

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075053.D
 Acq On : 28 Oct 2022 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 03:08:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	100358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69049	51.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	8.171	113	56017	51.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	10.571	98	228869	54.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.847	95	88829	60.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	60880	46.632	ug/l	99
3) Chloromethane	2.371	50	59652	43.016	ug/l	99
4) Vinyl Chloride	2.524	62	93341	47.183	ug/l	94
5) Bromomethane	2.918	94	70507	49.766	ug/l	99
6) Chloroethane	3.089	64	66069	46.574	ug/l	94
7) Trichlorofluoromethane	3.489	101	100284	49.624	ug/l	99
8) Diethyl Ether	3.965	74	37017	50.219	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	55159	49.423	ug/l	99
10) Methyl Iodide	4.589	142	81476	49.038	ug/l	99
11) Tert butyl alcohol	5.542	59	68744	218.000	ug/l	100
12) 1,1-Dichloroethene	4.342	96	52084	48.960	ug/l	98
13) Acrolein	4.189	56	65828	255.217	ug/l	98
14) Allyl chloride	5.024	41	72110	46.411	ug/l	93
15) Acrylonitrile	5.724	53	159394	239.283	ug/l	99
16) Acetone	4.436	43	167389	292.353	ug/l	99
17) Carbon Disulfide	4.712	76	128022	47.855	ug/l	97
18) Methyl Acetate	5.030	43	90845	48.574	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	199523	50.462	ug/l	97
20) Methylene Chloride	5.277	84	62596	49.033	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	57685	49.524	ug/l	97
22) Diisopropyl ether	6.677	45	175600	51.213	ug/l	93
23) Vinyl Acetate	6.606	43	725432m	253.362	ug/l	
24) 1,1-Dichloroethane	6.571	63	109300	50.402	ug/l	100
25) 2-Butanone	7.488	43	221748	246.229	ug/l	98
26) 2,2-Dichloropropane	7.494	77	104450	52.357	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	70989	51.035	ug/l	99
28) Bromochloromethane	7.818	49	47556	52.022	ug/l	100
29) Tetrahydrofuran	7.841	42	138491	237.980	ug/l	100
30) Chloroform	7.971	83	121809	51.735	ug/l	96
31) Cyclohexane	8.259	56	98217	48.837	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	111953	52.361	ug/l	99
36) 1,1-Dichloropropene	8.377	75	89860	53.867	ug/l	99
37) Ethyl Acetate	7.565	43	84899	46.407	ug/l	100
38) Carbon Tetrachloride	8.365	117	96988	52.855	ug/l	98
39) Methylcyclohexane	9.600	83	120094	54.532	ug/l	96
40) Benzene	8.606	78	267657	52.402	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42660	48.672	ug/l	95
42) 1,2-Dichloroethane	8.677	62	98865	53.203	ug/l	100
43) Isopropyl Acetate	8.688	43	141723	49.943	ug/l	99
44) Trichloroethene	9.353	130	66357	51.783	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62763	51.634	ug/l	99
46) Dibromomethane	9.706	93	50037	52.837	ug/l	97
47) Bromodichloromethane	9.888	83	98122	53.504	ug/l	98
48) Methyl methacrylate	9.682	41	65213	50.098	ug/l	98
49) 1,4-Dioxane	9.700	88	33502	982.849	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	459670	251.022	ug/l	100
52) Toluene	10.629	92	191030	55.949	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	110451	57.060	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	112766	54.925	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	72354	53.444	ug/l	99
56) Ethyl methacrylate	10.877	69	112434	54.445	ug/l	98
57) 1,3-Dichloropropane	11.165	76	120824	53.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	202205	253.278	ug/l	99
59) 2-Hexanone	11.194	43	358448	257.911	ug/l	100
60) Dibromochloromethane	11.359	129	79461	55.632	ug/l	100
61) 1,2-Dibromoethane	11.471	107	76570	55.189	ug/l	100
64) Tetrachloroethene	11.106	164	57617	52.427	ug/l	96
65) Chlorobenzene	11.894	112	198352	51.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	73118	51.513	ug/l	99
67) Ethyl Benzene	11.965	91	370507	53.821	ug/l	99
68) m/p-Xylenes	12.076	106	301850	109.278	ug/l	99
69) o-Xylene	12.400	106	148836	54.485	ug/l	99
70) Styrene	12.412	104	243956	56.009	ug/l	99
71) Bromoform	12.582	173	56508	53.174	ug/l #	99
73) Isopropylbenzene	12.700	105	385327	50.857	ug/l	99
74) N-amyl acetate	12.494	43	135902	48.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	117831	54.118	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	87716m	43.773	ug/l	
77) Bromobenzene	12.982	156	82499	49.451	ug/l	99
78) n-propylbenzene	13.035	91	455560	53.553	ug/l	99
79) 2-Chlorotoluene	13.123	91	267622	51.484	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	342343	53.795	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	42563	54.524	ug/l	94
82) 4-Chlorotoluene	13.123	91	267622	51.484	ug/l	99
83) tert-Butylbenzene	13.441	119	293249	51.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	344538	53.509	ug/l	100
85) sec-Butylbenzene	13.618	105	428326	54.147	ug/l	99
86) p-Isopropyltoluene	13.729	119	364417	55.781	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	171800	52.595	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	170903	52.866	ug/l	99
89) n-Butylbenzene	14.059	91	303142	57.622	ug/l	100
90) Hexachloroethane	14.335	117	61754	51.555	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	169325	52.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24537	48.011	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	77511	55.469	ug/l	99
94) Hexachlorobutadiene	15.500	225	35768	52.505	ug/l	98
95) Naphthalene	15.641	128	288162	53.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	77881	56.092	ug/l	99

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QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

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ClientSampleId :

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Manual Integrations

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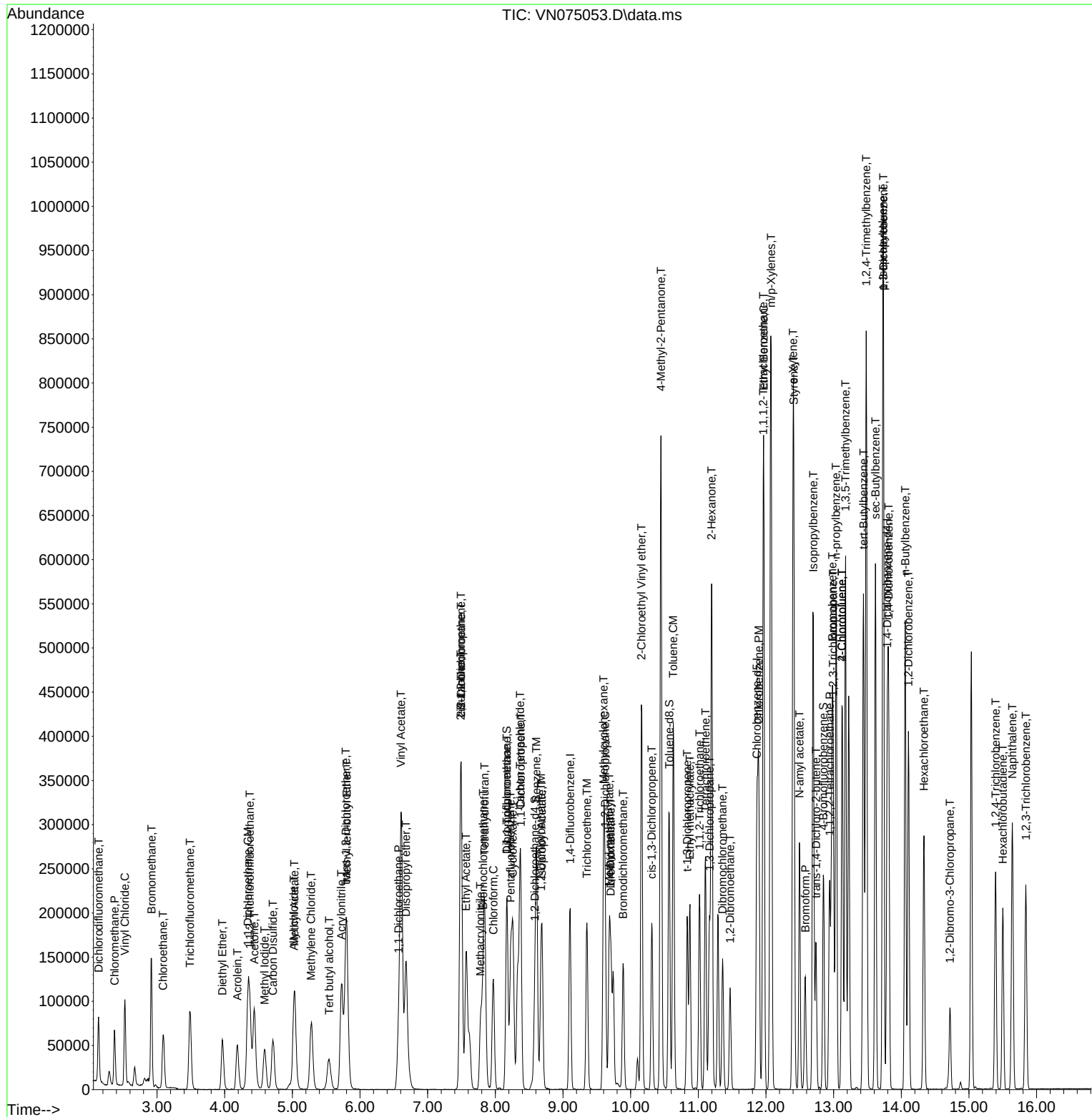
Quant Time: Oct 31 03:08:17 2022

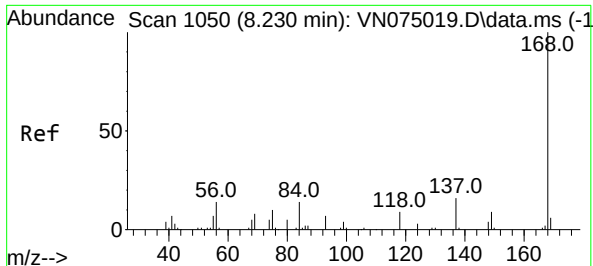
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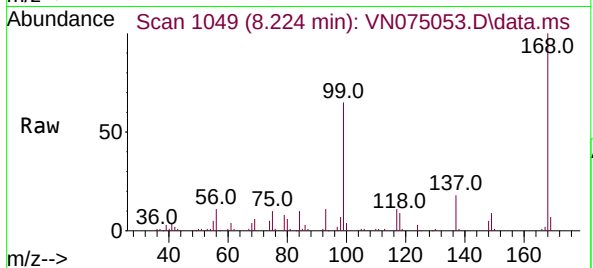
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075053.D
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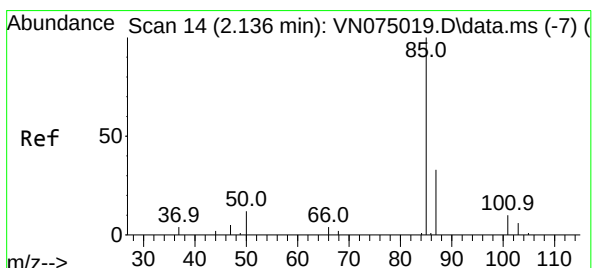
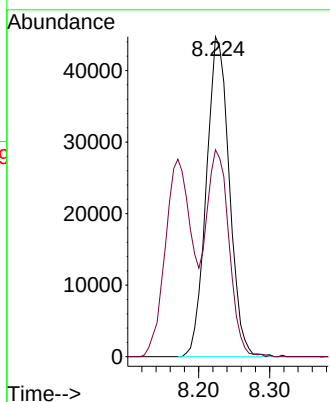
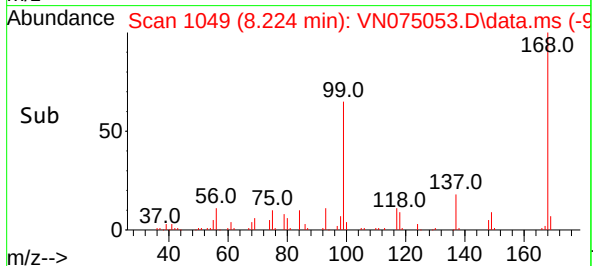
Instrument :
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Tgt Ion:168 Resp: 100358
Ion Ratio Lower Upper
168 100
99 64.7 51.6 77.4

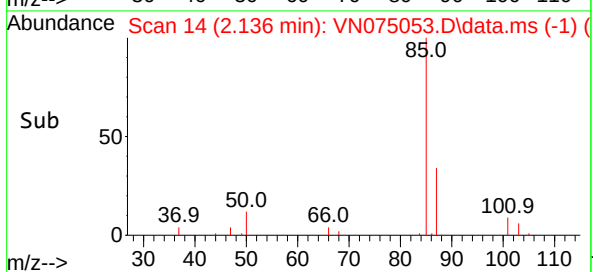
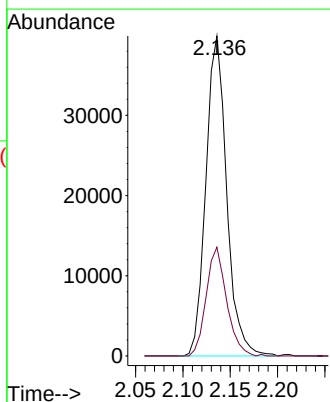
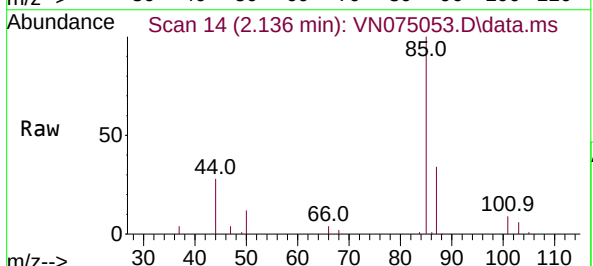
Manual Integrations
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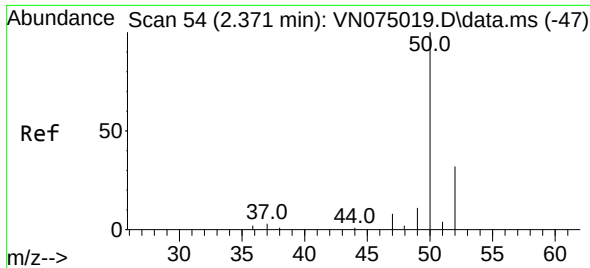
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 46.632 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

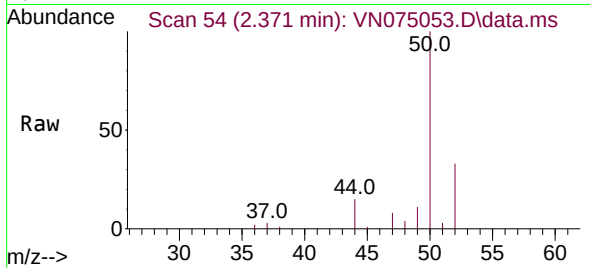
Tgt Ion: 85 Resp: 60880
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.0





#3
Chloromethane
Concen: 43.016 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

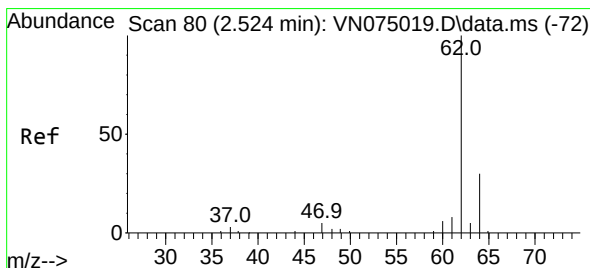
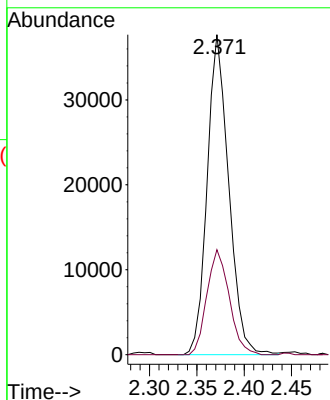
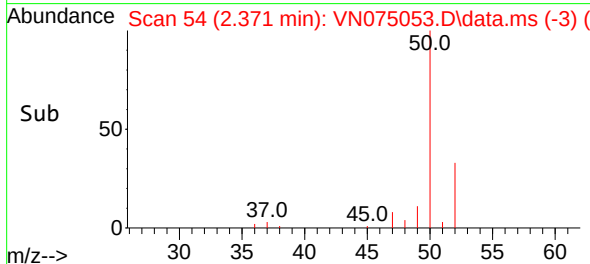
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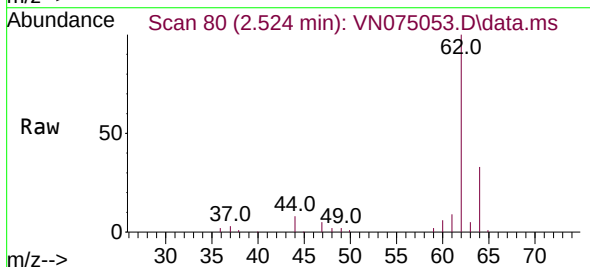
Tgt Ion: 50 Resp: 59652
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6

Manual Integrations
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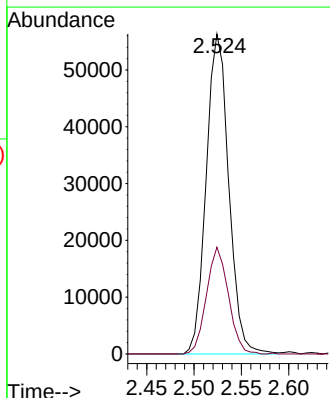
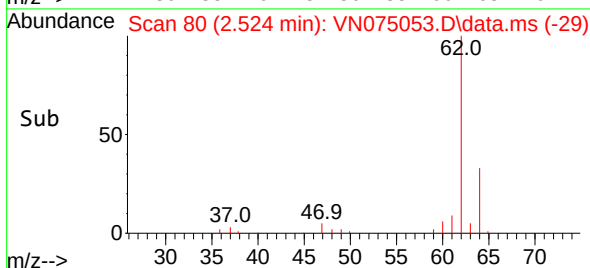
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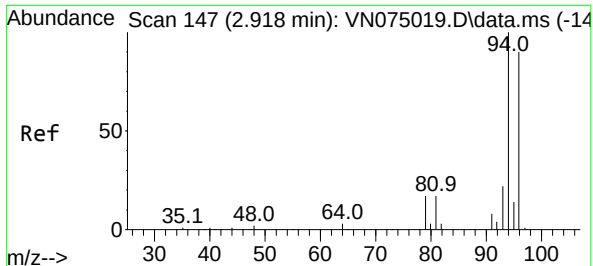


#4
Vinyl Chloride
Concen: 47.183 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



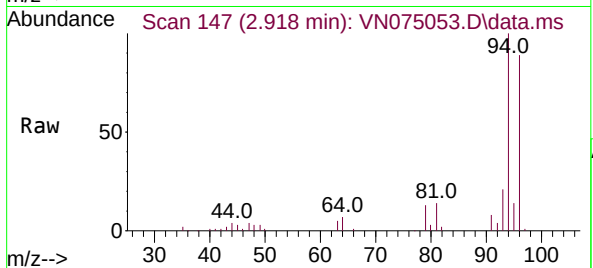
Tgt Ion: 62 Resp: 93341
Ion Ratio Lower Upper
62 100
64 33.3 24.0 36.0





#5
Bromomethane
Concen: 49.766 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

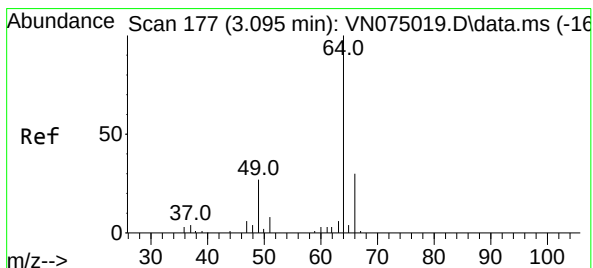
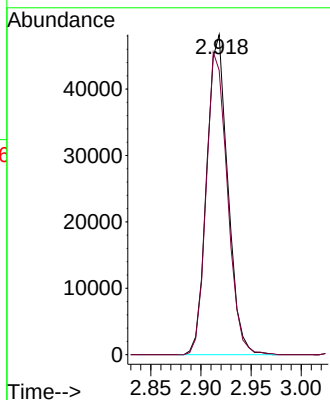
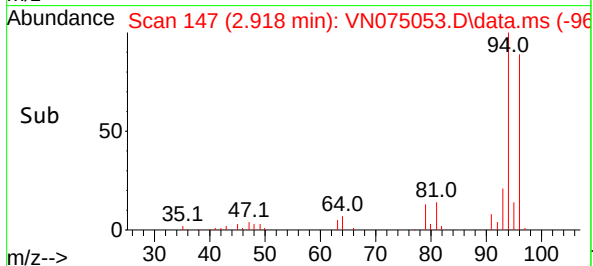
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Tgt Ion: 94 Resp: 70507
Ion Ratio Lower Upper
94 100
96 88.9 71.8 107.6

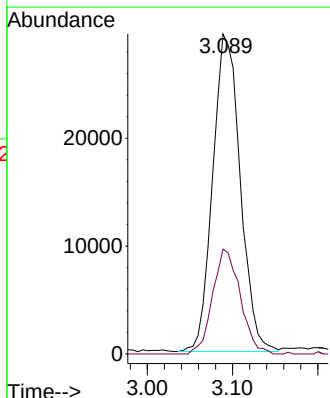
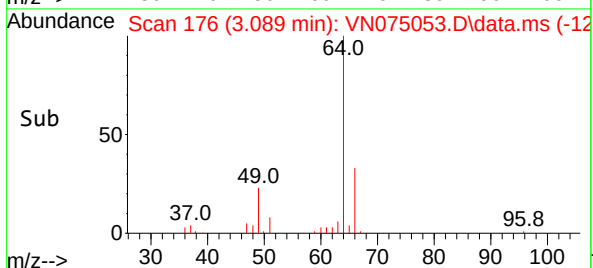
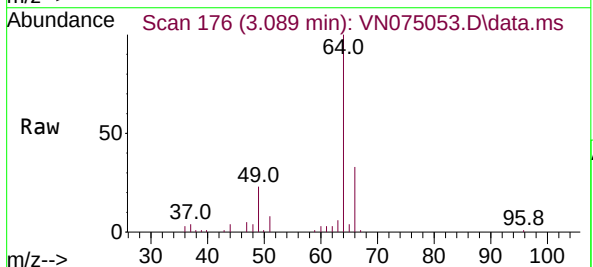
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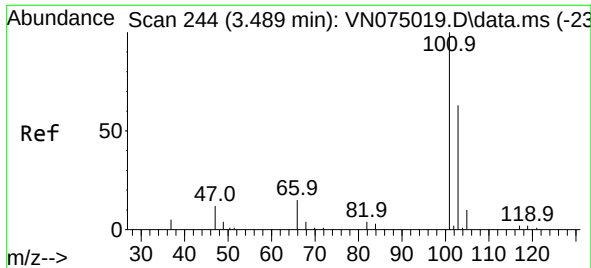
Reviewed By :John Carlone 10/31/2022
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#6
Chloroethane
Concen: 46.574 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN075053.D
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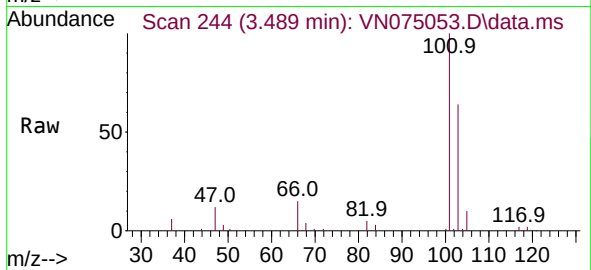
Tgt Ion: 64 Resp: 66069
Ion Ratio Lower Upper
64 100
66 33.0 23.8 35.8





#7
Trichlorofluoromethane
Concen: 49.624 ug/l
RT: 3.489 min Scan# 244
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

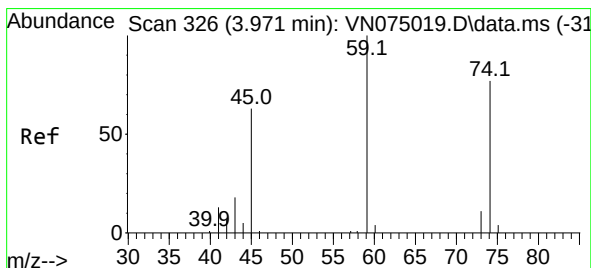
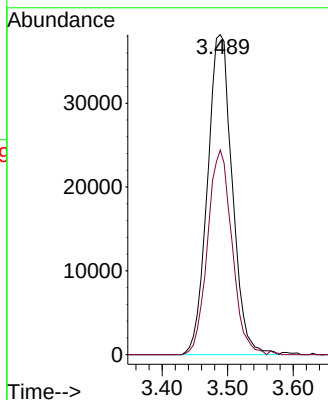
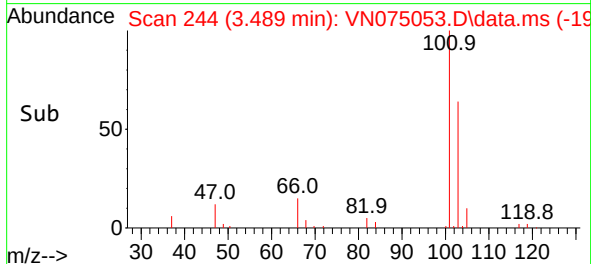
Instrument :
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Tgt Ion:101 Resp: 100284
Ion Ratio Lower Upper
101 100
103 63.9 50.5 75.7

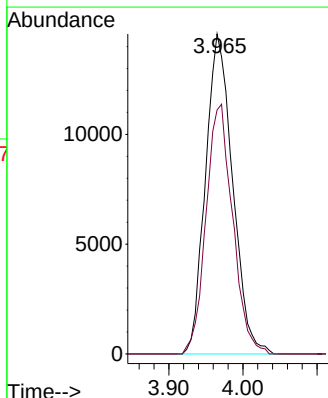
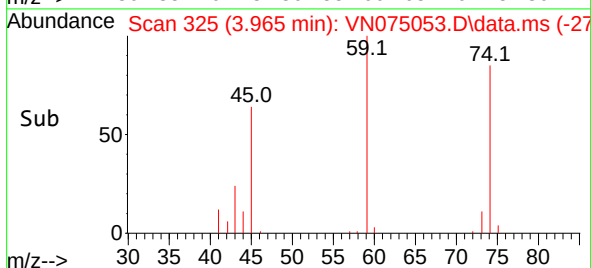
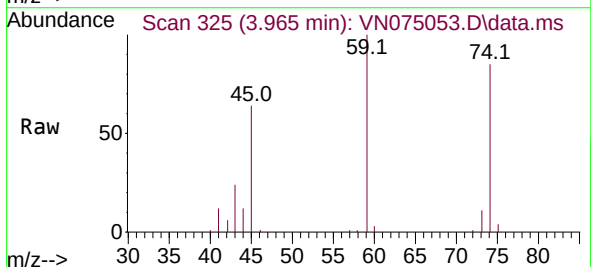
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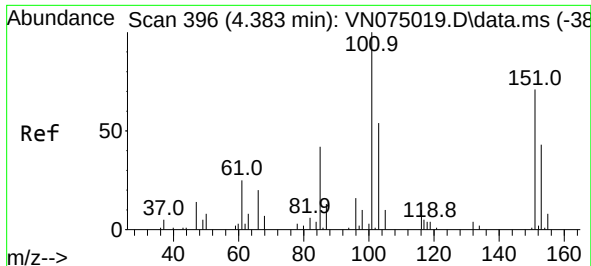
Reviewed By :John Carlone 10/31/2022
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#8
Diethyl Ether
Concen: 50.219 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 74 Resp: 37017
Ion Ratio Lower Upper
74 100
45 76.7 39.3 117.9





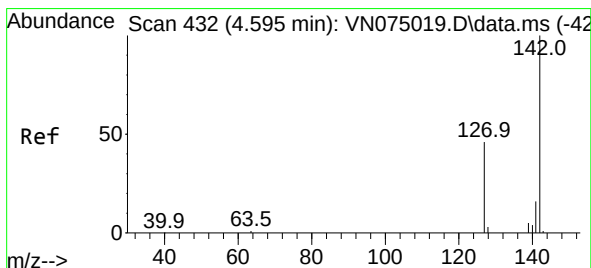
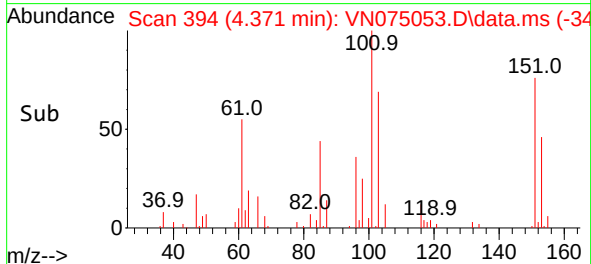
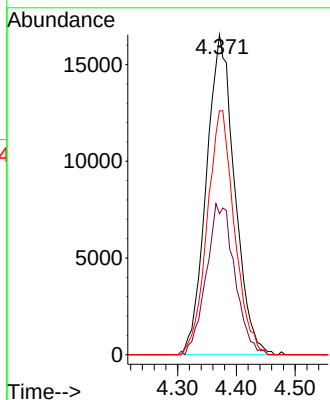
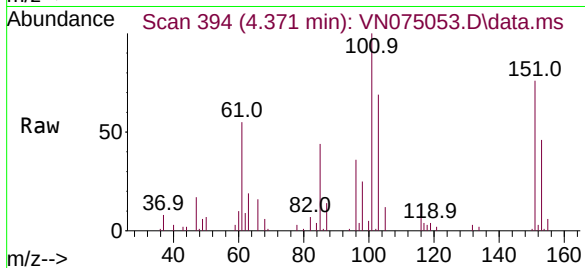
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.423 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5515
Ion Ratio Lower Upper
101 100
85 47.6 37.6 56.4
151 73.8 58.3 87.5

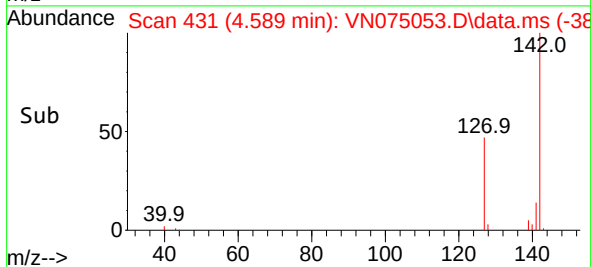
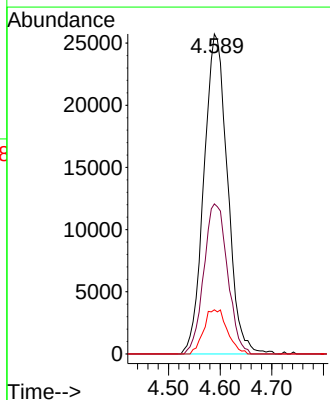
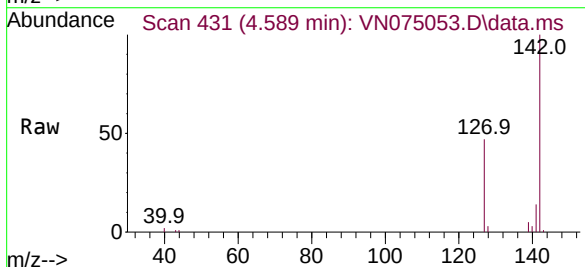
Manual Integrations
APPROVED

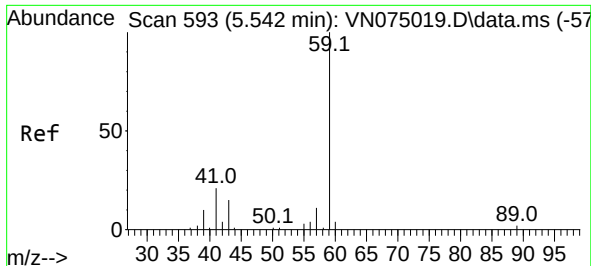
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 49.038 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

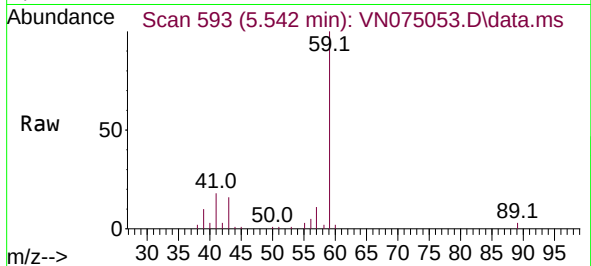
Tgt Ion:142 Resp: 81476
Ion Ratio Lower Upper
142 100
127 47.2 38.0 57.0
141 13.8 12.2 18.4





#11
Tert butyl alcohol
Concen: 218.000 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

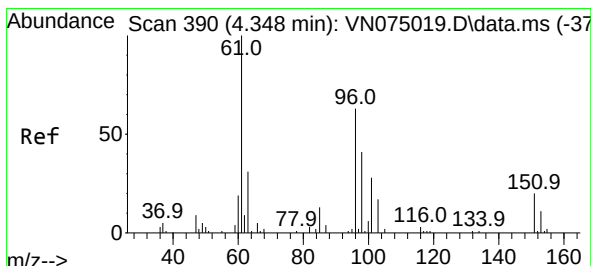
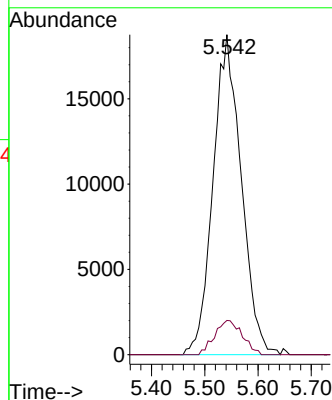
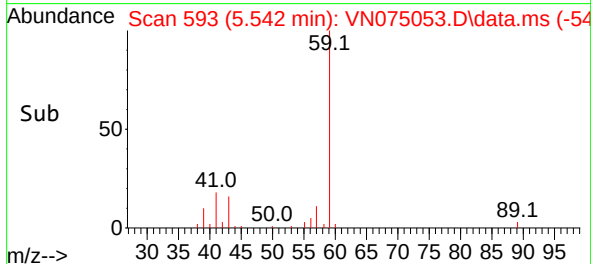
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



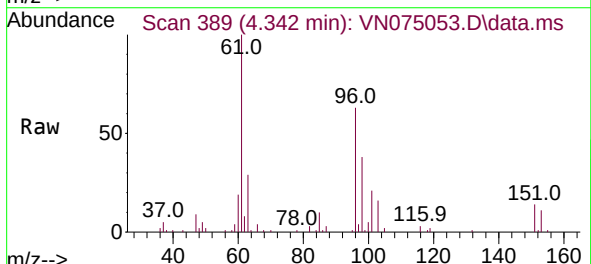
Tgt Ion: 59 Resp: 68744
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

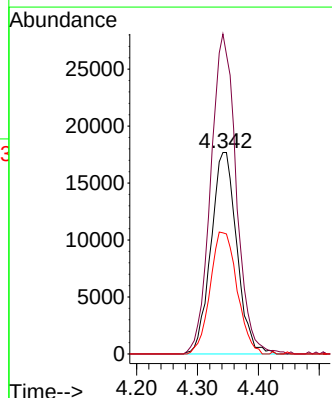
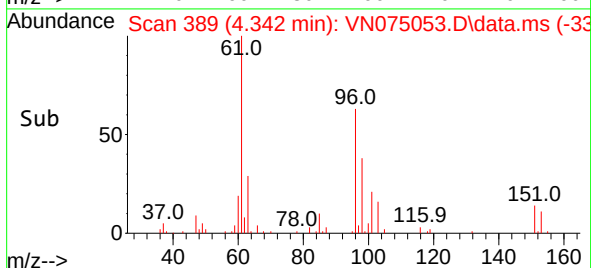
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

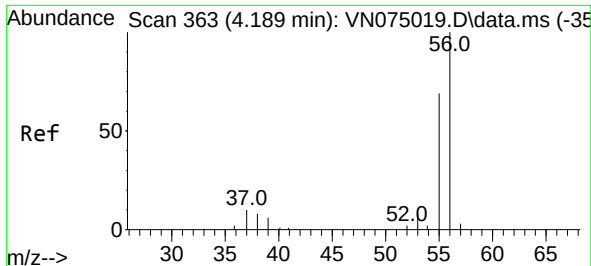


#12
1,1-Dichloroethene
Concen: 48.960 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



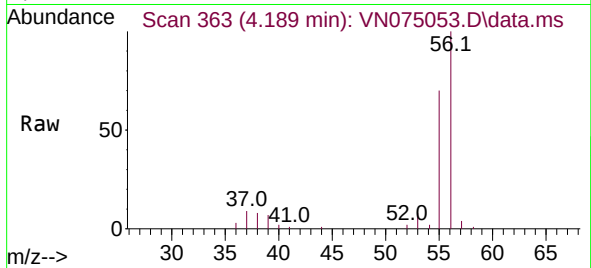
Tgt Ion: 96 Resp: 52084
Ion Ratio Lower Upper
96 100
61 158.9 126.2 189.4
98 60.1 51.5 77.3





#13
Acrolein
Concen: 255.217 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

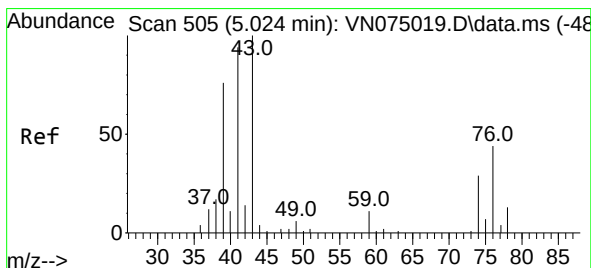
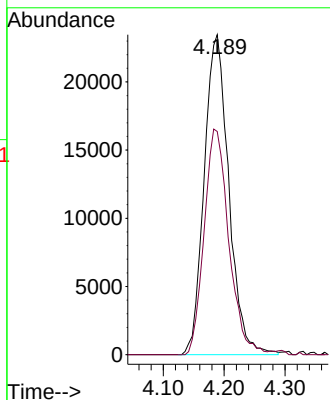
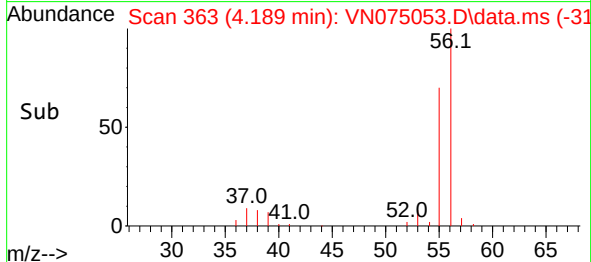
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



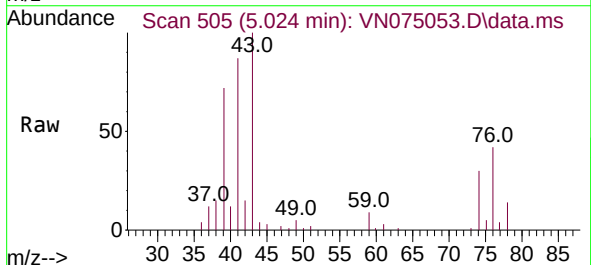
Tgt Ion: 56 Resp: 65828
Ion Ratio Lower Upper
56 100
55 70.7 55.2 82.8

Manual Integrations
APPROVED

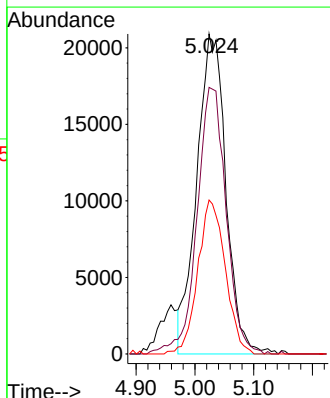
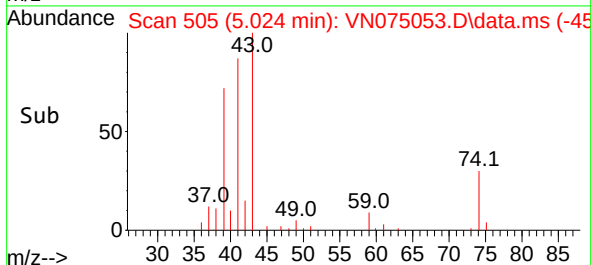
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

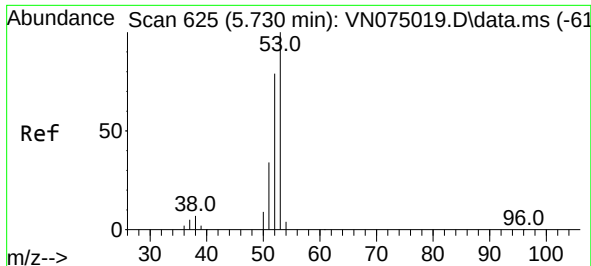


#14
Allyl chloride
Concen: 46.411 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



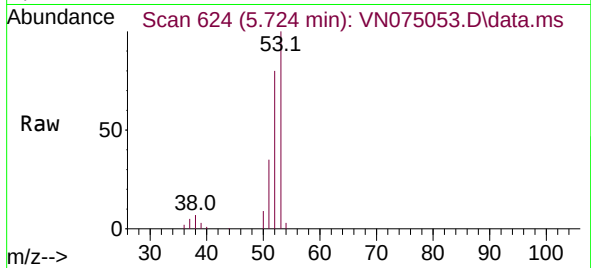
Tgt Ion: 41 Resp: 72110
Ion Ratio Lower Upper
41 100
39 83.2 61.0 91.4
76 45.3 33.4 50.0





#15
Acrylonitrile
Concen: 239.283 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

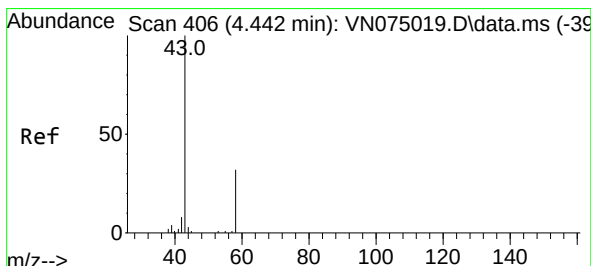
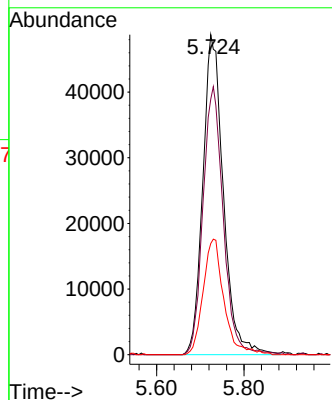
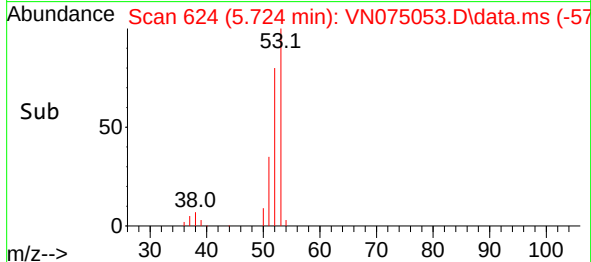
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 159394
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 36.6 29.6 44.4

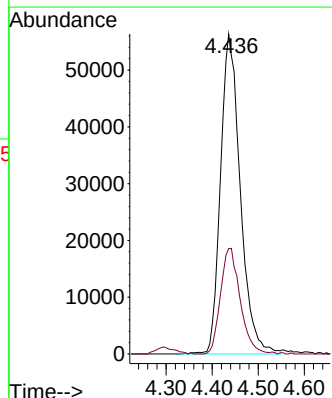
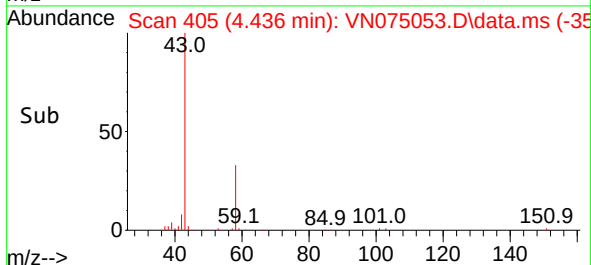
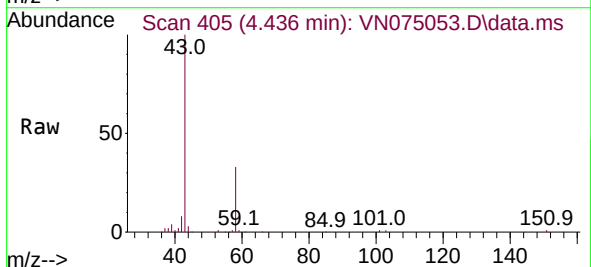
Manual Integrations
APPROVED

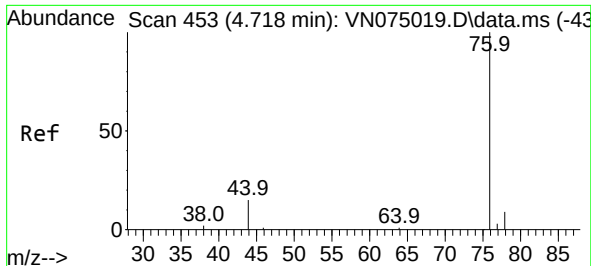
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 292.353 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 43 Resp: 167389
Ion Ratio Lower Upper
43 100
58 32.6 25.5 38.3





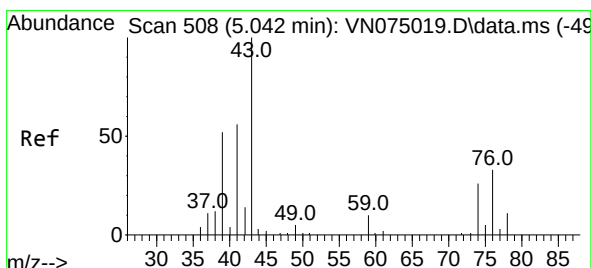
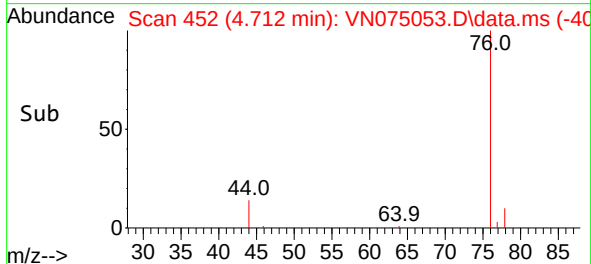
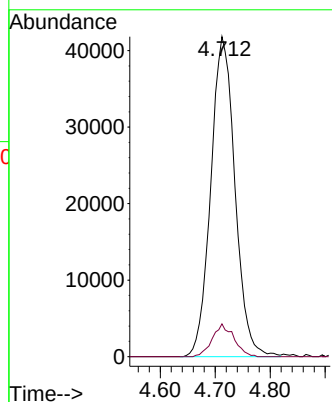
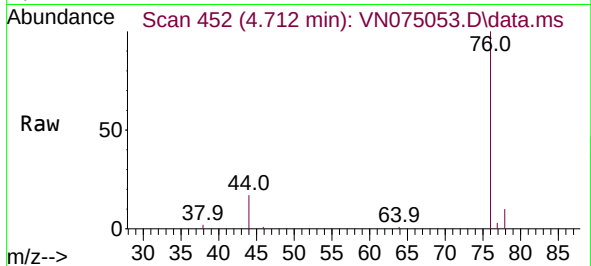
#17
Carbon Disulfide
Concen: 47.855 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12802
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

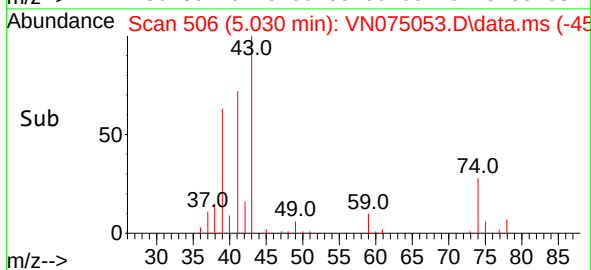
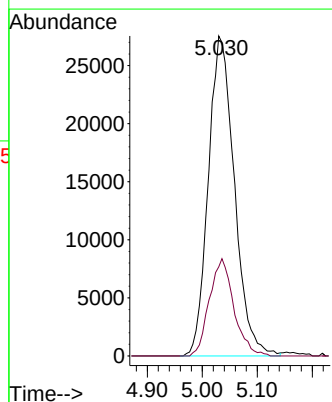
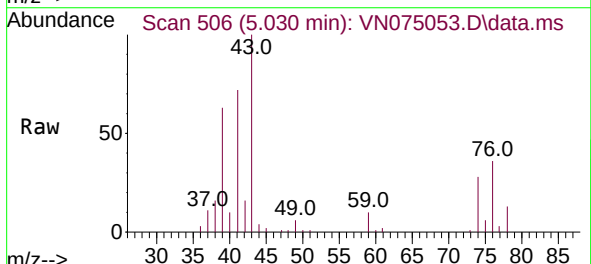
Manual Integrations
APPROVED

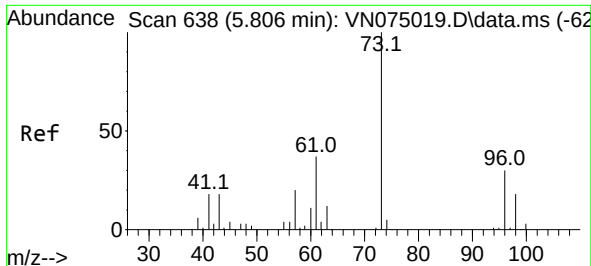
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 48.574 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 43 Resp: 90845
Ion Ratio Lower Upper
43 100
74 28.6 22.0 33.0





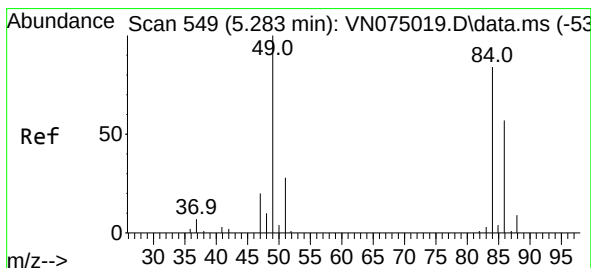
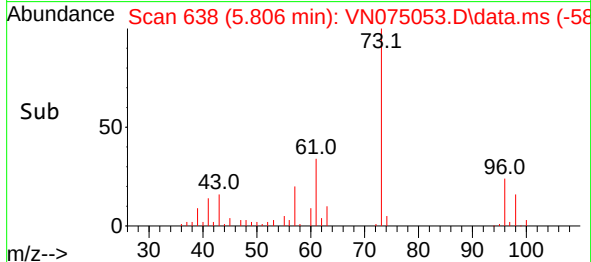
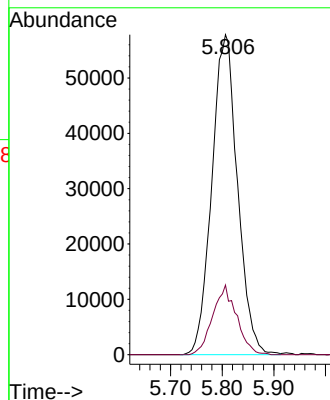
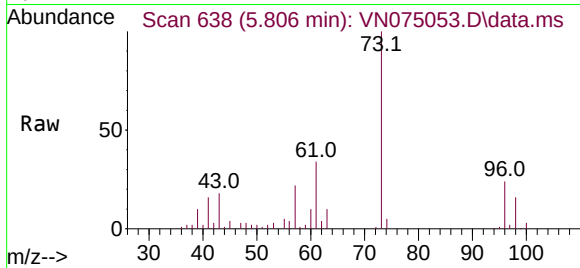
#19
Methyl tert-butyl Ether
Concen: 50.462 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 19952
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5

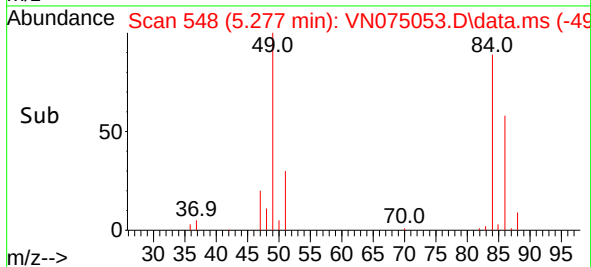
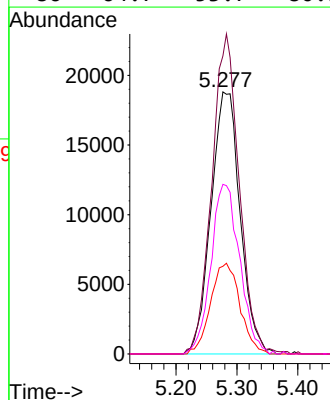
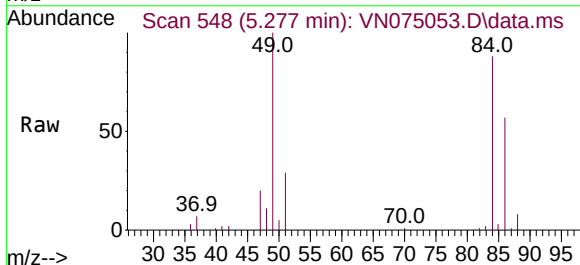
Manual Integrations
APPROVED

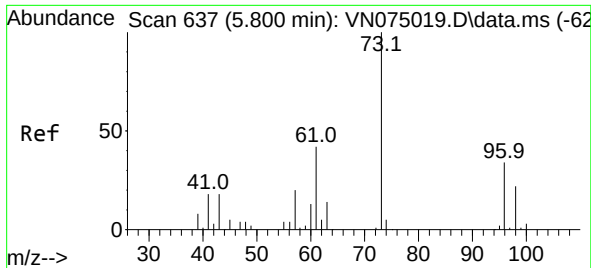
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 49.033 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 84 Resp: 62596
Ion Ratio Lower Upper
84 100
49 113.7 94.9 142.3
51 33.5 26.8 40.2
86 64.7 53.7 80.5





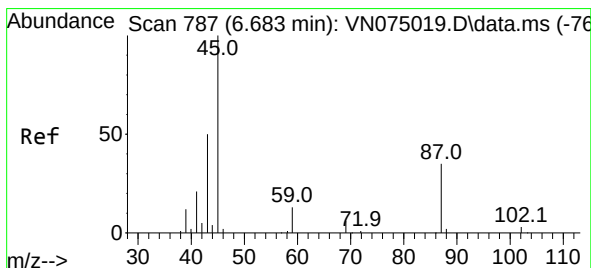
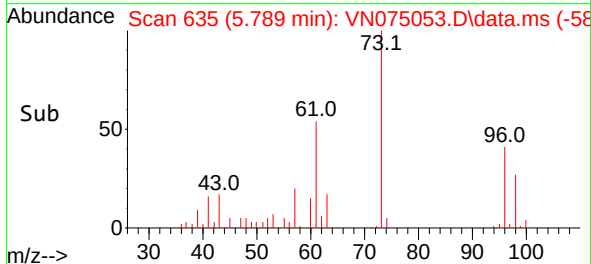
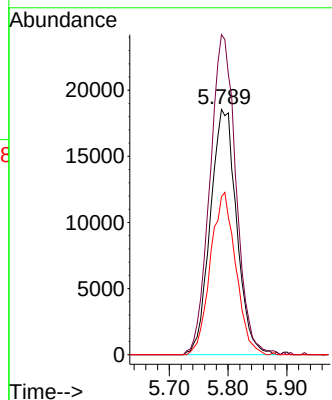
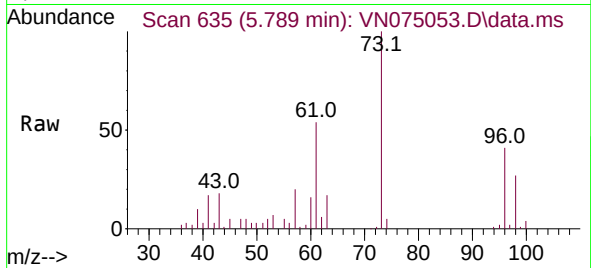
#21
trans-1,2-Dichloroethene
Concen: 49.524 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 5768
Ion Ratio Lower Upper
96 100
61 130.4 99.9 149.9
98 64.4 51.5 77.3

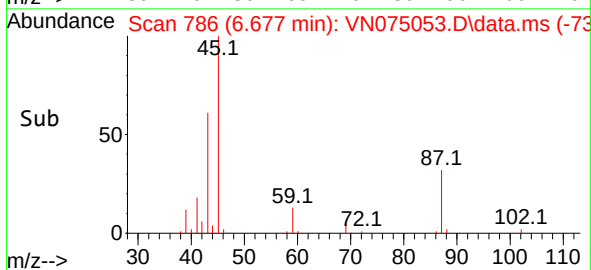
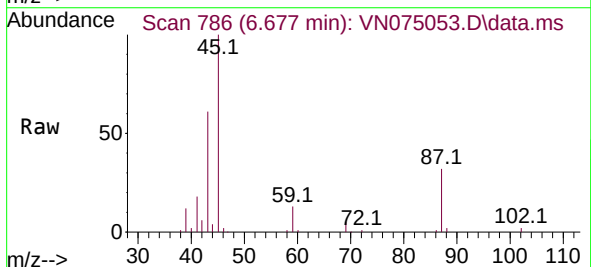
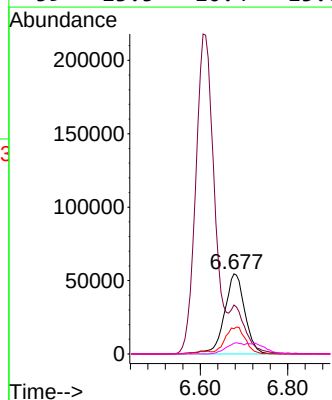
Manual Integrations
APPROVED

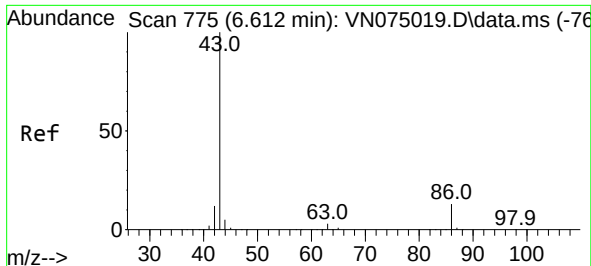
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 51.213 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 45 Resp: 175600
Ion Ratio Lower Upper
45 100
43 60.0 42.8 64.2
87 31.6 28.4 42.6
59 13.5 10.4 15.6





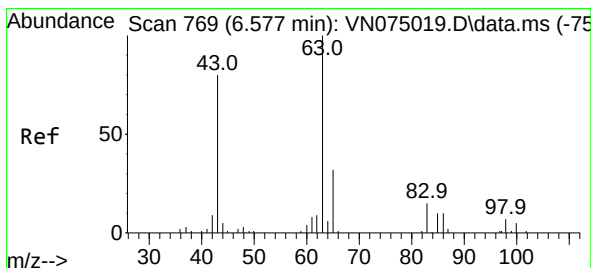
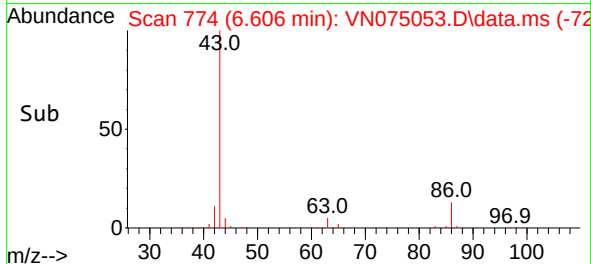
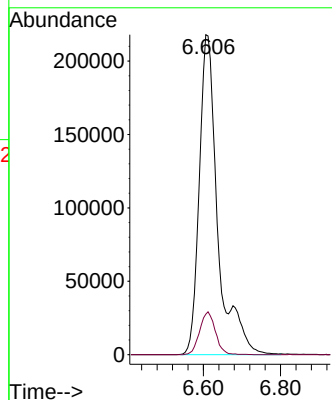
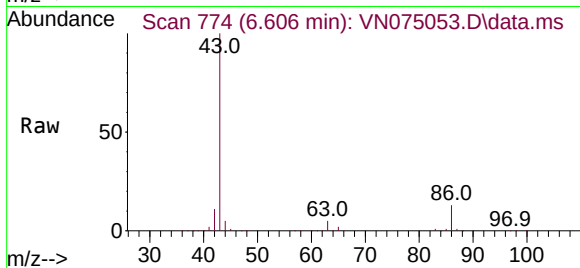
#23
 Vinyl Acetate
 Concen: 253.362 ug/l m
 RT: 6.606 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN075053.D
 Acq: 28 Oct 2022 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 72543
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.7 16.1

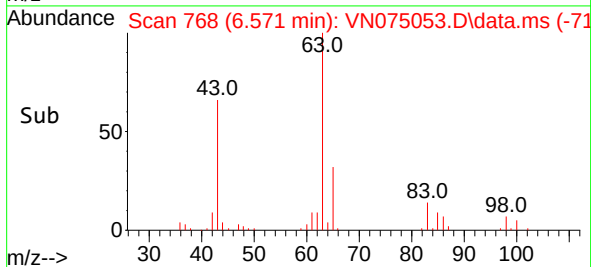
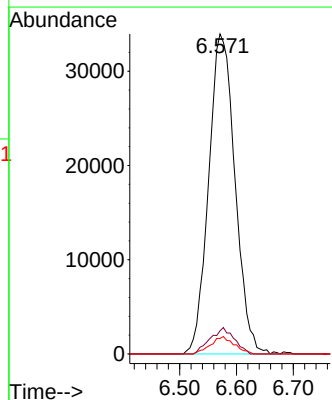
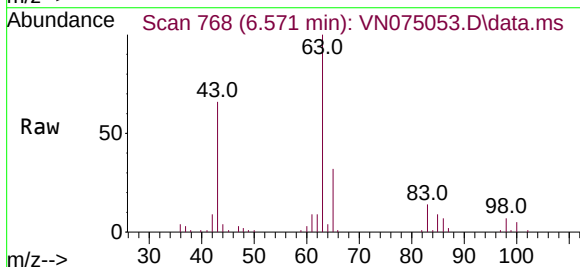
Manual Integrations
 APPROVED

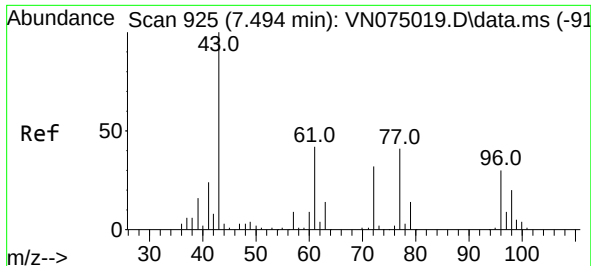
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 50.402 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075053.D
 Acq: 28 Oct 2022 11:02

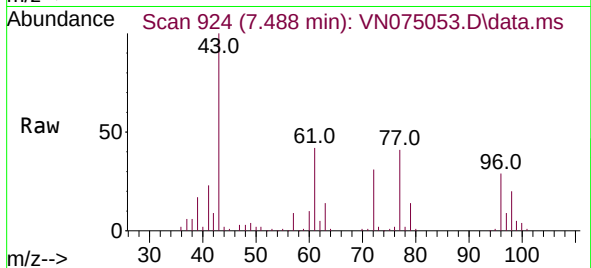
Tgt Ion: 63 Resp: 109300
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 246.229 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

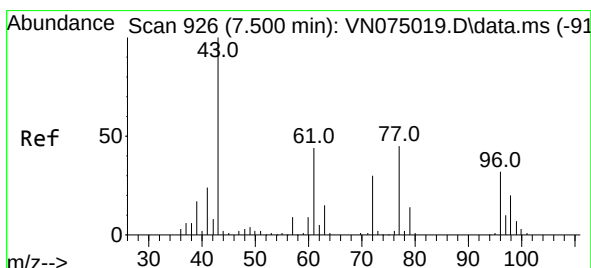
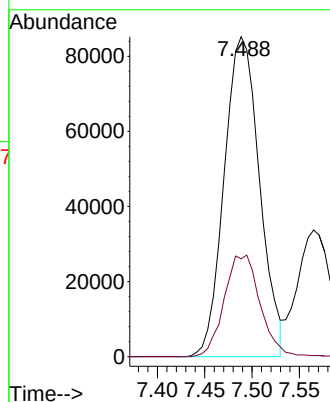
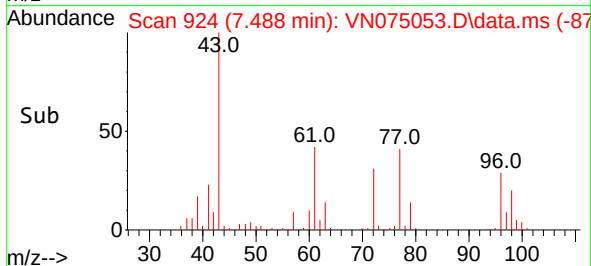
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



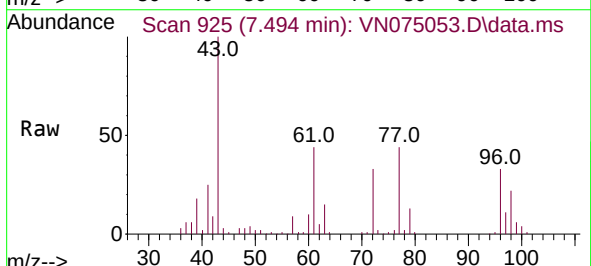
Tgt Ion: 43 Resp: 221748
Ion Ratio Lower Upper
43 100
72 30.6 25.5 38.3

Manual Integrations
APPROVED

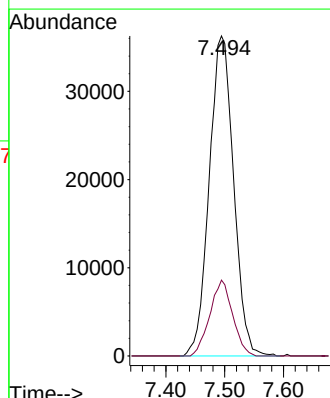
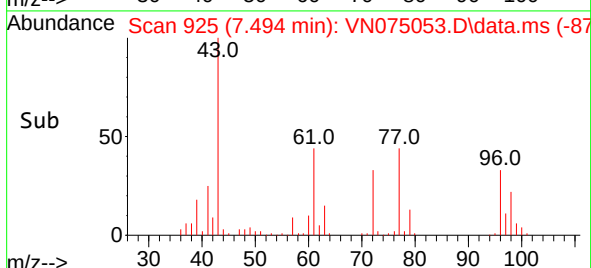
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

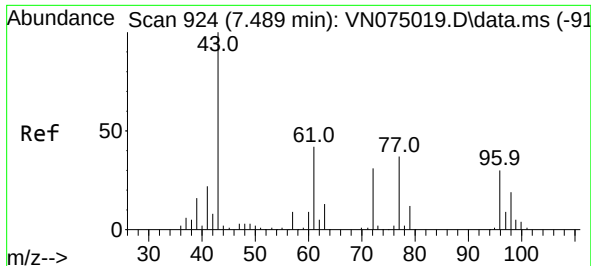


#26
2,2-Dichloropropane
Concen: 52.357 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion: 77 Resp: 104450
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.035 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

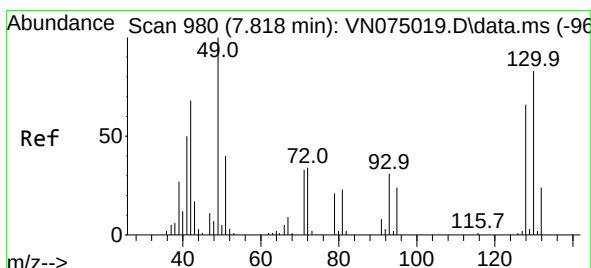
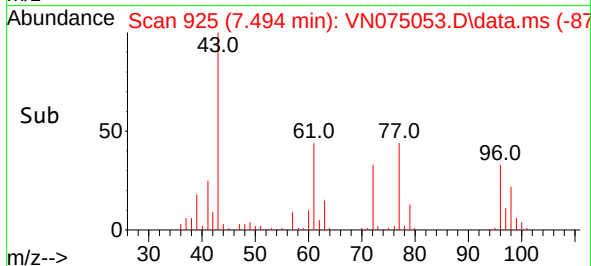
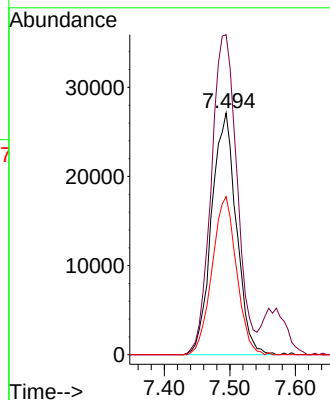
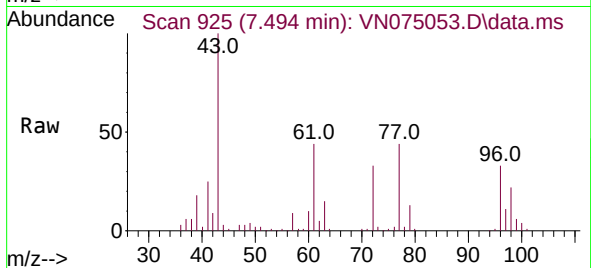
Tgt Ion: 96 Resp: 70989
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 278.8
 98 64.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 52.022 ug/l

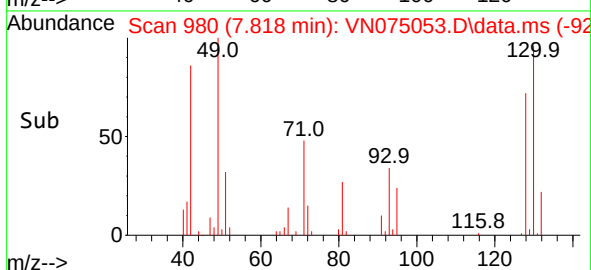
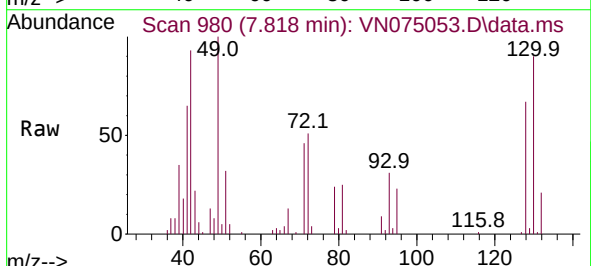
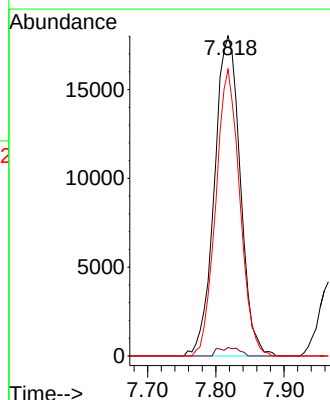
RT: 7.818 min Scan# 980

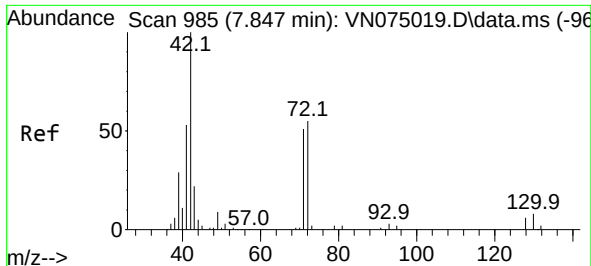
Delta R.T. -0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

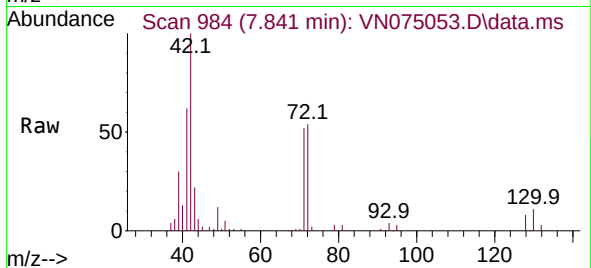
Tgt Ion: 49 Resp: 47556
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 83.0 66.2 99.4





#29
Tetrahydrofuran
Concen: 237.980 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

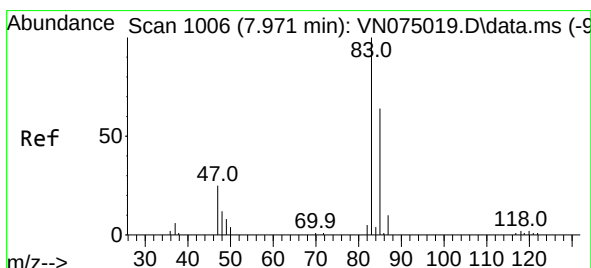
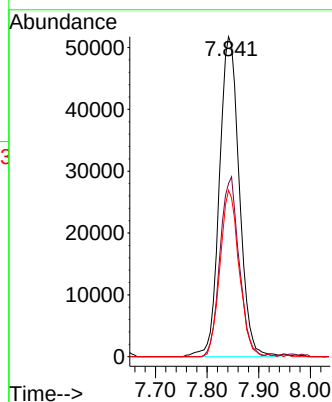
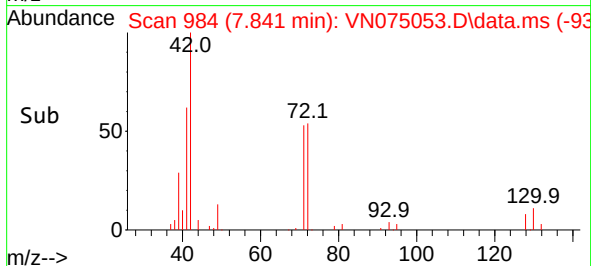
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 13849
Ion Ratio Lower Upper
42 100
72 54.0 43.0 64.6
71 49.7 39.9 59.9

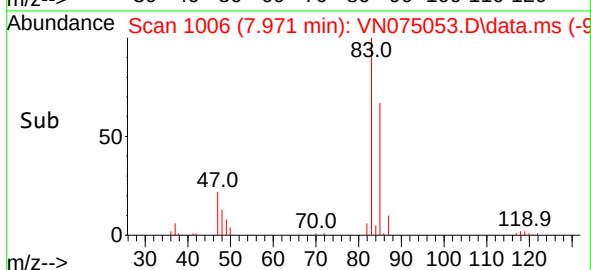
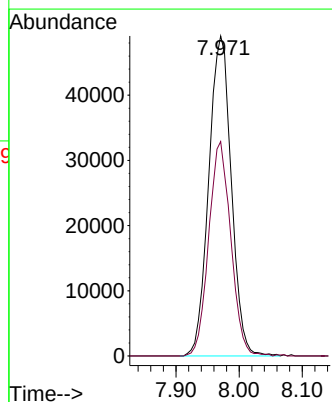
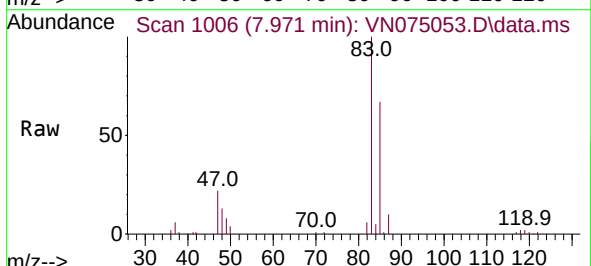
Manual Integrations
APPROVED

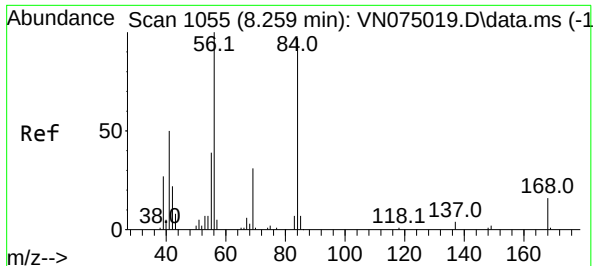
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Chloroform
Concen: 51.735 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

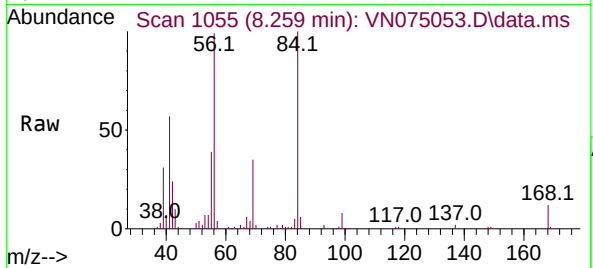
Tgt Ion: 83 Resp: 121809
Ion Ratio Lower Upper
83 100
85 67.0 51.4 77.0





#31
Cyclohexane
Concen: 48.837 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

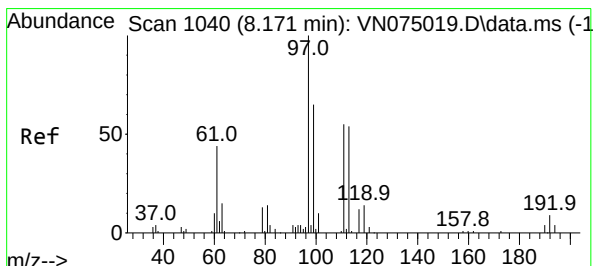
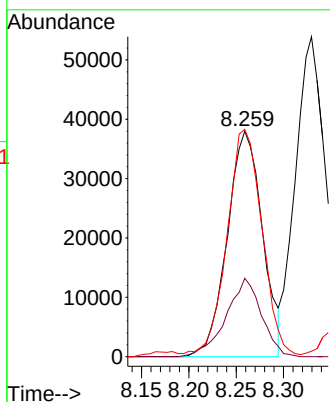
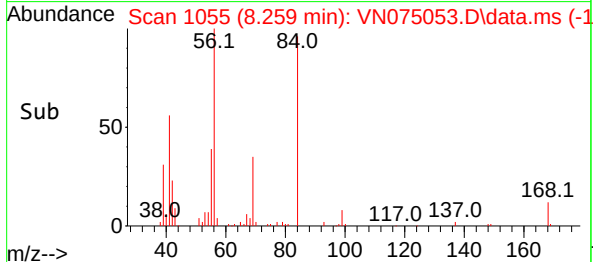
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



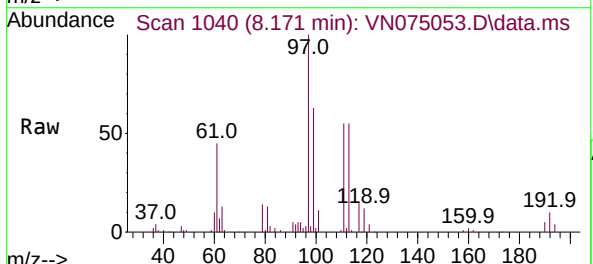
Tgt Ion: 56 Resp: 9821
Ion Ratio Lower Upper
56 100
69 34.8 25.2 37.8
84 99.5 77.8 116.8

Manual Integrations
APPROVED

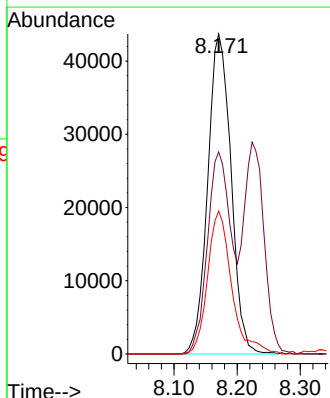
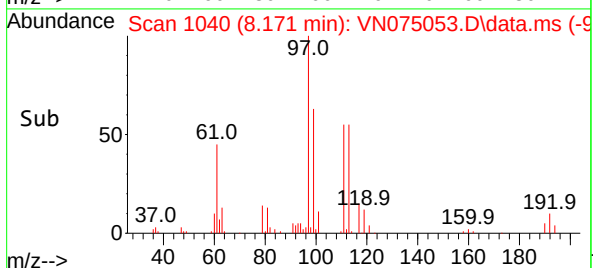
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

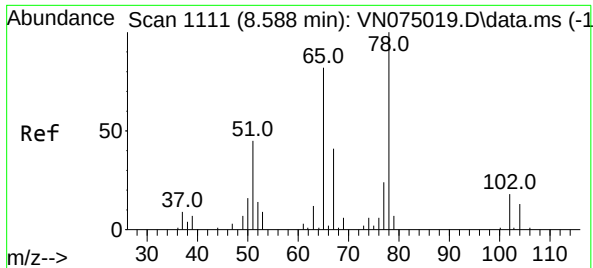


#32
1,1,1-Trichloroethane
Concen: 52.361 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion: 97 Resp: 111953
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 46.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.064 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 69049

Ion Ratio Lower Upper

65 100

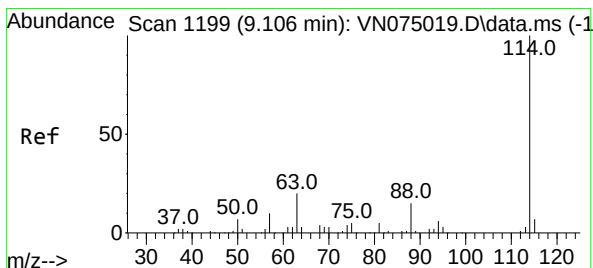
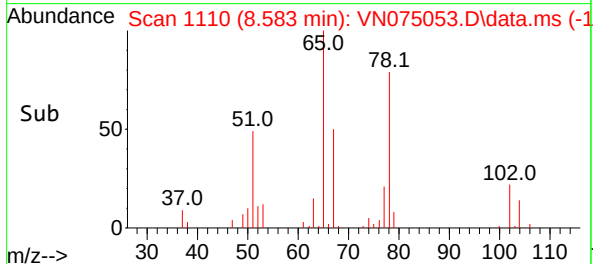
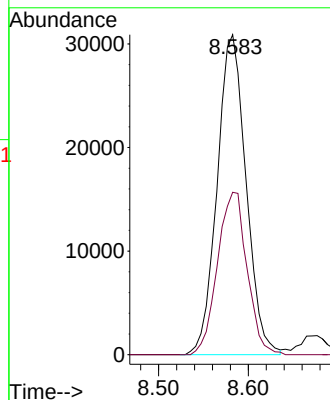
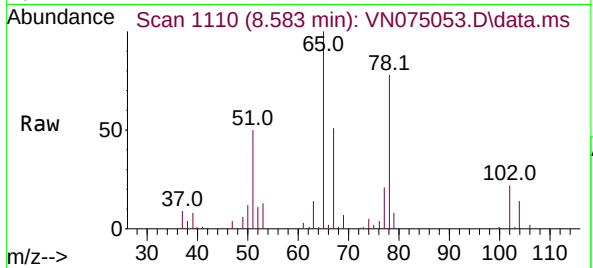
67 51.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

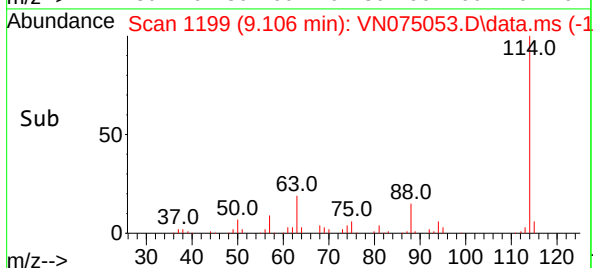
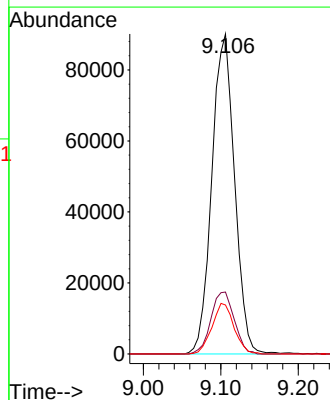
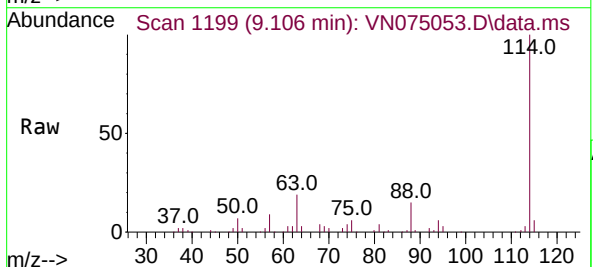
Tgt Ion:114 Resp: 183546

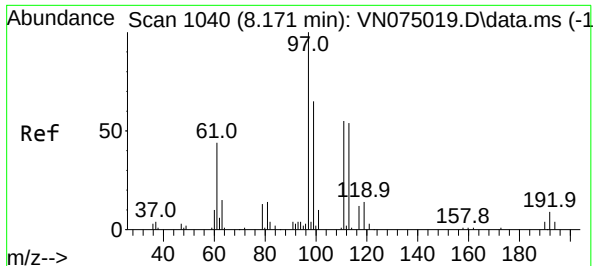
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

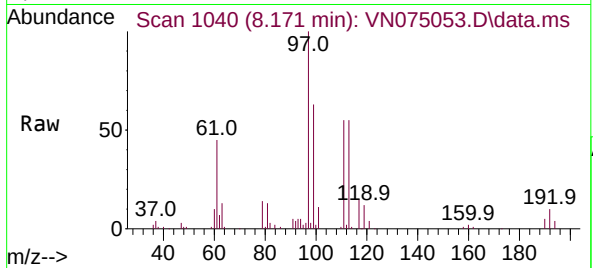
88 15.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 51.988 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

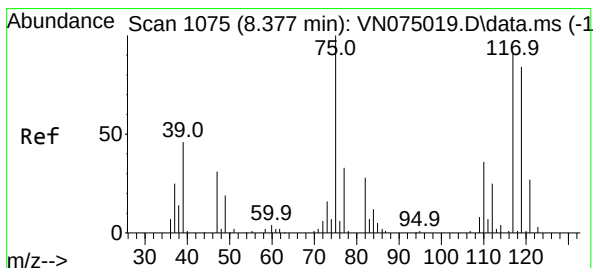
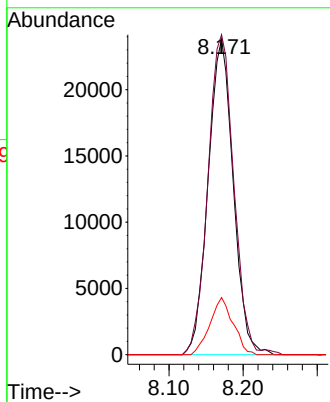
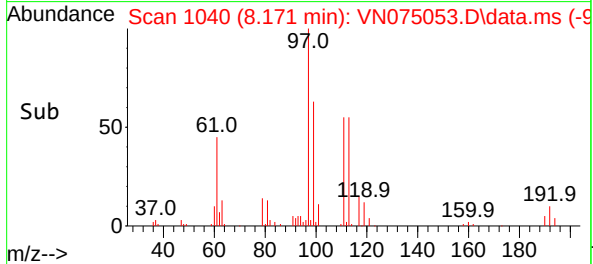
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5601
Ion Ratio Lower Upper
113 100
111 104.5 80.5 120.7
192 16.7 13.2 19.8

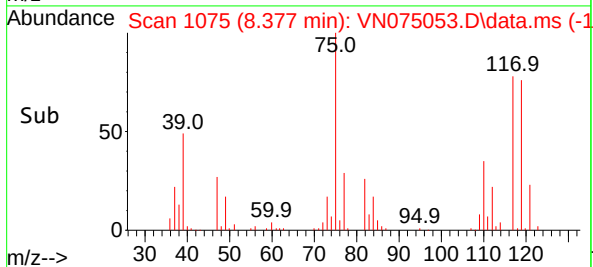
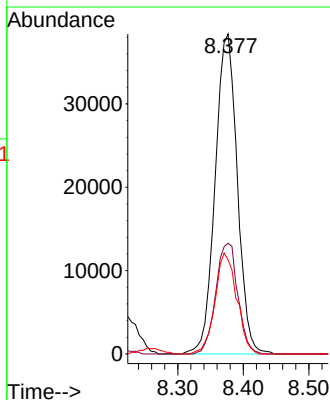
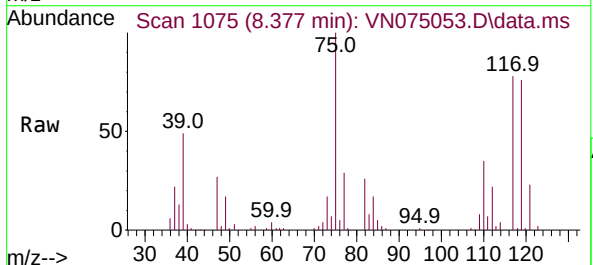
Manual Integrations
APPROVED

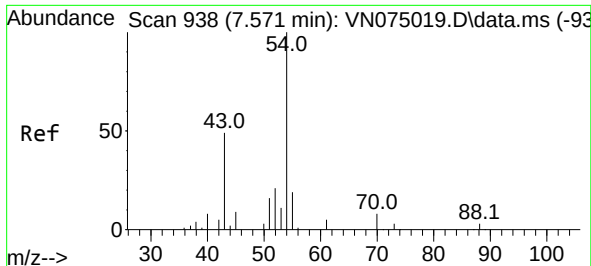
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 53.867 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 75 Resp: 89860
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.3
77 30.9 24.6 37.0





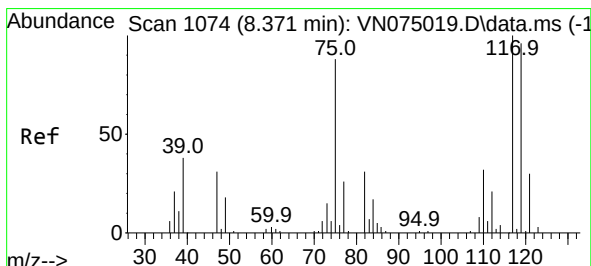
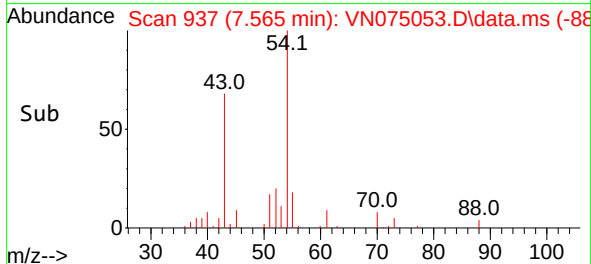
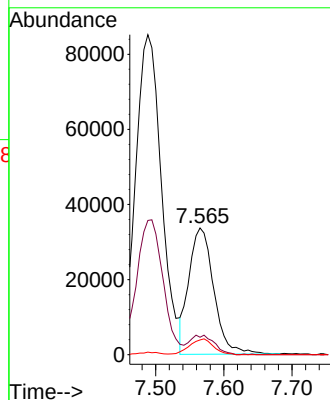
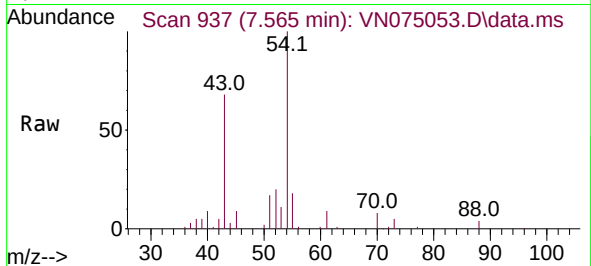
#37
Ethyl Acetate
Concen: 46.407 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 8489
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.4
70 12.0 9.4 14.2

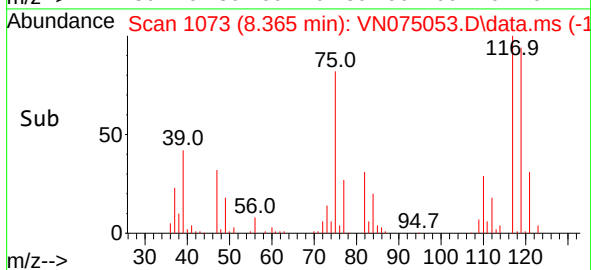
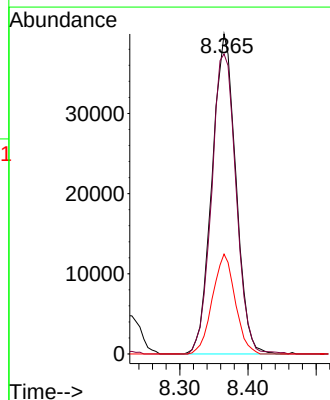
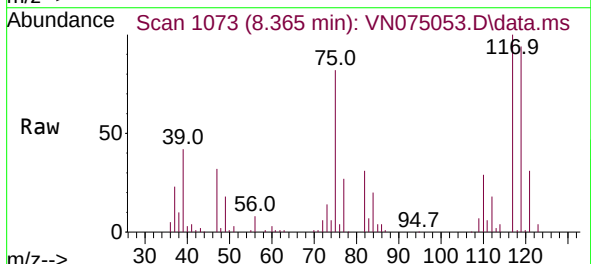
Manual Integrations
APPROVED

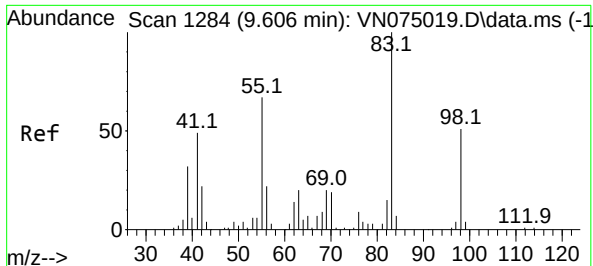
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 52.855 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion:117 Resp: 96988
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1
121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 54.532 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

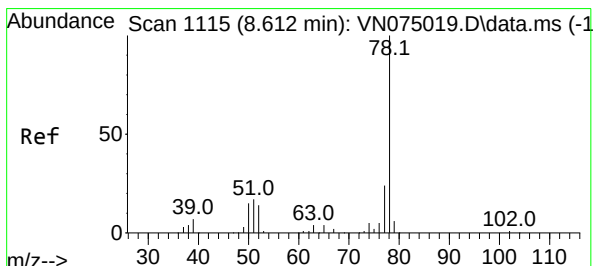
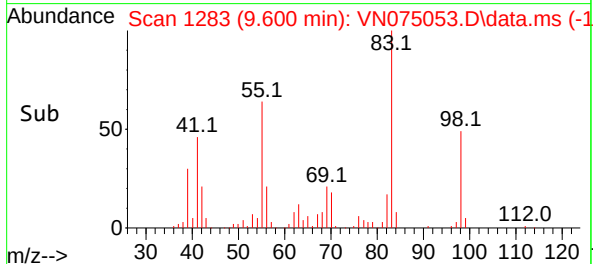
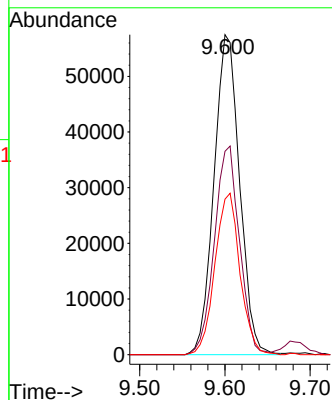
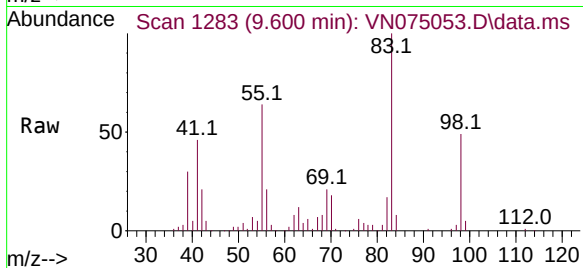
Tgt Ion: 83 Resp: 120094
 Ion Ratio Lower Upper
 83 100
 55 63.6 53.6 80.4
 98 48.6 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 52.402 ug/l

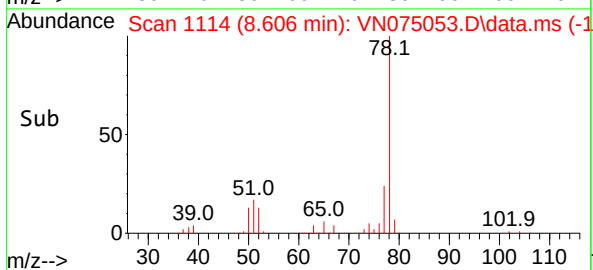
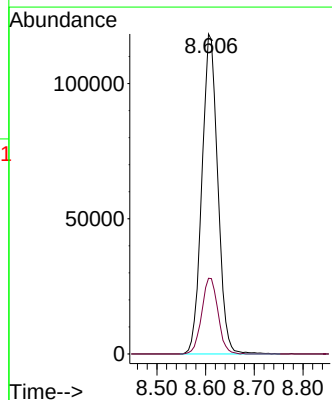
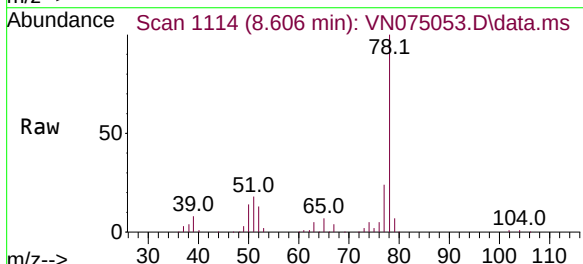
RT: 8.606 min Scan# 1114

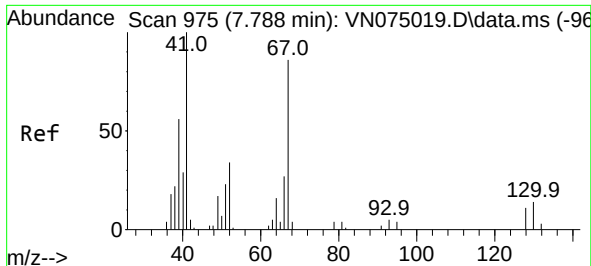
Delta R.T. -0.006 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

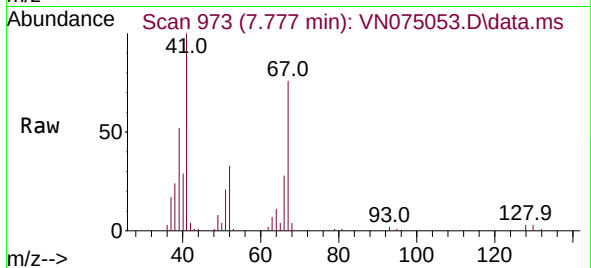
Tgt Ion: 78 Resp: 267657
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 48.672 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.011 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

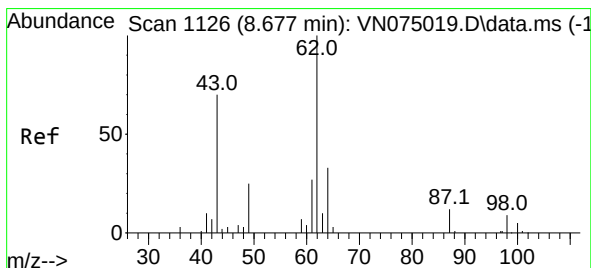
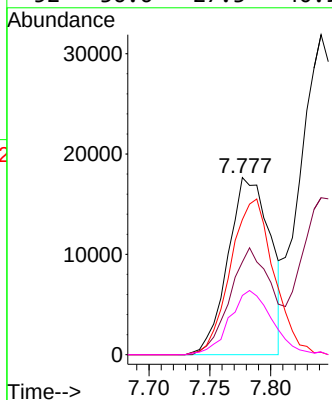
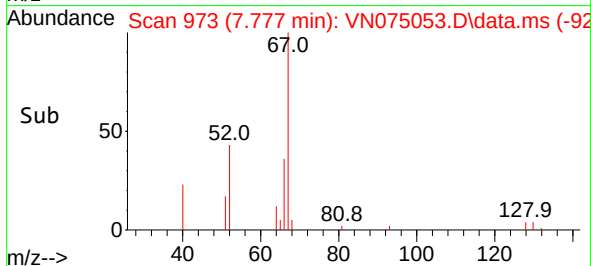
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 42660
Ion Ratio Lower Upper
41 100
39 61.1 44.4 66.6
67 90.1 69.8 104.6
52 36.6 27.3 40.9

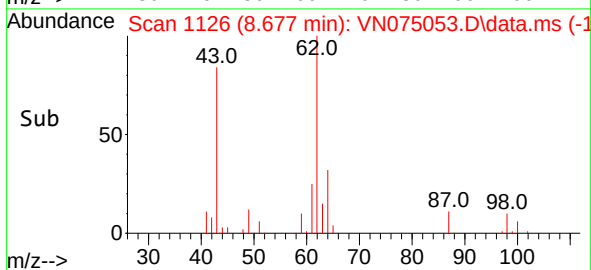
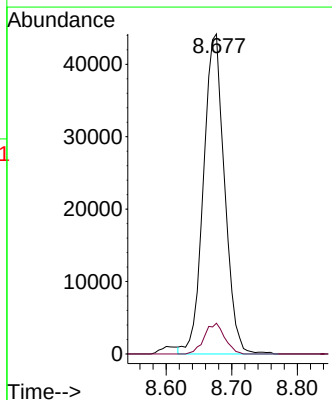
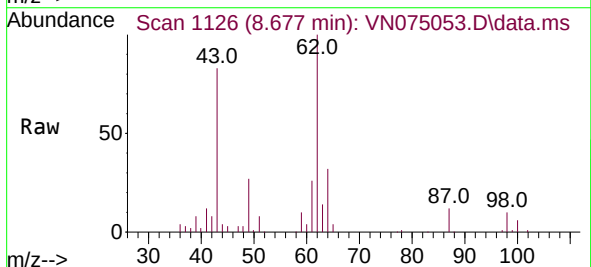
Manual Integrations
APPROVED

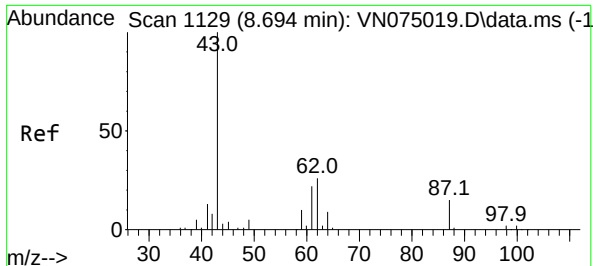
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 53.203 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 62 Resp: 98865
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43

Isopropyl Acetate

Concen: 49.943 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

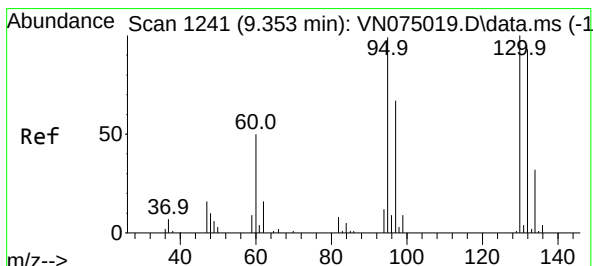
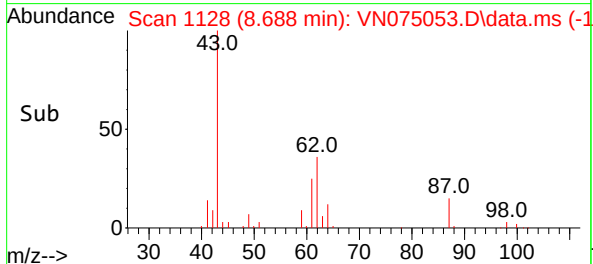
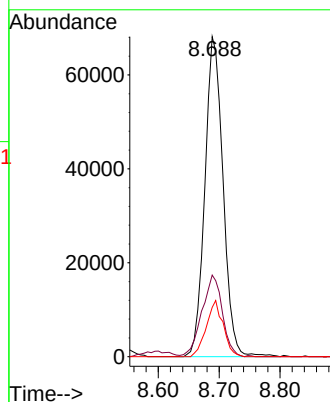
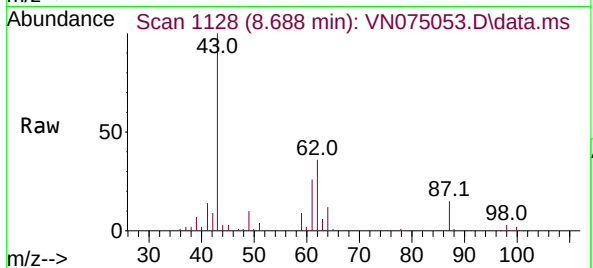
Tgt Ion: 43	Resp: 14172
Ion Ratio	Lower Upper
43	100
61	28.5 22.4 33.6
87	16.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 51.783 ug/l

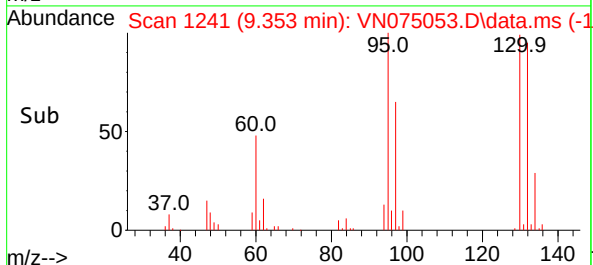
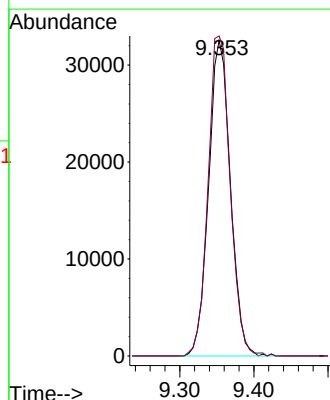
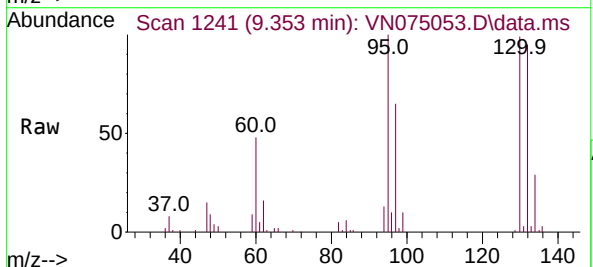
RT: 9.353 min Scan# 1241

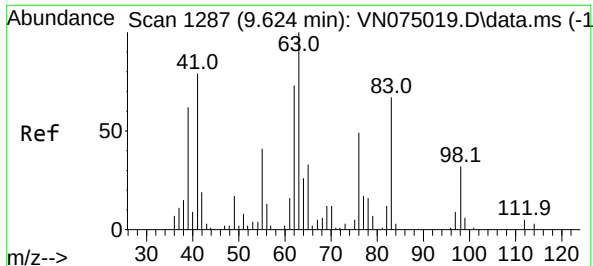
Delta R.T. 0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Tgt Ion:130	Resp: 66357
Ion Ratio	Lower Upper
130	100
95	101.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.634 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6276

Ion Ratio Lower Upper

63 100

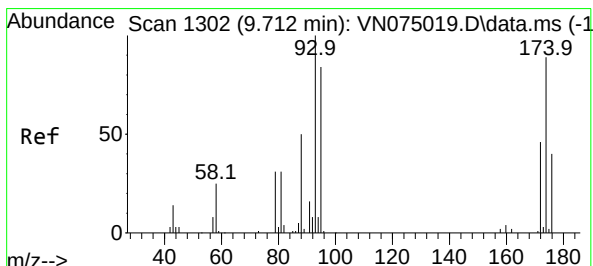
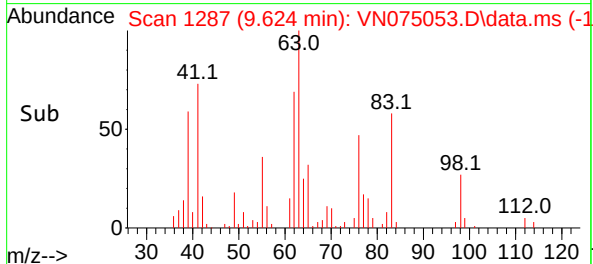
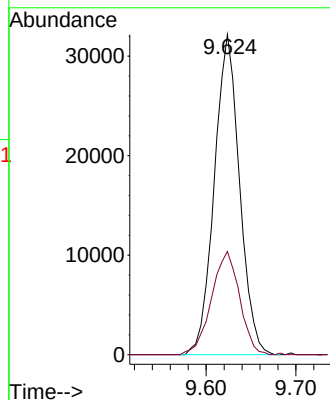
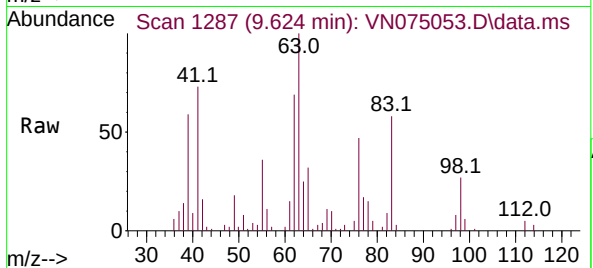
65 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 52.837 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

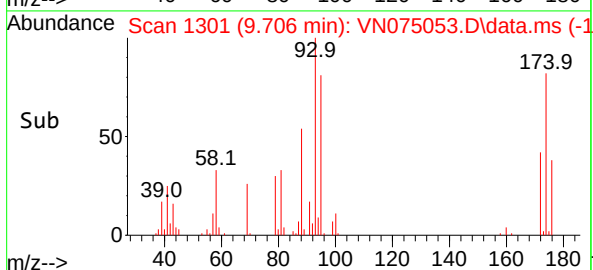
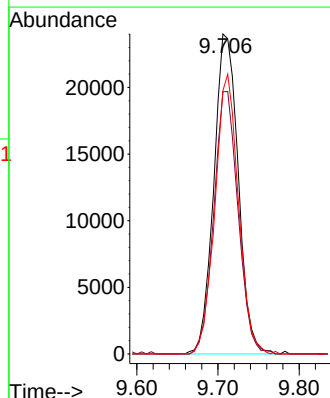
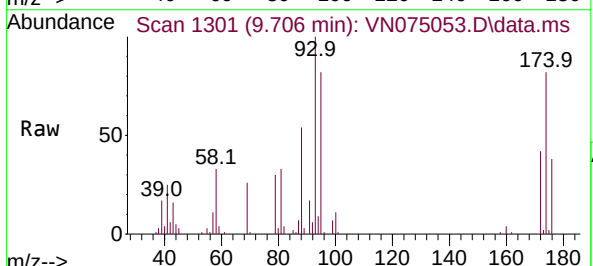
Tgt Ion: 93 Resp: 50037

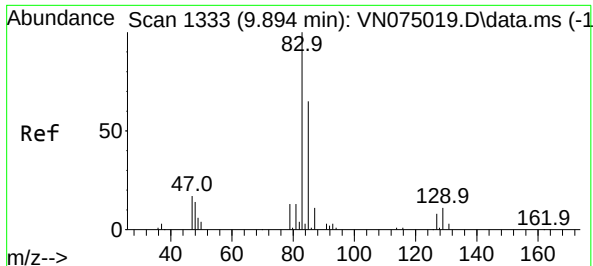
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

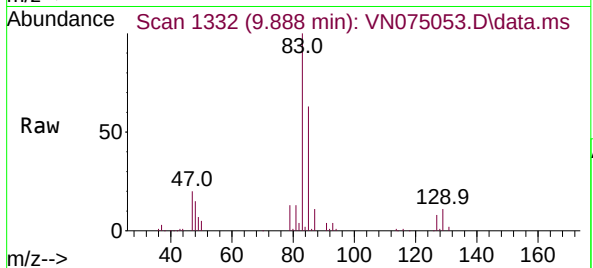
174 84.2 70.3 105.5





#47
Bromodichloromethane
Concen: 53.504 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

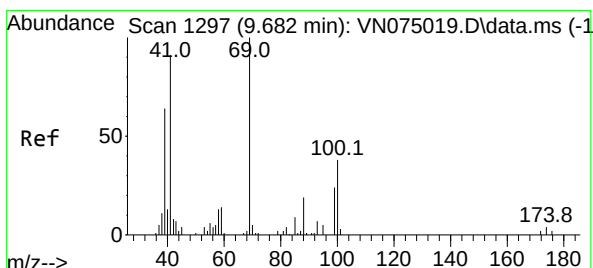
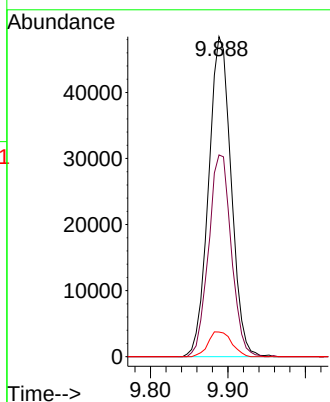
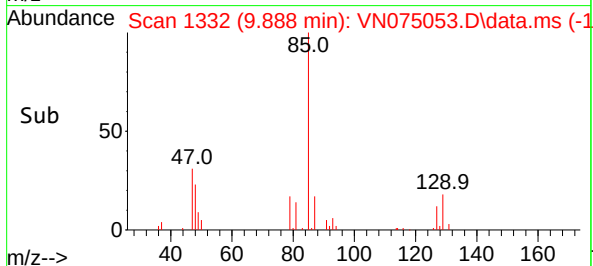
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9812
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 7.7 6.6 10.0

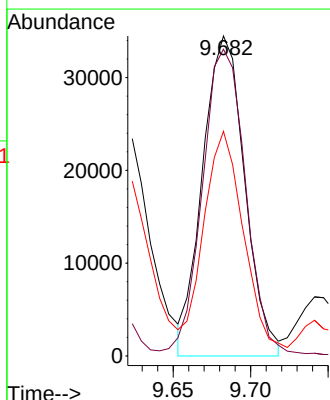
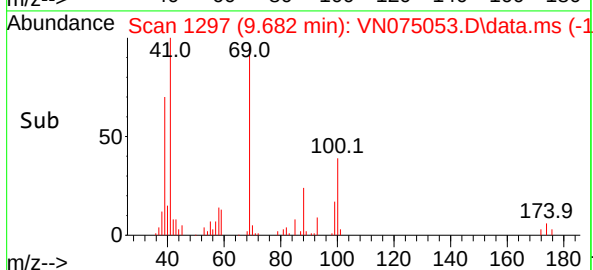
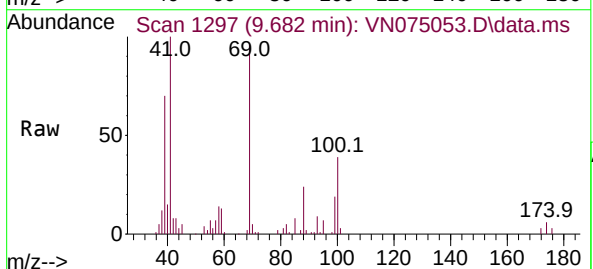
Manual Integrations
APPROVED

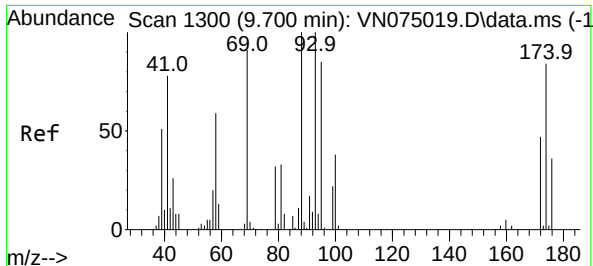
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 50.098 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 41 Resp: 65213
Ion Ratio Lower Upper
41 100
69 99.0 80.2 120.2
39 67.9 56.2 84.2





#49

1,4-Dioxane

Concen: 982.849 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3350

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

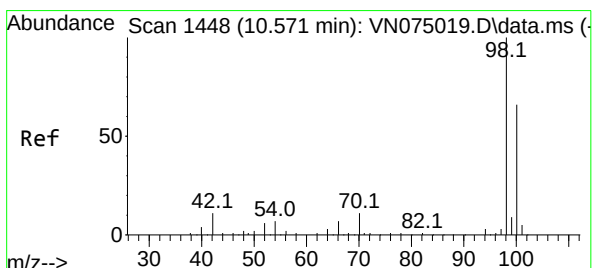
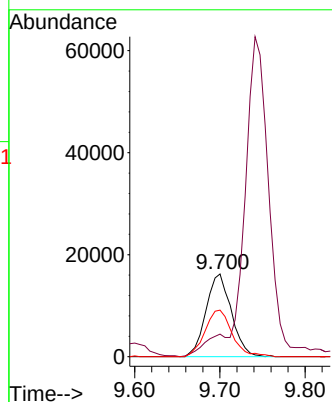
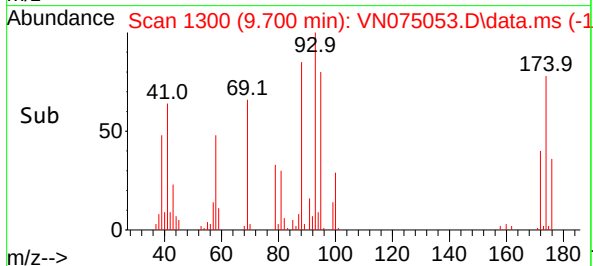
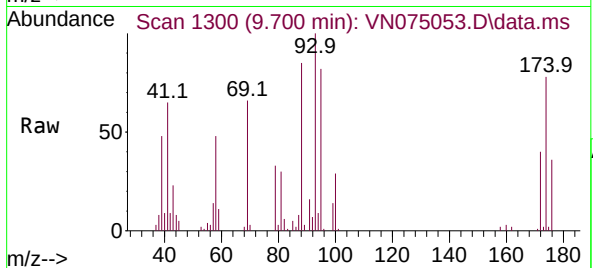
58 60.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 54.748 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075053.D

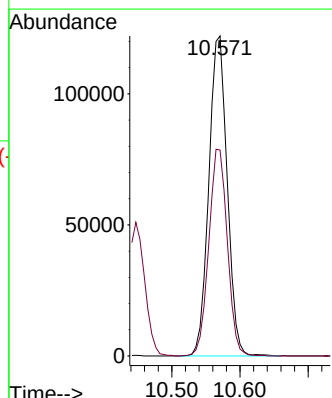
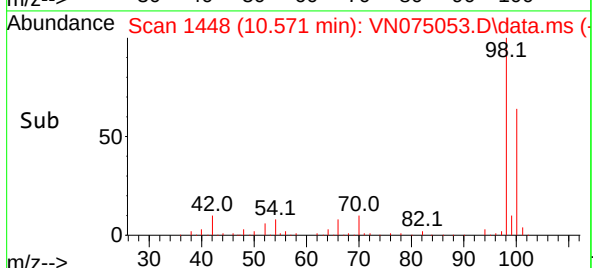
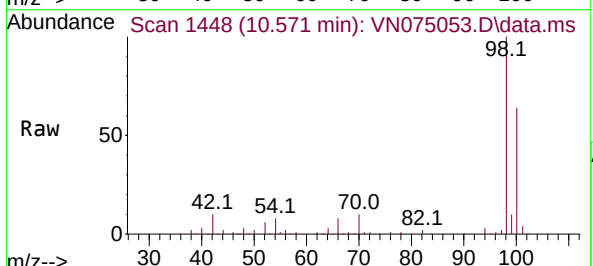
Acq: 28 Oct 2022 11:02

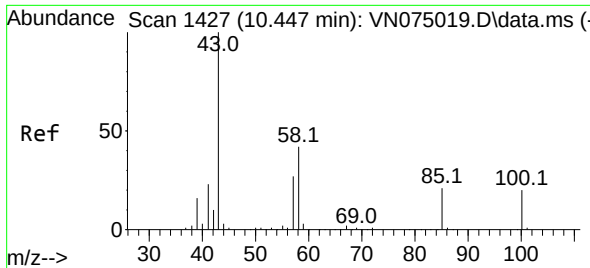
Tgt Ion: 98 Resp: 228869

Ion Ratio Lower Upper

98 100

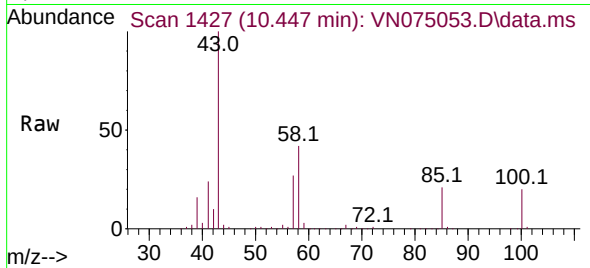
100 65.2 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 251.022 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

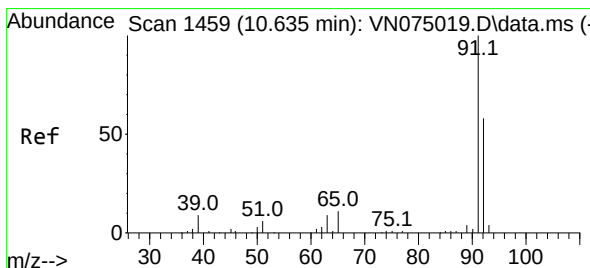
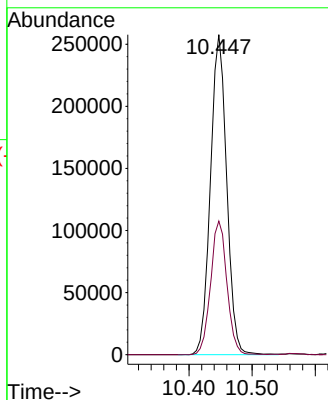
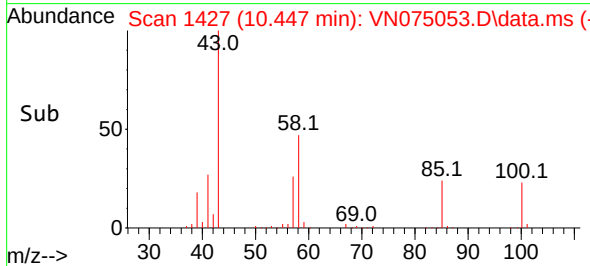
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 459670
Ion Ratio Lower Upper
43 100
58 42.0 33.6 50.4

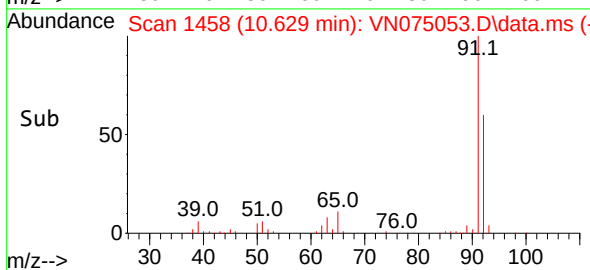
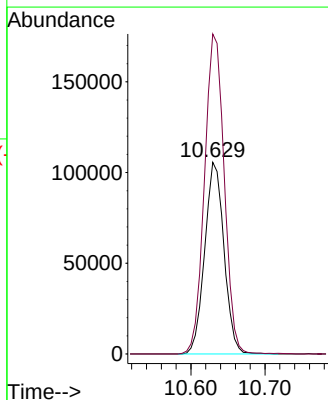
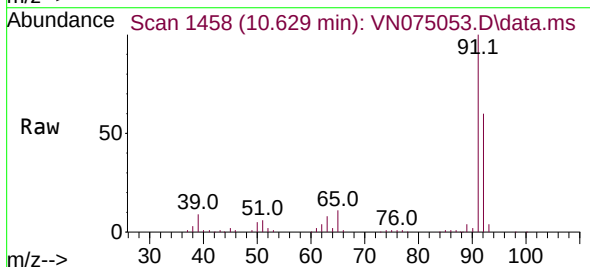
Manual Integrations
APPROVED

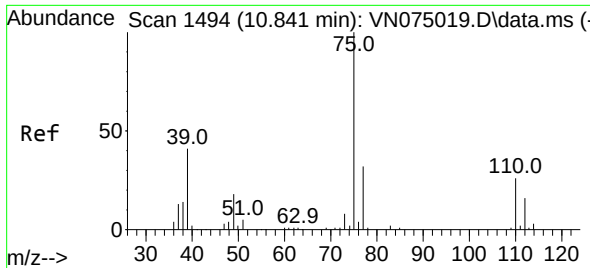
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 55.949 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 92 Resp: 191030
Ion Ratio Lower Upper
92 100
91 170.8 135.4 203.2





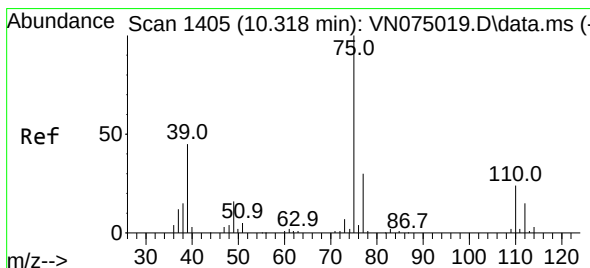
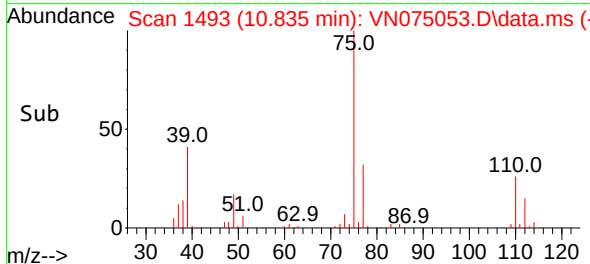
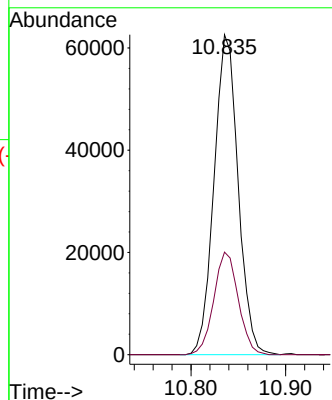
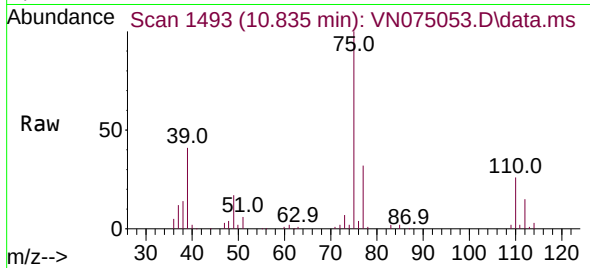
#53
t-1,3-Dichloropropene
Concen: 57.060 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 11045
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

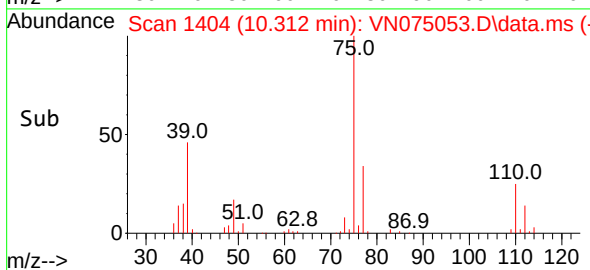
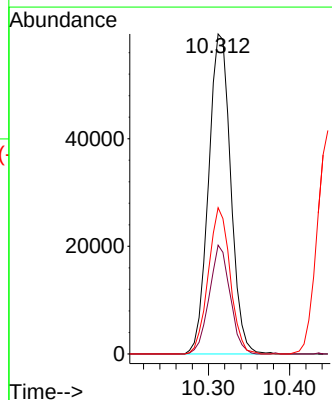
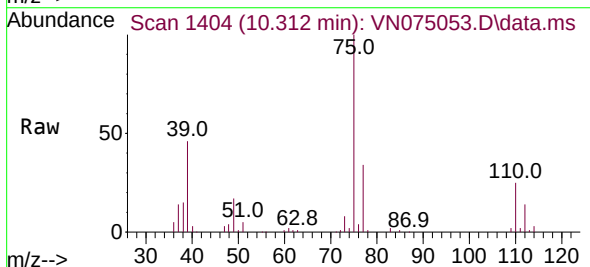
Manual Integrations
APPROVED

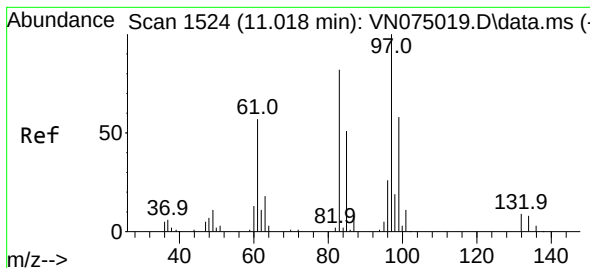
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 54.925 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

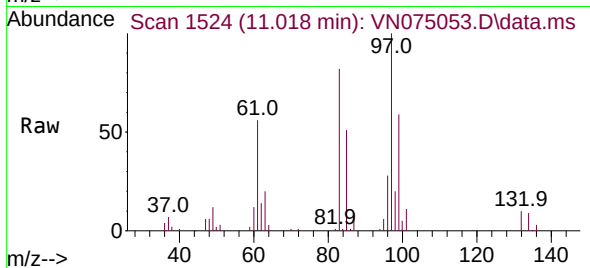
Tgt Ion: 75 Resp: 112766
Ion Ratio Lower Upper
75 100
77 34.0 23.7 35.5
39 45.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 53.444 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

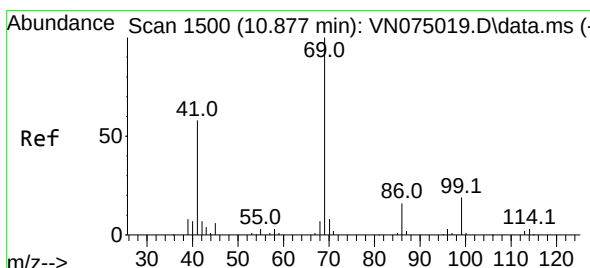
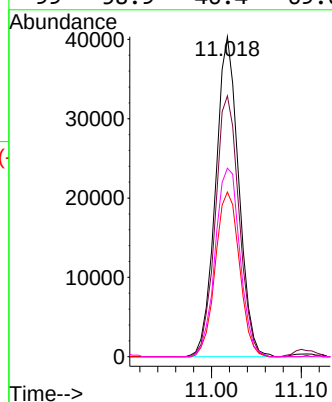
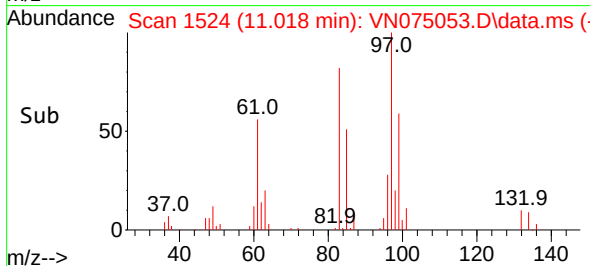
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



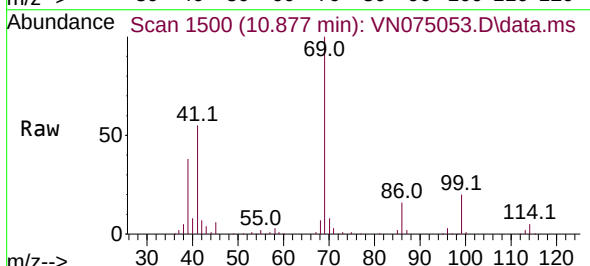
Tgt Ion:	97	Resp:	72354
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.9	98.9
85	51.4	40.4	60.6
99	58.9	46.4	69.6

Manual Integrations
APPROVED

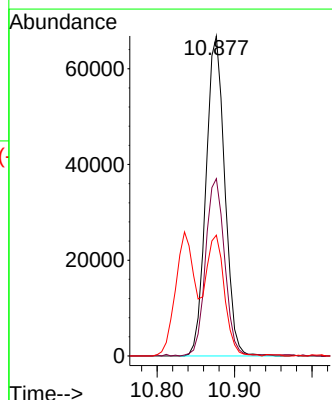
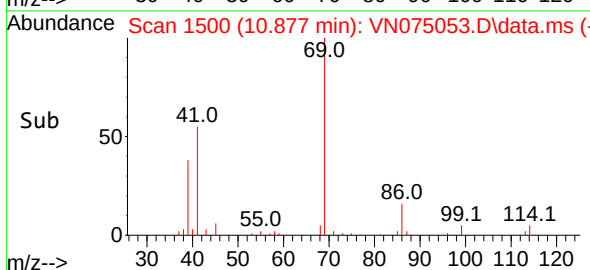
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

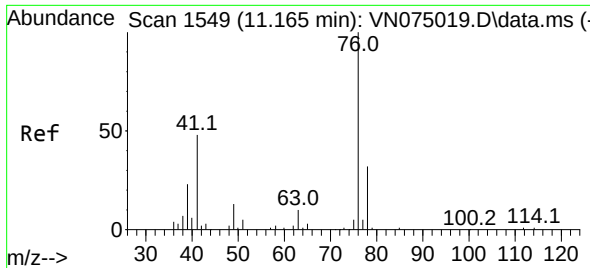


#56
Ethyl methacrylate
Concen: 54.445 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



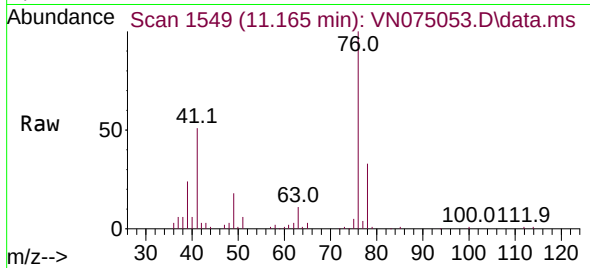
Tgt Ion:	69	Resp:	112434
Ion	Ratio	Lower	Upper
69	100		
41	56.7	45.6	68.4
39	38.3	28.5	42.7





#57
1,3-Dichloropropane
Concen: 53.591 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

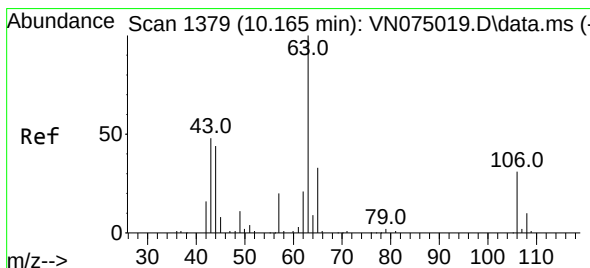
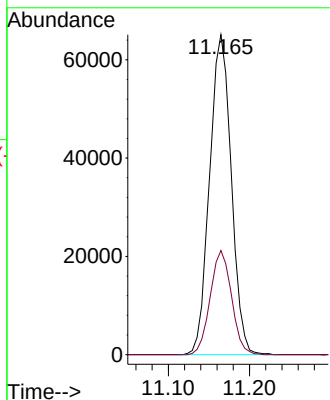
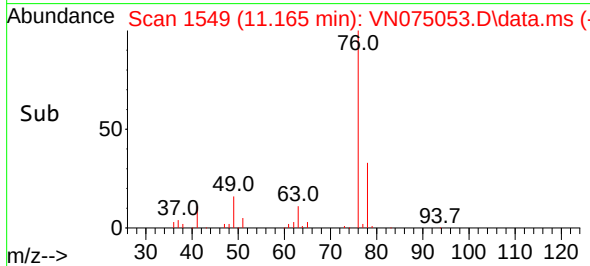
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 120824
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6

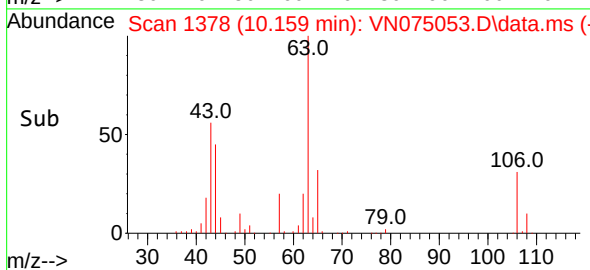
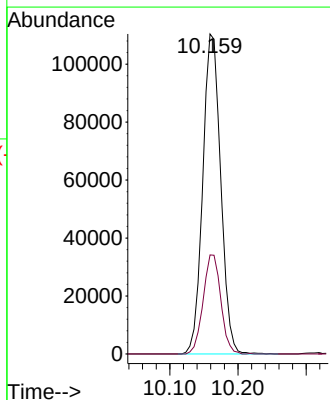
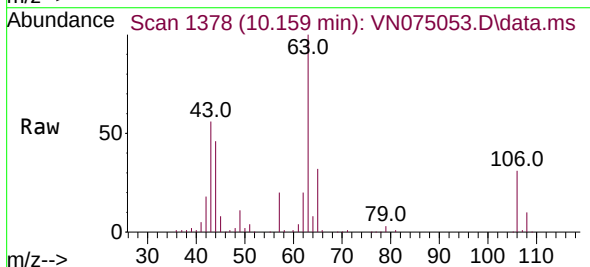
Manual Integrations
APPROVED

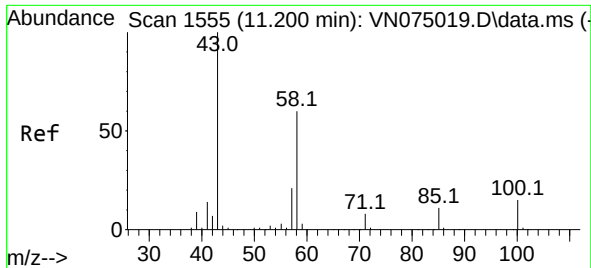
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
2-Chloroethyl Vinyl ether
Concen: 253.278 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion: 63 Resp: 202205
Ion Ratio Lower Upper
63 100
106 30.4 24.8 37.2





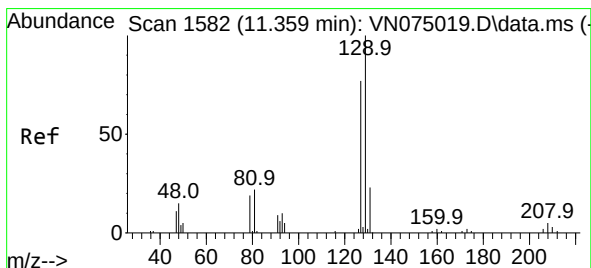
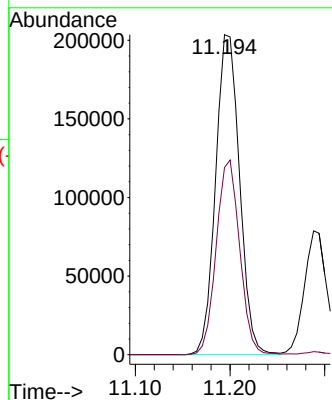
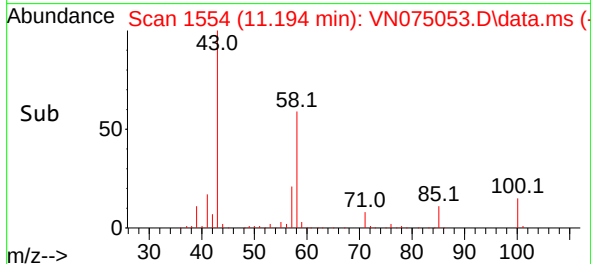
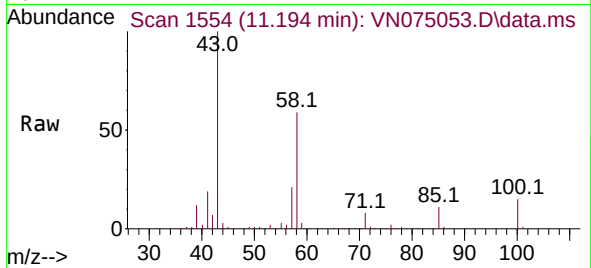
#59
2-Hexanone
Concen: 257.911 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 358448
Ion Ratio Lower Upper
43 100
58 59.6 29.6 88.8

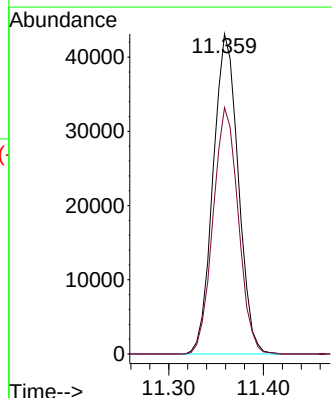
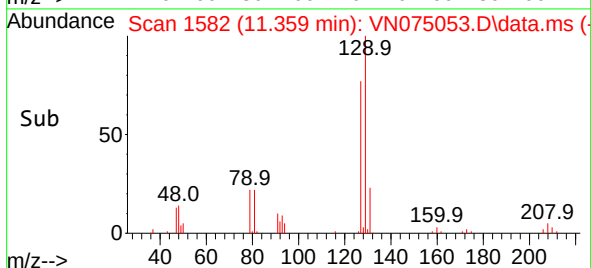
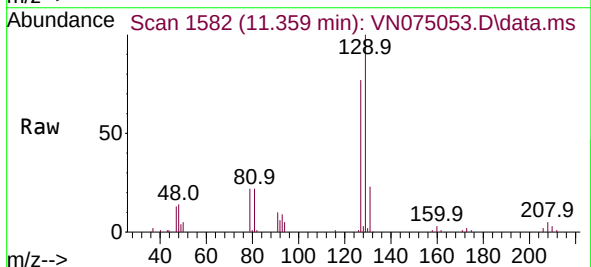
Manual Integrations
APPROVED

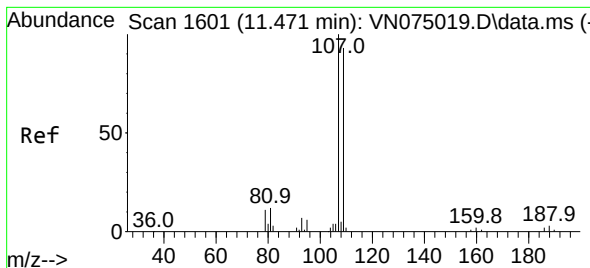
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 55.632 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

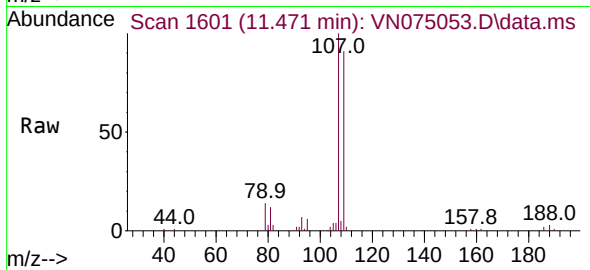
Tgt Ion:129 Resp: 79461
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.189 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

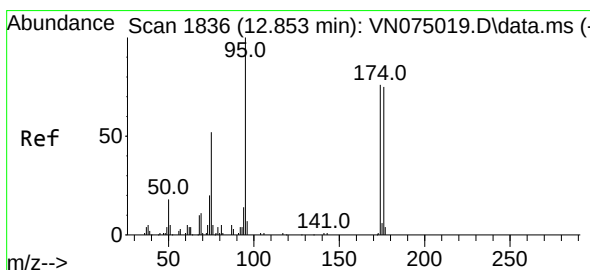
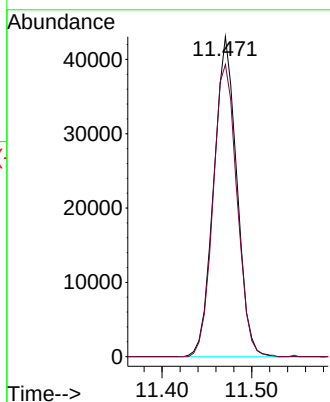
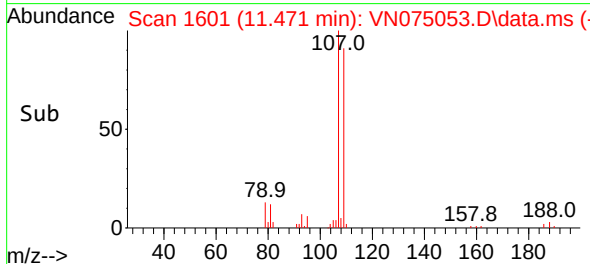
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



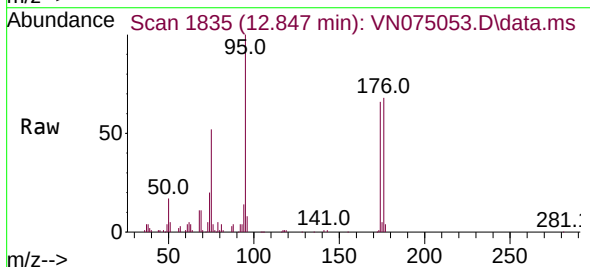
Tgt Ion:107 Resp: 76570
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

Manual Integrations
APPROVED

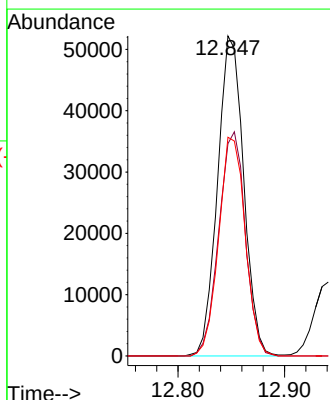
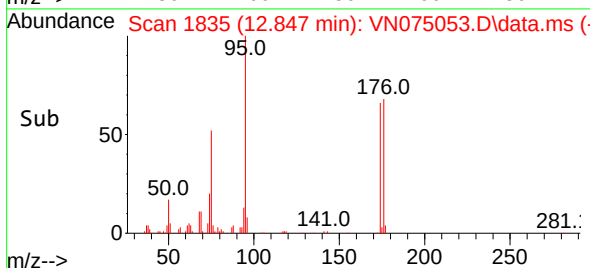
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

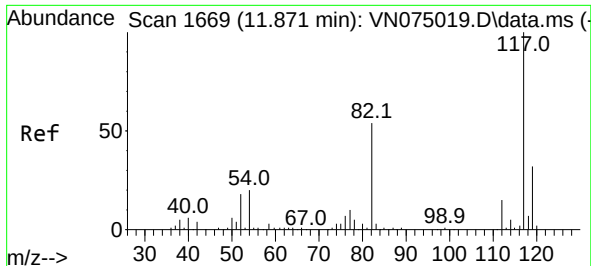


#62
4-Bromofluorobenzene
Concen: 60.489 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion: 95 Resp: 88829
Ion Ratio Lower Upper
95 100
174 70.9 0.0 147.4
176 69.3 0.0 142.2





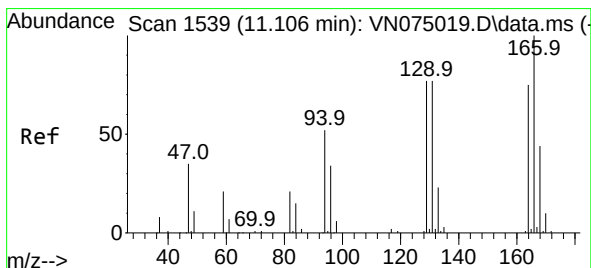
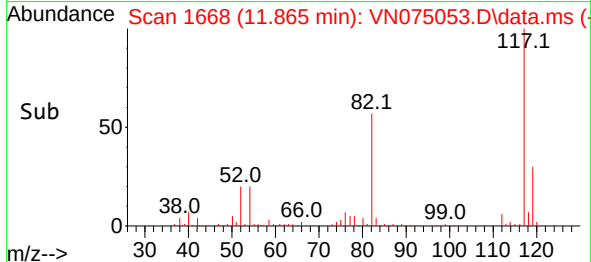
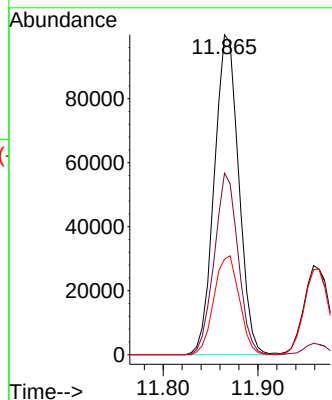
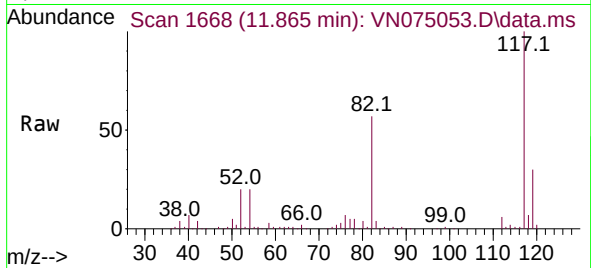
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 179258
Ion Ratio Lower Upper
117 100
82 56.7 43.1 64.7
119 29.8 25.5 38.3

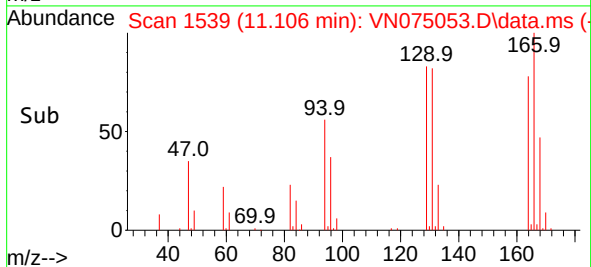
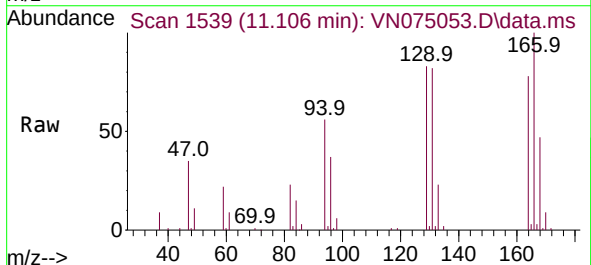
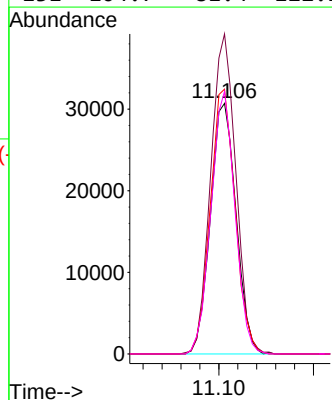
Manual Integrations
APPROVED

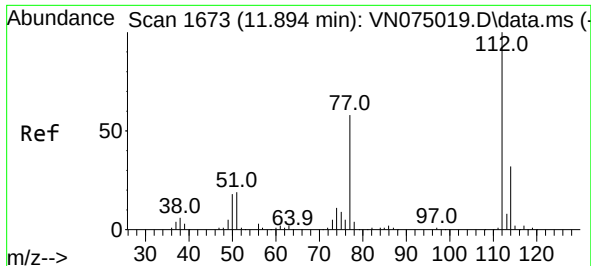
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 52.427 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

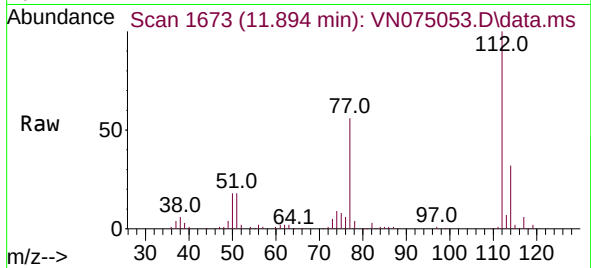
Tgt Ion:164 Resp: 57617
Ion Ratio Lower Upper
164 100
166 127.7 106.5 159.7
129 105.7 81.9 122.9
131 104.7 81.4 122.2





#65
Chlorobenzene
Concen: 51.839 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

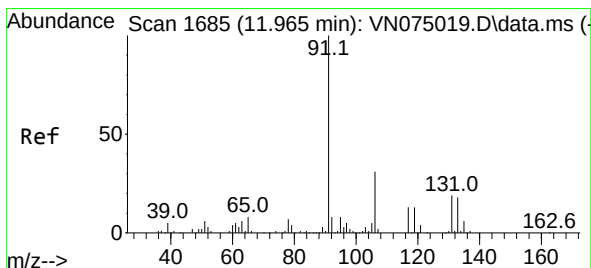
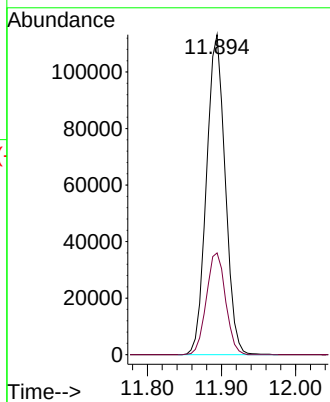
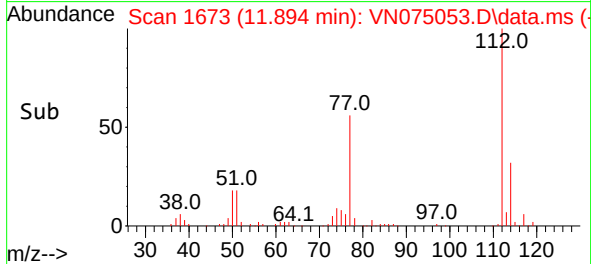
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 198352
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

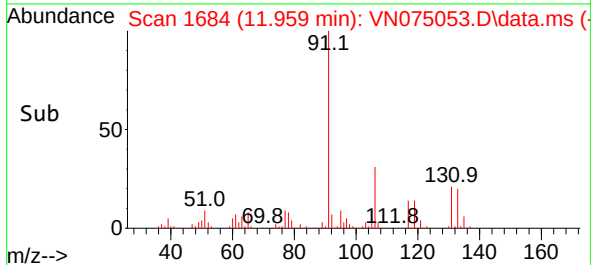
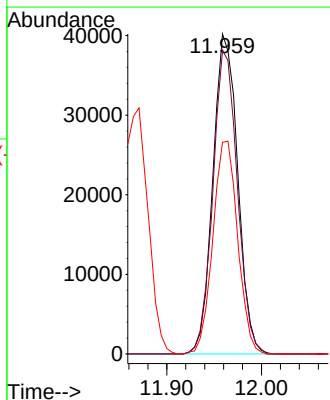
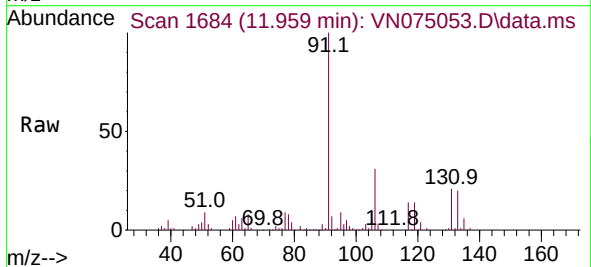
Manual Integrations
APPROVED

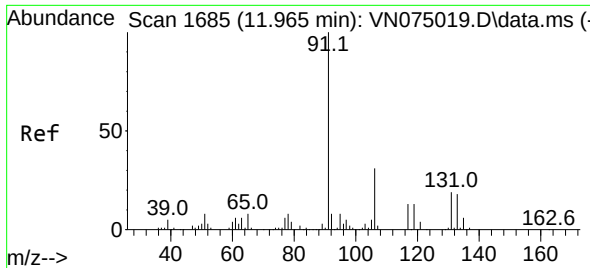
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.513 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

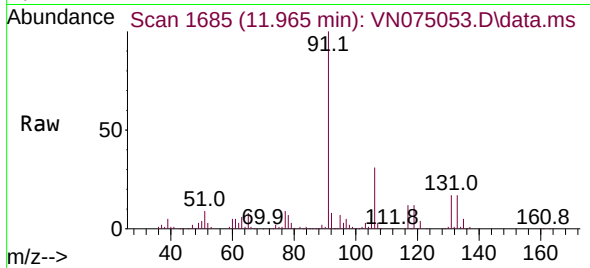
Tgt Ion:131 Resp: 73118
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 66.6 33.0 99.0





#67
Ethyl Benzene
Concen: 53.821 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

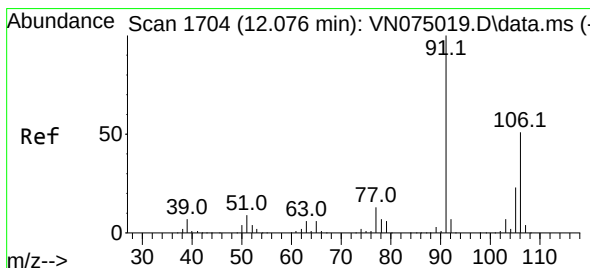
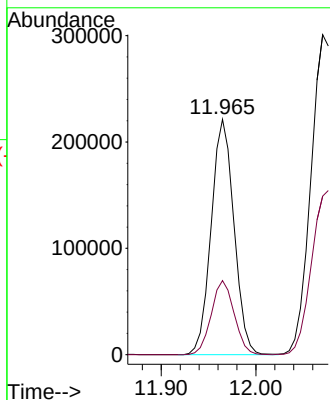
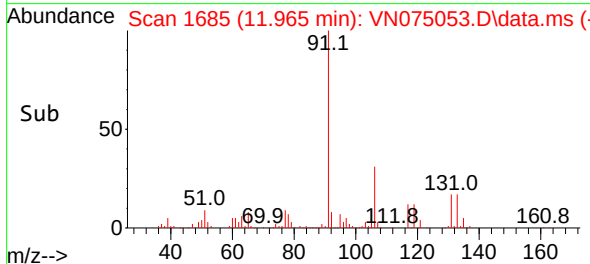
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 37050
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

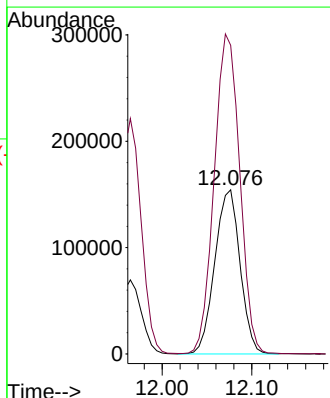
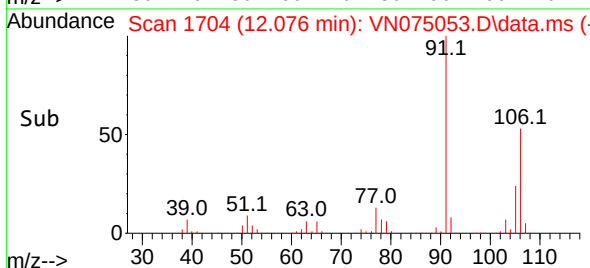
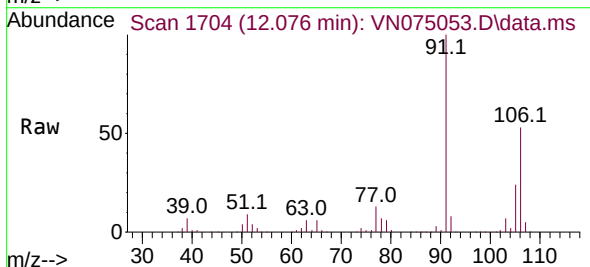
Manual Integrations
APPROVED

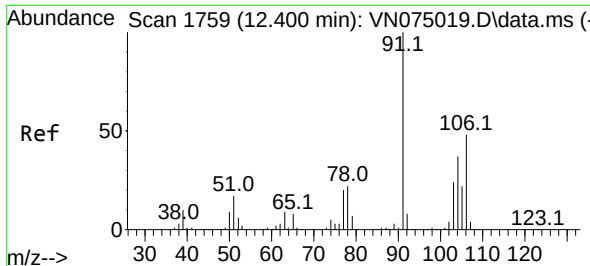
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 109.278 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Tgt Ion:106 Resp: 301850
Ion Ratio Lower Upper
106 100
91 197.0 156.0 234.0





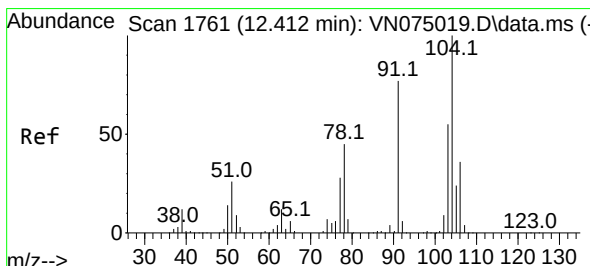
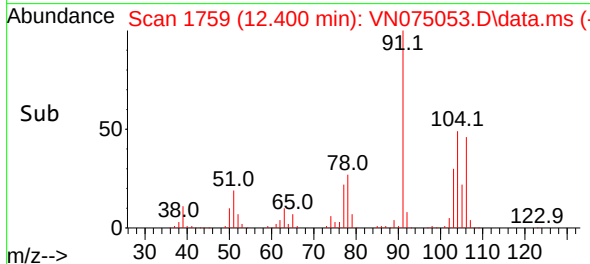
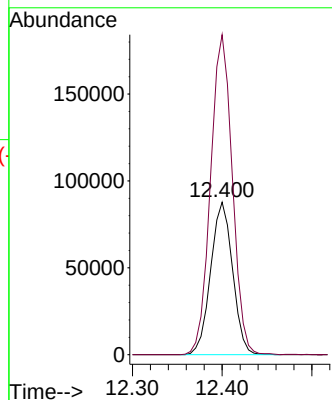
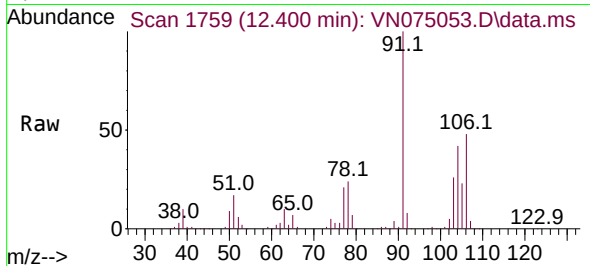
#69
o-Xylene
Concen: 54.485 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 148836
Ion Ratio Lower Upper
106 100
91 208.7 105.2 315.5

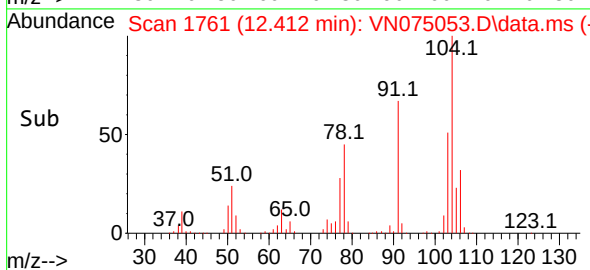
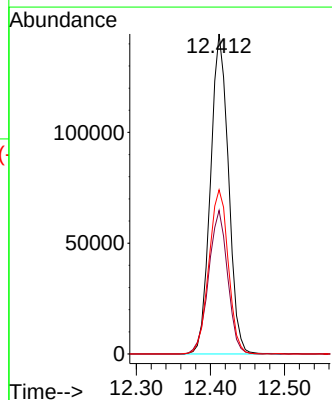
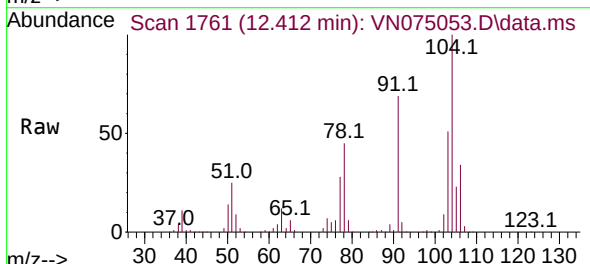
Manual Integrations
APPROVED

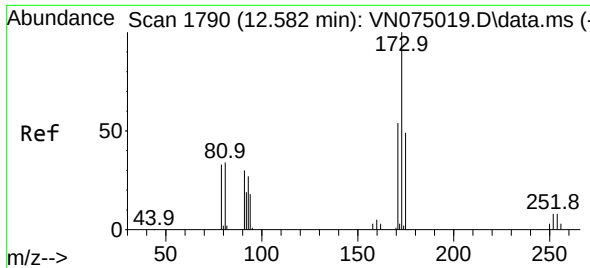
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 56.009 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

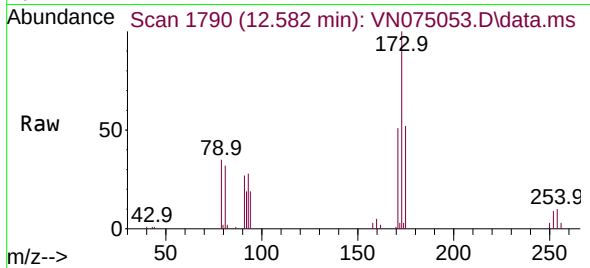
Tgt Ion:104 Resp: 243956
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 55.1 44.6 66.8





#71
Bromoform
Concen: 53.174 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

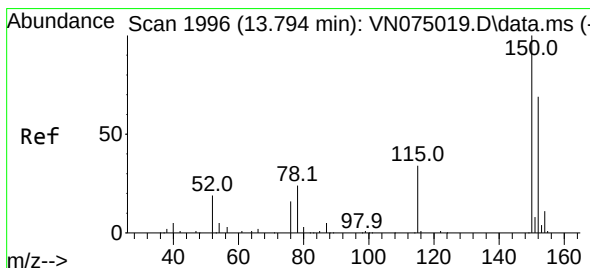
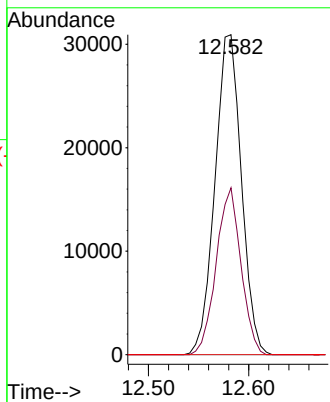
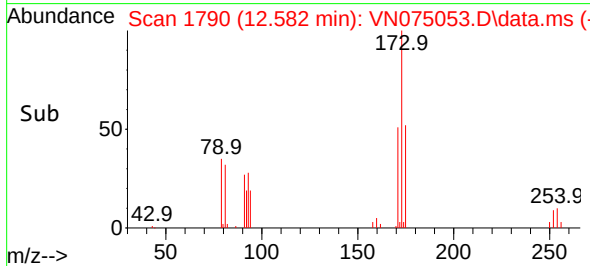
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



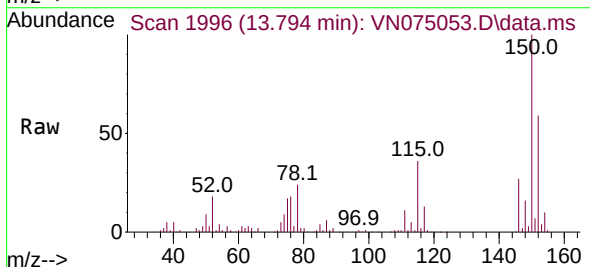
Tgt Ion:173 Resp: 56508
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

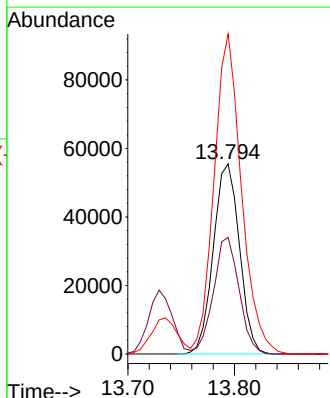
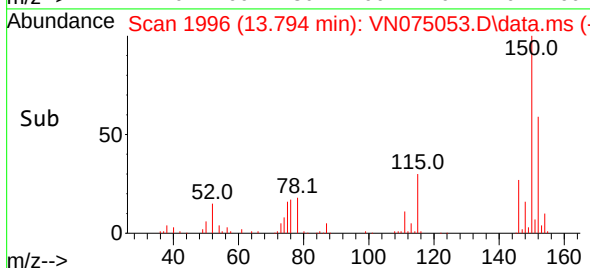
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

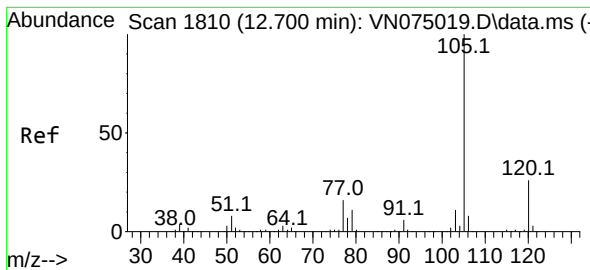


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion:152 Resp: 94377
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 176.3 0.0 348.4





#73

Isopropylbenzene

Concen: 50.857 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 38532

Ion Ratio Lower Upper

105 100

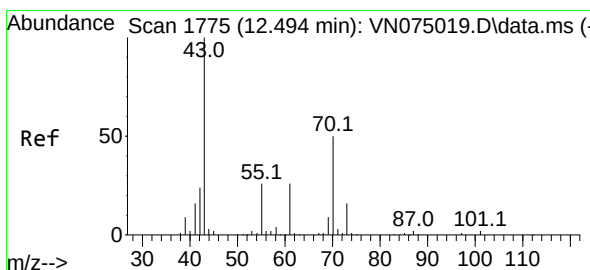
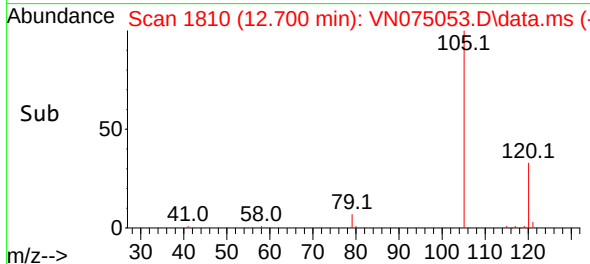
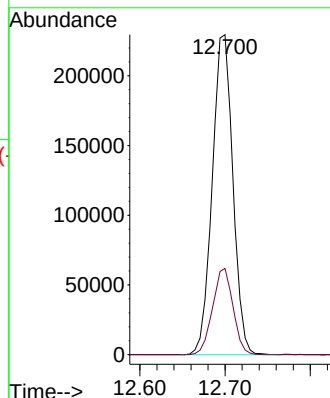
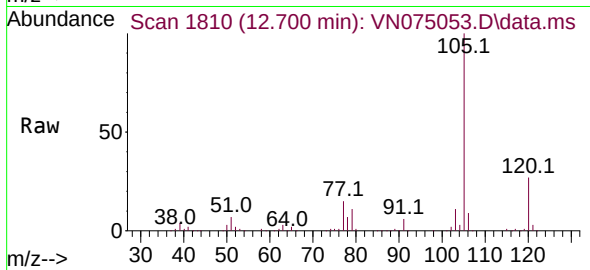
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

N-ethyl acetate

Concen: 48.497 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Tgt Ion: 43 Resp: 135902

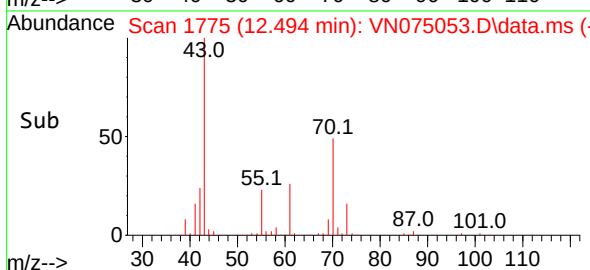
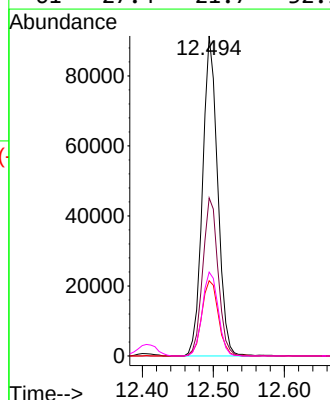
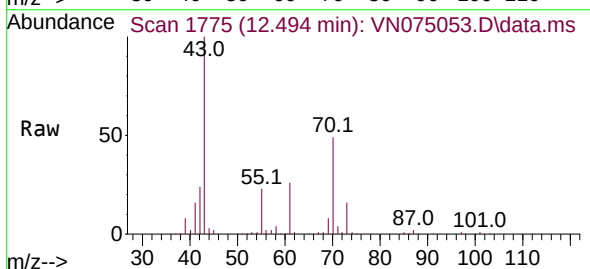
Ion Ratio Lower Upper

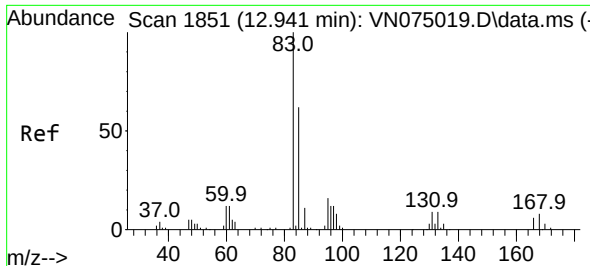
43 100

70 49.9 39.8 59.8

55 25.6 19.9 29.9

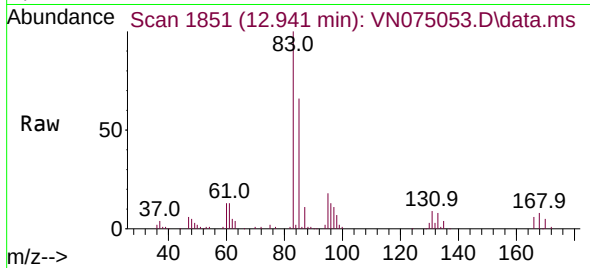
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 54.118 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

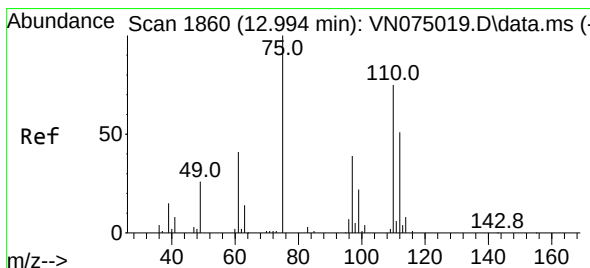
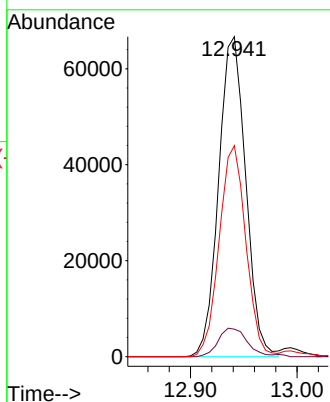
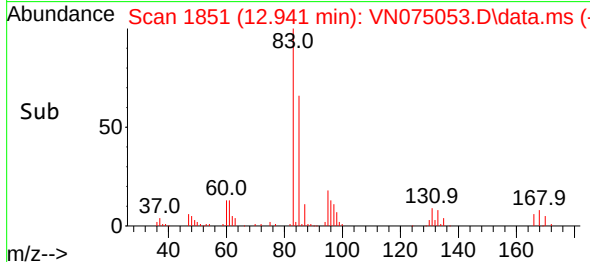
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11783
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.9 31.6 94.7

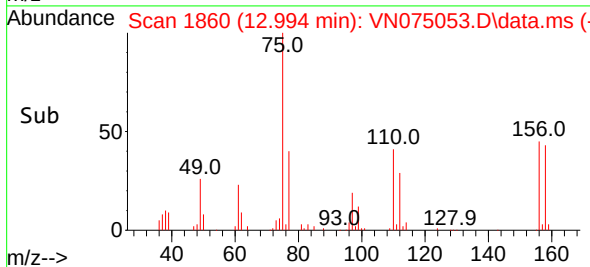
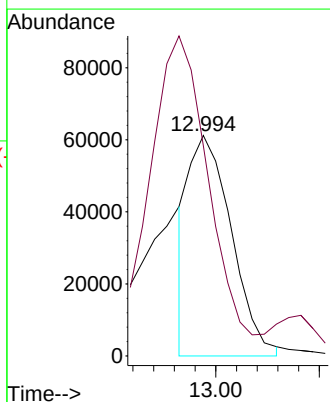
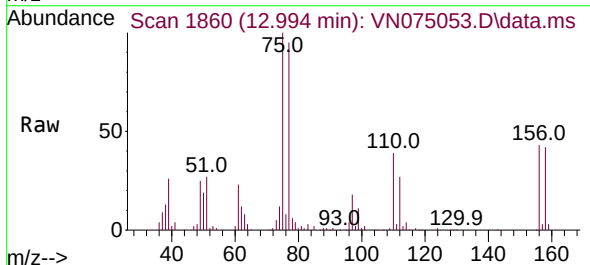
Manual Integrations
APPROVED

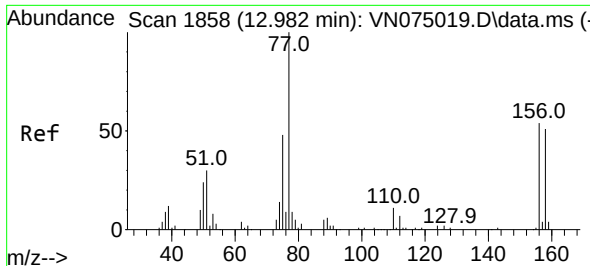
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 43.773 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

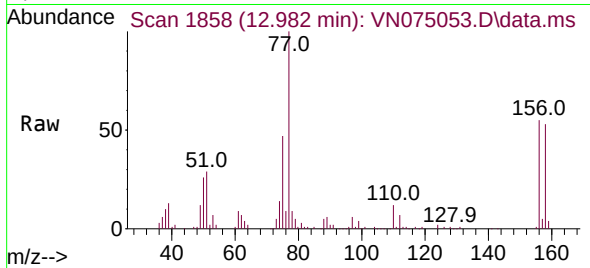
Tgt Ion: 75 Resp: 87716
Ion Ratio Lower Upper
75 100
77 202.4 75.6 226.8





#77
Bromobenzene
Concen: 49.451 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

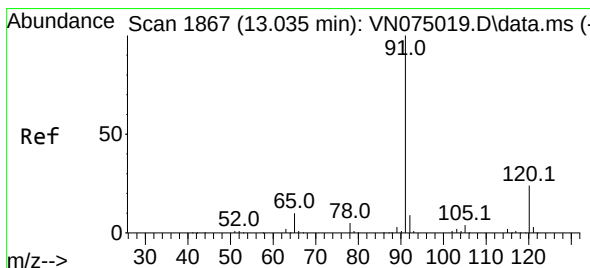
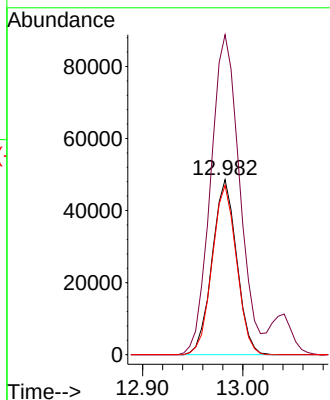
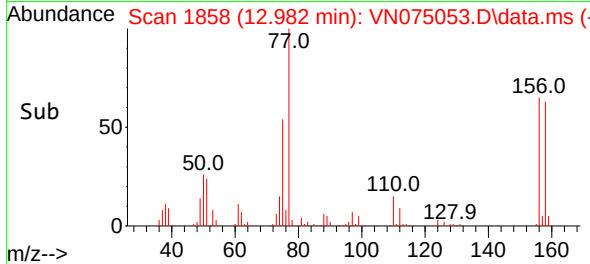
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



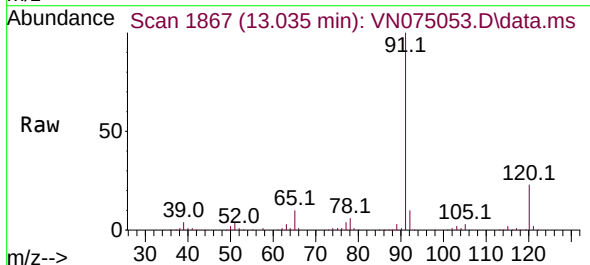
Tgt Ion:156 Resp: 82499
Ion Ratio Lower Upper
156 100
77 215.2 108.5 325.5
158 96.0 47.7 143.1

Manual Integrations
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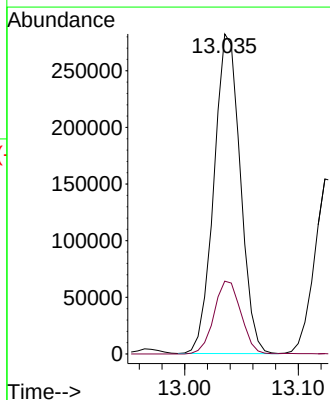
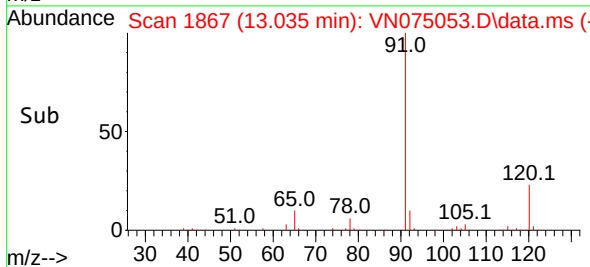
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

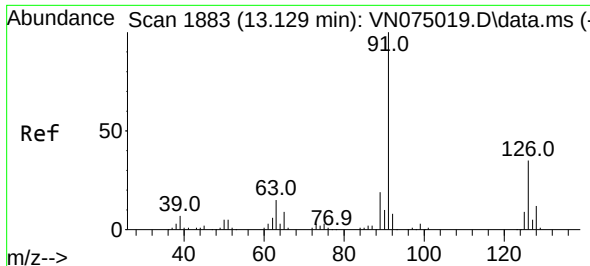


#78
n-propylbenzene
Concen: 53.553 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion: 91 Resp: 455560
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





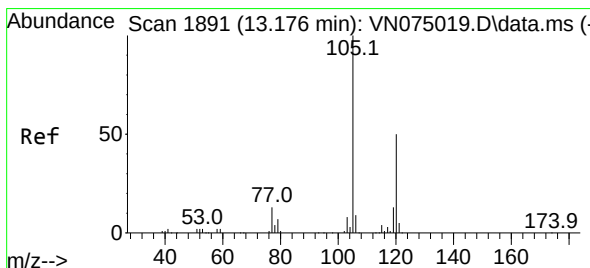
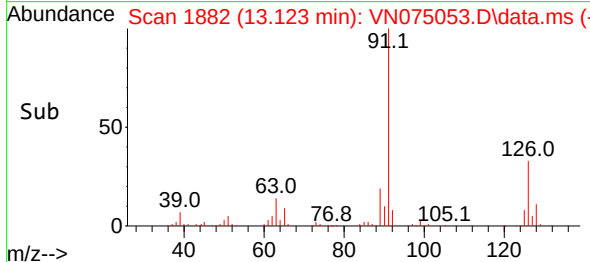
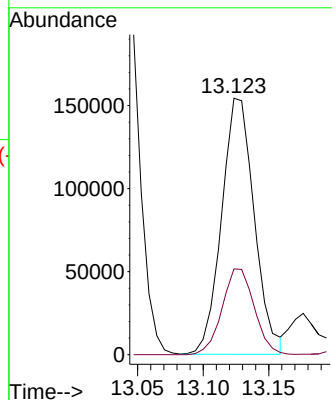
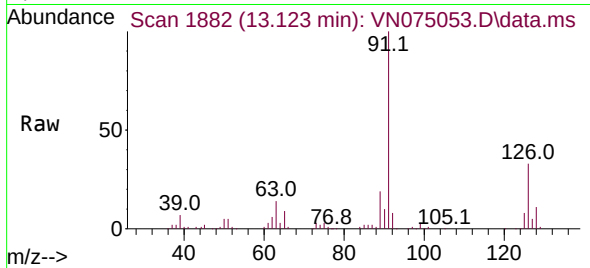
#79
2-Chlorotoluene
Concen: 51.484 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26762
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7

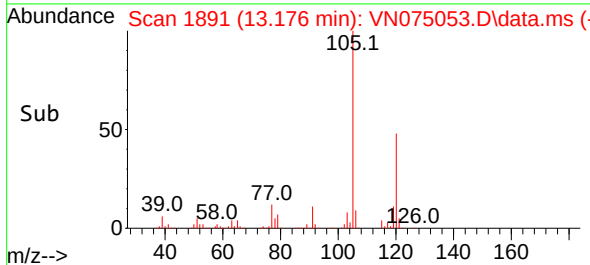
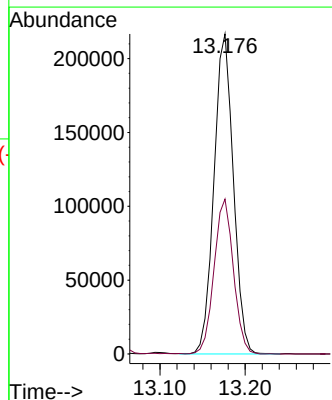
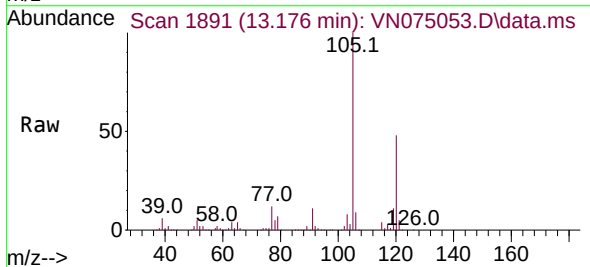
Manual Integrations
APPROVED

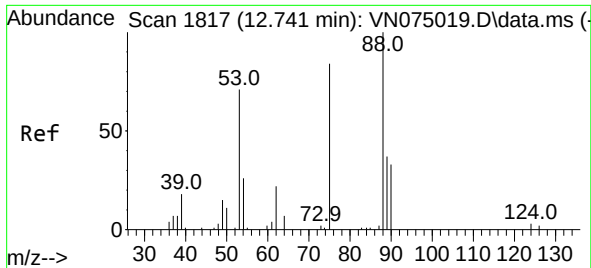
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.795 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

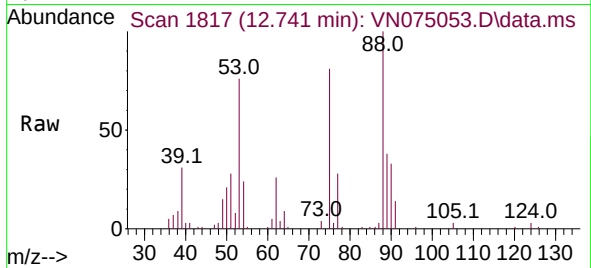
Tgt Ion:105 Resp: 342343
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.524 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

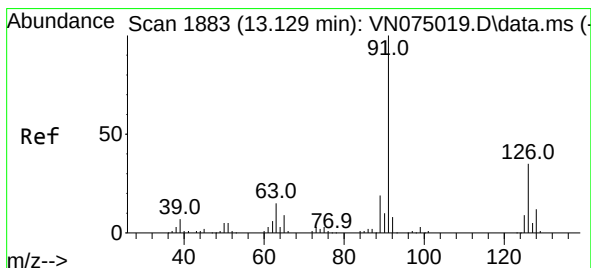
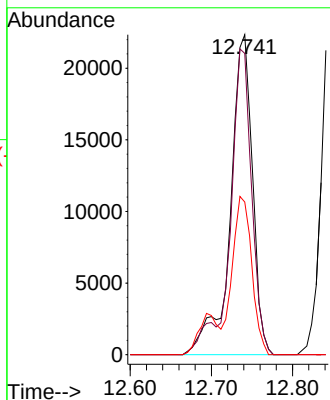
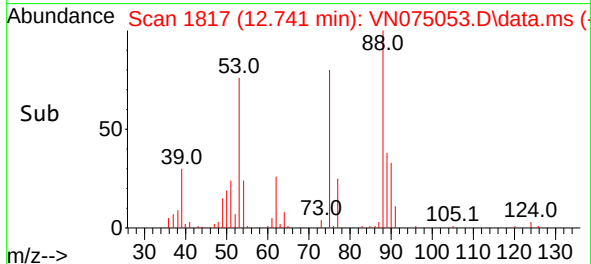
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4256
Ion Ratio Lower Upper
75 100
53 92.2 78.5 117.7
89 43.3 37.7 56.5

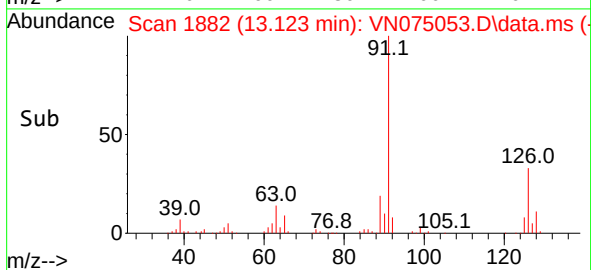
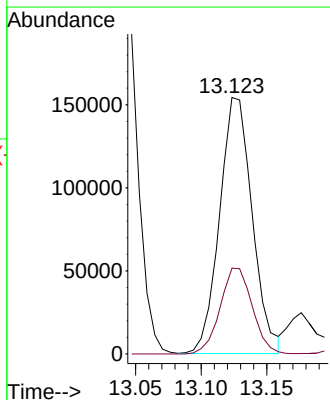
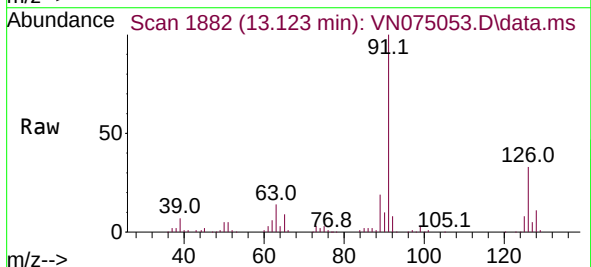
Manual Integrations
APPROVED

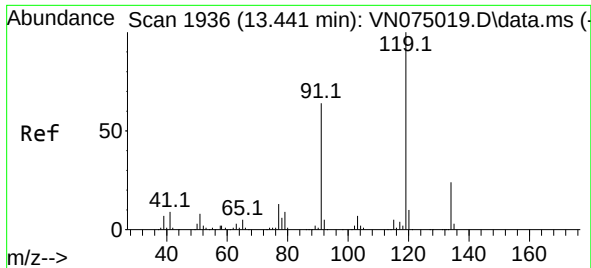
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 51.484 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

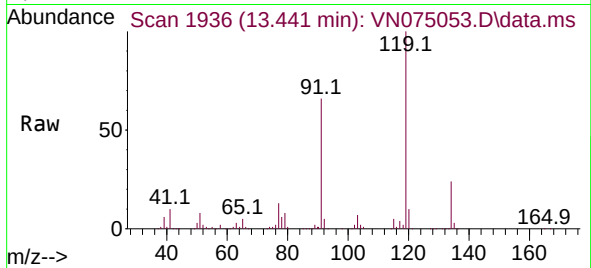
Tgt Ion: 91 Resp: 267622
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 51.860 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

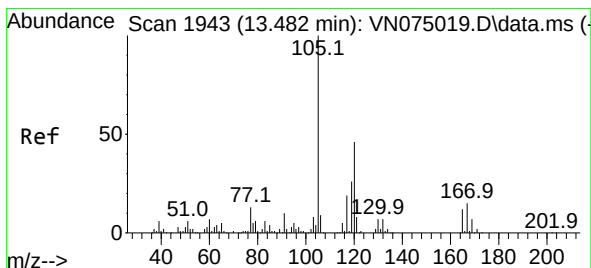
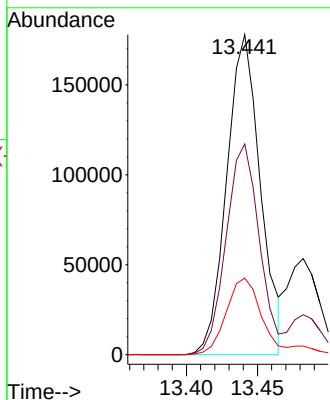
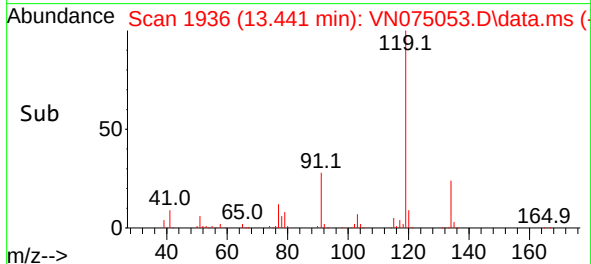
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



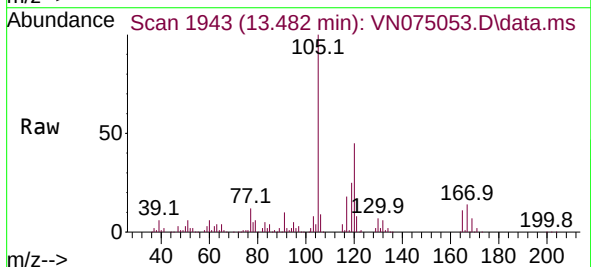
Tgt Ion:119 Resp: 293249
Ion Ratio Lower Upper
119 100
91 66.4 32.8 98.4
134 24.8 12.3 36.9

Manual Integrations
APPROVED

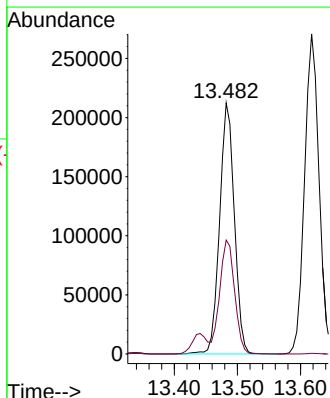
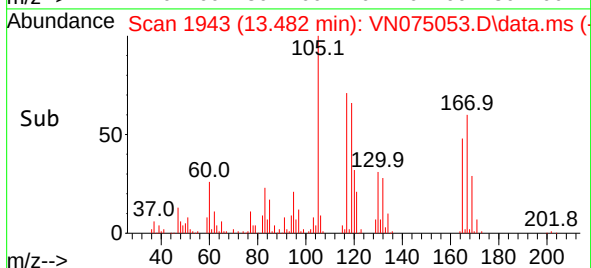
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

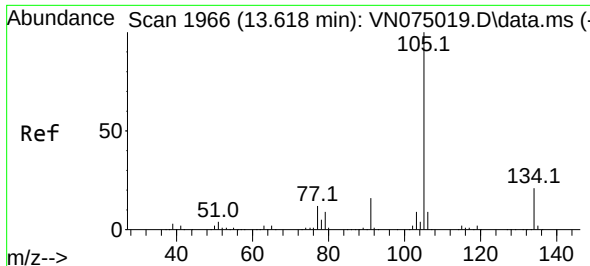


#84
1,2,4-Trimethylbenzene
Concen: 53.509 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion:105 Resp: 344538
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





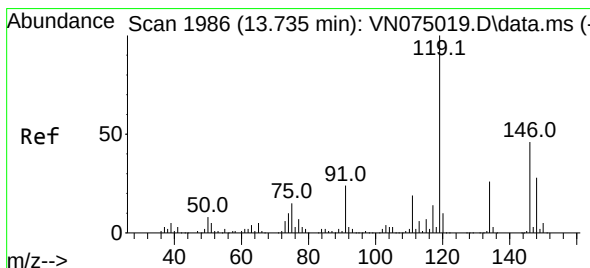
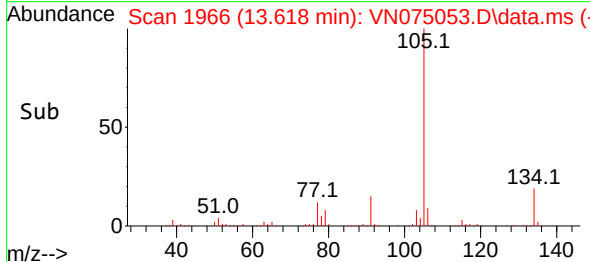
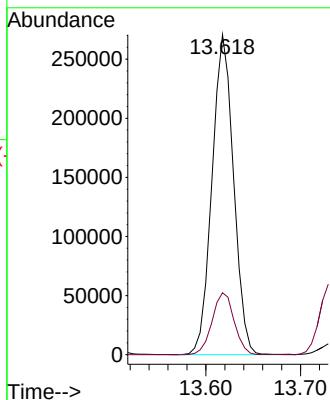
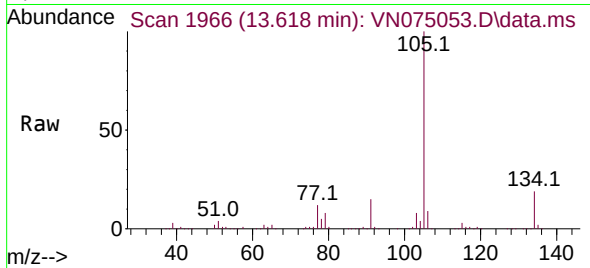
#85
 sec-Butylbenzene
 Concen: 54.147 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075053.D
 Acq: 28 Oct 2022 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 428320
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6

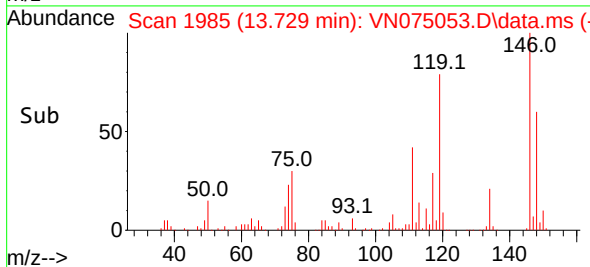
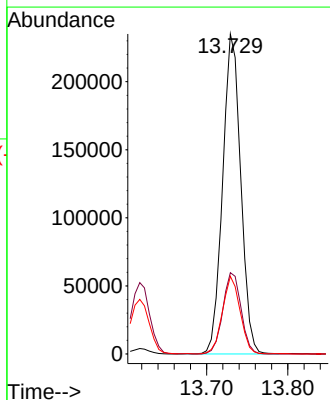
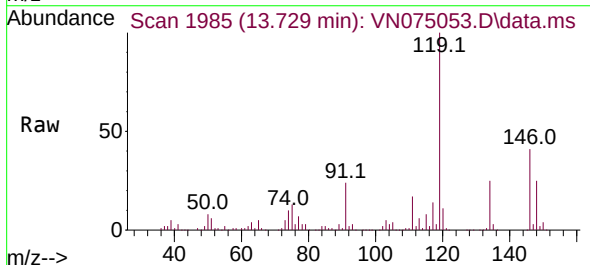
Manual Integrations
 APPROVED

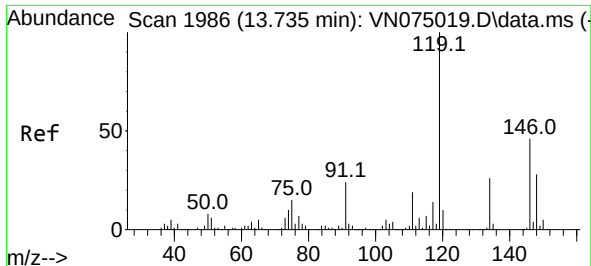
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 55.781 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075053.D
 Acq: 28 Oct 2022 11:02

Tgt Ion:119 Resp: 364417
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.595 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 171800

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

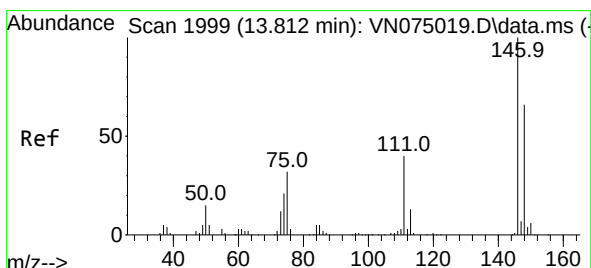
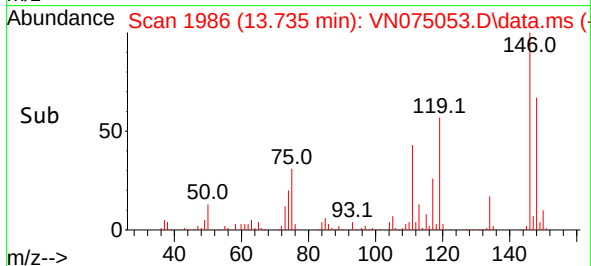
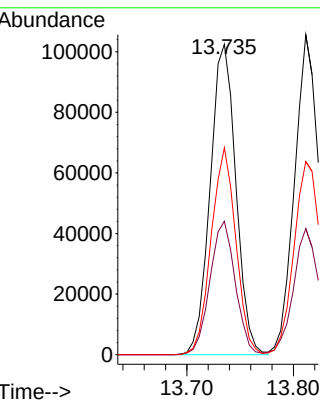
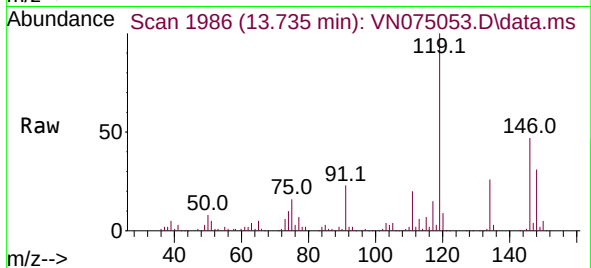
148 64.0 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 52.866 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

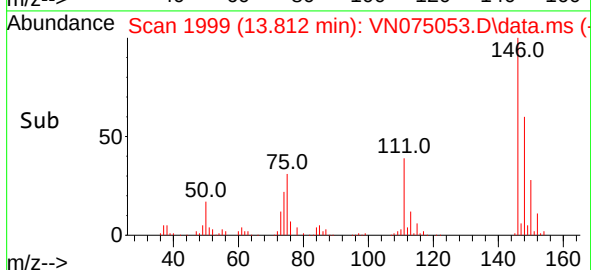
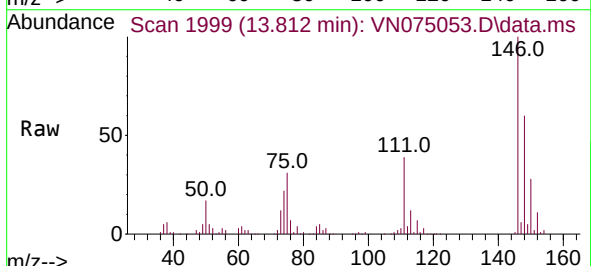
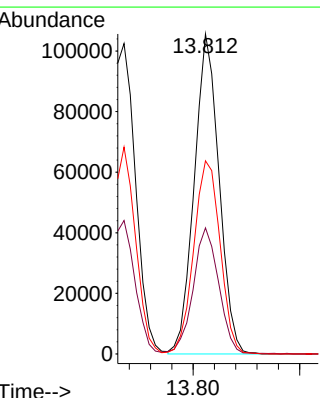
Tgt Ion:146 Resp: 170903

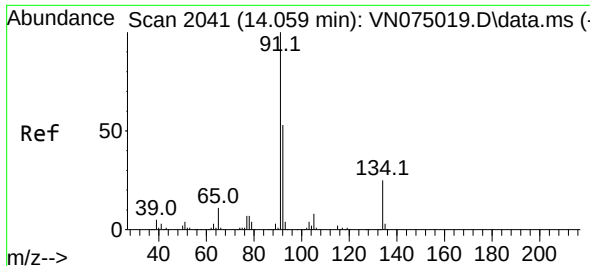
Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.3

148 64.3 31.9 95.7





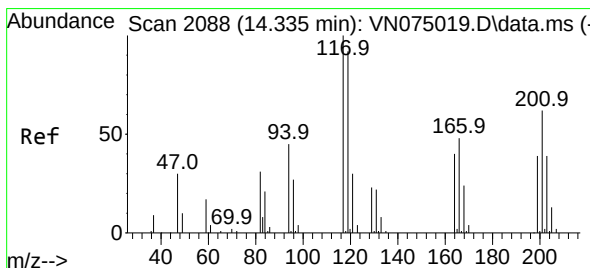
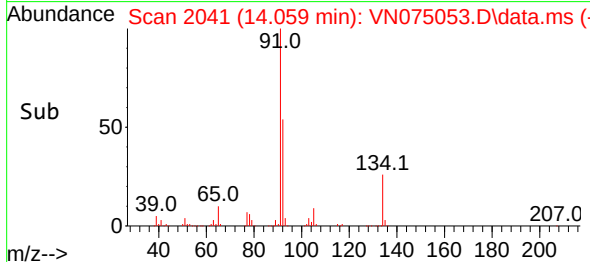
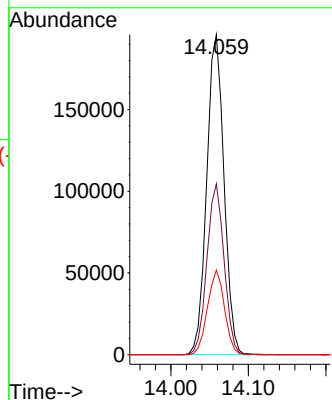
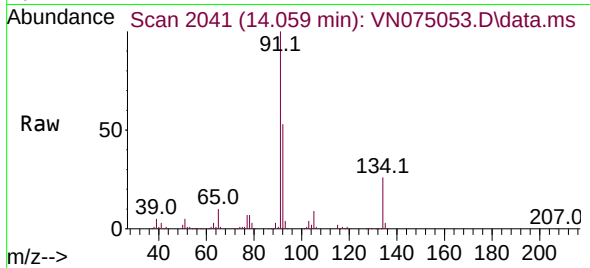
#89
n-Butylbenzene
Concen: 57.622 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 30314
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 26.0 13.0 39.0

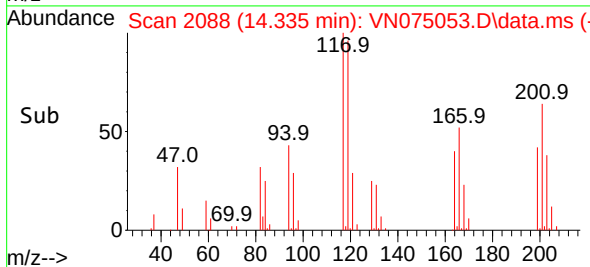
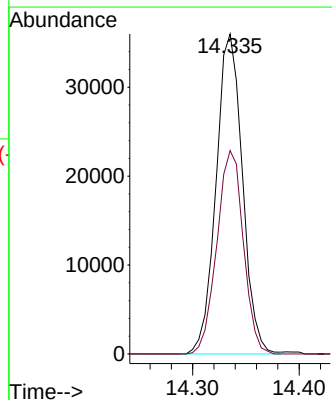
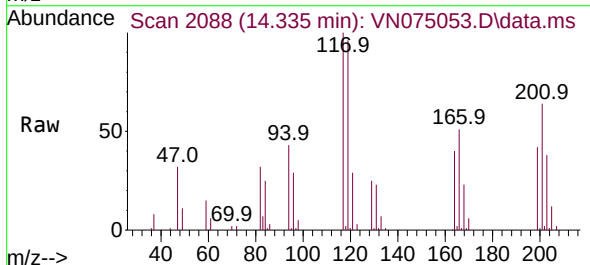
Manual Integrations
APPROVED

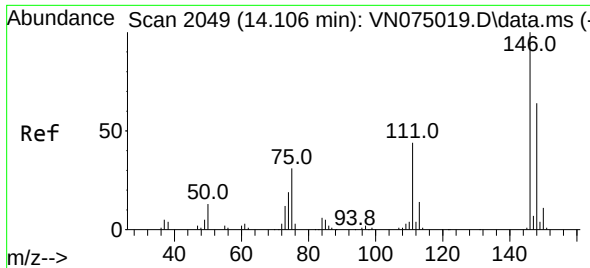
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 51.555 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

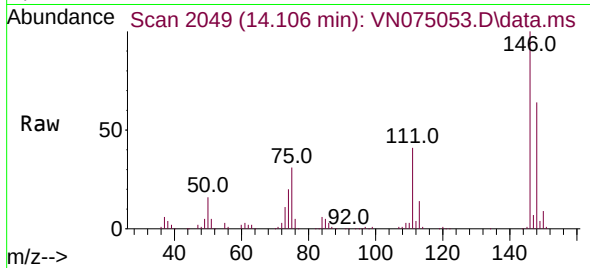
Tgt Ion:117 Resp: 61754
Ion Ratio Lower Upper
117 100
201 63.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 52.142 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

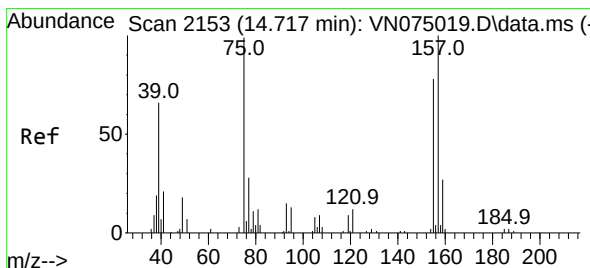
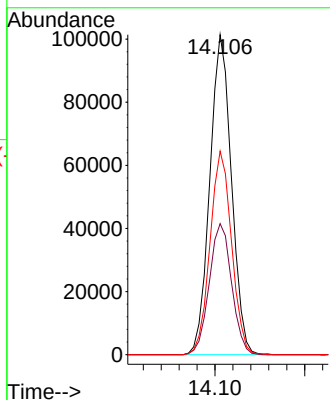
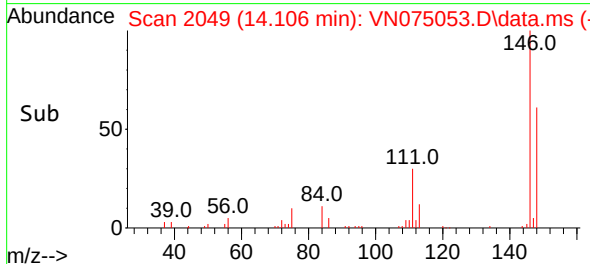
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



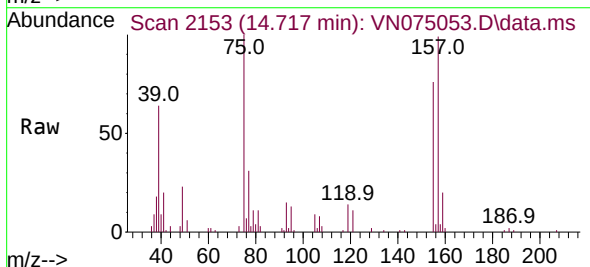
Tgt Ion:146 Resp: 169325
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.9
148 63.5 31.4 94.2

Manual Integrations
APPROVED

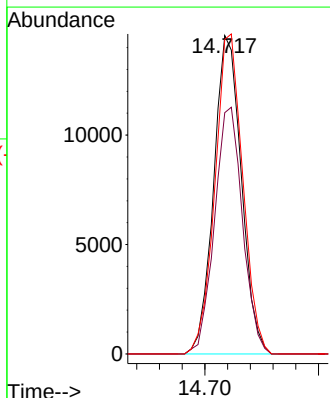
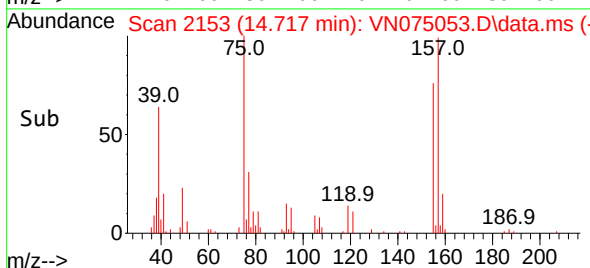
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

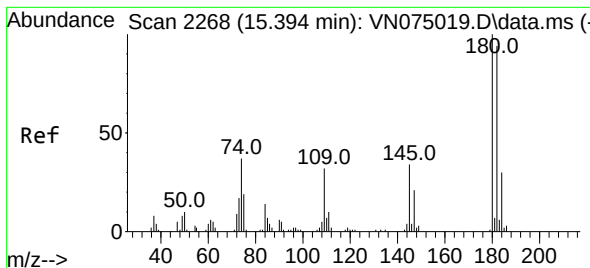


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.011 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion: 75 Resp: 24537
Ion Ratio Lower Upper
75 100
155 78.6 42.1 126.3
157 101.2 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 55.469 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

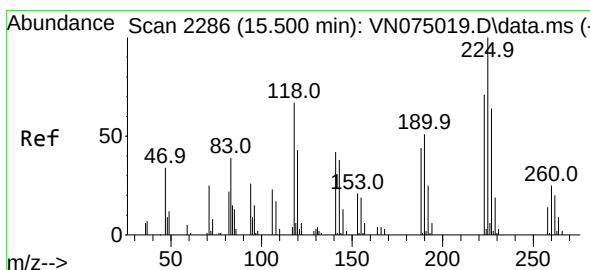
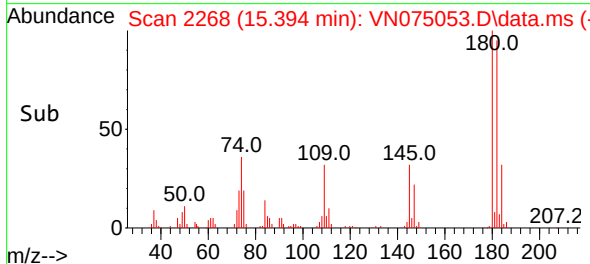
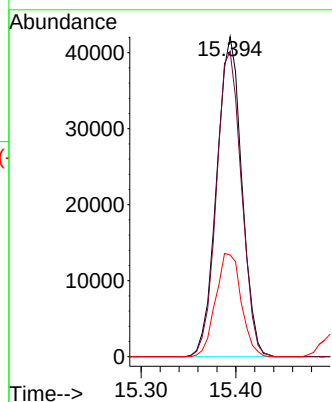
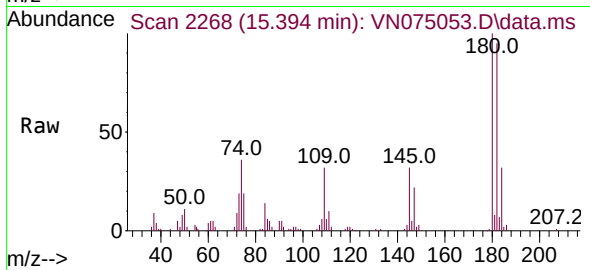
Tgt Ion:180	Resp:	7751
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.8 143.4
145	32.8	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 52.505 ug/l

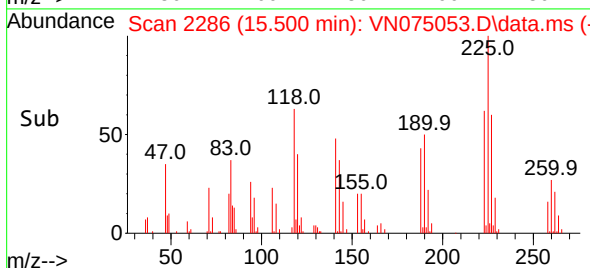
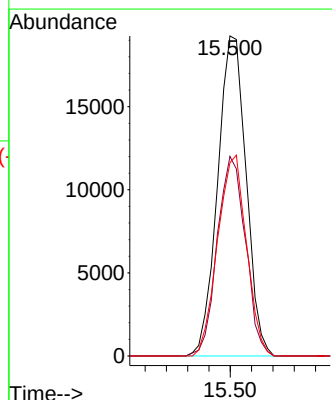
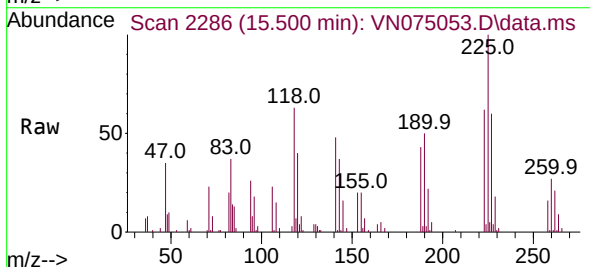
RT: 15.500 min Scan# 2286

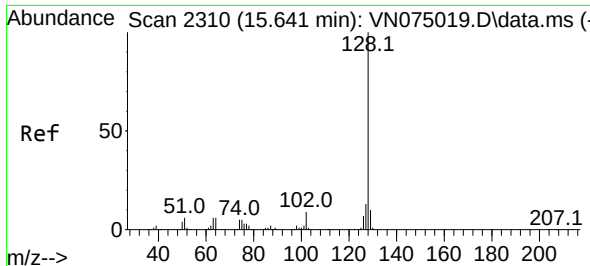
Delta R.T. -0.000 min

Lab File: VN075053.D

Acq: 28 Oct 2022 11:02

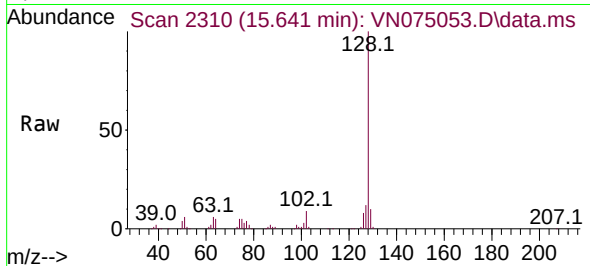
Tgt Ion:225	Resp:	35768
Ion Ratio	Lower	Upper
225	100	
223	61.7	32.3 96.9
227	63.3	32.0 96.2





#95
Naphthalene
Concen: 53.624 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02

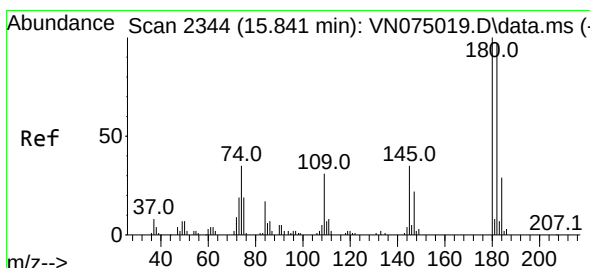
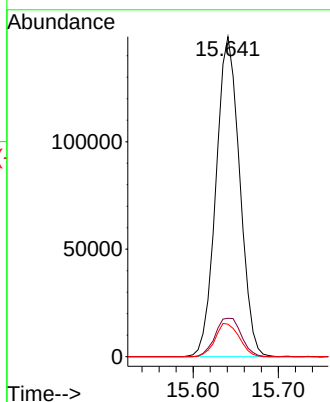
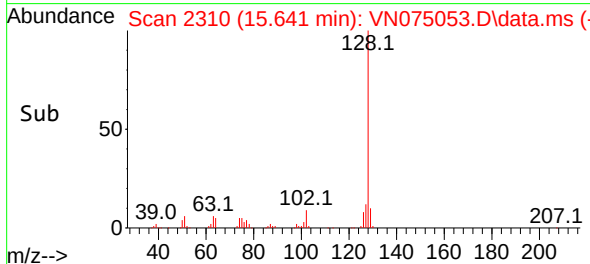
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



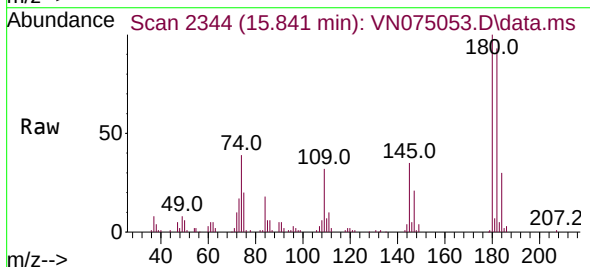
Tgt Ion:128 Resp: 288162
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carbone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.092 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075053.D
Acq: 28 Oct 2022 11:02



Tgt Ion:180 Resp: 77881
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 34.8 17.6 52.9

