

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075628.D
 Acq On : 07 Dec 2022 23:56
 Operator : JC\MD
 Sample : VN1207SBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Quant Time: Dec 08 00:26:01 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	186037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	51260	51.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.171	113	65370	54.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	10.570	98	141392	52.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.853	95	106583	53.670	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	32102	22.567	ug/l	98
3) Chloromethane	2.371	50	37020	20.914	ug/l	96
4) Vinyl Chloride	2.524	62	50594	22.680	ug/l	97
5) Bromomethane	2.918	94	43858	22.357	ug/l	85
6) Chloroethane	3.100	64	36271	21.458	ug/l	100
7) Trichlorofluoromethane	3.494	101	67095	21.053	ug/l	95
8) Diethyl Ether	3.971	74	25027	22.406	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	37492	21.310	ug/l	91
10) Methyl Iodide	4.594	142	64749	22.712	ug/l	95
11) Tert butyl alcohol	5.547	59	42408	101.162	ug/l	97
12) 1,1-Dichloroethene	4.341	96	37158	21.568	ug/l	91
13) Acrolein	4.194	56	36076	98.784	ug/l	98
14) Allyl chloride	5.036	41	47490	21.311	ug/l	95
15) Acrylonitrile	5.730	53	96064	99.881	ug/l	99
16) Acetone	4.447	43	76697	82.340	ug/l	93
17) Carbon Disulfide	4.718	76	90977	20.320	ug/l	100
18) Methyl Acetate	5.036	43	52209	21.495	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	134076	21.969	ug/l	96
20) Methylene Chloride	5.288	84	43564	22.357	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	41739	21.259	ug/l	92
22) Diisopropyl ether	6.683	45	111762	21.977	ug/l	98
23) Vinyl Acetate	6.612	43	428326m	105.871	ug/l	
24) 1,1-Dichloroethane	6.577	63	71086	21.778	ug/l	96
25) 2-Butanone	7.494	43	122412	94.131	ug/l	98
26) 2,2-Dichloropropane	7.500	77	47717	15.729	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	49432	22.266	ug/l	90
28) Bromochloromethane	7.818	49	27817	20.994	ug/l #	81
29) Tetrahydrofuran	7.847	42	79627	100.664	ug/l	98
30) Chloroform	7.977	83	78875	21.042	ug/l	98
31) Cyclohexane	8.259	56	60312	19.009	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	71606	21.039	ug/l	97
36) 1,1-Dichloropropene	8.377	75	55498	21.304	ug/l	98
37) Ethyl Acetate	7.571	43	49954	21.296	ug/l	98
38) Carbon Tetrachloride	8.371	117	63511	22.193	ug/l	99
39) Methylcyclohexane	9.606	83	66796	20.487	ug/l	92
40) Benzene	8.612	78	174326	21.856	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	25272	21.073	ug/l	96
42) 1,2-Dichloroethane	8.677	62	58633	21.949	ug/l	96
43) Isopropyl Acetate	8.694	43	84489	22.440	ug/l	98
44) Trichloroethene	9.359	130	47506	21.767	ug/l	95
45) 1,2-Dichloropropane	9.629	63	42390	22.302	ug/l	97
46) Dibromomethane	9.712	93	31850	22.154	ug/l #	89
47) Bromodichloromethane	9.894	83	61741	22.176	ug/l	96
48) Methyl methacrylate	9.682	41	38299	21.998	ug/l	97
49) 1,4-Dioxane	9.700	88	20894	422.645	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	257805	107.504	ug/l	98
52) Toluene	10.635	92	115657	22.502	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	59162	21.167	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	65260	21.498	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	45544	21.756	ug/l	95
56) Ethyl methacrylate	10.876	69	65511	23.172	ug/l	98
57) 1,3-Dichloropropane	11.165	76	74423	21.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	105529	103.499	ug/l	98
59) 2-Hexanone	11.200	43	190853	105.985	ug/l	96
60) Dibromochloromethane	11.365	129	51220	23.837	ug/l	100
61) 1,2-Dibromoethane	11.476	107	47668	21.938	ug/l	100
64) Tetrachloroethene	11.106	164	40031	19.058	ug/l	93
65) Chlorobenzene	11.894	112	125221	22.045	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	48678	22.961	ug/l	99
67) Ethyl Benzene	11.965	91	216850	22.377	ug/l	99
68) m/p-Xylenes	12.076	106	175550	44.608	ug/l	99
69) o-Xylene	12.400	106	87941	22.491	ug/l	96
70) Styrene	12.412	104	141768	22.984	ug/l	97
71) Bromoform	12.582	173	38147	23.642	ug/l #	99
73) Isopropylbenzene	12.700	105	223616	22.067	ug/l	98
74) N-amyl acetate	12.500	43	72244	23.189	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	66677	21.582	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	54003m	20.592	ug/l	
77) Bromobenzene	12.982	156	56315	22.510	ug/l	82
78) n-propylbenzene	13.041	91	248922	22.011	ug/l	98
79) 2-Chlorotoluene	13.129	91	148899	21.852	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	189786	22.542	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	15944	17.988	ug/l	96
82) 4-Chlorotoluene	13.129	91	148899	21.852	ug/l	96
83) tert-Butylbenzene	13.441	119	173882	22.652	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	192201	22.759	ug/l	98
85) sec-Butylbenzene	13.617	105	234900	22.553	ug/l	98
86) p-Isopropyltoluene	13.735	119	196536	22.428	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	105568	22.271	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	103841	21.566	ug/l	97
89) n-Butylbenzene	14.059	91	157326	21.257	ug/l	98
90) Hexachloroethane	14.335	117	34210	22.629	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	105926	22.926	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12578	21.492	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	53800	22.722	ug/l	98
94) Hexachlorobutadiene	15.505	225	28252	22.907	ug/l	97
95) Naphthalene	15.647	128	162033	21.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52978	22.765	ug/l	98

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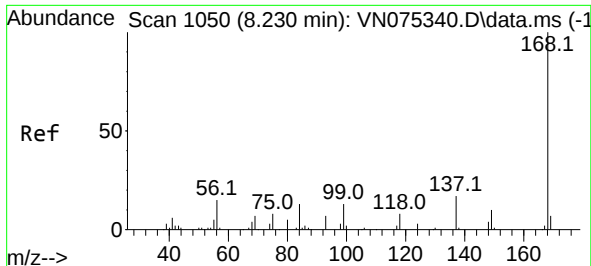
Manual Integrations
APPROVED

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



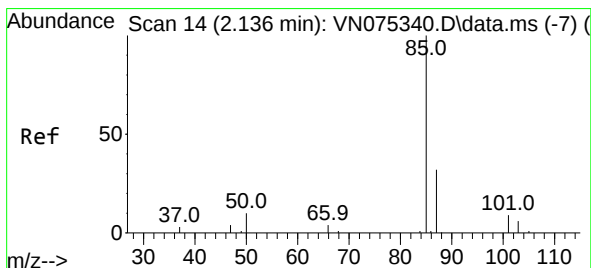
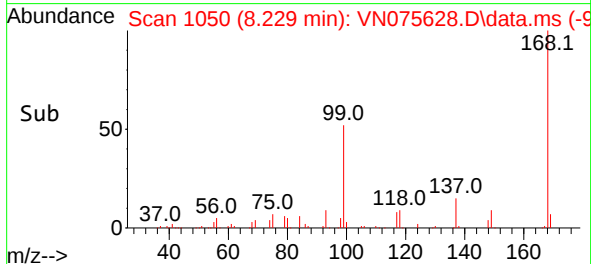
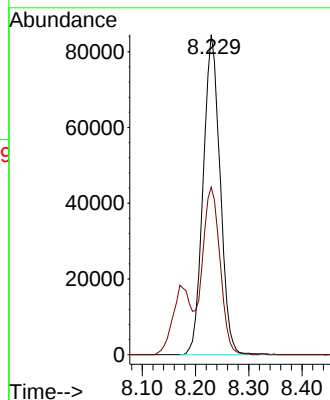
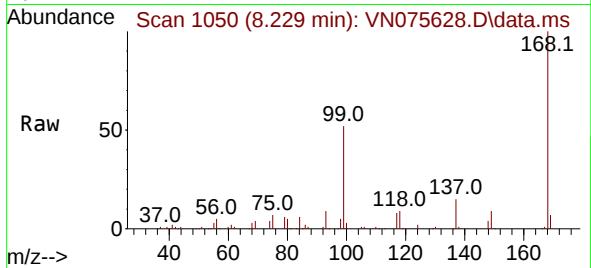
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075628.D
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Tgt Ion:168 Resp: 18603
Ion Ratio Lower Upper
168 100
99 52.3 51.6 77.4

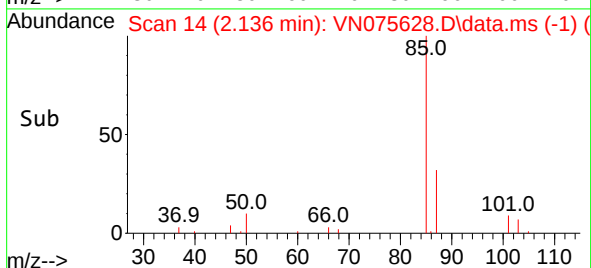
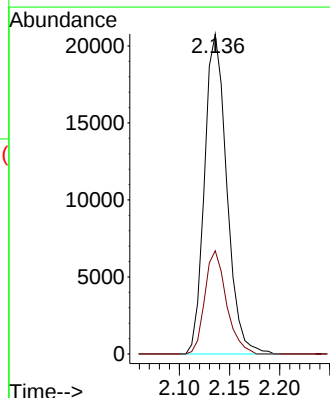
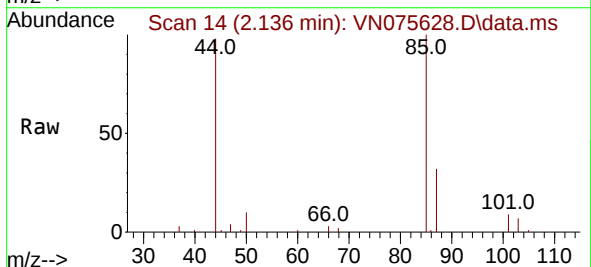
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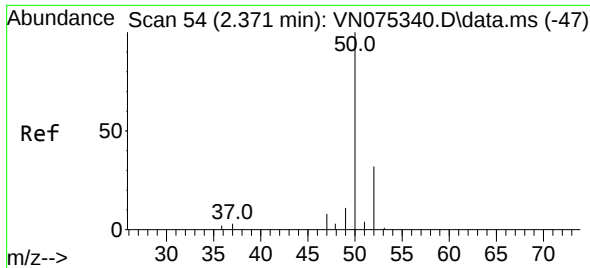
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#2
Dichlorodifluoromethane
Concen: 22.567 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 85 Resp: 32102
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0





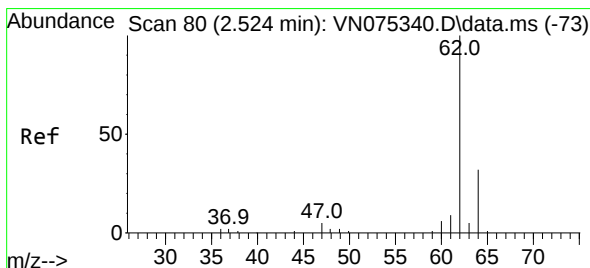
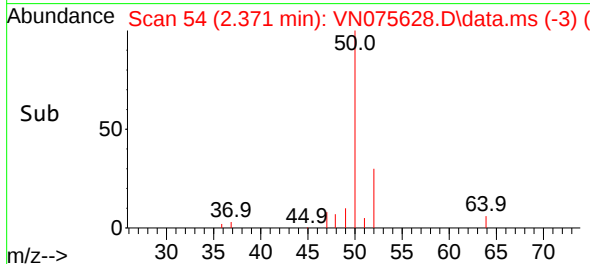
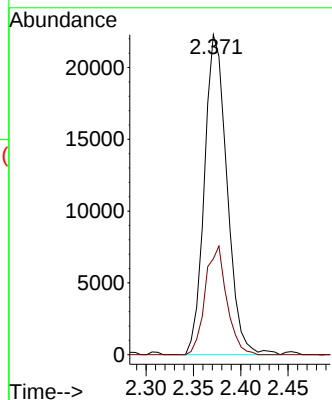
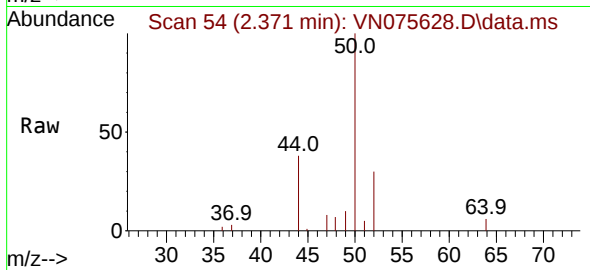
#3
Chloromethane
Concen: 20.914 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
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Tgt Ion: 50 Resp: 37020
Ion Ratio Lower Upper
50 100
52 30.0 25.8 38.6

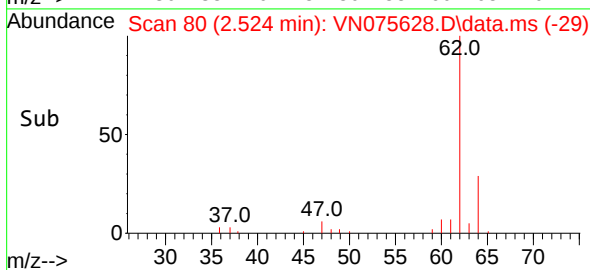
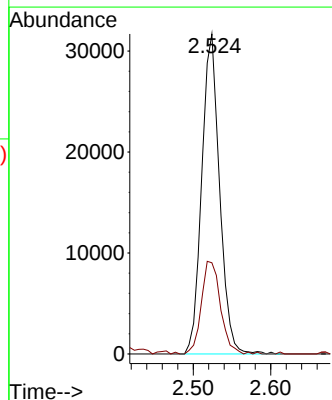
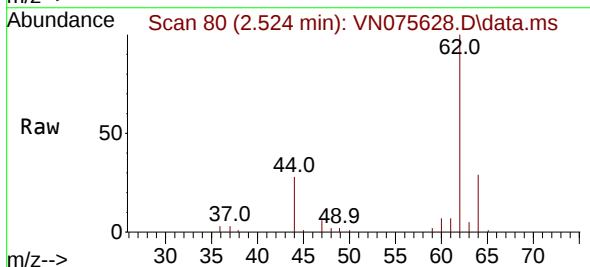
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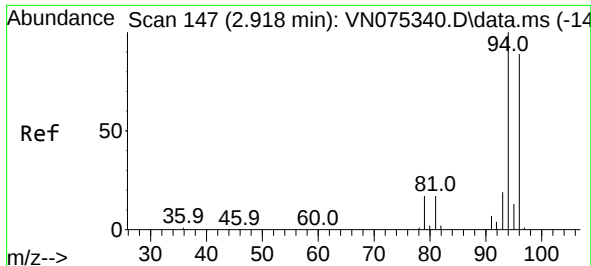
Reviewed By :John Carlone 12/08/2022
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#4
Vinyl Chloride
Concen: 22.680 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

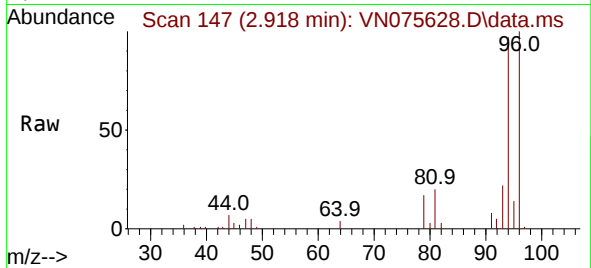
Tgt Ion: 62 Resp: 50594
Ion Ratio Lower Upper
62 100
64 28.5 24.0 36.0





#5
Bromomethane
Concen: 22.357 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

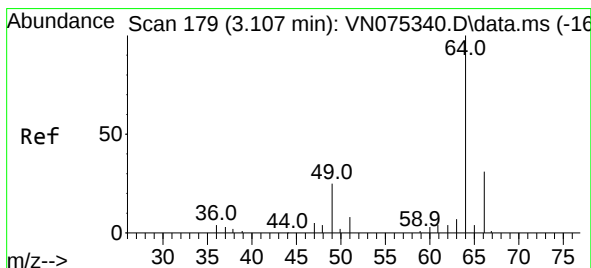
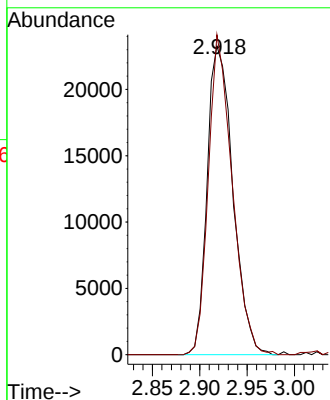
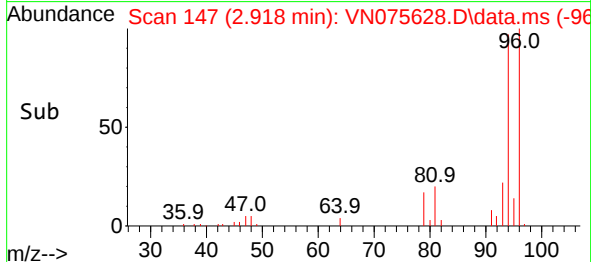
Instrument :
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Tgt Ion: 94 Resp: 43858
Ion Ratio Lower Upper
94 100
96 103.6 71.8 107.6

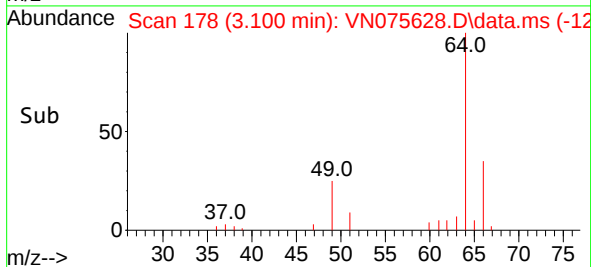
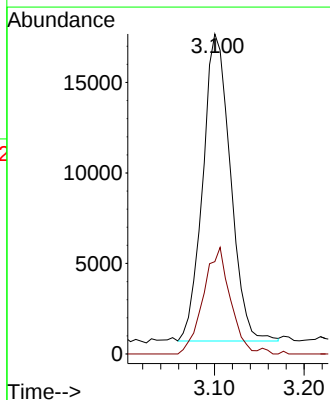
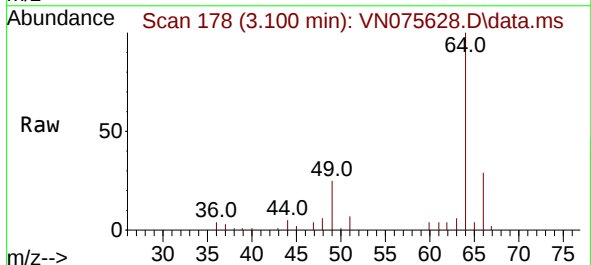
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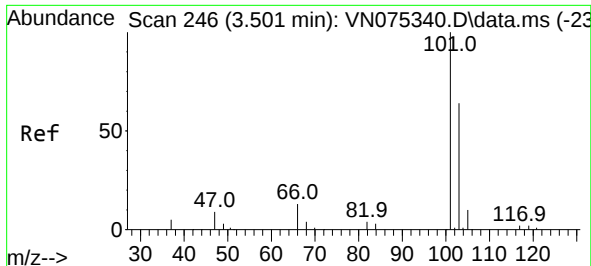
Reviewed By :John Carlone 12/08/2022
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#6
Chloroethane
Concen: 21.458 ug/l
RT: 3.100 min Scan# 178
Delta R.T. -0.007 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 64 Resp: 36271
Ion Ratio Lower Upper
64 100
66 30.1 23.8 35.8





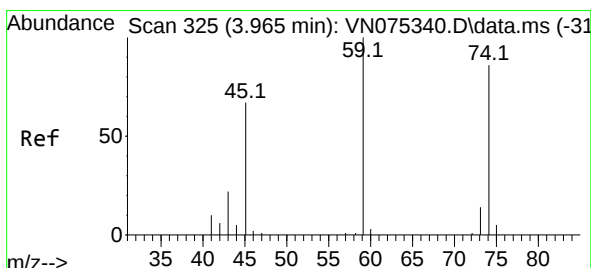
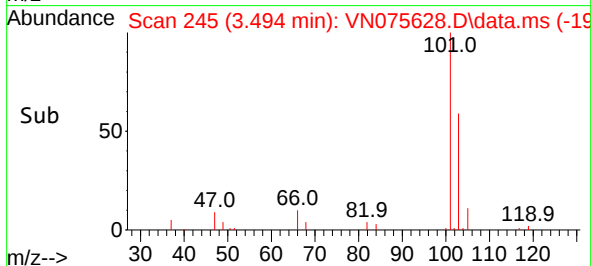
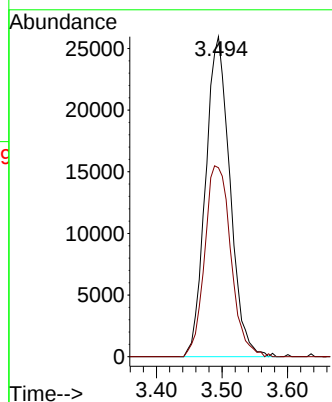
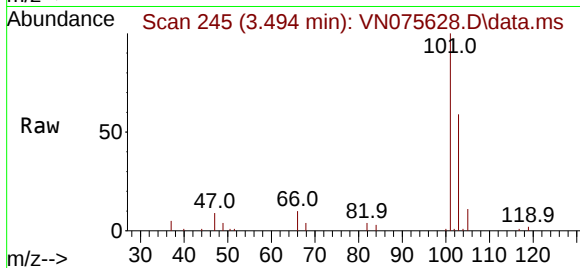
#7
Trichlorofluoromethane
Concen: 21.053 ug/l
RT: 3.494 min Scan# 246
Delta R.T. -0.007 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion:101 Resp: 6709
Ion Ratio Lower Upper
101 100
103 59.0 50.5 75.7

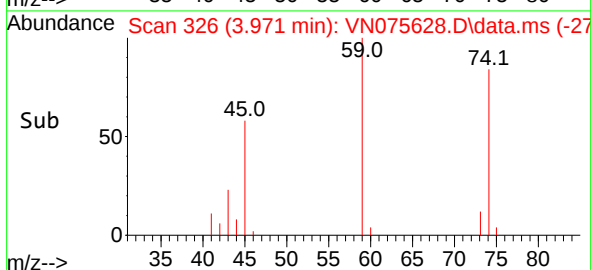
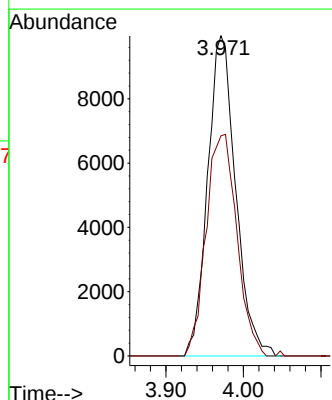
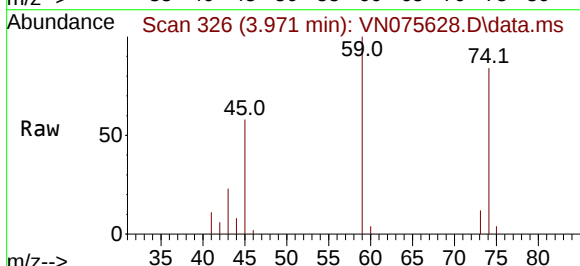
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#8
Diethyl Ether
Concen: 22.406 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075628.D
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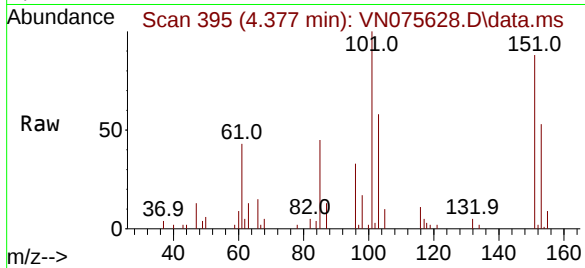
Tgt Ion: 74 Resp: 25027
Ion Ratio Lower Upper
74 100
45 75.9 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.310 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
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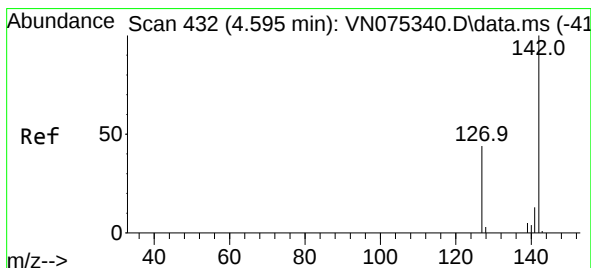
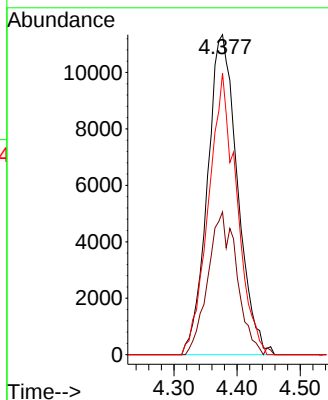
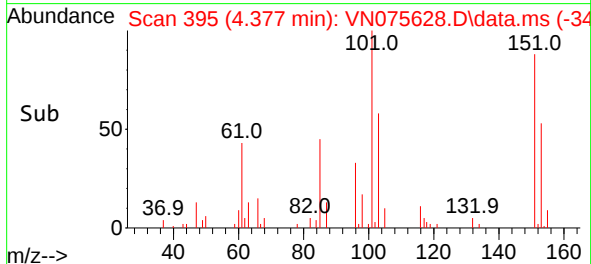
Instrument :
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ClientSampleId :
VN1207SBS02



Tgt Ion:101 Resp: 37492
Ion Ratio Lower Upper
101 100
85 42.9 37.6 56.4
151 82.6 58.3 87.5

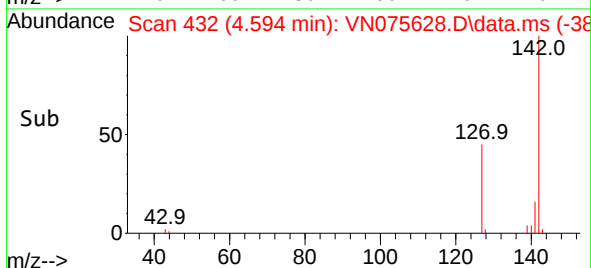
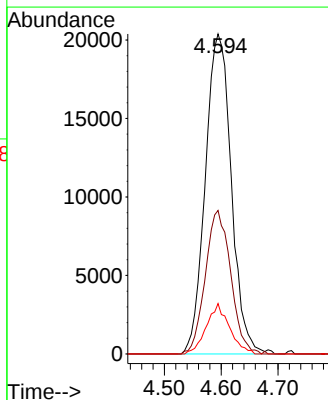
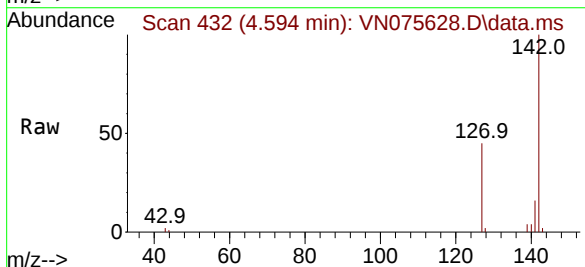
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 22.712 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion:142 Resp: 64749
Ion Ratio Lower Upper
142 100
127 43.8 38.0 57.0
141 14.0 12.2 18.4





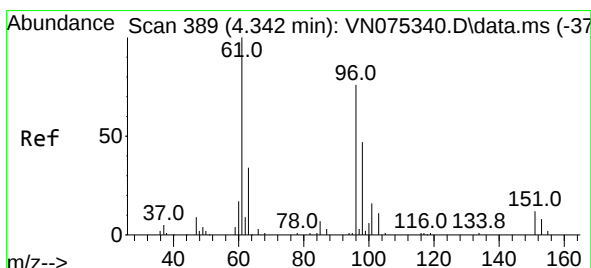
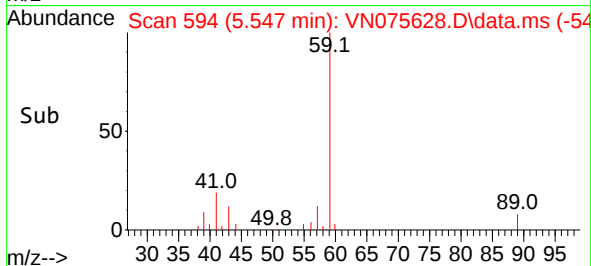
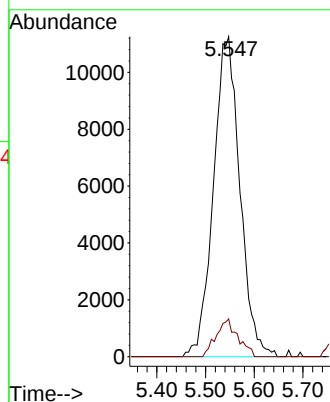
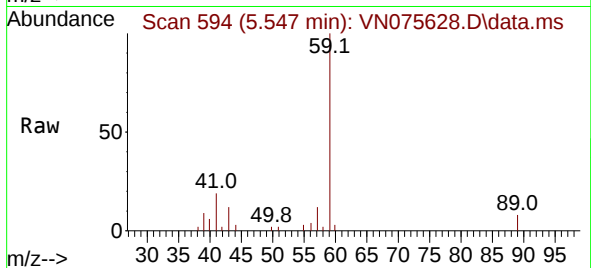
#11
Tert butyl alcohol
Concen: 101.162 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 59 Resp: 42408
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

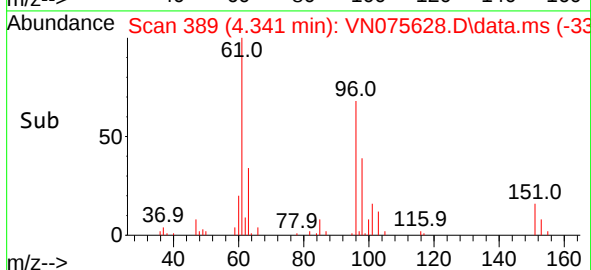
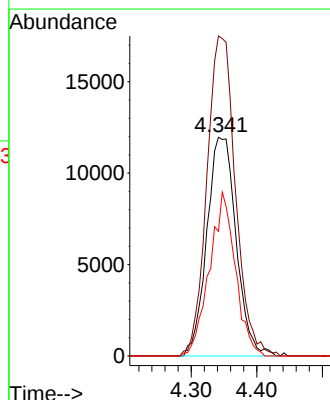
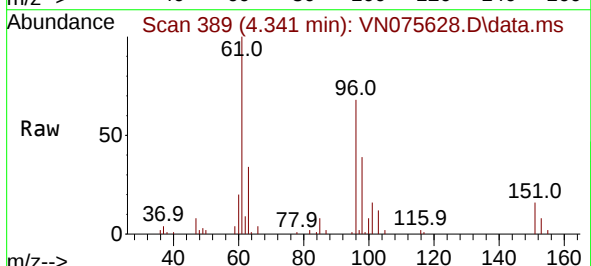
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 21.568 ug/l
RT: 4.341 min Scan# 389
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

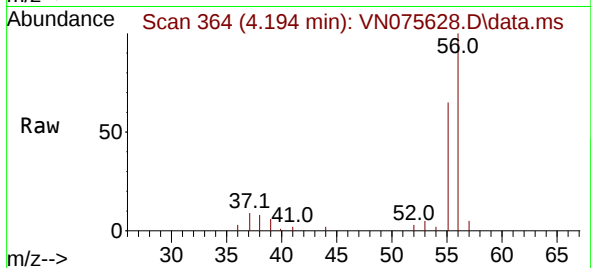
Tgt Ion: 96 Resp: 37158
Ion Ratio Lower Upper
96 100
61 146.3 126.2 189.4
98 57.0 51.5 77.3





#13
Acrolein
Concen: 98.784 ug/l
RT: 4.194 min Scan# 362
Delta R.T. 0.011 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

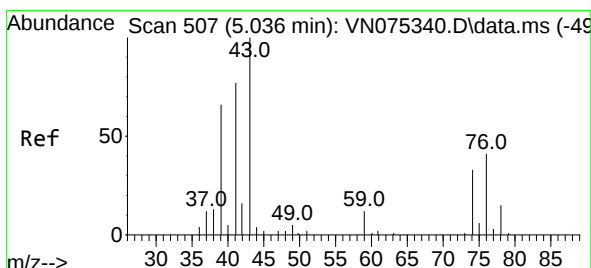
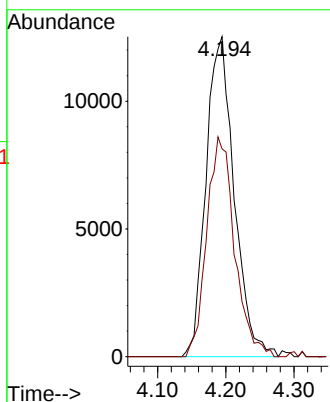
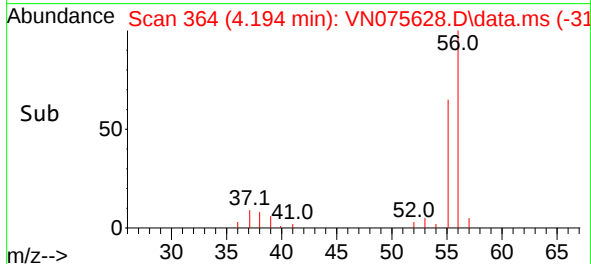
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



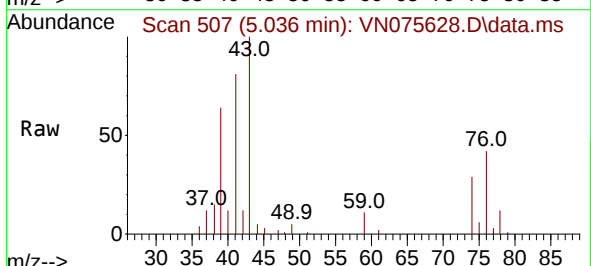
Tgt Ion: 56 Resp: 3607
Ion Ratio Lower Upper
56 100
55 67.7 55.2 82.8

Manual Integrations
APPROVED

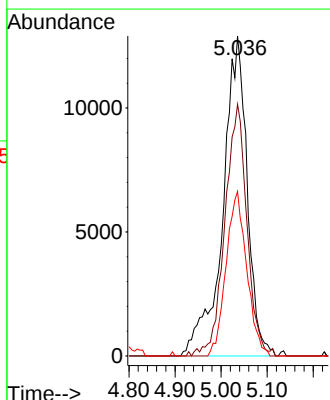
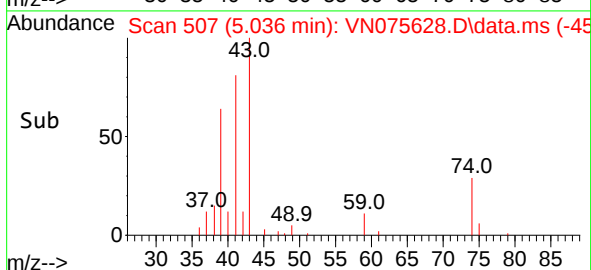
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

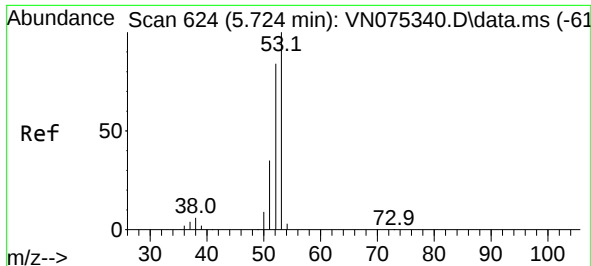


#14
Allyl chloride
Concen: 21.311 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



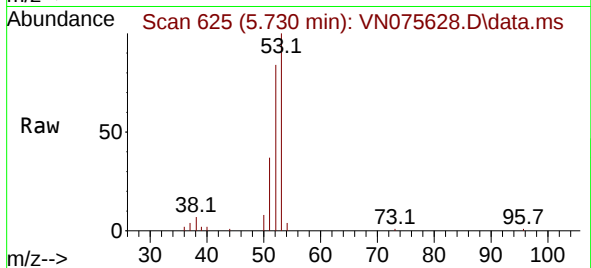
Tgt Ion: 41 Resp: 47490
Ion Ratio Lower Upper
41 100
39 71.1 61.0 91.4
76 43.5 33.4 50.0





#15
Acrylonitrile
Concen: 99.881 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

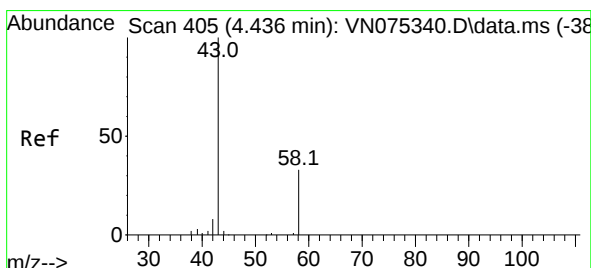
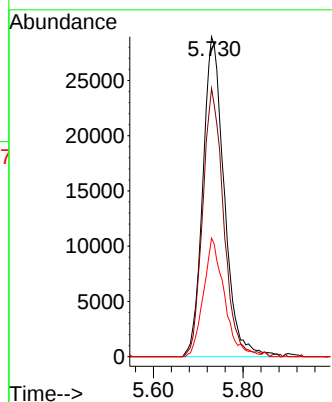
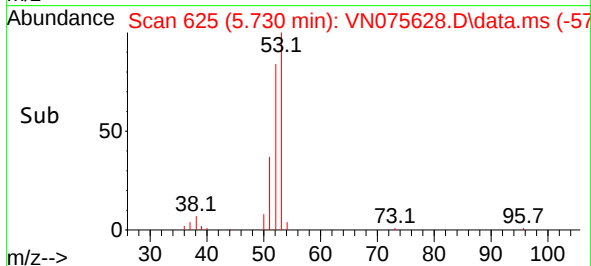
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



Tgt Ion: 53 Resp: 96064
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 36.2 29.6 44.4

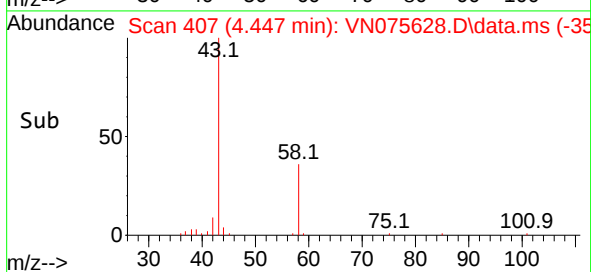
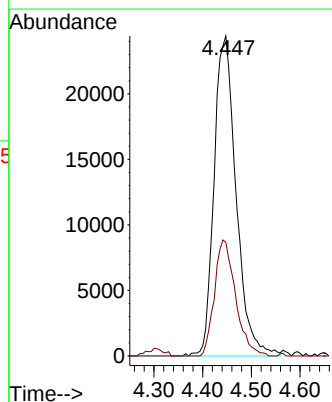
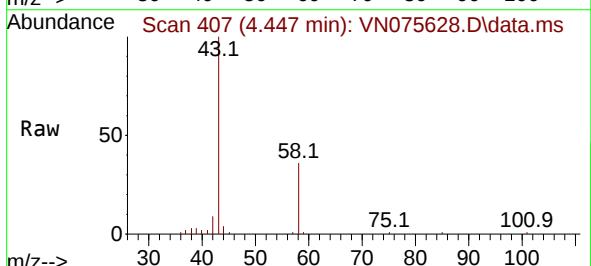
Manual Integrations
APPROVED

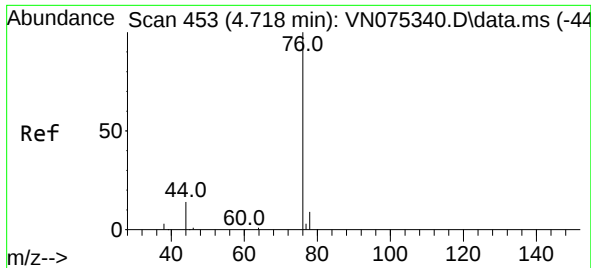
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 82.340 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 43 Resp: 76697
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





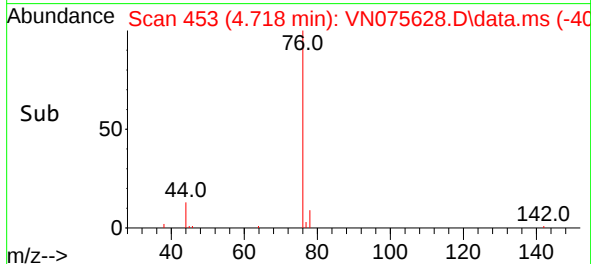
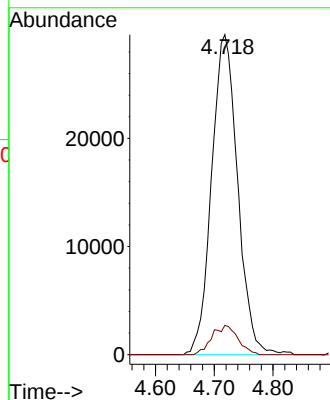
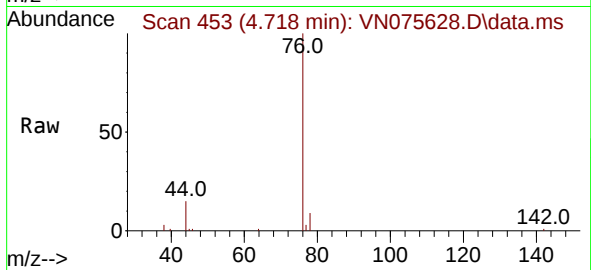
#17
Carbon Disulfide
Concen: 20.320 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 76 Resp: 9097
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

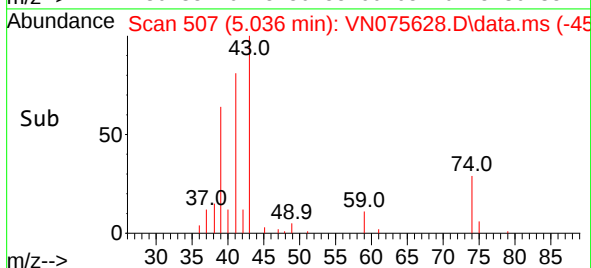
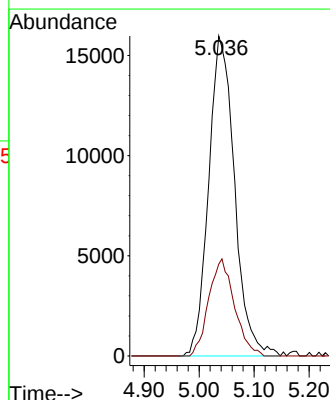
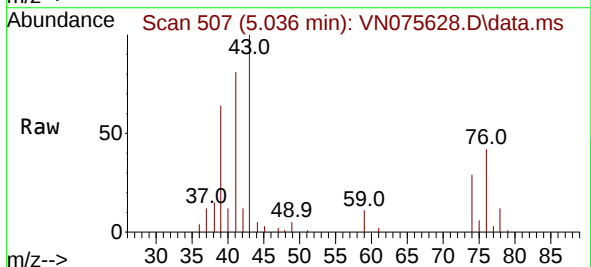
Manual Integrations
APPROVED

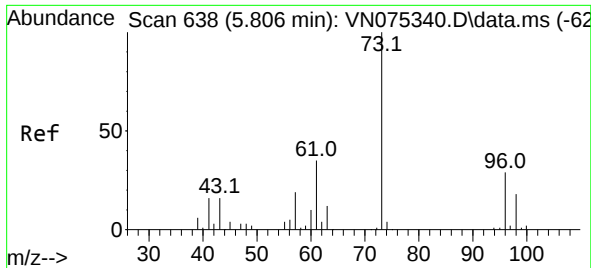
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl Acetate
Concen: 21.495 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 43 Resp: 52209
Ion Ratio Lower Upper
43 100
74 30.2 22.0 33.0





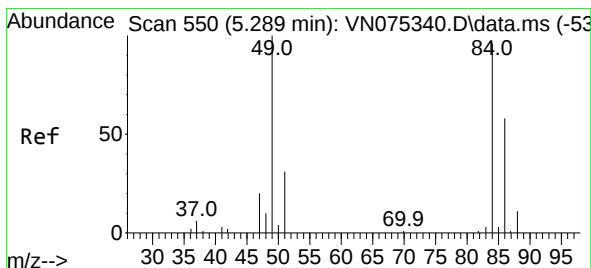
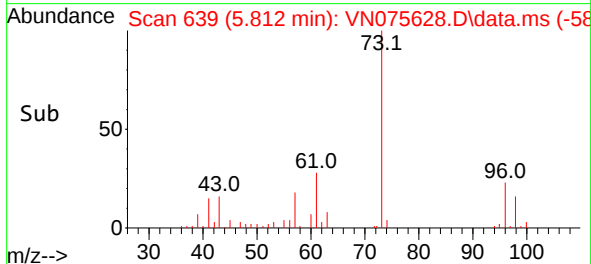
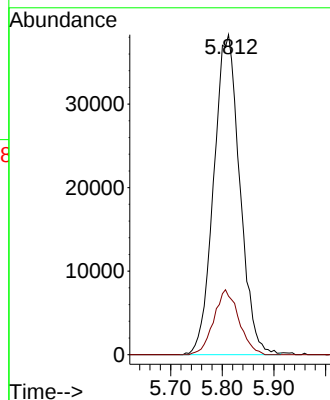
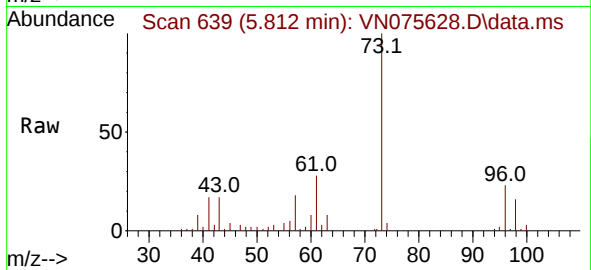
#19
Methyl tert-butyl Ether
Concen: 21.969 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 73 Resp: 134070
Ion Ratio Lower Upper
73 100
57 18.3 16.3 24.5

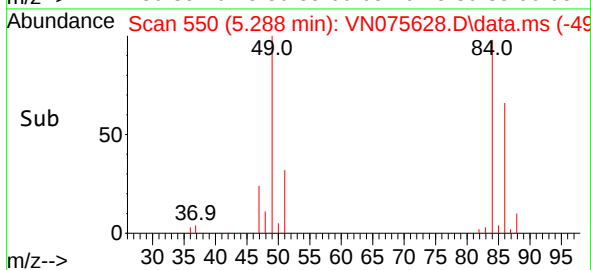
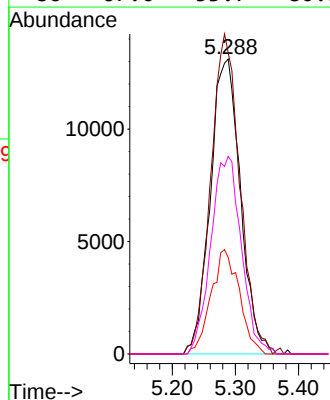
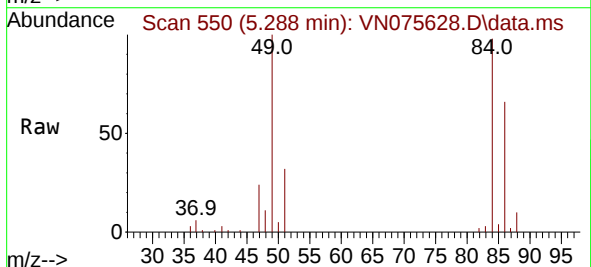
Manual Integrations
APPROVED

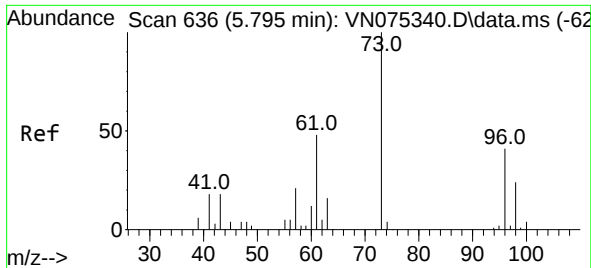
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 22.357 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 84 Resp: 43564
Ion Ratio Lower Upper
84 100
49 102.1 94.9 142.3
51 32.8 26.8 40.2
86 67.0 53.7 80.5





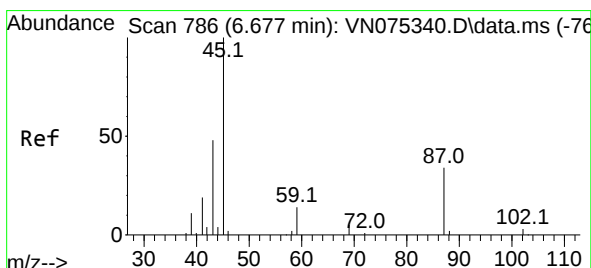
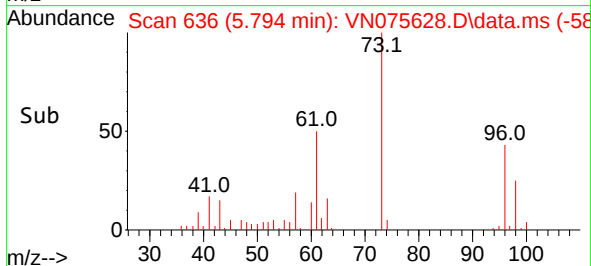
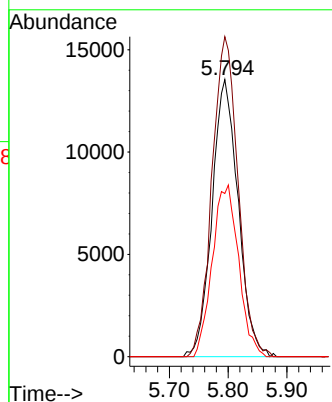
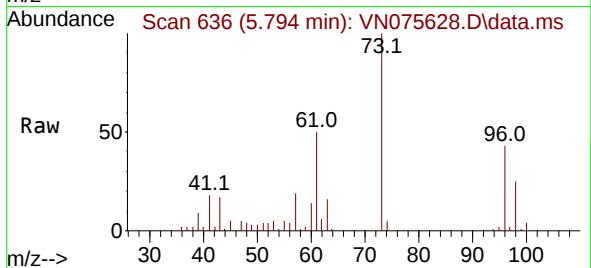
#21
trans-1,2-Dichloroethene
Concen: 21.259 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 96 Resp: 41739
Ion Ratio Lower Upper
96 100
61 115.5 99.9 149.9
98 58.9 51.5 77.3

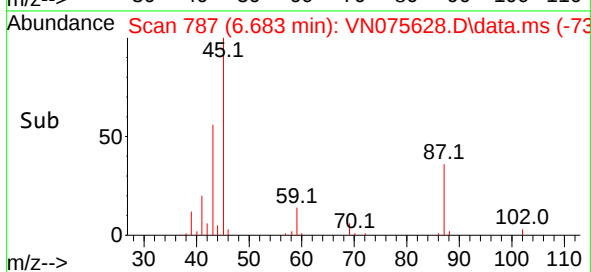
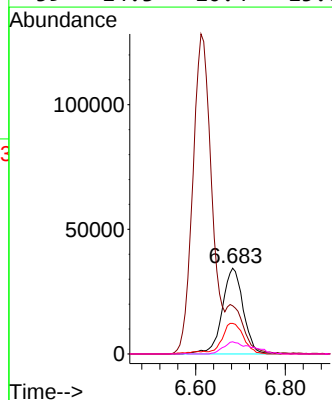
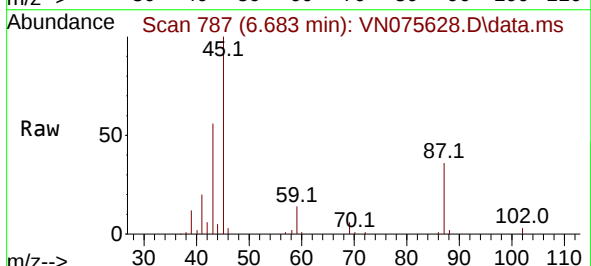
Manual Integrations
APPROVED

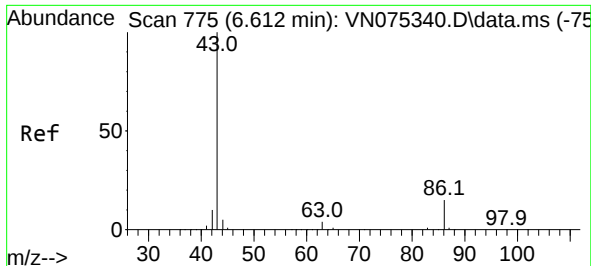
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 21.977 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 45 Resp: 111762
Ion Ratio Lower Upper
45 100
43 55.1 42.8 64.2
87 35.6 28.4 42.6
59 14.3 10.4 15.6





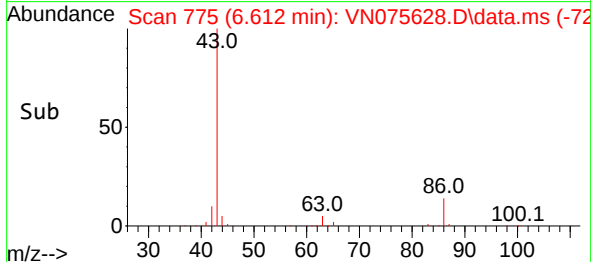
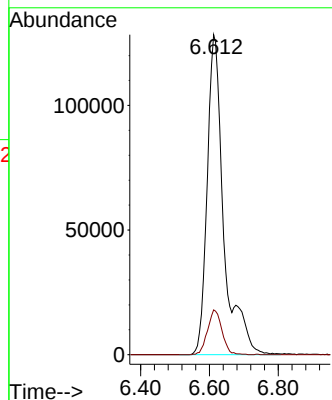
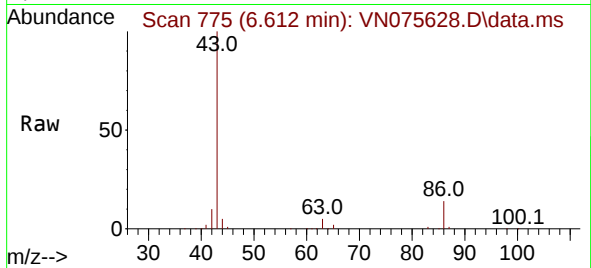
#23
 Vinyl Acetate
 Concen: 105.871 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075628.D
 Acq: 07 Dec 2022 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBSD02

Tgt Ion: 43 Resp: 428320
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

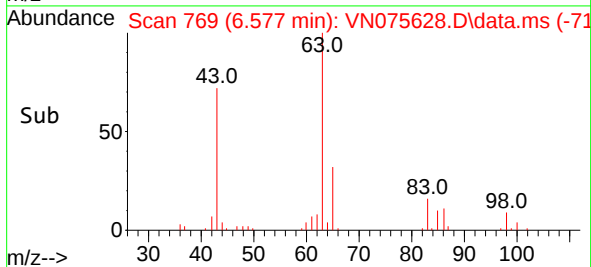
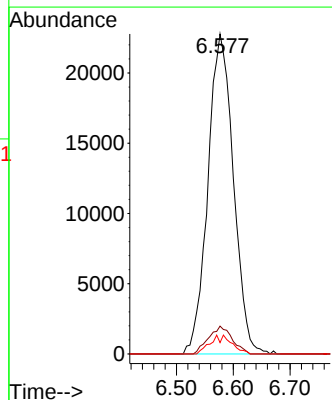
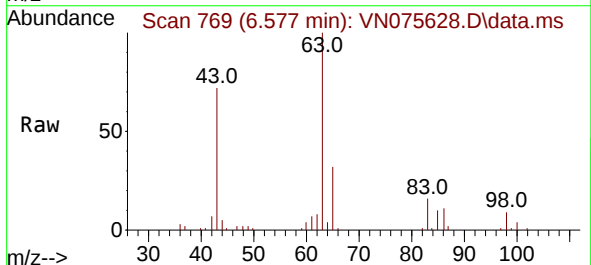
Manual Integrations
 APPROVED

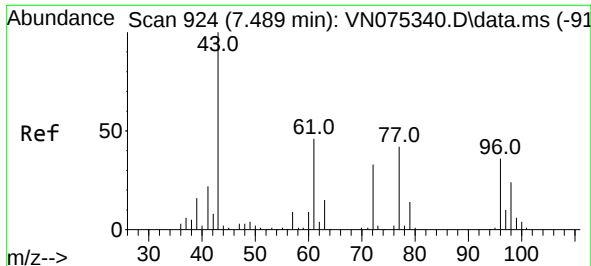
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 21.778 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075628.D
 Acq: 07 Dec 2022 23:56

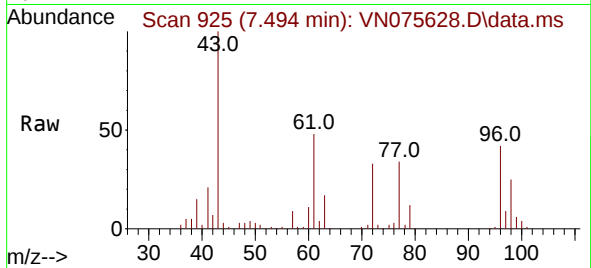
Tgt Ion: 63 Resp: 71086
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 3.5 2.4 7.2





#25
2-Butanone
Concen: 94.131 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

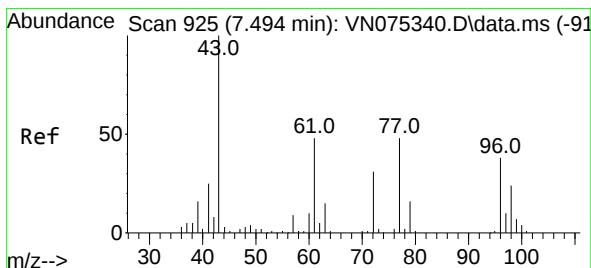
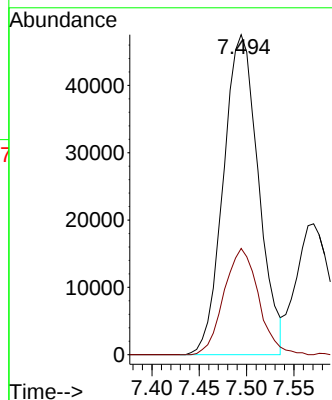
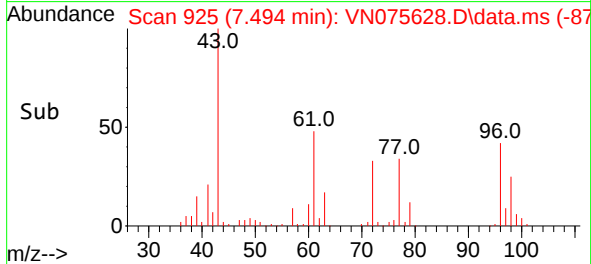
Instrument :
MSVOA_N
Client Sample Id :
VN1207SBSD02



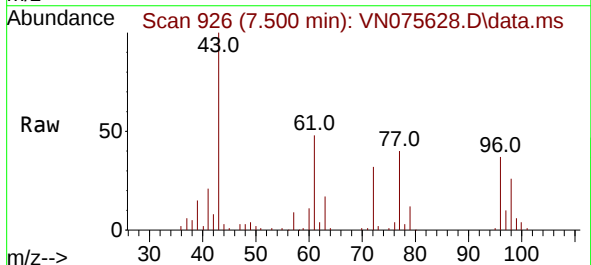
Tgt Ion: 43 Resp: 12241
Ion Ratio Lower Upper
43 100
72 33.2 25.5 38.3

Manual Integrations
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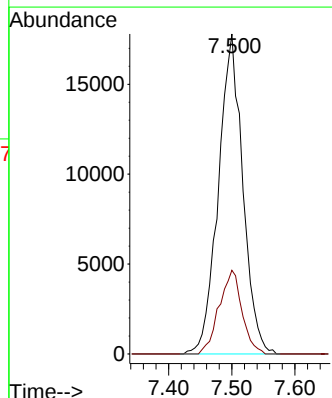
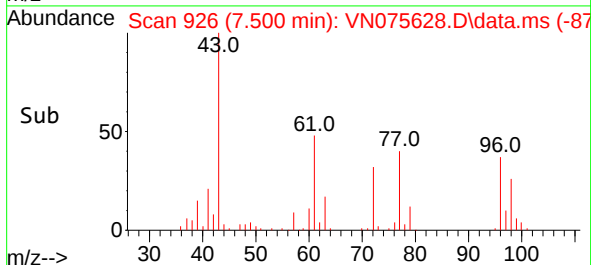
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

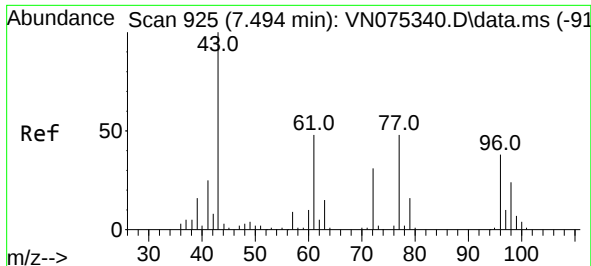


#26
2,2-Dichloropropane
Concen: 15.729 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



Tgt Ion: 77 Resp: 47717
Ion Ratio Lower Upper
77 100
97 24.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 22.266 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075628.D

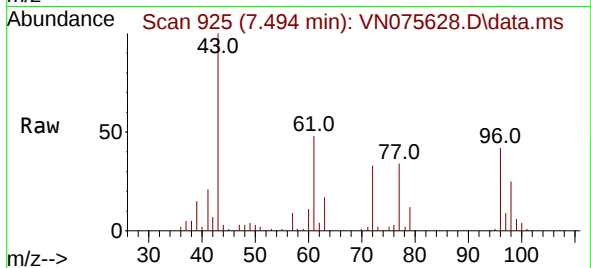
Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02



Tgt Ion: 96 Resp: 4943

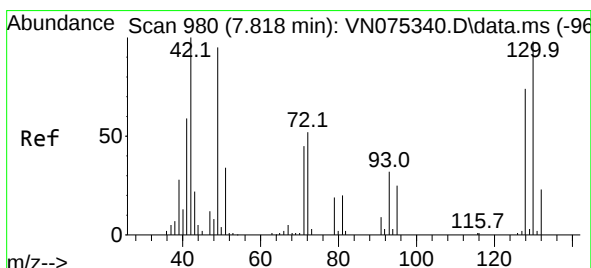
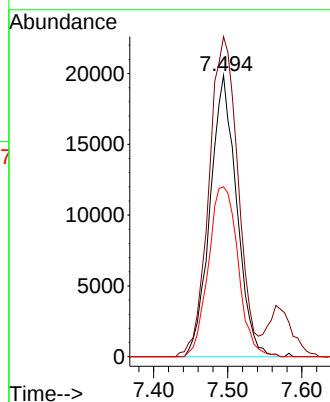
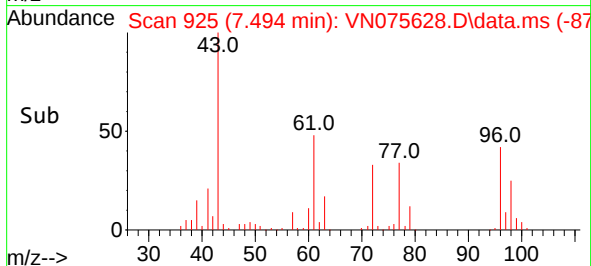
Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	278.8
98	67.4	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#28

Bromochloromethane

Concen: 20.994 ug/l

RT: 7.818 min Scan# 980

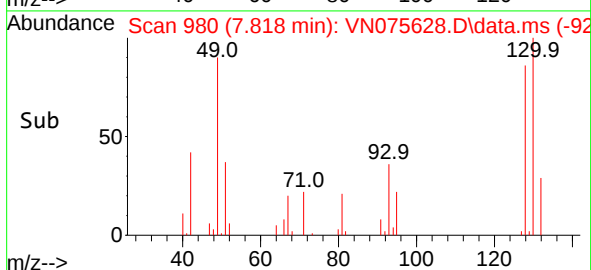
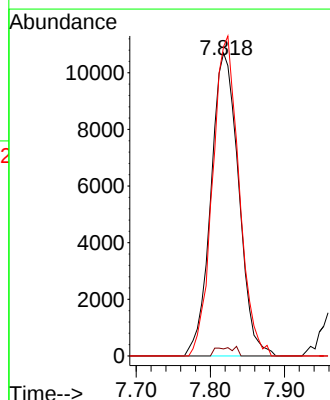
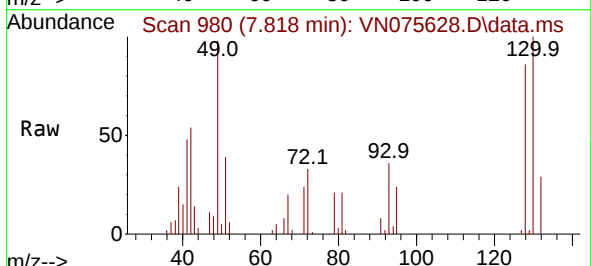
Delta R.T. -0.000 min

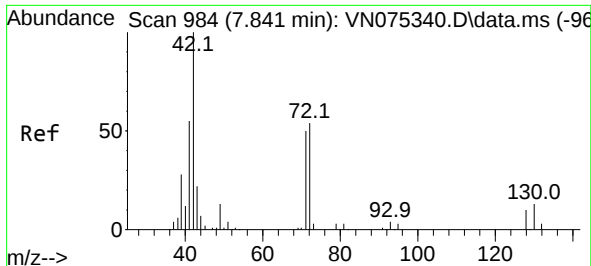
Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Tgt Ion: 49 Resp: 27817

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.6
130	100.5	66.2	99.4





#29

Tetrahydrofuran

Concen: 100.664 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

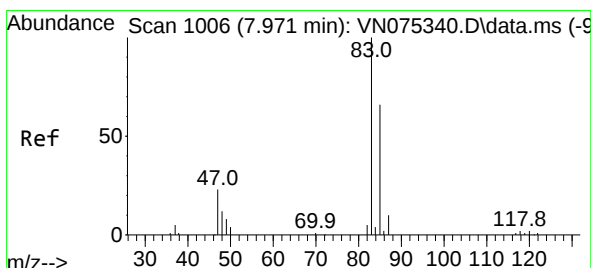
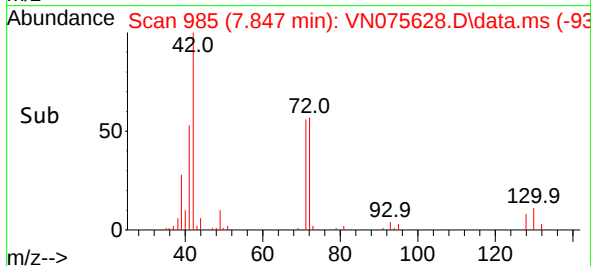
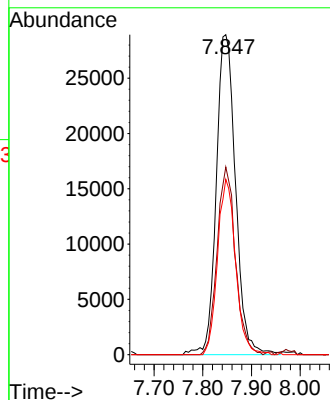
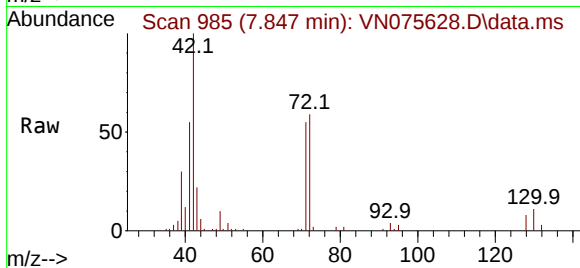
Tgt Ion:	42	Resp:	7962
Ion Ratio	Lower	Upper	
42	100		
72	55.5	43.0	64.6
71	51.3	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

Chloroform

Concen: 21.042 ug/l

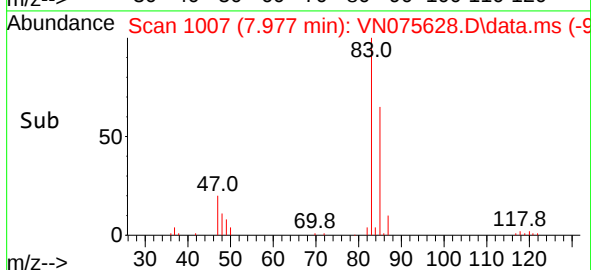
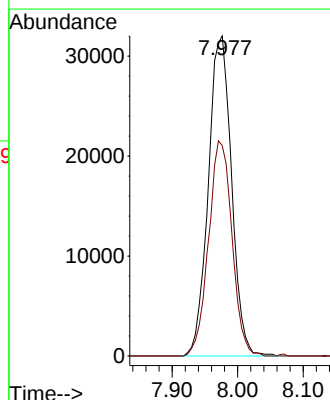
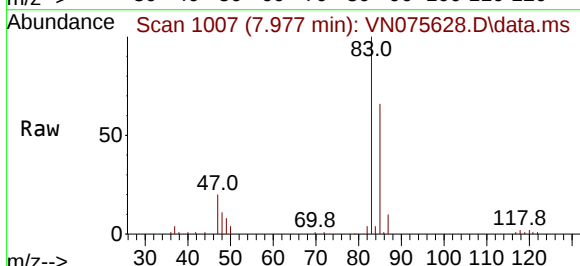
RT: 7.977 min Scan# 1007

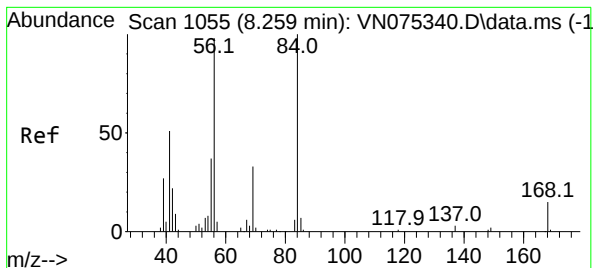
Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Tgt Ion:	83	Resp:	78875
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.4	77.0





#31

Cyclohexane

Concen: 19.009 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075628.D

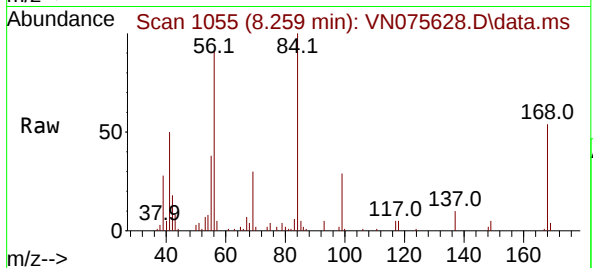
Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02



Tgt Ion: 56 Resp: 6031

Ion Ratio Lower Upper

56 100

69 33.4 25.2 37.8

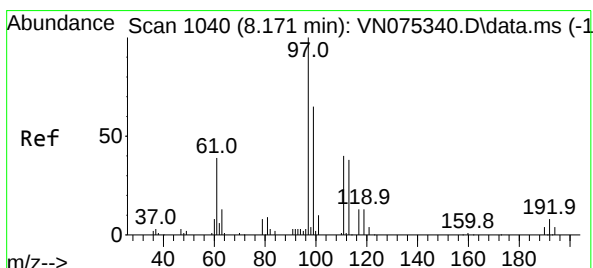
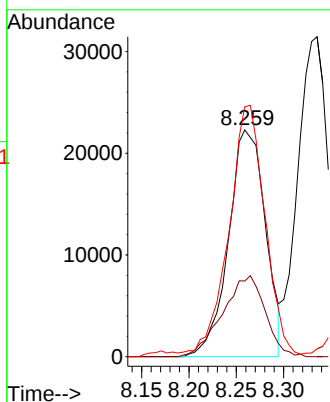
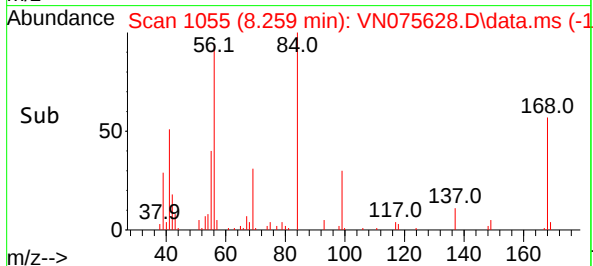
84 108.7 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#32

1,1,1-Trichloroethane

Concen: 21.039 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

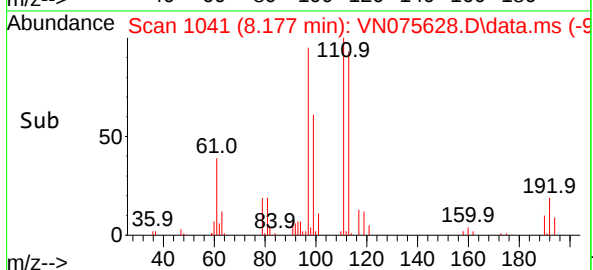
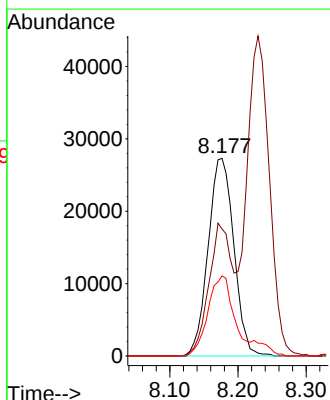
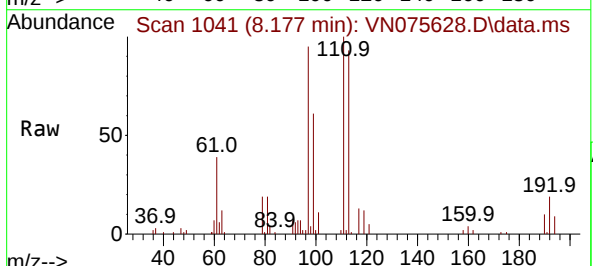
Tgt Ion: 97 Resp: 71606

Ion Ratio Lower Upper

97 100

99 58.7 50.2 75.2

61 45.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.331 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

Tgt Ion: 65 Resp: 51260

Ion Ratio Lower Upper

65 100

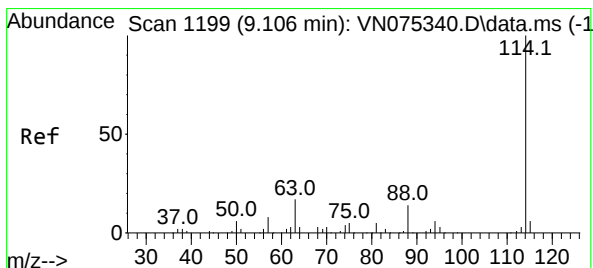
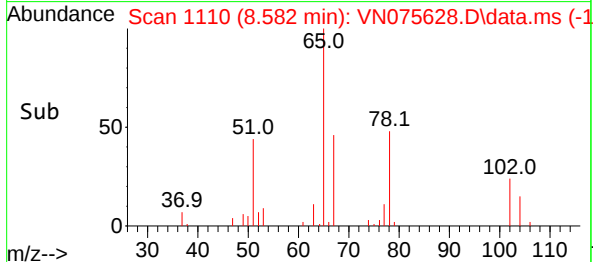
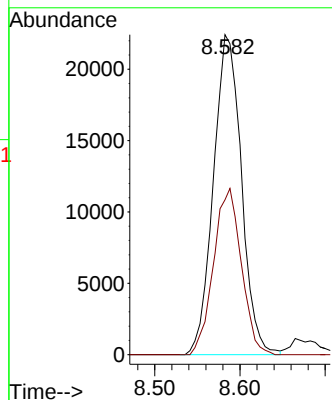
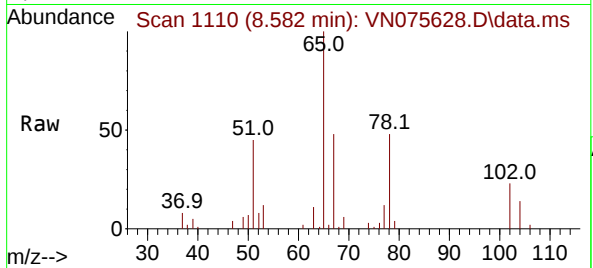
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

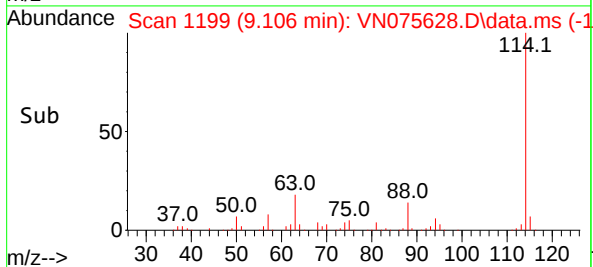
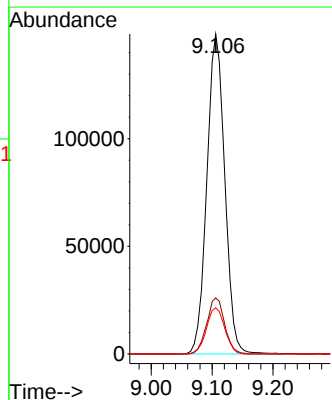
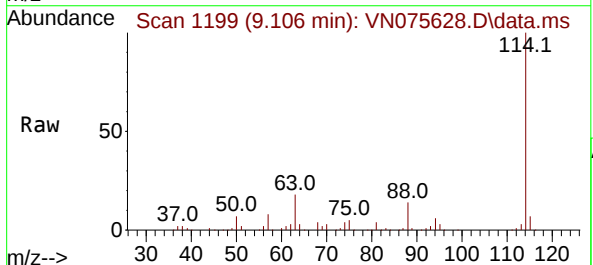
Tgt Ion:114 Resp: 304094

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.722 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

Tgt Ion: 113 Resp: 65370

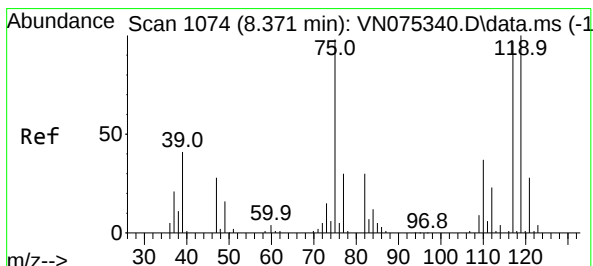
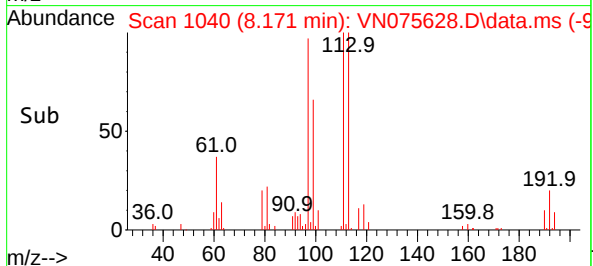
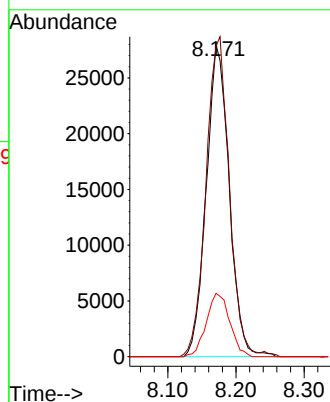
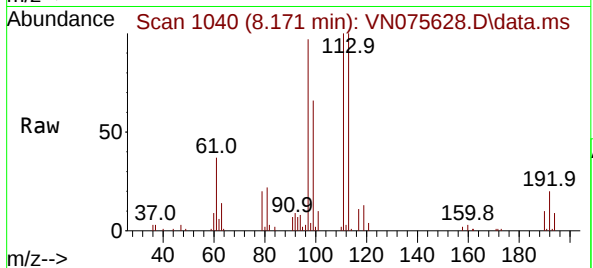
Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.5	120.7
192	20.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 21.304 ug/l

RT: 8.377 min Scan# 1075

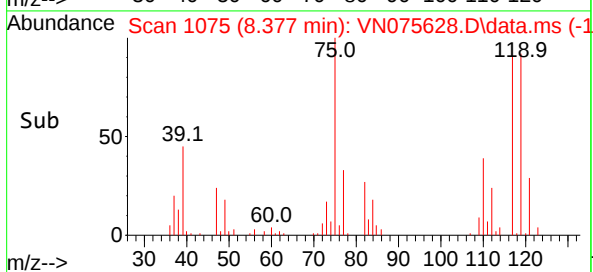
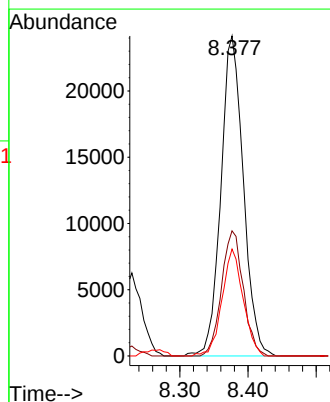
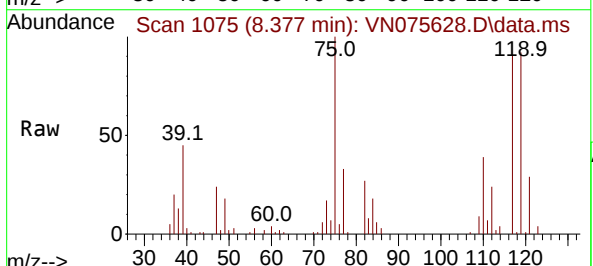
Delta R.T. 0.006 min

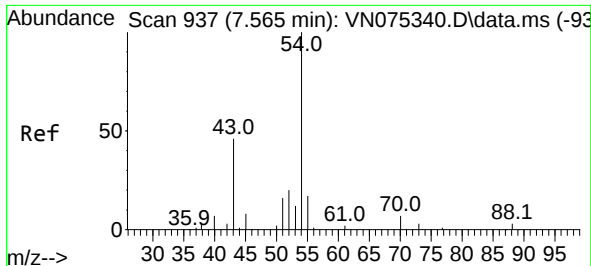
Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Tgt Ion: 75 Resp: 55498

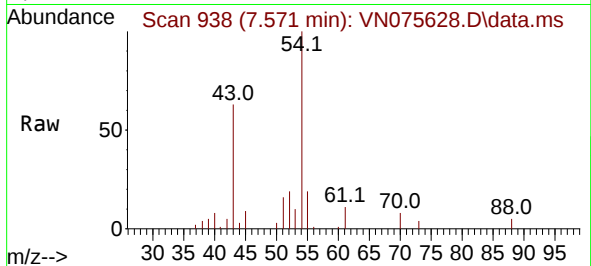
Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.8	53.3
77	31.3	24.6	37.0





#37
Ethyl Acetate
Concen: 21.296 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

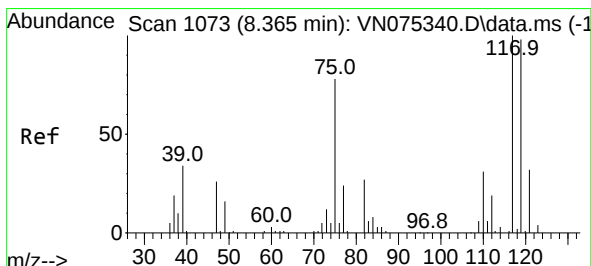
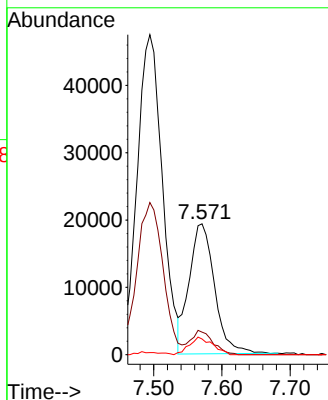
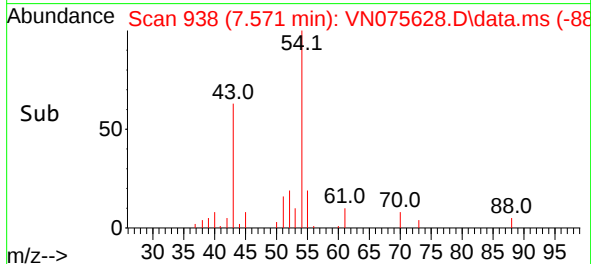
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



Tgt Ion: 43 Resp: 49954
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.4
70 12.2 9.4 14.2

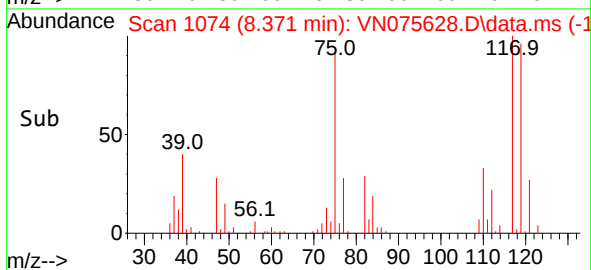
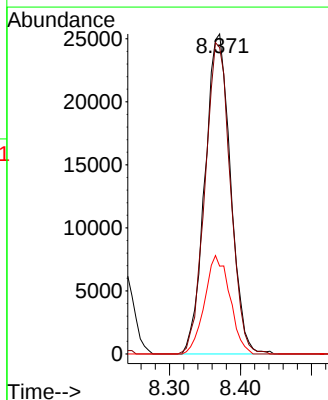
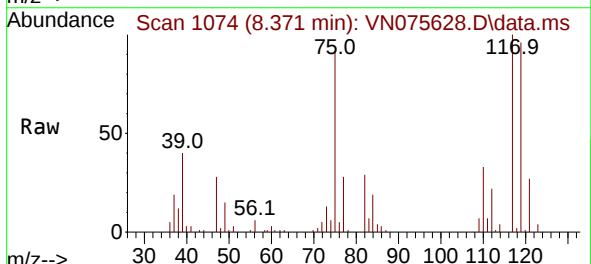
Manual Integrations
APPROVED

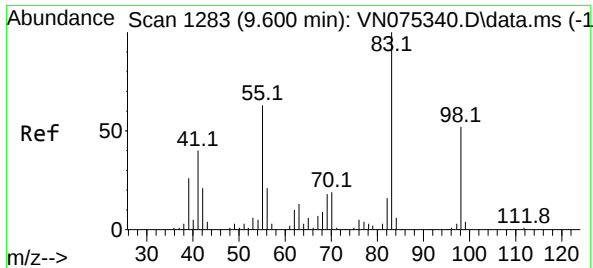
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#38
Carbon Tetrachloride
Concen: 22.193 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion:117 Resp: 63511
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 27.4 23.9 35.9





#39

Methylcyclohexane

Concen: 20.487 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 83 Resp: 66790

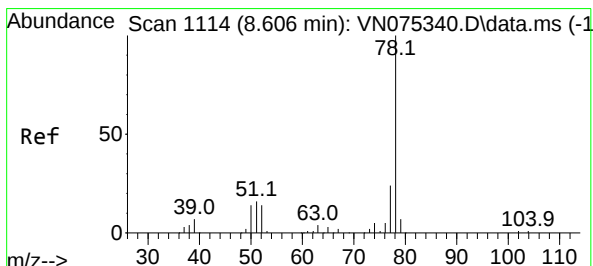
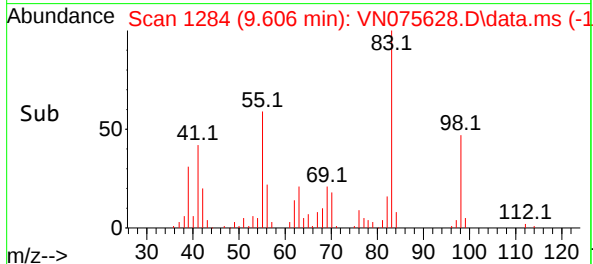
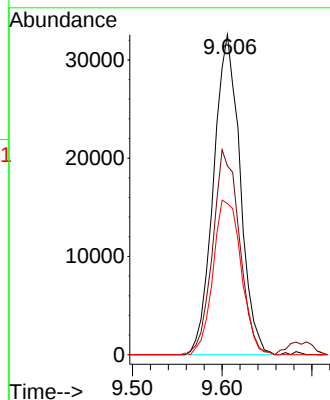
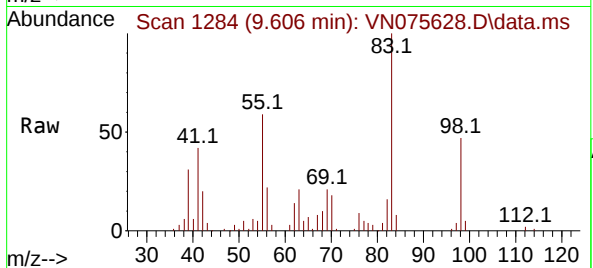
Ion	Ratio	Lower	Upper
83	100		
55	59.0	53.6	80.4
98	47.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

Benzene

Concen: 21.856 ug/l

RT: 8.612 min Scan# 1115

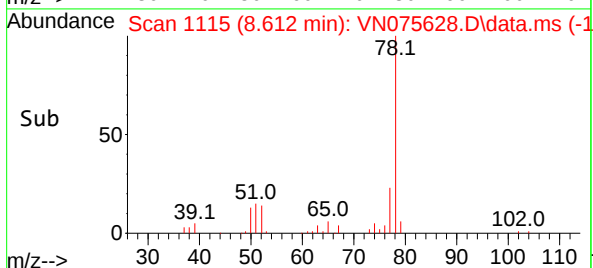
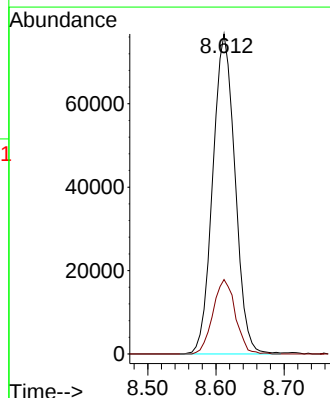
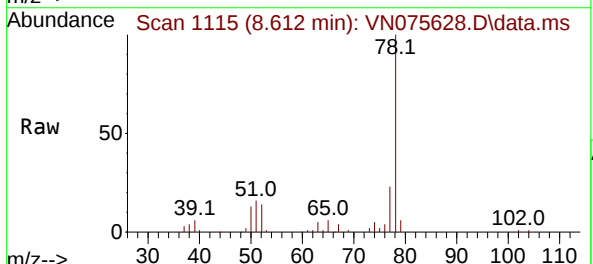
Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Tgt Ion: 78 Resp: 174326

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 21.073 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

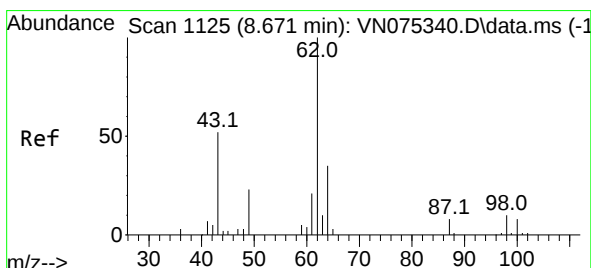
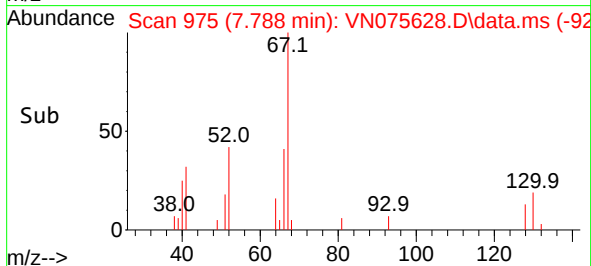
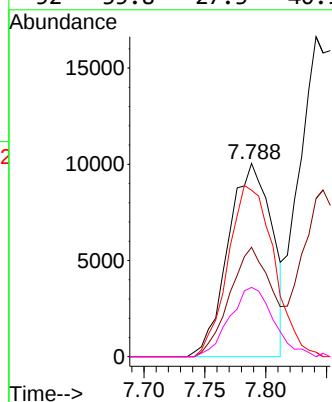
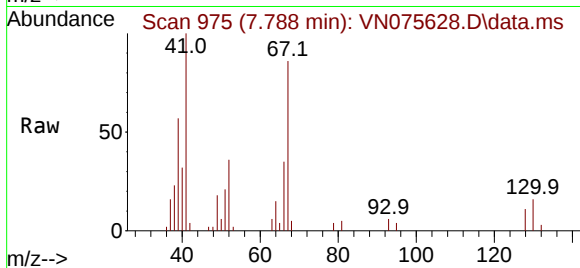
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 41 Resp: 2527

Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.4	66.6
67	92.3	69.8	104.6
52	35.8	27.3	40.9

Manual Integrations
APPROVED

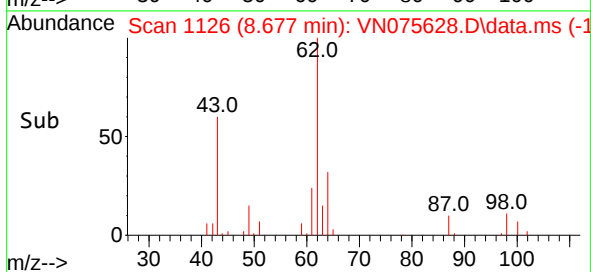
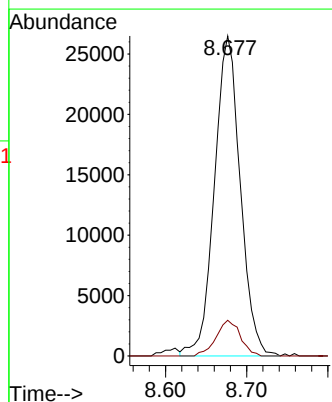
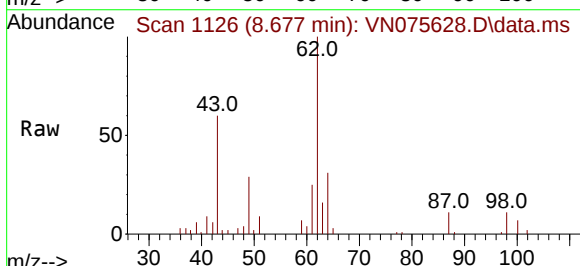
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

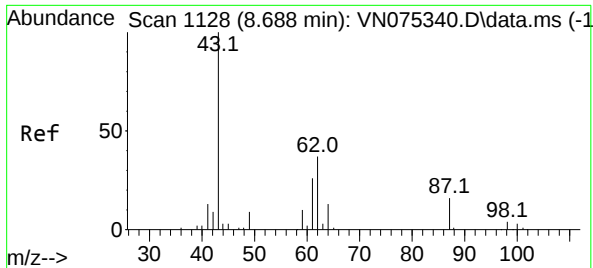


#42
1,2-Dichloroethane
Concen: 21.949 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 62 Resp: 58633

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.2





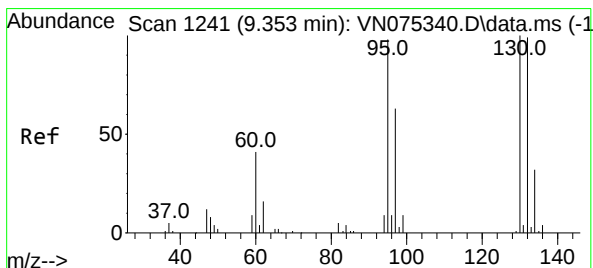
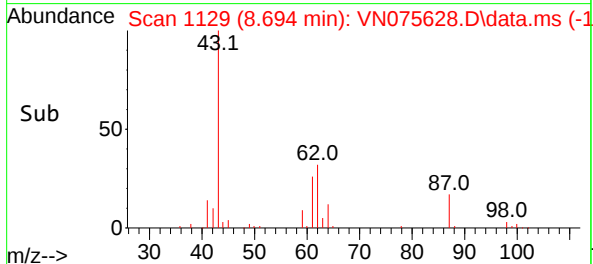
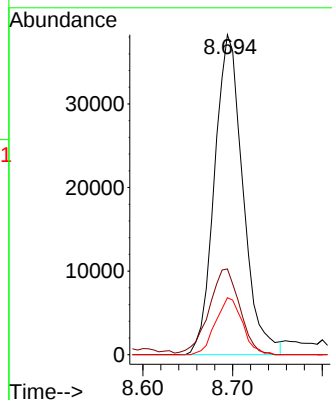
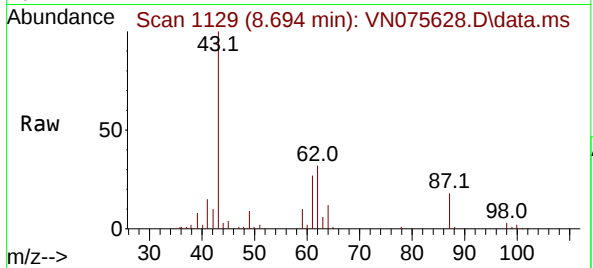
#43
Isopropyl Acetate
Concen: 22.440 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 43 Resp: 84489
Ion Ratio Lower Upper
43 100
61 29.0 22.4 33.6
87 16.8 12.5 18.7

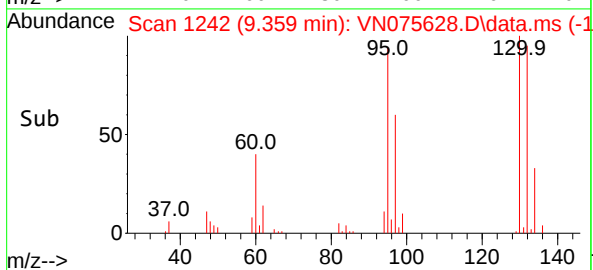
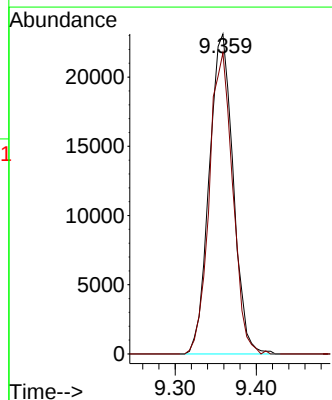
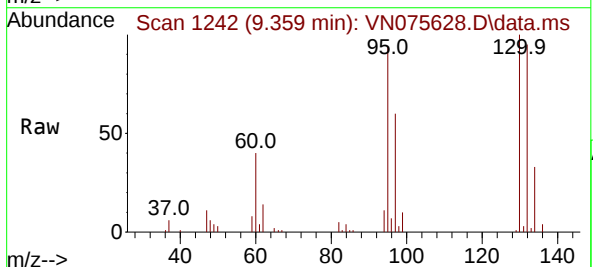
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#44
Trichloroethene
Concen: 21.767 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion:130 Resp: 47506
Ion Ratio Lower Upper
130 100
95 94.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 22.302 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.005 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

Tgt Ion: 63 Resp: 42390

Ion Ratio Lower Upper

63 100

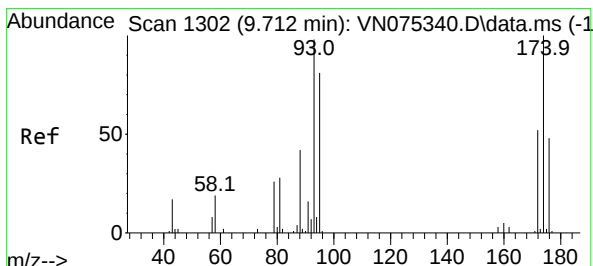
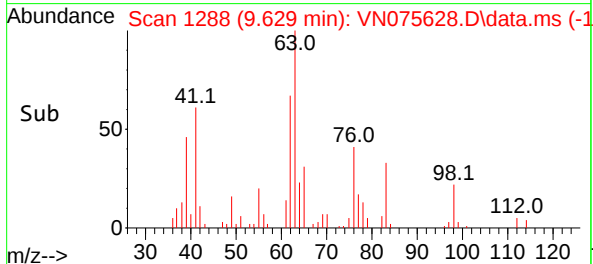
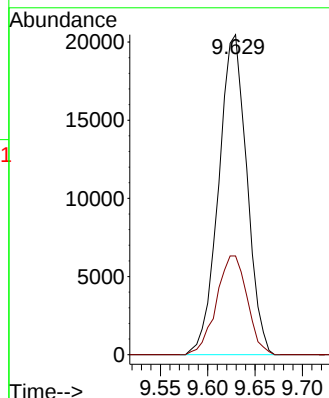
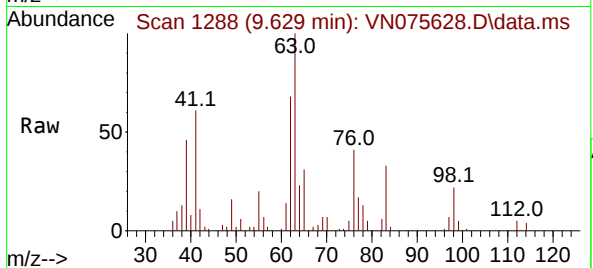
65 30.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 22.154 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

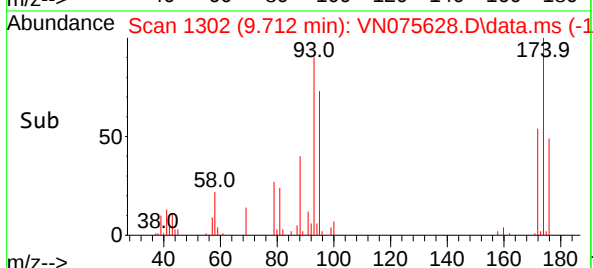
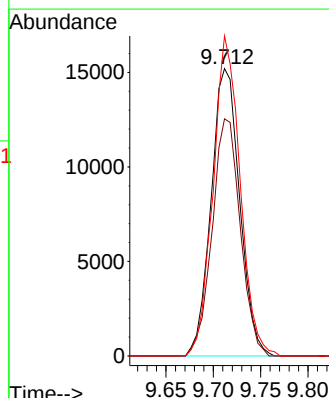
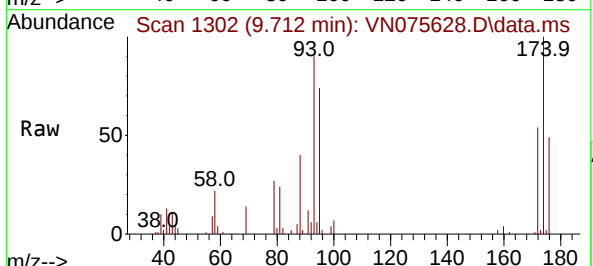
Tgt Ion: 93 Resp: 31850

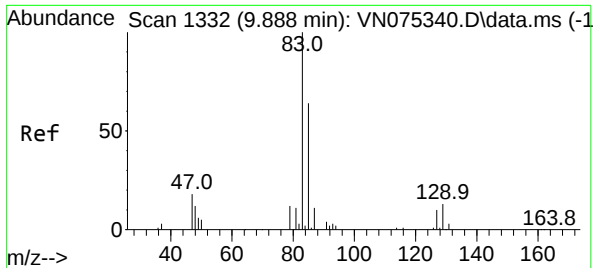
Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 105.6 70.3 105.5





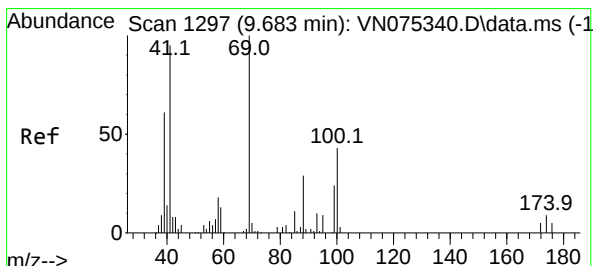
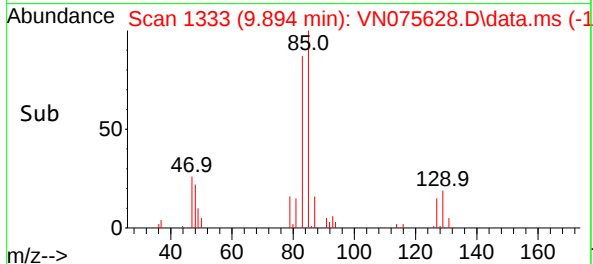
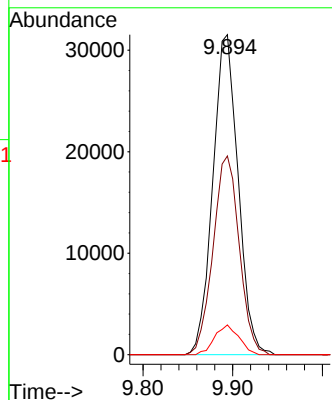
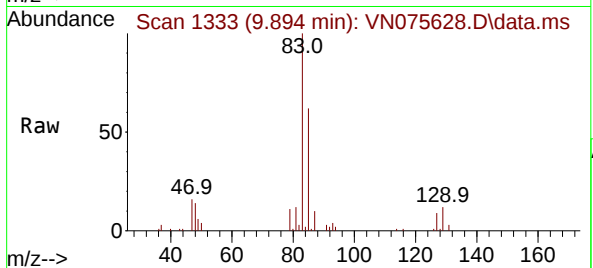
#47
Bromodichloromethane
Concen: 22.176 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 83 Resp: 6174
Ion Ratio Lower Upper
83 100
85 62.1 52.1 78.1
127 9.3 6.6 10.0

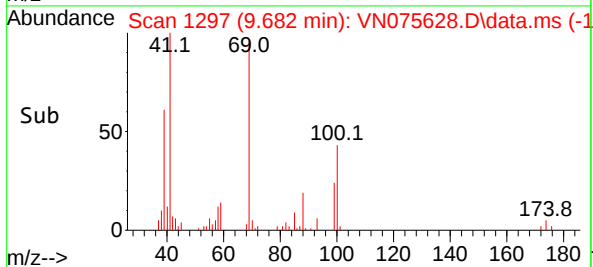
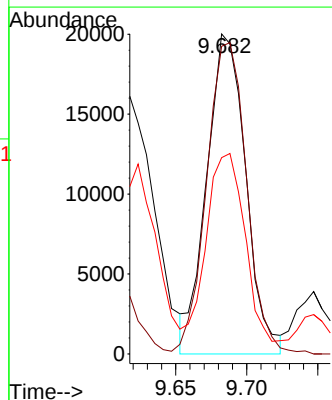
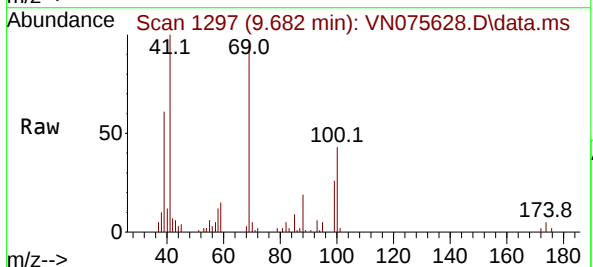
Manual Integrations
APPROVED

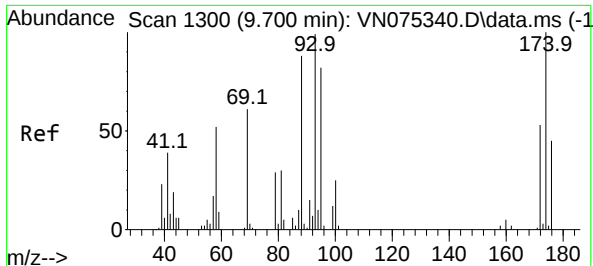
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#48
Methyl methacrylate
Concen: 21.998 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 41 Resp: 38299
Ion Ratio Lower Upper
41 100
69 99.5 80.2 120.2
39 65.0 56.2 84.2





#49

1,4-Dioxane

Concen: 422.645 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

Tgt Ion: 88 Resp: 20894

Ion Ratio Lower Upper

88 100

43 22.9 17.5 26.3

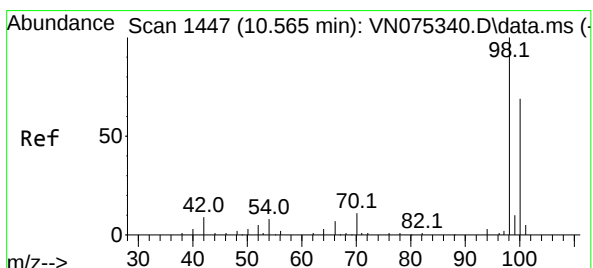
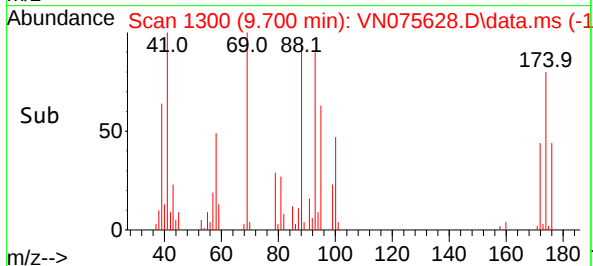
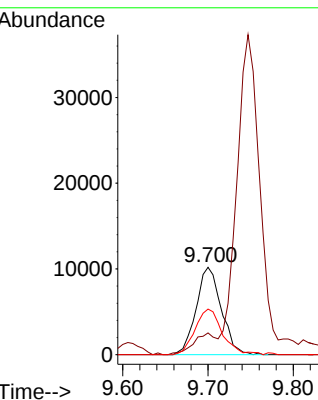
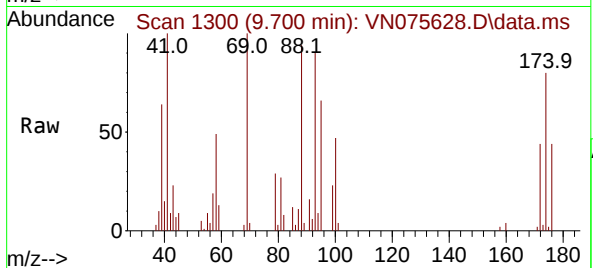
58 56.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 52.552 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075628.D

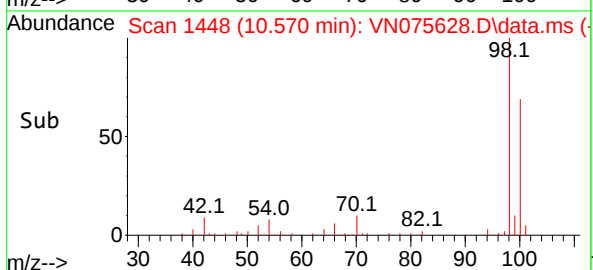
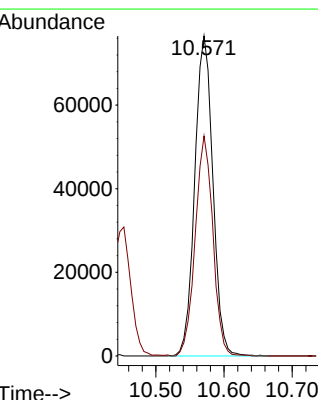
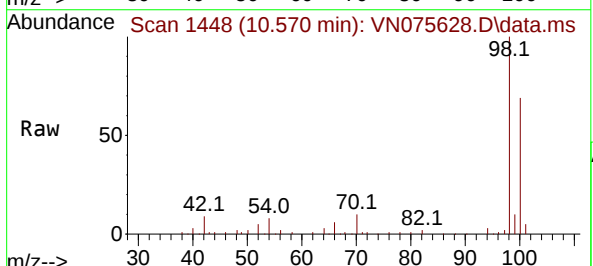
Acq: 07 Dec 2022 23:56

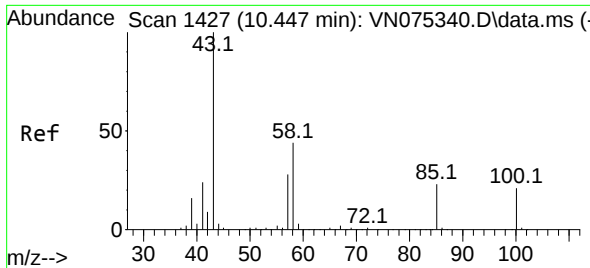
Tgt Ion: 98 Resp: 141392

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6





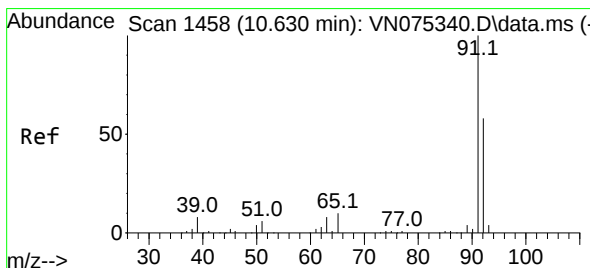
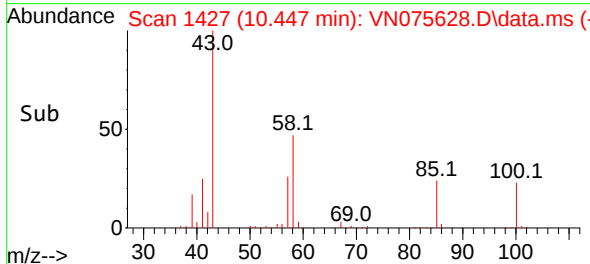
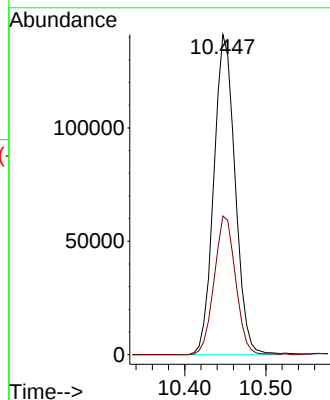
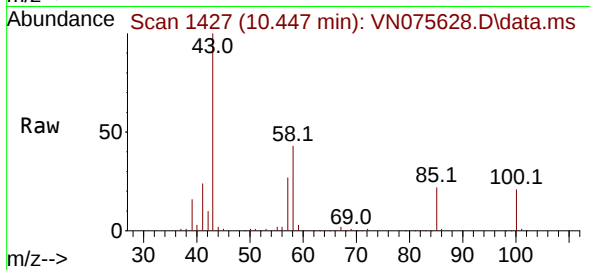
#51
4-Methyl-2-Pentanone
Concen: 107.504 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 43 Resp: 25780
Ion Ratio Lower Upper
43 100
58 43.5 33.6 50.4

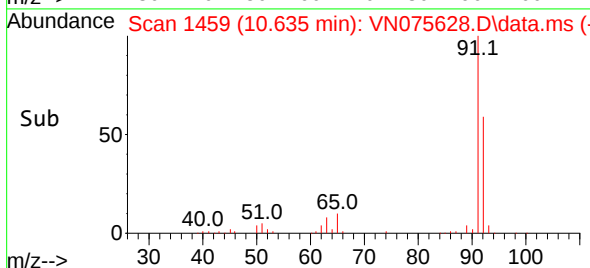
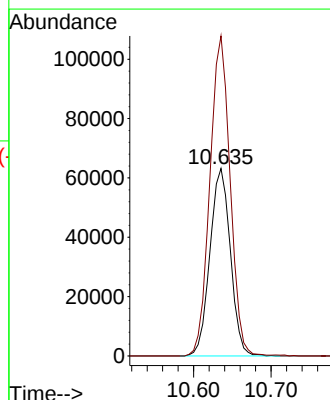
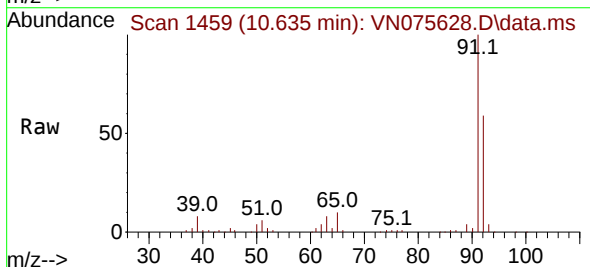
Manual Integrations
APPROVED

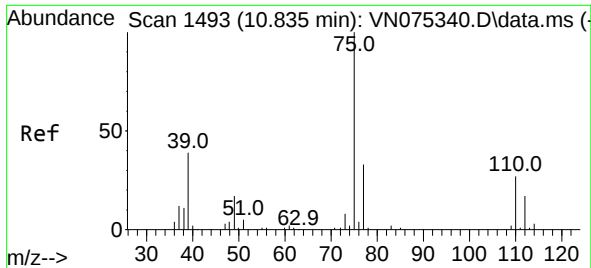
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 22.502 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 92 Resp: 115657
Ion Ratio Lower Upper
92 100
91 169.0 135.4 203.2





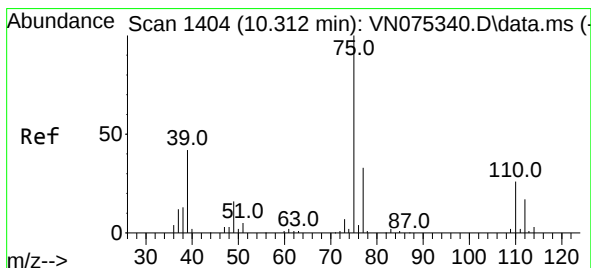
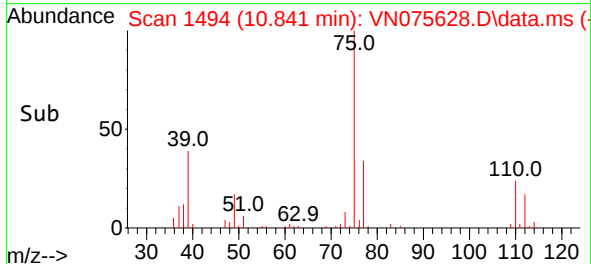
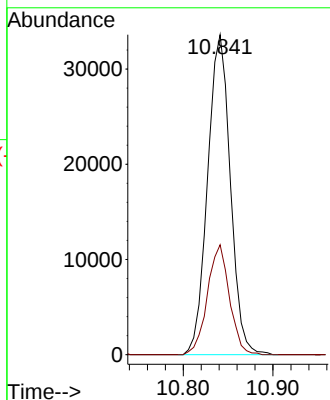
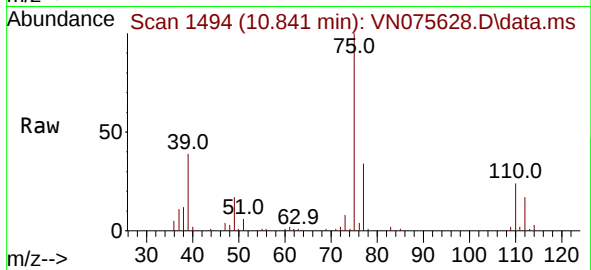
#53
t-1,3-Dichloropropene
Concen: 21.167 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBS02

Tgt Ion: 75 Resp: 59162
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.2

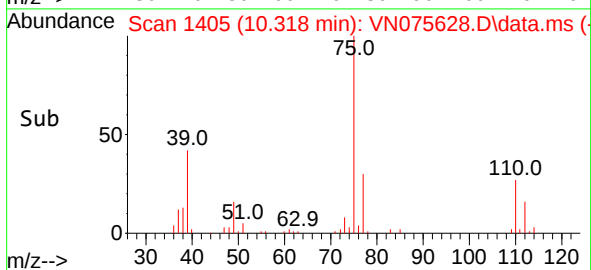
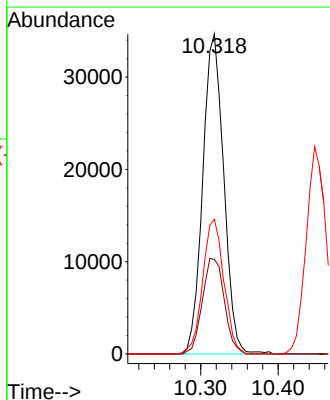
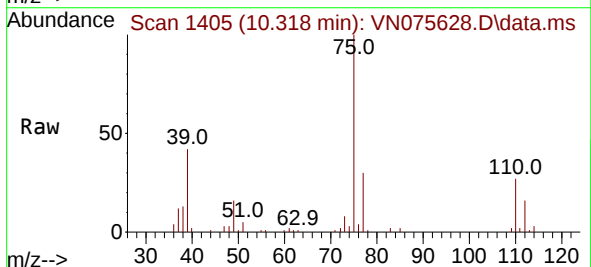
Manual Integrations
APPROVED

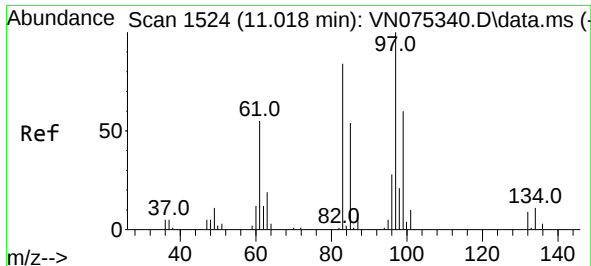
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#54
cis-1,3-Dichloropropene
Concen: 21.498 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

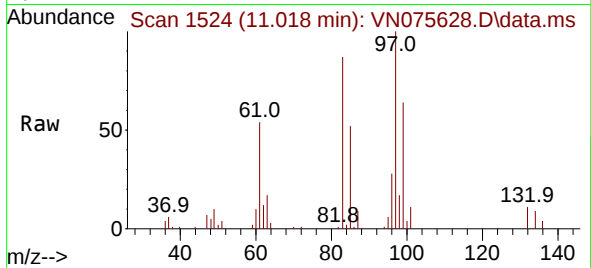
Tgt Ion: 75 Resp: 65260
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5
39 42.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.756 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

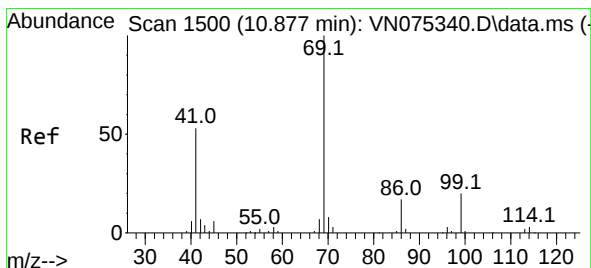
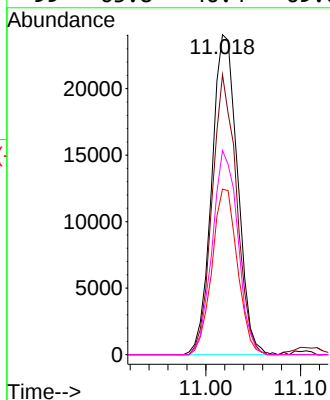
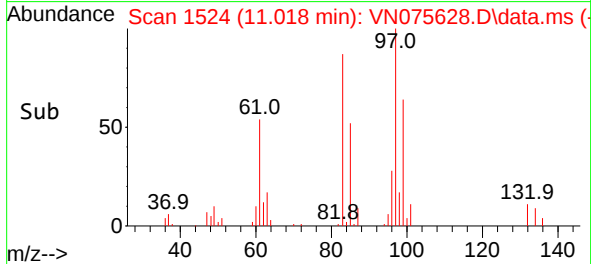
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



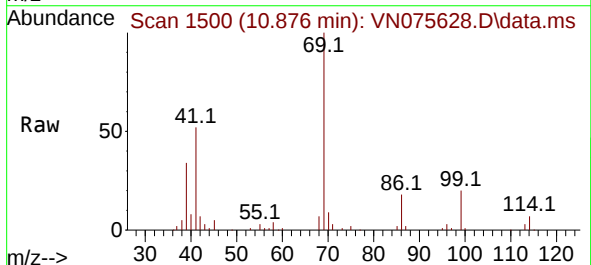
Tgt Ion:	97	Resp:	4554
Ion Ratio	100	Lower	Upper
97	100		
83	87.5	65.9	98.9
85	51.8	40.4	60.6
99	63.8	46.4	69.6

Manual Integrations
APPROVED

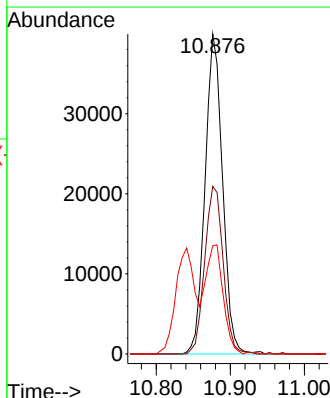
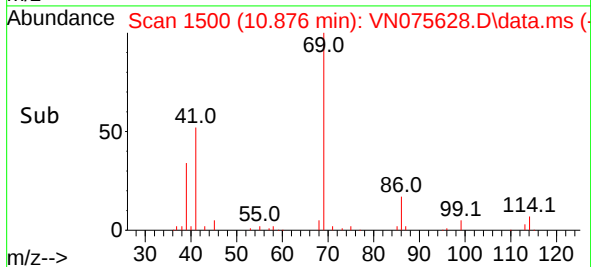
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

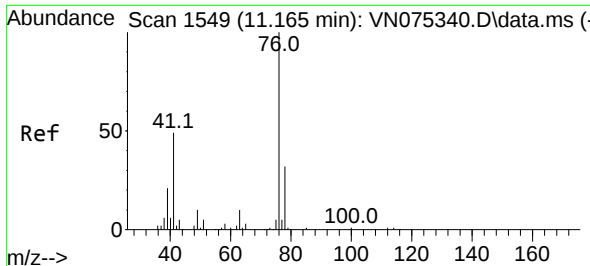


#56
Ethyl methacrylate
Concen: 23.172 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



Tgt Ion:	69	Resp:	65511
Ion Ratio	100	Lower	Upper
69	100		
41	55.2	45.6	68.4
39	34.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.803 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

Tgt Ion: 76 Resp: 7442

Ion Ratio Lower Upper

76 100

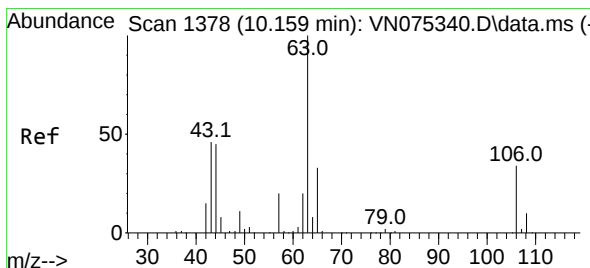
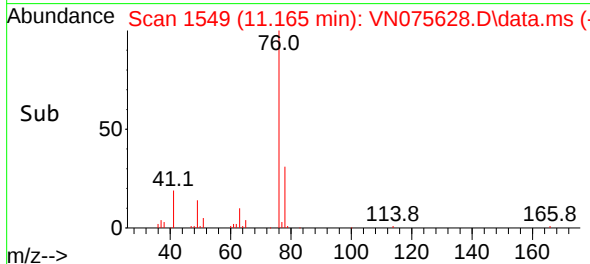
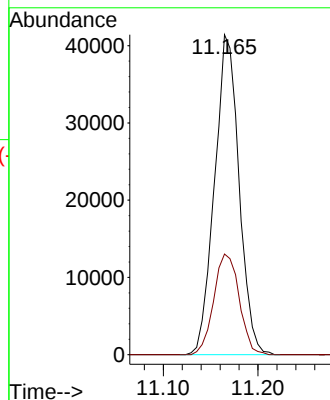
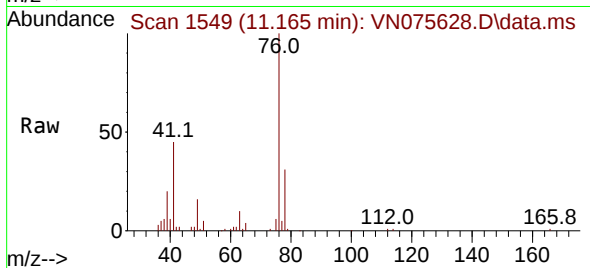
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 103.499 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075628.D

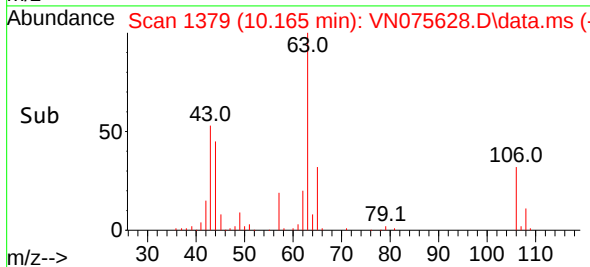
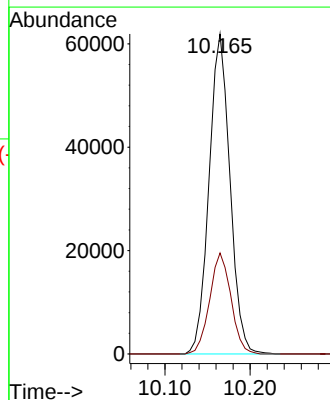
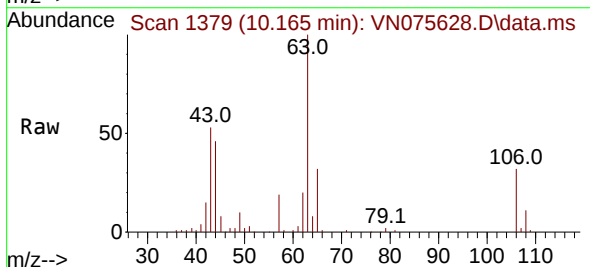
Acq: 07 Dec 2022 23:56

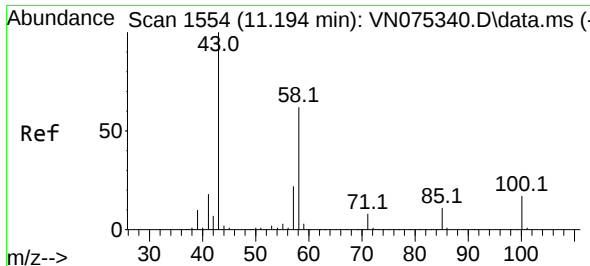
Tgt Ion: 63 Resp: 105529

Ion Ratio Lower Upper

63 100

106 32.1 24.8 37.2





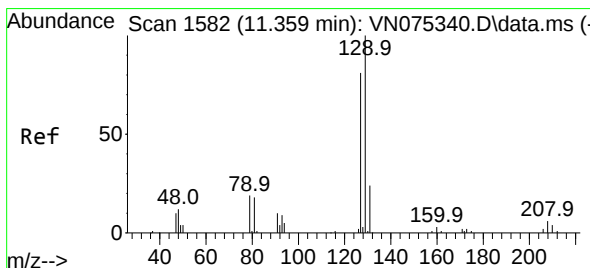
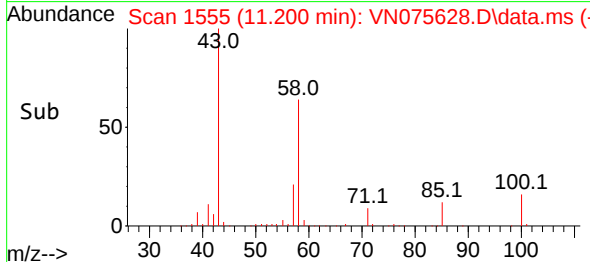
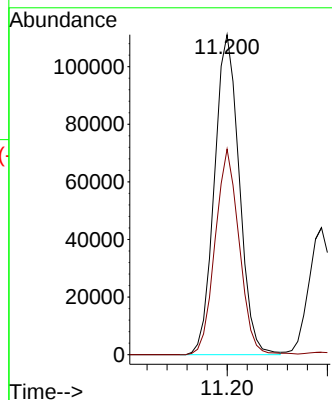
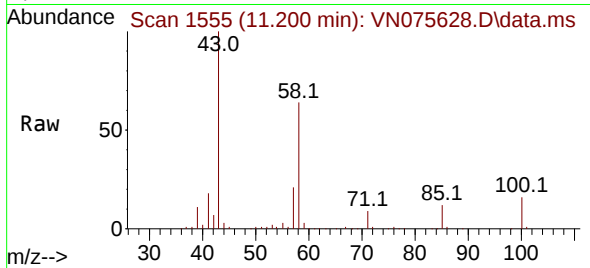
#59
2-Hexanone
Concen: 105.985 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion: 43 Resp: 19085
Ion Ratio Lower Upper
43 100
58 62.3 29.6 88.8

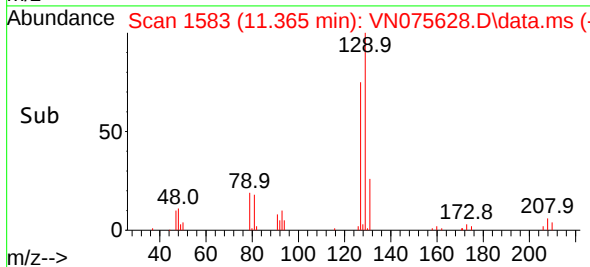
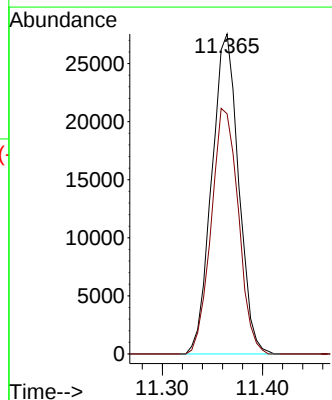
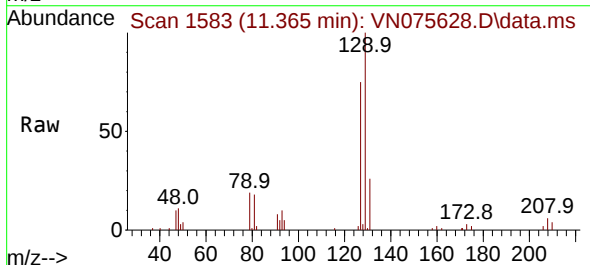
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 23.837 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

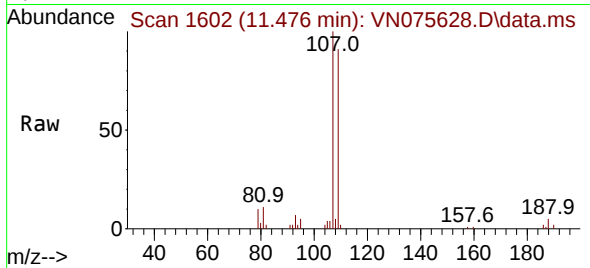
Tgt Ion:129 Resp: 51220
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.938 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

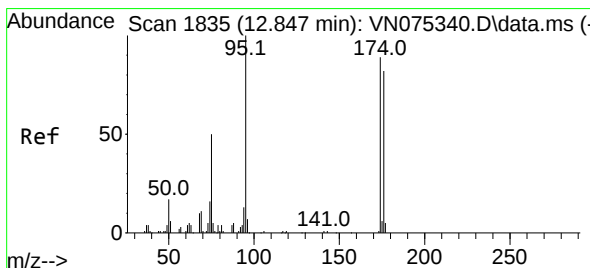
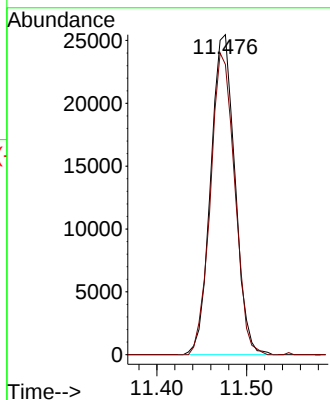
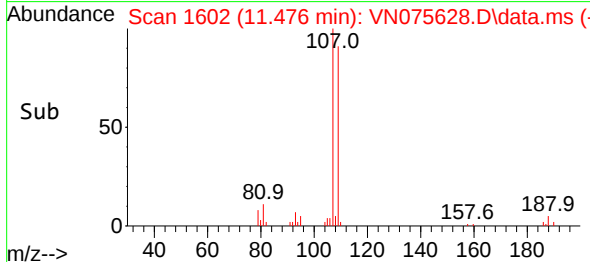
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



Tgt Ion:107 Resp: 47668
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

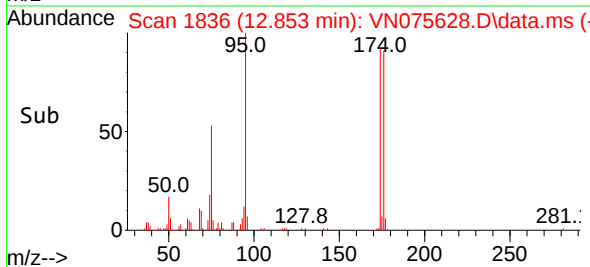
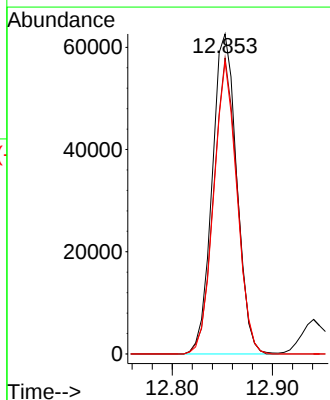
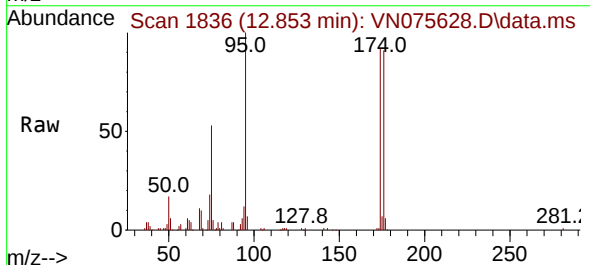
Manual Integrations
APPROVED

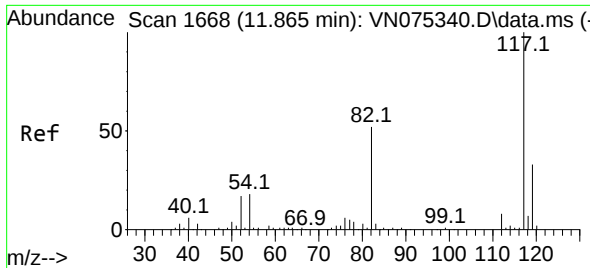
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

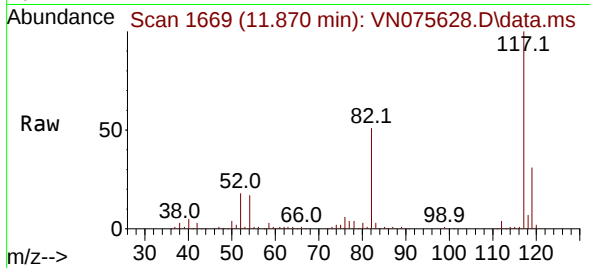
Tgt Ion: 95 Resp: 106583
Ion Ratio Lower Upper
95 100
174 88.2 0.0 147.4
176 86.3 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

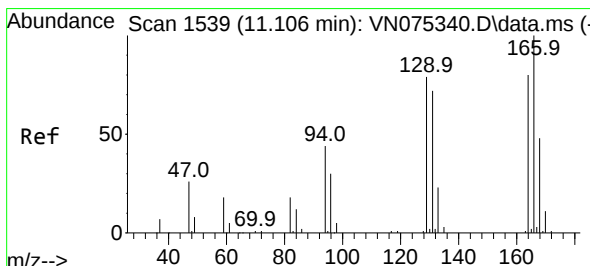
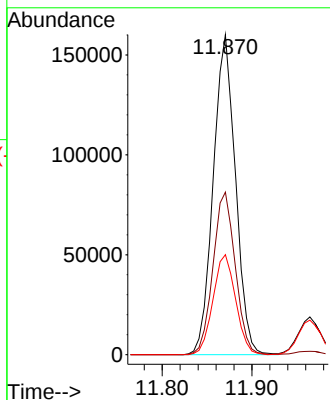
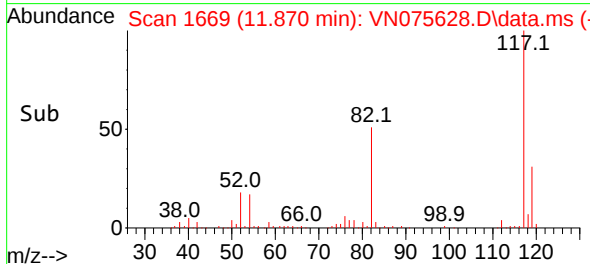
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



Tgt Ion:117 Resp: 275052
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 31.2 25.5 38.3

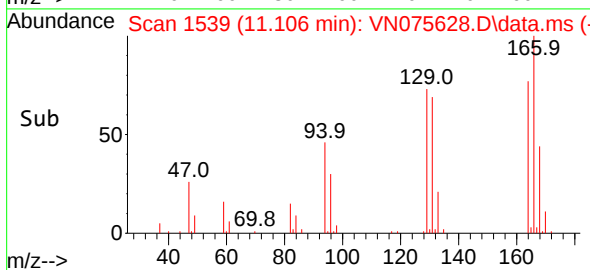
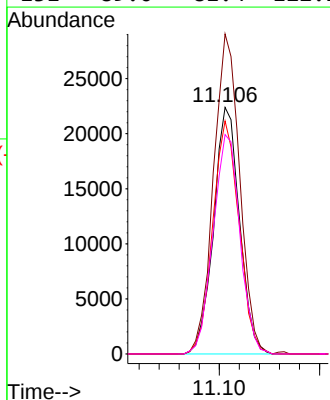
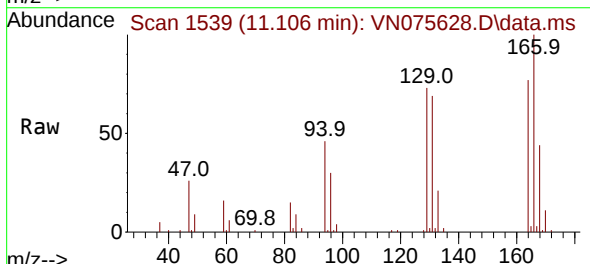
Manual Integrations
APPROVED

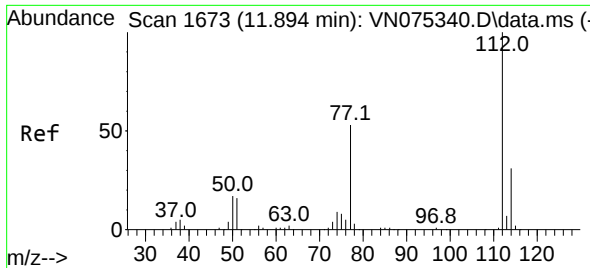
Reviewed By :John Carbone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 19.058 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion:164 Resp: 40031
Ion Ratio Lower Upper
164 100
166 129.8 106.5 159.7
129 94.5 81.9 122.9
131 89.0 81.4 122.2





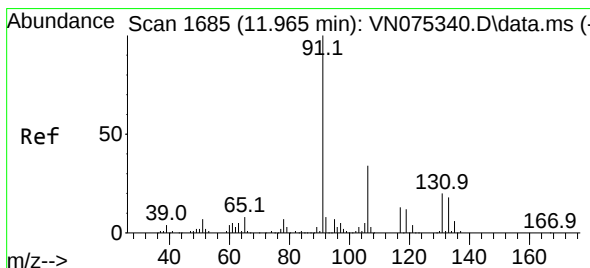
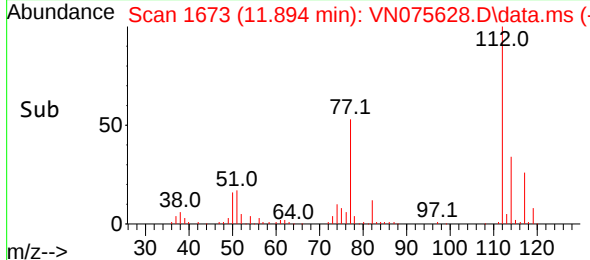
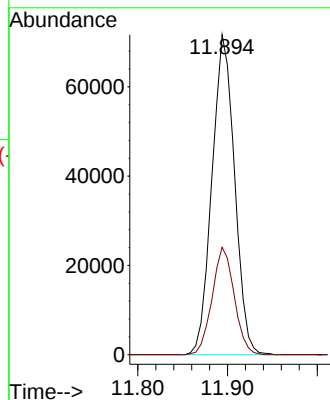
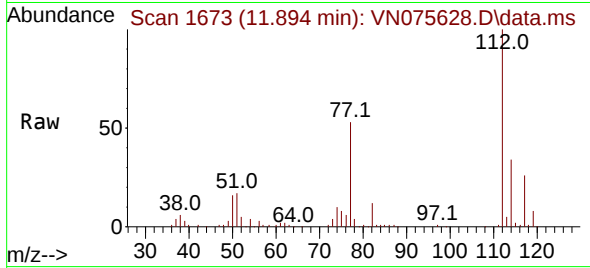
#65
Chlorobenzene
Concen: 22.045 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion:112 Resp: 12522
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2

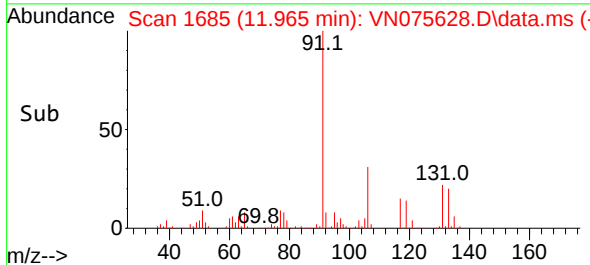
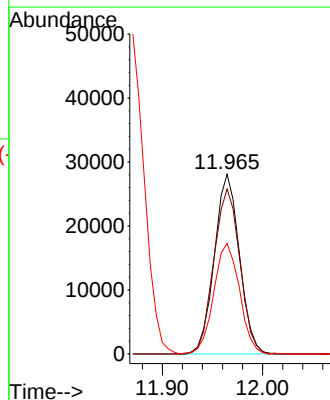
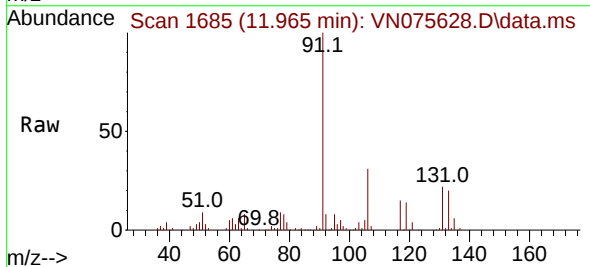
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.961 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

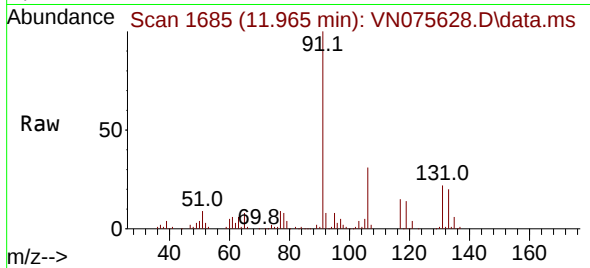
Tgt Ion:131 Resp: 48678
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 63.6 33.0 99.0





#67
Ethyl Benzene
Concen: 22.377 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

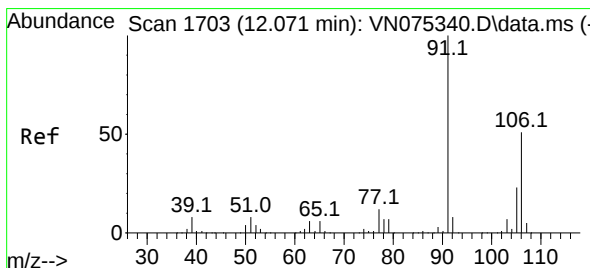
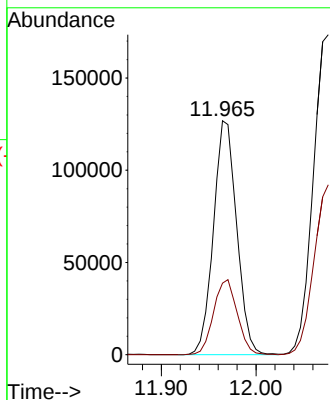
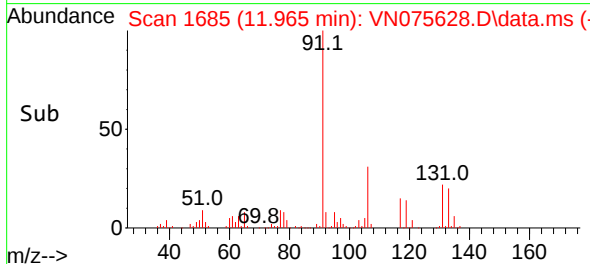
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



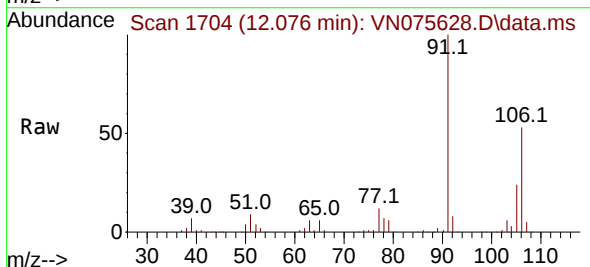
Tgt Ion: 91 Resp: 216850
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
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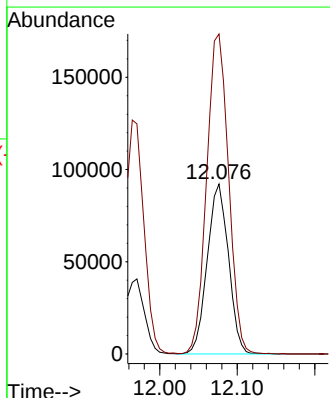
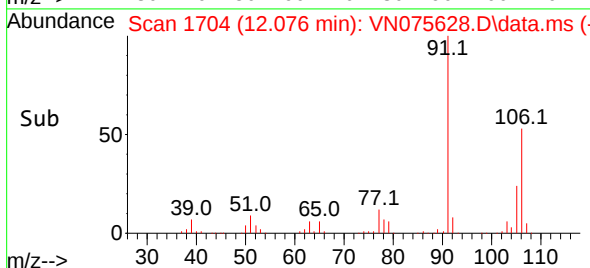
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

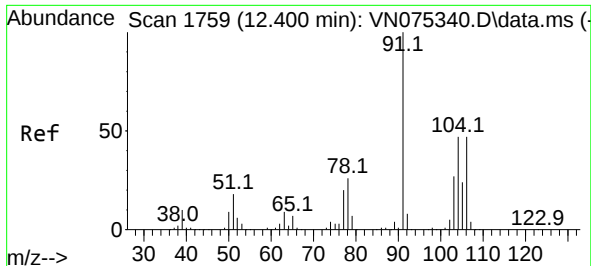


#68
m/p-Xylenes
Concen: 44.608 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



Tgt Ion:106 Resp: 175550
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0





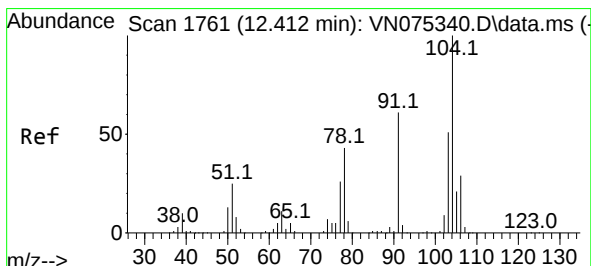
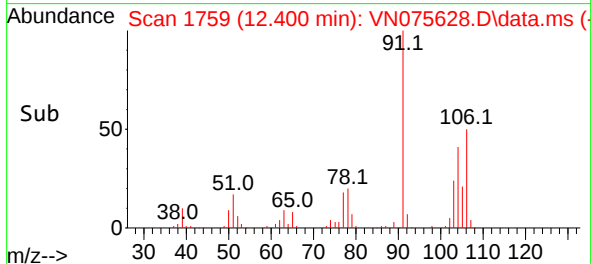
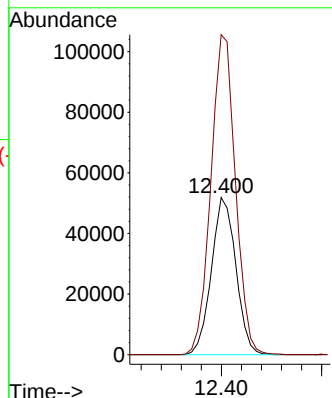
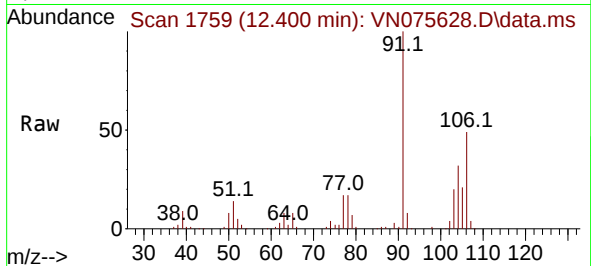
#69
o-Xylene
Concen: 22.491 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion:106 Resp: 8794
Ion Ratio Lower Upper
106 100
91 204.3 105.2 315.5

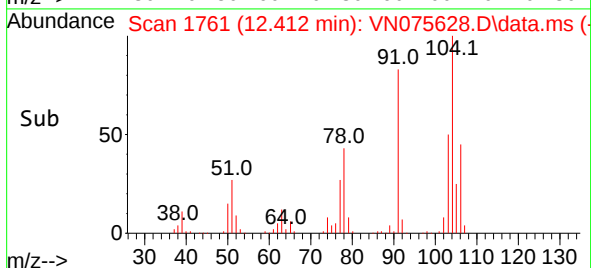
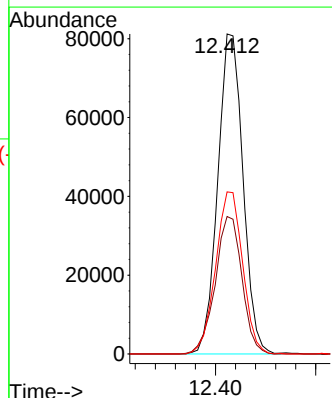
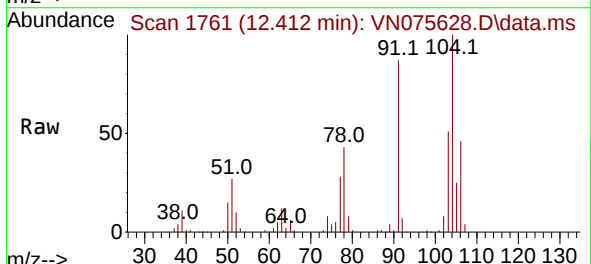
Manual Integrations
APPROVED

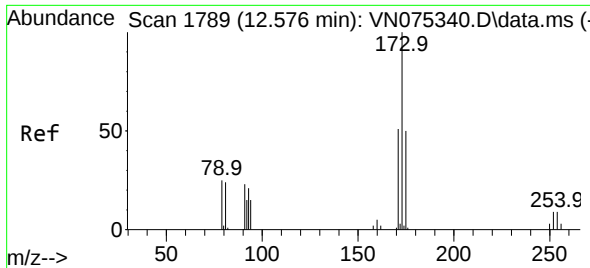
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 22.984 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion:104 Resp: 141768
Ion Ratio Lower Upper
104 100
78 45.5 38.1 57.1
103 54.3 44.6 66.8





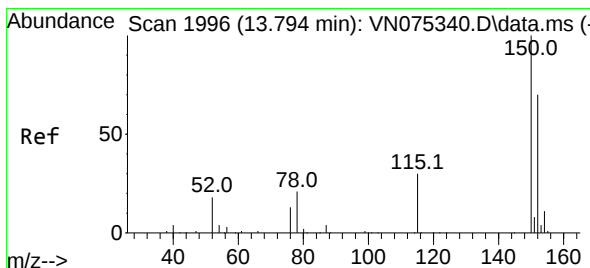
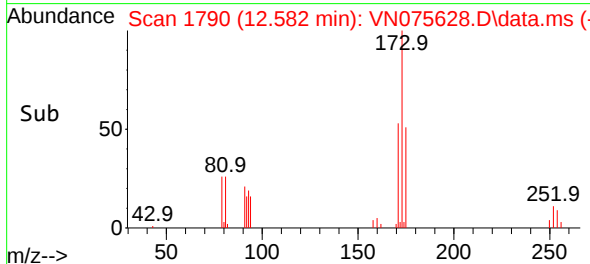
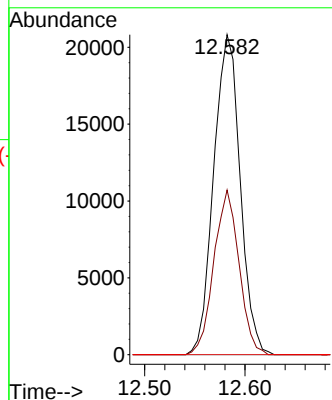
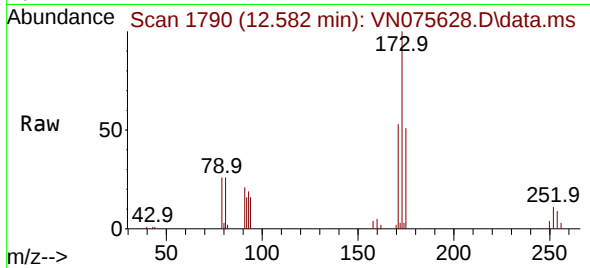
#71
Bromoform
Concen: 23.642 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion:173 Resp: 3814
Ion Ratio Lower Upper
173 100
175 49.0 24.6 74.0
254 0.0 0.0 0.0

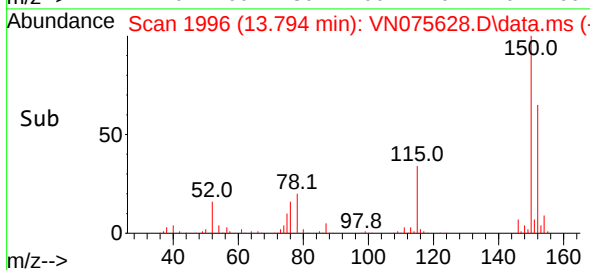
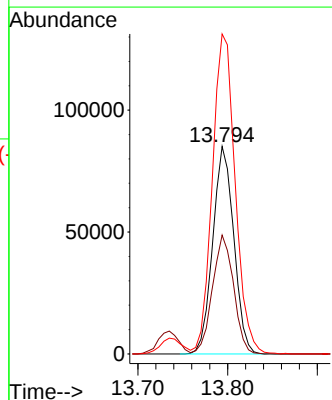
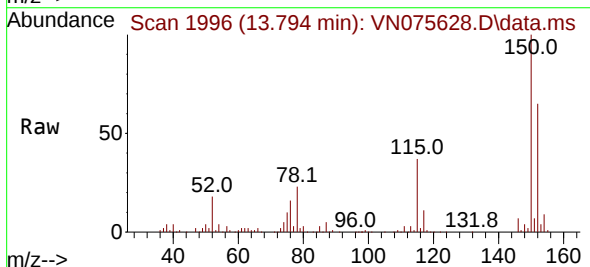
Manual Integrations
APPROVED

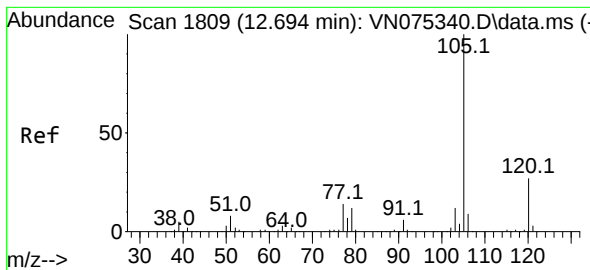
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion:152 Resp: 138703
Ion Ratio Lower Upper
152 100
115 57.3 30.2 90.6
150 167.3 0.0 348.4





#73

Isopropylbenzene

Concen: 22.067 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion:105 Resp: 223610

Ion Ratio Lower Upper

105 100

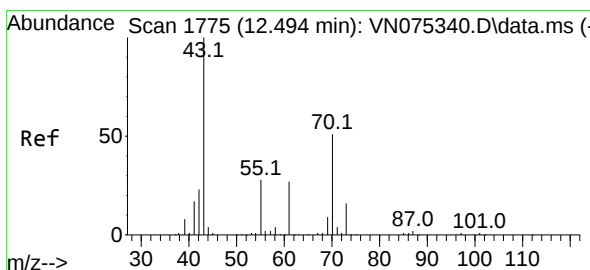
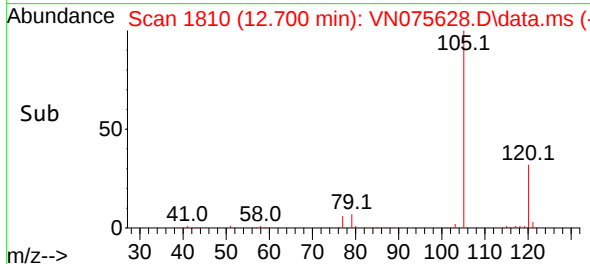
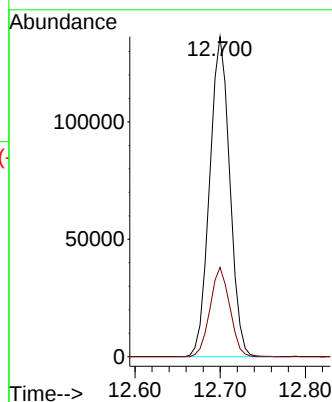
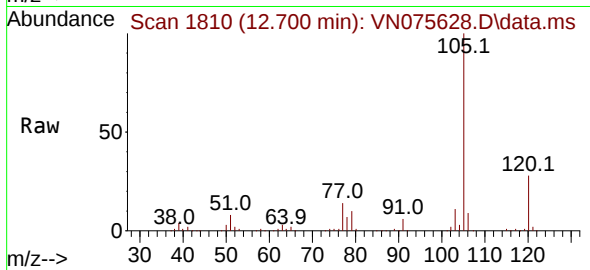
120 27.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#74

N-ethyl acetate

Concen: 23.189 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Tgt Ion: 43 Resp: 72244

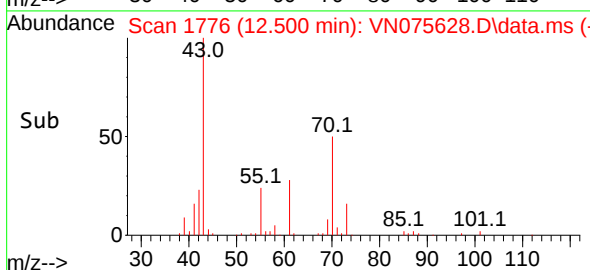
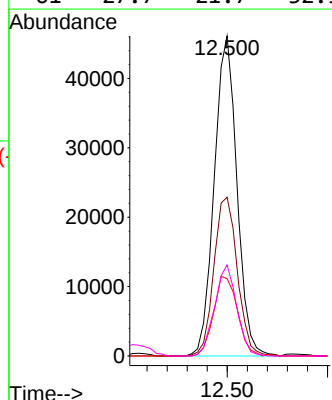
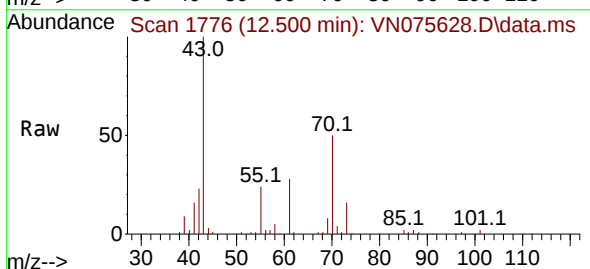
Ion Ratio Lower Upper

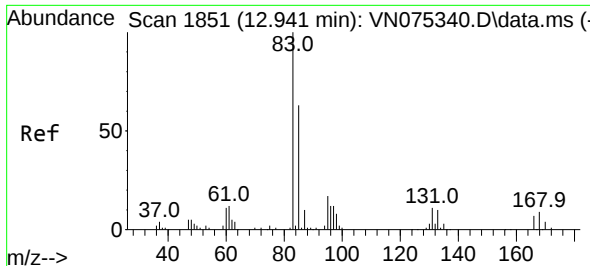
43 100

70 51.4 39.8 59.8

55 26.3 19.9 29.9

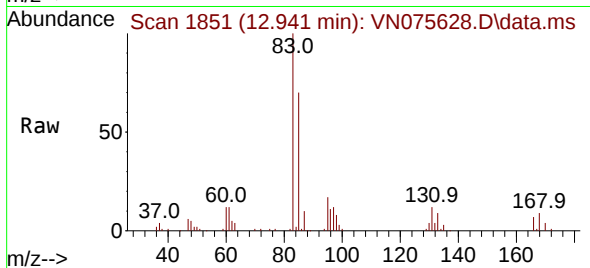
61 27.7 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.582 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

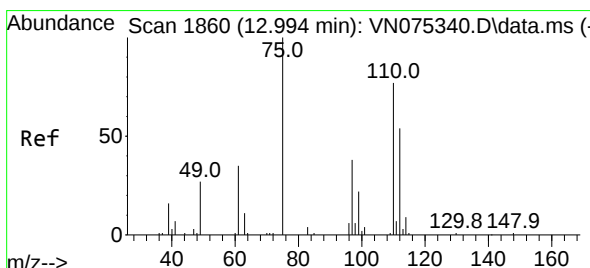
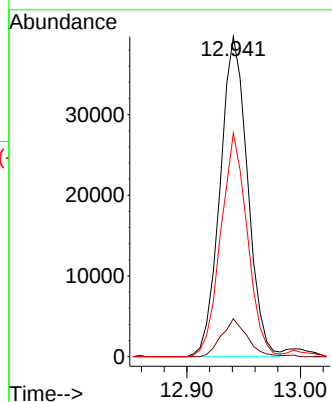
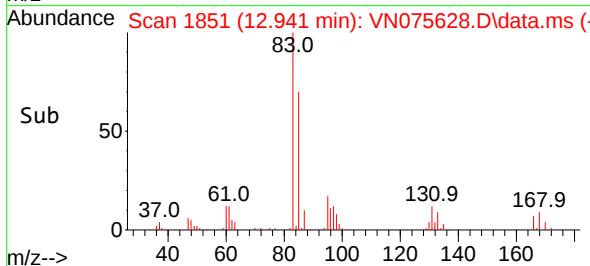
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



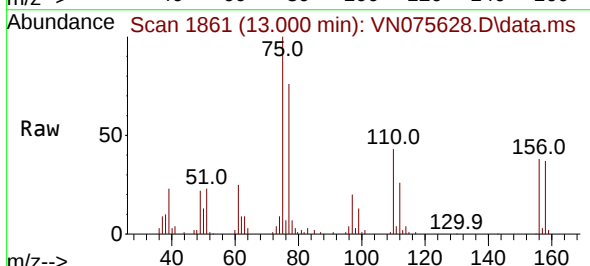
Tgt Ion: 83 Resp: 6667
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 67.6 31.6 94.7

Manual Integrations
APPROVED

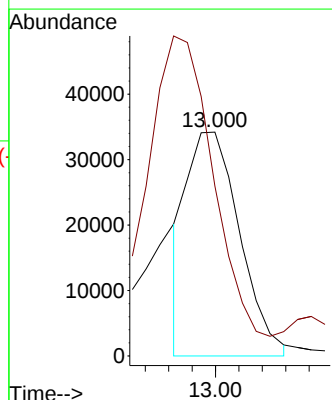
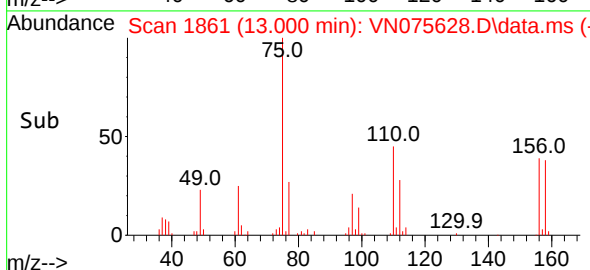
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

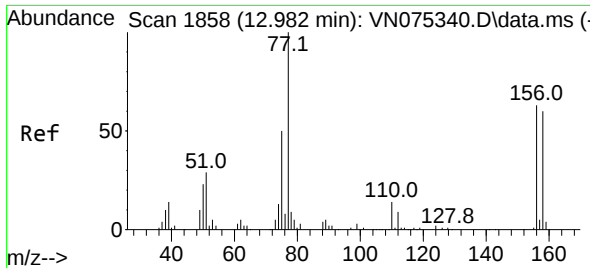


#76
1,2,3-Trichloropropane
Concen: 20.592 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



Tgt Ion: 75 Resp: 54003
Ion Ratio Lower Upper
75 100
77 185.5 75.6 226.8





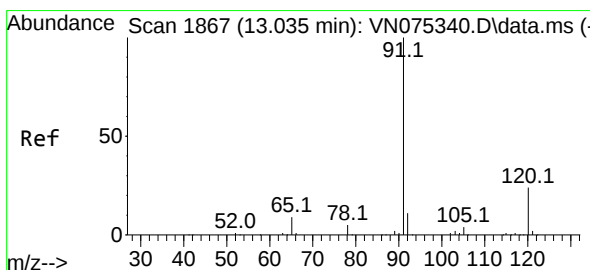
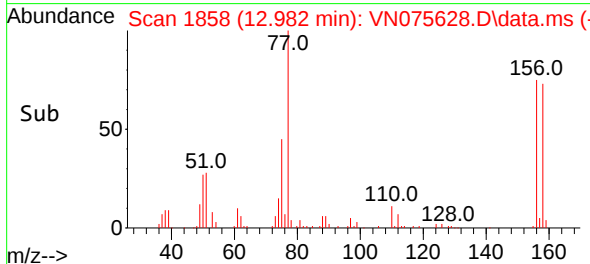
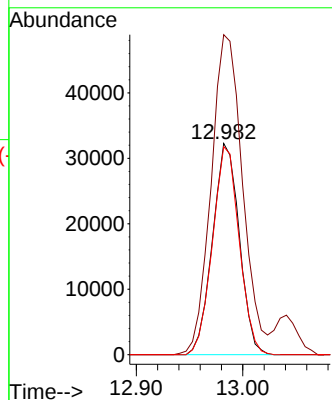
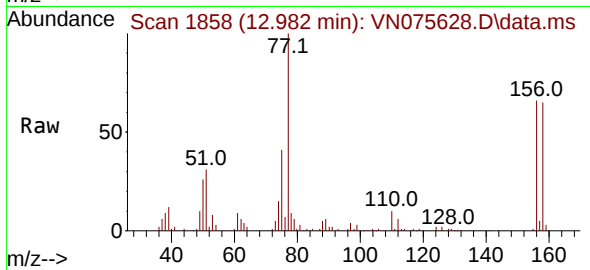
#77
Bromobenzene
Concen: 22.510 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02

Tgt Ion:156 Resp: 5631
Ion Ratio Lower Upper
156 100
77 177.9 108.5 325.5
158 98.4 47.7 143.1

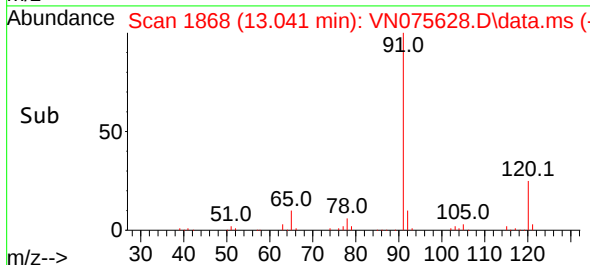
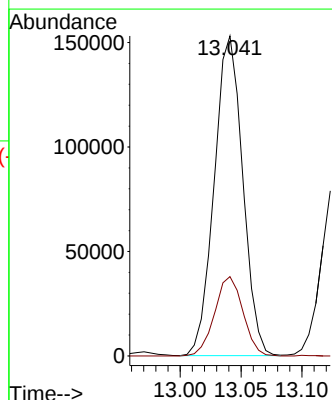
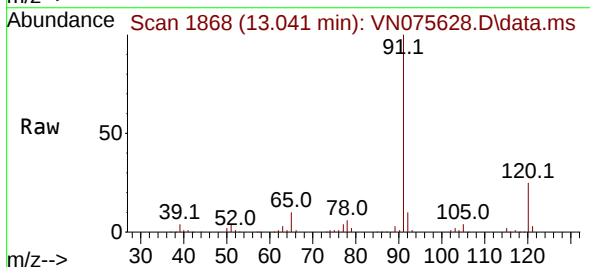
Manual Integrations
APPROVED

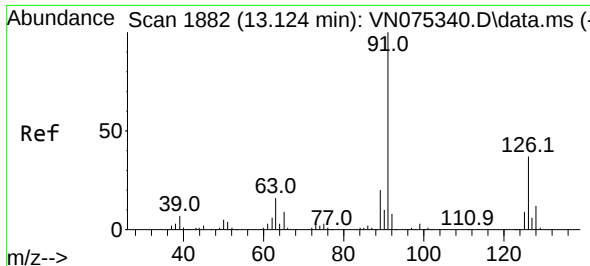
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#78
n-propylbenzene
Concen: 22.011 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

Tgt Ion: 91 Resp: 248922
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 21.852 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.005 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBS02

Tgt Ion: 91 Resp: 148899

Ion Ratio Lower Upper

91 100

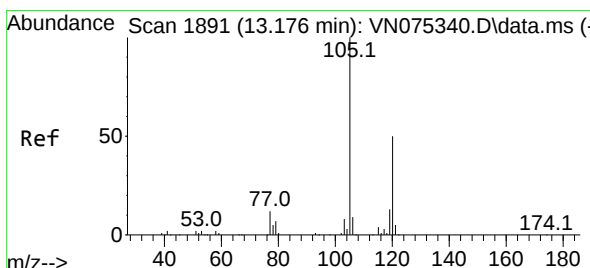
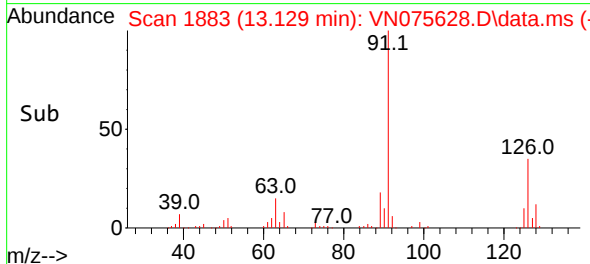
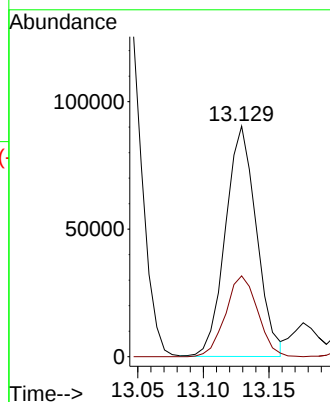
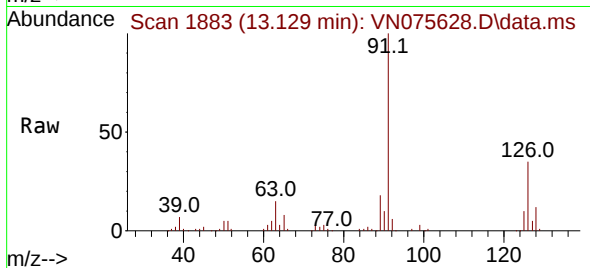
126 36.2 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 22.542 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075628.D

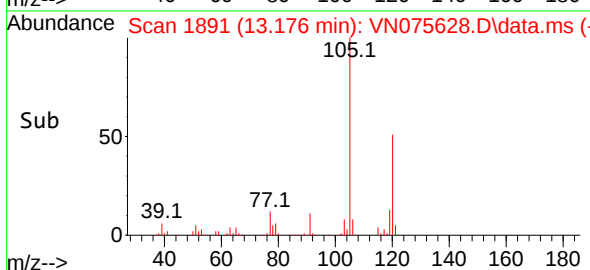
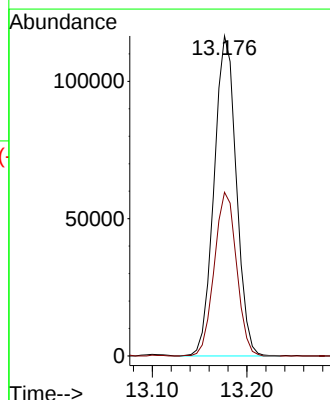
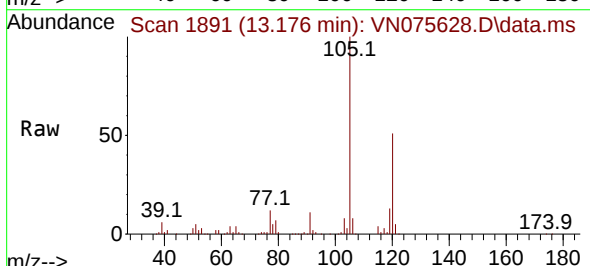
Acq: 07 Dec 2022 23:56

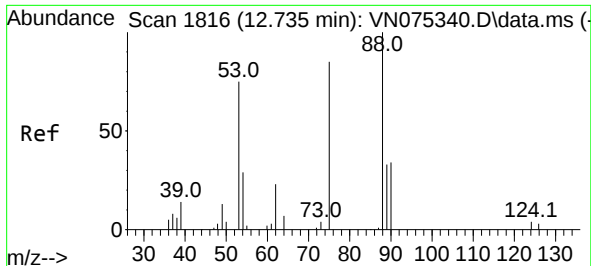
Tgt Ion:105 Resp: 189786

Ion Ratio Lower Upper

105 100

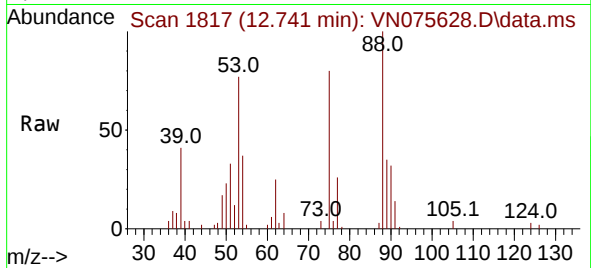
120 51.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.988 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

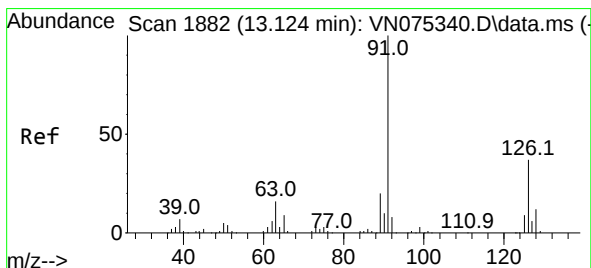
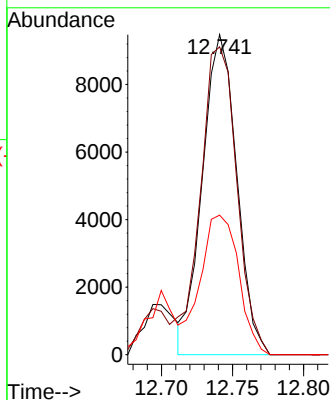
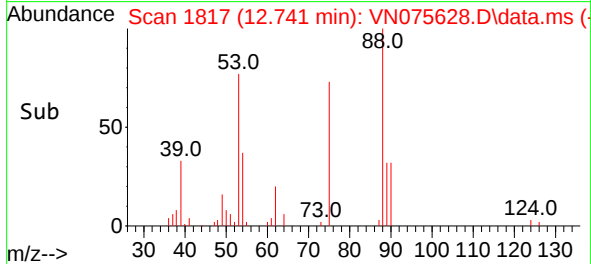
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



Tgt Ion: 75 Resp: 15944
Ion Ratio Lower Upper
75 100
53 103.1 78.5 117.7
89 49.0 37.7 56.5

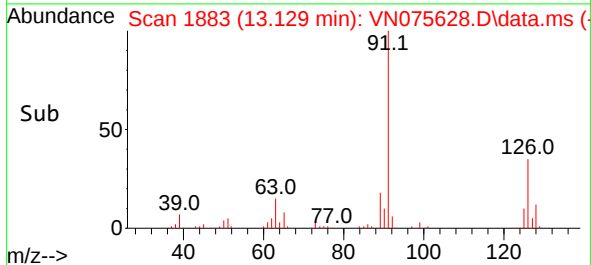
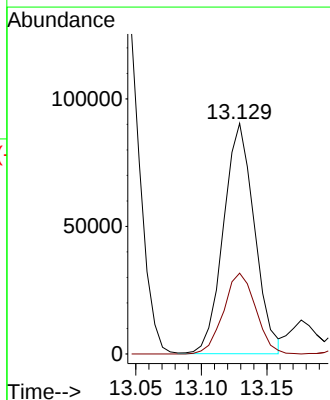
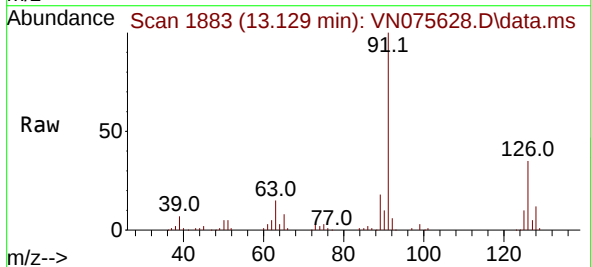
Manual Integrations
APPROVED

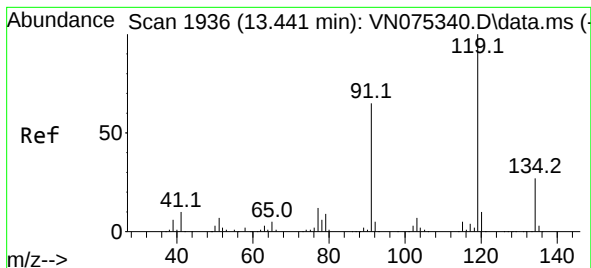
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#82
4-Chlorotoluene
Concen: 21.852 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

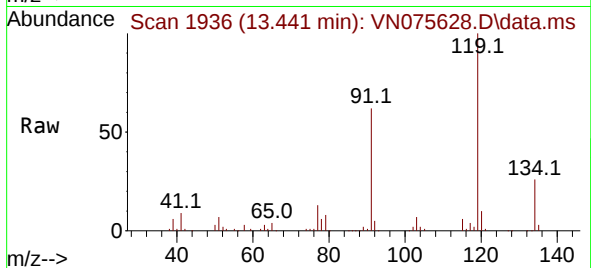
Tgt Ion: 91 Resp: 148899
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.7





#83
tert-Butylbenzene
Concen: 22.652 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

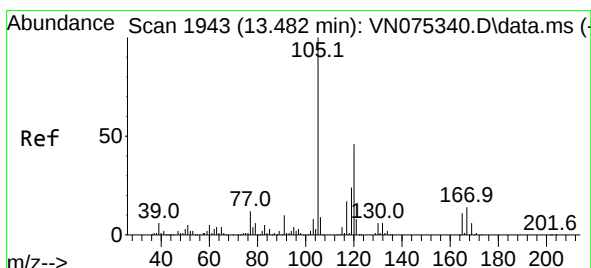
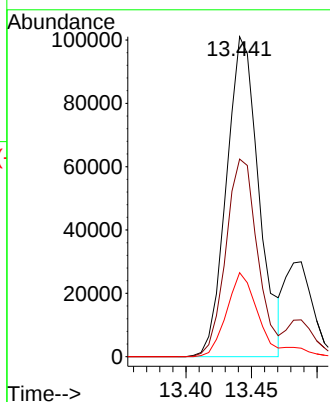
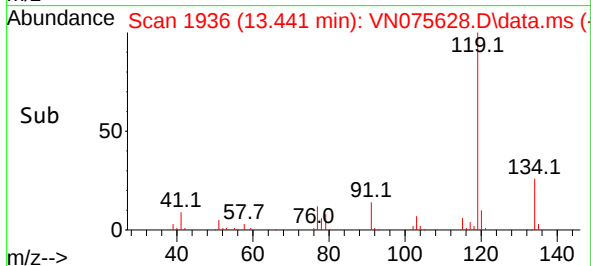
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



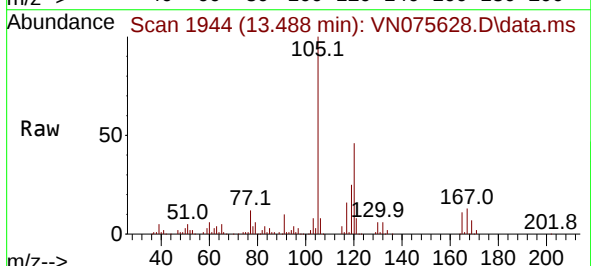
Tgt Ion:119 Resp: 17388
Ion Ratio Lower Upper
119 100
91 60.6 32.8 98.4
134 27.0 12.3 36.9

Manual Integrations
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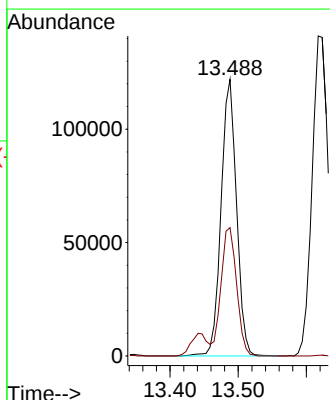
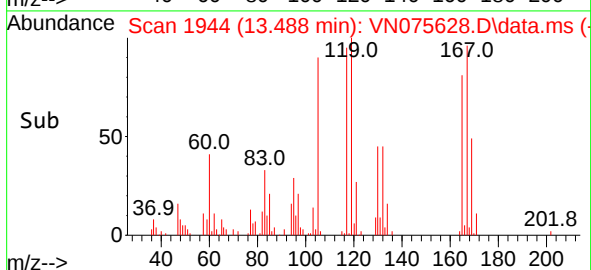
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

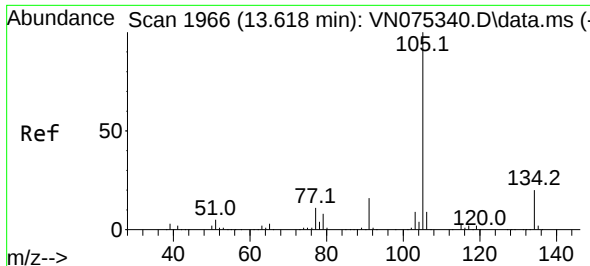


#84
1,2,4-Trimethylbenzene
Concen: 22.759 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



Tgt Ion:105 Resp: 192201
Ion Ratio Lower Upper
105 100
120 47.0 22.7 68.1





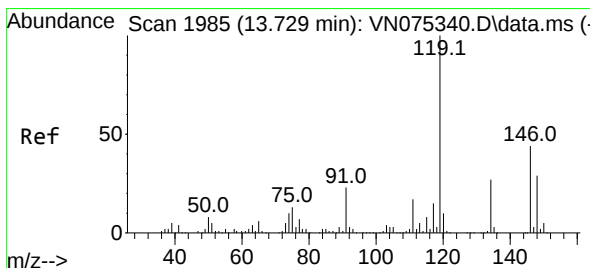
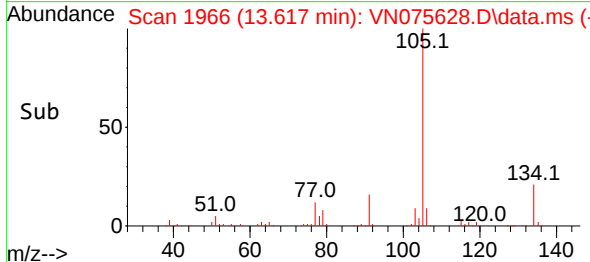
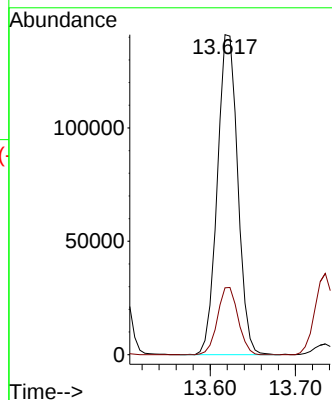
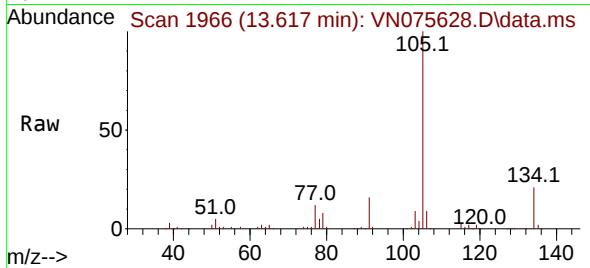
#85
 sec-Butylbenzene
 Concen: 22.553 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075628.D
 Acq: 07 Dec 2022 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207SBS02

Tgt Ion:105 Resp: 234900
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6

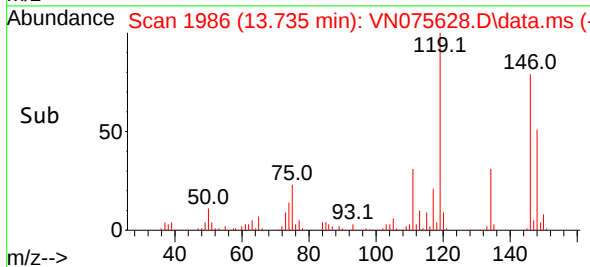
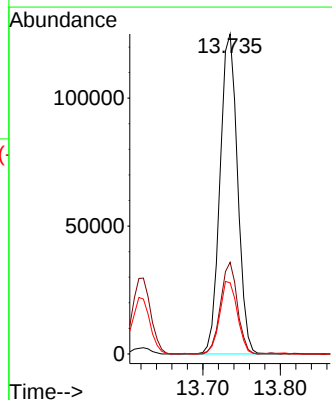
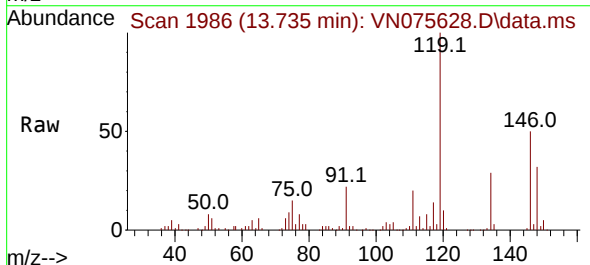
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#86
 p-Isopropyltoluene
 Concen: 22.428 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075628.D
 Acq: 07 Dec 2022 23:56

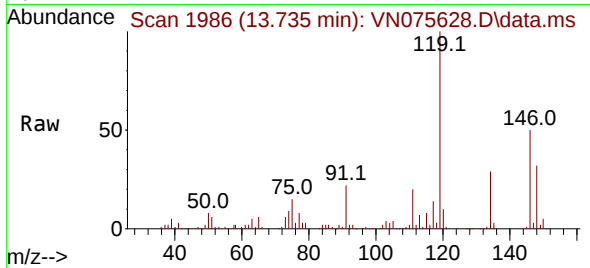
Tgt Ion:119 Resp: 196536
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.1 39.3
 91 22.9 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 22.271 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

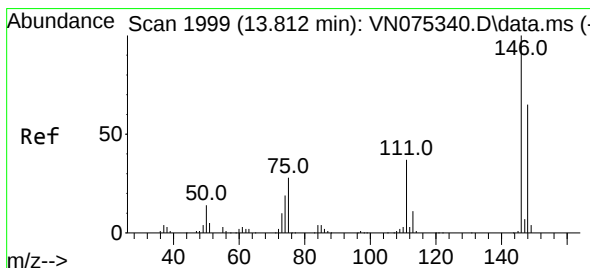
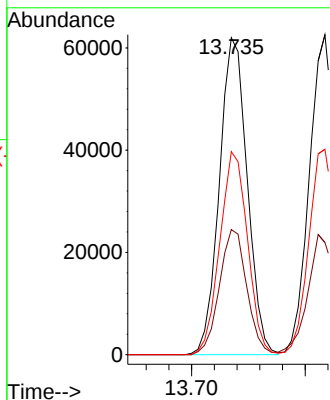
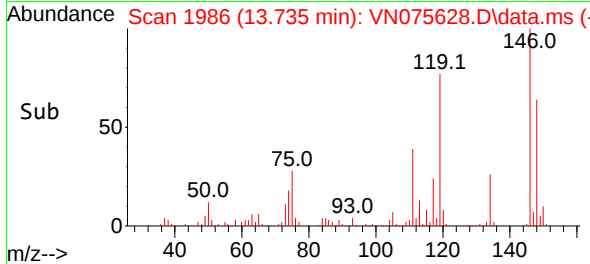
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



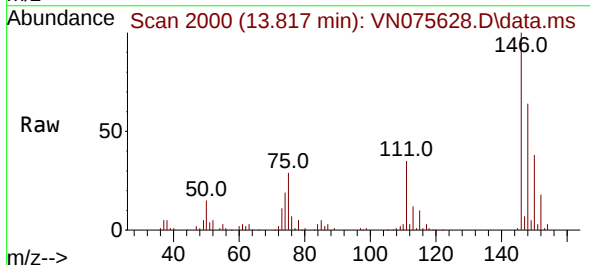
Tgt Ion:146 Resp: 105568
Ion Ratio Lower Upper
146 100
111 38.8 20.8 62.5
148 63.7 31.1 93.5

Manual Integrations
APPROVED

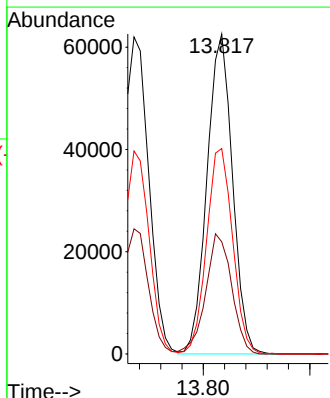
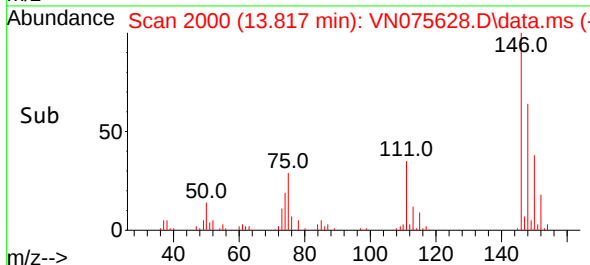
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

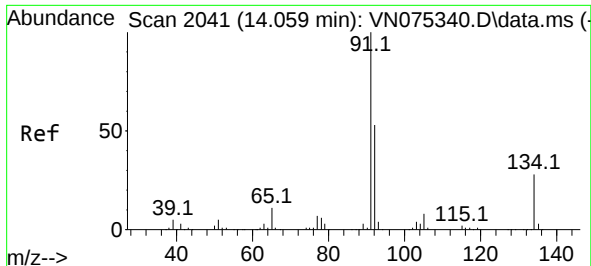


#88
1,4-Dichlorobenzene
Concen: 21.566 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



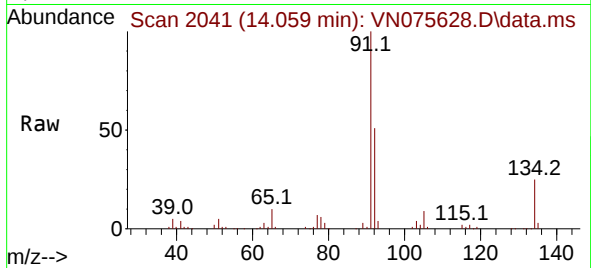
Tgt Ion:146 Resp: 103841
Ion Ratio Lower Upper
146 100
111 38.5 20.1 60.3
148 65.8 31.9 95.7





#89
n-Butylbenzene
Concen: 21.257 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

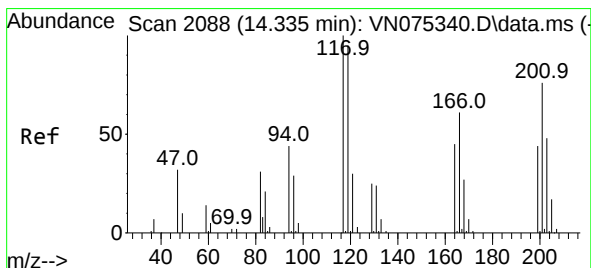
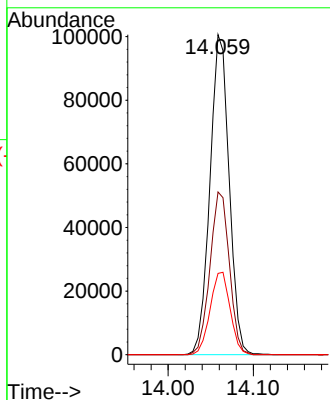
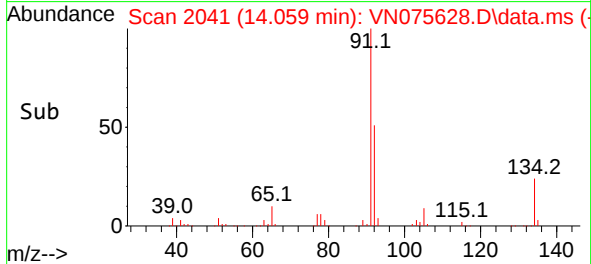
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



Tgt Ion: 91 Resp: 157320
Ion Ratio Lower Upper
91 100
92 51.4 26.5 79.4
134 26.9 13.0 39.0

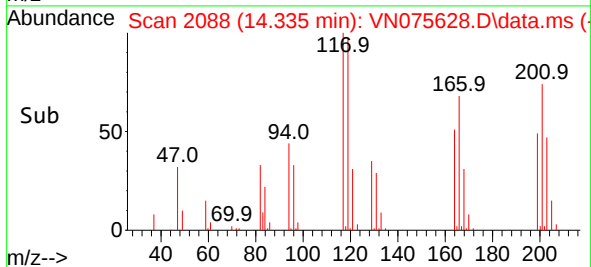
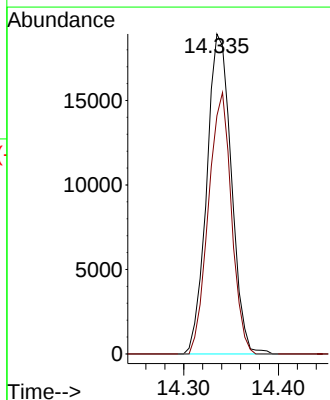
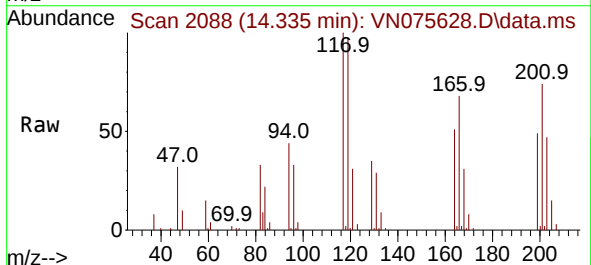
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#90
Hexachloroethane
Concen: 22.629 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

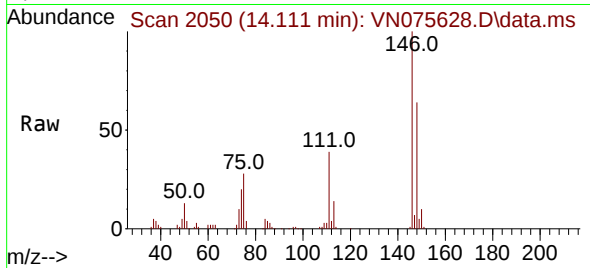
Tgt Ion:117 Resp: 34210
Ion Ratio Lower Upper
117 100
201 76.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 22.926 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

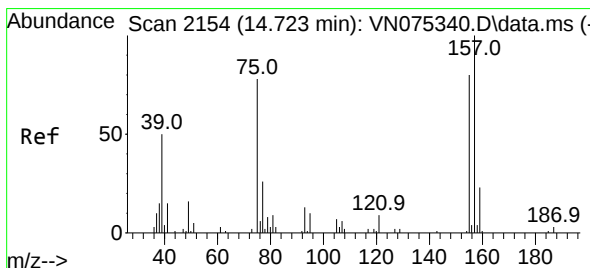
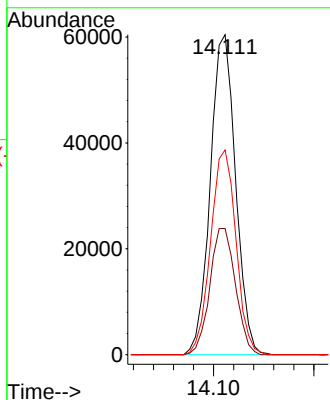
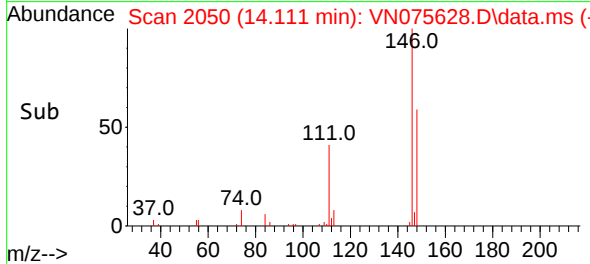
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



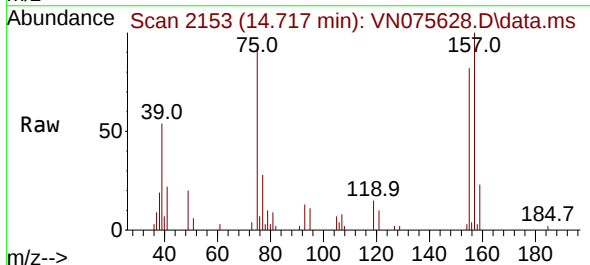
Tgt Ion:146 Resp: 105920
Ion Ratio Lower Upper
146 100
111 39.9 21.3 63.9
148 64.2 31.4 94.2

Manual Integrations
APPROVED

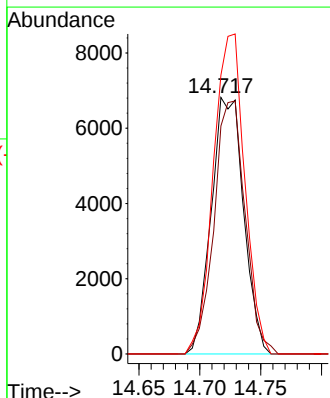
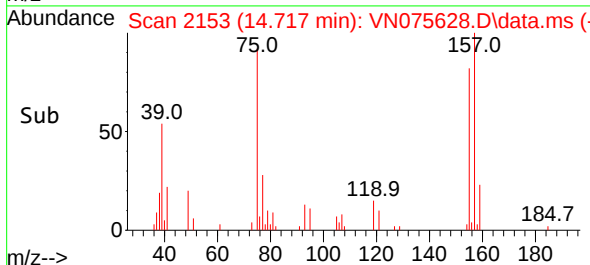
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

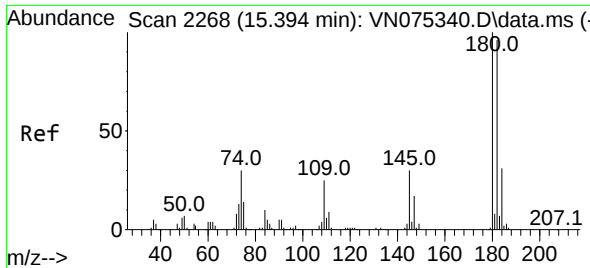


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.492 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



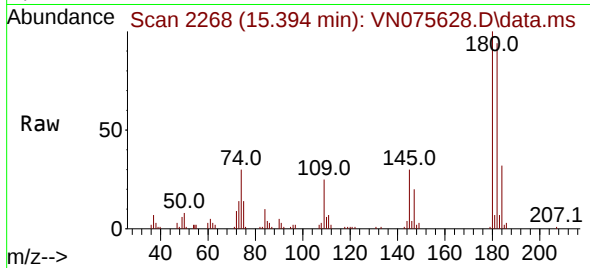
Tgt Ion: 75 Resp: 12578
Ion Ratio Lower Upper
75 100
155 95.0 42.1 126.3
157 120.9 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 22.722 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56

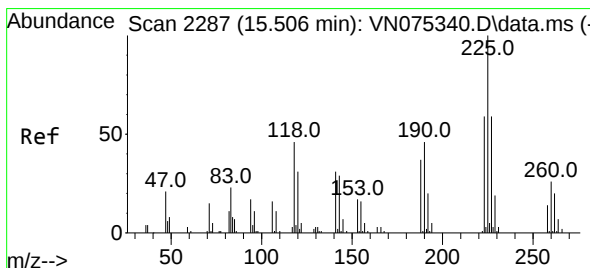
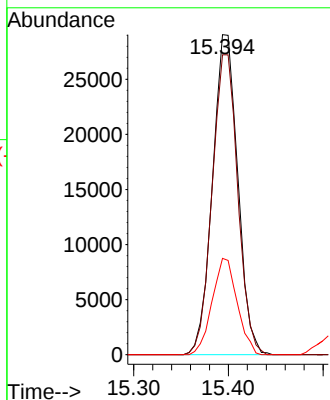
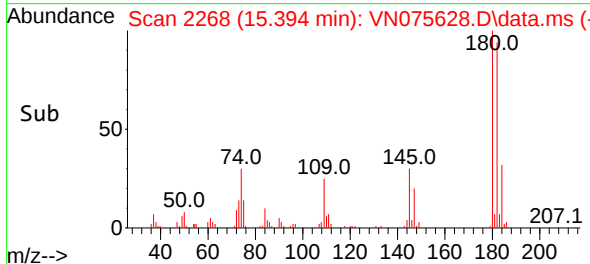
Instrument :
MSVOA_N
ClientSampleId :
VN1207SBSD02



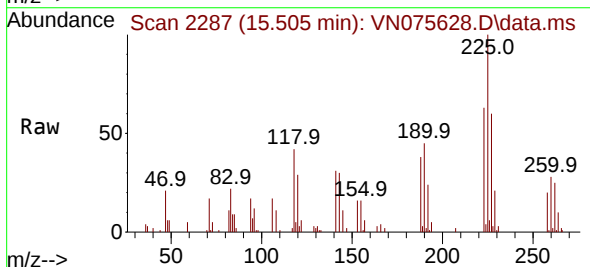
Tgt Ion:180 Resp: 53800
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.4
145 29.9 16.8 50.3

Manual Integrations
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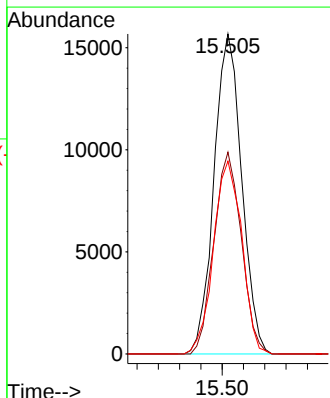
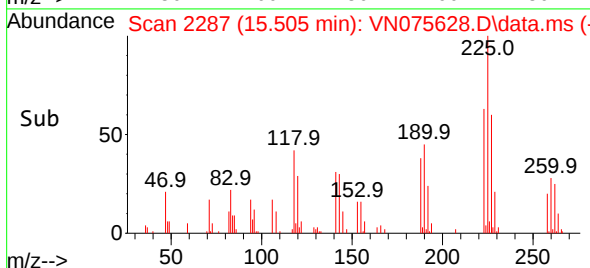
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

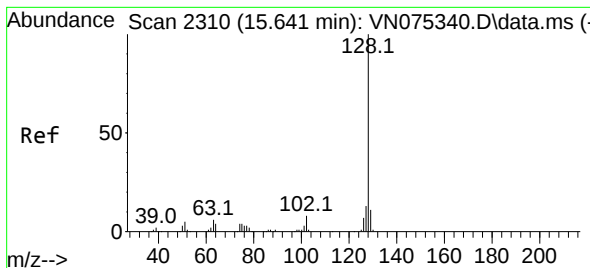


#94
Hexachlorobutadiene
Concen: 22.907 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VN075628.D
Acq: 07 Dec 2022 23:56



Tgt Ion:225 Resp: 28252
Ion Ratio Lower Upper
225 100
223 62.5 32.3 96.9
227 61.7 32.0 96.2





#95

Naphthalene

Concen: 21.752 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1207SBSD02

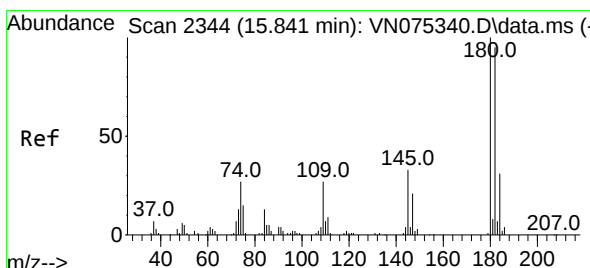
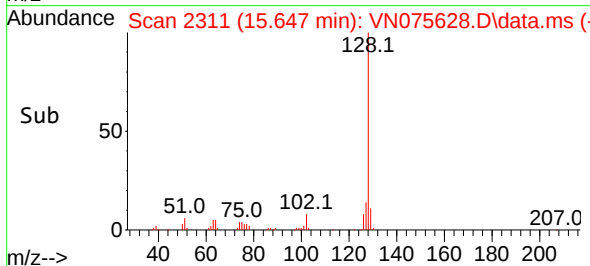
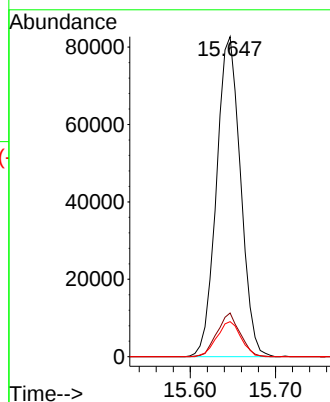
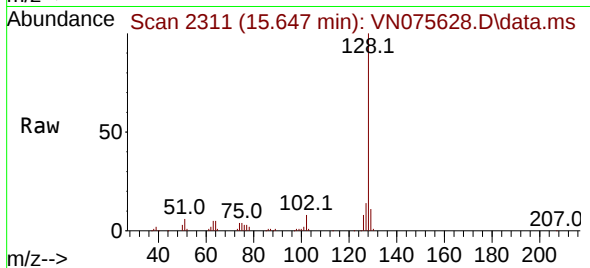
Tgt Ion:128 Resp: 162033
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#96

1,2,3-Trichlorobenzene

Concen: 22.765 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075628.D

Acq: 07 Dec 2022 23:56

Tgt Ion:180 Resp: 52978
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 141.8
 145 32.1 17.6 52.9

