

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075487.D
 Acq On : 29 Nov 2022 19:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2022
 Supervised By : Mahesh Dadoda 11/30/2022

Quant Time: Nov 30 02:31:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	151105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	245183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	36786	45.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.700%		
35) Dibromofluoromethane	8.171	113	46737	48.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.565	98	102225	47.123	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.240%		
62) 4-Bromofluorobenzene	12.847	95	76420	47.727	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	49684	43.000	ug/l	98
3) Chloromethane	2.371	50	58816	40.909	ug/l	98
4) Vinyl Chloride	2.524	62	80649	44.510	ug/l	95
5) Bromomethane	2.936	94	71863	45.101	ug/l	96
6) Chloroethane	3.112	64	63334	46.130	ug/l	98
7) Trichlorofluoromethane	3.501	101	119778	46.273	ug/l	99
8) Diethyl Ether	3.971	74	43006	47.403	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	67172	47.006	ug/l	92
10) Methyl Iodide	4.595	142	108883	47.023	ug/l	95
11) Tert butyl alcohol	5.536	59	70106	205.894	ug/l	99
12) 1,1-Dichloroethene	4.348	96	64850	46.344	ug/l	88
13) Acrolein	4.189	56	94364	318.124	ug/l	100
14) Allyl chloride	5.030	41	86667	47.882	ug/l	94
15) Acrylonitrile	5.730	53	186946	239.310	ug/l	98
16) Acetone	4.436	43	142416	188.240	ug/l	93
17) Carbon Disulfide	4.724	76	143749	39.529	ug/l	97
18) Methyl Acetate	5.036	43	98592	51.737	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	231582	46.718	ug/l	100
20) Methylene Chloride	5.289	84	76781	50.048	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	69551	43.613	ug/l	98
22) Diisopropyl ether	6.683	45	194125	46.998	ug/l	98
23) Vinyl Acetate	6.612	43	789341m	240.209	ug/l	
24) 1,1-Dichloroethane	6.571	63	124393	46.919	ug/l	100
25) 2-Butanone	7.488	43	232153	219.787	ug/l	97
26) 2,2-Dichloropropane	7.500	77	108888	44.191	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	87903	48.748	ug/l	92
28) Bromochloromethane	7.818	49	55295	51.381	ug/l	82
29) Tetrahydrofuran	7.841	42	149210	232.237	ug/l	97
30) Chloroform	7.971	83	145011	47.629	ug/l	99
31) Cyclohexane	8.259	56	109011	42.301	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	131000	47.387	ug/l	96
36) 1,1-Dichloropropene	8.377	75	99278	47.266	ug/l	97
37) Ethyl Acetate	7.565	43	88413	46.748	ug/l	96
38) Carbon Tetrachloride	8.365	117	117712	51.016	ug/l	100
39) Methylcyclohexane	9.600	83	127828	48.626	ug/l	95
40) Benzene	8.612	78	310713	48.316	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	46328	47.913	ug/l	91
42) 1,2-Dichloroethane	8.677	62	102558	47.618	ug/l	95
43) Isopropyl Acetate	8.688	43	176577	58.166	ug/l	97
44) Trichloroethene	9.353	130	83895	47.677	ug/l	97
45) 1,2-Dichloropropane	9.624	63	74063	48.328	ug/l	98
46) Dibromomethane	9.712	93	57775	49.842	ug/l	91
47) Bromodichloromethane	9.888	83	111877	49.839	ug/l	98
48) Methyl methacrylate	9.682	41	69822	49.741	ug/l	96
49) 1,4-Dioxane	9.700	88	37425	938.930	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	485508	251.099	ug/l	96
52) Toluene	10.629	92	209933	50.658	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	116753	51.808	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	125303	51.194	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	83803	49.650	ug/l	96
56) Ethyl methacrylate	10.877	69	122266	53.639	ug/l	96
57) 1,3-Dichloropropane	11.165	76	135676	49.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	219110	266.528	ug/l	95
59) 2-Hexanone	11.194	43	360458	248.267	ug/l	97
60) Dibromochloromethane	11.359	129	94144	54.340	ug/l	99
61) 1,2-Dibromoethane	11.471	107	87984	50.222	ug/l	100
64) Tetrachloroethene	11.106	164	74387	43.266	ug/l	93
65) Chlorobenzene	11.894	112	223341	48.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	86808	50.025	ug/l	99
67) Ethyl Benzene	11.965	91	404990	51.056	ug/l	100
68) m/p-Xylenes	12.071	106	327869	101.785	ug/l	100
69) o-Xylene	12.400	106	161306	50.400	ug/l	97
70) Styrene	12.412	104	262076	51.908	ug/l	98
71) Bromoform	12.582	173	71883	54.428	ug/l #	100
73) Isopropylbenzene	12.700	105	415777	49.548	ug/l	97
74) N-amyl acetate	12.494	43	133465	51.735	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	130297	50.930	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108398m	49.915	ug/l	
77) Bromobenzene	12.982	156	101195	48.847	ug/l	85
78) n-propylbenzene	13.035	91	471369	50.334	ug/l	99
79) 2-Chlorotoluene	13.123	91	283129	50.178	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	359837	51.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39110m	53.286	ug/l	
82) 4-Chlorotoluene	13.123	91	283129	50.178	ug/l	97
83) tert-Butylbenzene	13.441	119	320396	50.404	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	363570	51.990	ug/l	99
85) sec-Butylbenzene	13.618	105	446626	51.783	ug/l	99
86) p-Isopropyltoluene	13.729	119	381079	52.515	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	194151	49.463	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	189064	47.417	ug/l	98
89) n-Butylbenzene	14.059	91	304107	49.619	ug/l	98
90) Hexachloroethane	14.335	117	65578	52.385	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	191807	50.132	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24508	50.571	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	95705	48.811	ug/l	98
94) Hexachlorobutadiene	15.506	225	50811	49.751	ug/l	99
95) Naphthalene	15.641	128	305396	49.510	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	93207	48.367	ug/l	96

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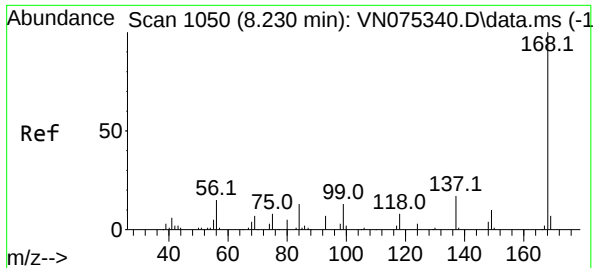
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

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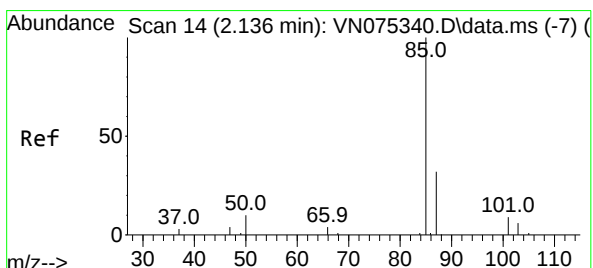
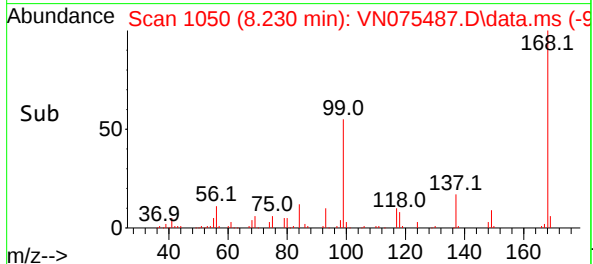
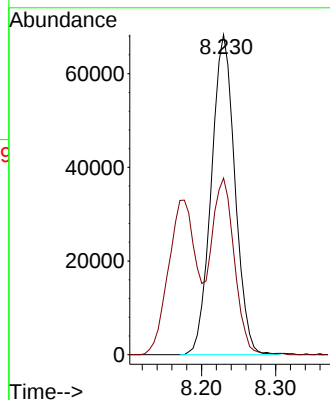
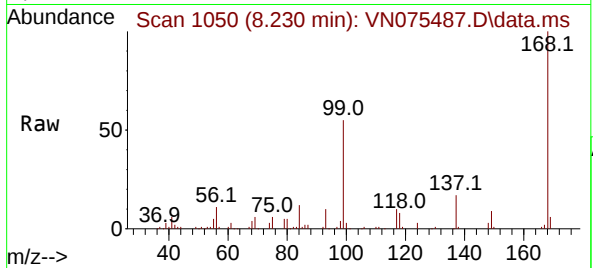
VSTDCCC050EC

Tgt Ion:168 Resp: 15110
Ion Ratio Lower Upper
168 100
99 54.8 51.6 77.4

Manual Integrations

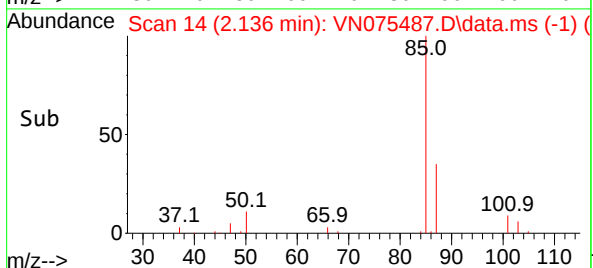
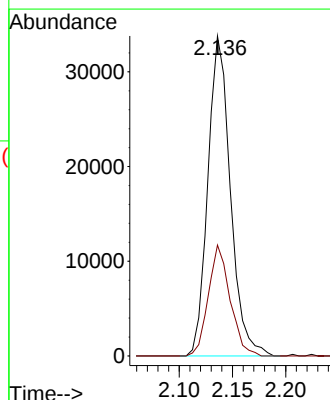
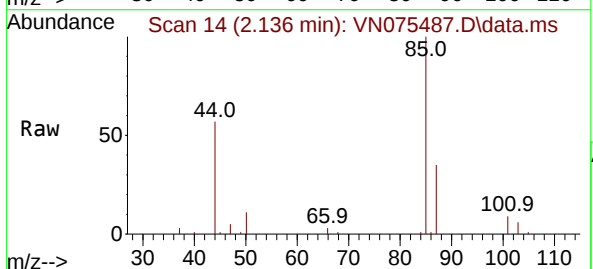
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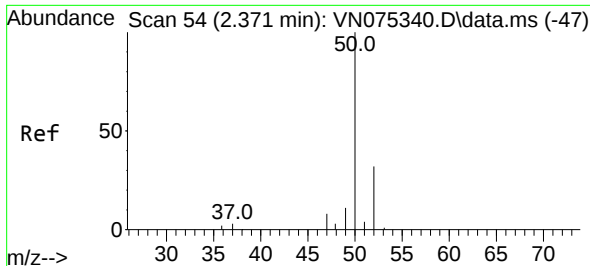
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#2
Dichlorodifluoromethane
Concen: 43.000 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion: 85 Resp: 49684
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.0





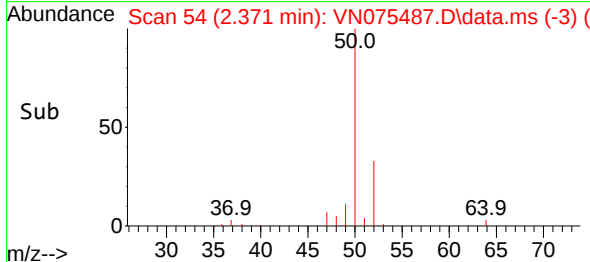
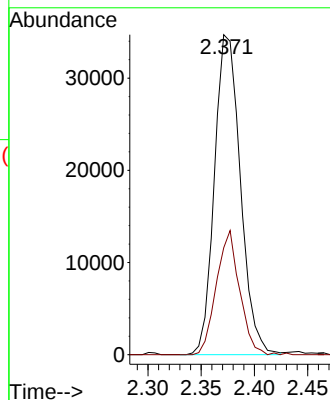
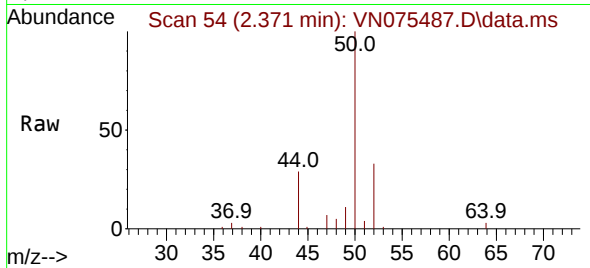
#3
Chloromethane
Concen: 40.909 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

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Tgt Ion: 50 Resp: 58810
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.6

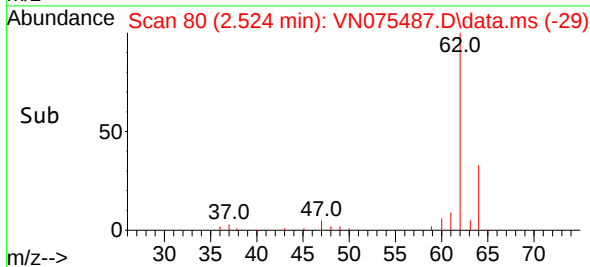
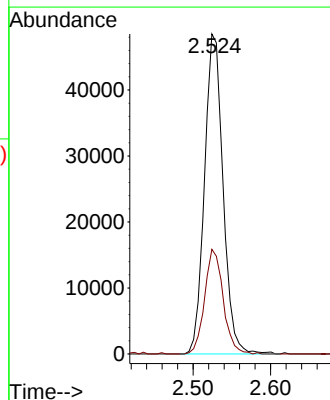
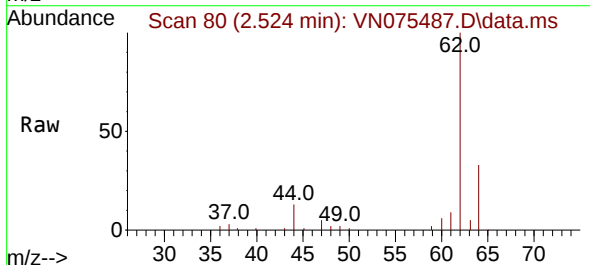
Manual Integrations
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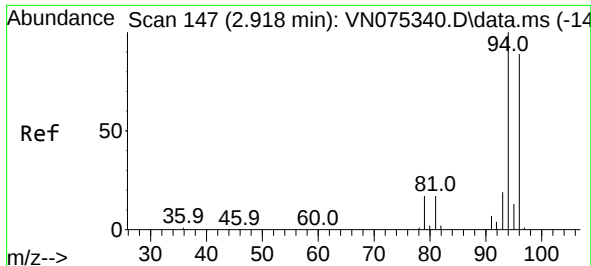
Reviewed By :John Carlone 11/30/2022
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#4
Vinyl Chloride
Concen: 44.510 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion: 62 Resp: 80649
Ion Ratio Lower Upper
62 100
64 32.7 24.0 36.0





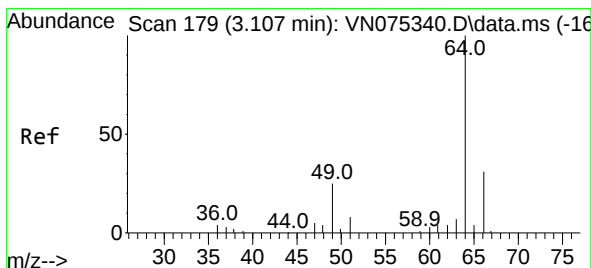
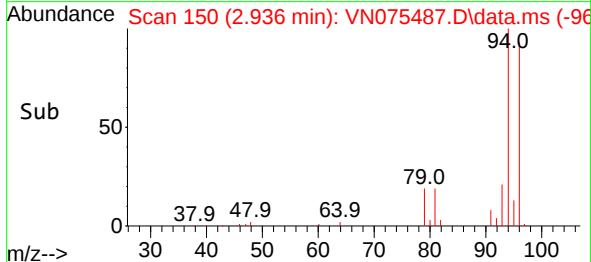
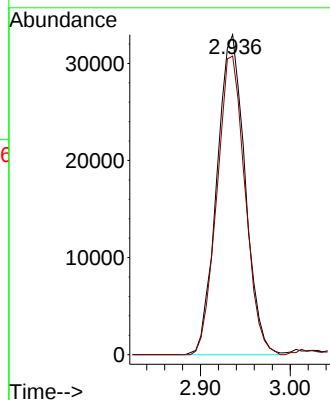
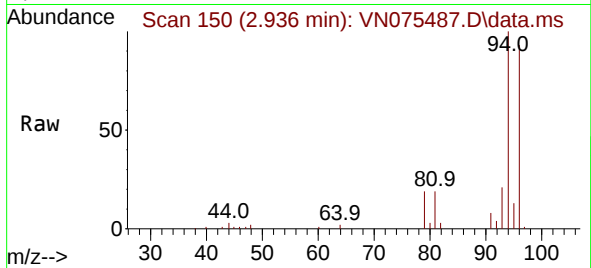
#5
Bromomethane
Concen: 45.101 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 7186
Ion Ratio Lower Upper
94 100
96 93.3 71.8 107.6

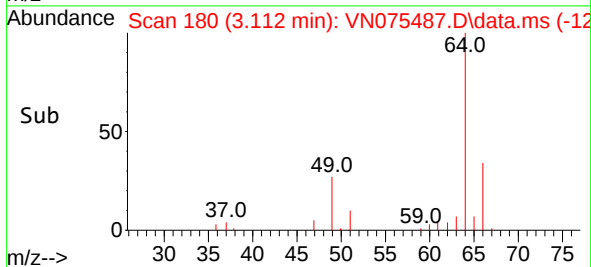
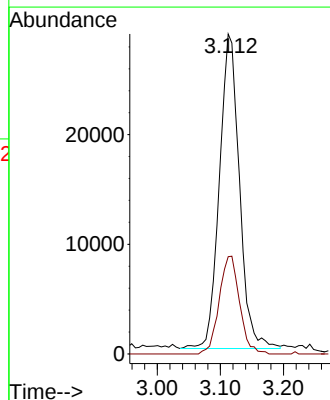
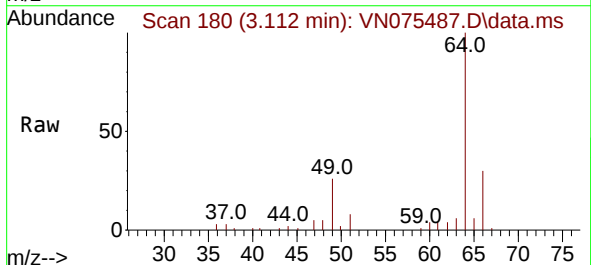
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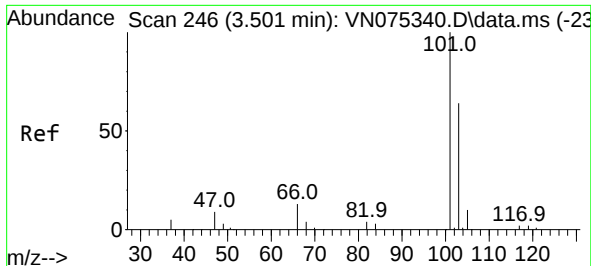
Reviewed By :John Carlone 11/30/2022
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#6
Chloroethane
Concen: 46.130 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

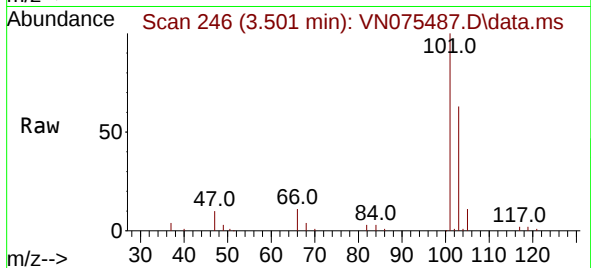
Tgt Ion: 64 Resp: 63334
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 46.273 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN075487.D
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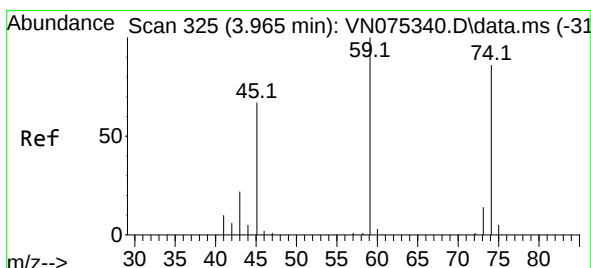
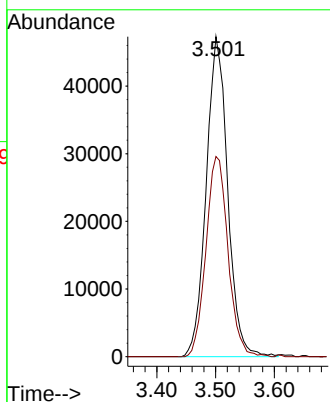
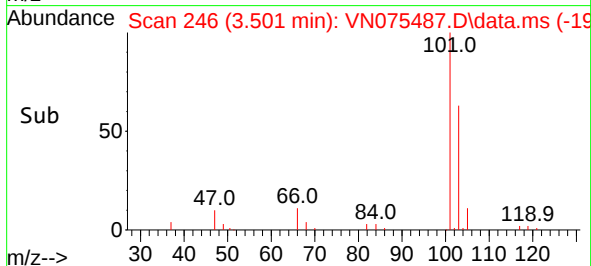
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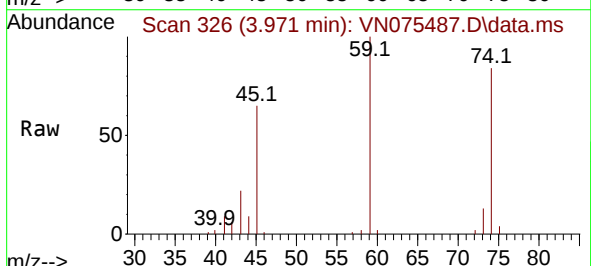
Tgt Ion:101 Resp: 119778
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.5 75.7

Manual Integrations
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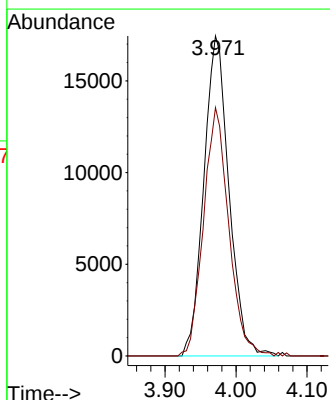
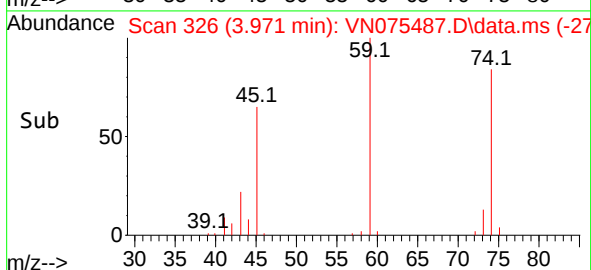
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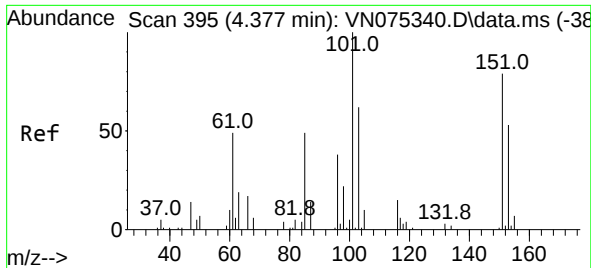


#8
 Diethyl Ether
 Concen: 47.403 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37



Tgt Ion: 74 Resp: 43006
 Ion Ratio Lower Upper
 74 100
 45 77.7 39.3 117.9





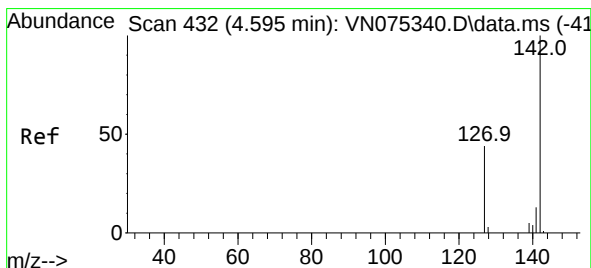
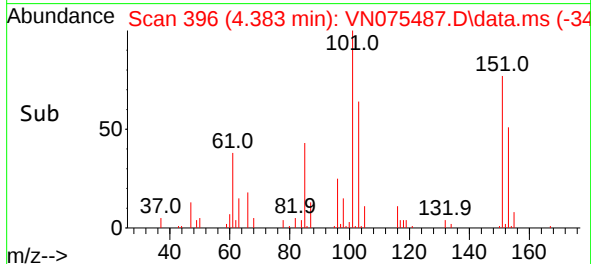
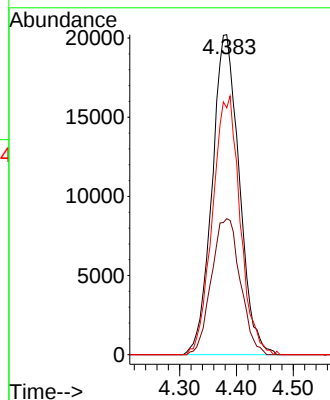
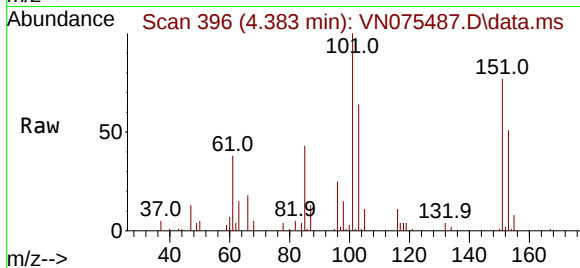
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.006 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

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Tgt Ion:101 Resp: 67172
Ion Ratio Lower Upper
101 100
85 45.1 37.6 56.4
151 81.9 58.3 87.5

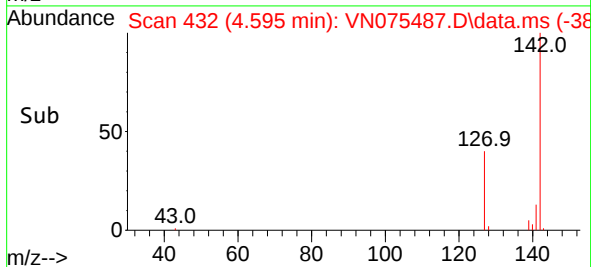
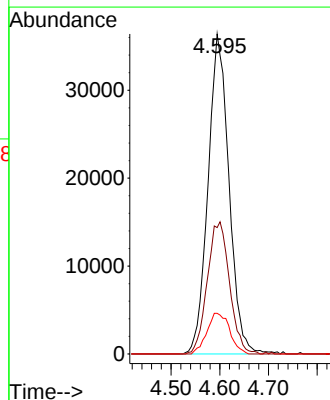
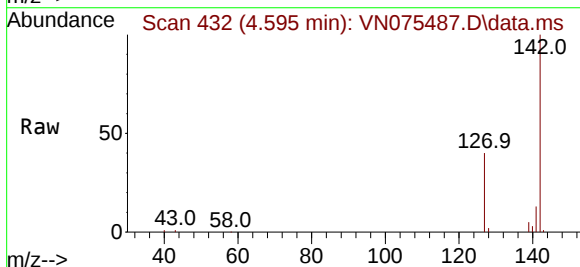
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#10
Methyl Iodide
Concen: 47.023 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion:142 Resp: 108883
Ion Ratio Lower Upper
142 100
127 43.7 38.0 57.0
141 13.9 12.2 18.4





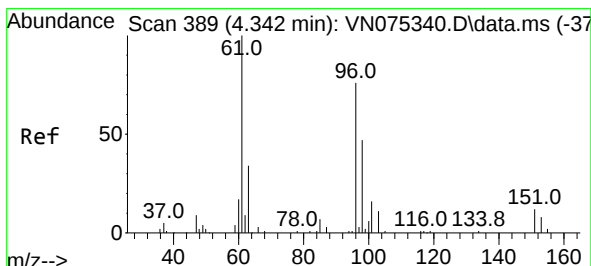
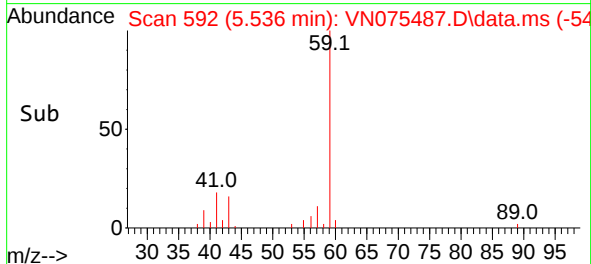
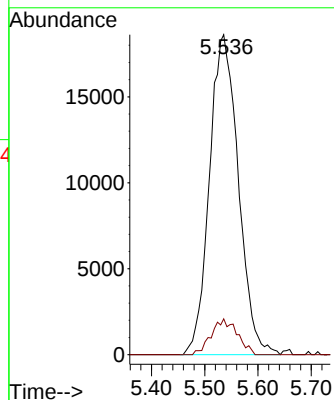
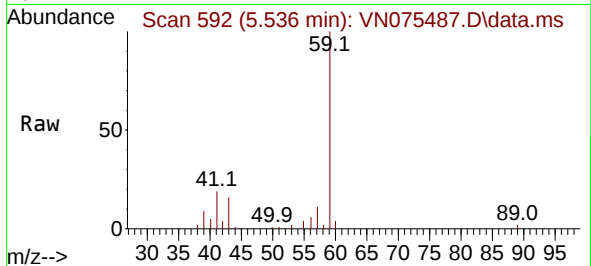
#11
Tert butyl alcohol
Concen: 205.894 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 70100
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

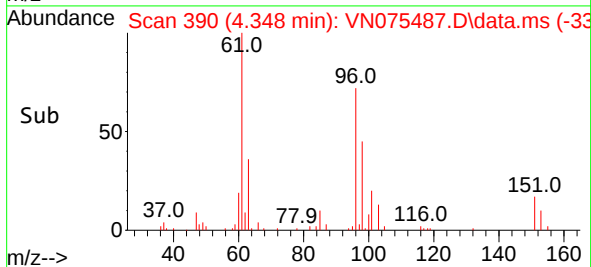
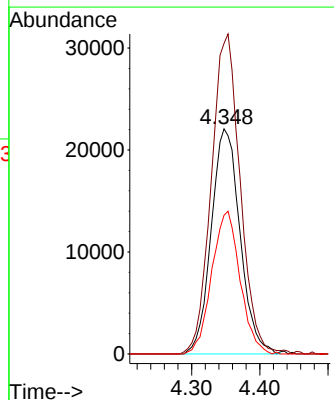
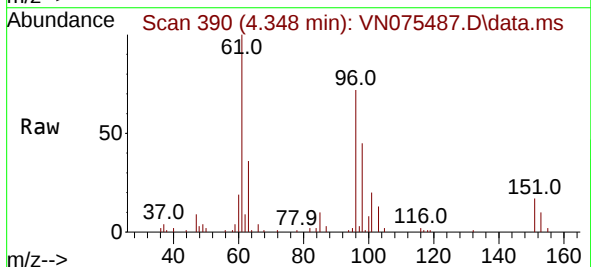
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#12
1,1-Dichloroethene
Concen: 46.344 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

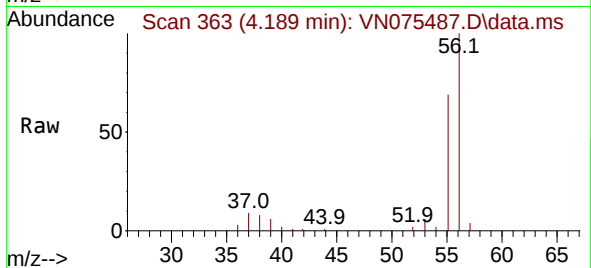
Tgt Ion: 96 Resp: 64850
Ion Ratio Lower Upper
96 100
61 138.0 126.2 189.4
98 61.6 51.5 77.3





#13
Acrolein
Concen: 318.124 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

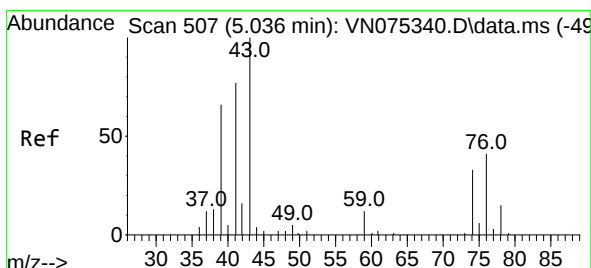
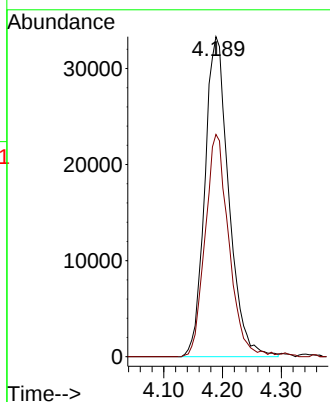
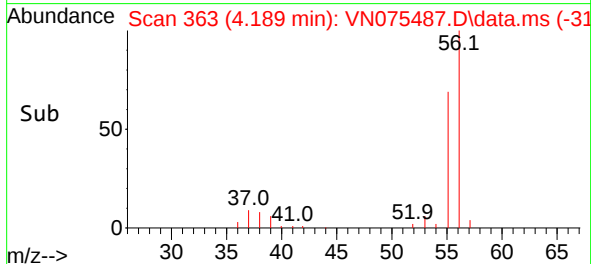
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



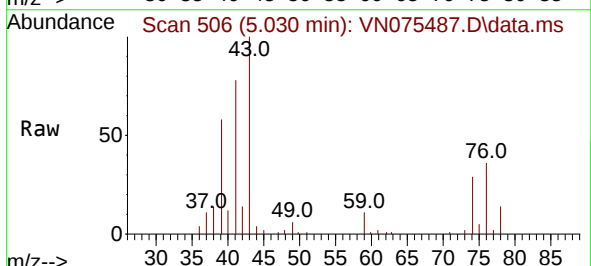
Tgt Ion: 56 Resp: 94364
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

Manual Integrations
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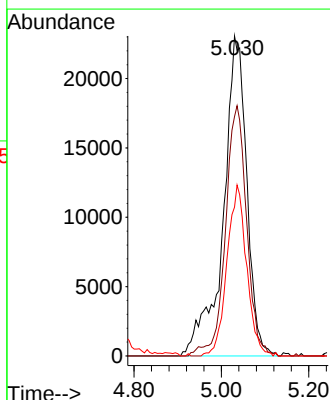
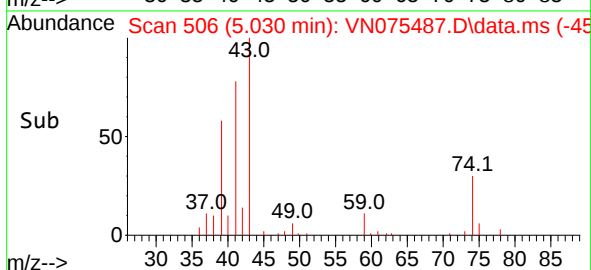
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

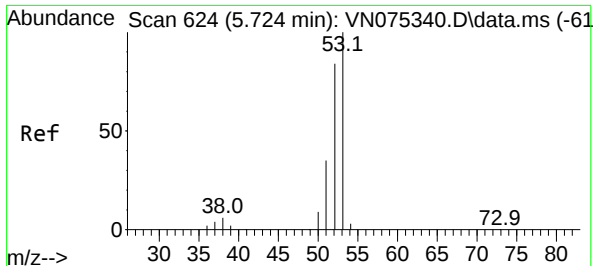


#14
Allyl chloride
Concen: 47.882 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



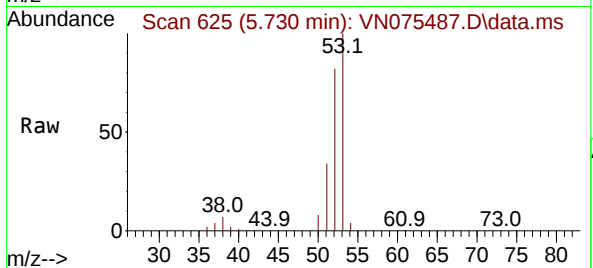
Tgt Ion: 41 Resp: 86667
Ion Ratio Lower Upper
41 100
39 70.1 61.0 91.4
76 44.5 33.4 50.0





#15
Acrylonitrile
Concen: 239.310 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

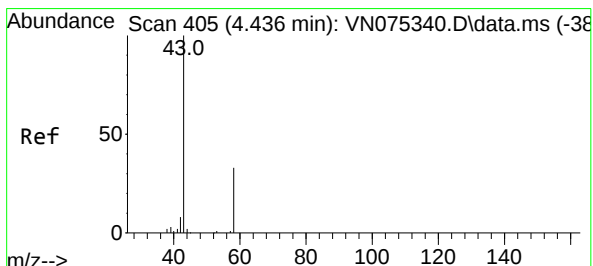
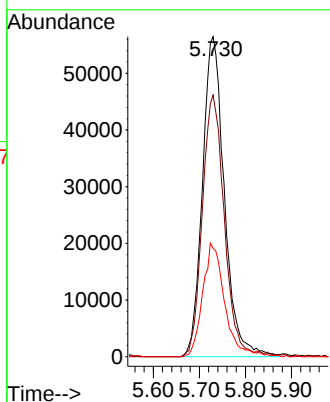
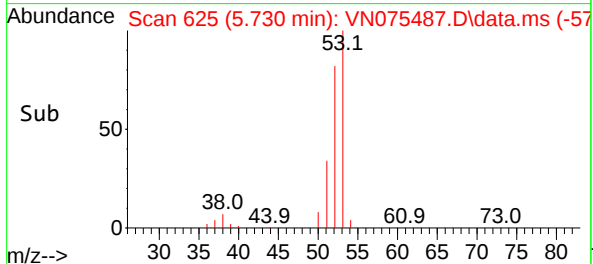
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 186940
Ion Ratio Lower Upper
53 100
52 81.3 66.4 99.6
51 35.5 29.6 44.4

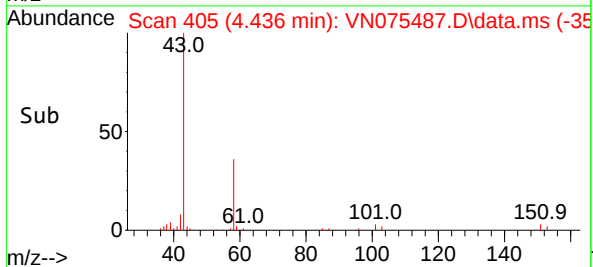
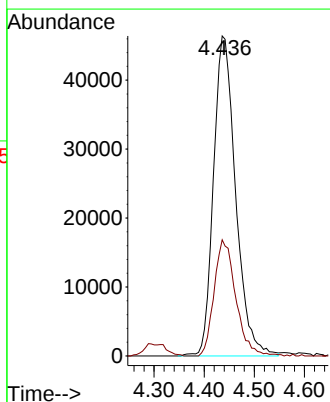
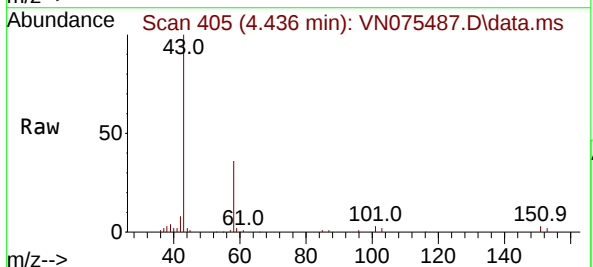
Manual Integrations
APPROVED

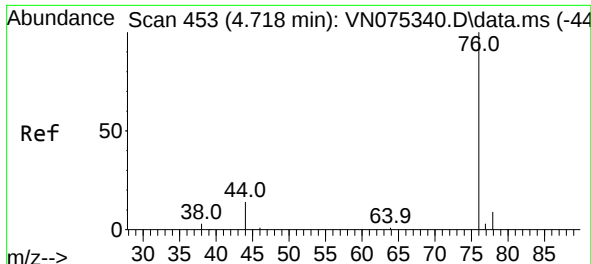
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#16
Acetone
Concen: 188.240 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

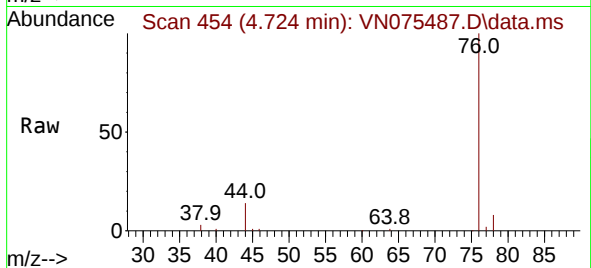
Tgt Ion: 43 Resp: 142416
Ion Ratio Lower Upper
43 100
58 35.9 25.5 38.3





#17
Carbon Disulfide
Concen: 39.529 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

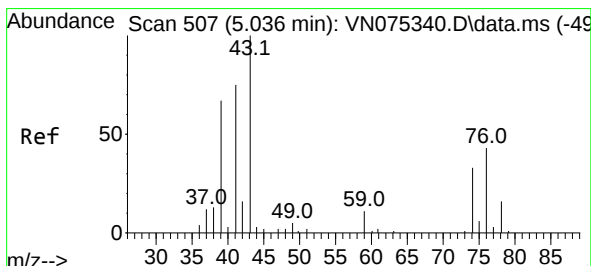
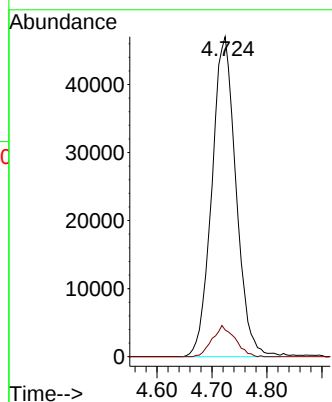
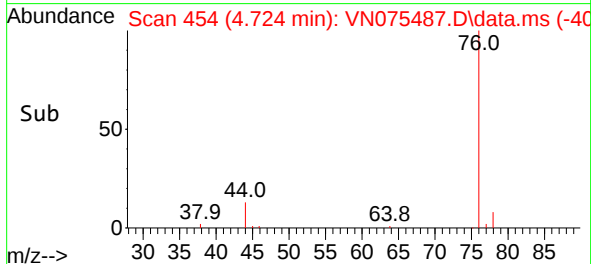
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 143749
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

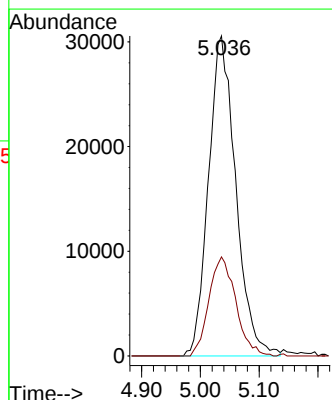
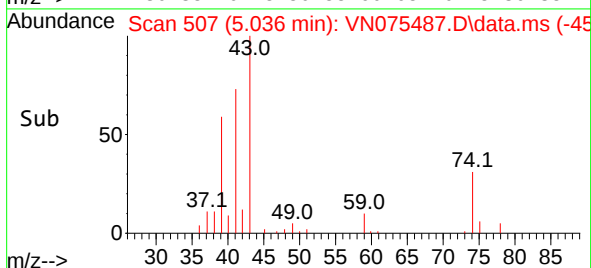
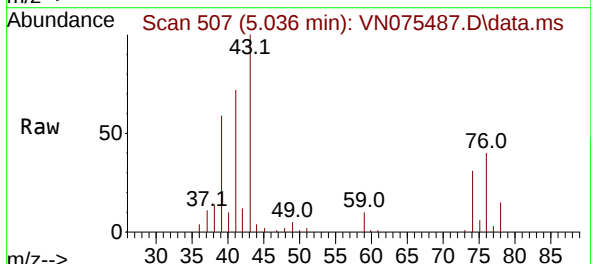
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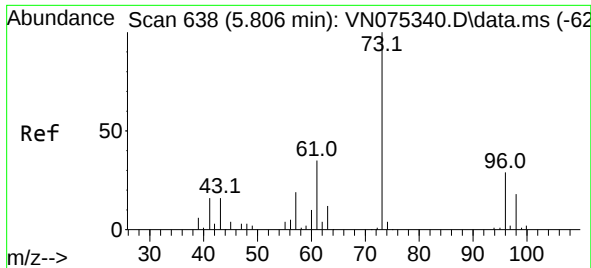
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#18
Methyl Acetate
Concen: 51.737 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

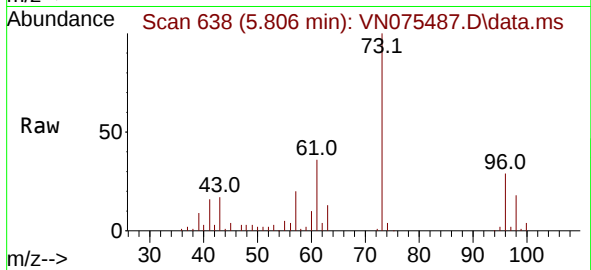
Tgt Ion: 43 Resp: 98592
Ion Ratio Lower Upper
43 100
74 30.5 22.0 33.0





#19
Methyl tert-butyl Ether
Concen: 46.718 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

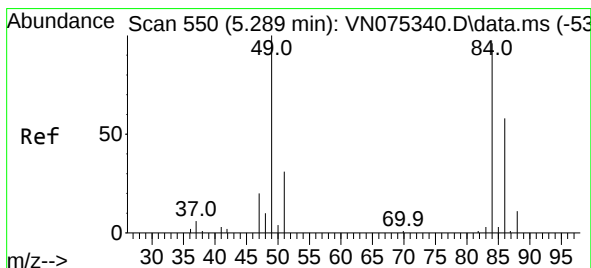
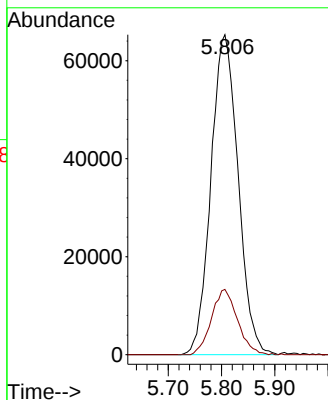
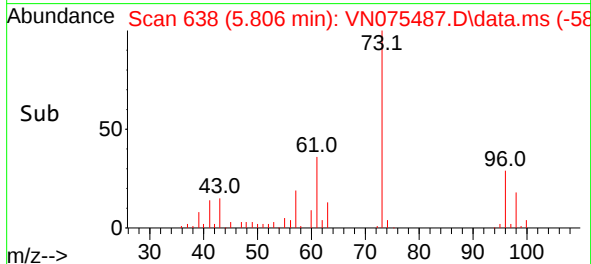
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 23158
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

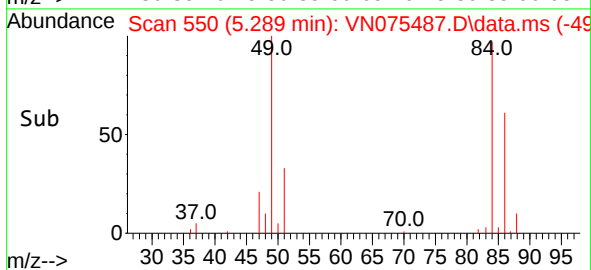
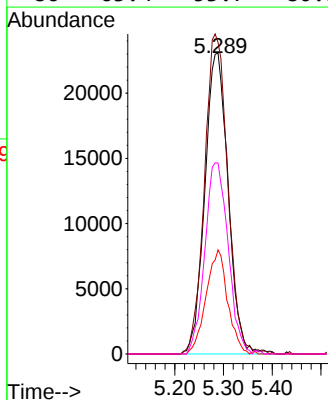
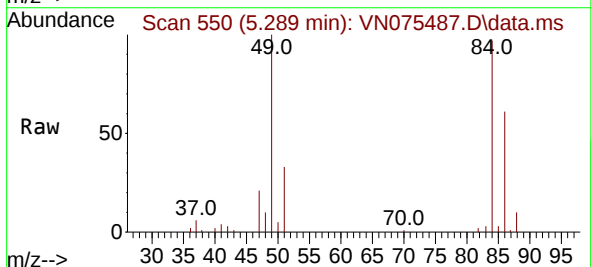
Manual Integrations
APPROVED

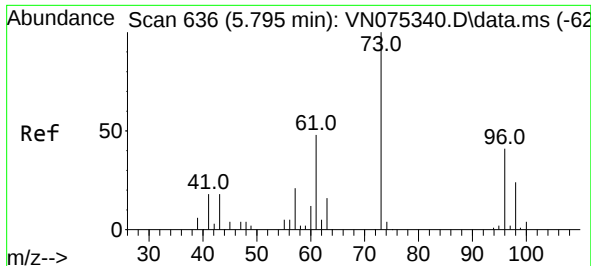
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#20
Methylene Chloride
Concen: 50.048 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

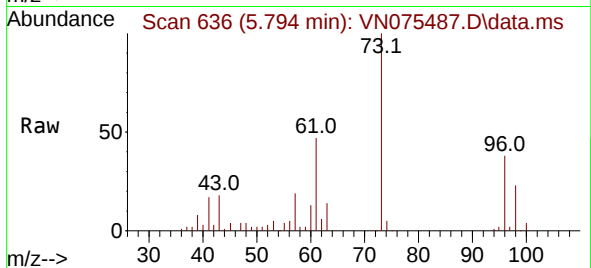
Tgt Ion: 84 Resp: 76781
Ion Ratio Lower Upper
84 100
49 103.5 94.9 142.3
51 34.6 26.8 40.2
86 63.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 43.613 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

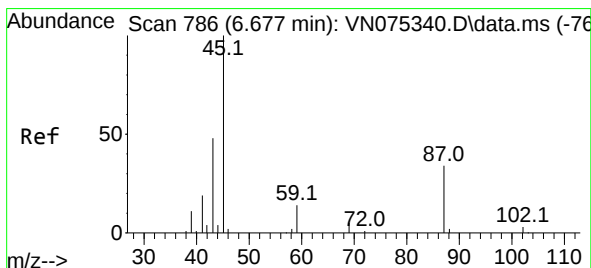
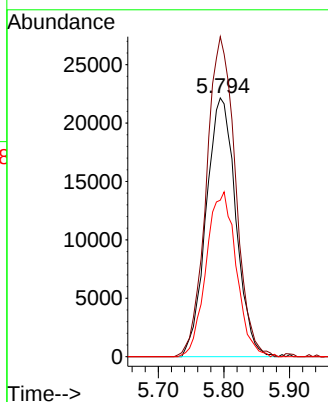
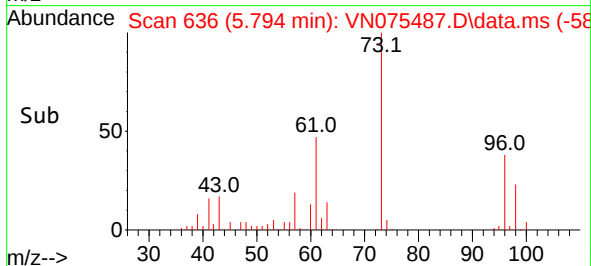
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6955
Ion Ratio Lower Upper
96 100
61 123.7 99.9 149.9
98 60.5 51.5 77.3

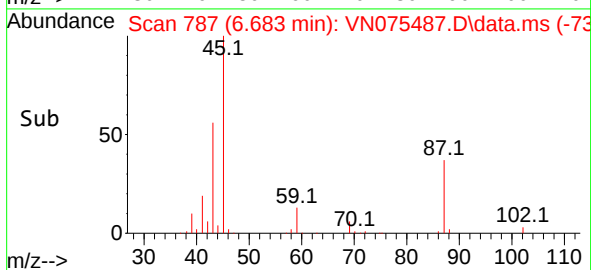
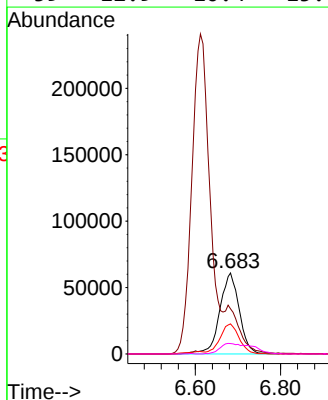
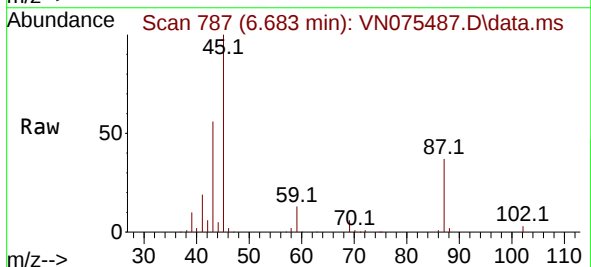
Manual Integrations
APPROVED

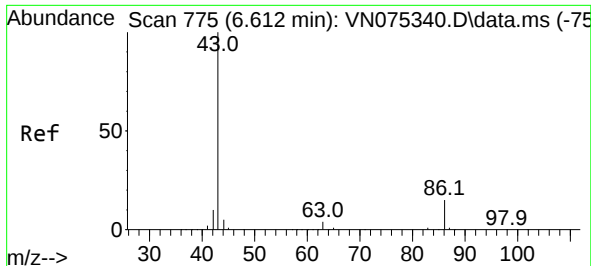
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#22
Diisopropyl ether
Concen: 46.998 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion: 45 Resp: 194125
Ion Ratio Lower Upper
45 100
43 54.5 42.8 64.2
87 37.1 28.4 42.6
59 12.9 10.4 15.6





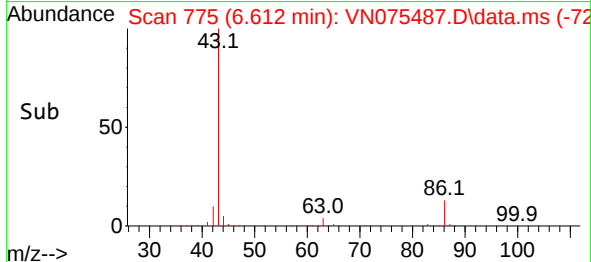
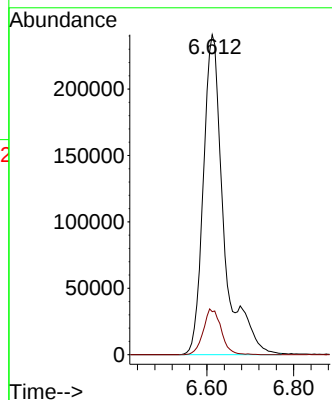
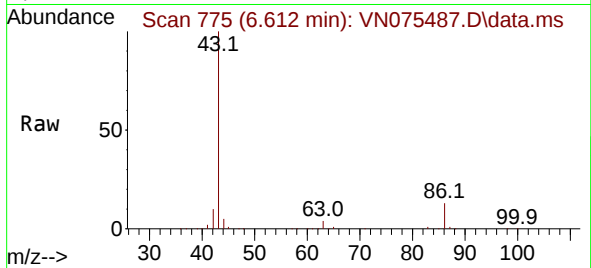
#23
 Vinyl Acetate
 Concen: 240.209 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 78934
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

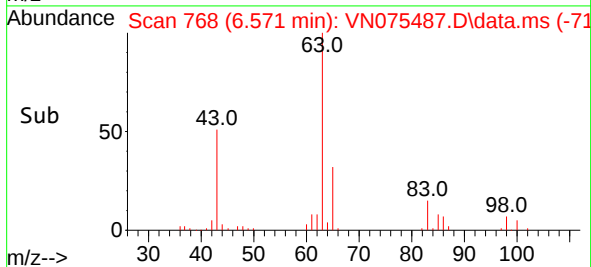
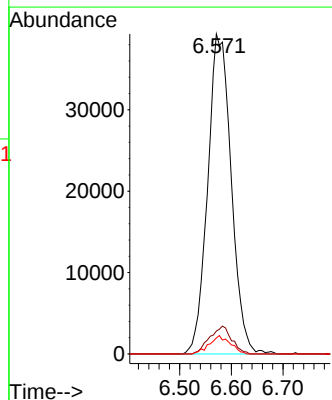
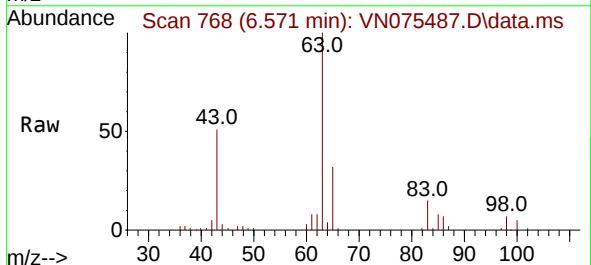
Manual Integrations
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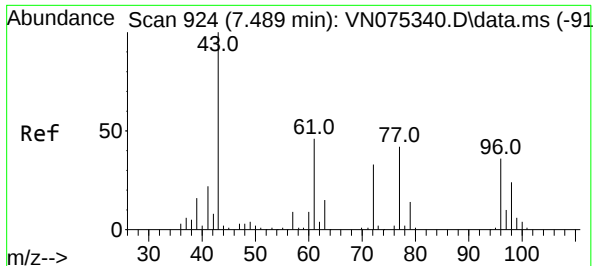
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#24
 1,1-Dichloroethane
 Concen: 46.919 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

Tgt Ion: 63 Resp: 124393
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 219.787 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 23215

Ion Ratio Lower Upper

43 100

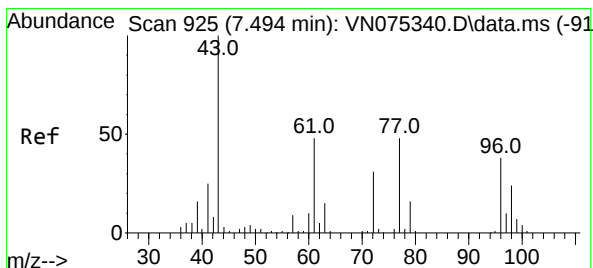
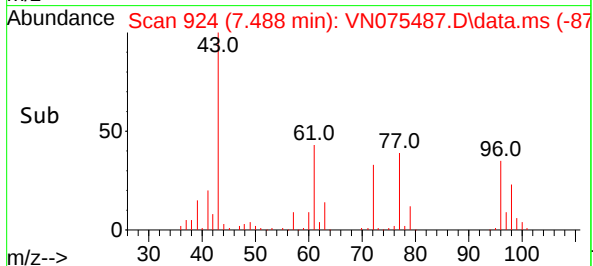
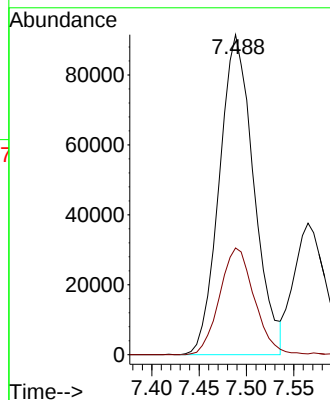
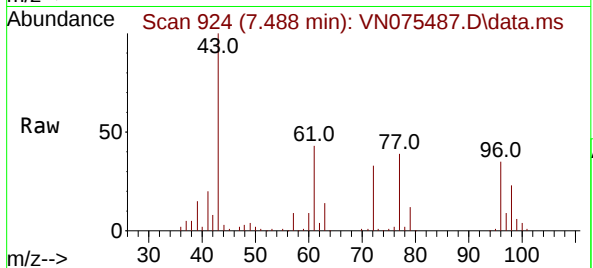
72 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#26

2,2-Dichloropropane

Concen: 44.191 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075487.D

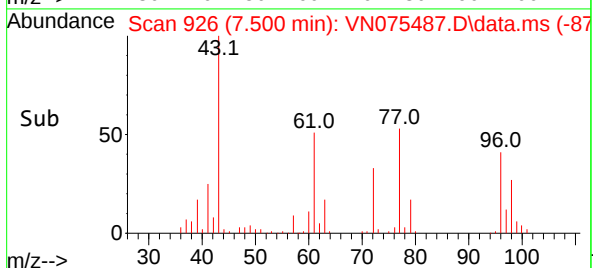
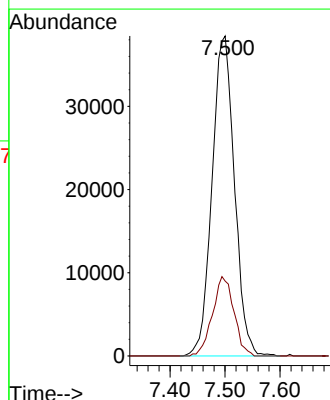
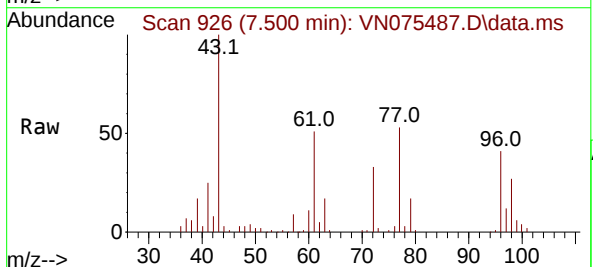
Acq: 29 Nov 2022 19:37

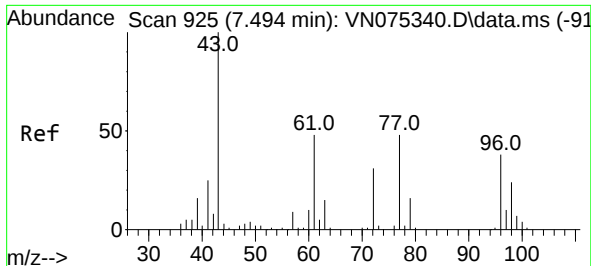
Tgt Ion: 77 Resp: 108888

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.6





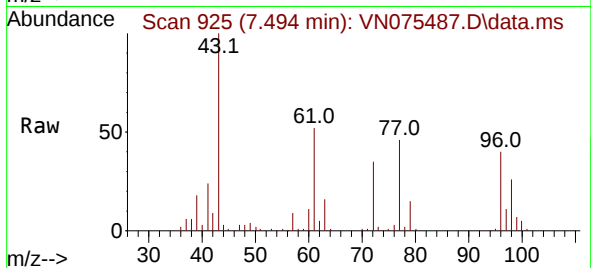
#27
 cis-1,2-Dichloroethene
 Concen: 48.748 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

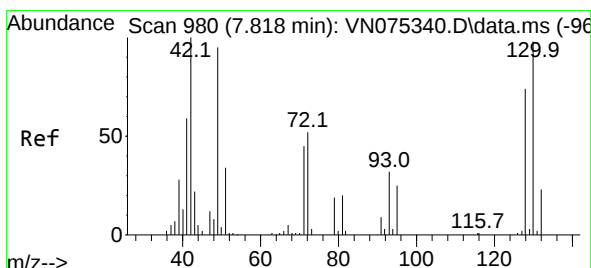
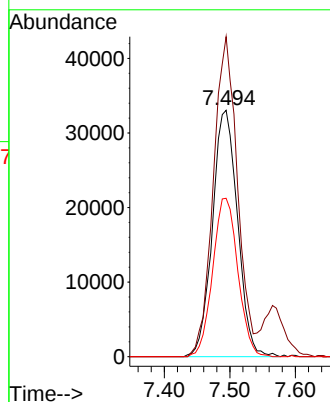
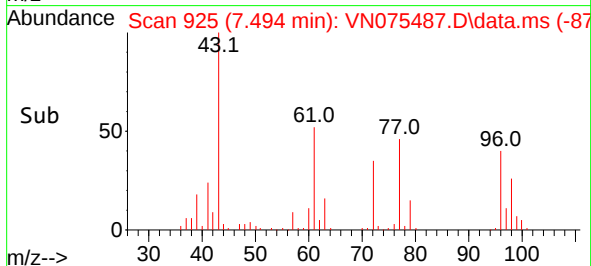


Tgt Ion: 96 Resp: 8790
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 278.8
 98 64.4 0.0 128.4

Manual Integrations

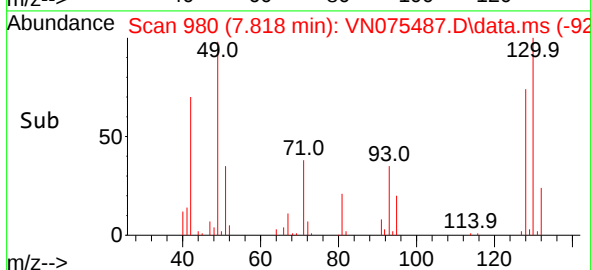
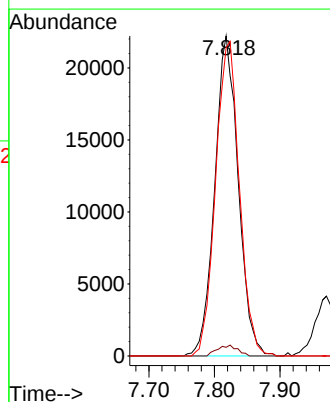
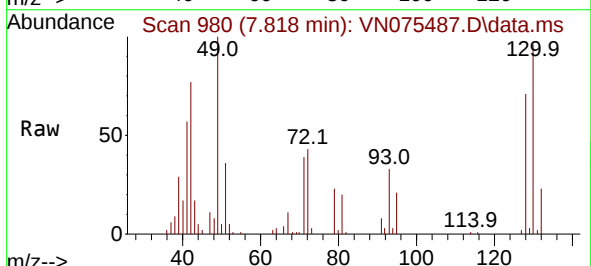
APPROVED

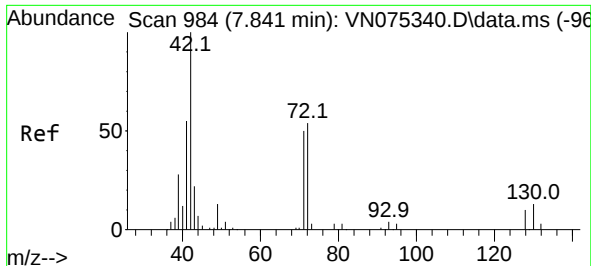
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#28
 Bromochloromethane
 Concen: 51.381 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

Tgt Ion: 49 Resp: 55295
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.6
 130 99.2 66.2 99.4





#29

Tetrahydrofuran

Concen: 232.237 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075487.D

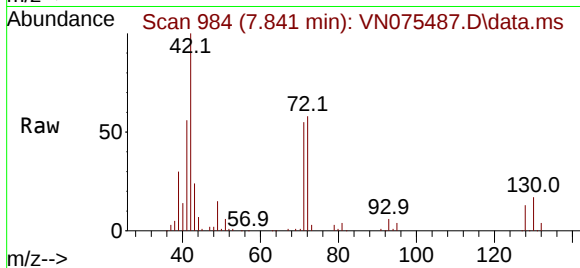
Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



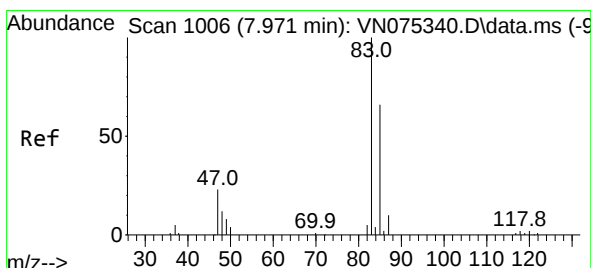
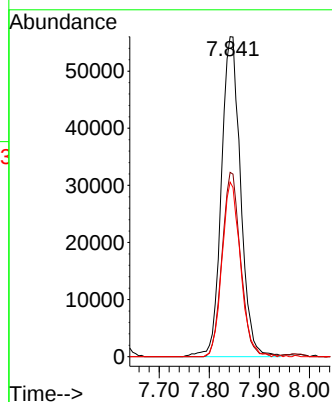
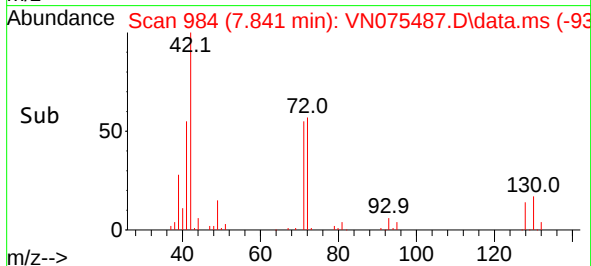
Tgt Ion:	42	Resp:	149210
Ion Ratio	100	Lower	Upper
42	100		
72	55.5	43.0	64.6
71	52.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#30

Chloroform

Concen: 47.629 ug/l

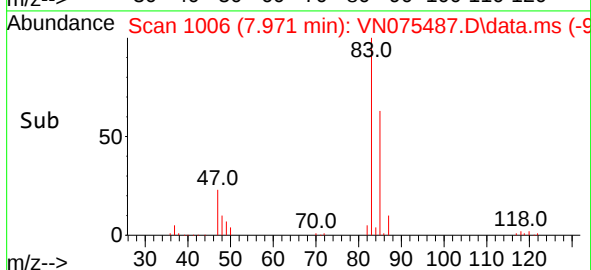
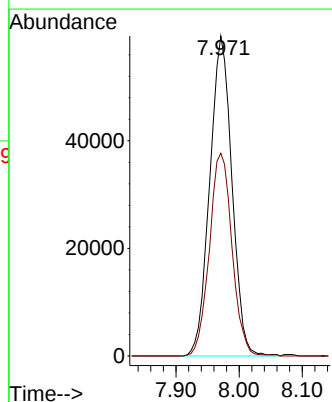
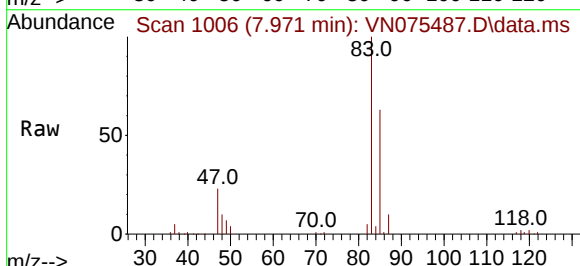
RT: 7.971 min Scan# 1006

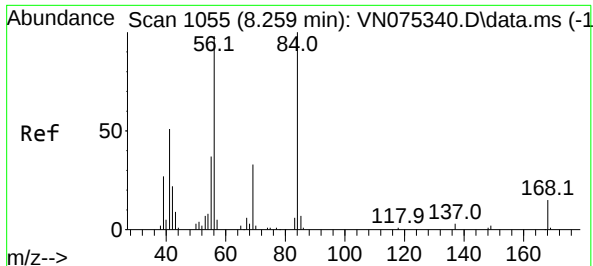
Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

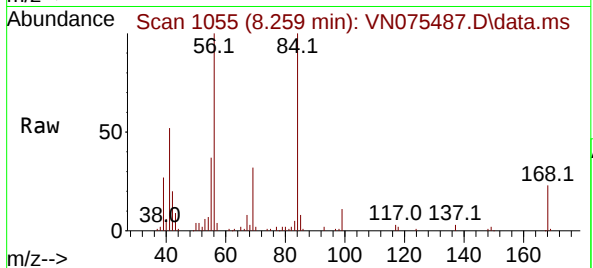
Tgt Ion:	83	Resp:	145011
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	51.4	77.0





#31
Cyclohexane
Concen: 42.301 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

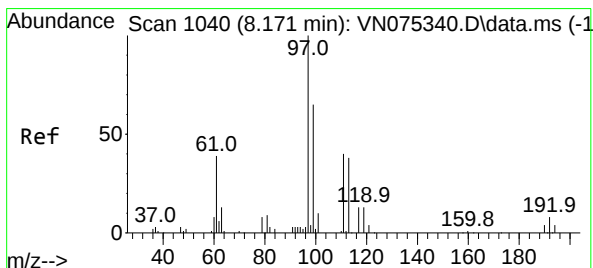
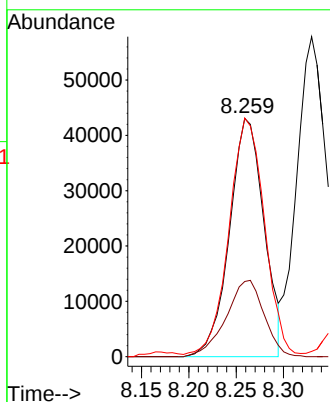
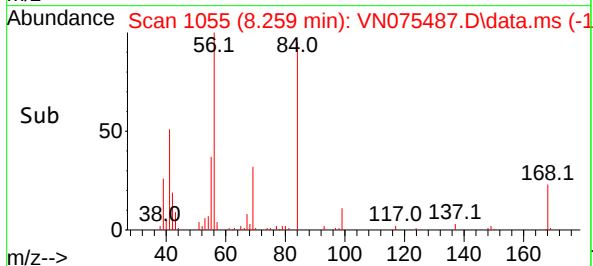
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10901
Ion Ratio Lower Upper
56 100
69 31.6 25.2 37.8
84 98.9 77.8 116.8

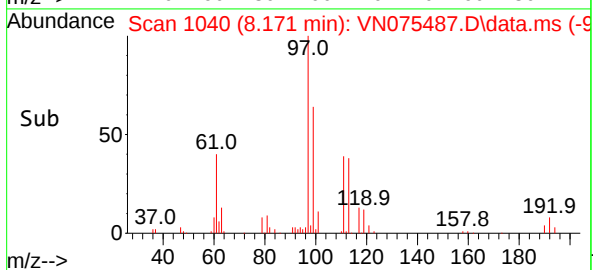
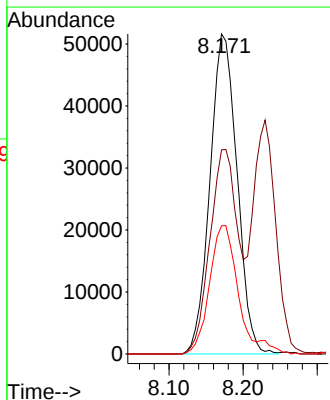
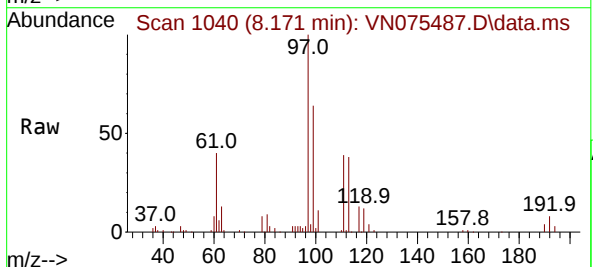
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#32
1,1,1-Trichloroethane
Concen: 47.387 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion: 97 Resp: 131000
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.2
61 42.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 45.353 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 36780

Ion Ratio Lower Upper

65 100

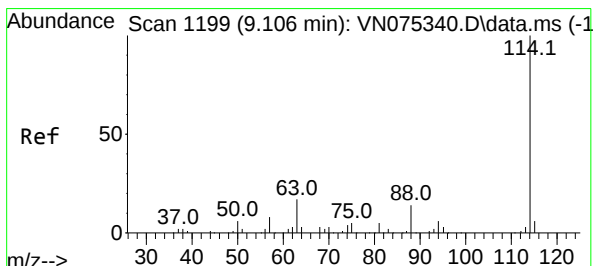
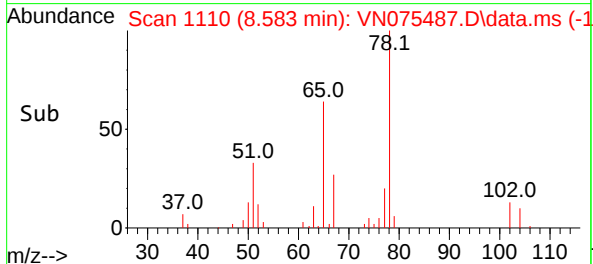
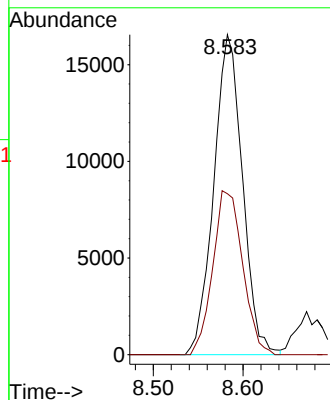
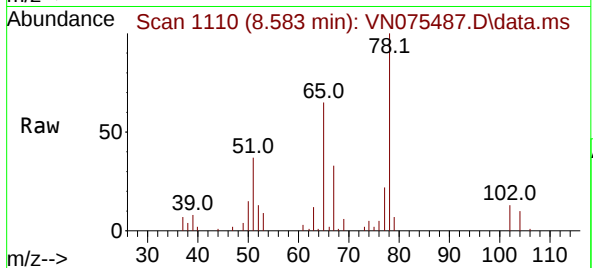
67 53.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

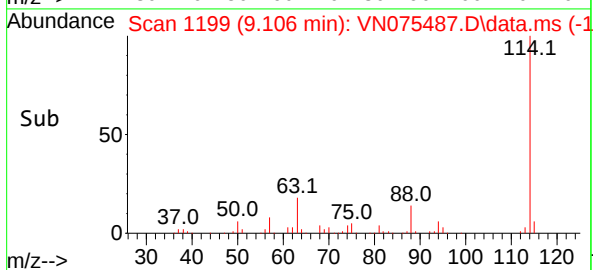
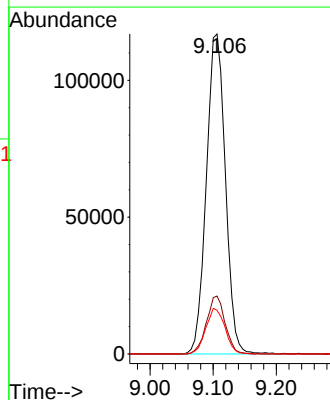
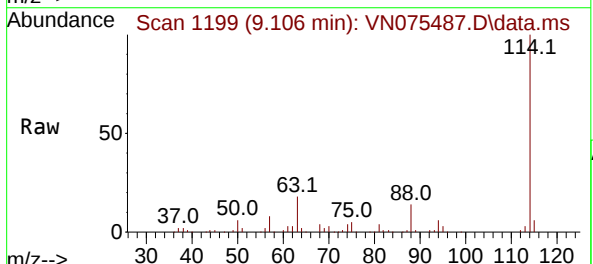
Tgt Ion:114 Resp: 245183

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.525 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 4673

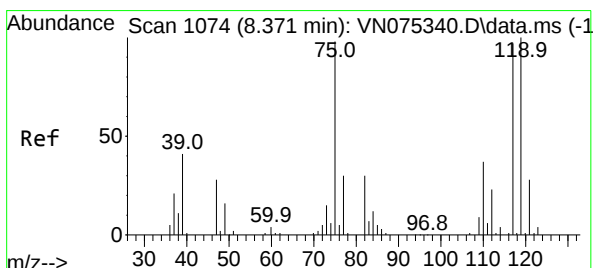
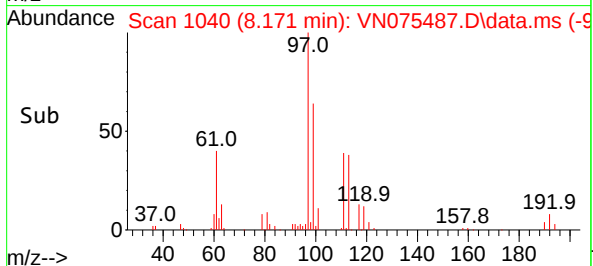
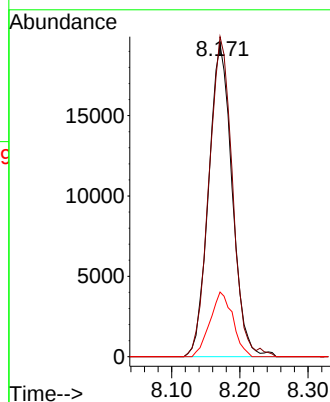
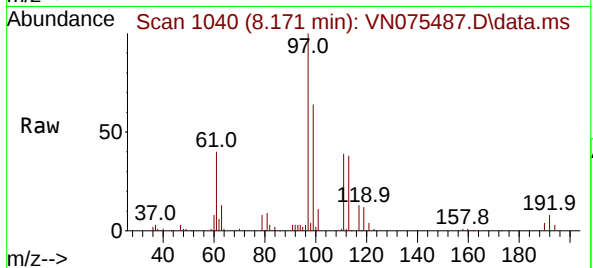
Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.5	120.7
192	20.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#36

1,1-Dichloropropene

Concen: 47.266 ug/l

RT: 8.377 min Scan# 1075

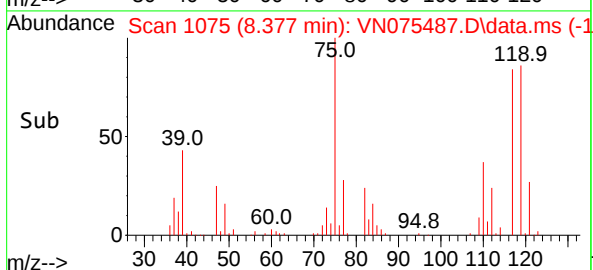
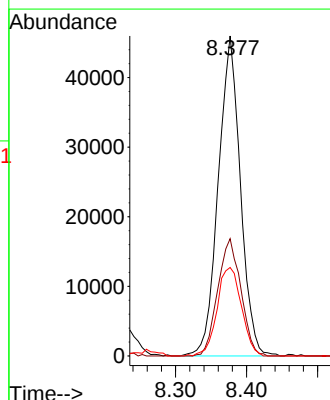
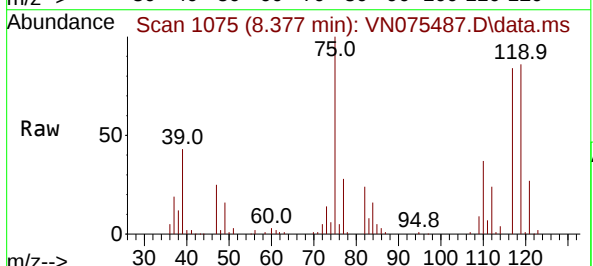
Delta R.T. 0.006 min

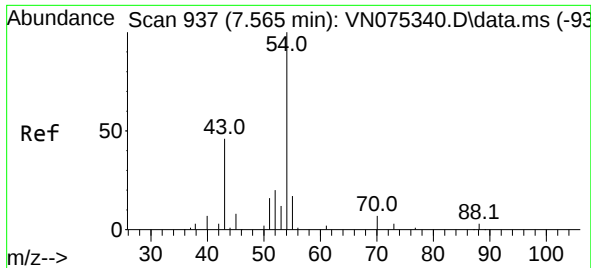
Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Tgt Ion: 75 Resp: 99278

Ion	Ratio	Lower	Upper
75	100		
110	38.3	17.8	53.3
77	30.4	24.6	37.0





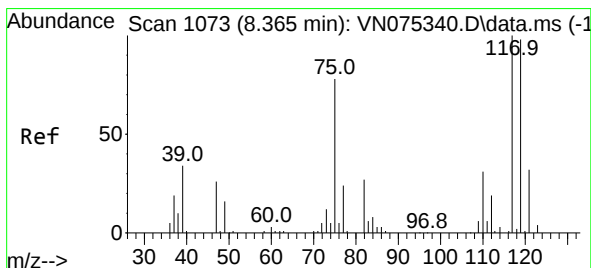
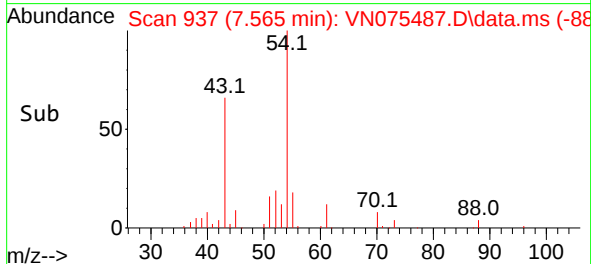
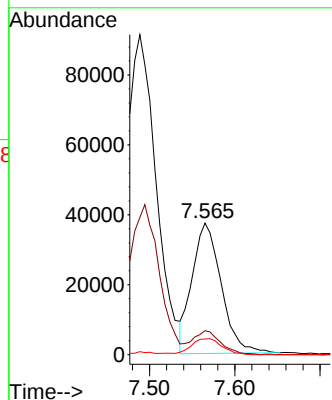
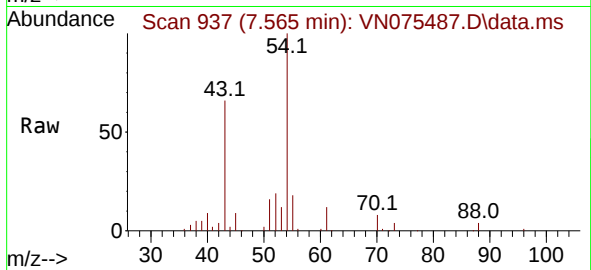
#37
Ethyl Acetate
Concen: 46.748 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 8841
Ion Ratio Lower Upper
43 100
61 17.1 12.2 18.4
70 12.9 9.4 14.2

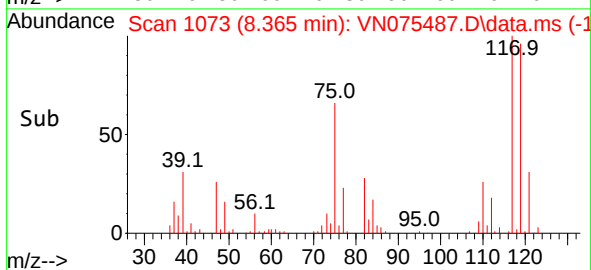
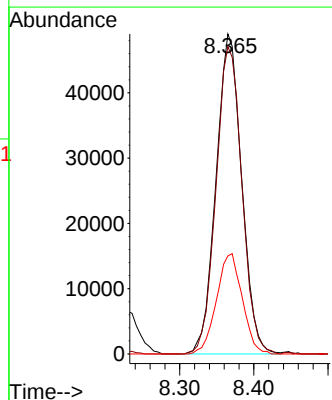
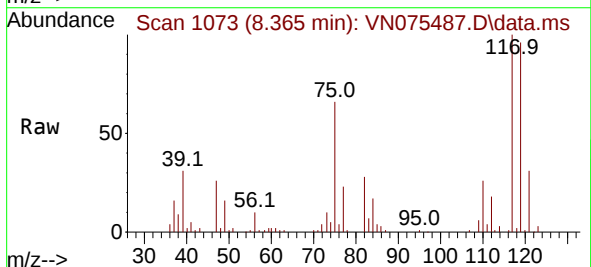
Manual Integrations
APPROVED

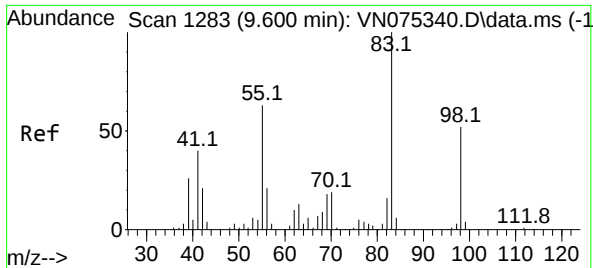
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#38
Carbon Tetrachloride
Concen: 51.016 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

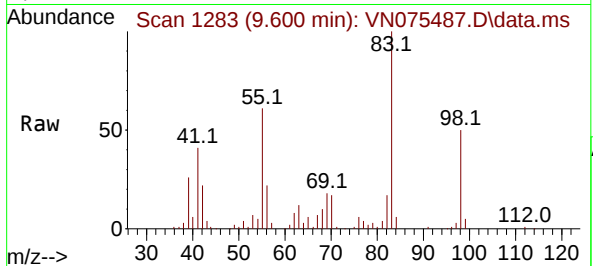
Tgt Ion:117 Resp: 117712
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1
121 30.7 23.9 35.9





#39
Methylcyclohexane
Concen: 48.626 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

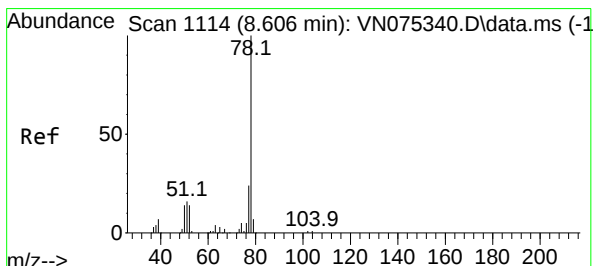
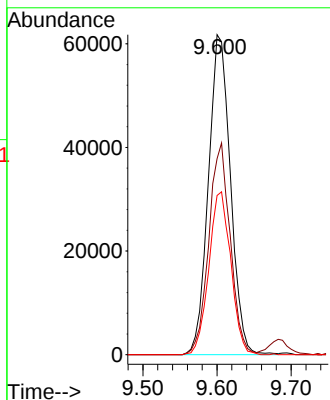
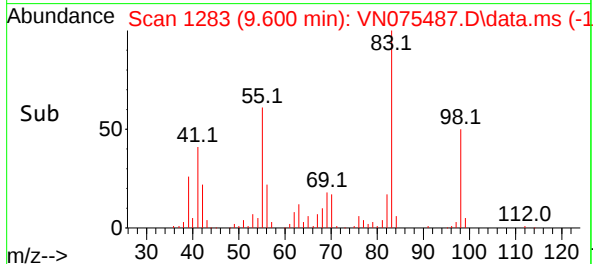
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



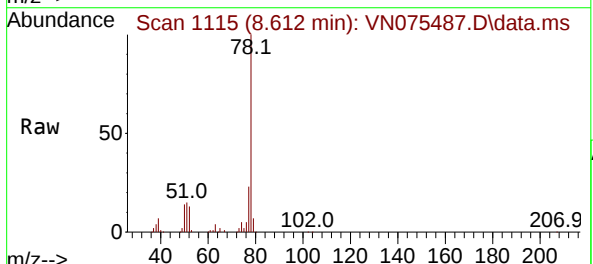
Tgt Ion: 83 Resp: 127828
Ion Ratio Lower Upper
83 100
55 61.3 53.6 80.4
98 49.8 41.1 61.7

Manual Integrations
APPROVED

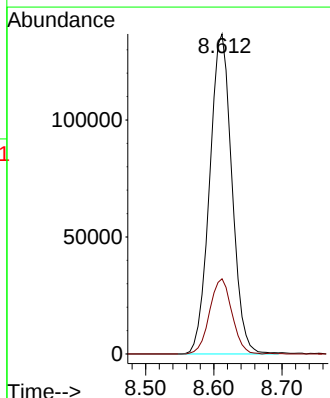
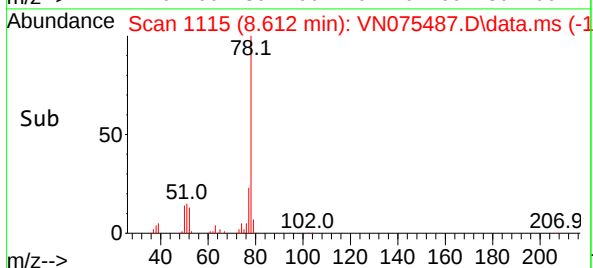
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#40
Benzene
Concen: 48.316 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



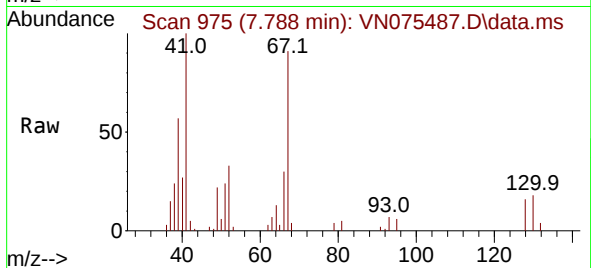
Tgt Ion: 78 Resp: 310713
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 47.913 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

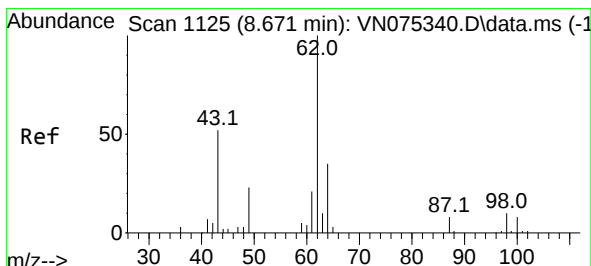
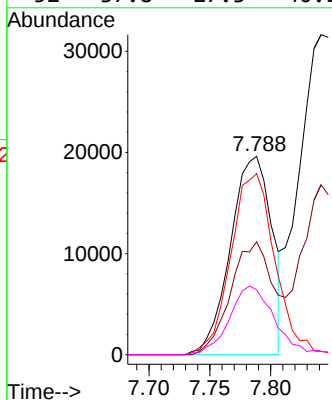
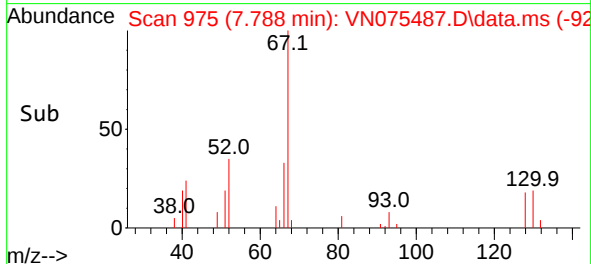
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



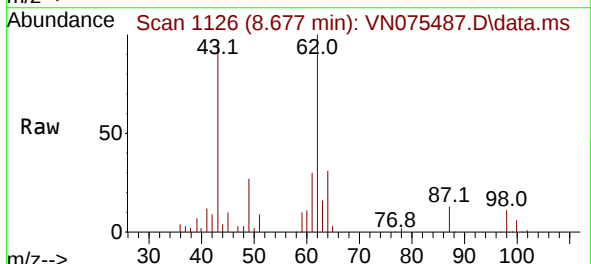
Tgt Ion: 41 Resp: 46328
Ion Ratio Lower Upper
41 100
39 60.7 44.4 66.6
67 97.3 69.8 104.6
52 37.8 27.3 40.9

Manual Integrations
APPROVED

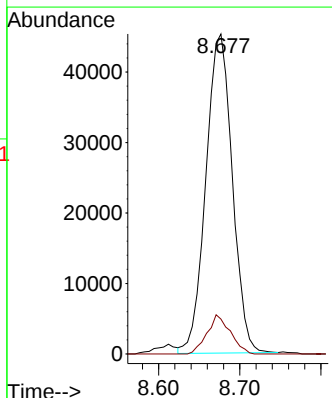
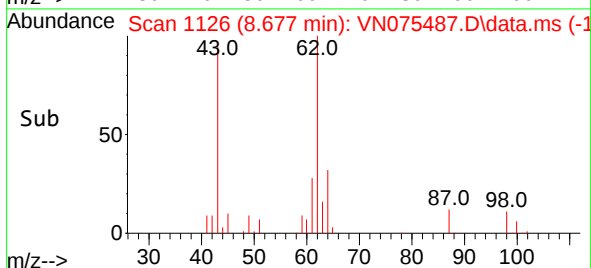
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

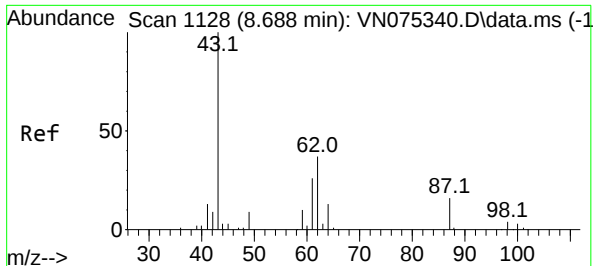


#42
1,2-Dichloroethane
Concen: 47.618 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



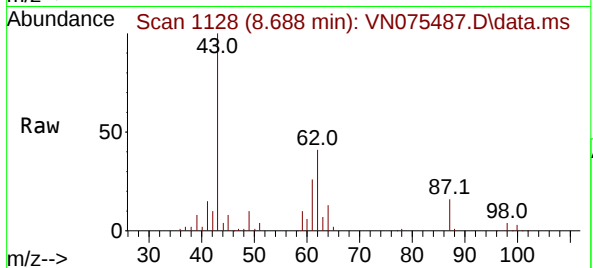
Tgt Ion: 62 Resp: 102558
Ion Ratio Lower Upper
62 100
98 10.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 58.166 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

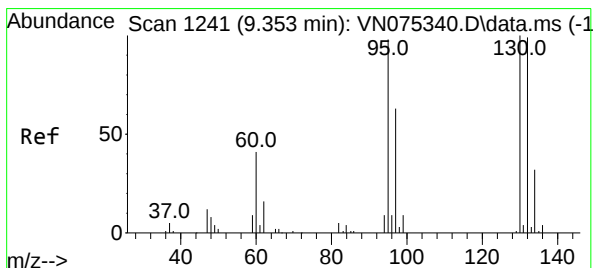
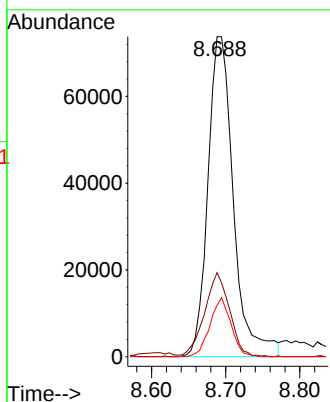
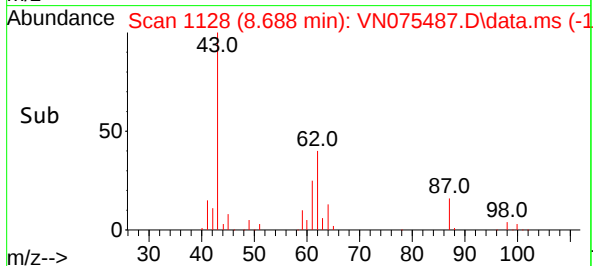
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



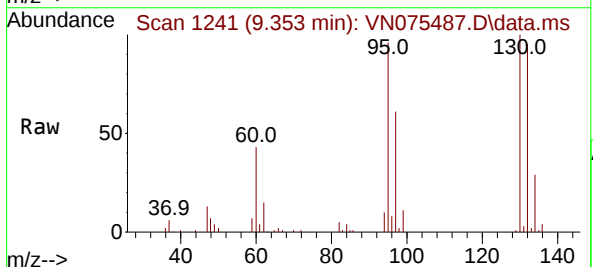
Tgt Ion: 43 Resp: 17657
Ion Ratio Lower Upper
43 100
61 25.6 22.4 33.6
87 15.2 12.5 18.7

Manual Integrations
APPROVED

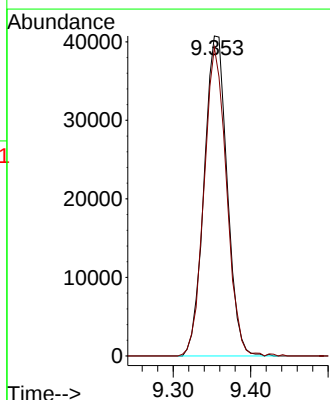
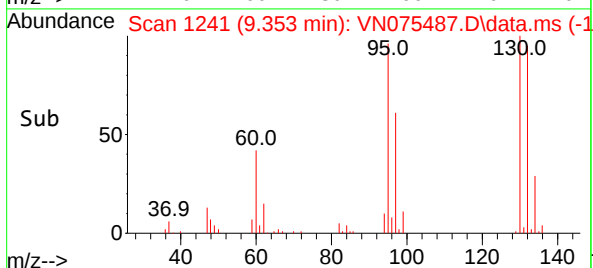
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#44
Trichloroethene
Concen: 47.677 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



Tgt Ion:130 Resp: 83895
Ion Ratio Lower Upper
130 100
95 96.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.328 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7406

Ion Ratio Lower Upper

63 100

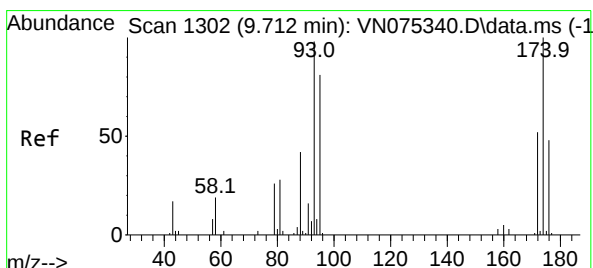
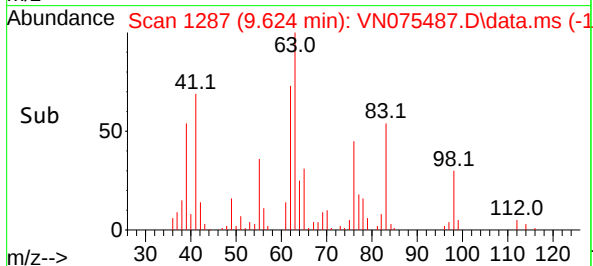
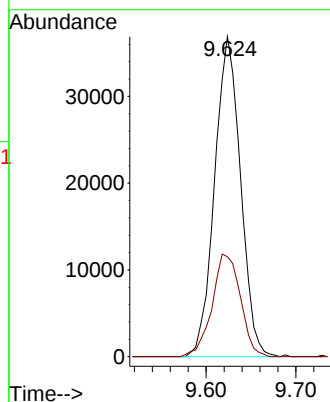
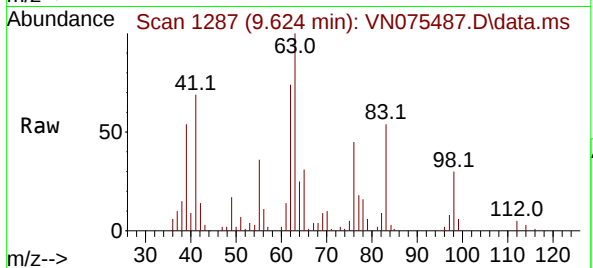
65 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#46

Dibromomethane

Concen: 49.842 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

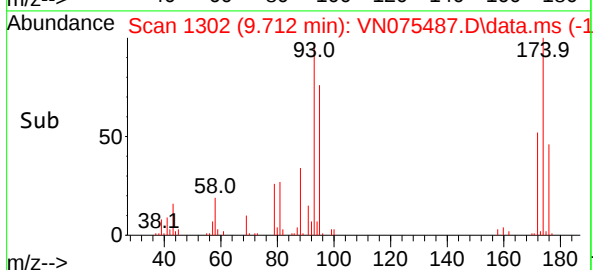
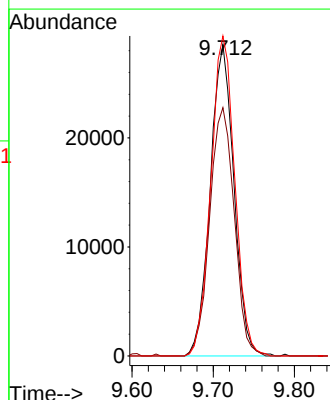
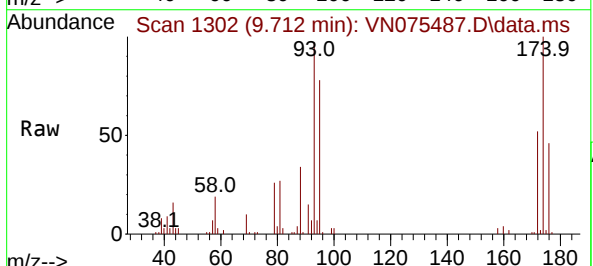
Tgt Ion: 93 Resp: 57775

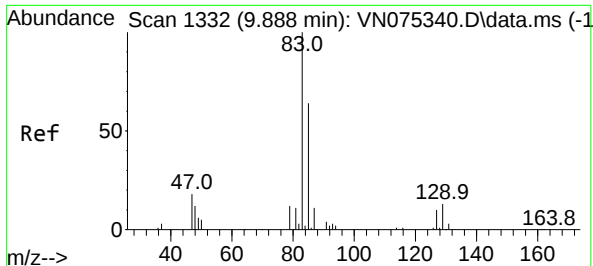
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 104.2 70.3 105.5





#47

Bromodichloromethane

Concen: 49.839 ug/l

RT: 9.888 min Scan# 11187

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11187

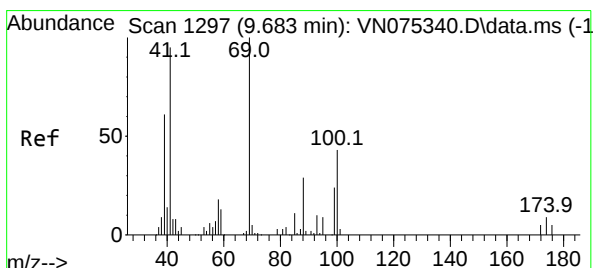
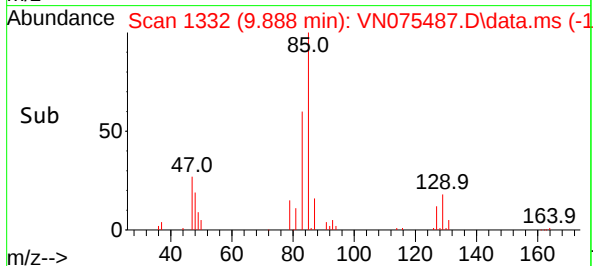
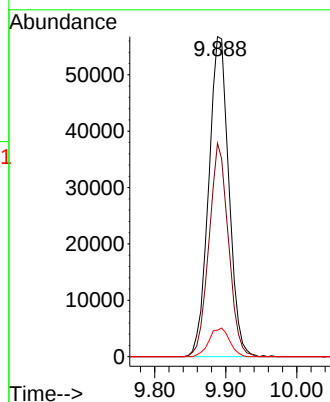
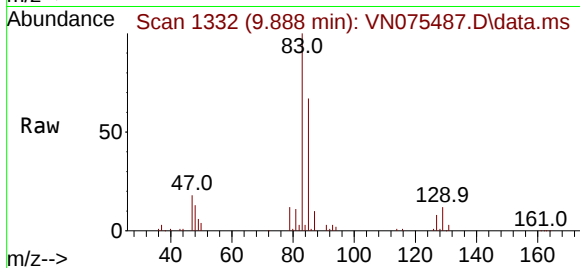
Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.1	78.1
127	8.3	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#48

Methyl methacrylate

Concen: 49.741 ug/l

RT: 9.682 min Scan# 1297

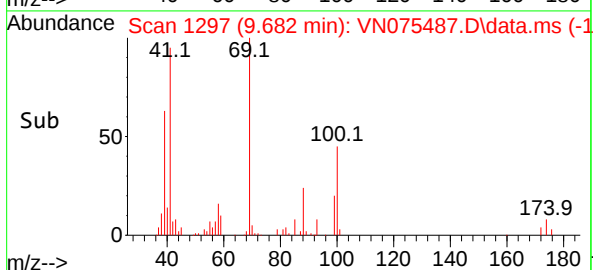
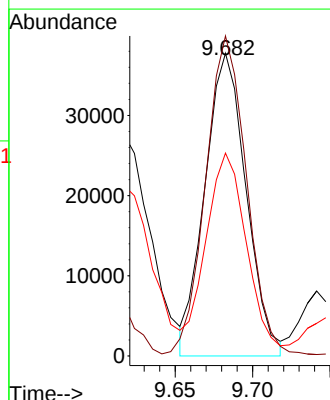
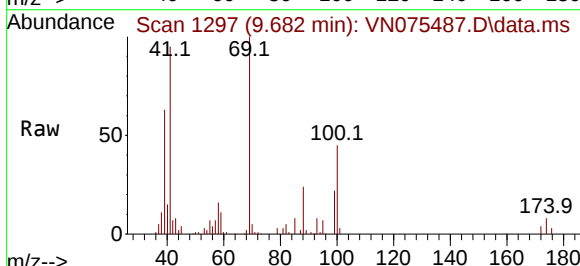
Delta R.T. -0.001 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Tgt Ion: 41 Resp: 69822

Ion	Ratio	Lower	Upper
41	100		
69	104.2	80.2	120.2
39	66.9	56.2	84.2





#49

1,4-Dioxane

Concen: 938.930 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3742

Ion Ratio Lower Upper

88 100

43 22.7 17.5 26.3

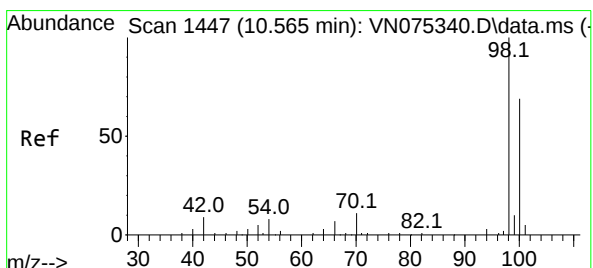
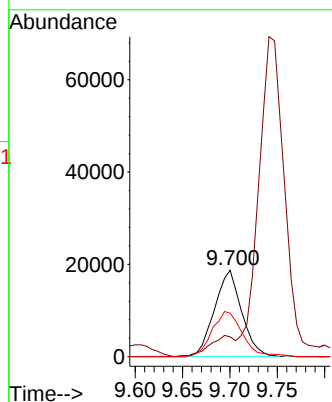
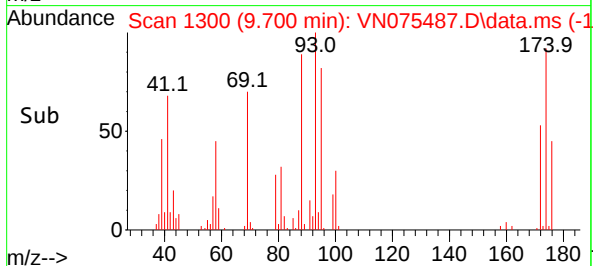
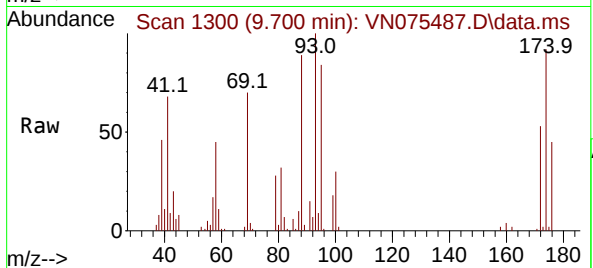
58 58.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#50

Toluene-d8

Concen: 47.123 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075487.D

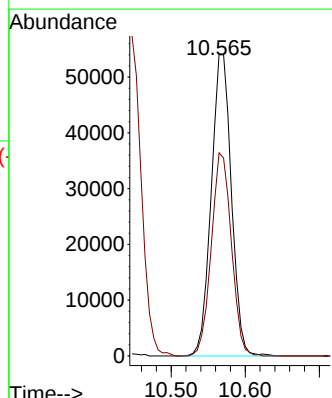
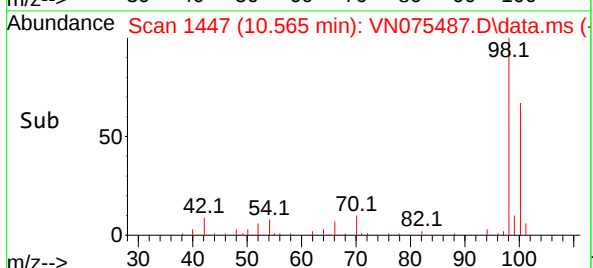
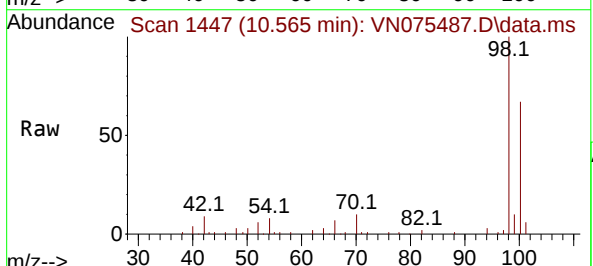
Acq: 29 Nov 2022 19:37

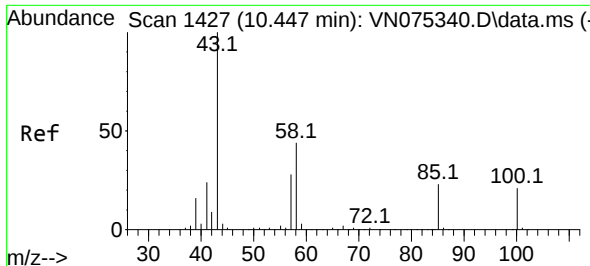
Tgt Ion: 98 Resp: 102225

Ion Ratio Lower Upper

98 100

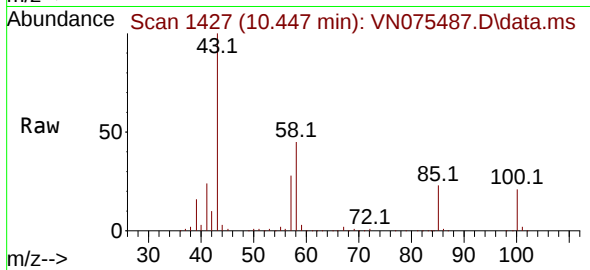
100 67.0 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 251.099 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

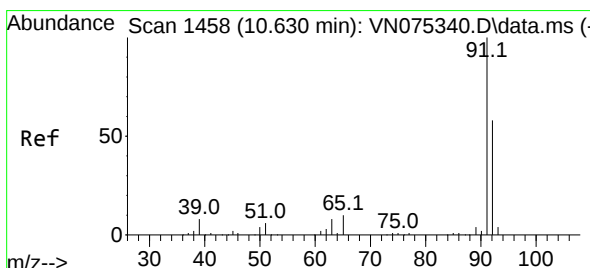
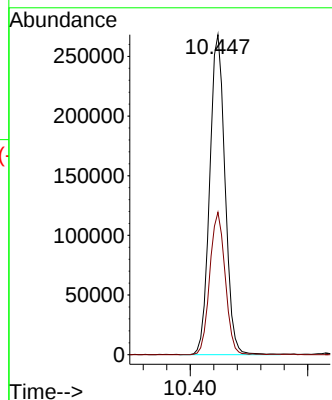
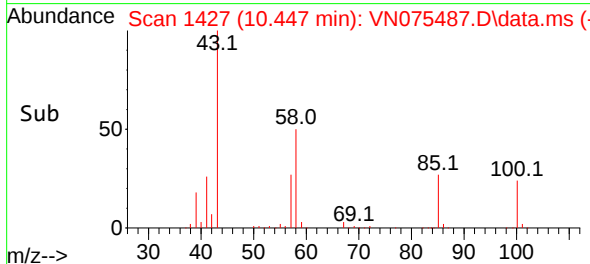
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 485508
Ion Ratio Lower Upper
43 100
58 44.7 33.6 50.4

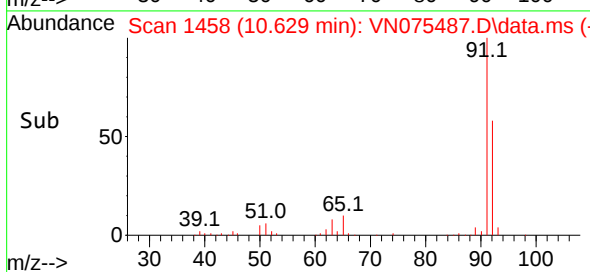
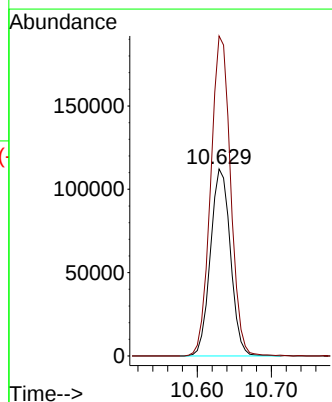
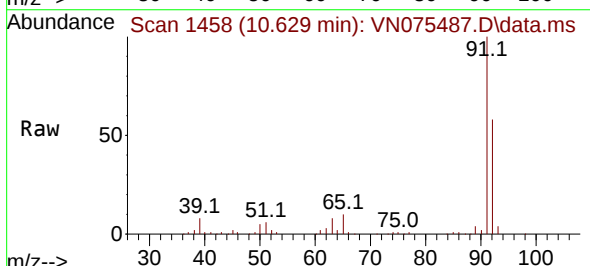
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#52
Toluene
Concen: 50.658 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

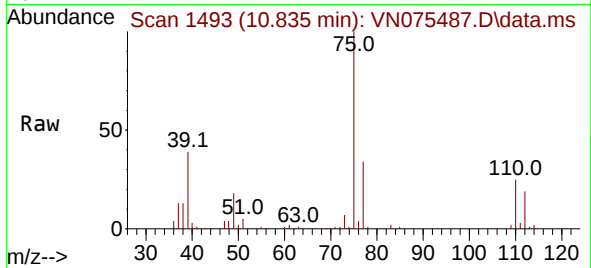
Tgt Ion: 92 Resp: 209933
Ion Ratio Lower Upper
92 100
91 170.9 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 51.808 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

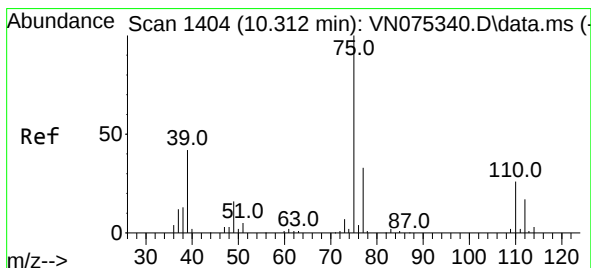
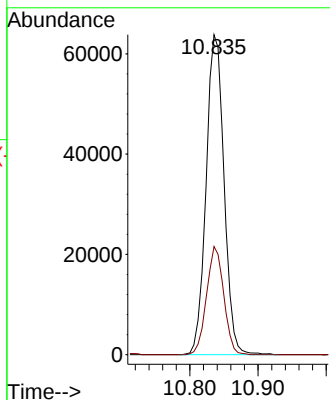
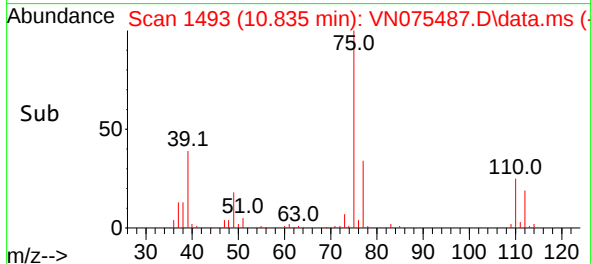
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



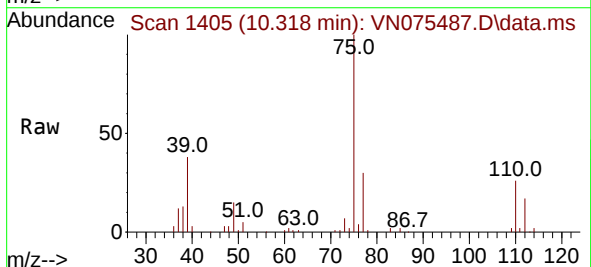
Tgt Ion: 75 Resp: 11675
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.2

Manual Integrations
APPROVED

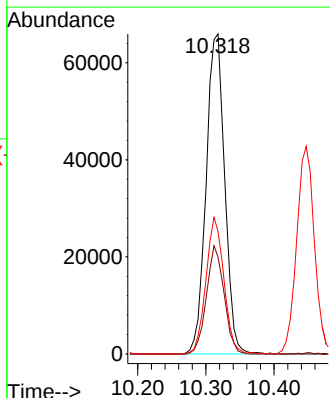
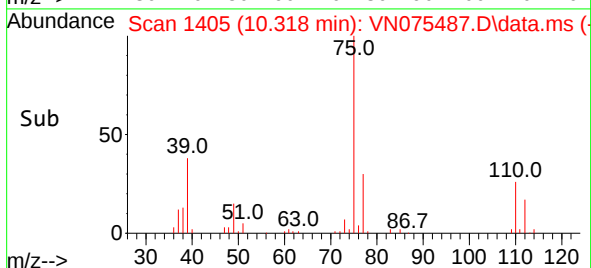
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

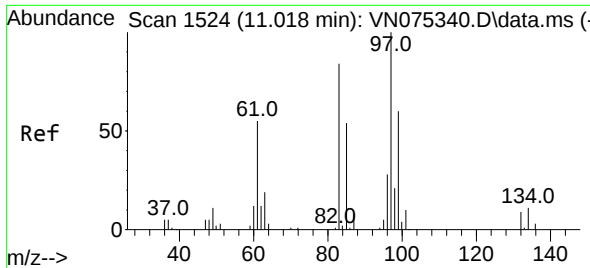


#54
cis-1,3-Dichloropropene
Concen: 51.194 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



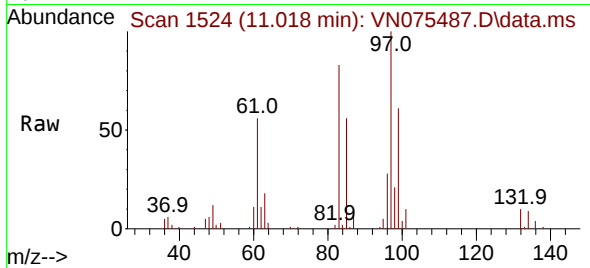
Tgt Ion: 75 Resp: 125303
Ion Ratio Lower Upper
75 100
77 30.2 23.7 35.5
39 38.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 49.650 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

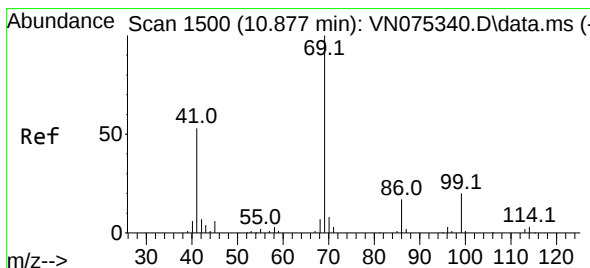
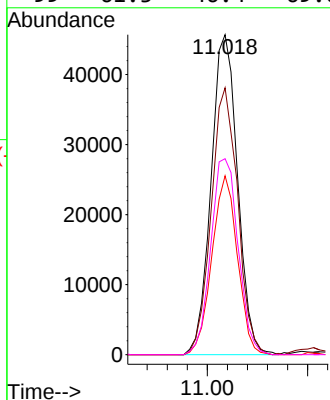
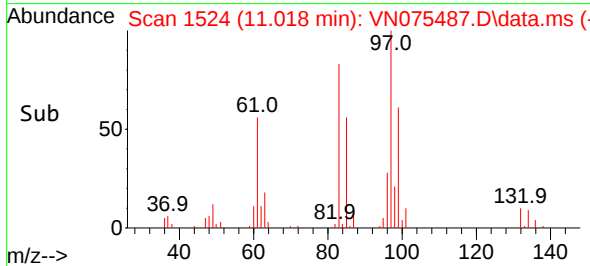
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 8380
Ion Ratio Lower Upper
97 100
83 83.4 65.9 98.9
85 55.9 40.4 60.6
99 61.3 46.4 69.6

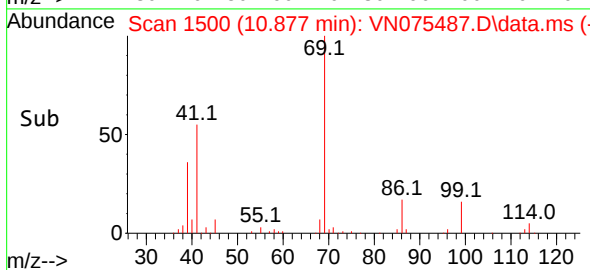
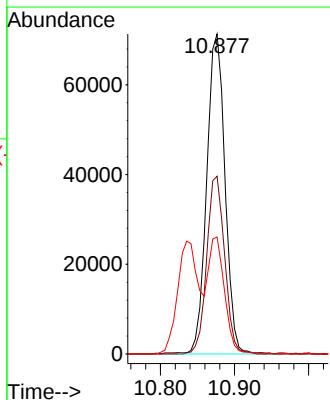
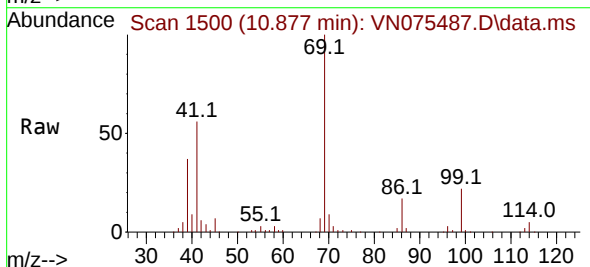
Manual Integrations
APPROVED

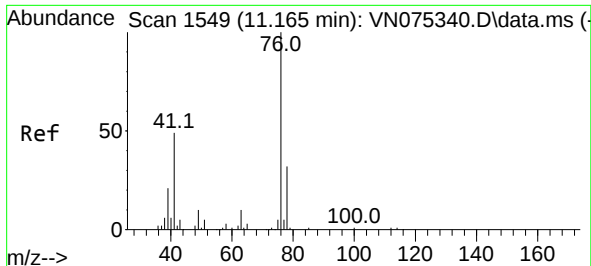
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#56
Ethyl methacrylate
Concen: 53.639 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion: 69 Resp: 122266
Ion Ratio Lower Upper
69 100
41 54.9 45.6 68.4
39 32.1 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.298 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 135670

Ion Ratio Lower Upper

76 100

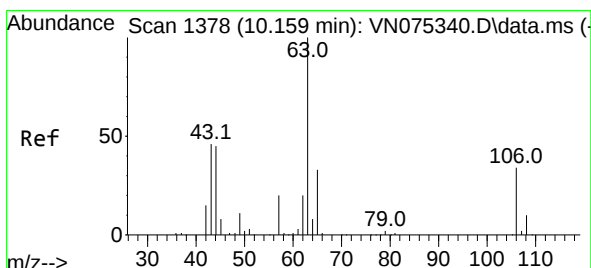
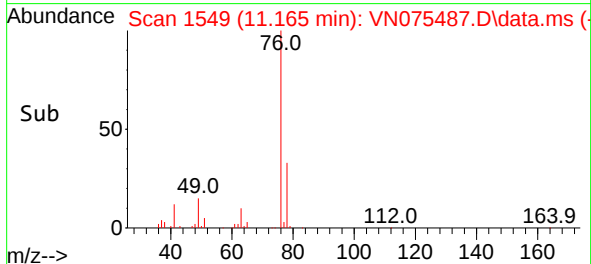
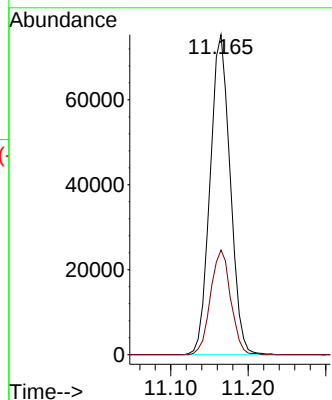
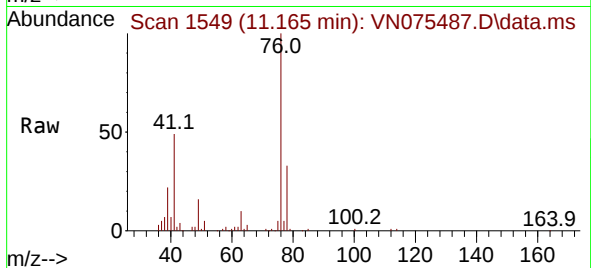
78 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 266.528 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075487.D

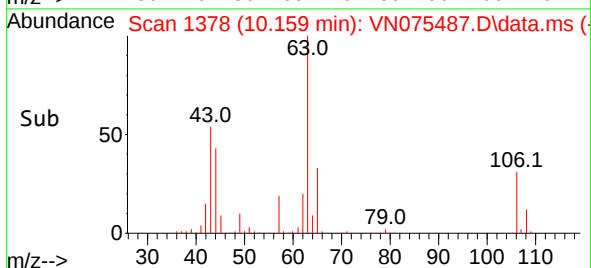
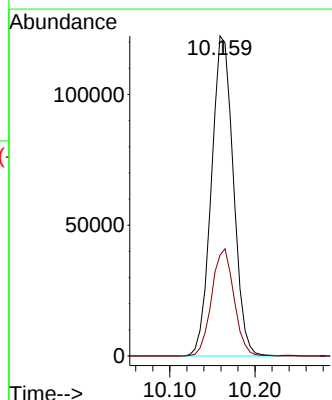
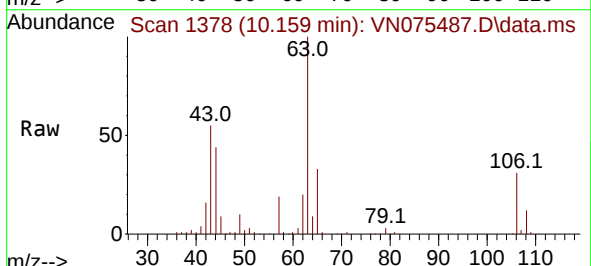
Acq: 29 Nov 2022 19:37

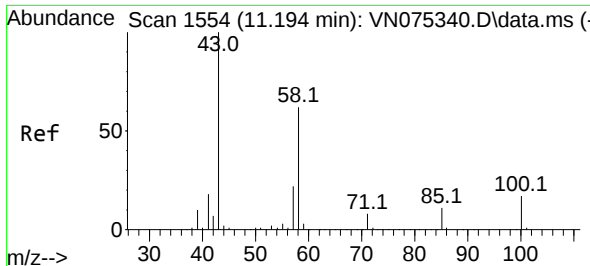
Tgt Ion: 63 Resp: 219110

Ion Ratio Lower Upper

63 100

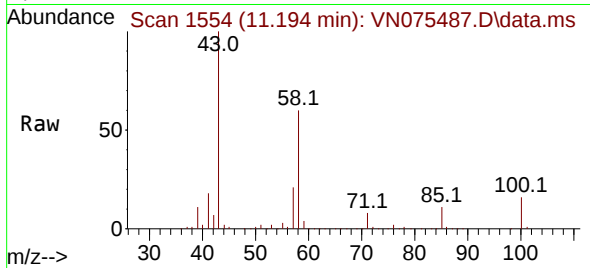
106 33.9 24.8 37.2





#59
2-Hexanone
Concen: 248.267 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

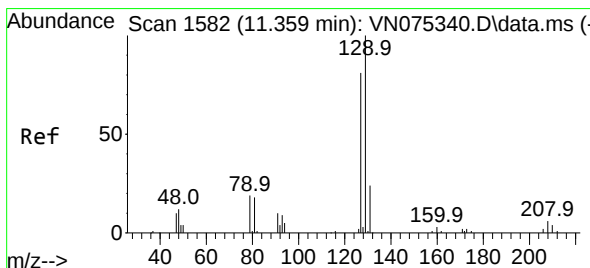
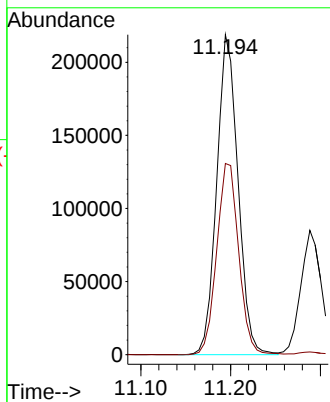
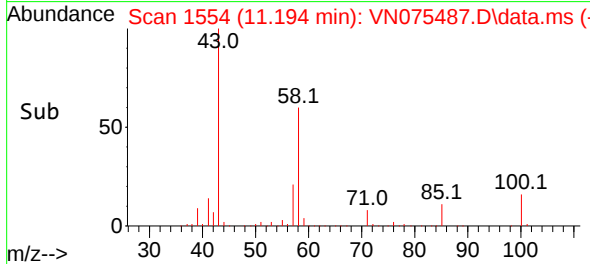
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 360458
Ion Ratio Lower Upper
43 100
58 61.7 29.6 88.8

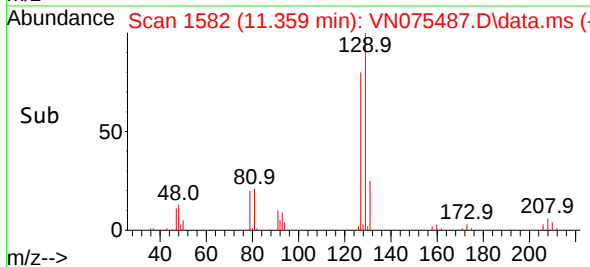
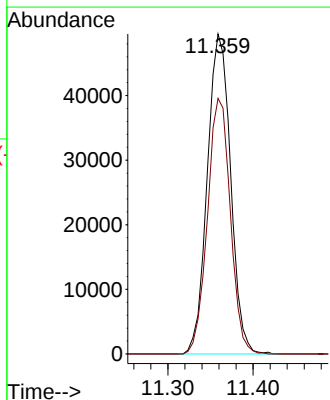
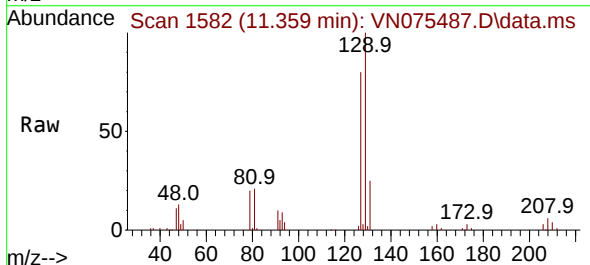
Manual Integrations
APPROVED

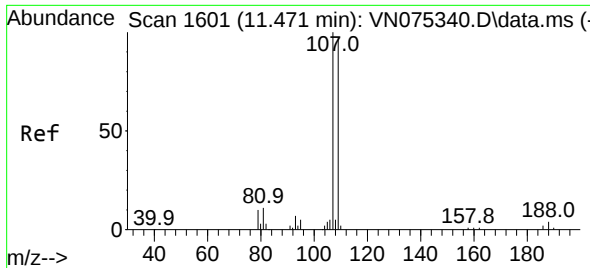
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#60
Dibromochloromethane
Concen: 54.340 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

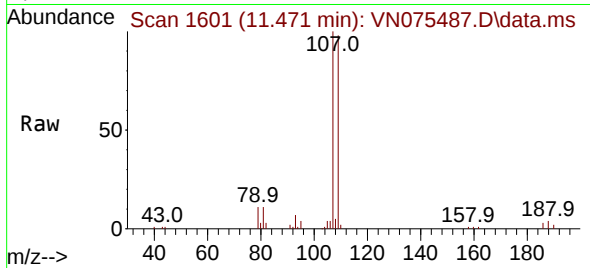
Tgt Ion:129 Resp: 94144
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.222 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

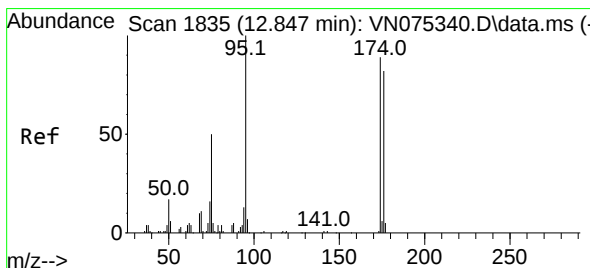
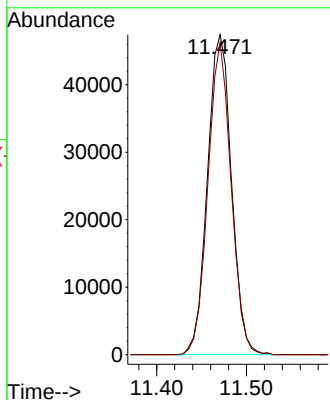
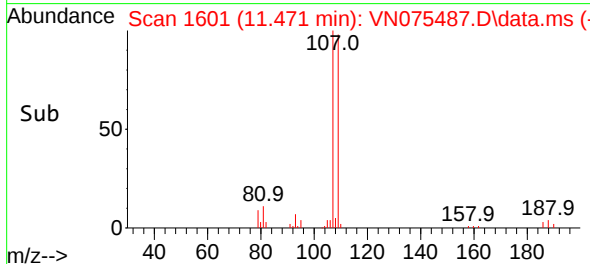
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 87984
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

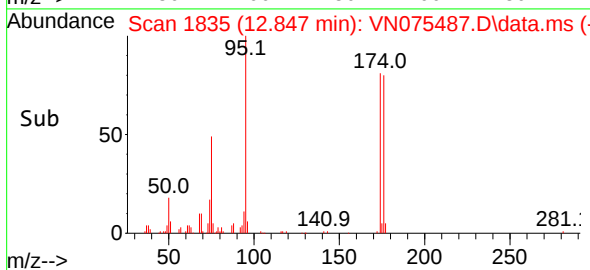
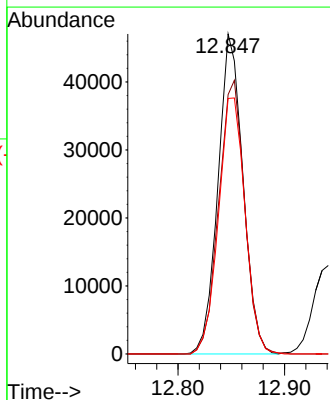
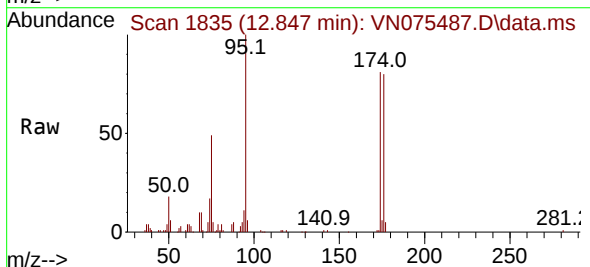
Manual Integrations
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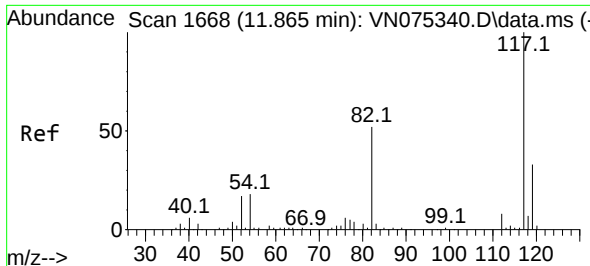
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#62
4-Bromofluorobenzene
Concen: 47.727 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

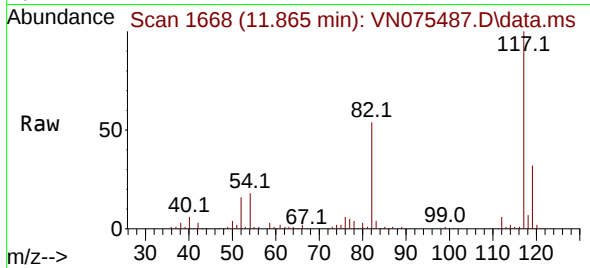
Tgt Ion: 95 Resp: 76420
Ion Ratio Lower Upper
95 100
174 88.6 0.0 147.4
176 85.5 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

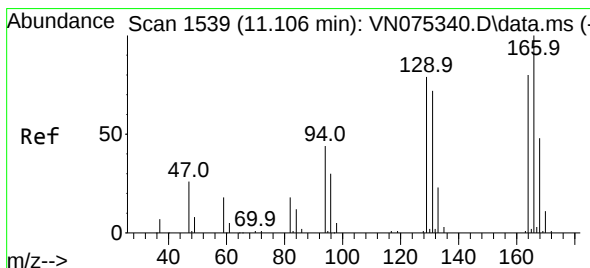
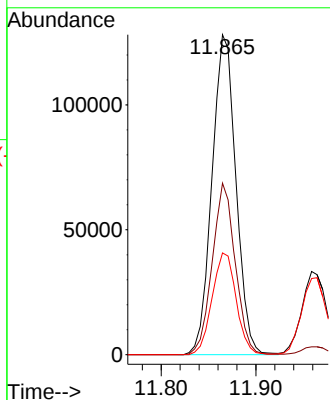
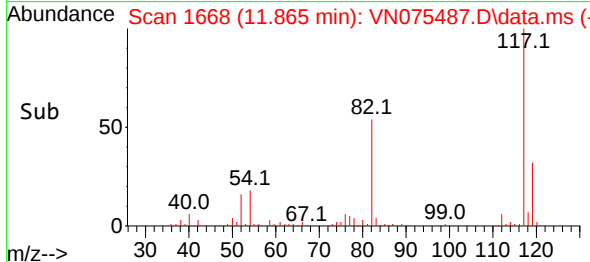
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 225138
Ion Ratio Lower Upper
117 100
82 53.6 43.1 64.7
119 31.8 25.5 38.3

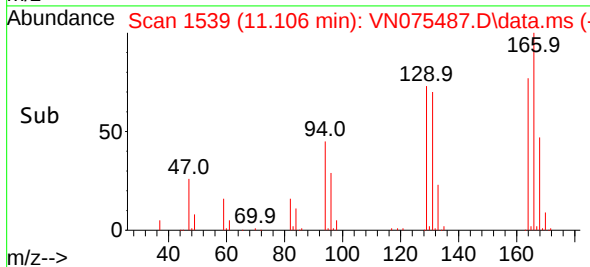
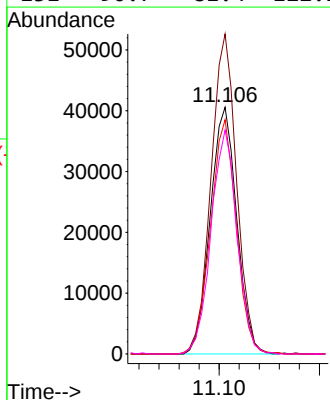
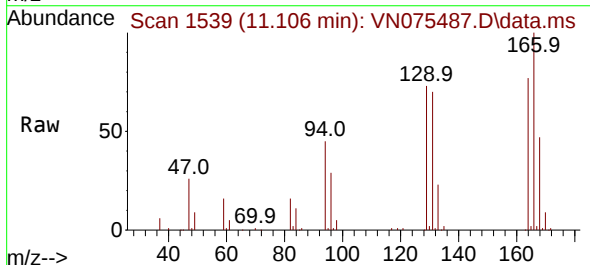
Manual Integrations
APPROVED

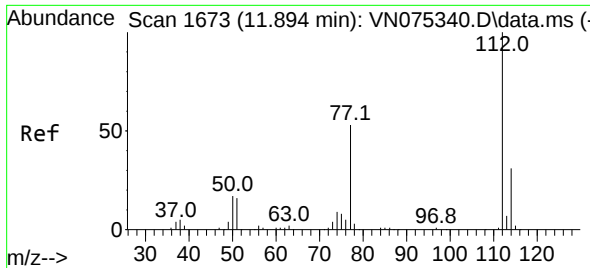
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#64
Tetrachloroethene
Concen: 43.266 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

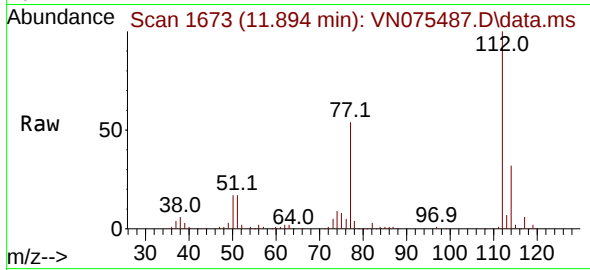
Tgt Ion:164 Resp: 74387
Ion Ratio Lower Upper
164 100
166 129.7 106.5 159.7
129 95.0 81.9 122.9
131 90.7 81.4 122.2





#65
Chlorobenzene
Concen: 48.036 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

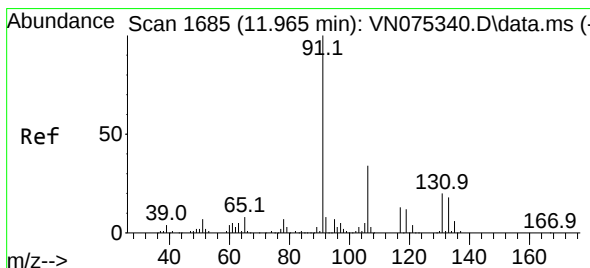
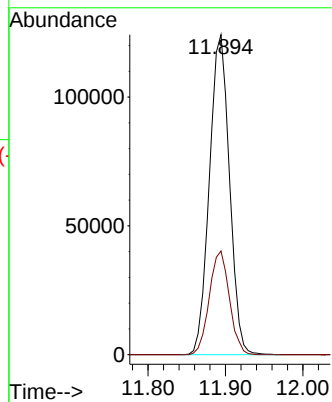
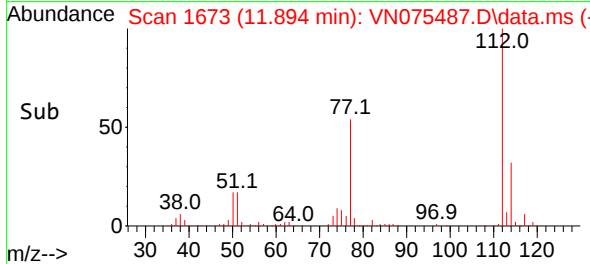
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 22334
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

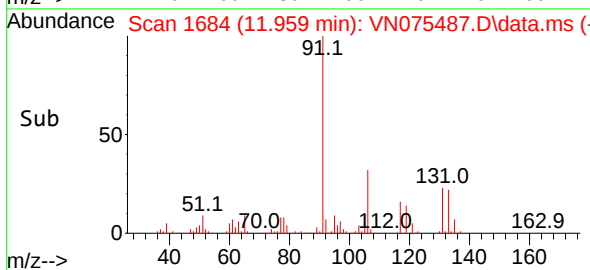
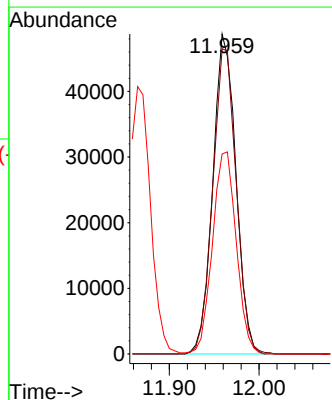
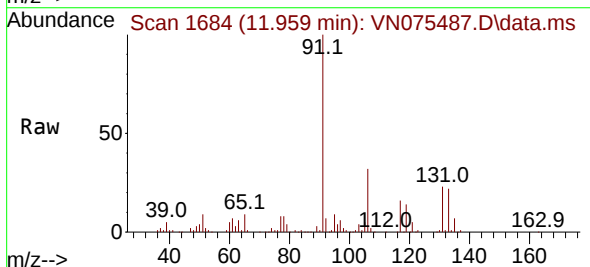
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.025 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

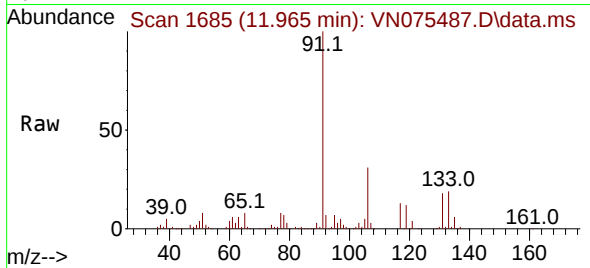
Tgt Ion:131 Resp: 86808
Ion Ratio Lower Upper
131 100
133 97.5 47.8 143.4
119 65.3 33.0 99.0





#67
Ethyl Benzene
Concen: 51.056 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

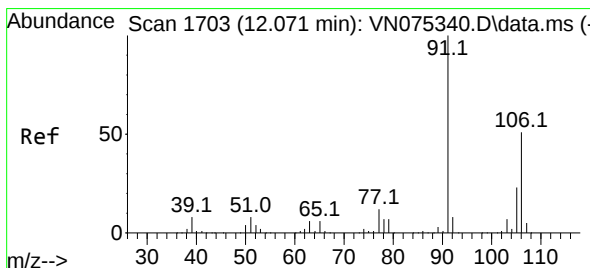
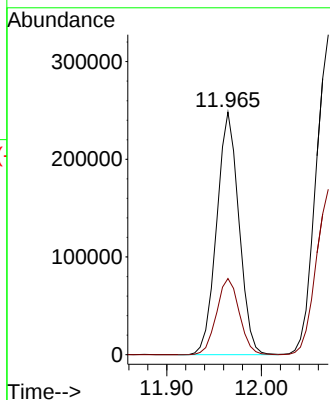
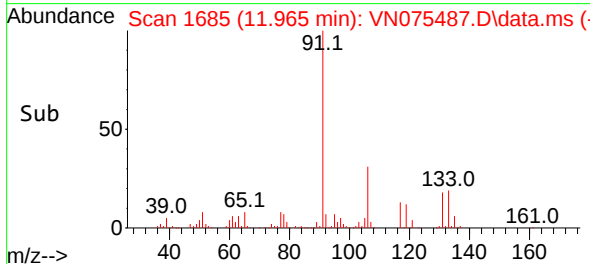
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



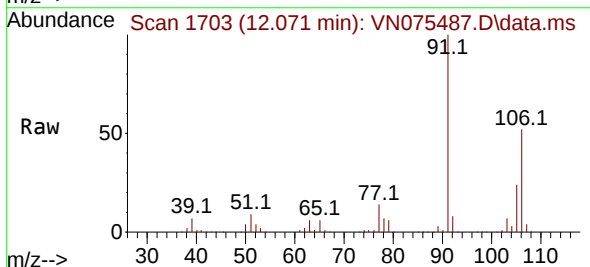
Tgt Ion: 91 Resp: 404990
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

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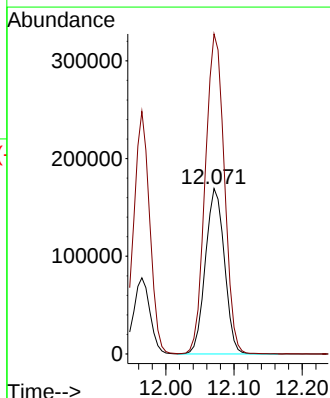
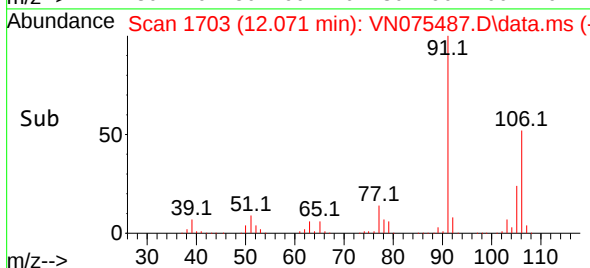
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

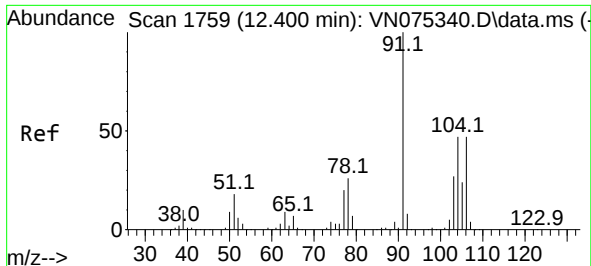


#68
m/p-Xylenes
Concen: 101.785 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



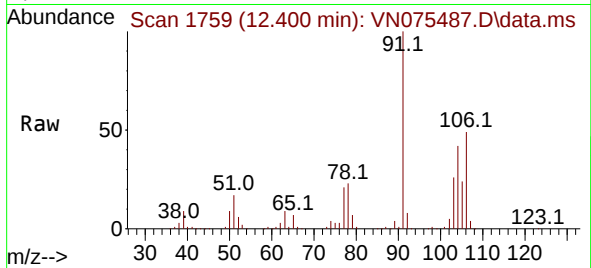
Tgt Ion:106 Resp: 327869
Ion Ratio Lower Upper
106 100
91 194.7 156.0 234.0





#69
o-Xylene
Concen: 50.400 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

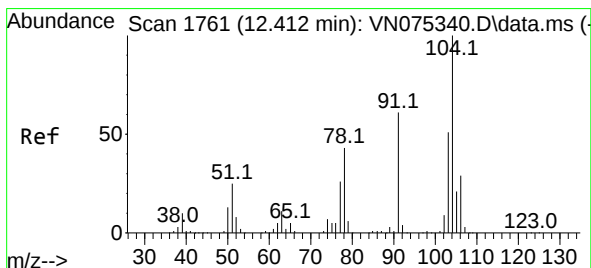
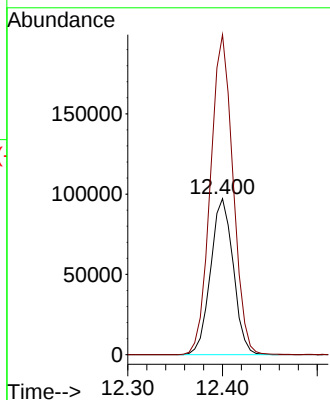
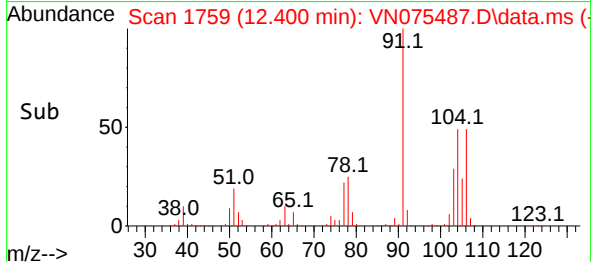
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 161300
Ion Ratio Lower Upper
106 100
91 204.9 105.2 315.5

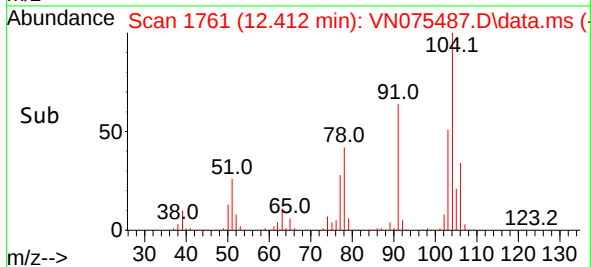
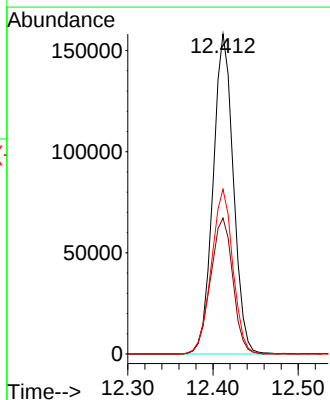
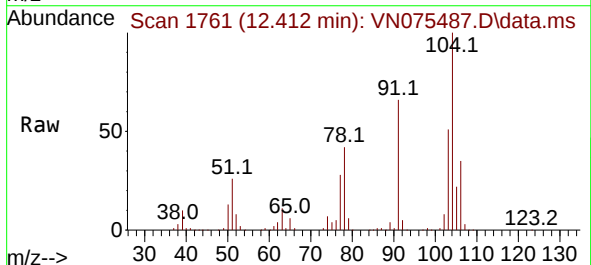
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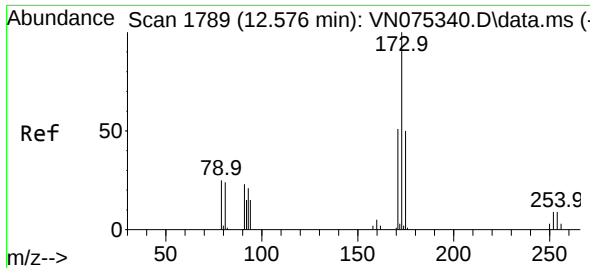
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#70
Styrene
Concen: 51.908 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

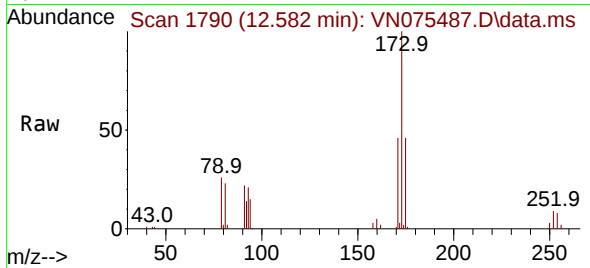
Tgt Ion:104 Resp: 262076
Ion Ratio Lower Upper
104 100
78 46.5 38.1 57.1
103 54.4 44.6 66.8





#71
Bromoform
Concen: 54.428 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

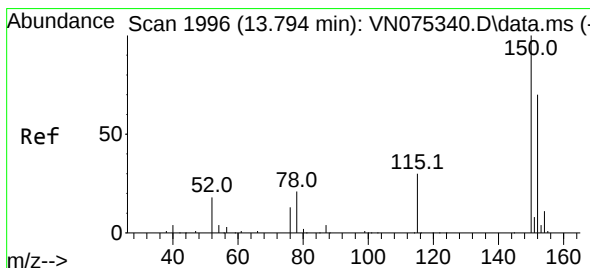
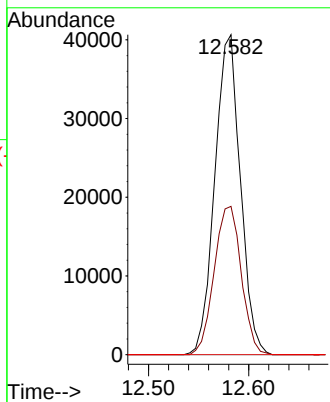
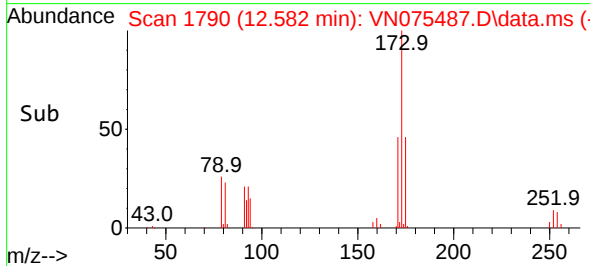
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 7188
Ion Ratio Lower Upper
173 100
175 49.1 24.6 74.0
254 0.0 0.0 0.0

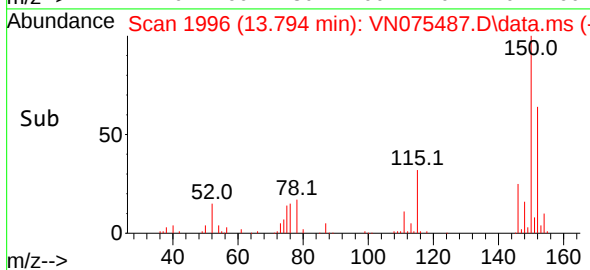
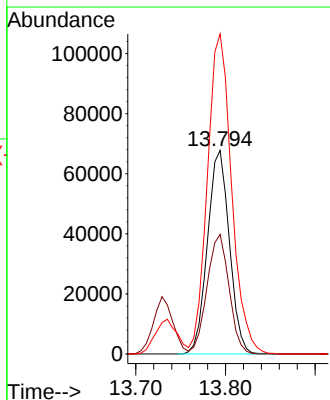
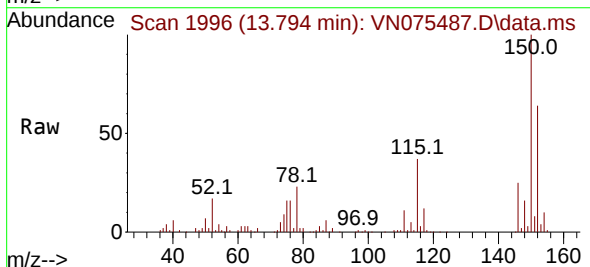
Manual Integrations
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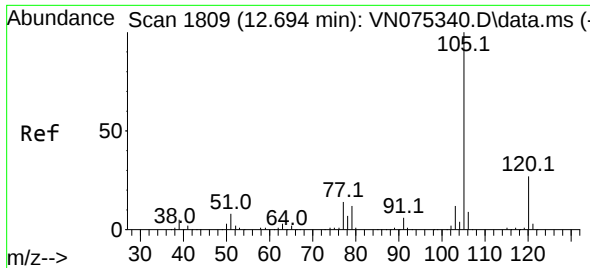
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion:152 Resp: 114857
Ion Ratio Lower Upper
152 100
115 58.9 30.2 90.6
150 173.4 0.0 348.4





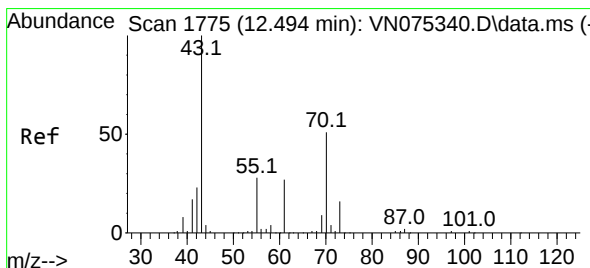
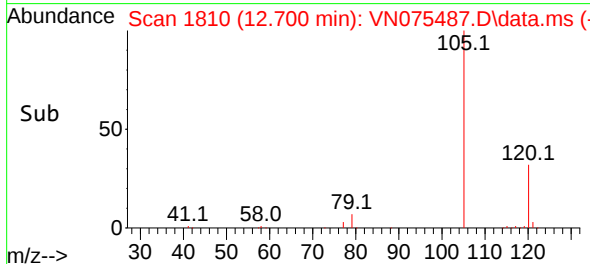
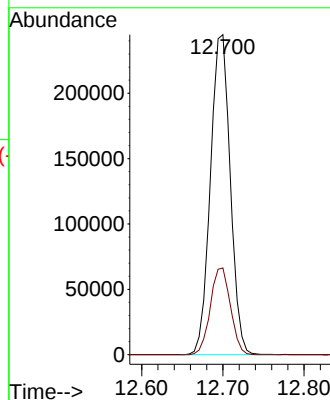
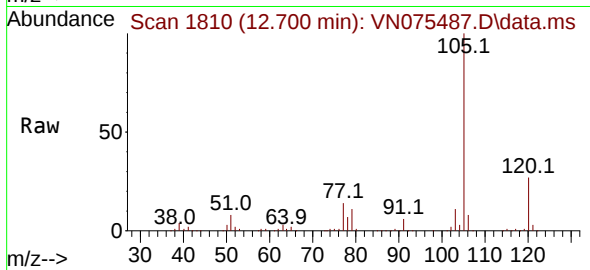
#73
Isopropylbenzene
Concen: 49.548 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 41577
Ion Ratio Lower Upper
105 100
120 27.4 13.1 39.1

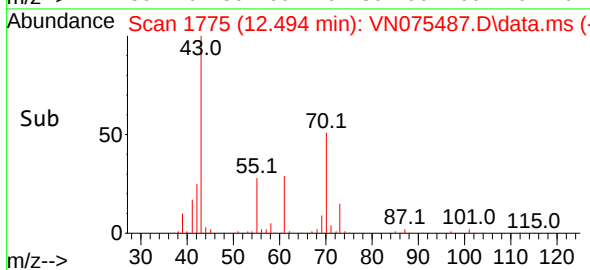
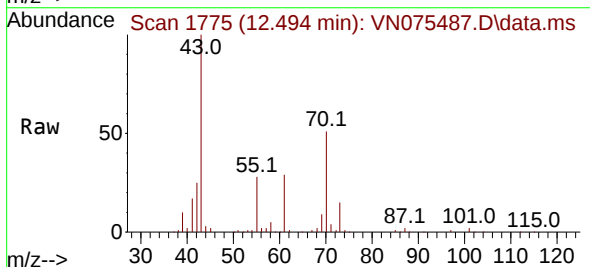
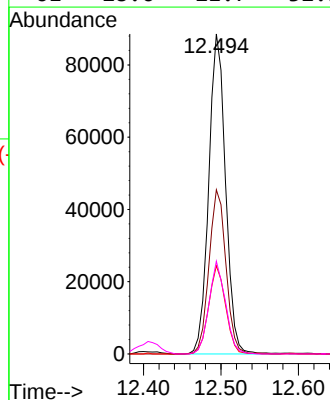
Manual Integrations
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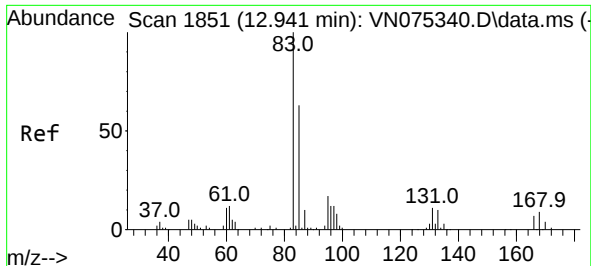
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#74
N-ethyl acetate
Concen: 51.735 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

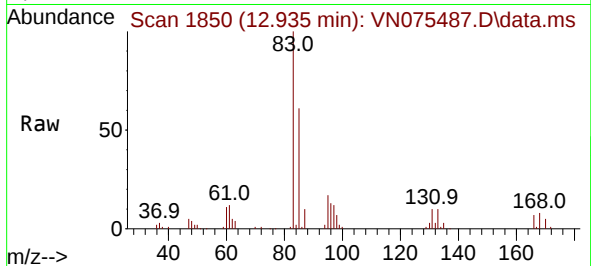
Tgt Ion: 43 Resp: 133465
Ion Ratio Lower Upper
43 100
70 51.7 39.8 59.8
55 27.7 19.9 29.9
61 28.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 50.930 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

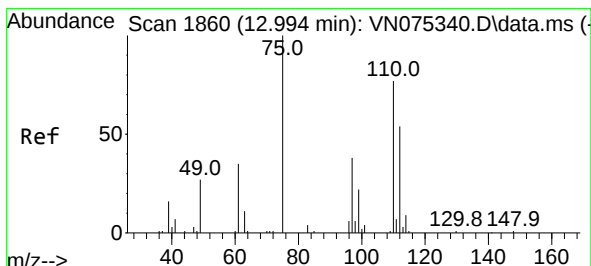
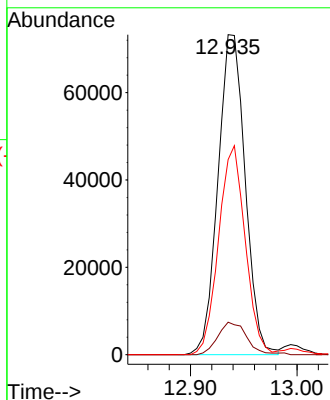
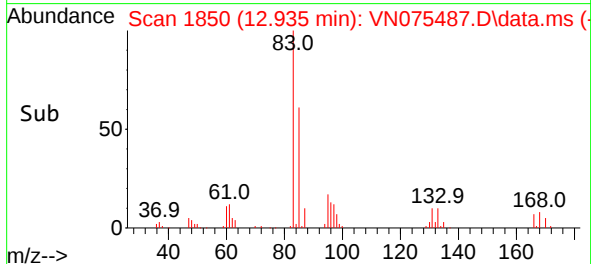
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



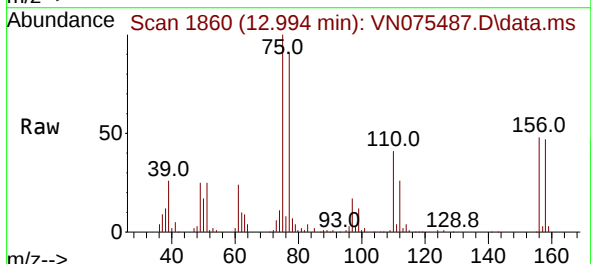
Tgt Ion: 83 Resp: 13029
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 63.9 31.6 94.7

Manual Integrations
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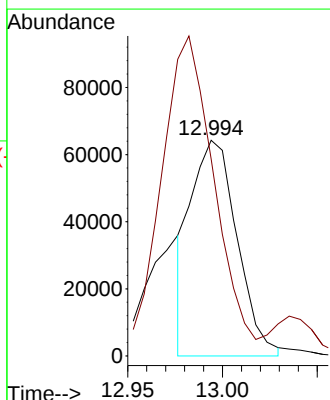
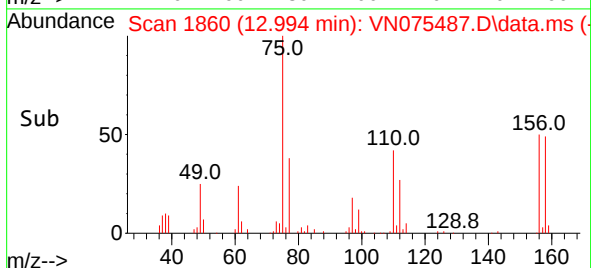
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

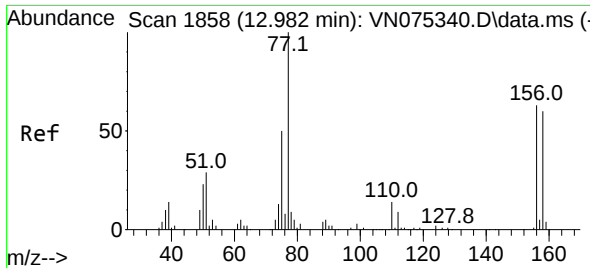


#76
1,2,3-Trichloropropane
Concen: 49.915 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



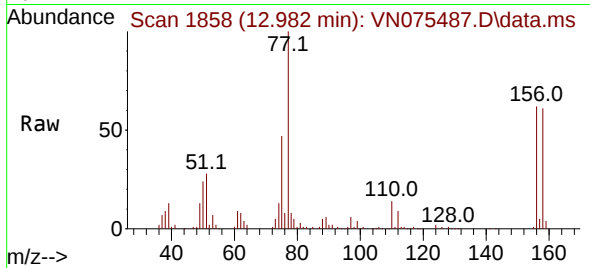
Tgt Ion: 75 Resp: 108398
Ion Ratio Lower Upper
75 100
77 171.8 75.6 226.8





#77
Bromobenzene
Concen: 48.847 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

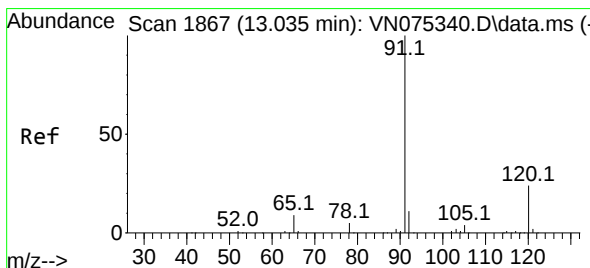
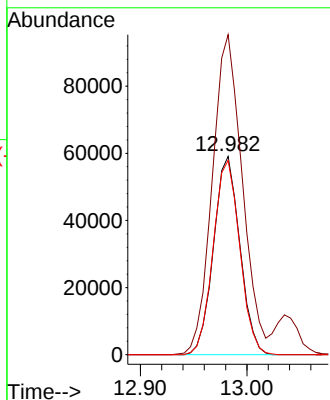
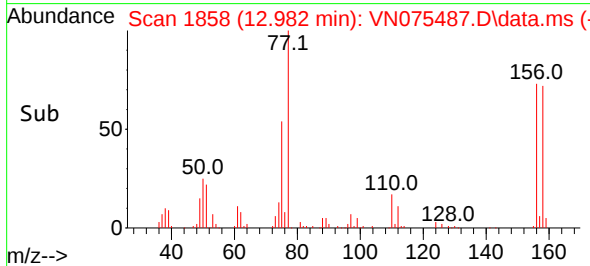
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



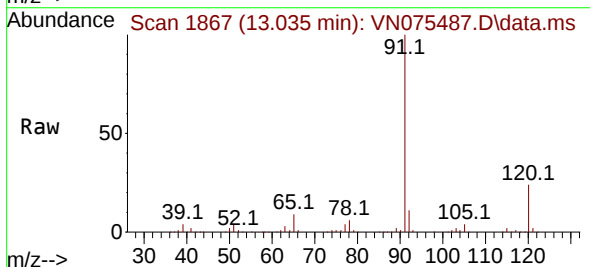
Tgt Ion:156 Resp: 101195
Ion Ratio Lower Upper
156 100
77 184.1 108.5 325.5
158 99.0 47.7 143.1

Manual Integrations
APPROVED

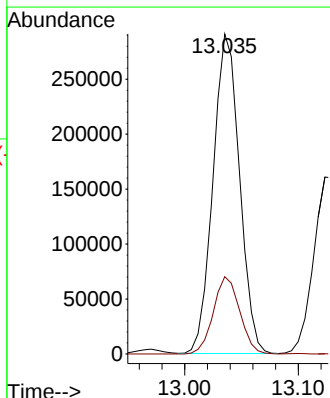
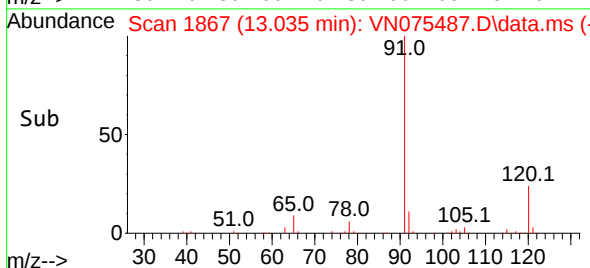
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

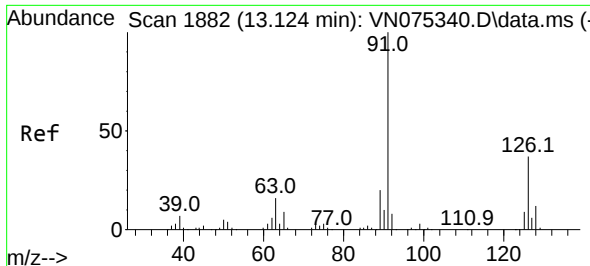


#78
n-propylbenzene
Concen: 50.334 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



Tgt Ion: 91 Resp: 471369
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 50.178 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

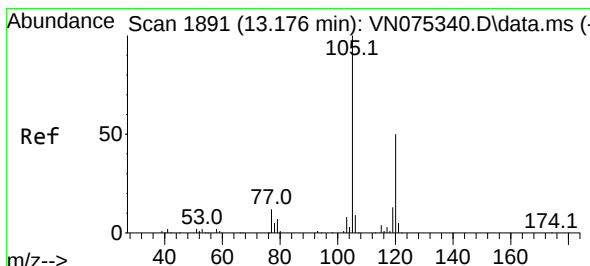
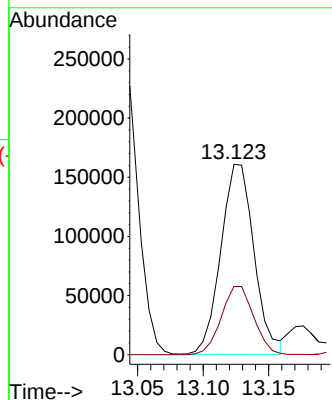
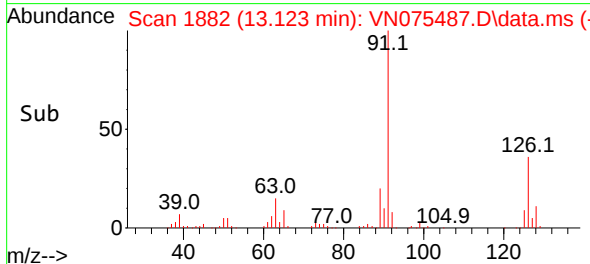
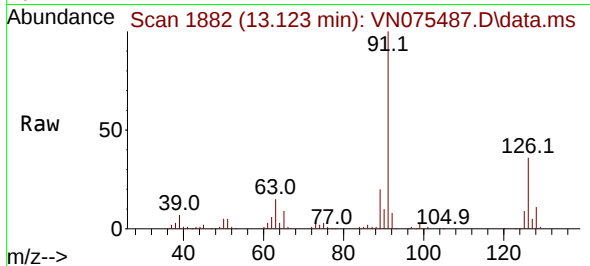
VSTDCCC050EC

Tgt Ion: 91 Resp: 283129
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.7

Manual Integrations

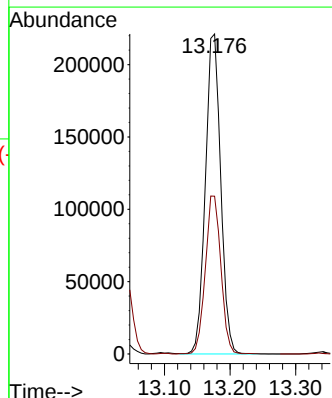
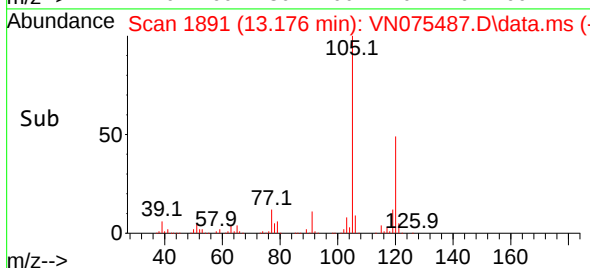
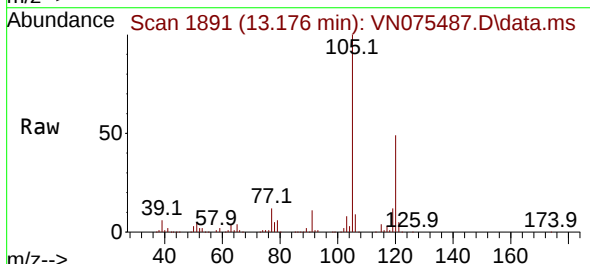
APPROVED

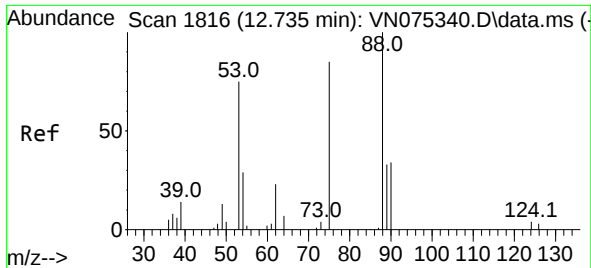
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.614 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

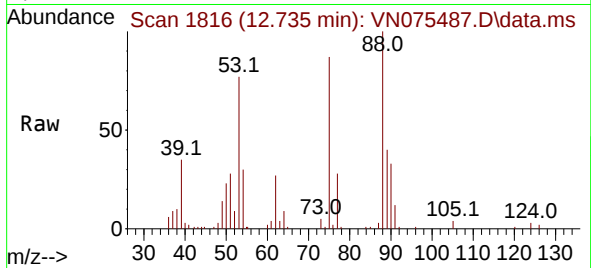
Tgt Ion:105 Resp: 359837
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.286 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

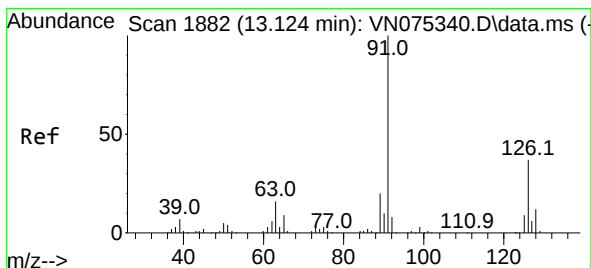
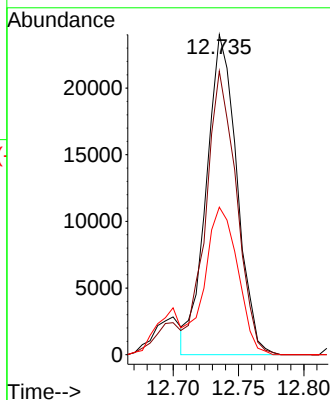
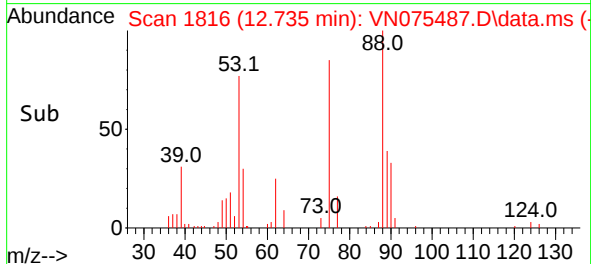
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



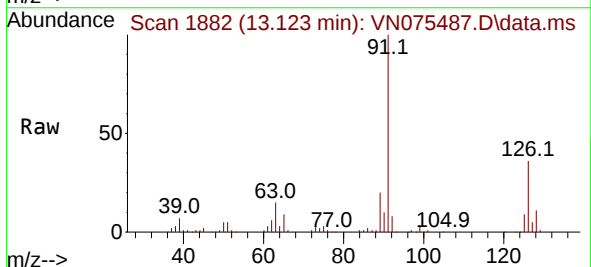
Tgt Ion: 75 Resp: 39110
Ion Ratio Lower Upper
75 100
53 97.2 78.5 117.7
89 50.2 37.7 56.5

Manual Integrations
APPROVED

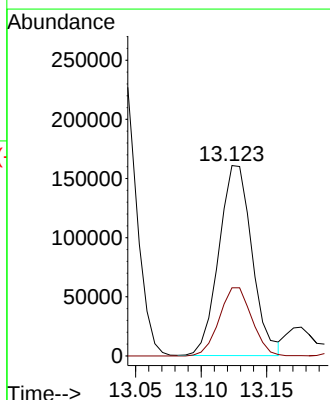
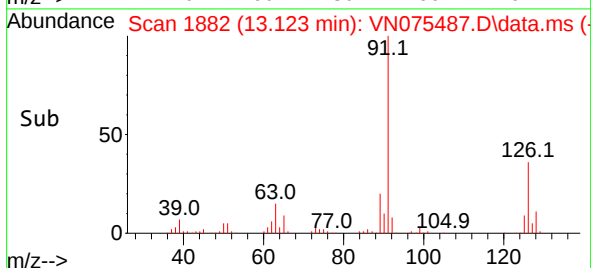
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

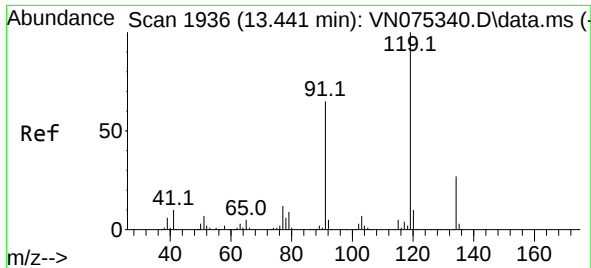


#82
4-Chlorotoluene
Concen: 50.178 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



Tgt Ion: 91 Resp: 283129
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.7





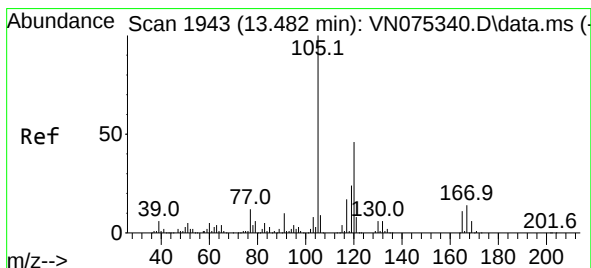
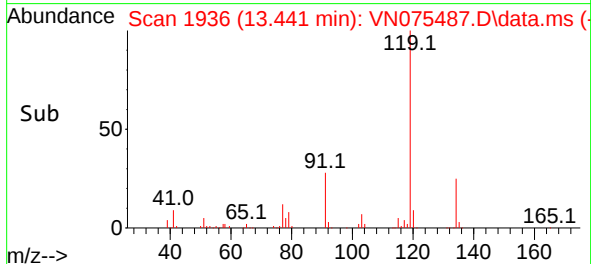
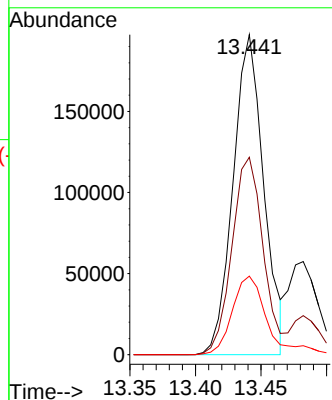
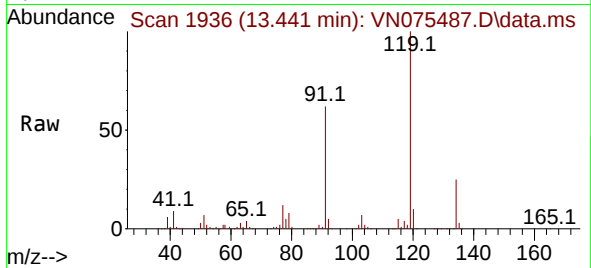
#83
tert-Butylbenzene
Concen: 50.404 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 320390
Ion Ratio Lower Upper
119 100
91 63.9 32.8 98.4
134 27.9 12.3 36.9

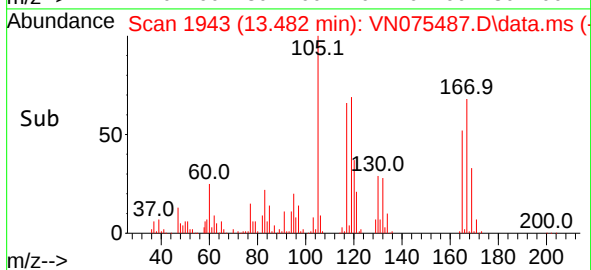
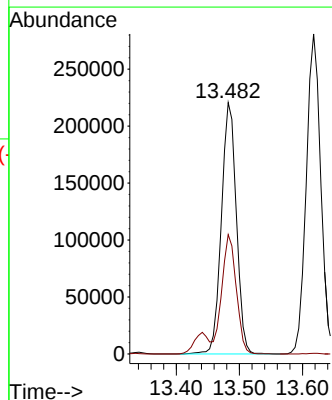
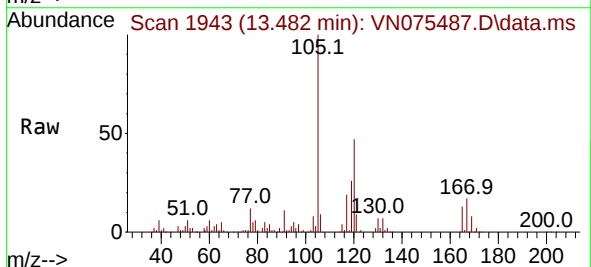
Manual Integrations
APPROVED

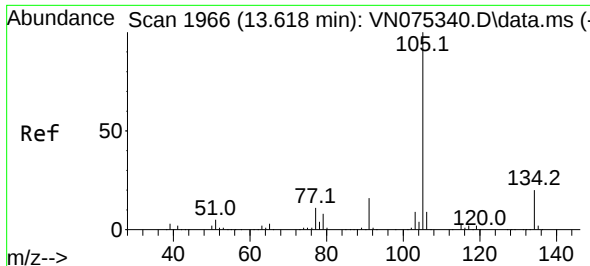
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.990 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion:105 Resp: 363570
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





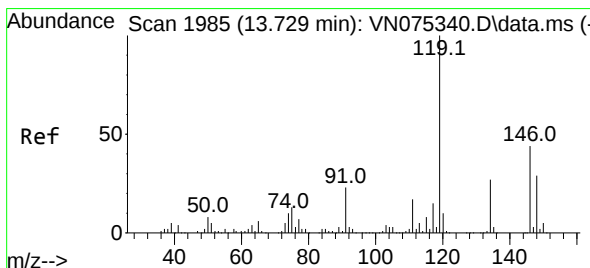
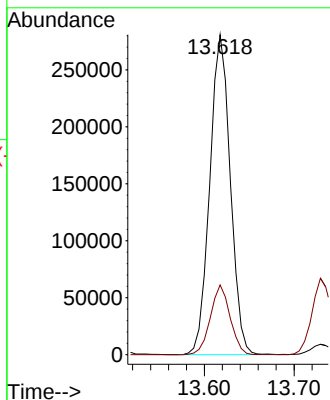
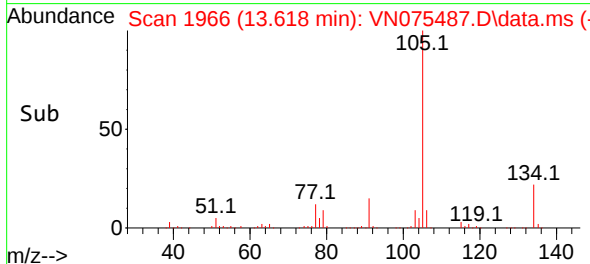
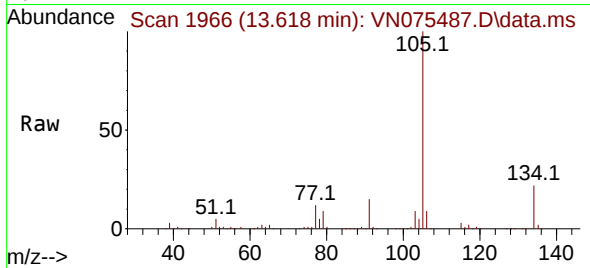
#85
 sec-Butylbenzene
 Concen: 51.783 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 446620
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

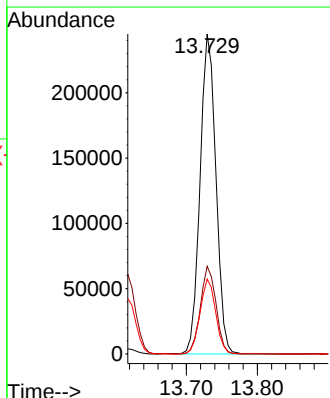
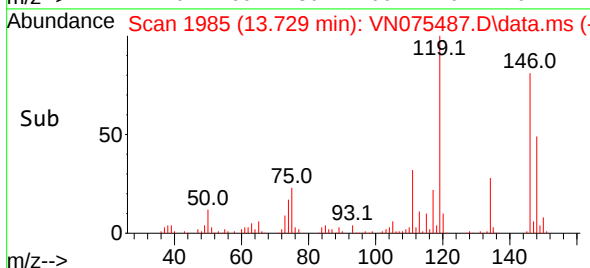
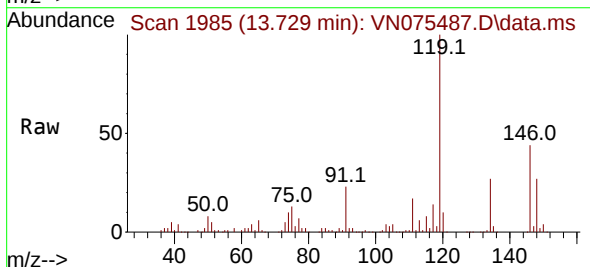
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#86
 p-Isopropyltoluene
 Concen: 52.515 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

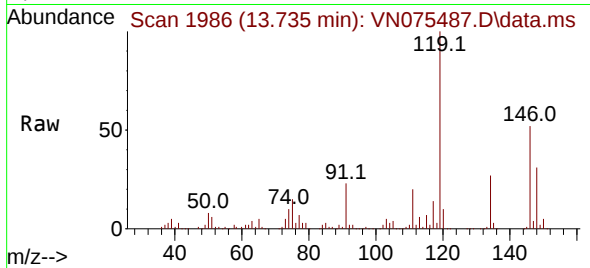
Tgt Ion:119 Resp: 381079
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 23.1 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 49.463 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

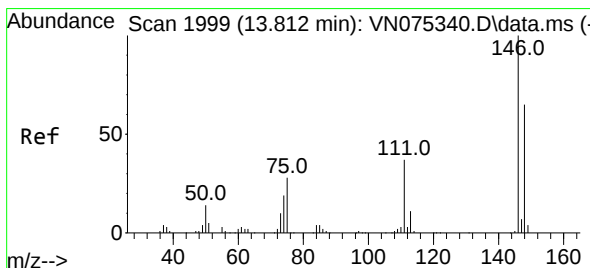
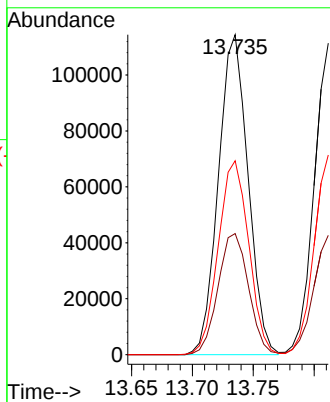
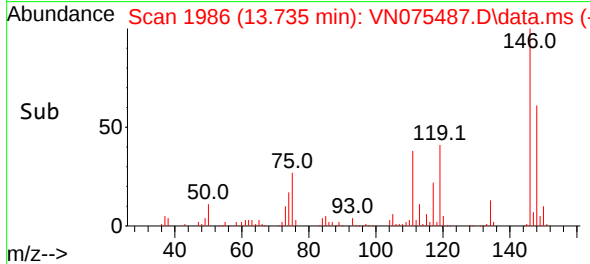
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 19415
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.8 62.5
 148 62.4 31.1 93.5

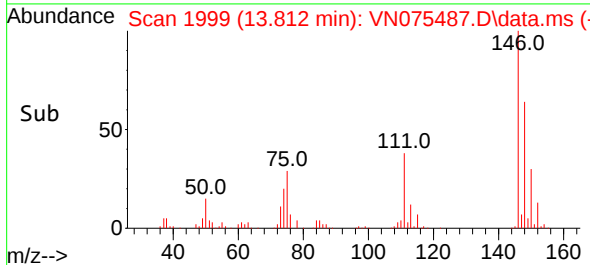
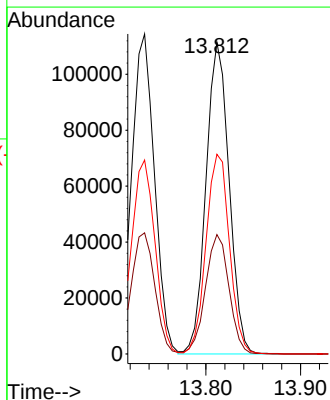
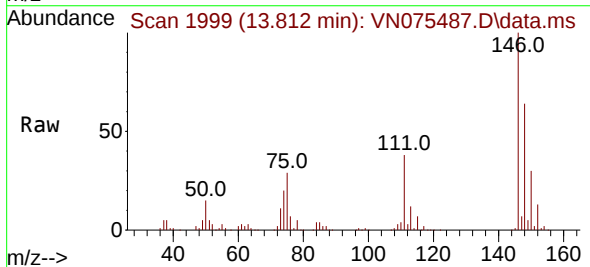
Manual Integrations
 APPROVED

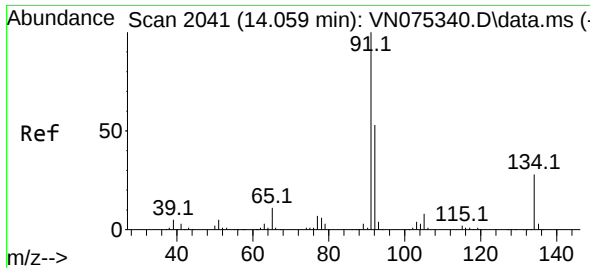
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#88
 1,4-Dichlorobenzene
 Concen: 47.417 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075487.D
 Acq: 29 Nov 2022 19:37

Tgt Ion:146 Resp: 189064
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.1 60.3
 148 65.2 31.9 95.7





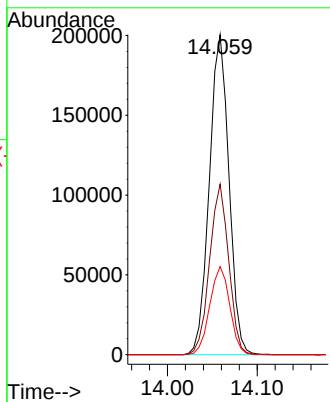
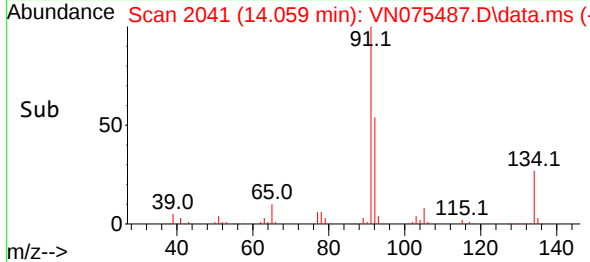
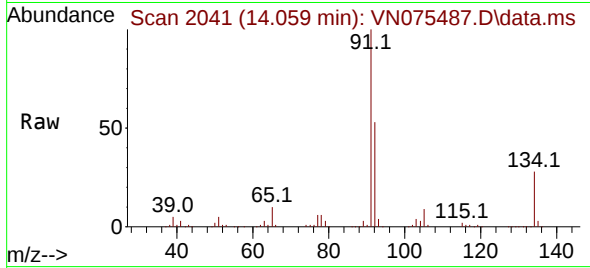
#89
n-Butylbenzene
Concen: 49.619 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 30410
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.4
134 28.1 13.0 39.0

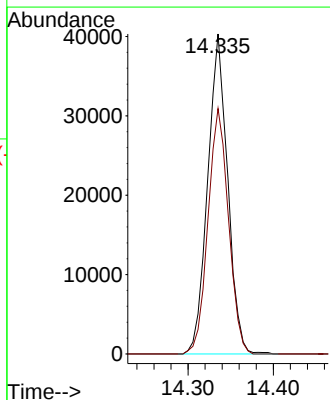
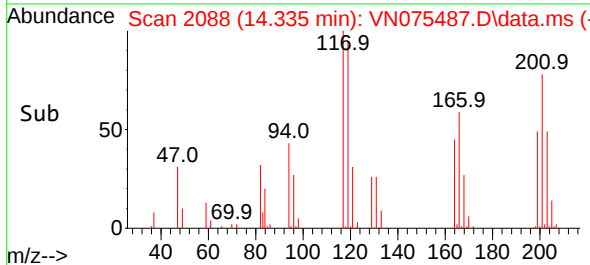
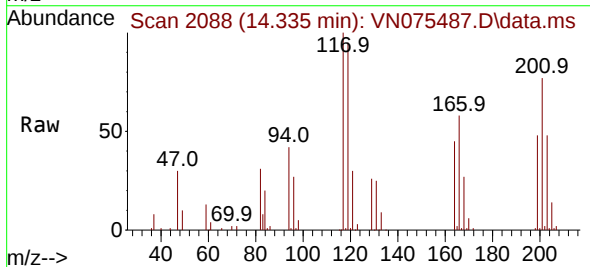
Manual Integrations
APPROVED

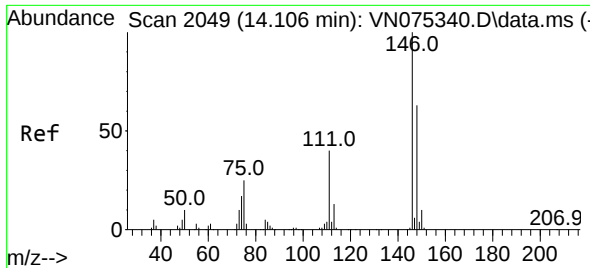
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#90
Hexachloroethane
Concen: 52.385 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

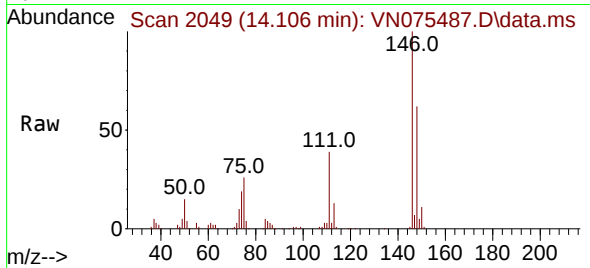
Tgt Ion:117 Resp: 65578
Ion Ratio Lower Upper
117 100
201 78.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 50.132 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

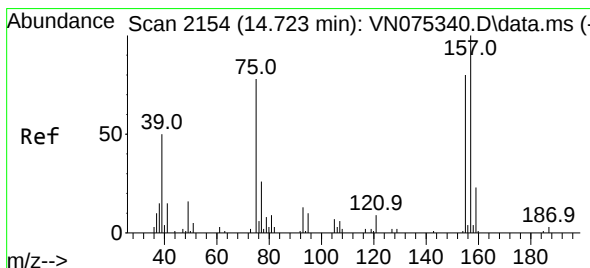
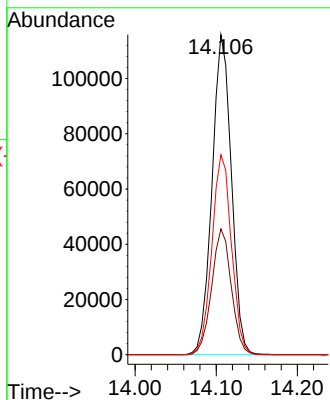
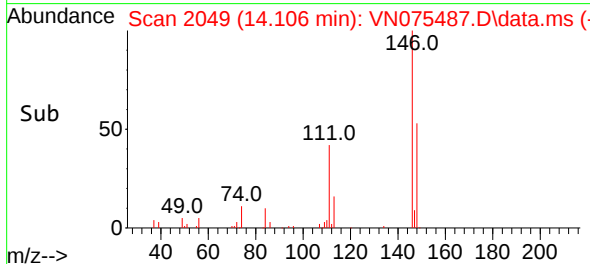
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 19180
Ion Ratio Lower Upper
146 100
111 39.9 21.3 63.9
148 63.5 31.4 94.2

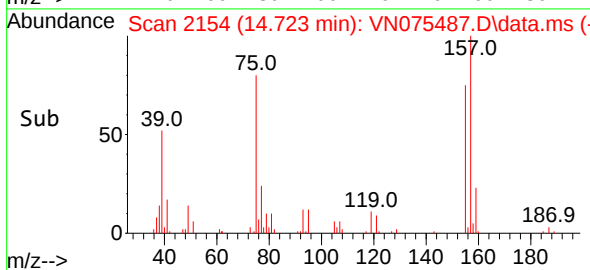
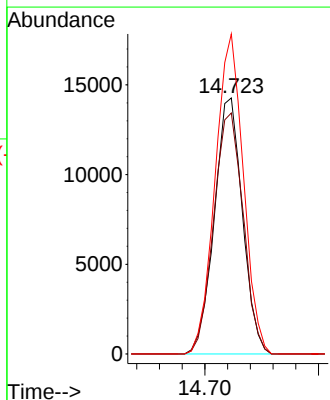
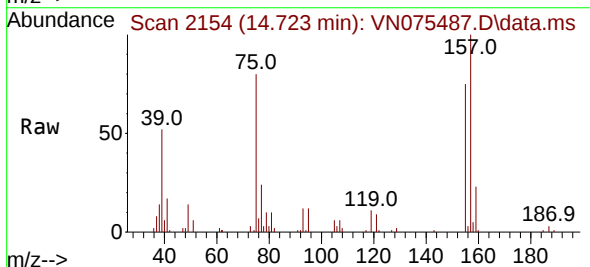
Manual Integrations
APPROVED

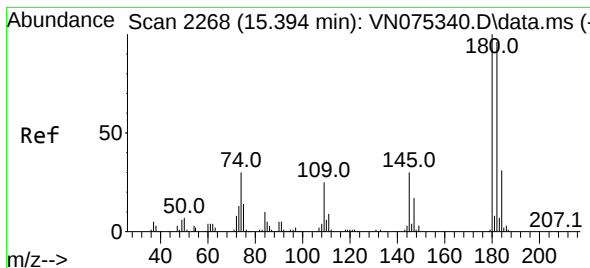
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.571 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

Tgt Ion: 75 Resp: 24508
Ion Ratio Lower Upper
75 100
155 98.4 42.1 126.3
157 125.1 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 48.811 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 9570

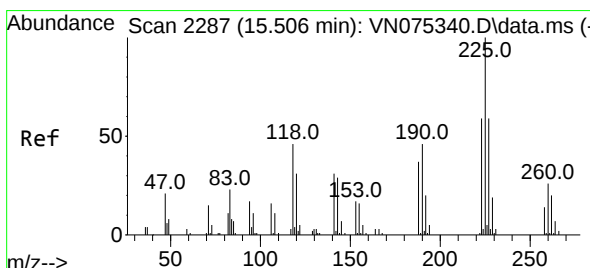
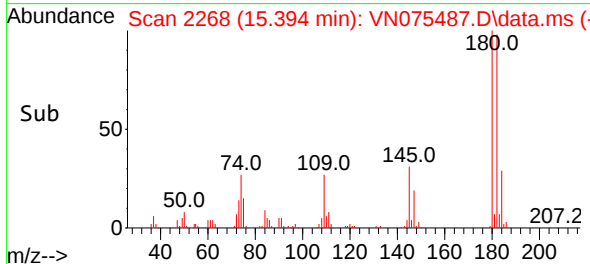
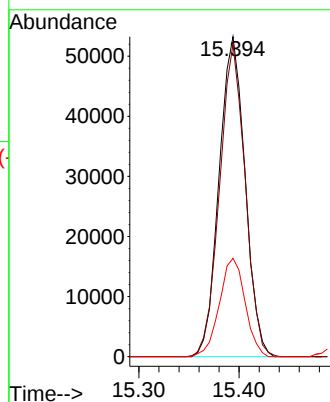
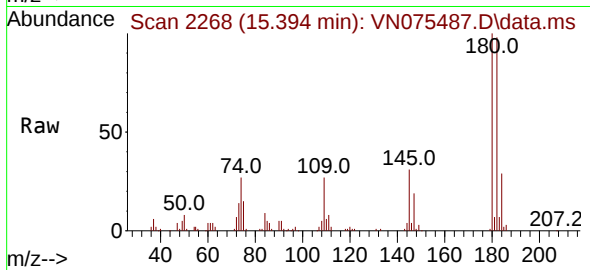
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	30.4	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#94

Hexachlorobutadiene

Concen: 49.751 ug/l

RT: 15.506 min Scan# 2287

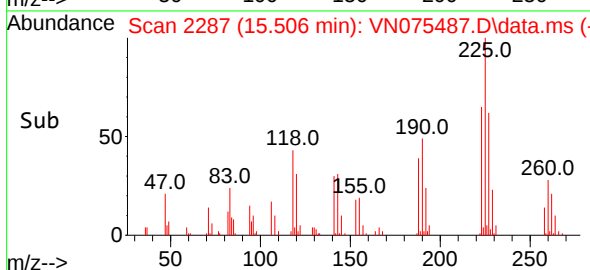
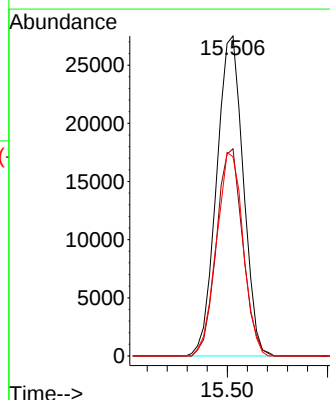
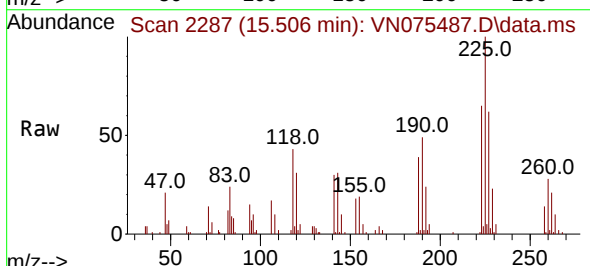
Delta R.T. -0.000 min

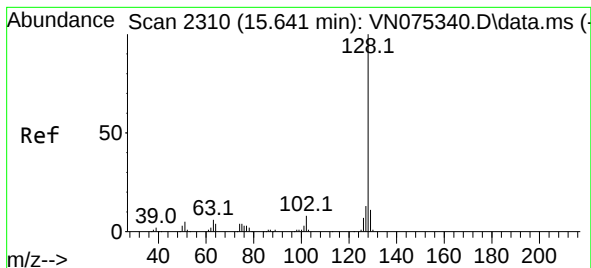
Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Tgt Ion:225 Resp: 50811

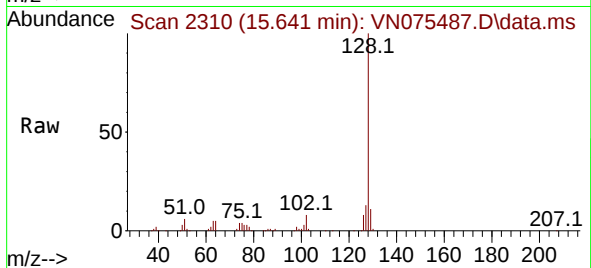
Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.9
227	63.6	32.0	96.2





#95
Naphthalene
Concen: 49.510 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37

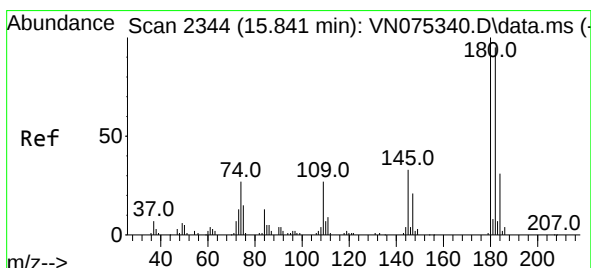
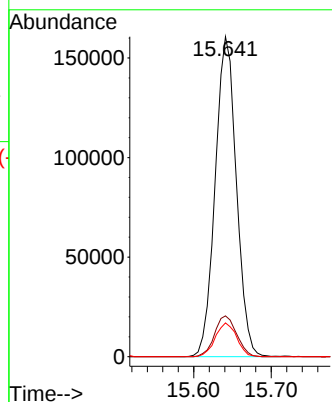
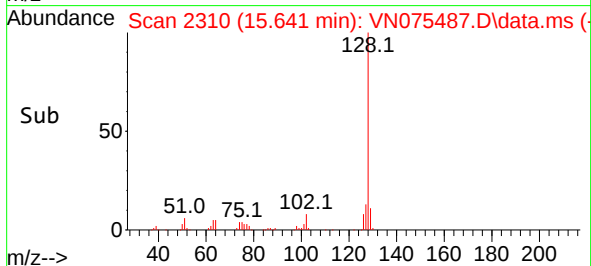
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



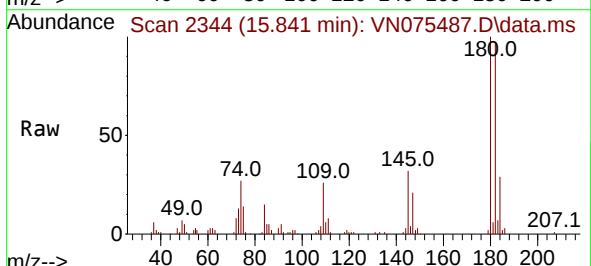
Tgt Ion:128 Resp: 305390
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.367 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075487.D
Acq: 29 Nov 2022 19:37



Tgt Ion:180 Resp: 93207
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.8
145 32.4 17.6 52.9

