
APPROVED

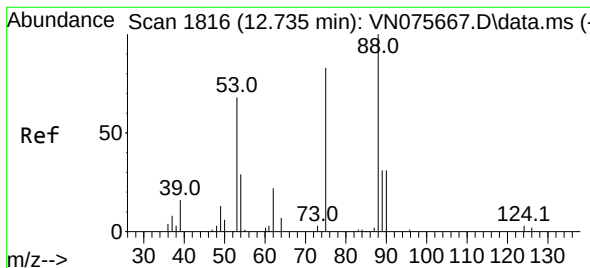
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.036 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Tgt Ion:105 Resp: 525601
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





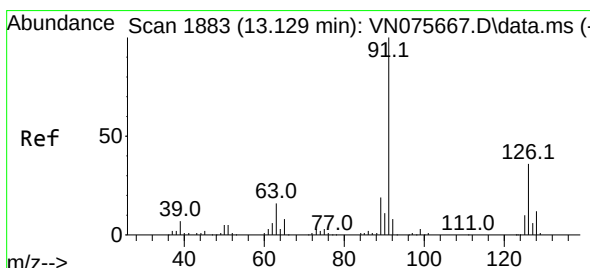
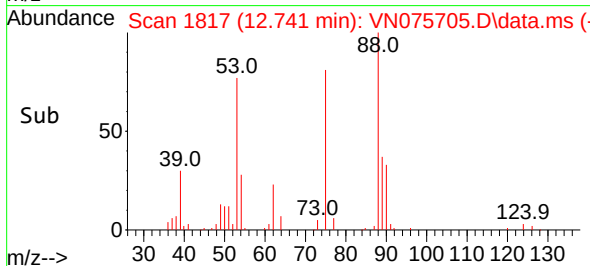
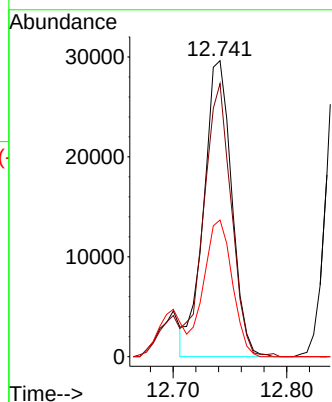
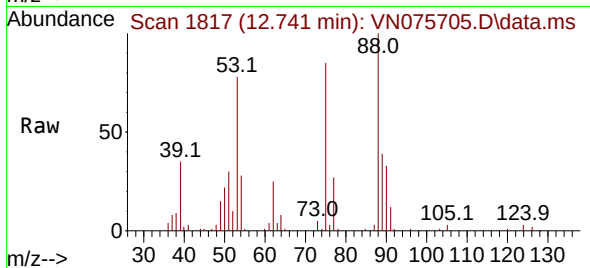
#81
trans-1,4-Dichloro-2-butene
Concen: 48.039 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 50682
Ion Ratio Lower Upper
75 100
53 91.1 72.4 108.6
89 46.9 36.6 55.0

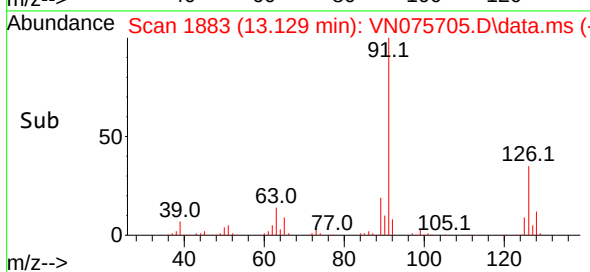
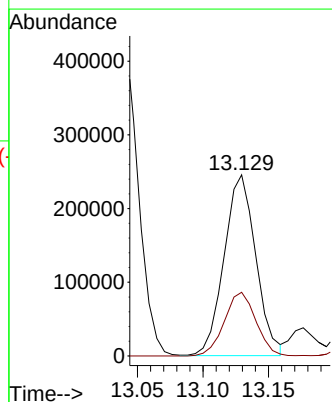
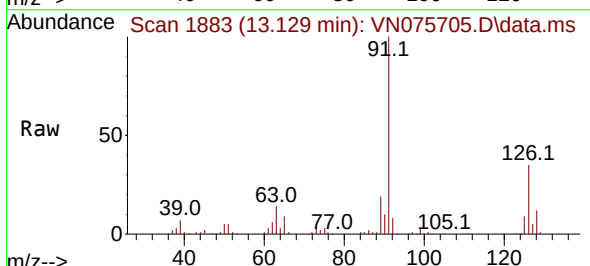
Manual Integrations
APPROVED

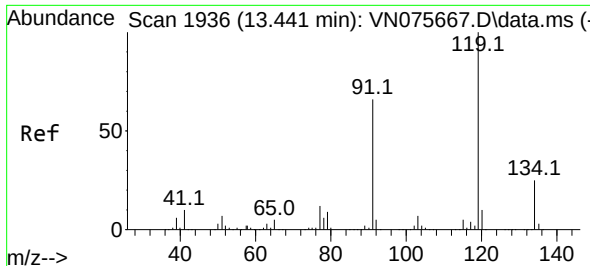
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#82
4-Chlorotoluene
Concen: 48.954 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

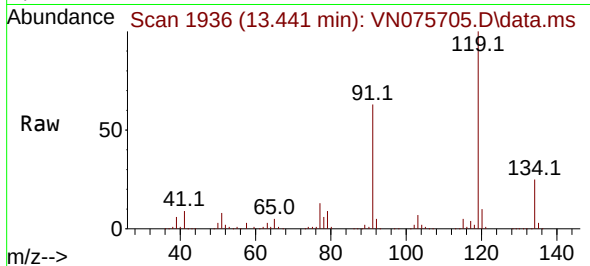
Tgt Ion: 91 Resp: 413117
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4





#83
tert-Butylbenzene
Concen: 48.559 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

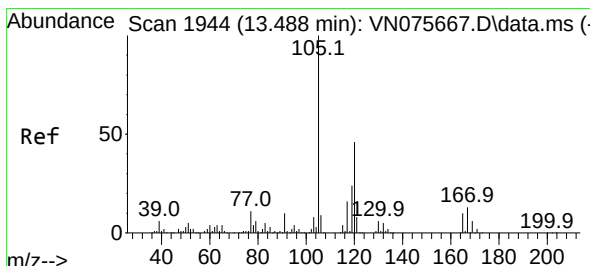
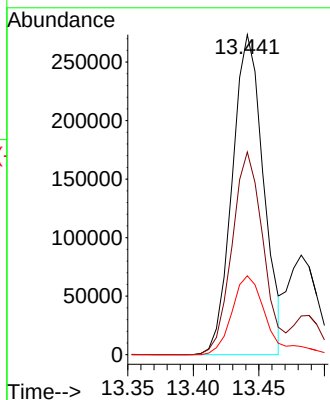
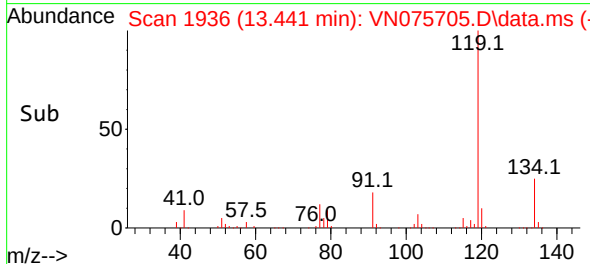
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



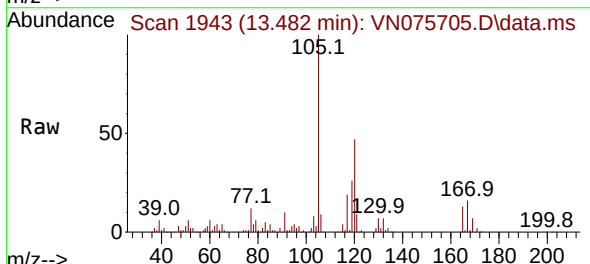
Tgt Ion:119 Resp: 453508
Ion Ratio Lower Upper
119 100
91 63.7 31.9 95.9
134 27.4 13.9 41.7

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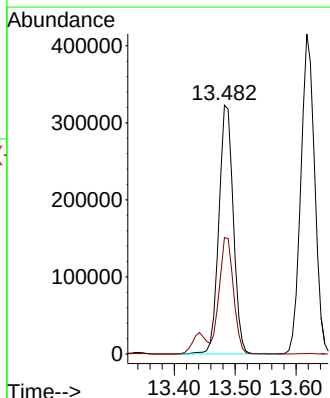
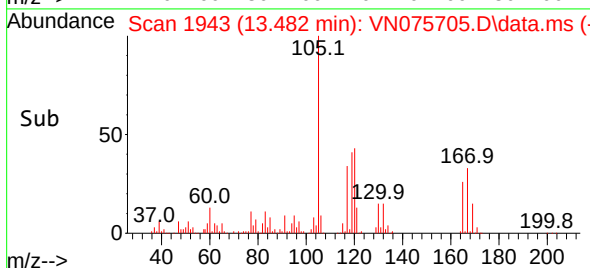
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

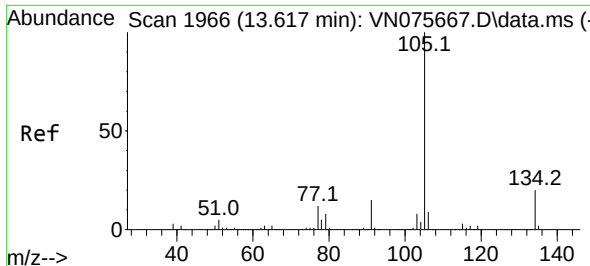


#84
1,2,4-Trimethylbenzene
Concen: 51.308 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



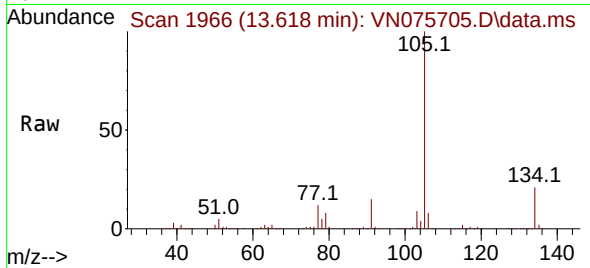
Tgt Ion:105 Resp: 531076
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 50.923 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46

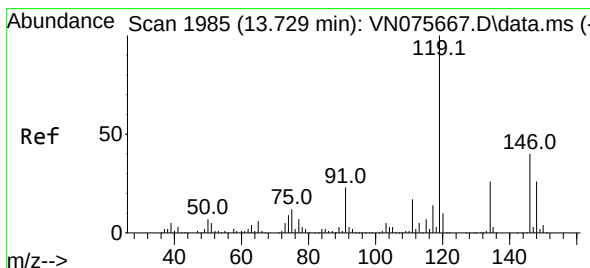
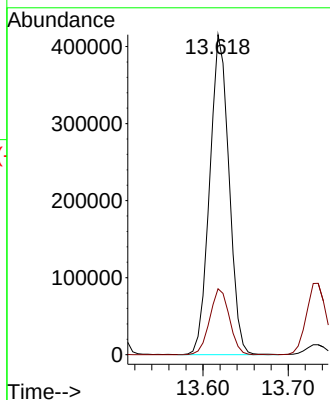
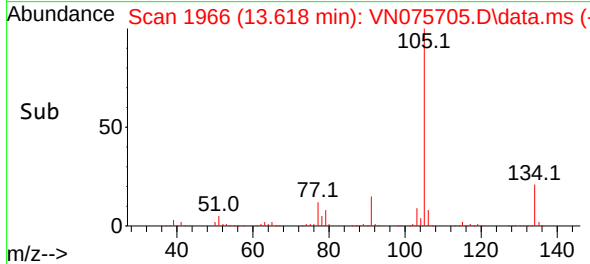
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



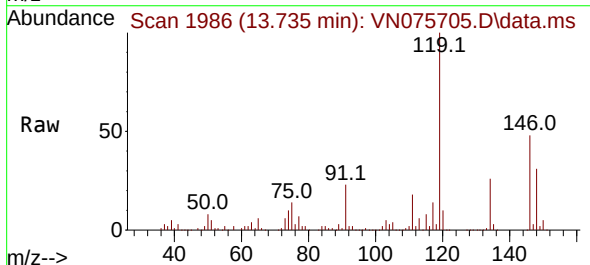
Tgt Ion:105 Resp: 65381
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

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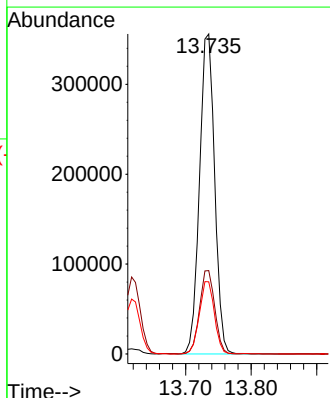
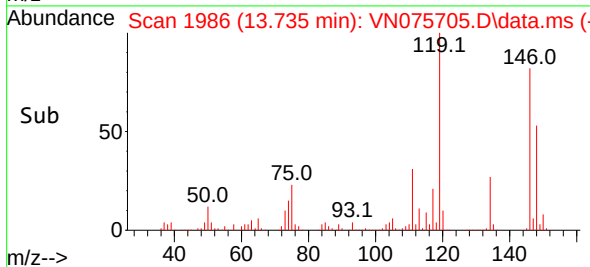
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

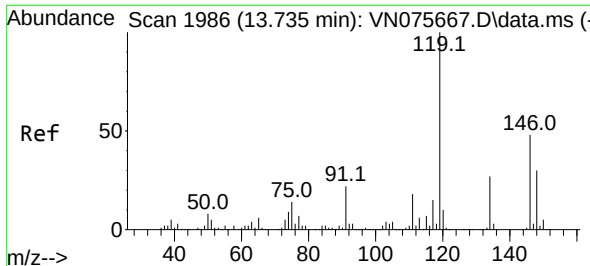


#86
 p-Isopropyltoluene
 Concen: 53.325 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46



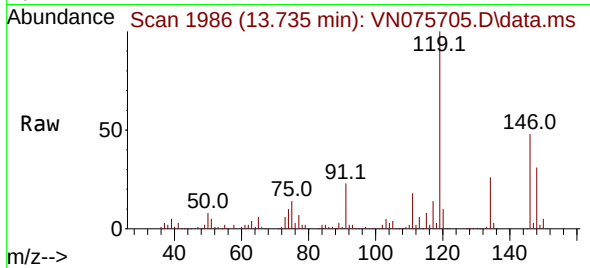
Tgt Ion:119 Resp: 572868
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 22.6 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 49.772 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46

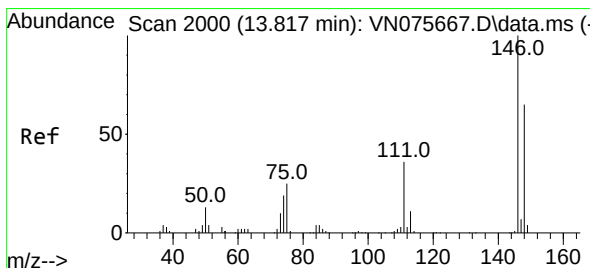
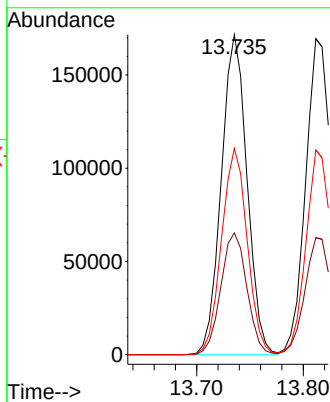
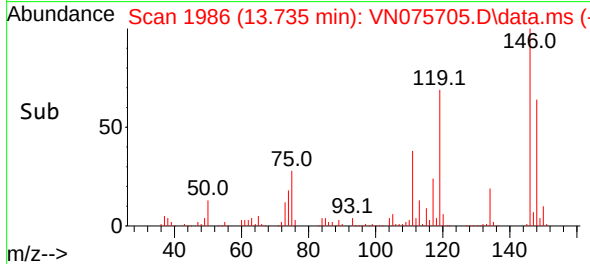
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



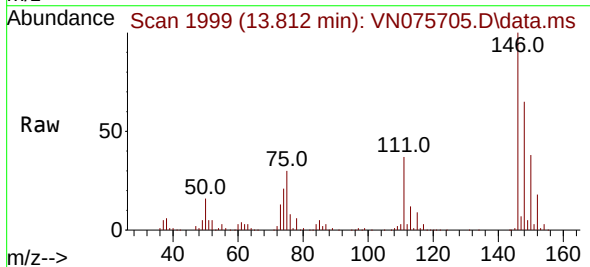
Tgt Ion:146 Resp: 288349
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.8 59.3
 148 64.4 32.1 96.3

Manual Integrations
 APPROVED

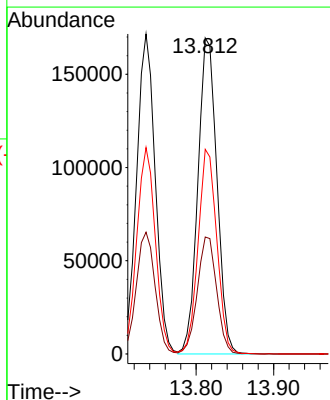
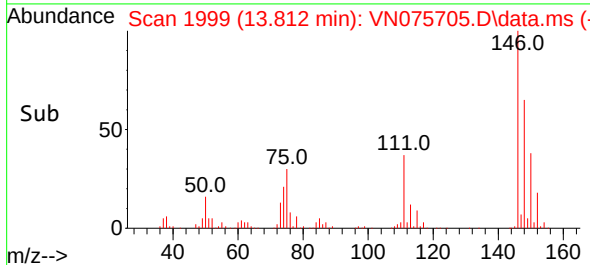
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

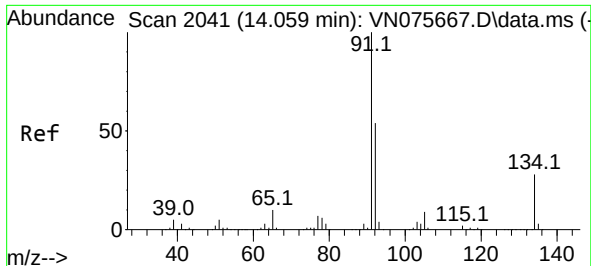


#88
 1,4-Dichlorobenzene
 Concen: 49.078 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VN075705.D
 Acq: 12 Dec 2022 11:46



Tgt Ion:146 Resp: 289209
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 55.254 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

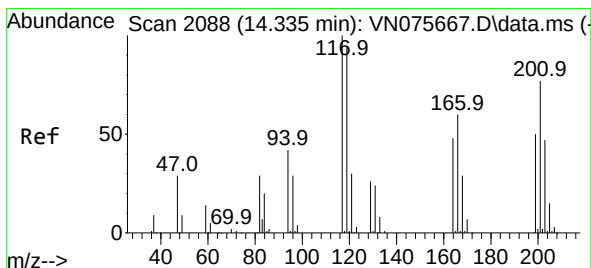
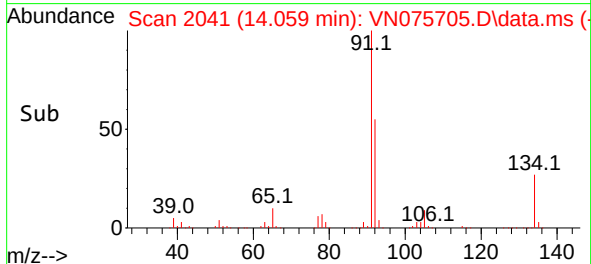
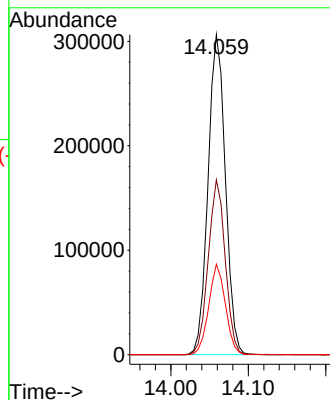
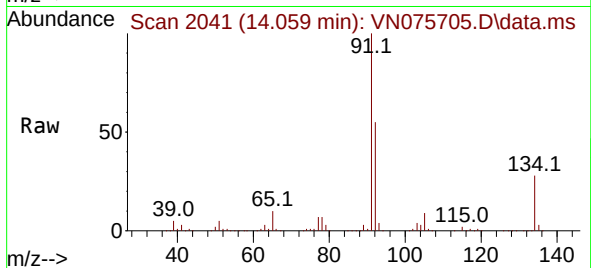
Tgt Ion: 91 Resp: 475758
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.7 80.1
 134 27.2 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#90

Hexachloroethane

Concen: 52.832 ug/l

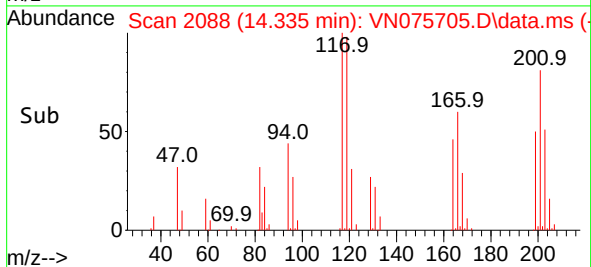
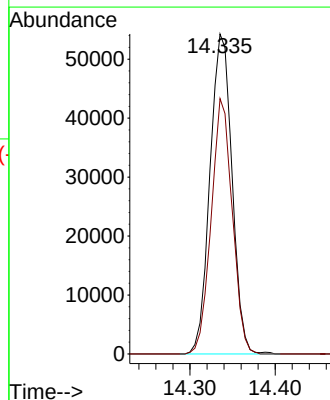
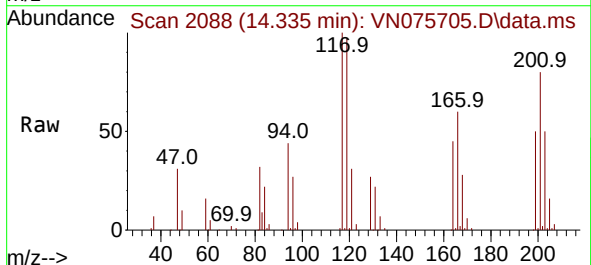
RT: 14.335 min Scan# 2088

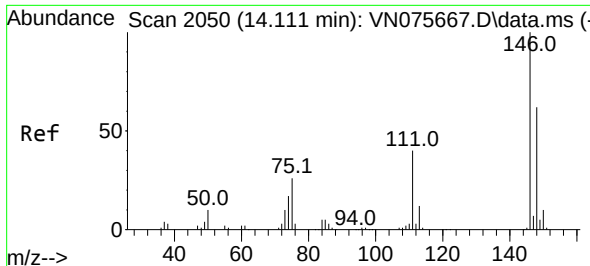
Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Tgt Ion:117 Resp: 97217
 Ion Ratio Lower Upper
 117 100
 201 76.5 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 49.012 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 282544

Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.3

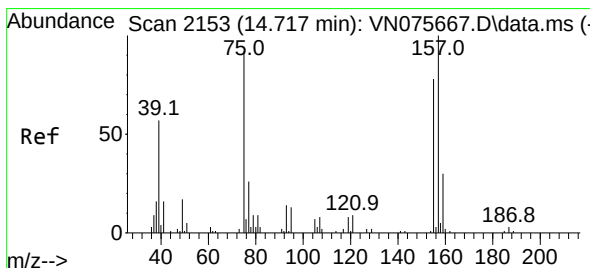
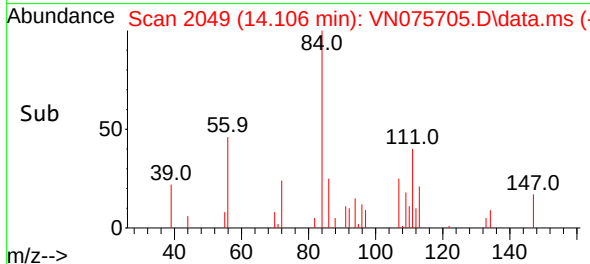
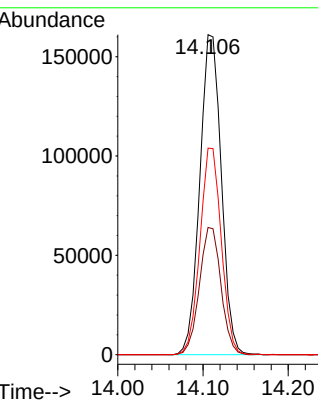
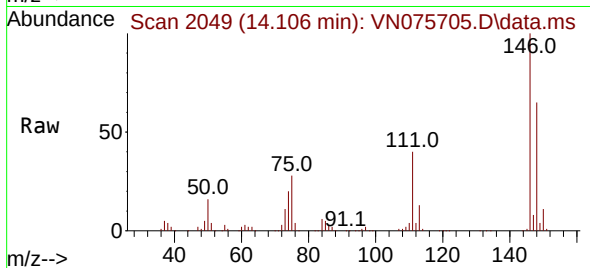
148 64.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.965 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

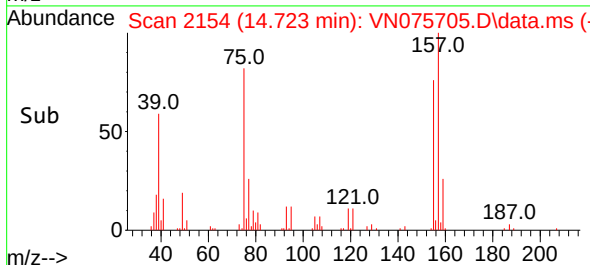
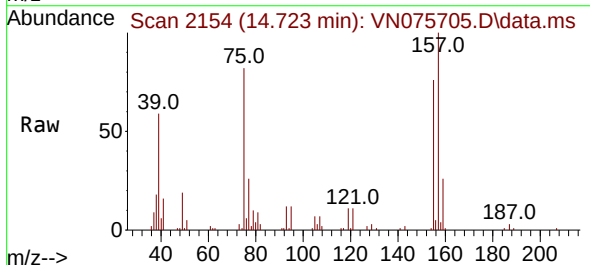
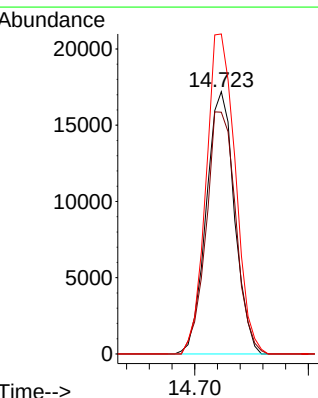
Tgt Ion: 75 Resp: 29773

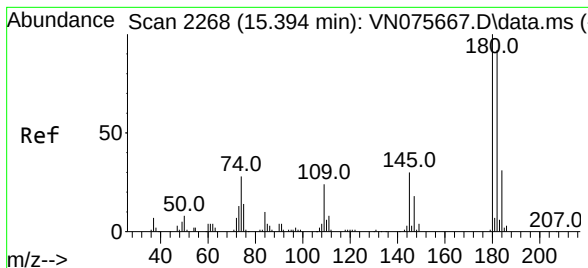
Ion Ratio Lower Upper

75 100

155 96.1 48.4 145.2

157 126.0 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 54.740 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

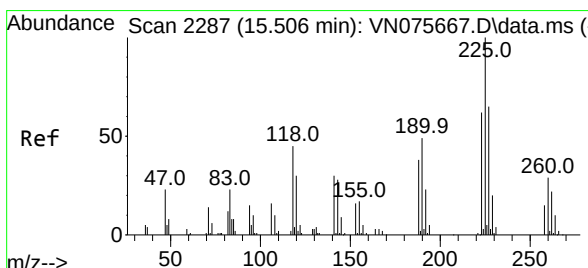
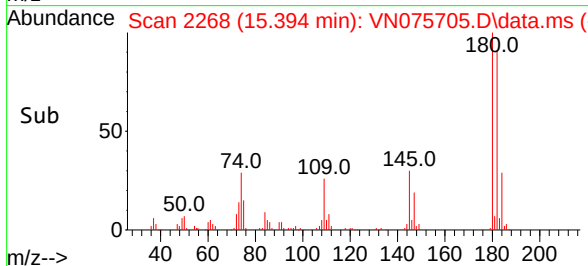
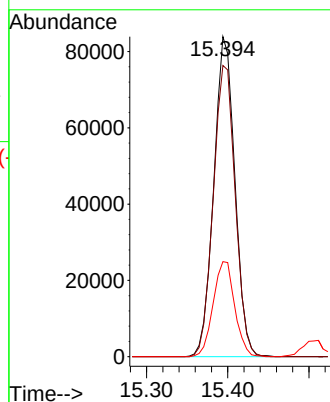
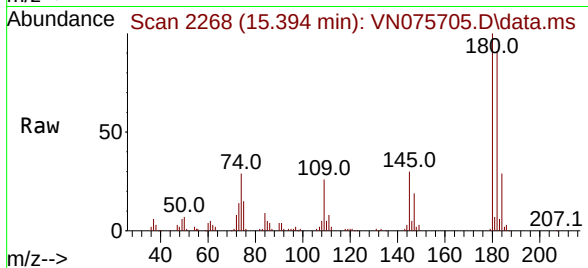
Tgt Ion:	180	Resp:	151504
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.1	141.3
145	30.3	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#94

Hexachlorobutadiene

Concen: 50.384 ug/l

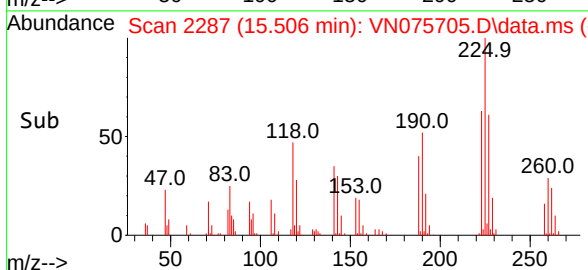
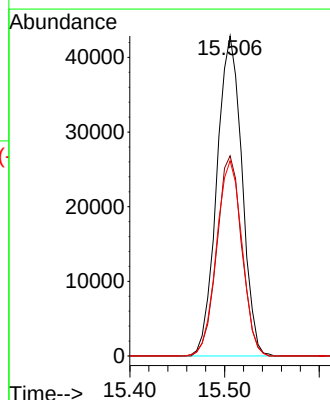
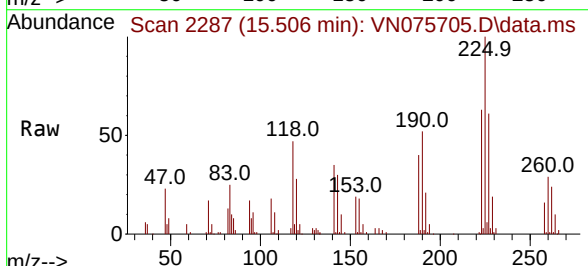
RT: 15.506 min Scan# 2287

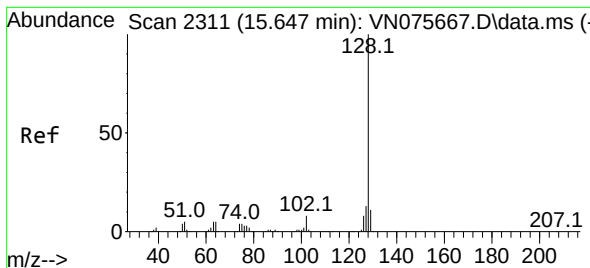
Delta R.T. 0.000 min

Lab File: VN075705.D

Acq: 12 Dec 2022 11:46

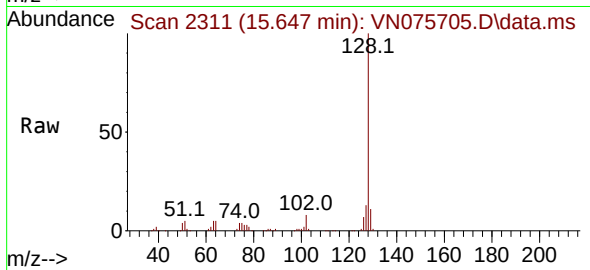
Tgt Ion:	225	Resp:	79119
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.4	94.2
227	61.9	31.3	93.9





#95
Naphthalene
Concen: 50.057 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46

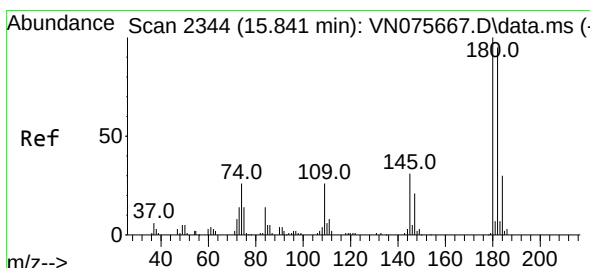
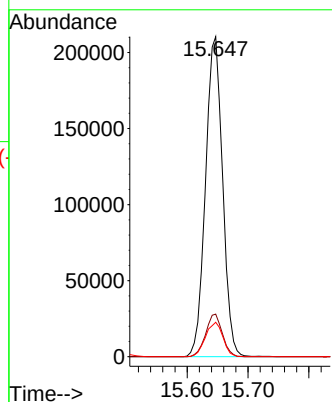
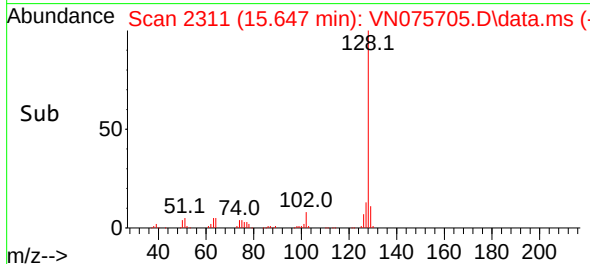
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



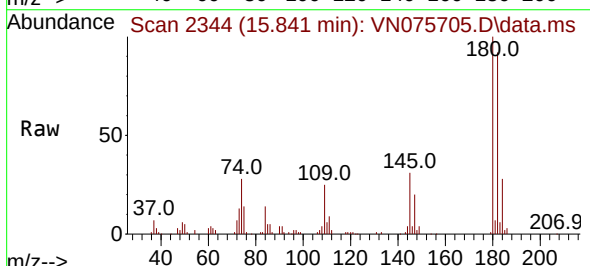
Tgt Ion:128 Resp: 409468
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.052 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075705.D
Acq: 12 Dec 2022 11:46



Tgt Ion:180 Resp: 141557
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.4
145 33.0 15.6 46.8

