

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075015.D
 Acq On : 26 Oct 2022 10:37
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 27 09:54:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	100605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	184546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	158979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	1745	1.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.580%#		
35) Dibromofluoromethane	8.177	113	1233	1.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.280%#		
50) Toluene-d8	10.571	98	4709	1.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.240%#		
62) 4-Bromofluorobenzene	12.853	95	1545	1.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	2.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	1192	0.911	ug/l	78
3) Chloromethane	2.377	50	1753	1.261	ug/l	97
4) Vinyl Chloride	2.524	62	2492	1.257	ug/l #	80
5) Bromomethane	2.959	94	2432	Below Cal		94
6) Chloroethane	3.130	64	2574	1.810	ug/l #	68
7) Trichlorofluoromethane	3.512	101	2340	1.155	ug/l #	82
8) Diethyl Ether	3.977	74	954	1.291	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.383	101	1057	0.945	ug/l #	84
10) Methyl Iodide	4.594	142	2017	1.211	ug/l #	81
11) Tert butyl alcohol	5.536	59	1666	5.270	ug/l #	72
12) 1,1-Dichloroethene	4.347	96	1244	1.167	ug/l #	60
13) Acrolein	4.206	56	1370	5.298	ug/l	89
14) Allyl chloride	5.042	41	1538	0.987	ug/l #	83
15) Acrylonitrile	5.736	53	3671	5.497	ug/l #	84
16) Acetone	4.447	43	4386	7.642	ug/l	99
17) Carbon Disulfide	4.724	76	3401	1.268	ug/l #	74
18) Methyl Acetate	5.042	43	1186	0.633	ug/l	91
19) Methyl tert-butyl Ether	5.818	73	4333	1.093	ug/l	99
20) Methylene Chloride	5.283	84	825	0.645	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	1125	0.963	ug/l #	57
22) Diisopropyl ether	6.683	45	3542	1.030	ug/l #	86
23) Vinyl Acetate	6.618	43	12936	4.507	ug/l	94
24) 1,1-Dichloroethane	6.571	63	2330	1.072	ug/l #	82
25) 2-Butanone	7.500	43	5252	5.818	ug/l #	82
26) 2,2-Dichloropropane	7.506	77	2397	1.199	ug/l #	74
27) cis-1,2-Dichloroethene	7.500	96	1584	1.136	ug/l #	73
28) Bromochloromethane	7.830	49	1025	1.119	ug/l #	74
29) Tetrahydrofuran	7.853	42	2915	4.997	ug/l	99
30) Chloroform	7.977	83	2610	1.106	ug/l	85
31) Cyclohexane	8.230	56	4756	2.359	ug/l #	56
32) 1,1,1-Trichloroethane	8.171	97	2339	1.091	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	1855	1.106	ug/l #	88
37) Ethyl Acetate	7.571	43	2451	1.332	ug/l #	66
38) Carbon Tetrachloride	8.359	117	852	0.462	ug/l #	92
39) Methylcyclohexane	9.606	83	2252	1.017	ug/l	90
40) Benzene	8.618	78	5939	1.156	ug/l	91

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	815	0.925	ug/l #	71
42) 1,2-Dichloroethane	8.671	62	2200	1.177	ug/l	82
43) Isopropyl Acetate	8.700	43	2904	1.018	ug/l #	90
44) Trichloroethene	9.353	130	1376	1.068	ug/l	98
45) 1,2-Dichloropropane	9.624	63	1436	1.175	ug/l #	86
46) Dibromomethane	9.712	93	978	1.027	ug/l	91
47) Bromodichloromethane	9.894	83	1885	1.022	ug/l #	83
48) Methyl methacrylate	9.688	41	1382	1.056	ug/l	89
49) 1,4-Dioxane	9.706	88	438	12.780	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	8359	4.540	ug/l	94
52) Toluene	10.629	92	3460	1.008	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	1731	0.889	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	2111	1.023	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	1325	0.973	ug/l	94
56) Ethyl methacrylate	10.876	69	2038	0.982	ug/l	94
57) 1,3-Dichloropropane	11.165	76	2506	1.106	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	2674	3.331	ug/l	97
59) 2-Hexanone	11.194	43	6280	4.494	ug/l	95
60) Dibromochloromethane	11.353	129	1303	0.907	ug/l	93
61) 1,2-Dibromoethane	11.471	107	1304	0.935	ug/l	88
64) Tetrachloroethene	11.106	164	1196	1.227	ug/l #	80
65) Chlorobenzene	11.888	112	3647	1.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1228	0.976	ug/l #	54
67) Ethyl Benzene	11.965	91	6564	1.075	ug/l	97
68) m/p-Xylenes	12.070	106	5059	2.065	ug/l	96
69) o-Xylene	12.400	106	2519	1.040	ug/l	98
70) Styrene	12.412	104	3636	0.941	ug/l	96
71) Bromoform	12.582	173	835	0.886	ug/l #	63
73) Isopropylbenzene	12.700	105	5796	1.111	ug/l	94
74) N-amyl acetate	12.494	43	1907	0.988	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	2093	Below Cal	#	90
76) 1,2,3-Trichloropropane	13.000	75	2405	1.742	ug/l	82
77) Bromobenzene	12.982	156	1307	1.137	ug/l	89
78) n-propylbenzene	13.035	91	6221	1.062	ug/l	98
79) 2-Chlorotoluene	13.123	91	4691	1.310	ug/l	86
80) 1,3,5-Trimethylbenzene	13.176	105	4825	1.101	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.741	75	348	0.647	ug/l #	50
82) 4-Chlorotoluene	13.123	91	4691	1.310	ug/l	86
83) tert-Butylbenzene	13.447	119	4070	1.045	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	4557	1.028	ug/l	92
85) sec-Butylbenzene	13.617	105	5226	0.959	ug/l	95
86) p-Isopropyltoluene	13.735	119	4584	1.019	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	2439	1.084	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	2439	1.095	ug/l	93
89) n-Butylbenzene	14.059	91	3849	1.062	ug/l	95
90) Hexachloroethane	14.335	117	991	1.201	ug/l	78
91) 1,2-Dichlorobenzene	14.112	146	2783	1.244	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	198	0.562	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	1056	1.097	ug/l #	75
94) Hexachlorobutadiene	15.500	225	406	0.865	ug/l #	67
95) Naphthalene	15.635	128	4015	1.085	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.847	180	924	0.966	ug/l #	80

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VSTDICC001

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

Abundance

TIC: VN075015.D\data.ms

Time-->

320000

300000

280000

260000

240000

220000

200000

180000

160000

140000

120000

100000

80000

60000

40000

20000

0

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, I

Chloromethane, P

Vinyl Chloride, C

Chloroethane, T

Trichlorofluoromethane, I

Diethyl Ether, T

Acrolein, I

1,3-Dichloropropane, T

Methyl iodide, I

Carbon Disulfide, T

Methyl Mercaptan, T

Methylene Chloride, T

Tert butyl alcohol, T

1,1,1-Trichloroethane, T

1,1-Dichloroethane, P

Diisopropyl ether, P

2,2,4,4-Tetrachloropentane, T

Ethyl Acetate, P

1,1,1-Trichloroethane, T

Chloroform, C

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane-d4, S

1,4-Difluorobenzene, I

1,4-Difluorobenzene, I

Trichloroethene, TM

1,1,1-Trichloroethane, C

Bromodichloromethane, T

2-Chloroethyl Vinyl ether, T

cis-1,3-Dichloropropene, T

1,2-Dichloropropane, T

Toluene, C

1,2-Dichloroethane, T

1,3-Dichloropropane, T

1,1,2,2-Tetrachloroethane, T

Dibromochloromethane, T

1,2-Dibromochloroethane, T

Chlorobenzene, PM

Ethyl Propylchloroethane, T

1,2-Dichlorobenzene, T

Bromobenzene, T

trans-1,2-Dichloroethene, T

trans-1,3-Dichloropropene, T

1,2-Dichlorobenzene, T

1,3-Dichlorobenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene-d4, I

1,2-Dichlorobenzene, T

Hexachloroethane, T

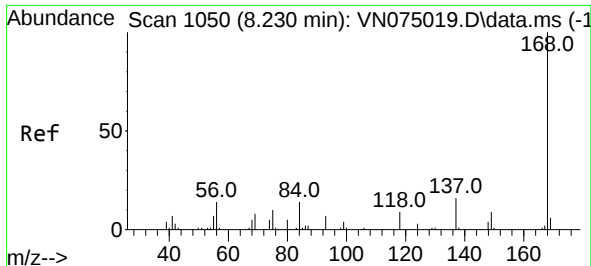
1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

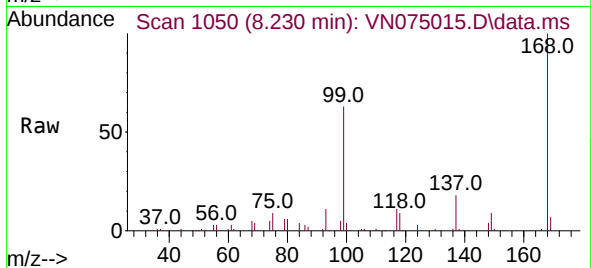
Naphthalene, I

1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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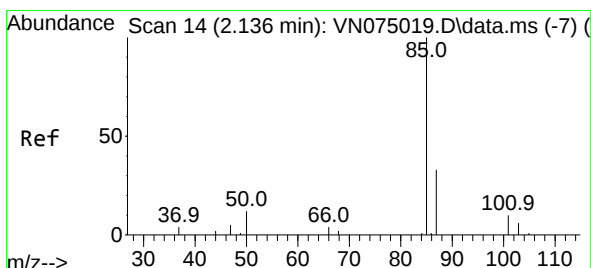
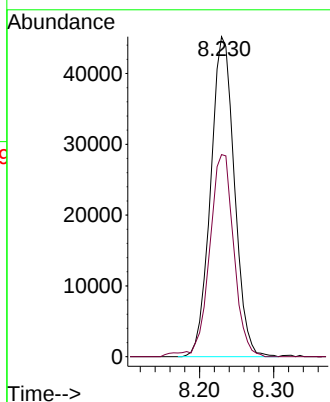
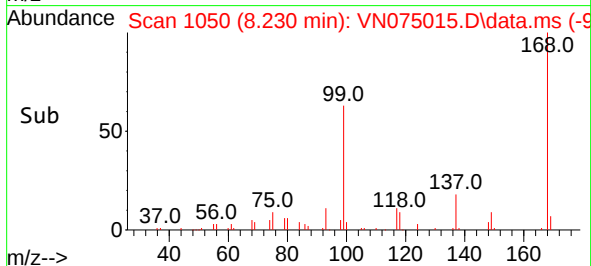
Instrument :
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Tgt Ion:168 Resp: 100609
Ion Ratio Lower Upper
168 100
99 63.2 51.6 77.4

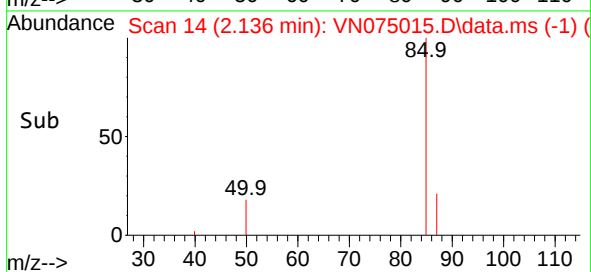
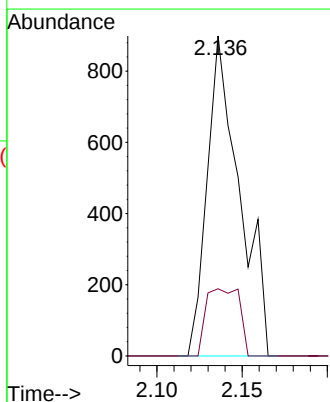
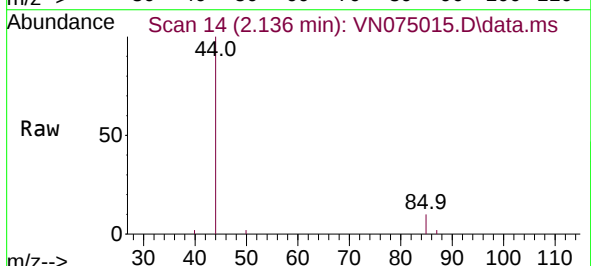
Manual Integrations
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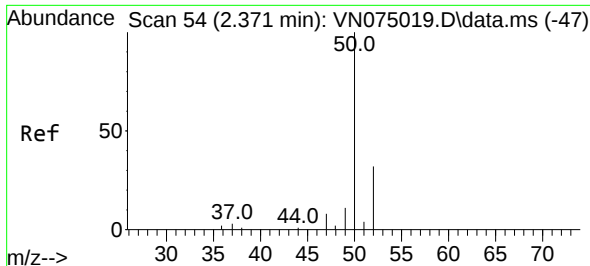
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 0.911 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 85 Resp: 1192
Ion Ratio Lower Upper
85 100
87 21.0 16.7 50.0





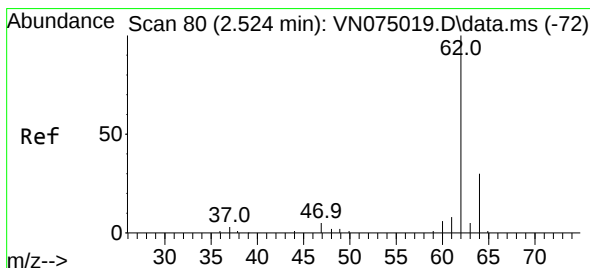
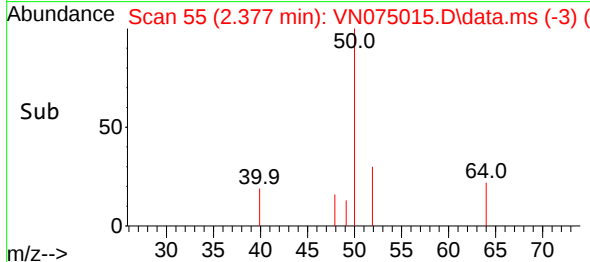
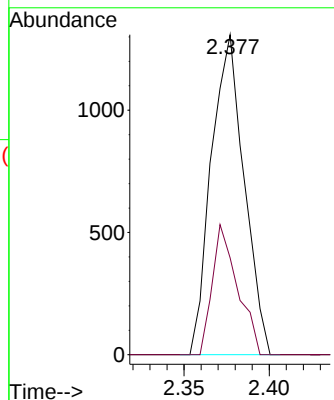
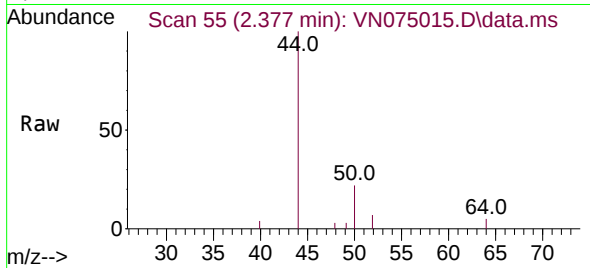
#3
Chloromethane
Concen: 1.261 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
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Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 30.3 25.8 38.6

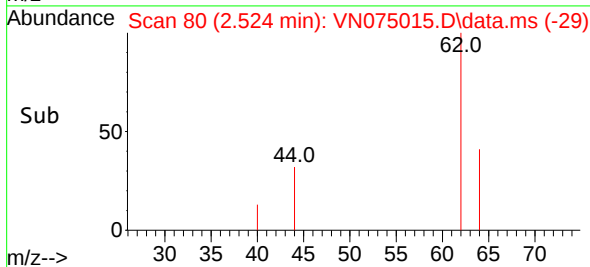
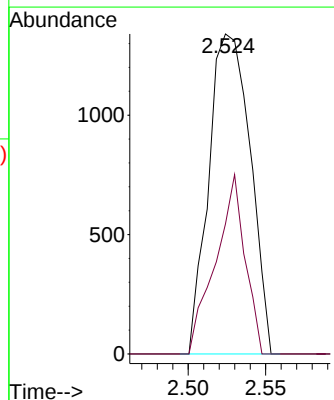
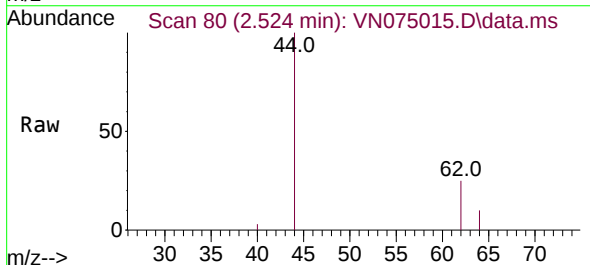
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#4
Vinyl Chloride
Concen: 1.257 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

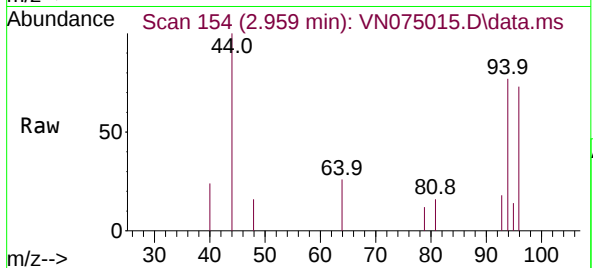
Tgt Ion: 62 Resp: 2492
Ion Ratio Lower Upper
62 100
64 40.7 24.0 36.0#





#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075015.D
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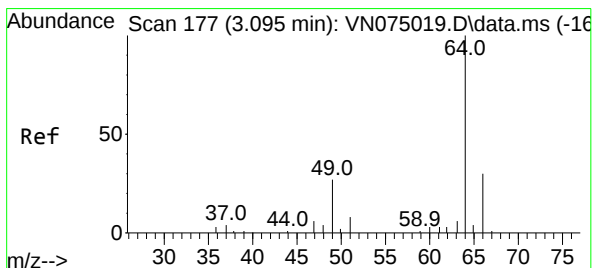
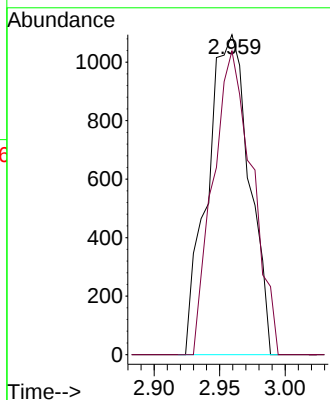
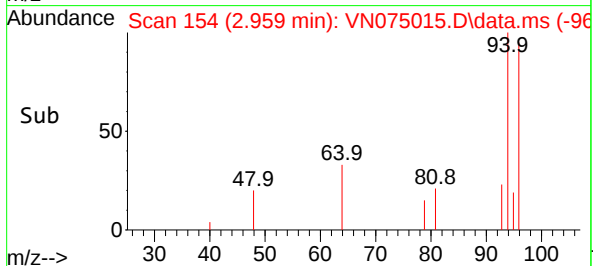
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



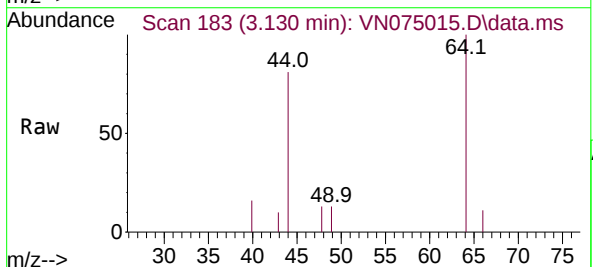
Tgt Ion: 94 Resp: 243
Ion Ratio Lower Upper
94 100
96 94.9 71.8 107.6

Manual Integrations
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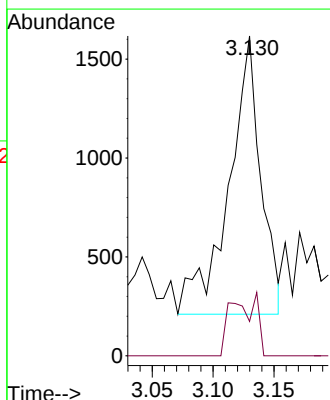
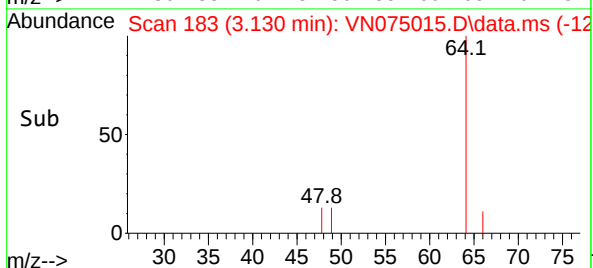
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 1.810 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.035 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



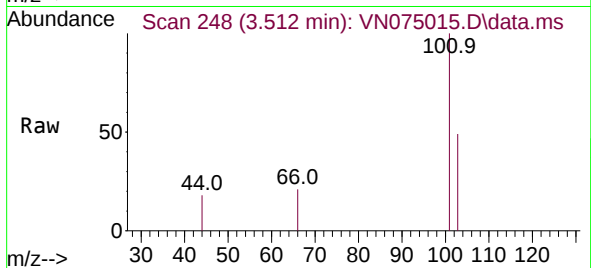
Tgt Ion: 64 Resp: 2574
Ion Ratio Lower Upper
64 100
66 12.4 23.8 35.8#





#7
Trichlorofluoromethane
Concen: 1.155 ug/l
RT: 3.512 min Scan# 244
Delta R.T. 0.023 min
Lab File: VN075015.D
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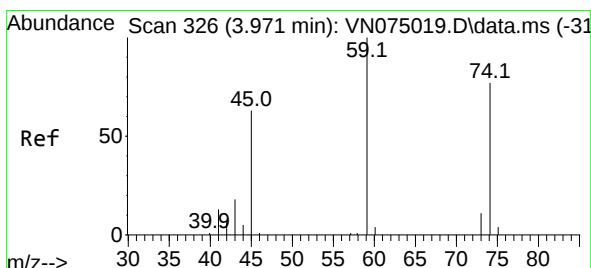
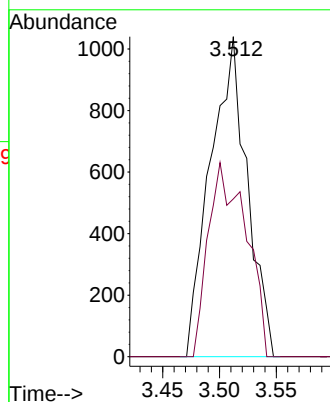
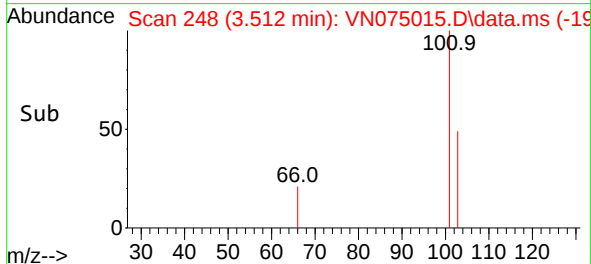
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 2340
Ion Ratio Lower Upper
101 100
103 49.3 50.5 75.7

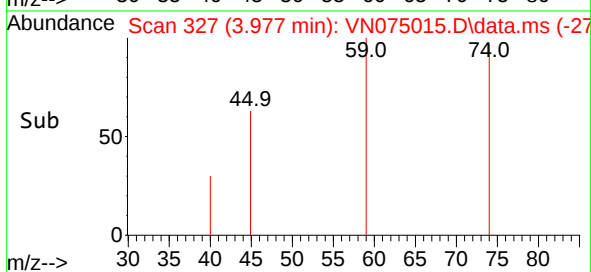
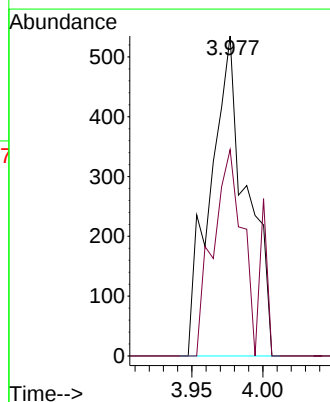
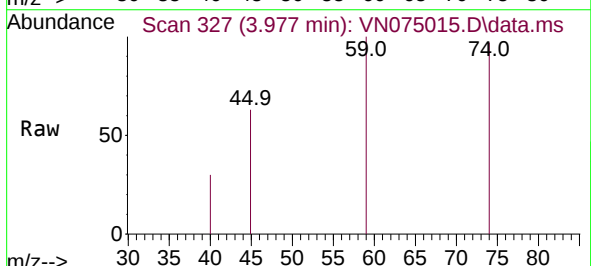
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Diethyl Ether
Concen: 1.291 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 74 Resp: 954
Ion Ratio Lower Upper
74 100
45 51.9 39.3 117.9





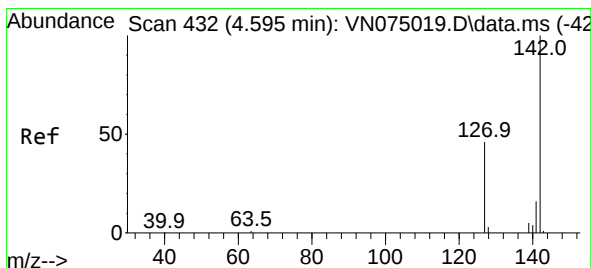
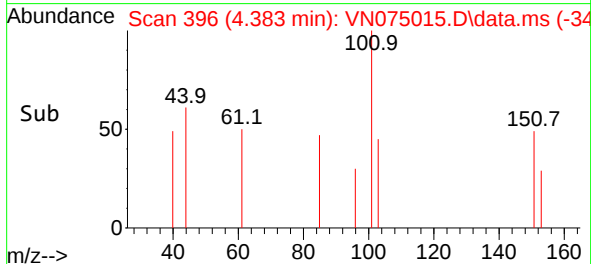
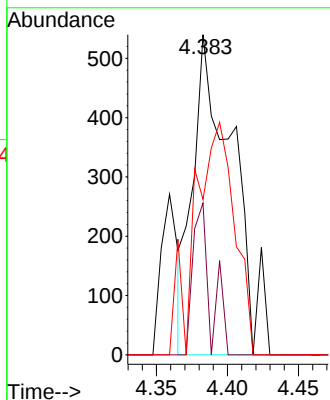
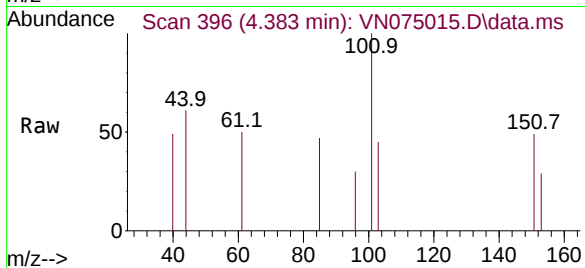
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.945 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 105
Ion Ratio Lower Upper
101 100
85 21.0 37.6 56.4
151 72.5 58.3 87.5

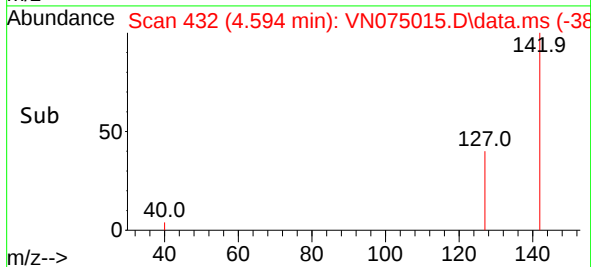
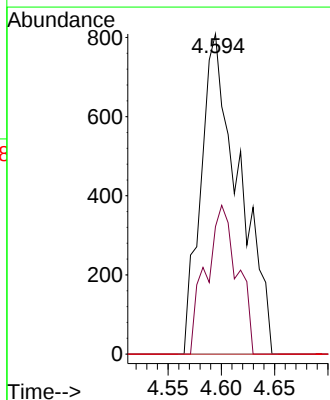
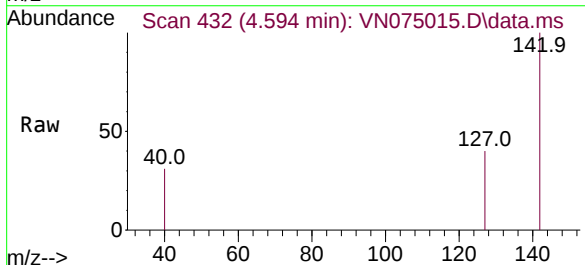
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 1.211 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion:142 Resp: 2017
Ion Ratio Lower Upper
142 100
127 38.3 38.0 57.0
141 0.0 12.2 18.4





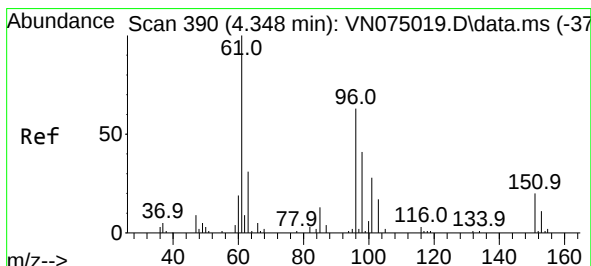
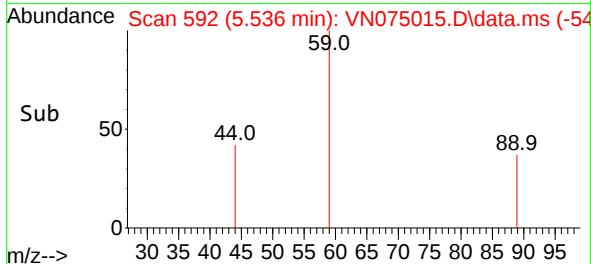
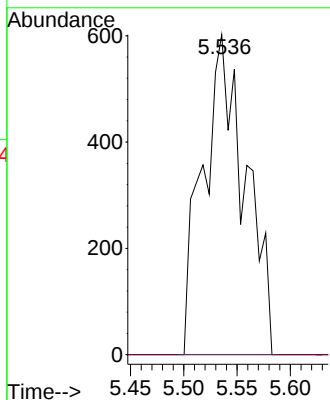
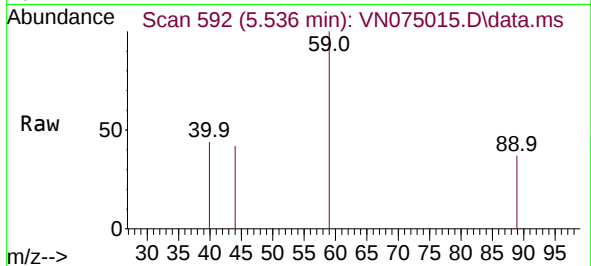
#11
Tert butyl alcohol
Concen: 5.270 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 1660
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7

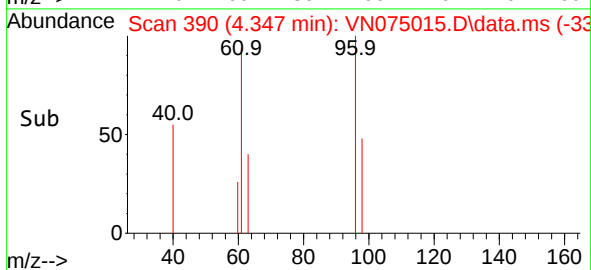
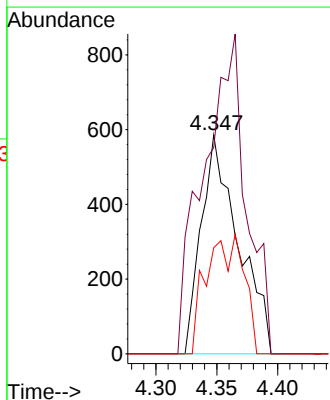
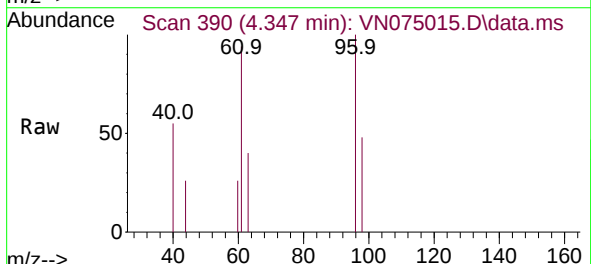
Manual Integrations
APPROVED

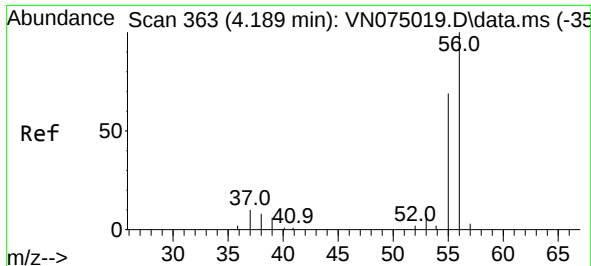
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 1.167 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 96 Resp: 1244
Ion Ratio Lower Upper
96 100
61 94.2 126.2 189.4#
98 48.5 51.5 77.3#





#13

Acrolein

Concen: 5.298 ug/l

RT: 4.206 min Scan# 30

Delta R.T. 0.017 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 56 Resp: 1370

Ion Ratio Lower Upper

56 100

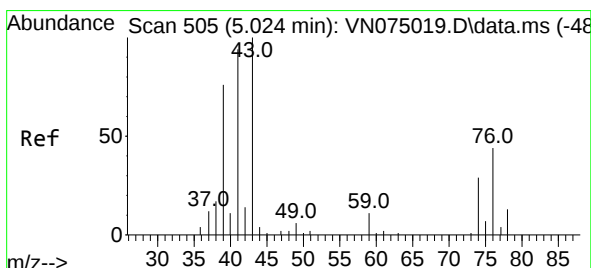
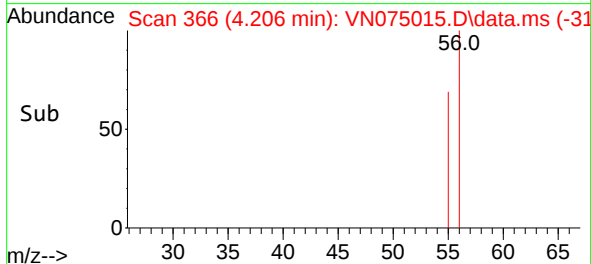
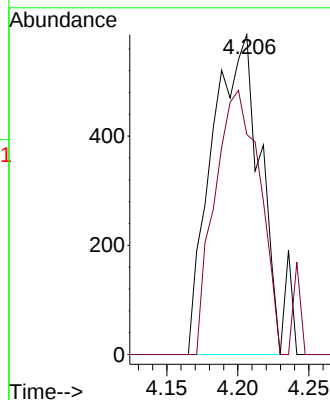
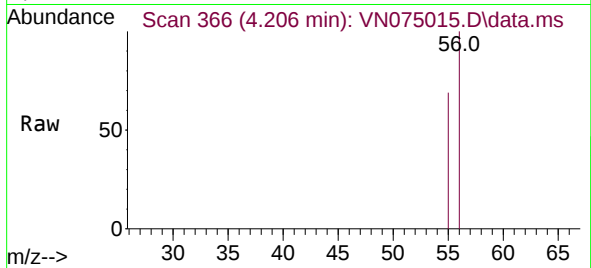
55 77.8 55.2 82.8

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#14

Allyl chloride

Concen: 0.987 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.018 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

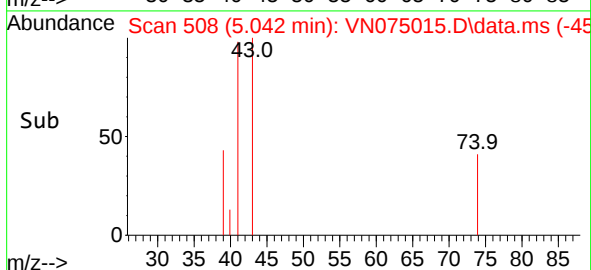
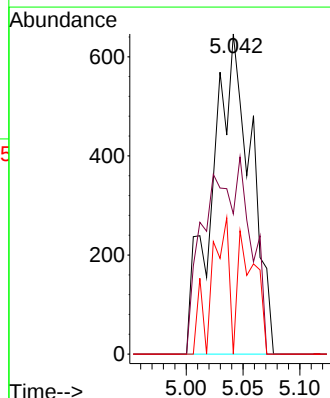
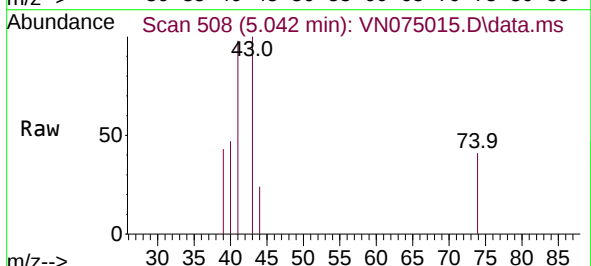
Tgt Ion: 41 Resp: 1538

Ion Ratio Lower Upper

41 100

39 71.1 61.0 91.4

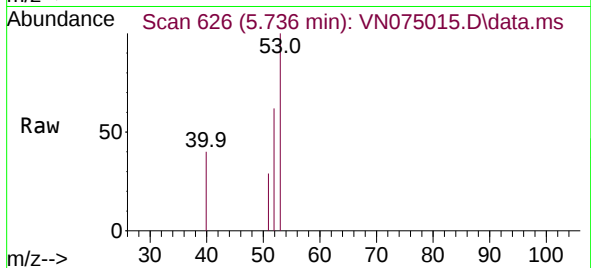
76 17.4 33.4 50.0#





#15
Acrylonitrile
Concen: 5.497 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

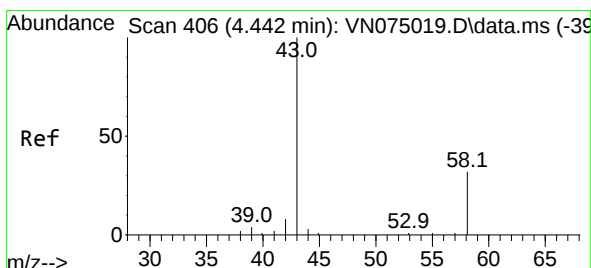
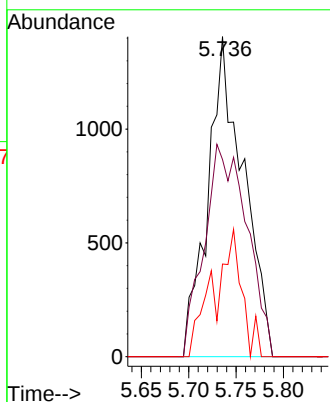
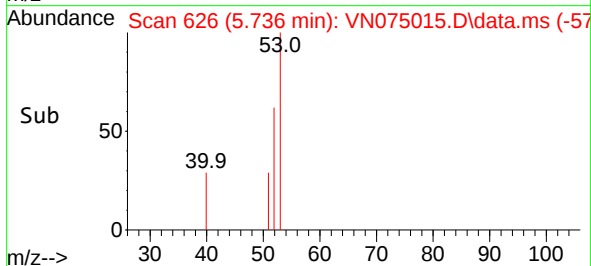
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



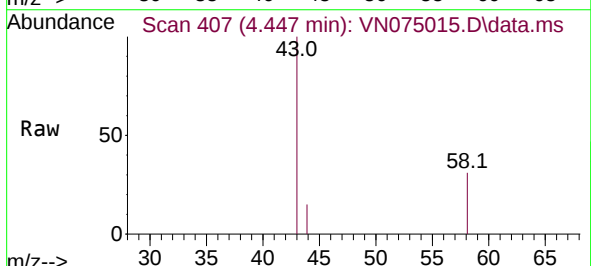
Tgt Ion: 53 Resp: 367
Ion Ratio Lower Upper
53 100
52 79.5 66.4 99.6
51 11.1 29.6 44.4

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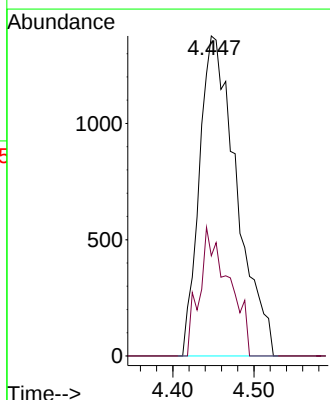
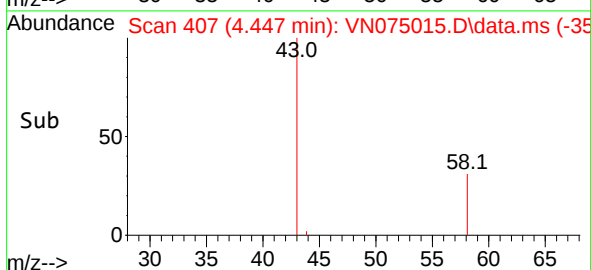
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

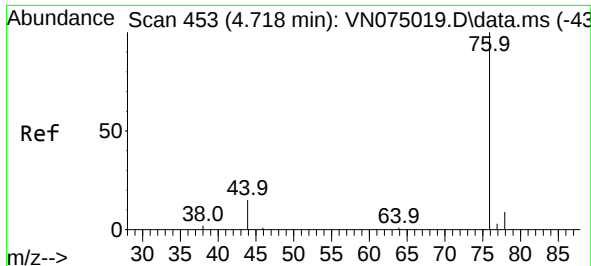


#16
Acetone
Concen: 7.642 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



Tgt Ion: 43 Resp: 4386
Ion Ratio Lower Upper
43 100
58 31.3 25.5 38.3





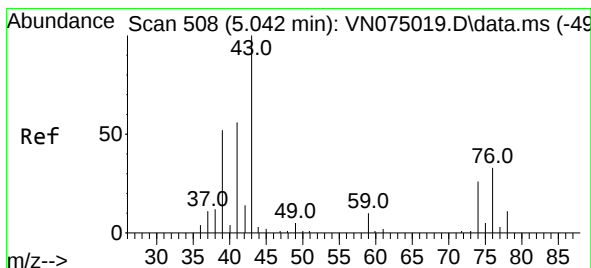
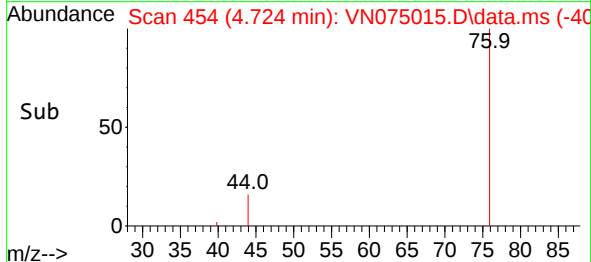
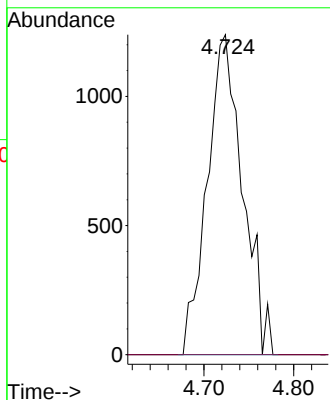
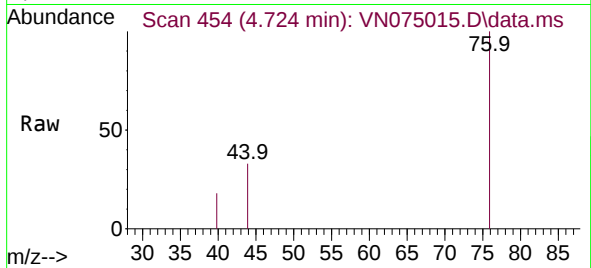
#17
Carbon Disulfide
Concen: 1.268 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 340
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2

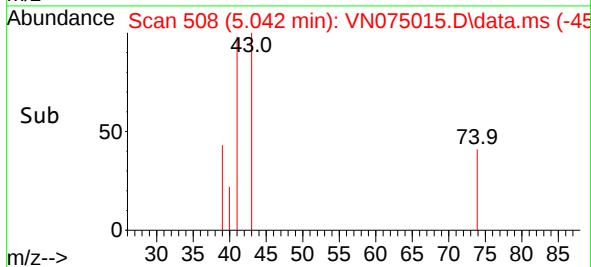
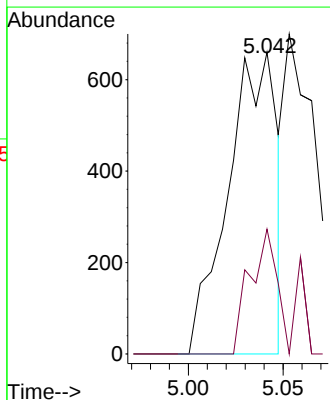
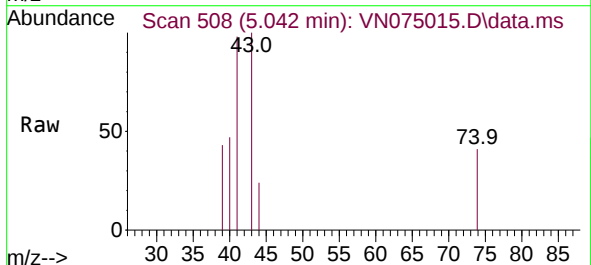
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APPROVED

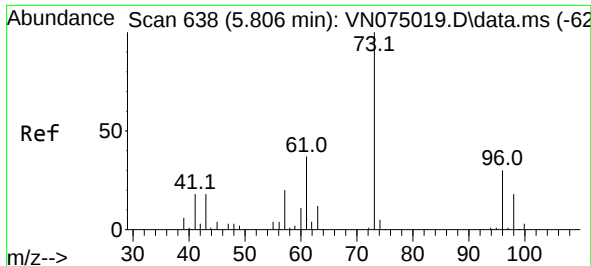
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
74 22.8 22.0 33.0





#19

Methyl tert-butyl Ether

Concen: 1.093 ug/l

RT: 5.818 min Scan# 640

Delta R.T. 0.012 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 73 Resp: 433

Ion Ratio Lower Upper

73 100

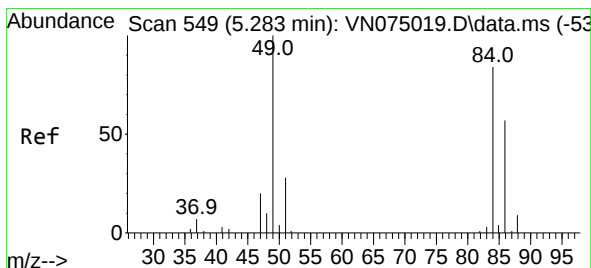
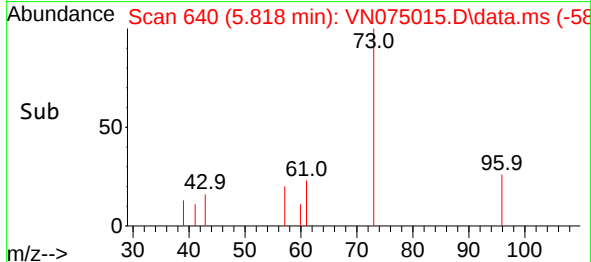
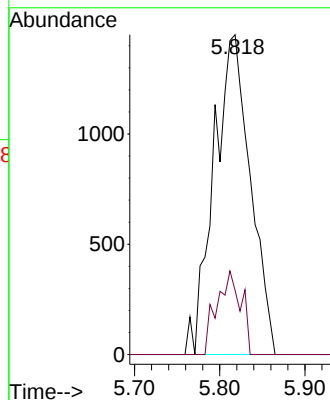
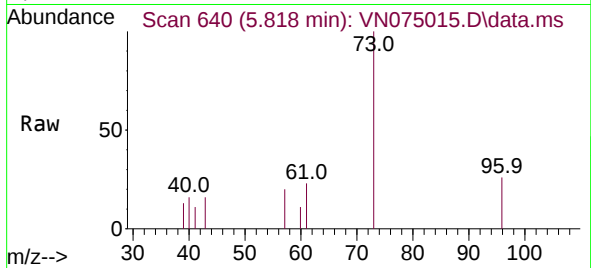
57 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#20

Methylene Chloride

Concen: 0.645 ug/l

RT: 5.283 min Scan# 549

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Tgt Ion: 84 Resp: 825

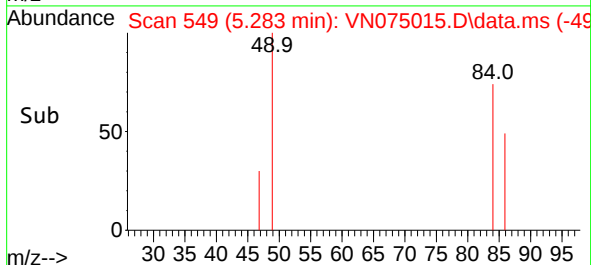
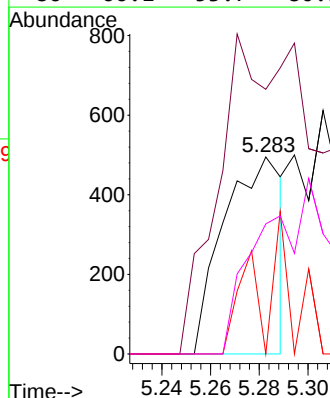
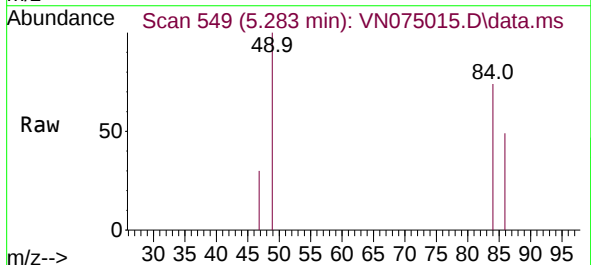
Ion Ratio Lower Upper

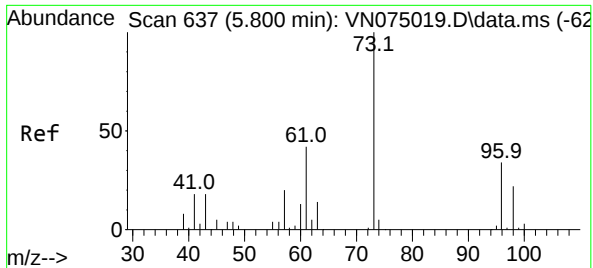
84 100

49 134.3 94.9 142.3

51 0.0 26.8 40.2#

86 66.1 53.7 80.5





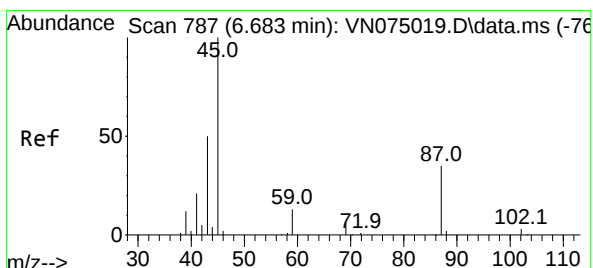
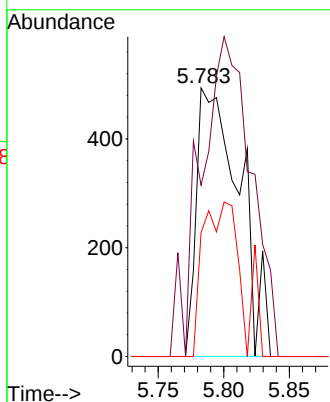
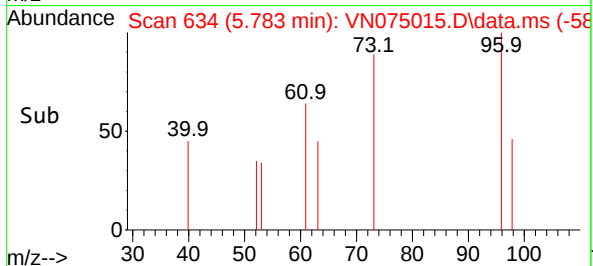
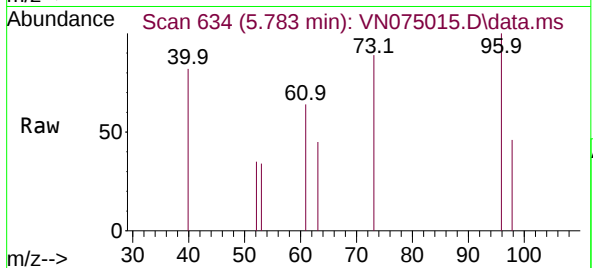
#21
trans-1,2-Dichloroethene
Concen: 0.963 ug/l
RT: 5.783 min Scan# 612
Delta R.T. -0.017 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 112
Ion Ratio Lower Upper
96 100
61 63.8 99.9 149.9
98 46.2 51.5 77.3

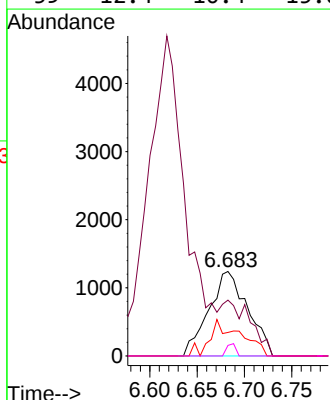
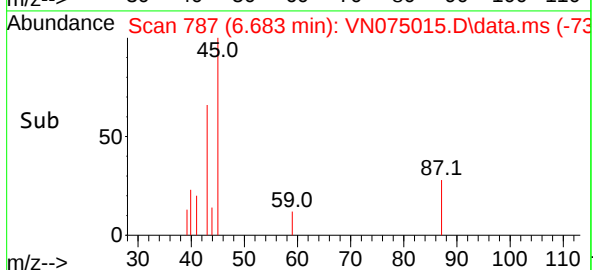
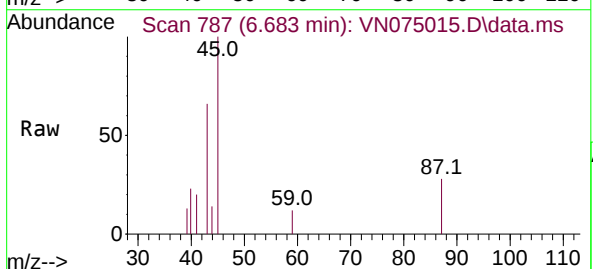
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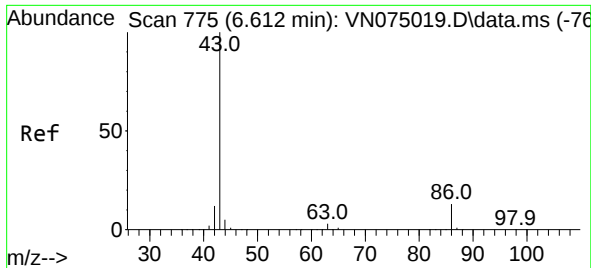
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 1.030 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 45 Resp: 3542
Ion Ratio Lower Upper
45 100
43 66.1 42.8 64.2#
87 27.8 28.4 42.6#
59 12.4 10.4 15.6





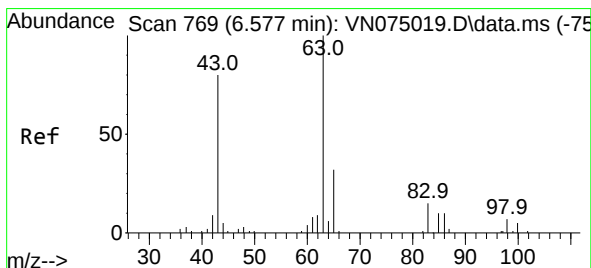
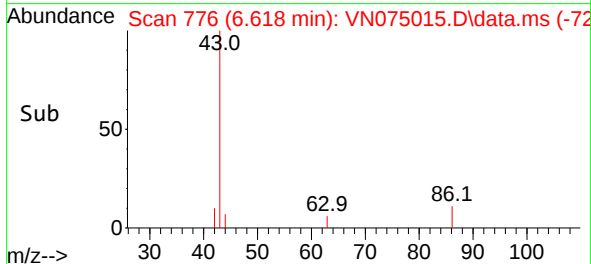
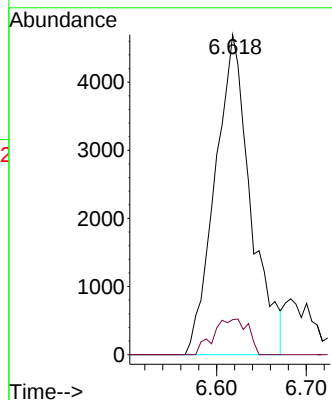
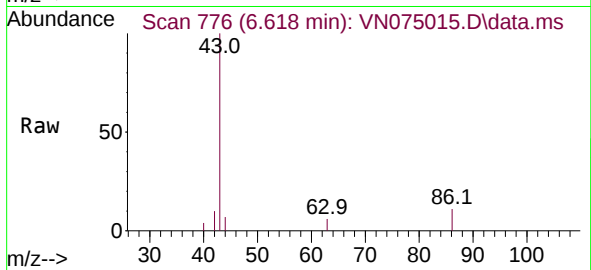
#23
 Vinyl Acetate
 Concen: 4.507 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075015.D
 Acq: 26 Oct 2022 10:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 12930
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.7 16.1

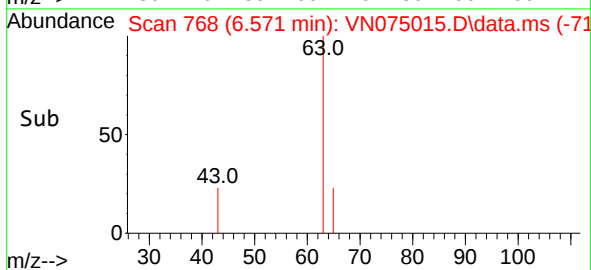
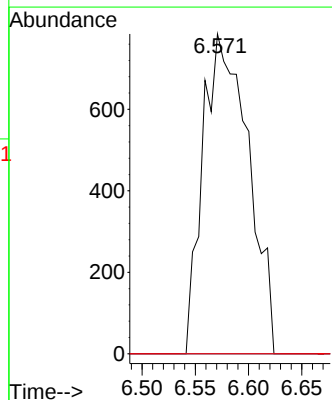
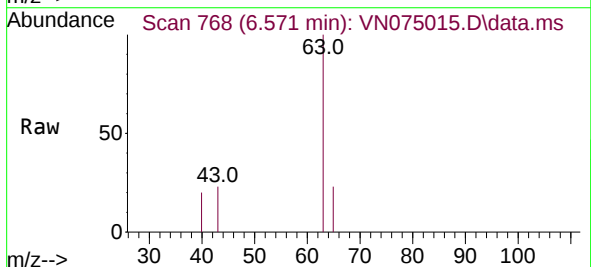
Manual Integrations
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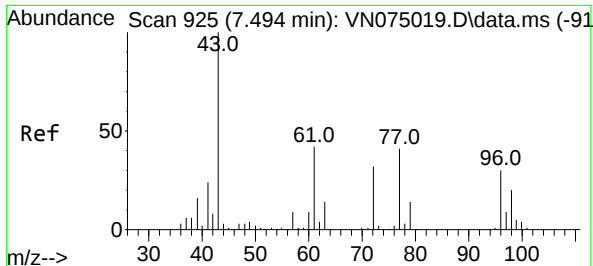
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 1.072 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075015.D
 Acq: 26 Oct 2022 10:37

Tgt Ion: 63 Resp: 2330
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 5.818 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

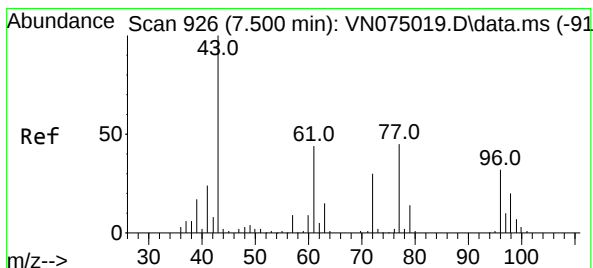
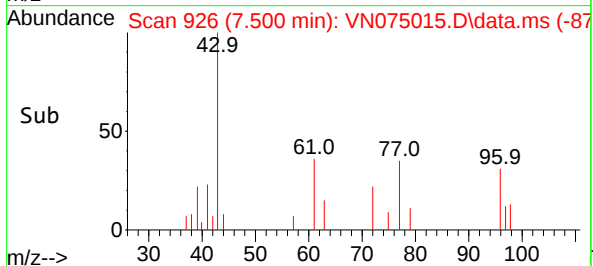
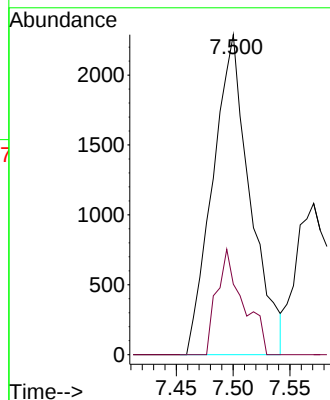
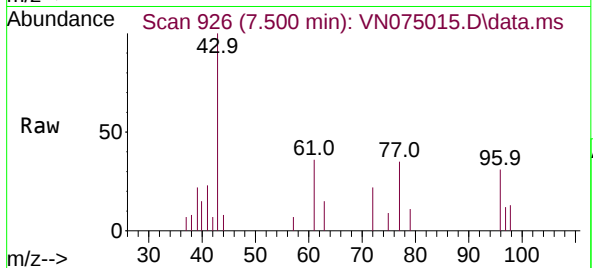
72 22.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

2,2-Dichloropropane

Concen: 1.199 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.006 min

Lab File: VN075015.D

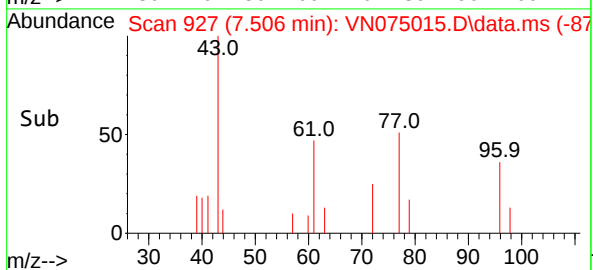
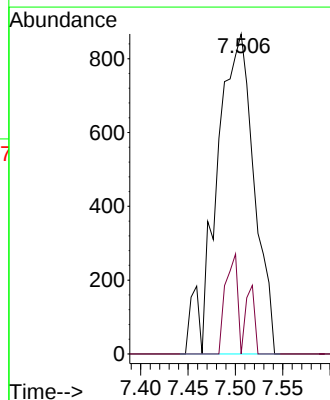
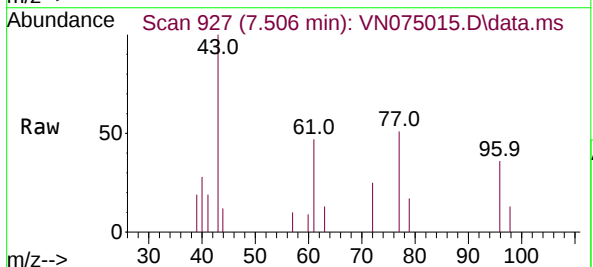
Acq: 26 Oct 2022 10:37

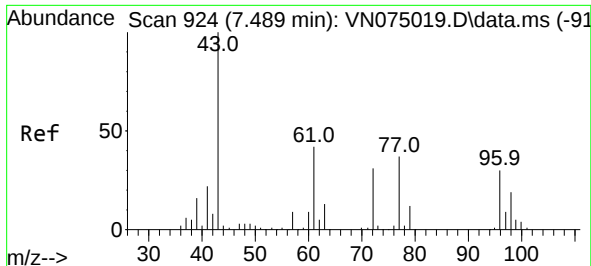
Tgt Ion: 77 Resp: 2397

Ion Ratio Lower Upper

77 100

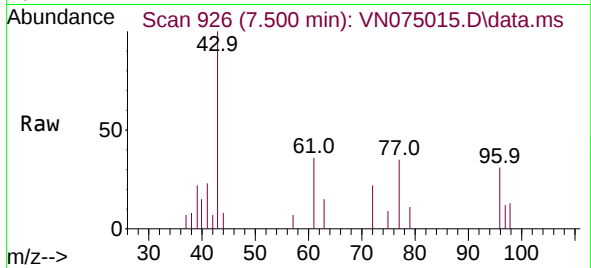
97 10.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 1.136 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.011 min
 Lab File: VN075015.D
 Acq: 26 Oct 2022 10:37

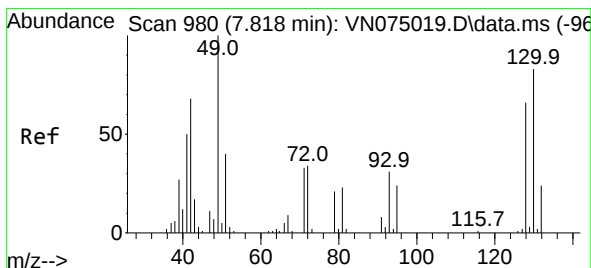
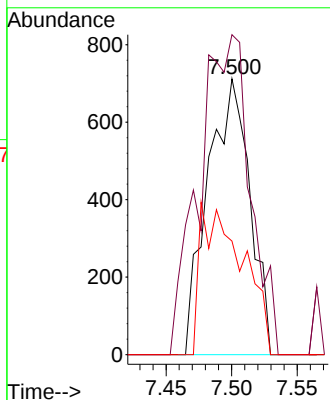
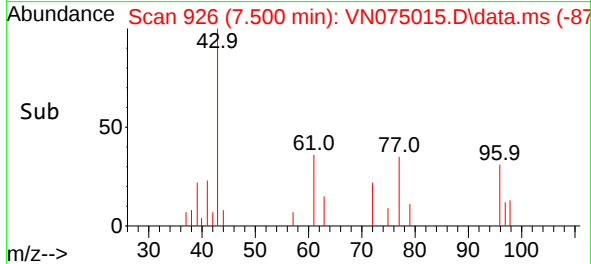
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 1584
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 278.8
 98 0.0 0.0 128.4

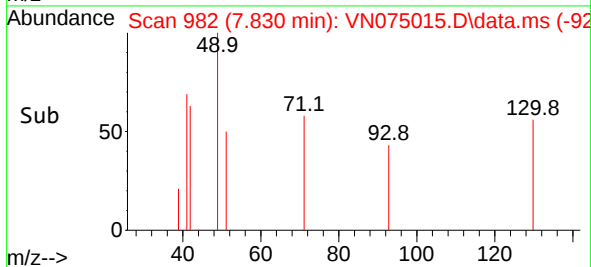
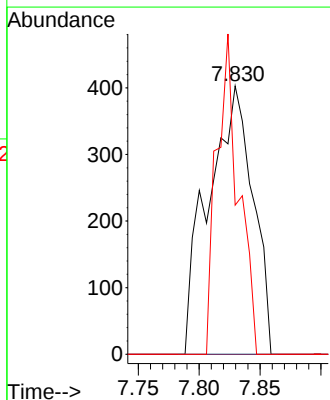
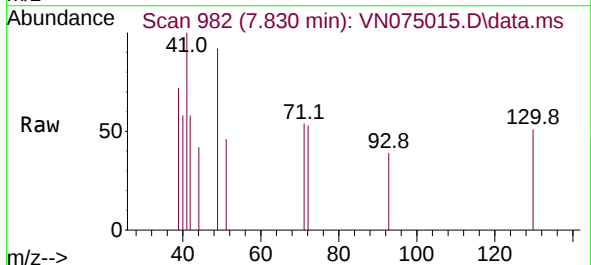
Manual Integrations
 APPROVED

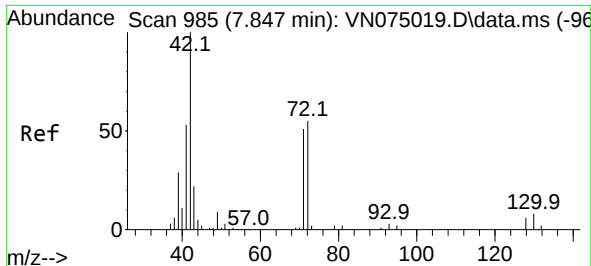
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 1.119 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.012 min
 Lab File: VN075015.D
 Acq: 26 Oct 2022 10:37

Tgt Ion: 49 Resp: 1025
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 58.8 66.2 99.4#





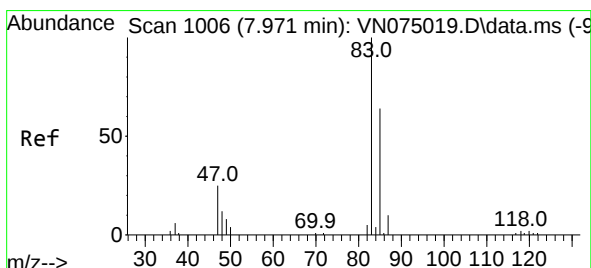
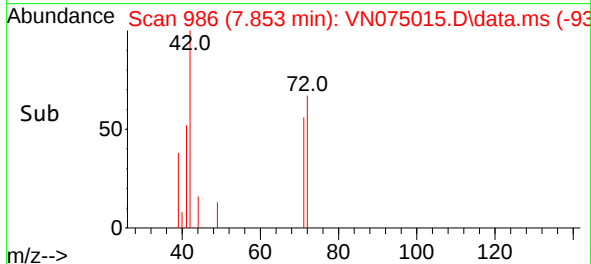
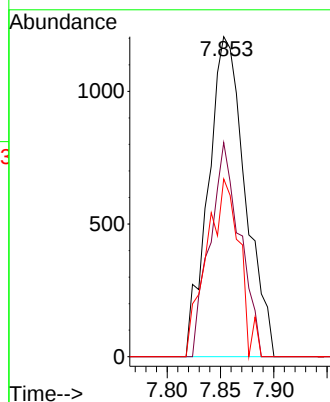
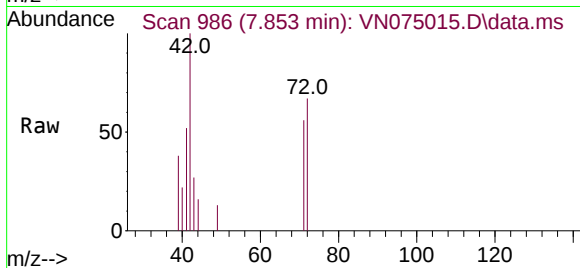
#29
Tetrahydrofuran
Concen: 4.997 ug/l
RT: 7.853 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 2915
Ion Ratio Lower Upper
42 100
72 54.3 43.0 64.6
71 49.5 39.9 59.9

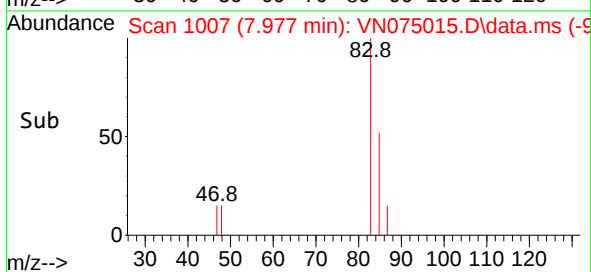
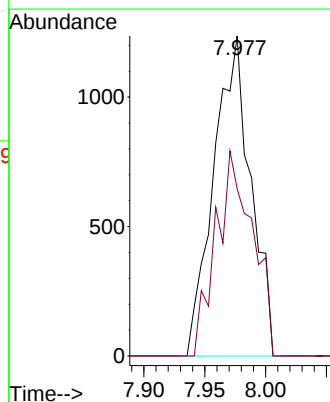
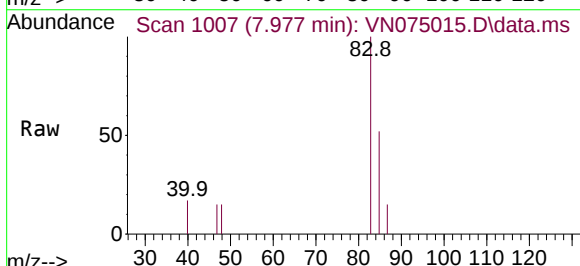
Manual Integrations
APPROVED

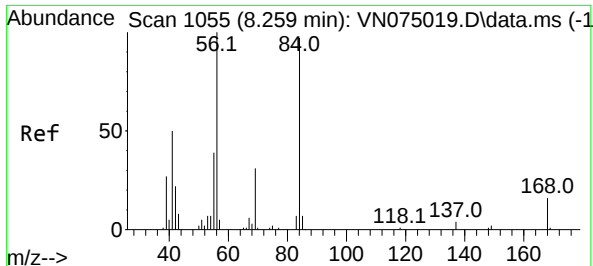
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Chloroform
Concen: 1.106 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

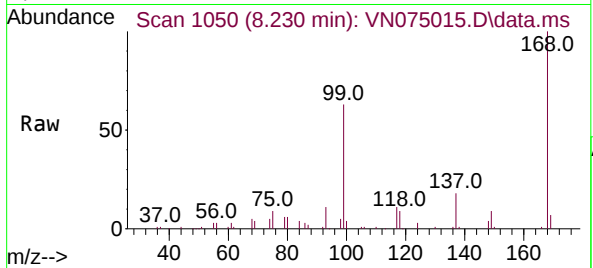
Tgt Ion: 83 Resp: 2610
Ion Ratio Lower Upper
83 100
85 52.2 51.4 77.0





#31
Cyclohexane
Concen: 2.359 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

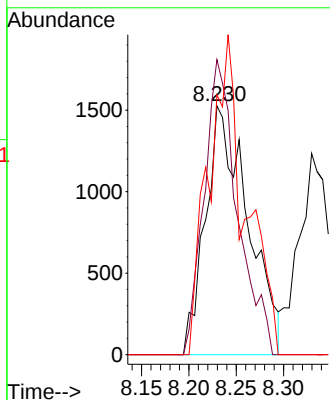
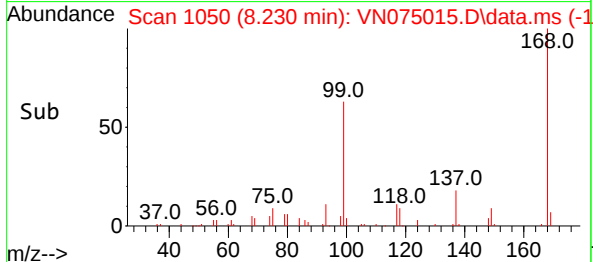
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 56 Resp: 4750
Ion Ratio Lower Upper
56 100
69 118.6 25.2 37.8#
84 104.5 77.8 116.8#

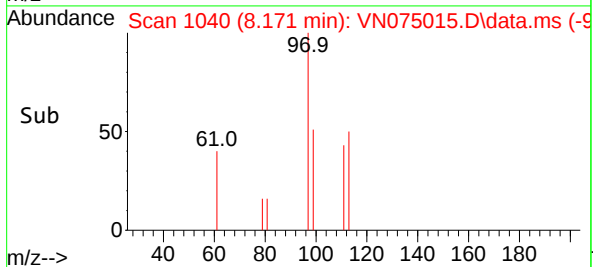
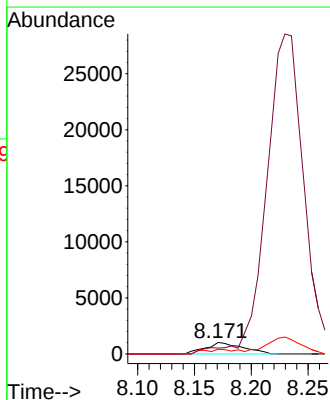
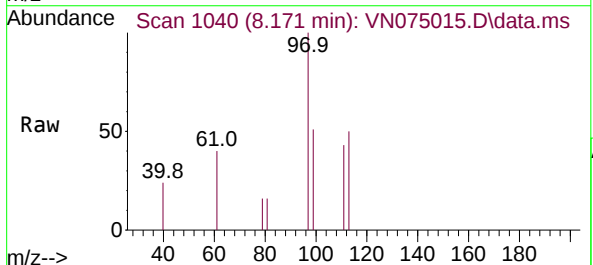
Manual Integrations
APPROVED

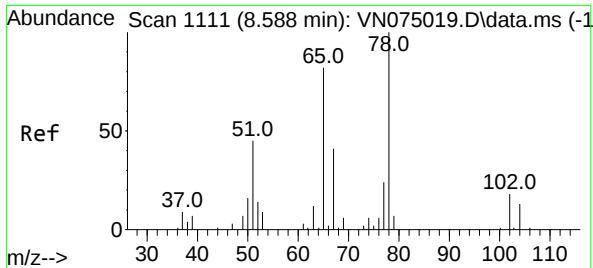
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 1.091 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 97 Resp: 2339
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 29.1 37.0 55.6#





#33

1,2-Dichloroethane-d4

Concen: 1.287 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 65 Resp: 174

Ion Ratio Lower Upper

65 100

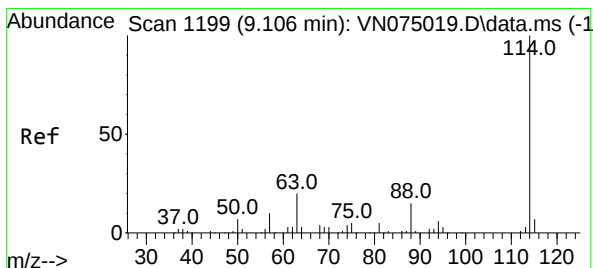
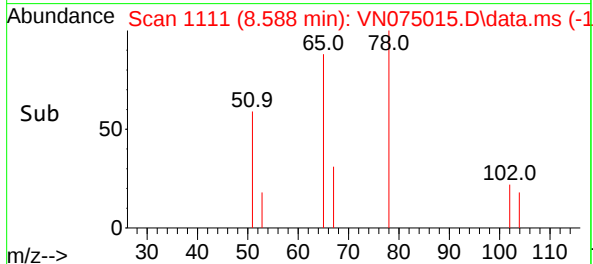
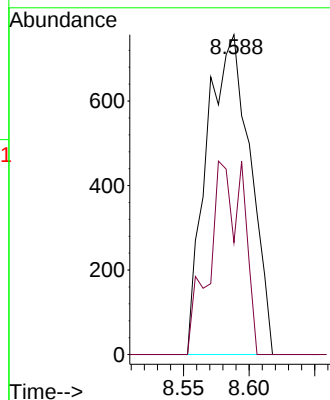
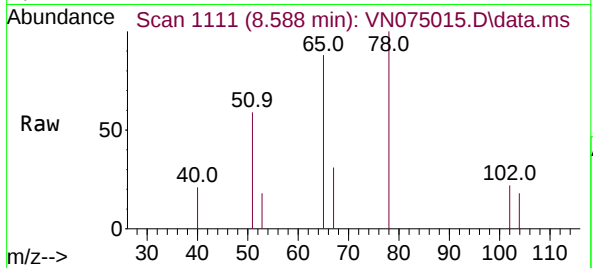
67 47.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

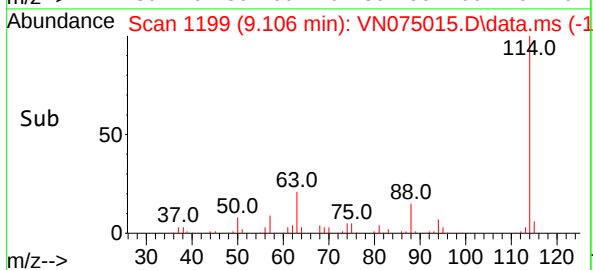
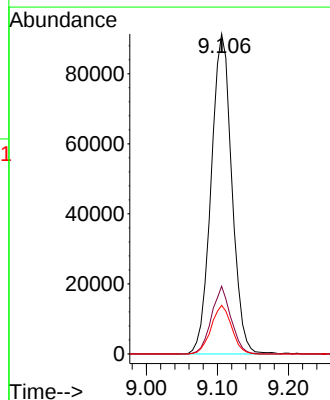
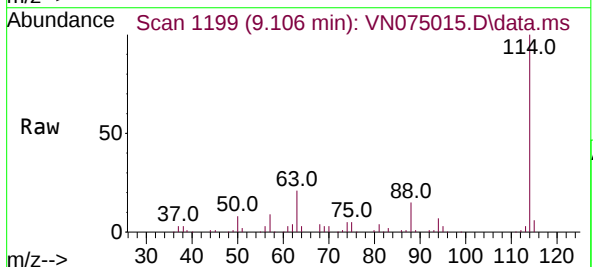
Tgt Ion:114 Resp: 184546

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 1.138 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

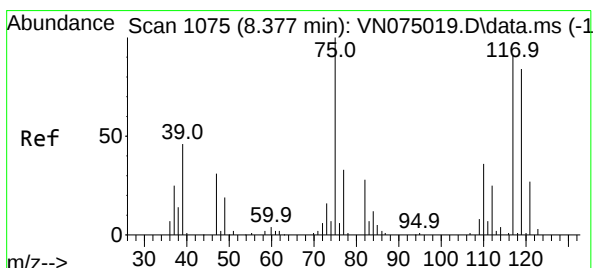
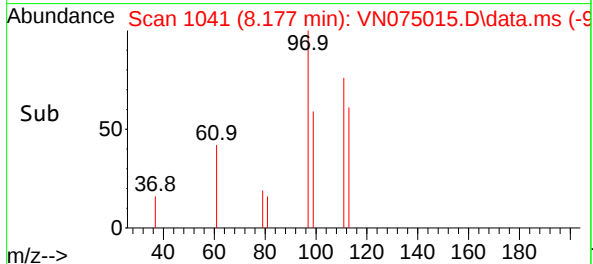
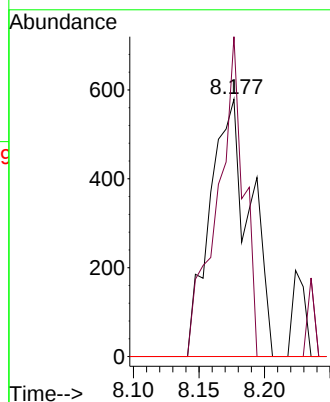
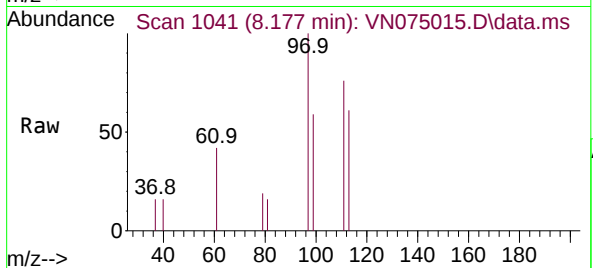
Tgt Ion:	113	Resp:	123
Ion	Ratio	Lower	Upper
113	100		
111	82.6	80.5	120.7
192	0.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 1.106 ug/l

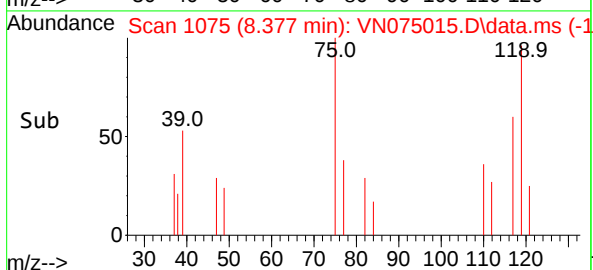
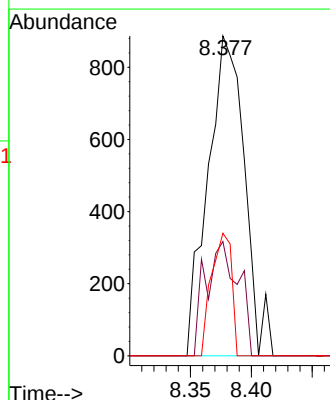
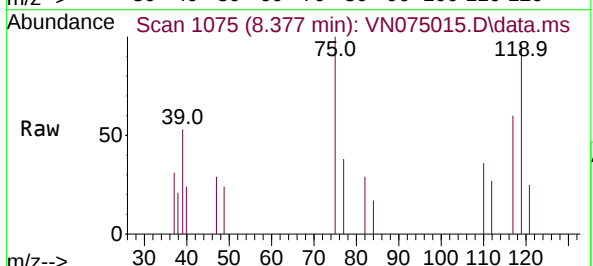
RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Tgt Ion:	75	Resp:	1855
Ion	Ratio	Lower	Upper
75	100		
110	31.9	17.8	53.3
77	21.1	24.6	37.0





#37

Ethyl Acetate

Concen: 1.332 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

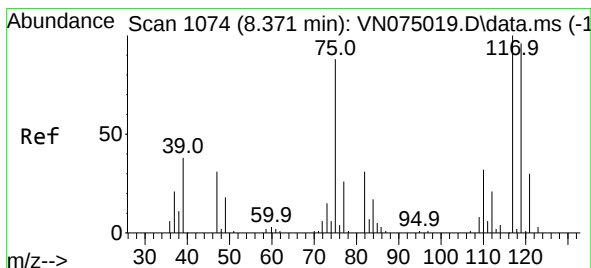
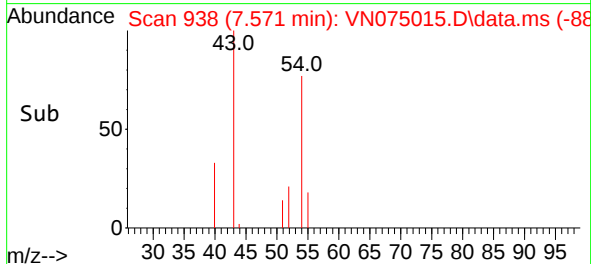
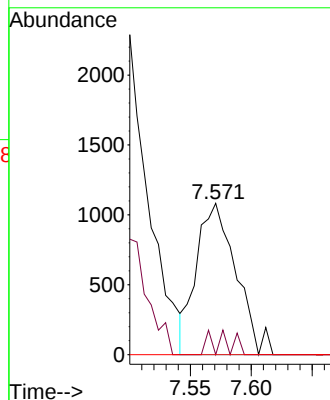
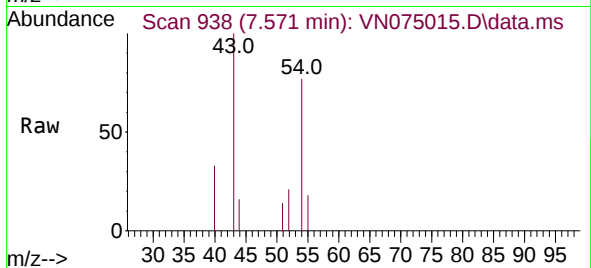
Tgt Ion: 43	Resp: 245
Ion Ratio	Lower Upper
43 100	
61 0.0	12.2 18.4
70 0.0	9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 0.462 ug/l

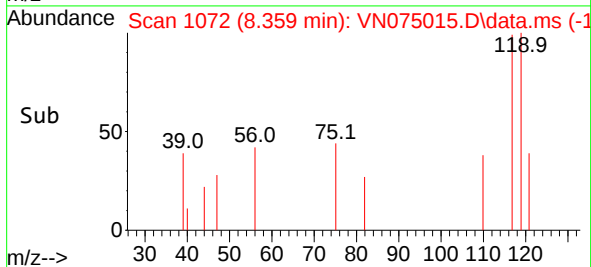
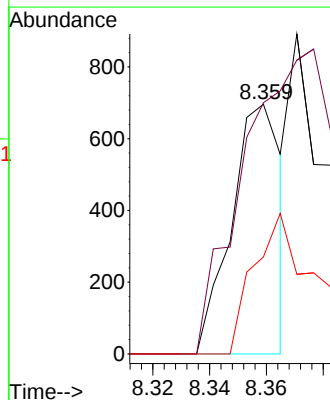
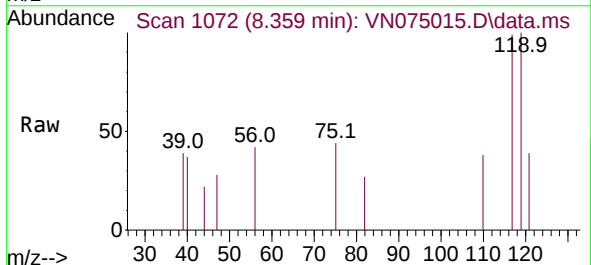
RT: 8.359 min Scan# 1072

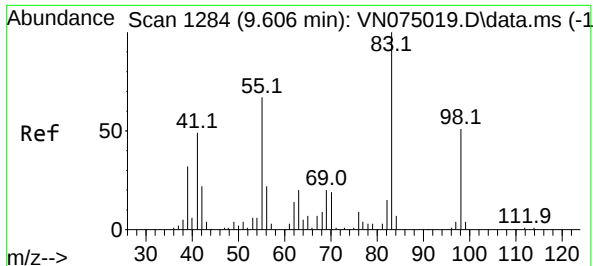
Delta R.T. -0.012 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Tgt Ion: 117	Resp: 852
Ion Ratio	Lower Upper
117 100	
119 100.6	76.7 115.1
121 38.8	23.9 35.9





#39

Methylcyclohexane

Concen: 1.017 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 225

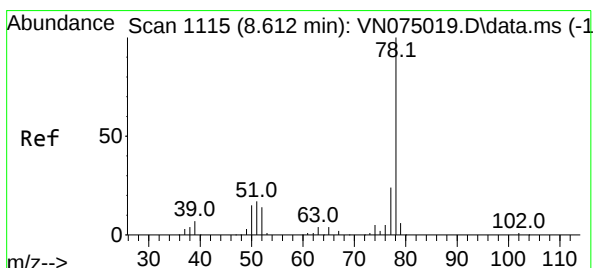
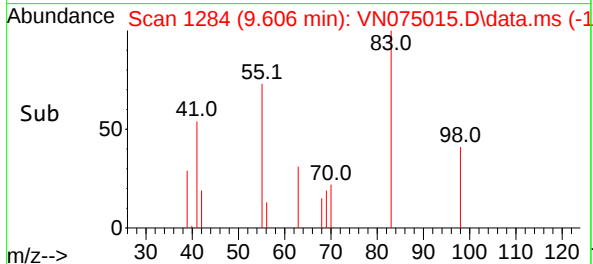
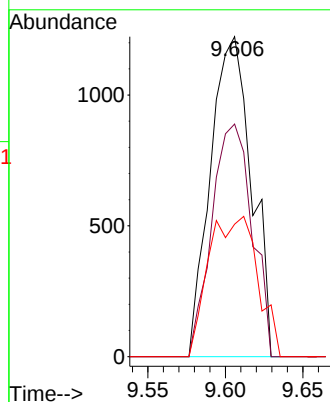
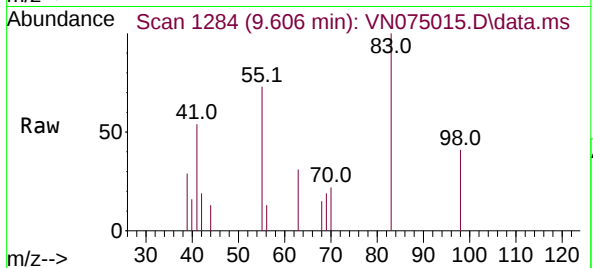
Ion	Ratio	Lower	Upper
83	100		
55	72.7	53.6	80.4
98	41.4	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 1.156 ug/l

RT: 8.618 min Scan# 1116

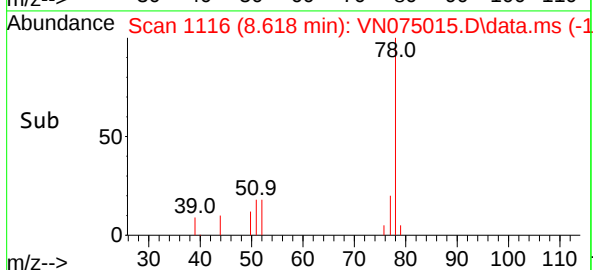
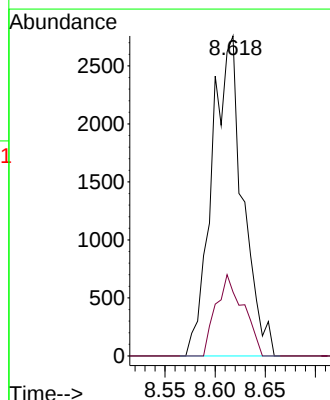
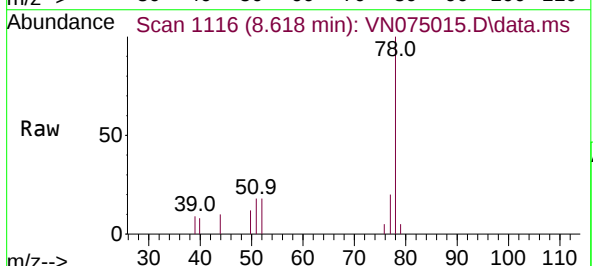
Delta R.T. 0.006 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Tgt Ion: 78 Resp: 5939

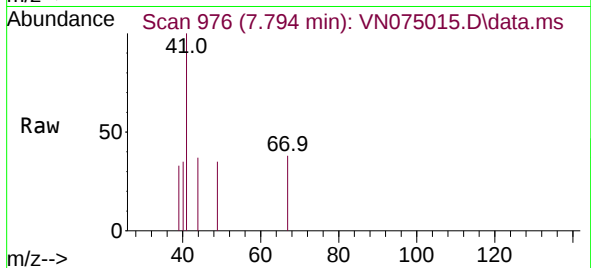
Ion	Ratio	Lower	Upper
78	100		
77	20.0	19.4	29.0





#41
Methacrylonitrile
Concen: 0.925 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

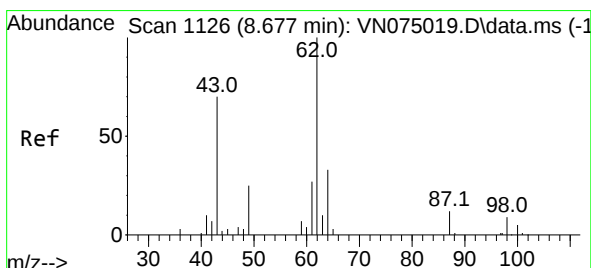
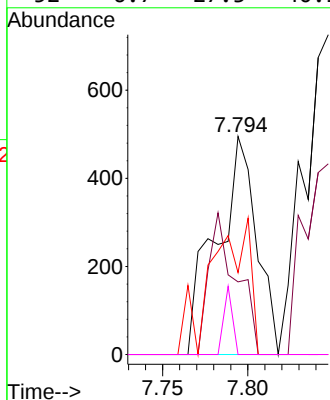
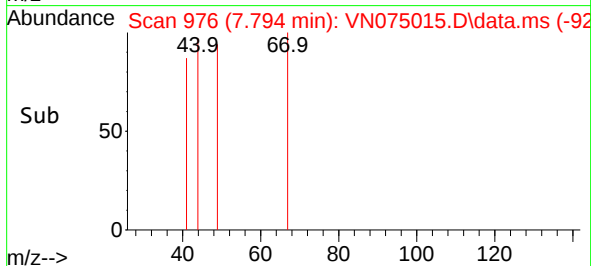
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 41 Resp: 81
Ion Ratio Lower Upper
41 100
39 44.5 44.4 66.6
67 58.9 69.8 104.6
52 6.7 27.3 40.9

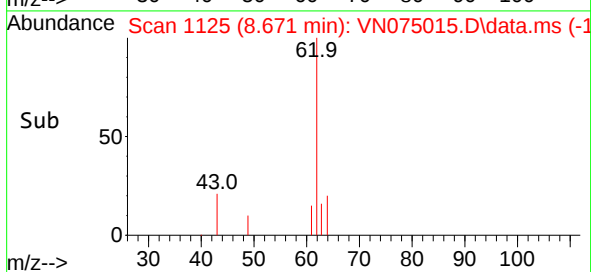
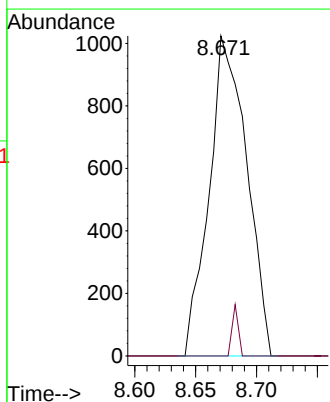
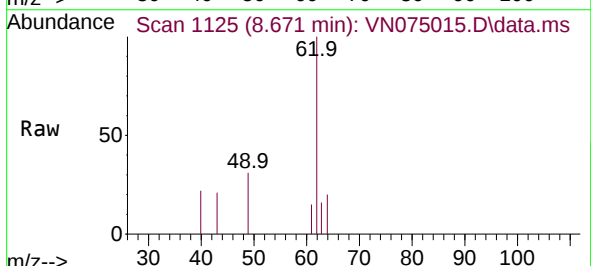
Manual Integrations
APPROVED

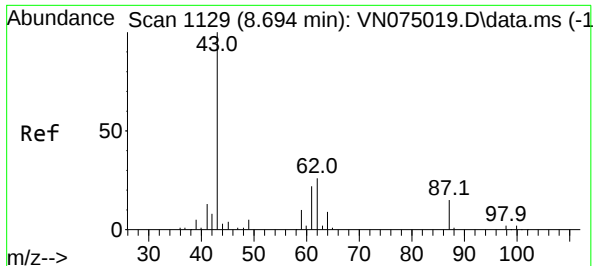
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 1.177 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 62 Resp: 2200
Ion Ratio Lower Upper
62 100
98 2.6 0.0 18.2





#43

Isopropyl Acetate

Concen: 1.018 ug/l

RT: 8.700 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

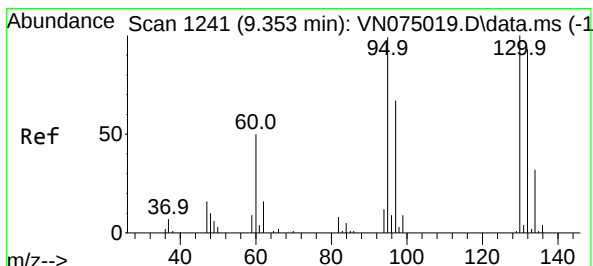
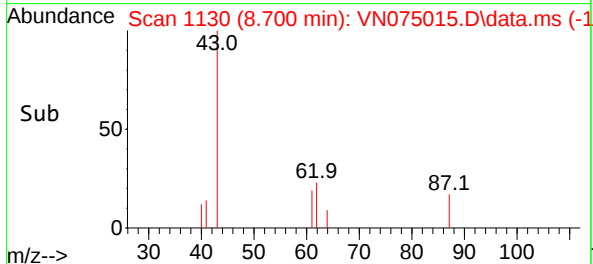
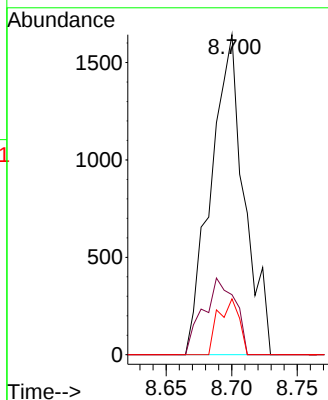
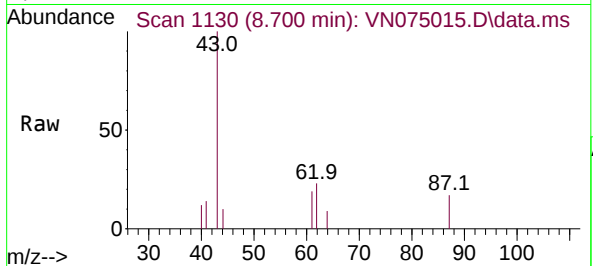
Tgt Ion: 43	Resp: 2904
Ion Ratio	Lower Upper
43 100	
61 22.8	22.4 33.6
87 10.9	12.5 18.7

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 1.068 ug/l

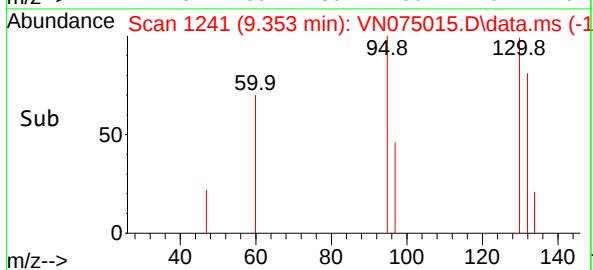
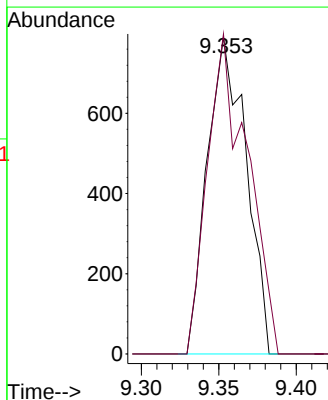
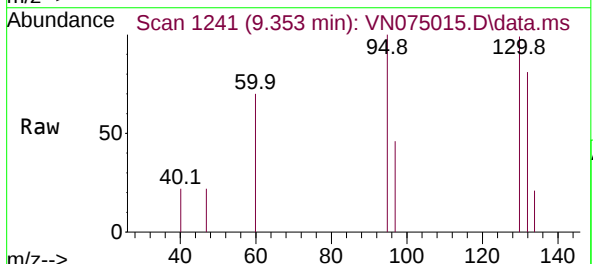
RT: 9.353 min Scan# 1241

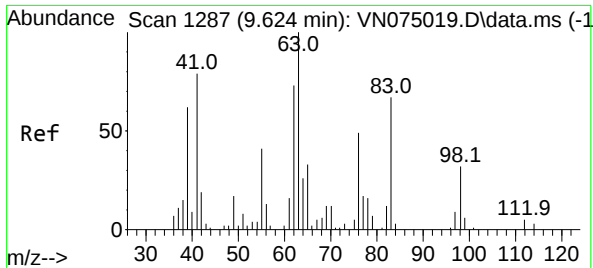
Delta R.T. 0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Tgt Ion:130	Resp: 1376
Ion Ratio	Lower Upper
130 100	
95 100.9	0.0 198.4





#45

1,2-Dichloropropane

Concen: 1.175 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 1430

Ion Ratio Lower Upper

63 100

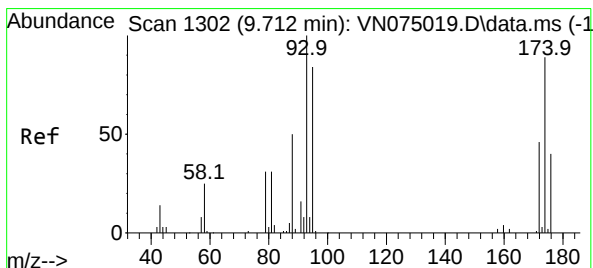
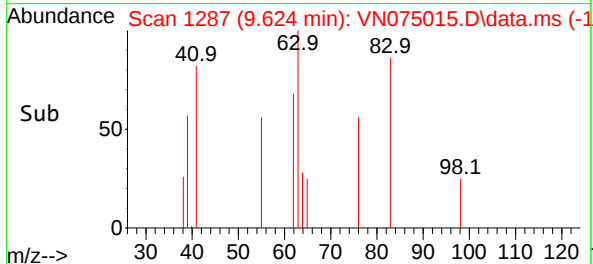
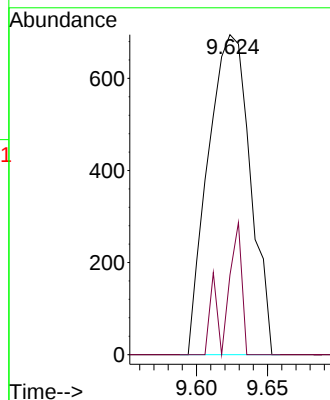
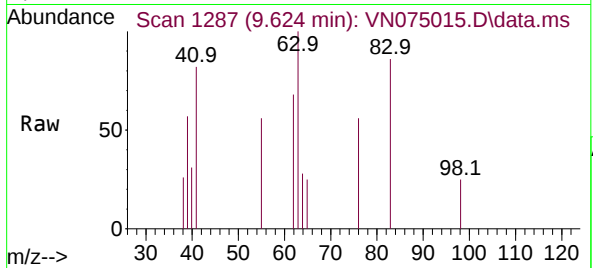
65 24.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 1.027 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

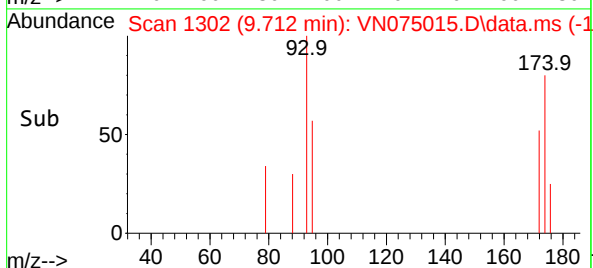
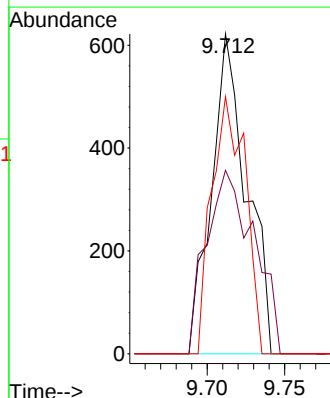
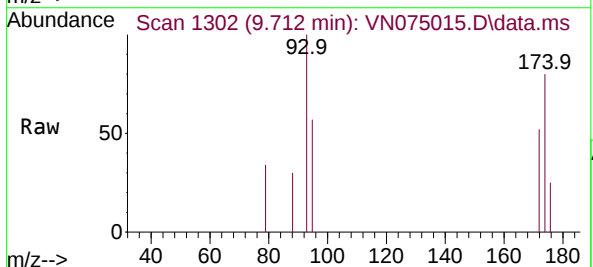
Tgt Ion: 93 Resp: 978

Ion Ratio Lower Upper

93 100

95 78.1 66.6 99.8

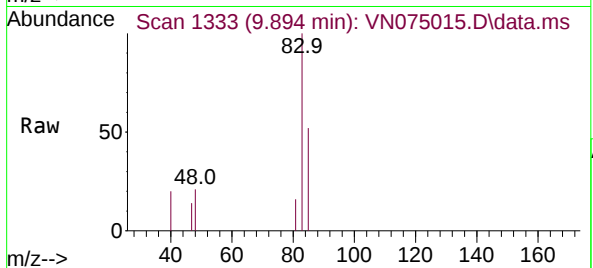
174 77.3 70.3 105.5





#47
Bromodichloromethane
Concen: 1.022 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

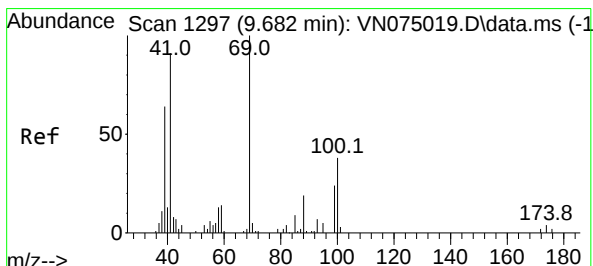
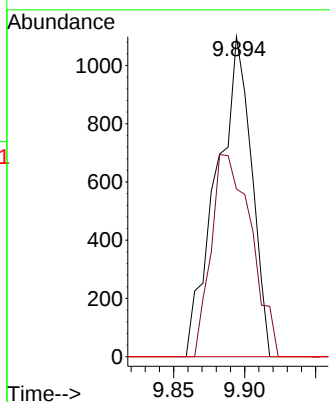
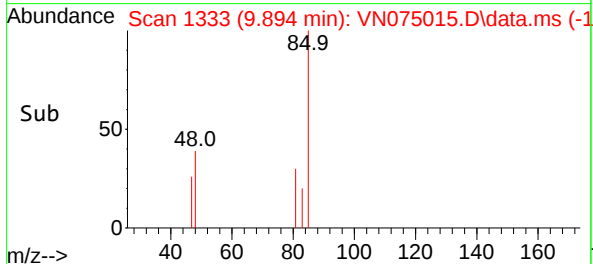
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



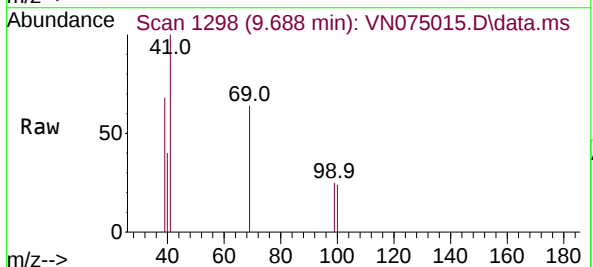
Tgt Ion: 83 Resp: 188
Ion Ratio Lower Upper
83 100
85 52.4 52.1 78.1
127 0.0 6.6 10.0

Manual Integrations
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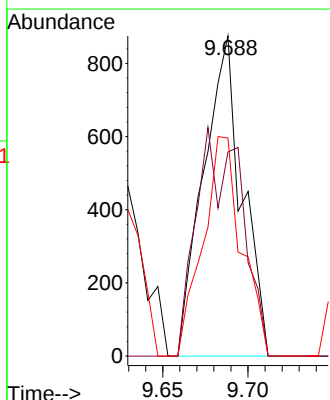
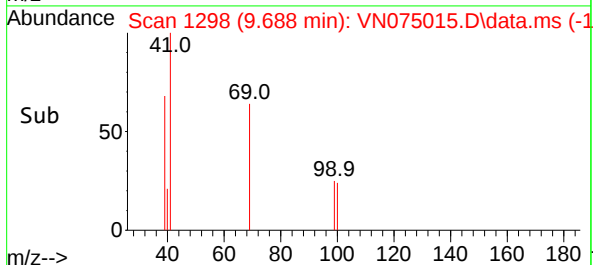
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

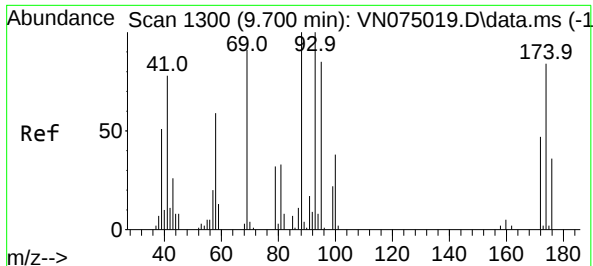


#48
Methyl methacrylate
Concen: 1.056 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



Tgt Ion: 41 Resp: 1382
Ion Ratio Lower Upper
41 100
69 83.4 80.2 120.2
39 68.5 56.2 84.2





#49

1,4-Dioxane

Concen: 12.780 ug/l

RT: 9.706 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

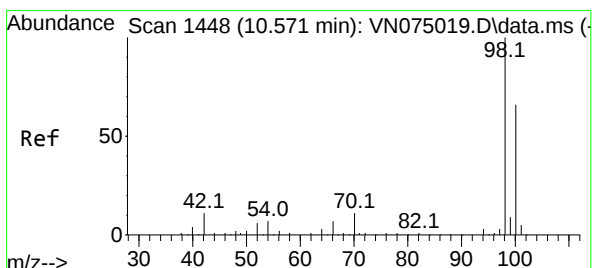
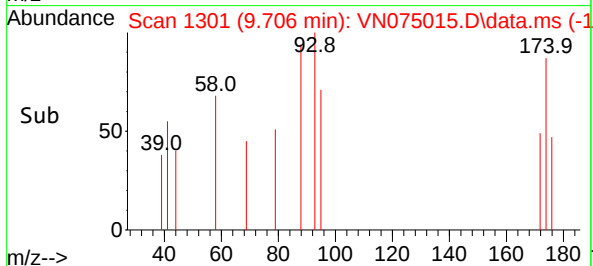
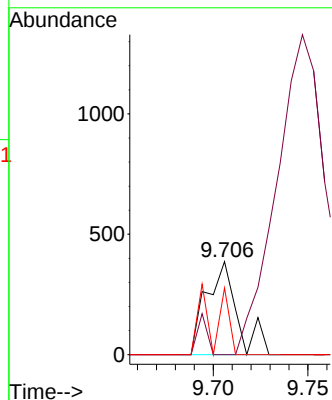
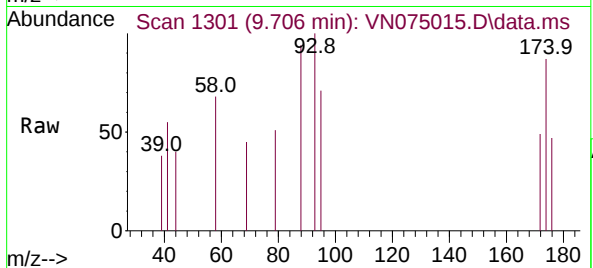
Tgt Ion: 88 Resp: 438
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.5 26.3
 58 45.9 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 1.120 ug/l

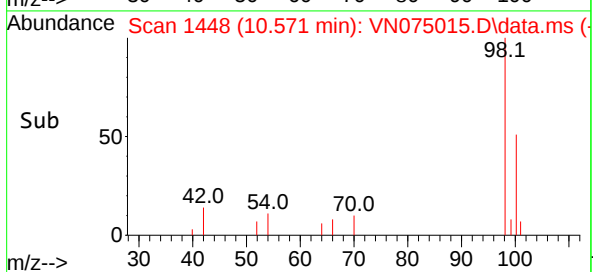
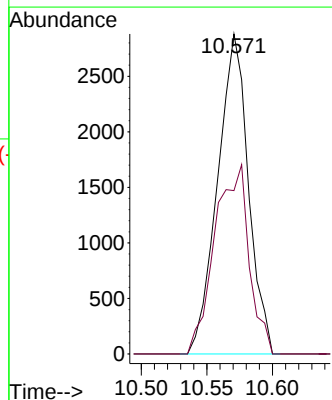
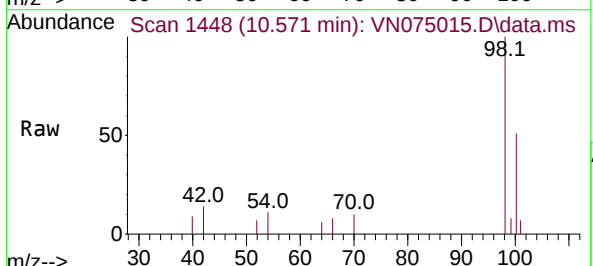
RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

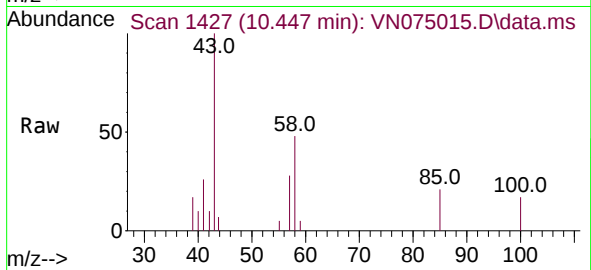
Tgt Ion: 98 Resp: 4709
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 4.540 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

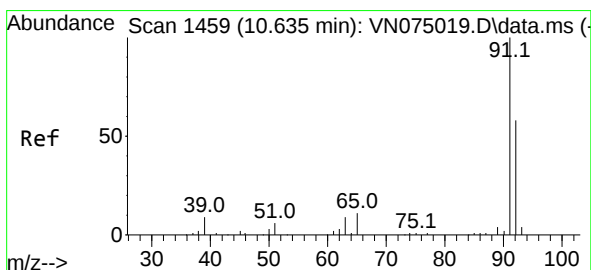
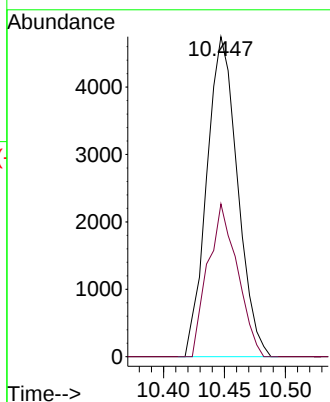
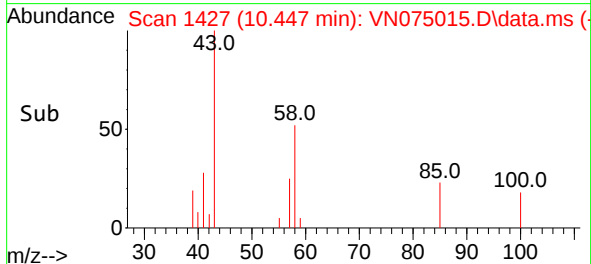
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 45.7 33.6 50.4

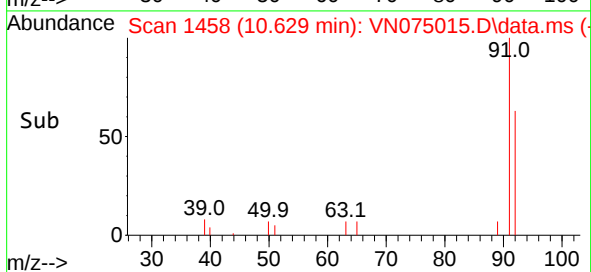
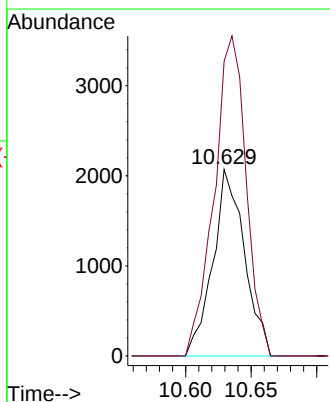
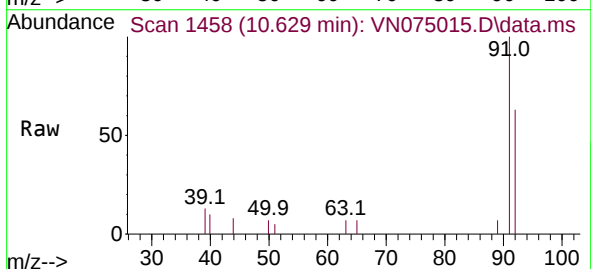
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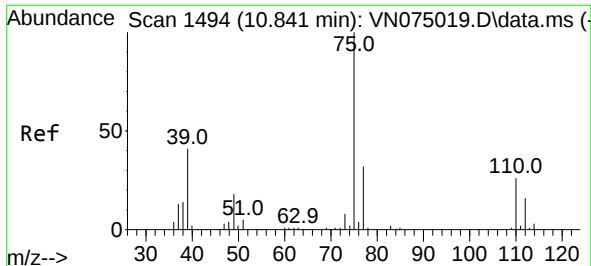
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 1.008 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

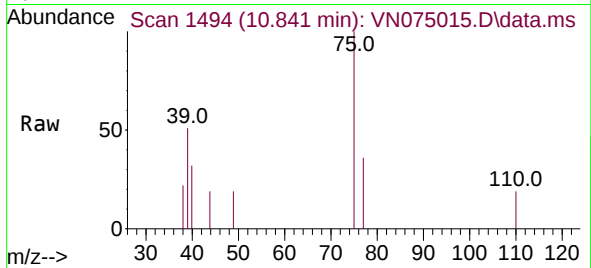
Tgt Ion: 92 Resp: 3460
Ion Ratio Lower Upper
92 100
91 174.1 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 0.889 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

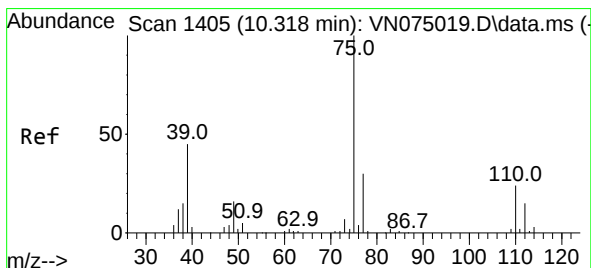
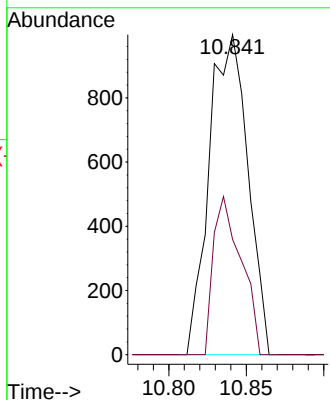
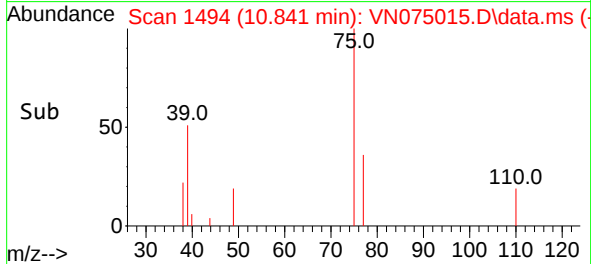
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
77 36.0 25.4 38.2

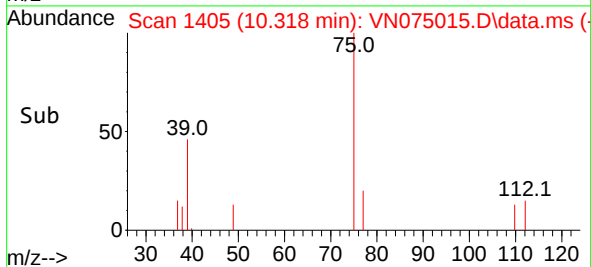
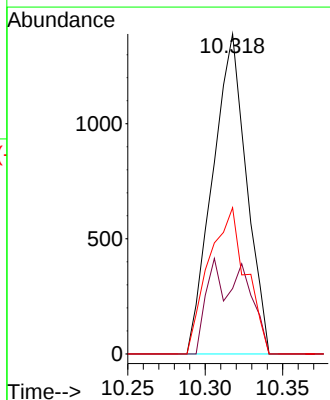
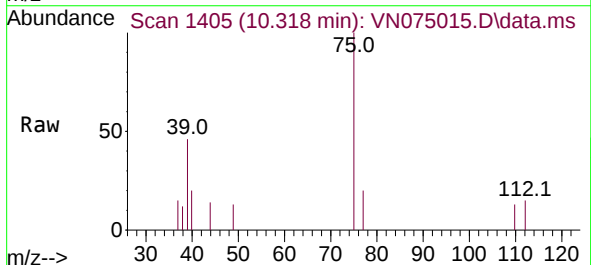
Manual Integrations
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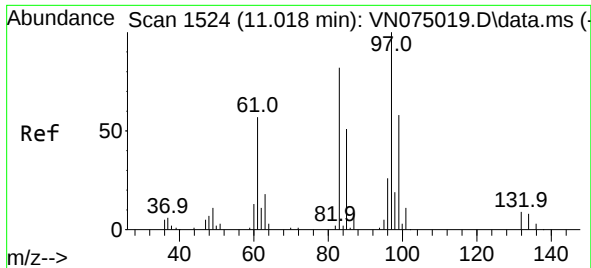
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 1.023 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

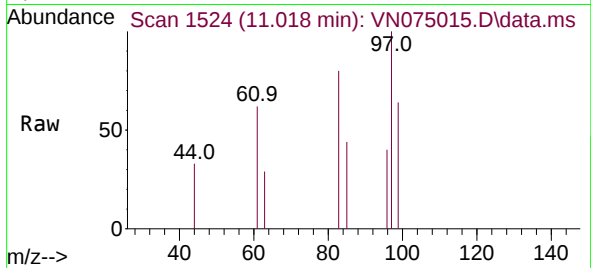
Tgt Ion: 75 Resp: 2111
Ion Ratio Lower Upper
75 100
77 20.4 23.7 35.5#
39 45.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 0.973 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

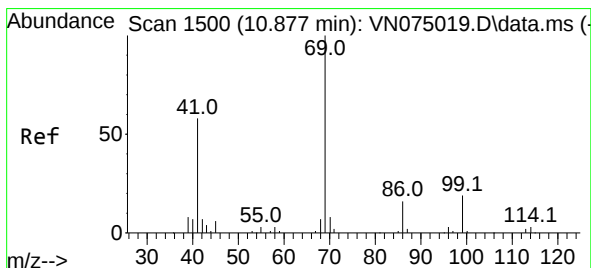
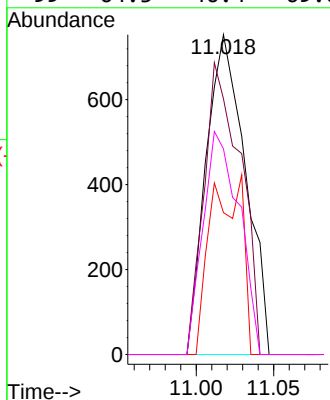
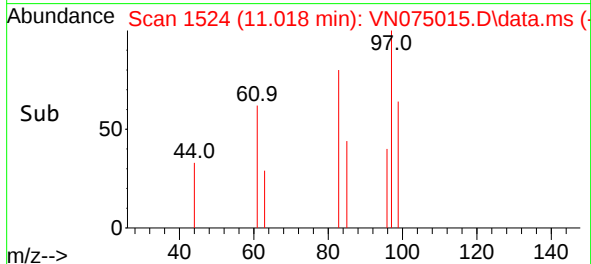
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.9	98.9
85	44.4	40.4	60.6
99	64.3	46.4	69.6

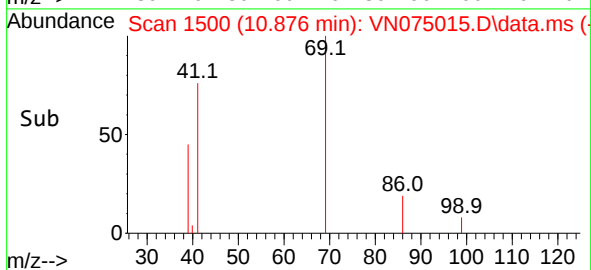
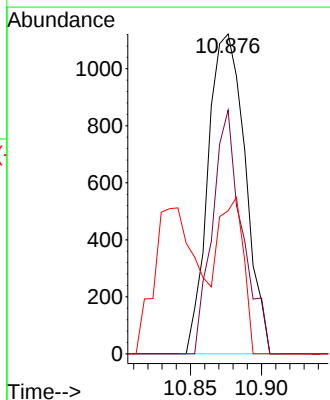
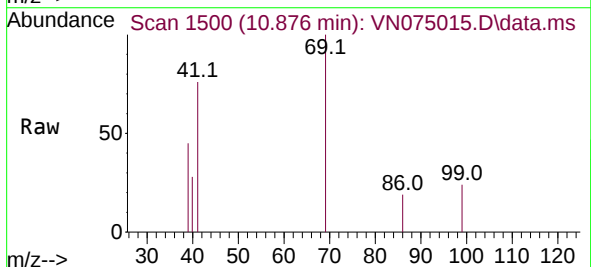
Manual Integrations
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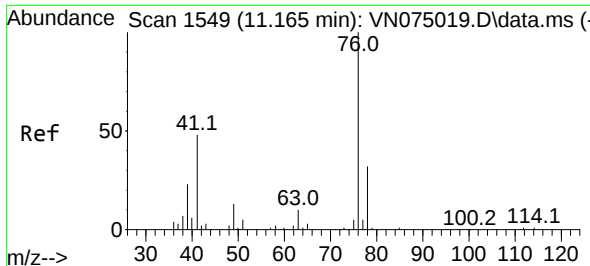
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 0.982 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.4	45.6	68.4
39	32.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 1.106 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 2500

Ion Ratio Lower Upper

76 100

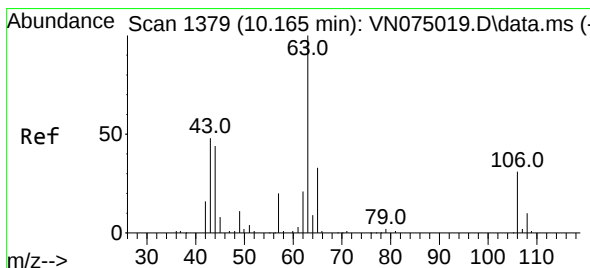
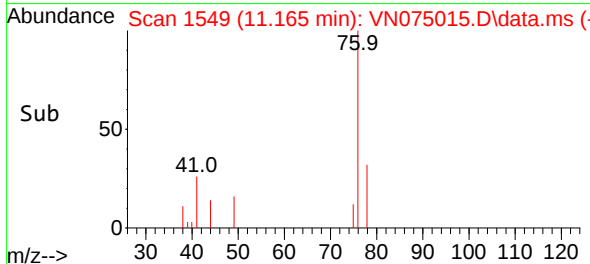
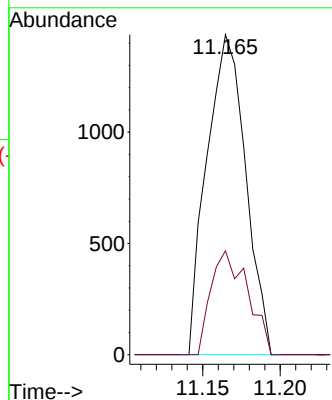
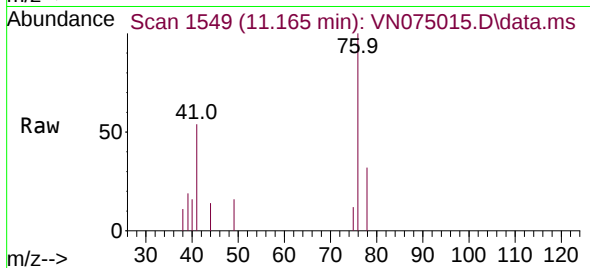
78 30.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 3.331 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075015.D

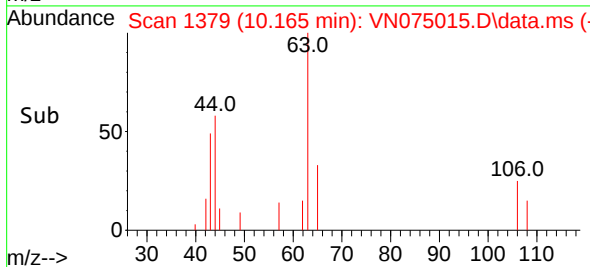
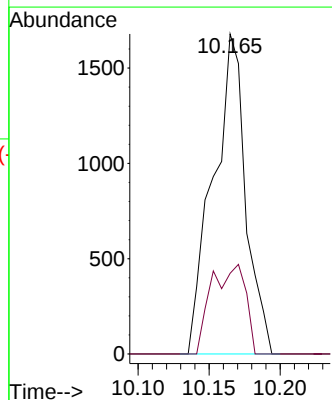
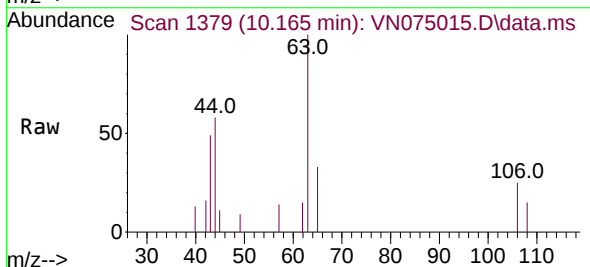
Acq: 26 Oct 2022 10:37

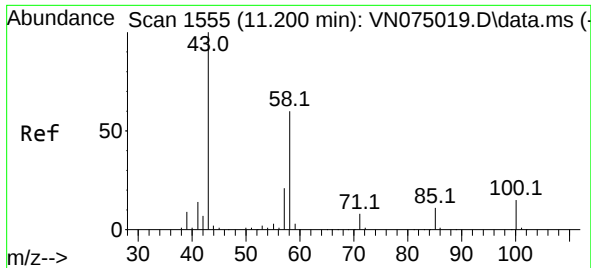
Tgt Ion: 63 Resp: 2674

Ion Ratio Lower Upper

63 100

106 29.4 24.8 37.2





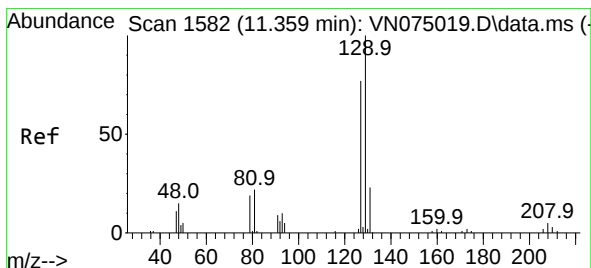
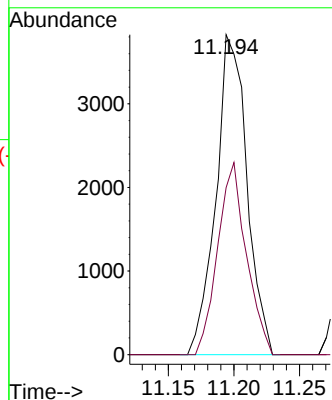
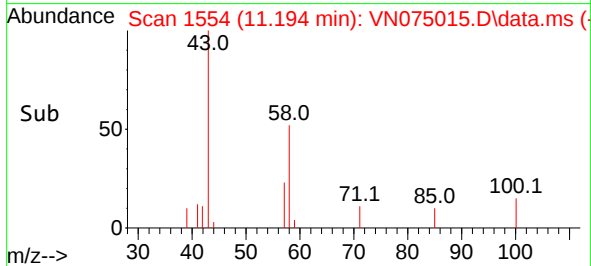
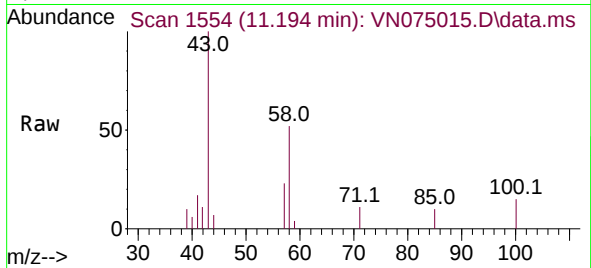
#59
2-Hexanone
Concen: 4.494 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 6280
Ion Ratio Lower Upper
43 100
58 55.6 29.6 88.8

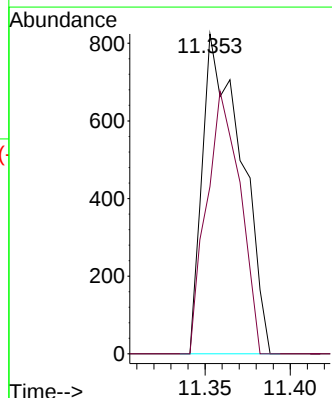
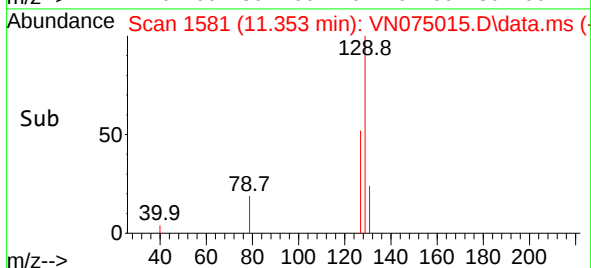
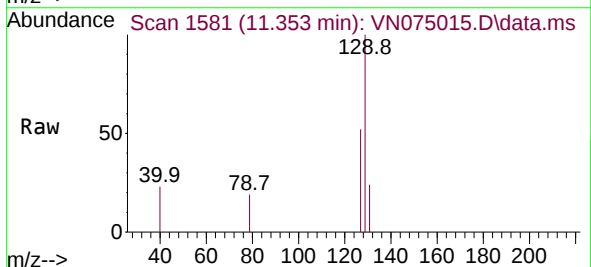
Manual Integrations
APPROVED

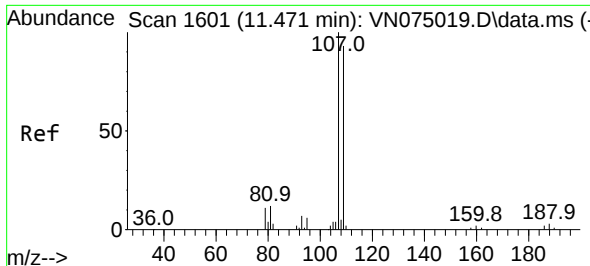
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 0.907 ug/l
RT: 11.353 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

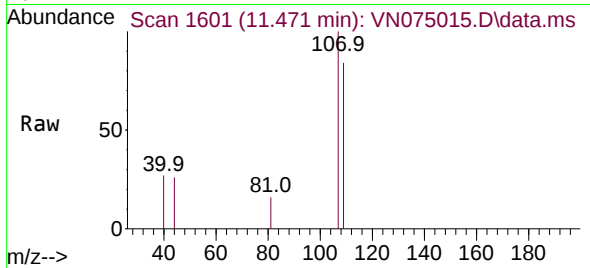
Tgt Ion:129 Resp: 1303
Ion Ratio Lower Upper
129 100
127 71.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 0.935 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

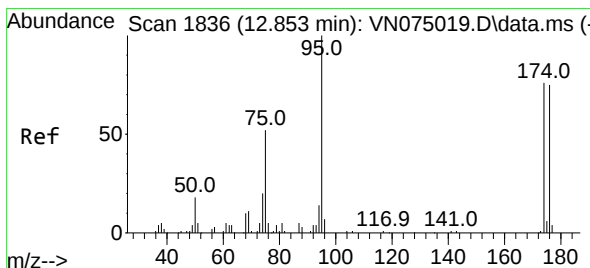
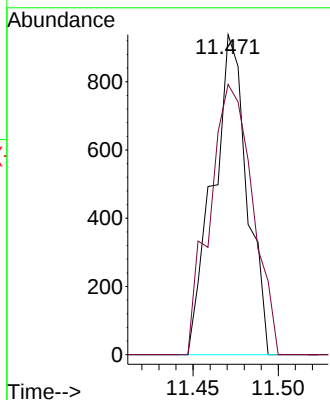
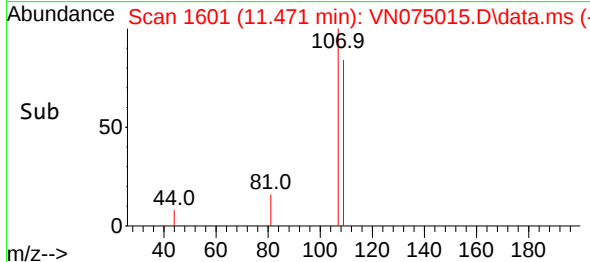
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:107 Resp: 1304
Ion Ratio Lower Upper
107 100
109 106.4 75.6 113.4

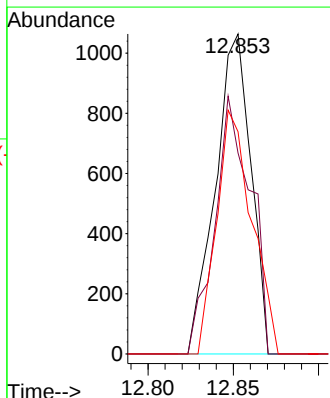
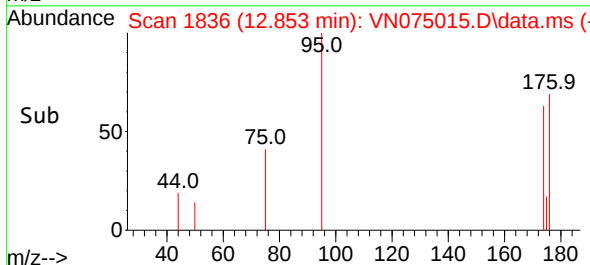
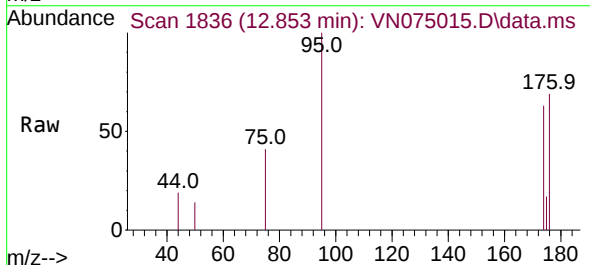
Manual Integrations
APPROVED

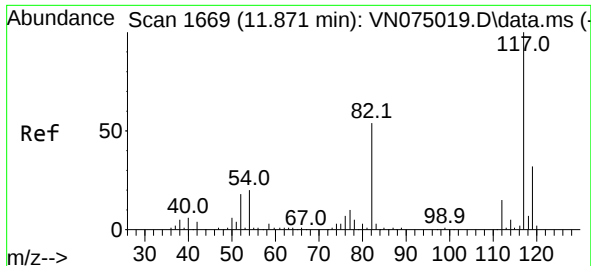
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 1.046 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

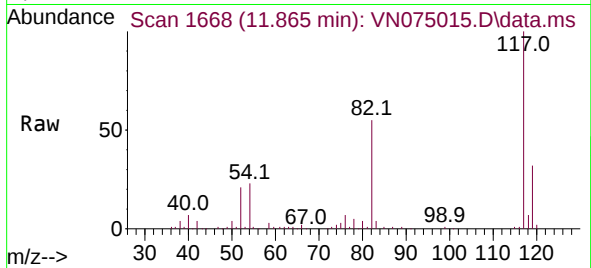
Tgt Ion: 95 Resp: 1545
Ion Ratio Lower Upper
95 100
174 80.6 0.0 147.4
176 75.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

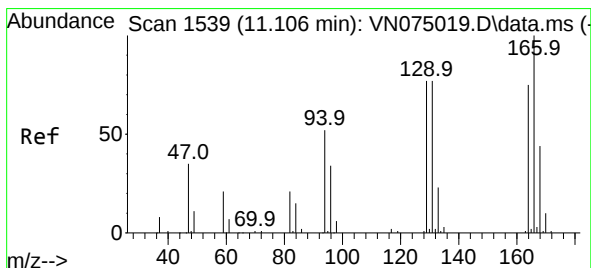
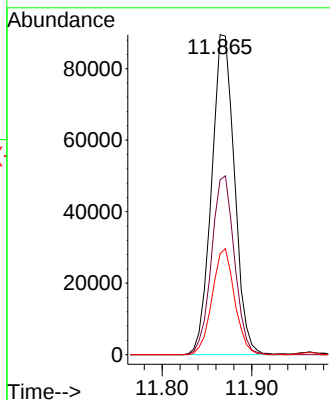
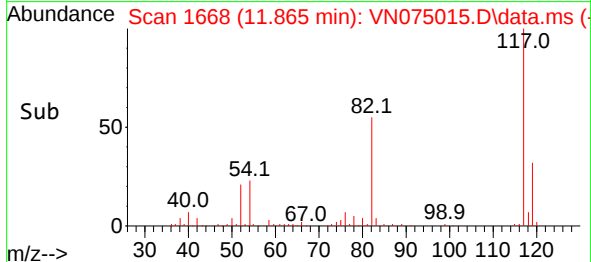
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



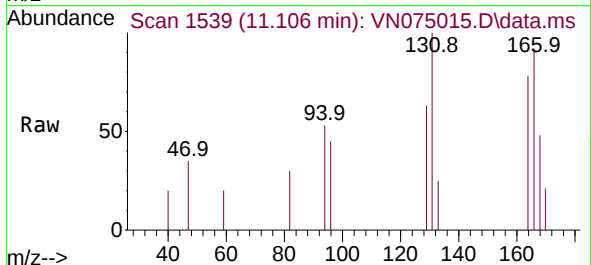
Tgt Ion:117 Resp: 158979
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 31.5 25.5 38.3

Manual Integrations
APPROVED

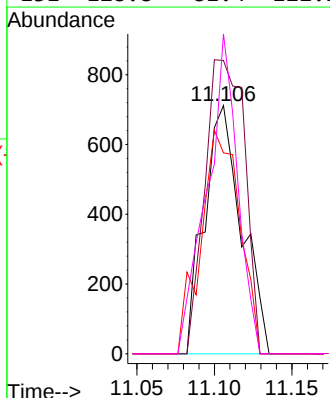
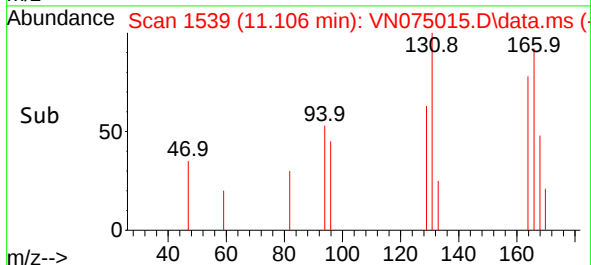
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

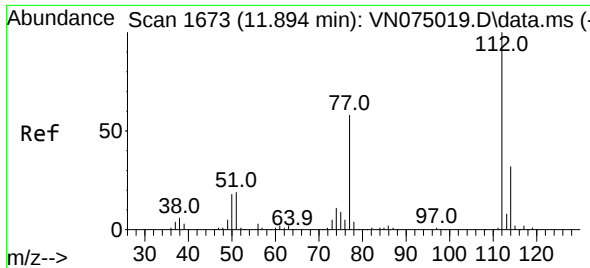


#64
Tetrachloroethene
Concen: 1.227 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



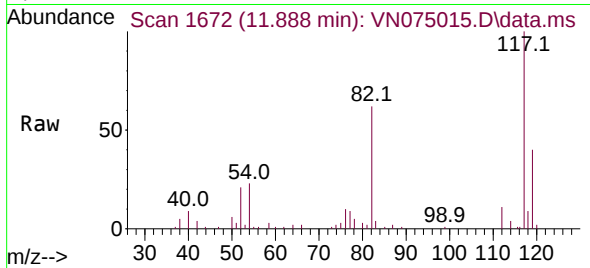
Tgt Ion:164 Resp: 1196
Ion Ratio Lower Upper
164 100
166 118.1 106.5 159.7
129 80.9 81.9 122.9#
131 128.8 81.4 122.2#





#65
Chlorobenzene
Concen: 1.075 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

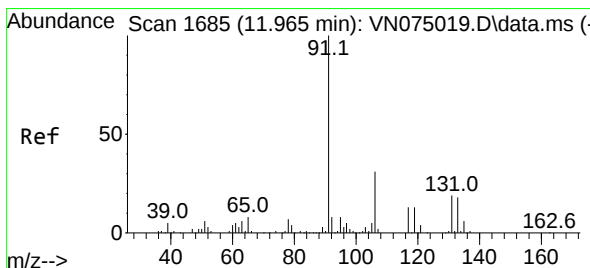
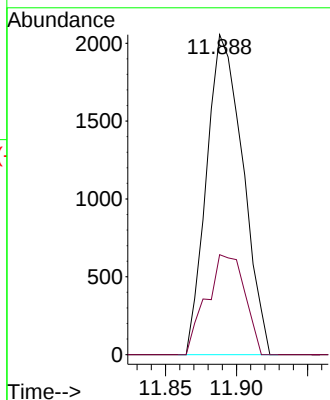
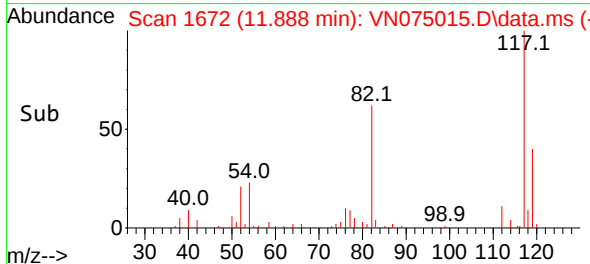
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



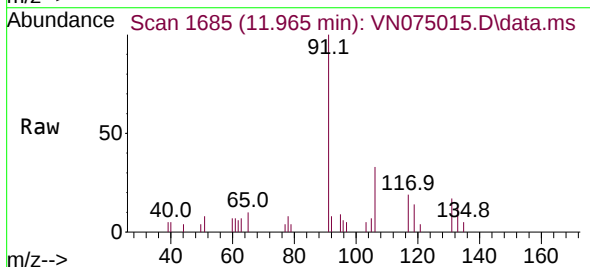
Tgt Ion:112 Resp: 364
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

Manual Integrations
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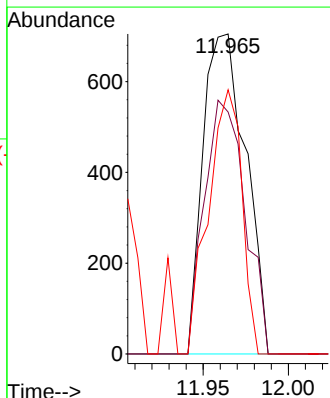
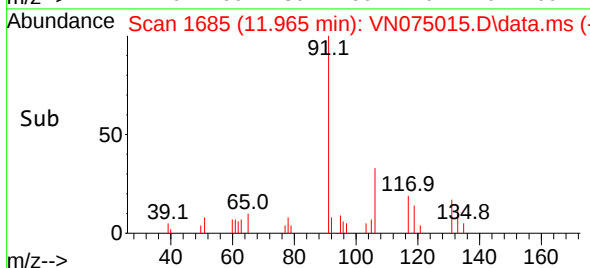
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 0.976 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



Tgt Ion:131 Resp: 1228
Ion Ratio Lower Upper
131 100
133 75.9 47.8 143.4
119 0.0 33.0 99.0#





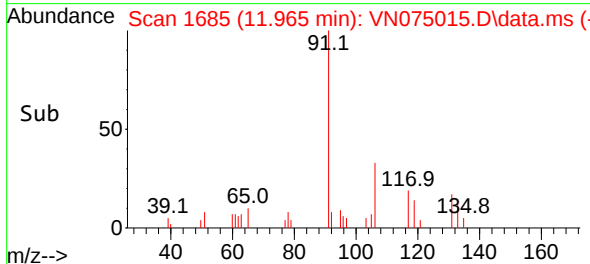
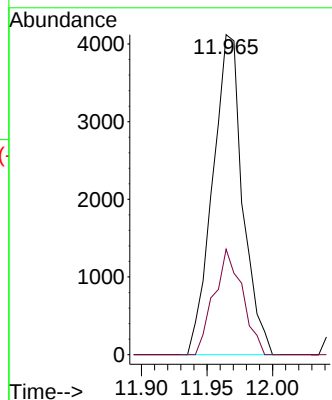
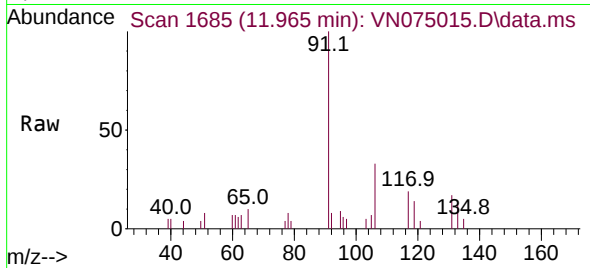
#67
Ethyl Benzene
Concen: 1.075 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 6564
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

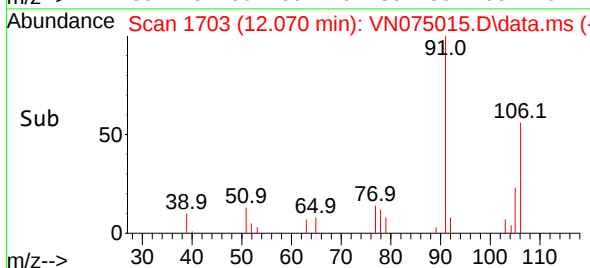
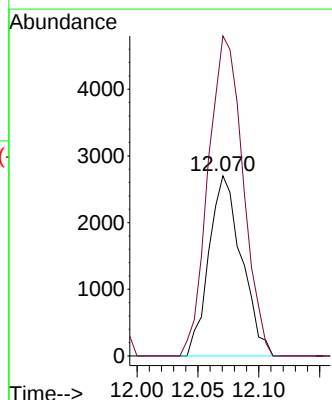
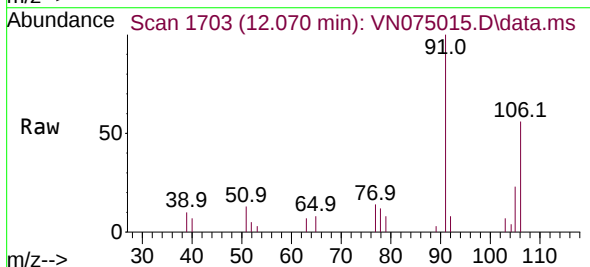
Manual Integrations
APPROVED

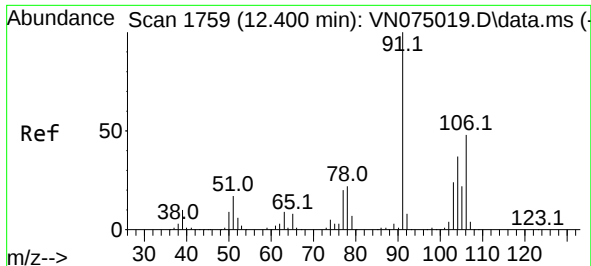
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 2.065 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion:106 Resp: 5059
Ion Ratio Lower Upper
106 100
91 188.6 156.0 234.0





#69

o-Xylene

Concen: 1.040 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:106 Resp: 2519

Ion Ratio Lower Upper

106 100

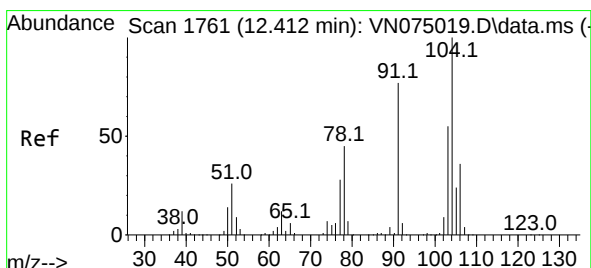
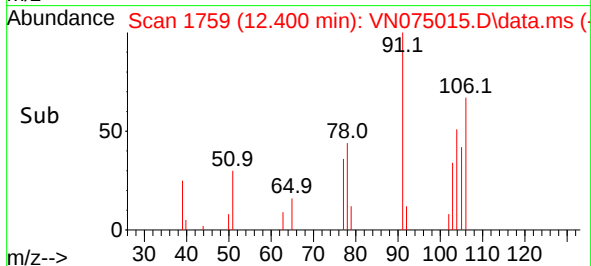
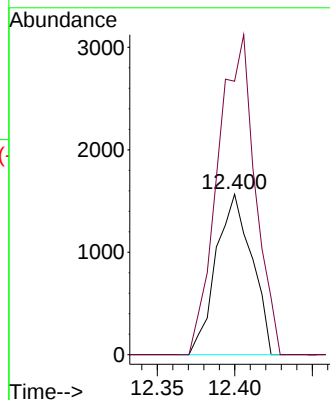
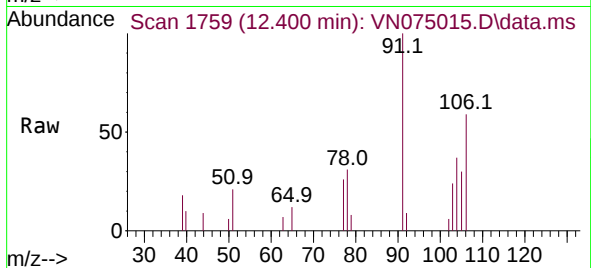
91 207.5 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#70

Styrene

Concen: 0.941 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN075015.D

Acq: 26 Oct 2022 10:37

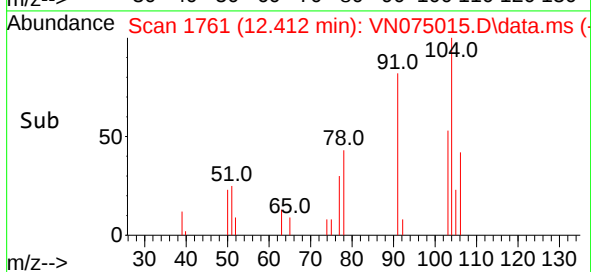
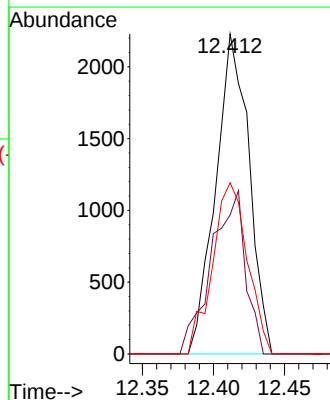
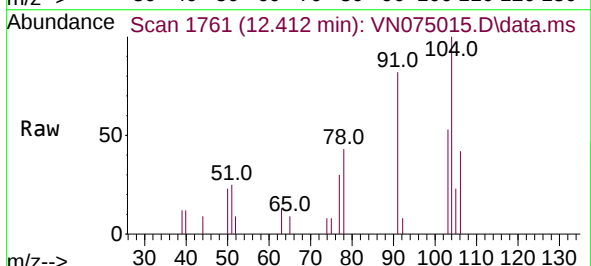
Tgt Ion:104 Resp: 3636

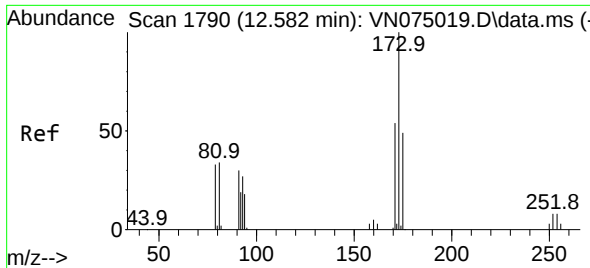
Ion Ratio Lower Upper

104 100

78 52.2 38.1 57.1

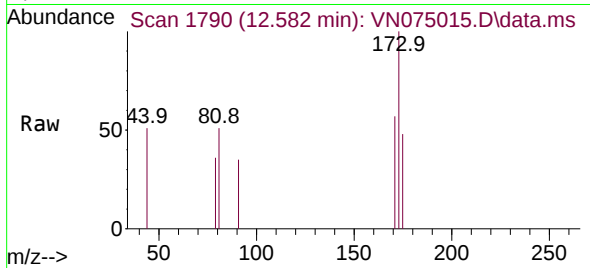
103 56.2 44.6 66.8





#71
Bromoform
Concen: 0.886 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

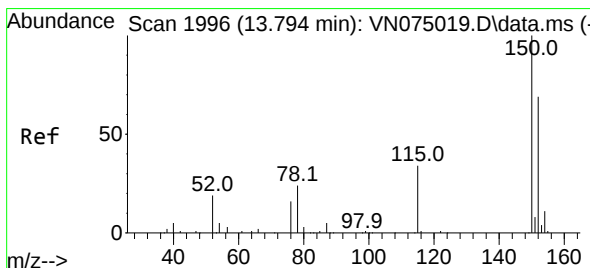
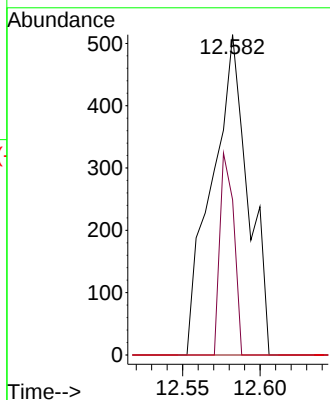
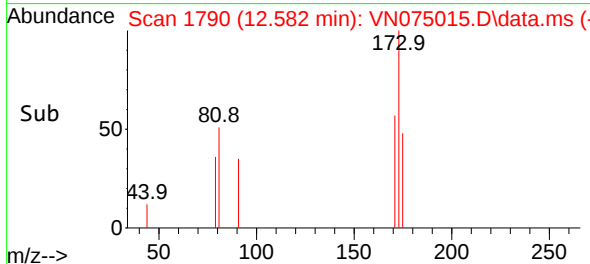
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



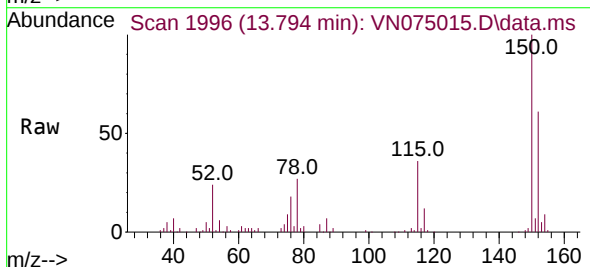
Tgt Ion:173 Resp: 835
Ion Ratio Lower Upper
173 100
175 24.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

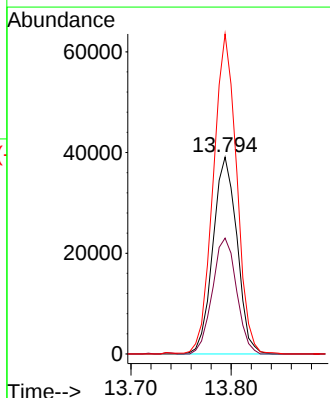
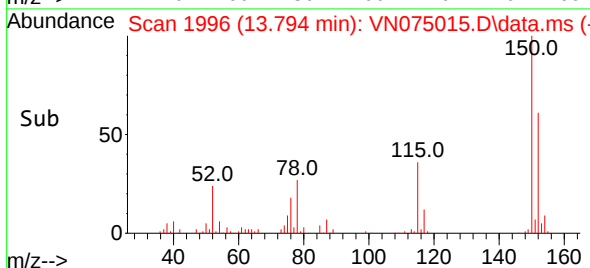
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

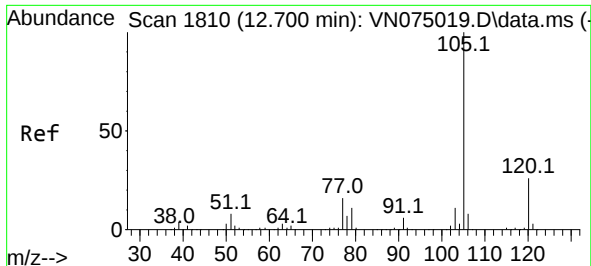


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



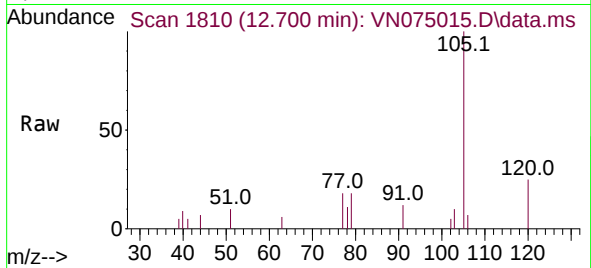
Tgt Ion:152 Resp: 65005
Ion Ratio Lower Upper
152 100
115 59.1 30.2 90.6
150 158.4 0.0 348.4





#73
Isopropylbenzene
Concen: 1.111 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

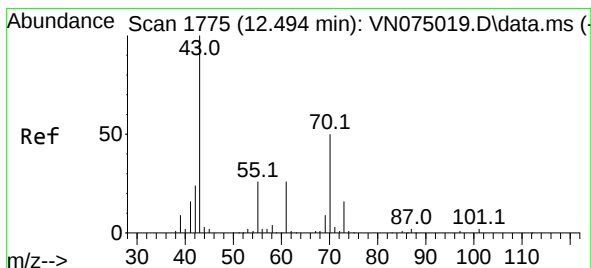
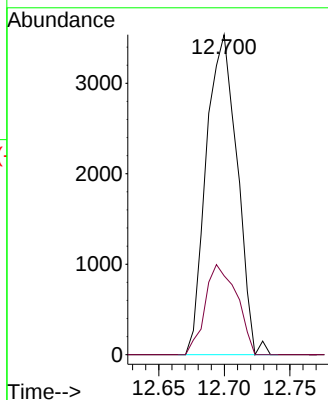
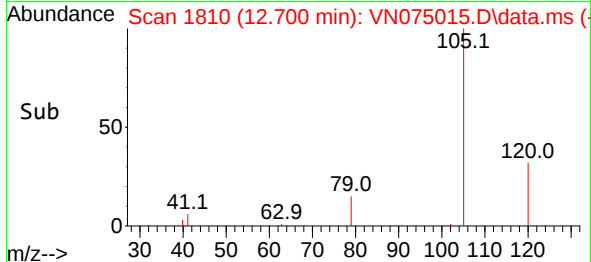
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



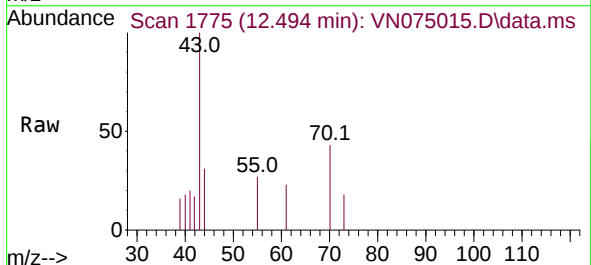
Tgt Ion:105 Resp: 5790
Ion Ratio Lower Upper
105 100
120 28.9 13.1 39.1

Manual Integrations
APPROVED

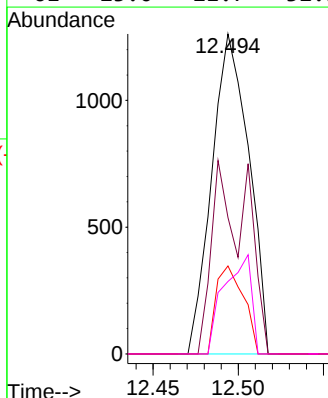
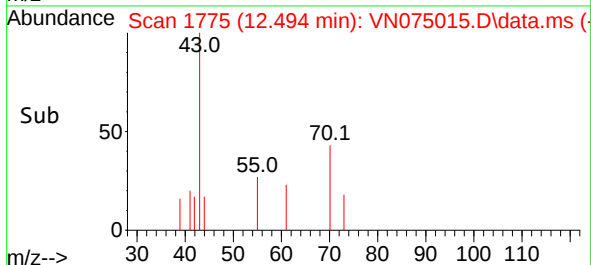
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

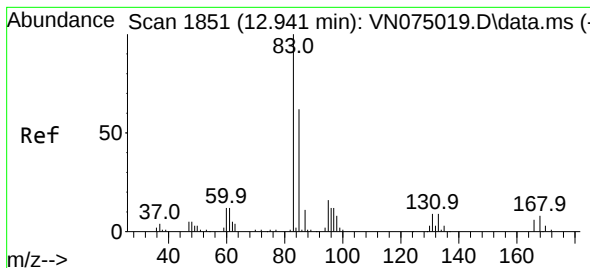


#74
N-ethyl acetate
Concen: 0.988 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



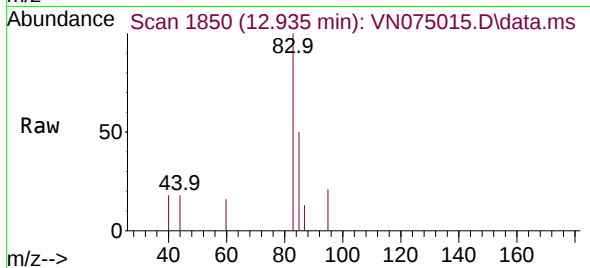
Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
70 55.8 39.8 59.8
55 20.3 19.9 29.9
61 23.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

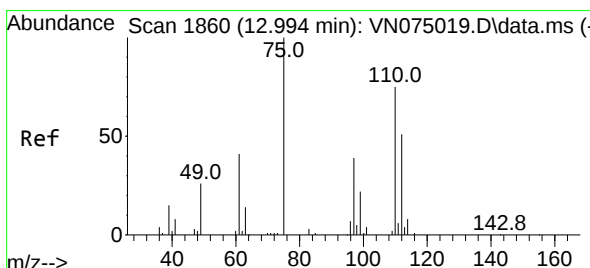
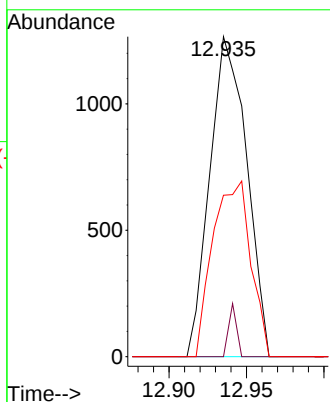
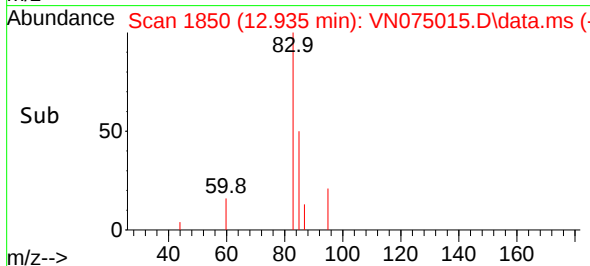
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 83 Resp: 209
Ion Ratio Lower Upper
83 100
131 3.5 5.1 15.3
85 56.3 31.6 94.7

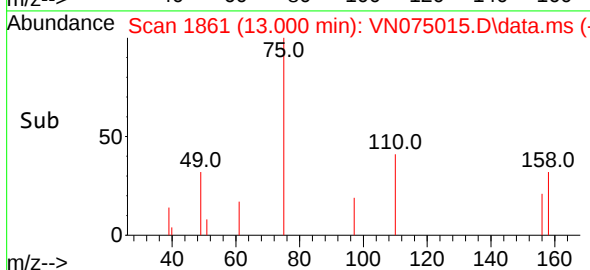
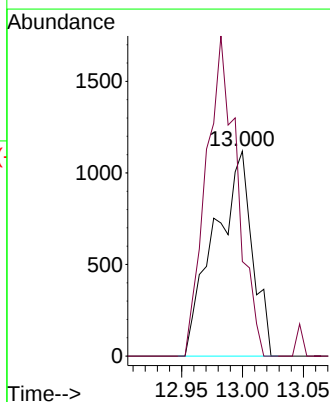
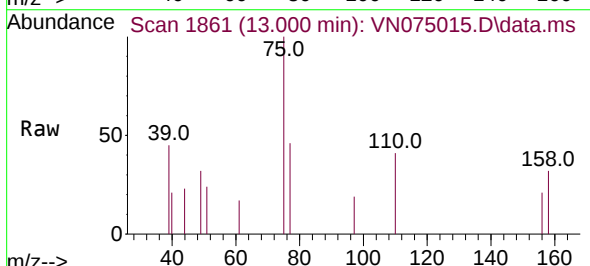
Manual Integrations
APPROVED

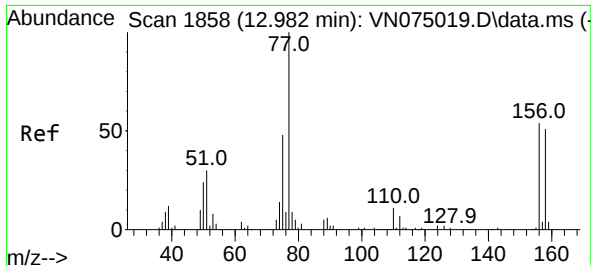
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 1.742 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
77 128.7 75.6 226.8





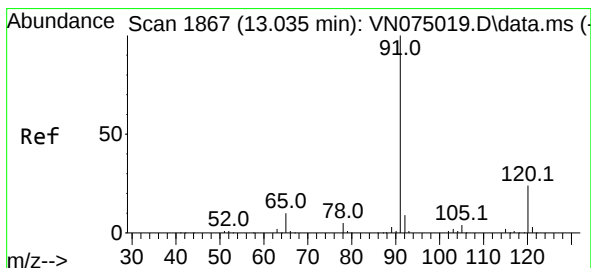
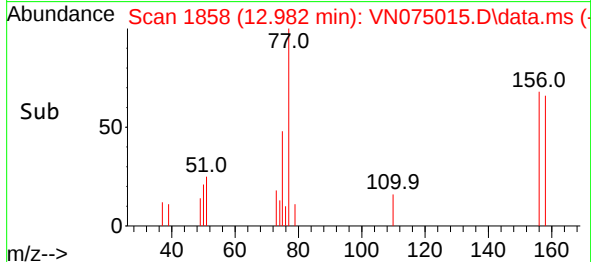
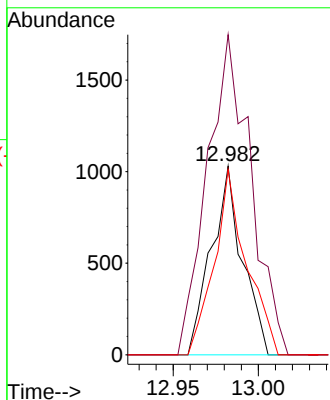
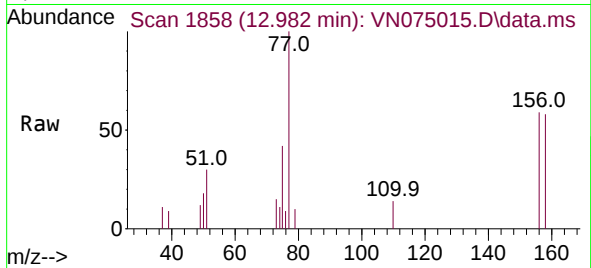
#77
Bromobenzene
Concen: 1.137 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 156 Resp: 1307
Ion Ratio Lower Upper
156 100
77 236.9 108.5 325.5
158 101.5 47.7 143.1

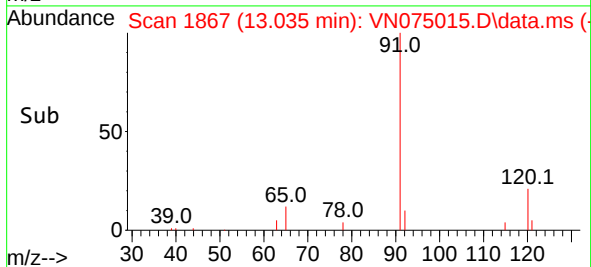
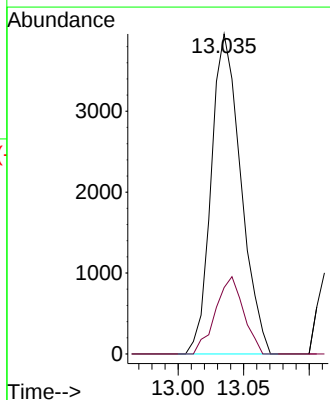
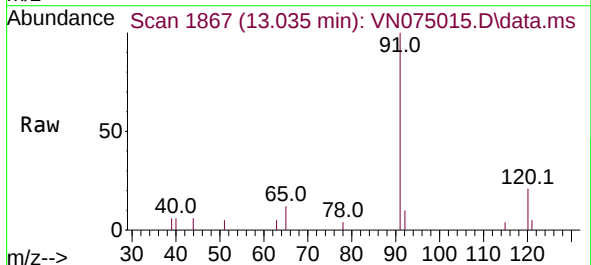
Manual Integrations
APPROVED

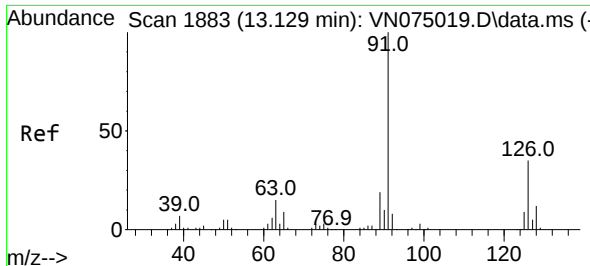
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
n-propylbenzene
Concen: 1.062 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion: 91 Resp: 6221
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





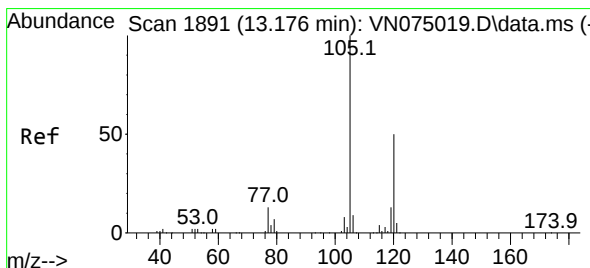
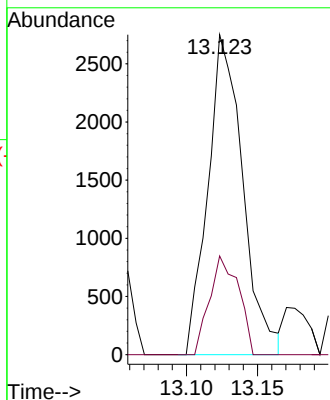
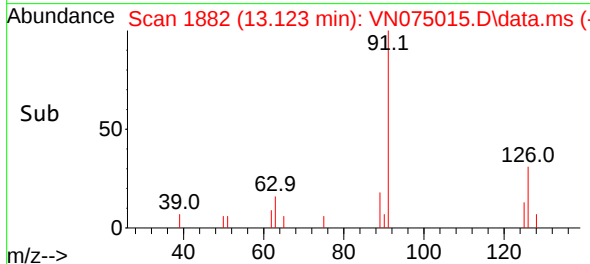
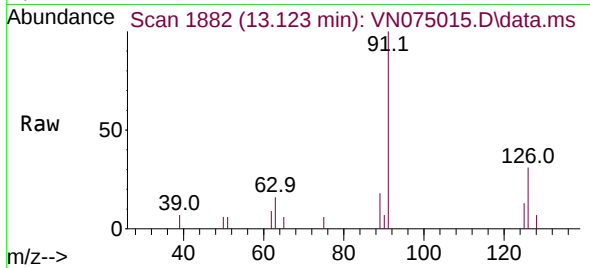
#79
2-Chlorotoluene
Concen: 1.310 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 469
Ion Ratio Lower Upper
91 100
126 25.7 16.9 50.7

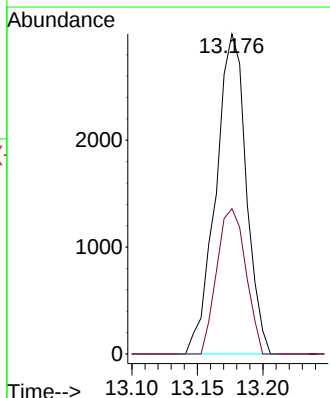
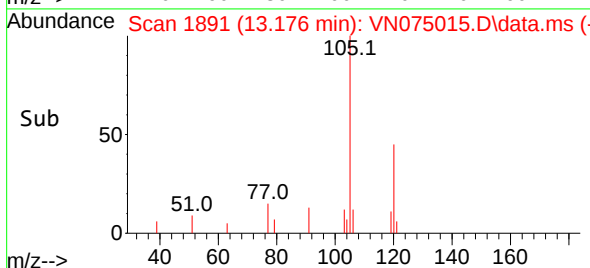
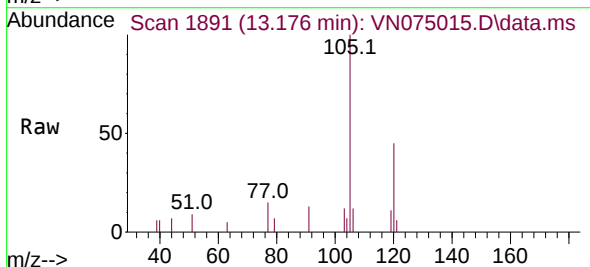
Manual Integrations
APPROVED

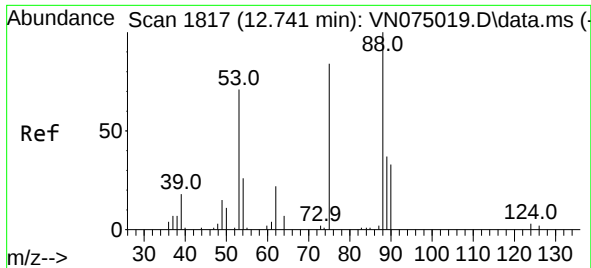
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.101 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

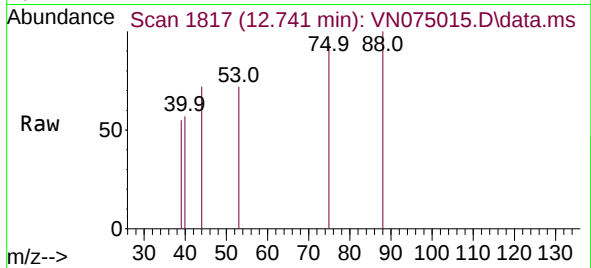
Tgt Ion:105 Resp: 4825
Ion Ratio Lower Upper
105 100
120 43.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 0.647 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

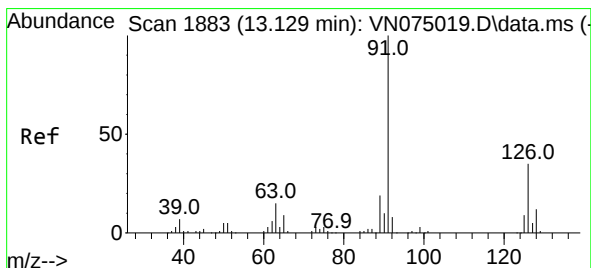
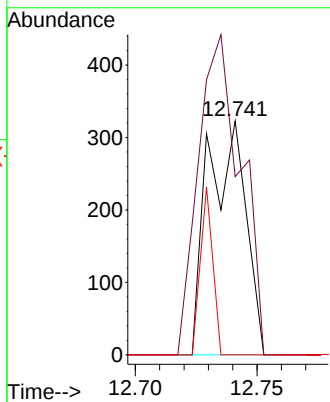
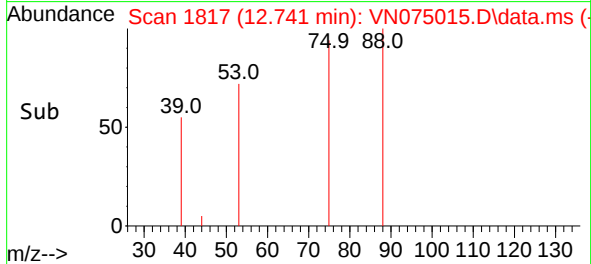
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



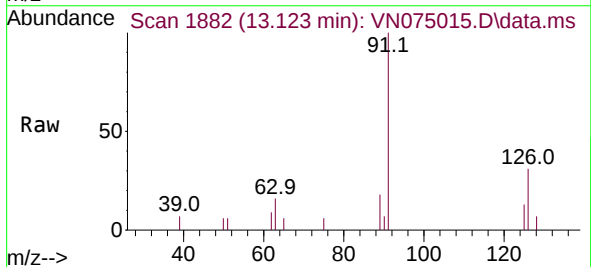
Tgt Ion: 75 Resp: 348
Ion Ratio Lower Upper
75 100
53 154.0 78.5 117.7
89 23.6 37.7 56.5

Manual Integrations
APPROVED

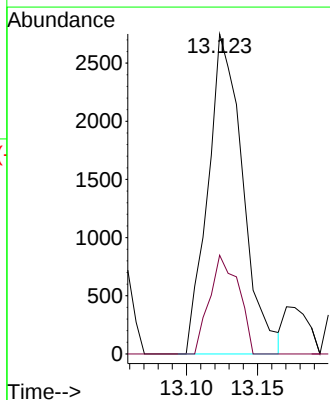
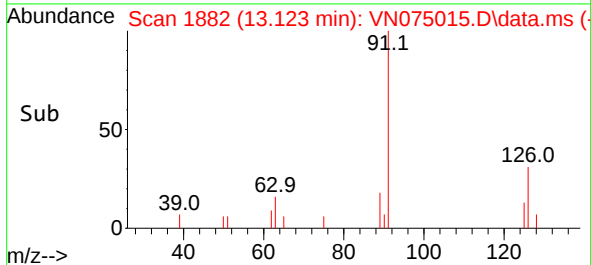
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

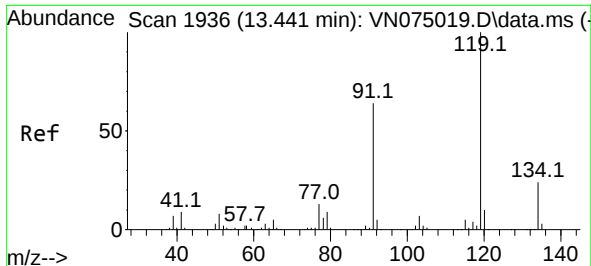


#82
4-Chlorotoluene
Concen: 1.310 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



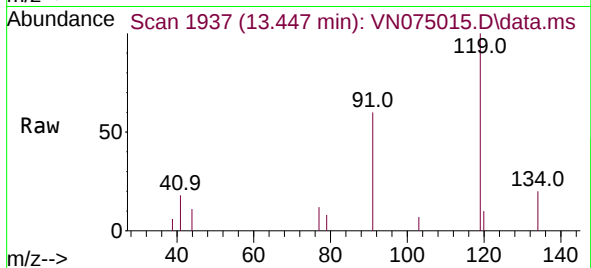
Tgt Ion: 91 Resp: 4691
Ion Ratio Lower Upper
91 100
126 25.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 1.045 ug/l
RT: 13.447 min Scan# 1937
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

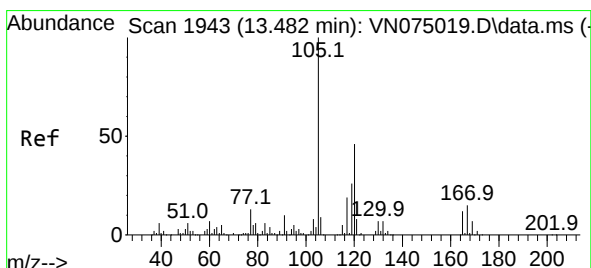
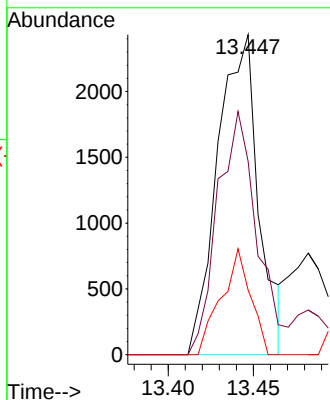
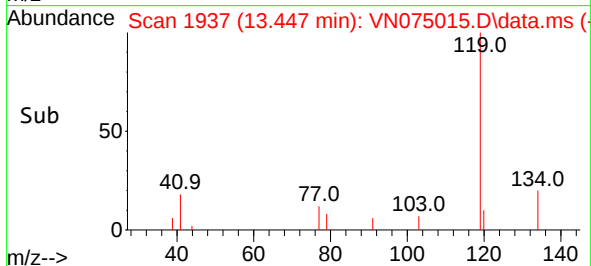
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



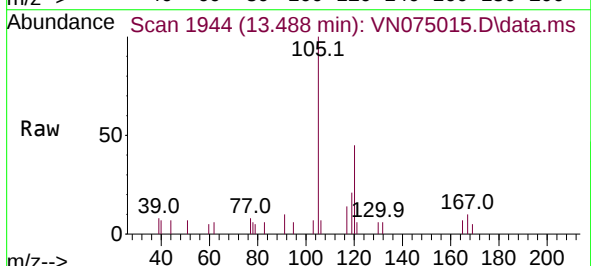
Tgt Ion:119 Resp: 4070
Ion Ratio Lower Upper
119 100
91 73.9 32.8 98.4
134 23.7 12.3 36.9

Manual Integrations
APPROVED

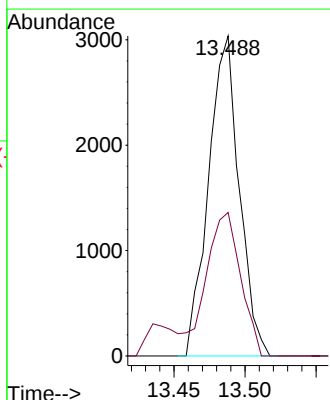
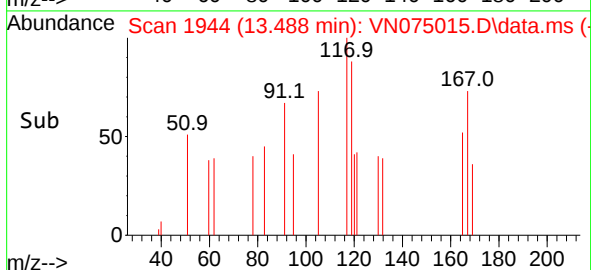
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

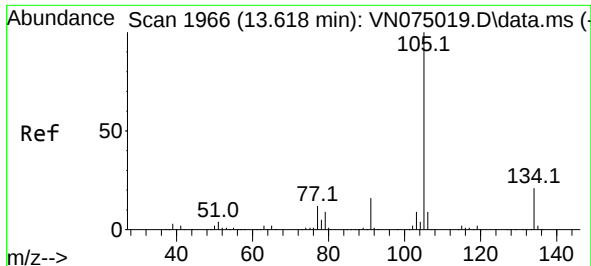


#84
1,2,4-Trimethylbenzene
Concen: 1.028 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



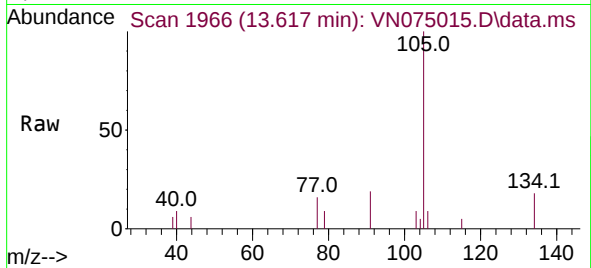
Tgt Ion:105 Resp: 4557
Ion Ratio Lower Upper
105 100
120 51.0 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 0.959 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075015.D
 Acq: 26 Oct 2022 10:37

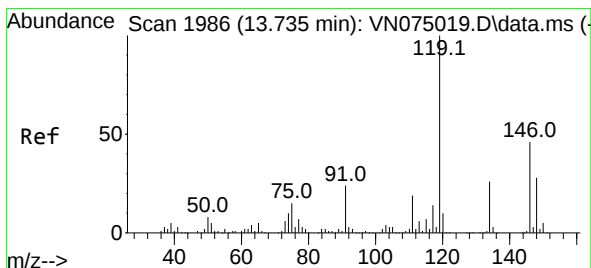
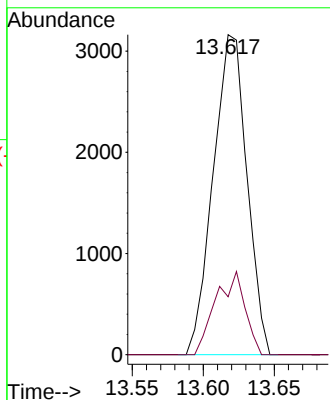
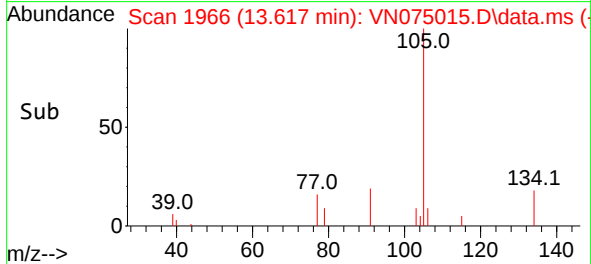
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



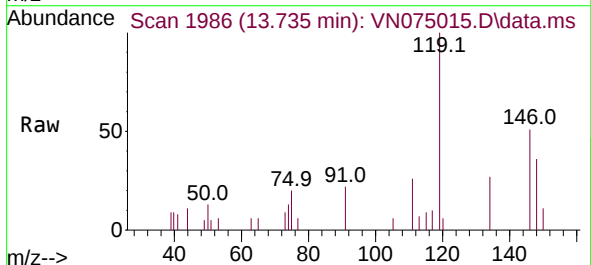
Tgt Ion:105 Resp: 5220
 Ion Ratio Lower Upper
 105 100
 134 22.6 10.2 30.6

Manual Integrations
 APPROVED

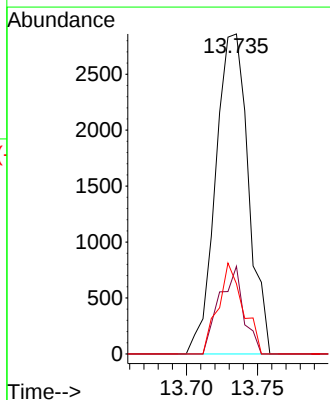
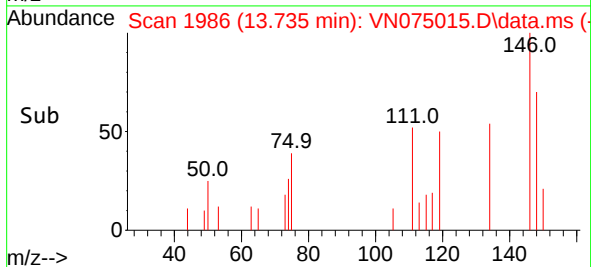
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

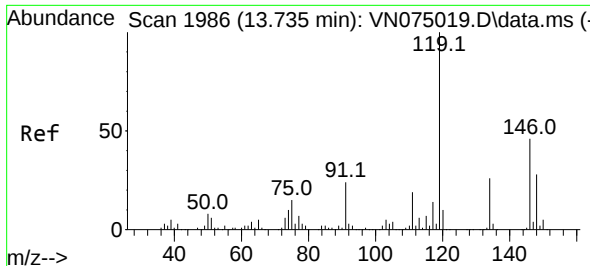


#86
 p-Isopropyltoluene
 Concen: 1.019 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075015.D
 Acq: 26 Oct 2022 10:37



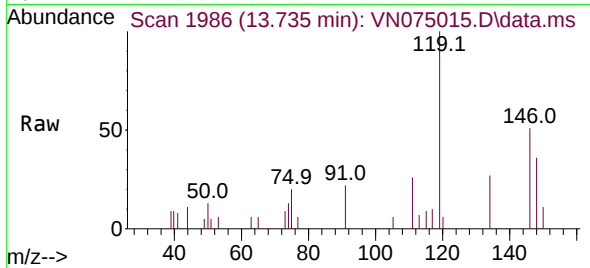
Tgt Ion:119 Resp: 4584
 Ion Ratio Lower Upper
 119 100
 134 20.2 13.1 39.3
 91 21.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 1.084 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

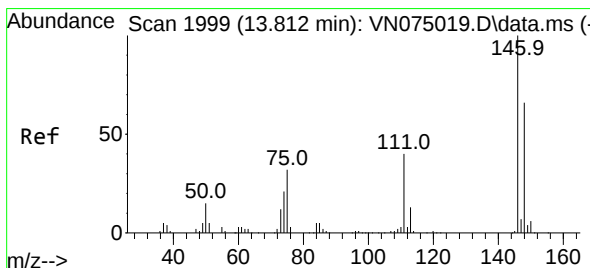
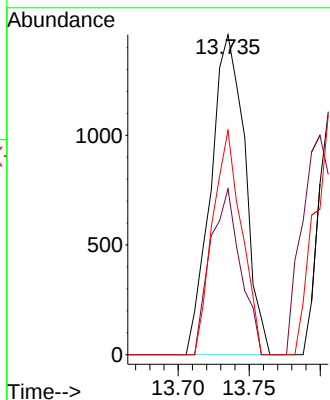
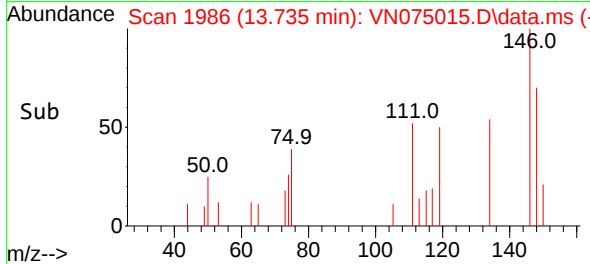
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



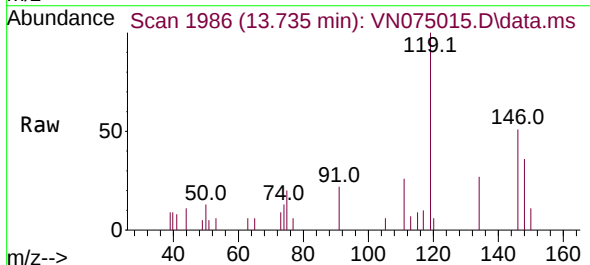
Tgt Ion:146 Resp: 2439
Ion Ratio Lower Upper
146 100
111 46.0 20.8 62.5
148 59.5 31.1 93.5

Manual Integrations
APPROVED

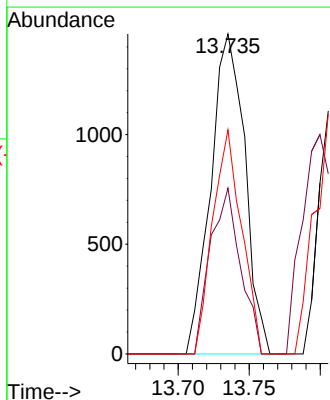
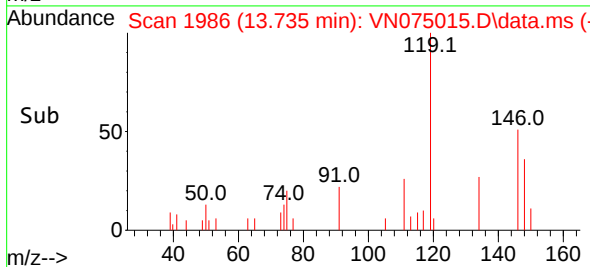
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

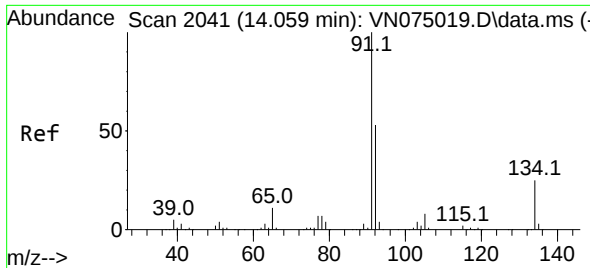


#88
1,4-Dichlorobenzene
Concen: 1.095 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.077 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



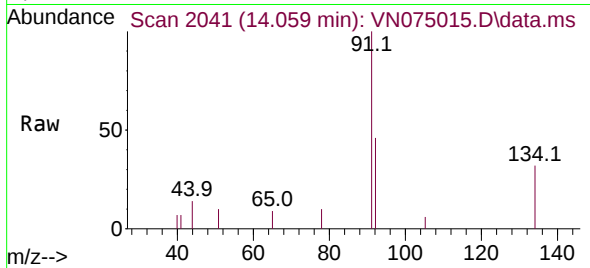
Tgt Ion:146 Resp: 2439
Ion Ratio Lower Upper
146 100
111 46.0 20.1 60.3
148 59.5 31.9 95.7





#89
n-Butylbenzene
Concen: 1.062 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

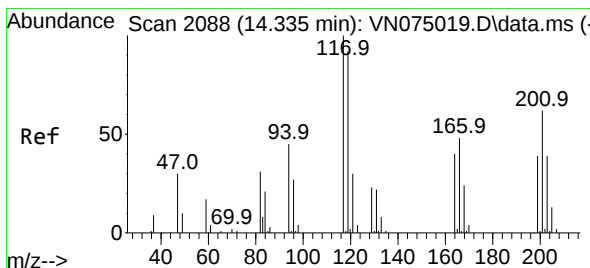
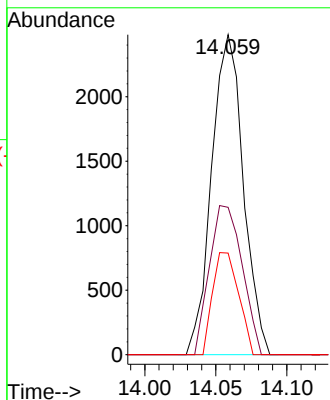
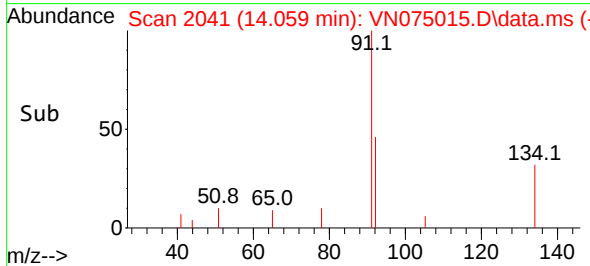
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 3849
Ion Ratio Lower Upper
91 100
92 48.1 26.5 79.4
134 26.1 13.0 39.0

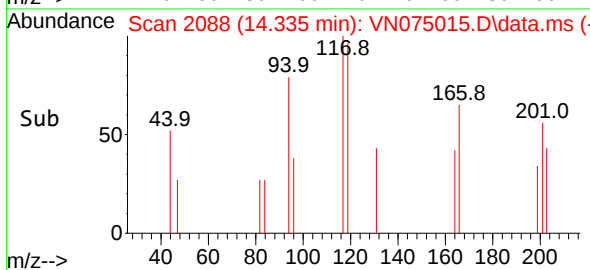
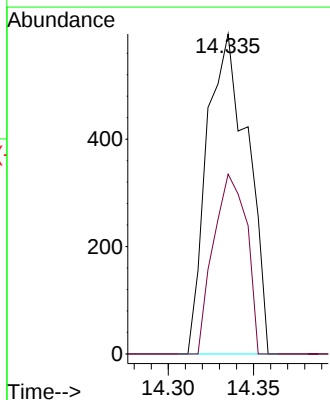
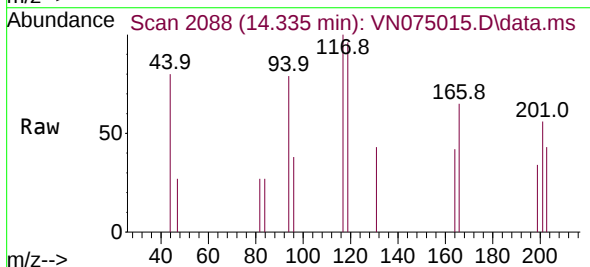
Manual Integrations
APPROVED

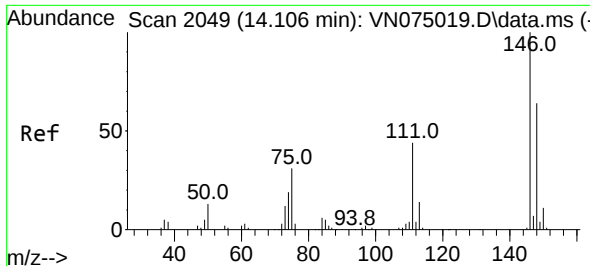
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 1.201 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Tgt Ion:117 Resp: 991
Ion Ratio Lower Upper
117 100
201 45.6 31.5 94.5





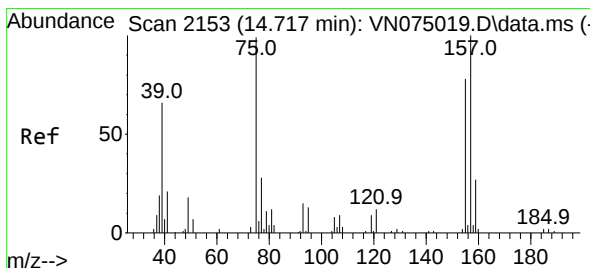
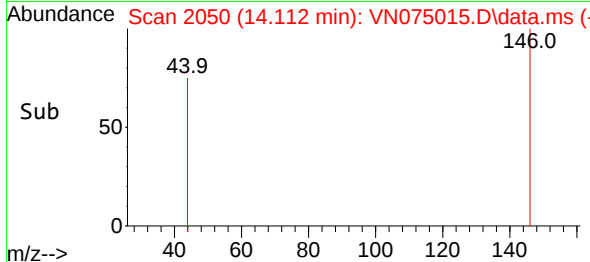
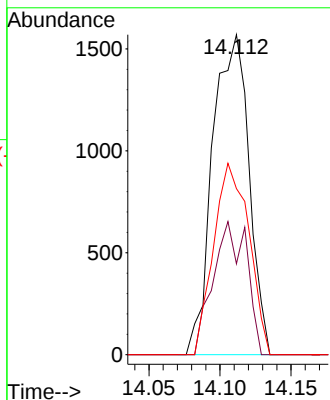
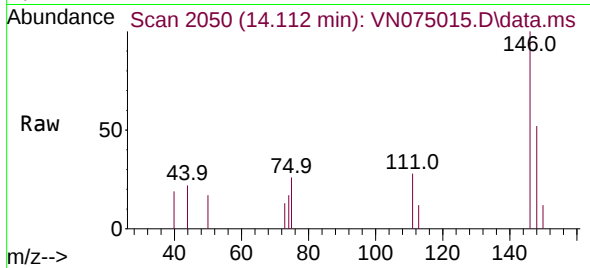
#91
1,2-Dichlorobenzene
Concen: 1.244 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 278
Ion Ratio Lower Upper
146 100
111 38.4 21.3 63.9
148 58.2 31.4 94.2

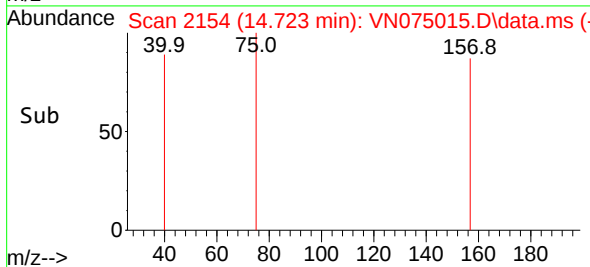
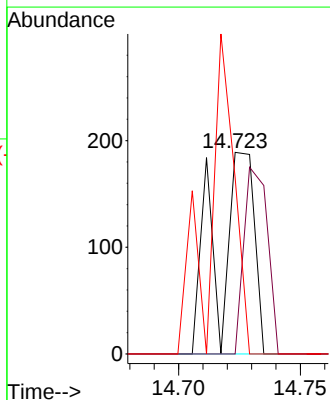
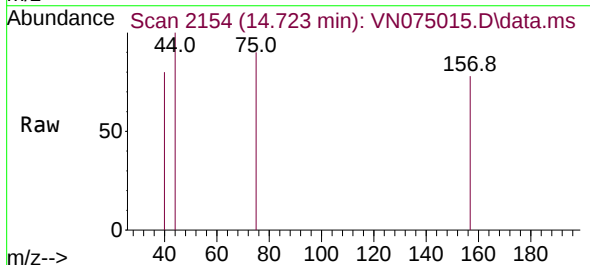
Manual Integrations
APPROVED

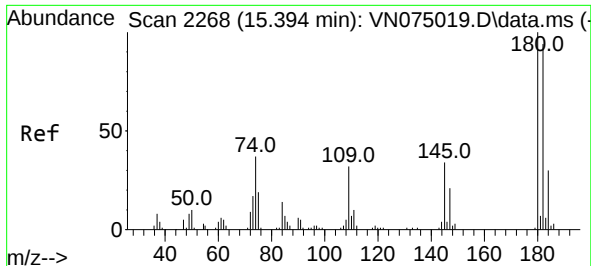
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.562 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

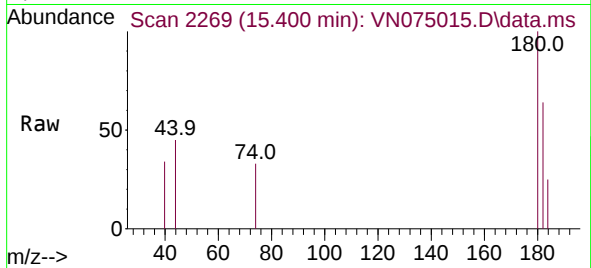
Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 59.1 42.1 126.3
157 110.1 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 1.097 ug/l
RT: 15.400 min Scan# 2268
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

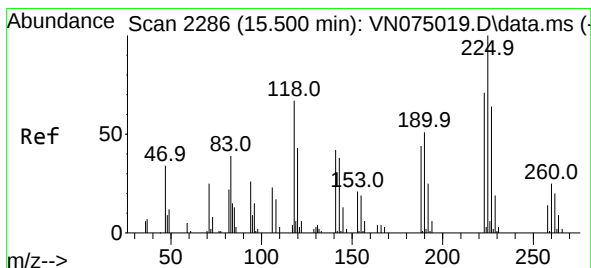
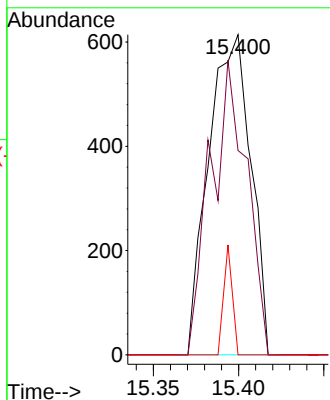
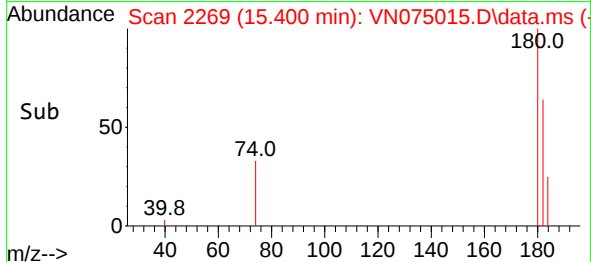
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



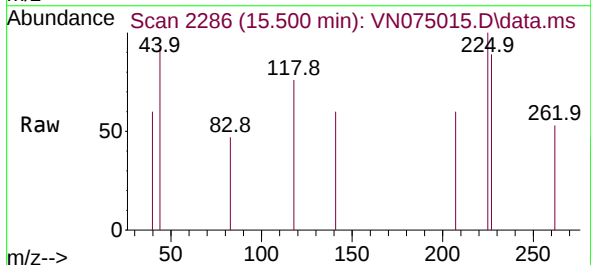
Tgt Ion:180 Resp: 1050
Ion Ratio Lower Upper
180 100
182 79.2 47.8 143.4
145 7.0 16.8 50.3

Manual Integrations
APPROVED

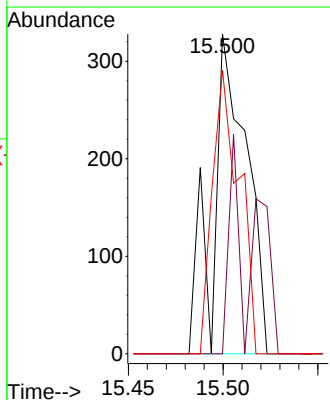
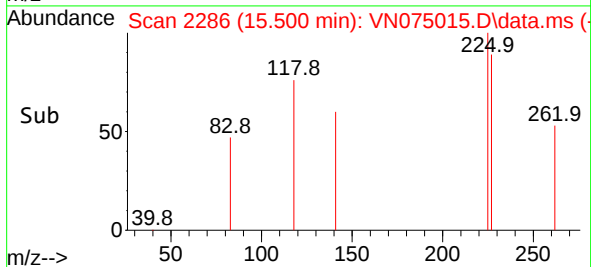
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

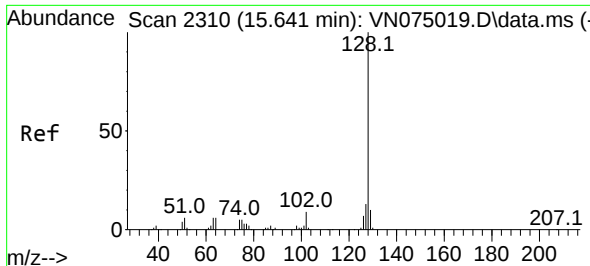


#94
Hexachlorobutadiene
Concen: 0.865 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



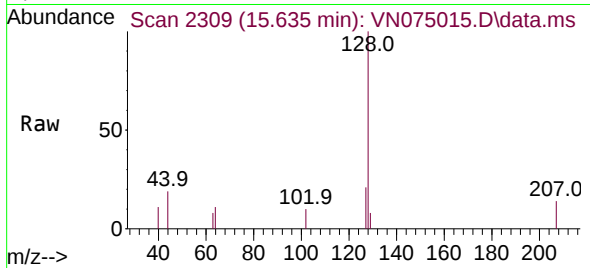
Tgt Ion:225 Resp: 406
Ion Ratio Lower Upper
225 100
223 19.5 32.3 96.9#
227 70.7 32.0 96.2





#95
Naphthalene
Concen: 1.085 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37

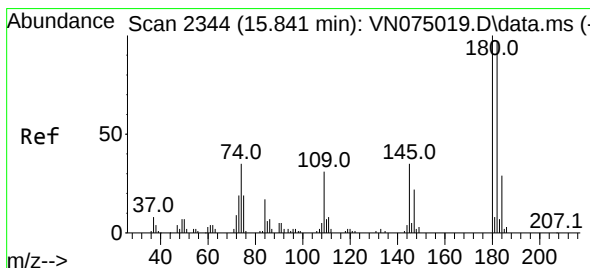
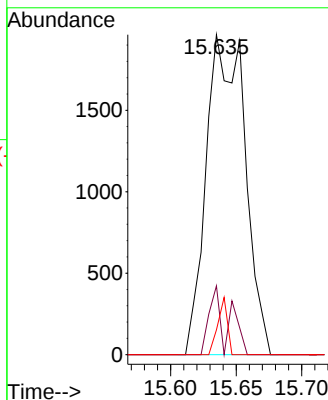
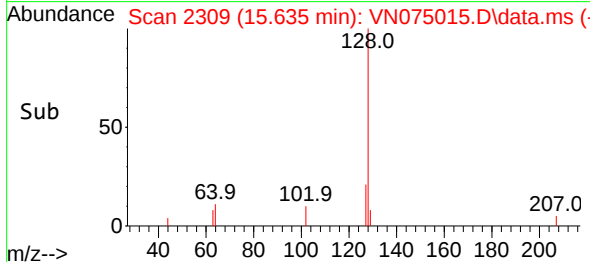
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



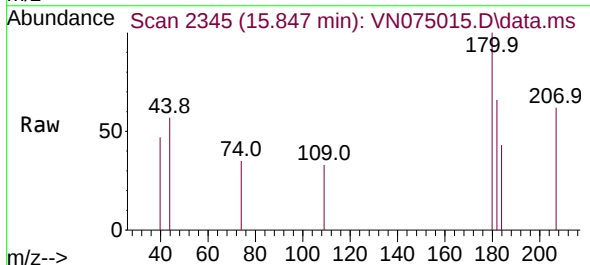
Tgt Ion:128 Resp: 401
Ion Ratio Lower Upper
128 100
127 5.9 10.4 15.6
129 4.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.966 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075015.D
Acq: 26 Oct 2022 10:37



Tgt Ion:180 Resp: 924
Ion Ratio Lower Upper
180 100
182 85.0 47.3 141.8
145 8.5 17.6 52.9

