

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073425.D
 Acq On : 11 Jul 2022 17:32
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 12 07:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	200800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	351010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	324152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	159394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163195	56.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.600%
35) Dibromofluoromethane	7.951	113	127474	54.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.180%
50) Toluene-d8	10.381	98	442992	53.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.669	95	180331	56.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	145606	49.598	ug/l	98
3) Chloromethane	2.269	50	132484	46.483	ug/l	99
4) Vinyl Chloride	2.405	62	116701	48.190	ug/l	99
5) Bromomethane	2.787	94	51745	45.239	ug/l	100
6) Chloroethane	2.958	64	73731	51.757	ug/l	98
7) Trichlorofluoromethane	3.310	101	207580	49.581	ug/l	100
8) Diethyl Ether	3.769	74	92815	54.459	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	121074	48.942	ug/l	98
10) Methyl Iodide	4.346	142	127494	43.265	ug/l	92
11) Tert butyl alcohol	5.293	59	211912	301.778	ug/l	99
12) 1,1-Dichloroethene	4.116	96	115635	48.919	ug/l	94
13) Acrolein	3.981	56	93405	210.445	ug/l	95
14) Allyl chloride	4.757	41	272721	54.766	ug/l #	91
15) Acrylonitrile	5.475	53	553653	306.278	ug/l	99
16) Acetone	4.222	43	504729	310.196	ug/l	94
17) Carbon Disulfide	4.457	76	280290	45.729	ug/l	99
18) Methyl Acetate	4.775	43	281901	61.823	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	477512	55.426	ug/l	97
20) Methylene Chloride	5.010	84	146371	51.187	ug/l #	87
21) trans-1,2-Dichloroethene	5.510	96	124495	50.405	ug/l	98
22) Diisopropyl ether	6.416	45	545016	58.653	ug/l	96
23) Vinyl Acetate	6.351	43	2338767	281.117	ug/l #	91
24) 1,1-Dichloroethane	6.310	63	268657	55.870	ug/l	97
25) 2-Butanone	7.257	43	822014	317.311	ug/l #	87
26) 2,2-Dichloropropane	7.251	77	200654	45.117	ug/l	98
27) cis-1,2-Dichloroethene	7.246	96	154429	51.630	ug/l	94
28) Bromochloromethane	7.581	49	124423	61.782	ug/l #	80
29) Tetrahydrofuran	7.610	42	550298	310.234	ug/l #	85
30) Chloroform	7.745	83	269768	55.700	ug/l	96
31) Cyclohexane	8.022	56	231580	48.780	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	231444	53.623	ug/l	98
36) 1,1-Dichloropropene	8.151	75	184366	51.307	ug/l	98
37) Ethyl Acetate	7.340	43	318217	58.609	ug/l #	94
38) Carbon Tetrachloride	8.134	117	189555	51.011	ug/l	97
39) Methylcyclohexane	9.392	83	216113	48.308	ug/l	94
40) Benzene	8.387	78	584221	52.682	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	162519	61.719	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	221084	54.997	ug/l	97
43) Isopropyl Acetate	8.492	43	446449	57.214	ug/l #	92
44) Trichloroethene	9.151	130	138724	49.156	ug/l	83
45) 1,2-Dichloropropane	9.422	63	157628	55.767	ug/l	97
46) Dibromomethane	9.516	93	104064	54.223	ug/l	92
47) Bromodichloromethane	9.698	83	211615	56.930	ug/l	99
48) Methyl methacrylate	9.498	41	201068	55.652	ug/l	89
49) 1,4-Dioxane	9.504	88	86845	1266.200	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	1554695	314.183	ug/l	90
52) Toluene	10.445	92	360996	52.674	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	220671	53.927	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	241279	54.616	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	155213	55.012	ug/l	98
56) Ethyl methacrylate	10.704	69	252580	55.386	ug/l #	82
57) 1,3-Dichloropropane	10.981	76	266307	55.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	588320	289.268	ug/l	94
59) 2-Hexanone	11.028	43	1205339	319.549	ug/l	87
60) Dibromochloromethane	11.181	129	154072	57.275	ug/l	100
61) 1,2-Dibromoethane	11.286	107	155261	55.093	ug/l	100
64) Tetrachloroethene	10.916	164	127943	48.336	ug/l	96
65) Chlorobenzene	11.710	112	370720	50.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.781	131	138874	51.501	ug/l	99
67) Ethyl Benzene	11.786	91	693974	52.142	ug/l	97
68) m/p-Xylenes	11.892	106	524194	104.359	ug/l	95
69) o-Xylene	12.222	106	259888	50.683	ug/l	94
70) Styrene	12.233	104	439472	55.511	ug/l	98
71) Bromoform	12.398	173	113671	57.610	ug/l #	97
73) Isopropylbenzene	12.516	105	687254	49.930	ug/l	99
74) N-amyl acetate	12.328	43	345992	50.201	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	241723	52.922	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	318261	76.361	ug/l #	1
77) Bromobenzene	12.798	156	158921	49.660	ug/l	85
78) n-propylbenzene	12.857	91	787478	51.499	ug/l	97
79) 2-Chlorotoluene	12.945	91	485490	50.165	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	574223	51.183	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	74843	49.247	ug/l	88
82) 4-Chlorotoluene	13.045	91	470042	50.168	ug/l	96
83) tert-Butylbenzene	13.263	119	495732	49.287	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	567241	50.642	ug/l	96
85) sec-Butylbenzene	13.439	105	704595	52.169	ug/l	98
86) p-Isopropyltoluene	13.557	119	570182	52.261	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	281168	48.974	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	279961	48.670	ug/l	99
89) n-Butylbenzene	13.880	91	472904	52.017	ug/l	98
90) Hexachloroethane	14.145	117	100101	49.232	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	289516	49.504	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	59430	53.533	ug/l	84
93) 1,2,4-Trichlorobenzene	15.192	180	154718	50.808	ug/l	98
94) Hexachlorobutadiene	15.298	225	67782	50.072	ug/l	99
95) Naphthalene	15.433	128	592157	48.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	158314	50.398	ug/l	98

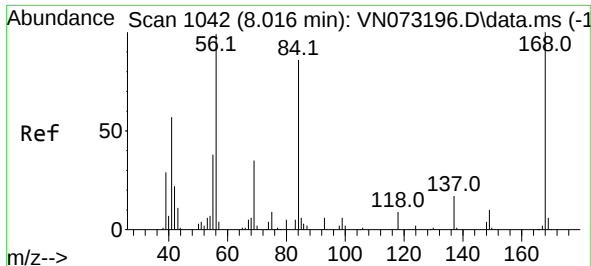
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Response via : Initial Calibration

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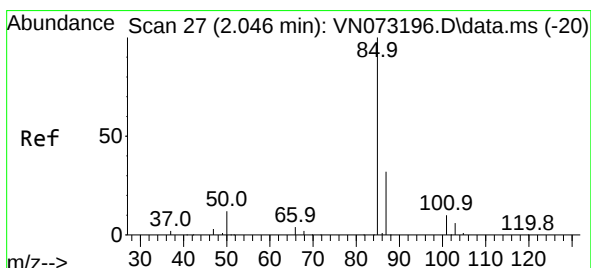
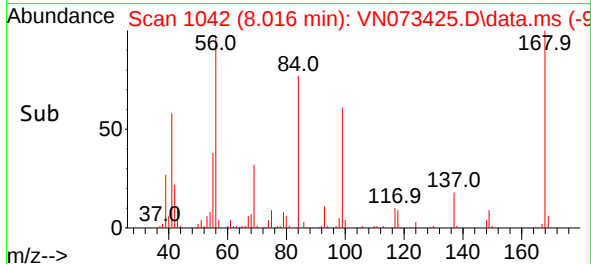
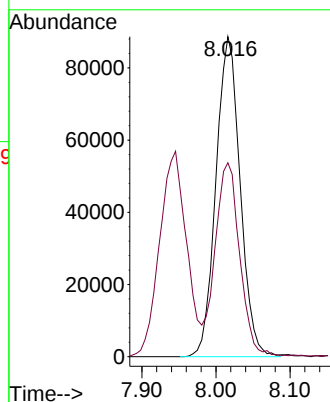
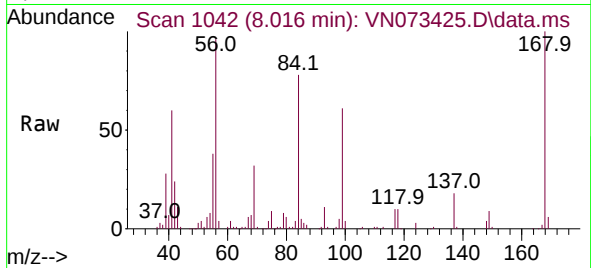
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

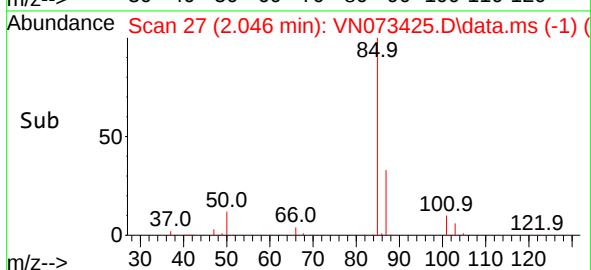
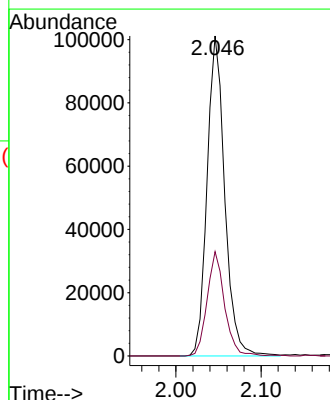
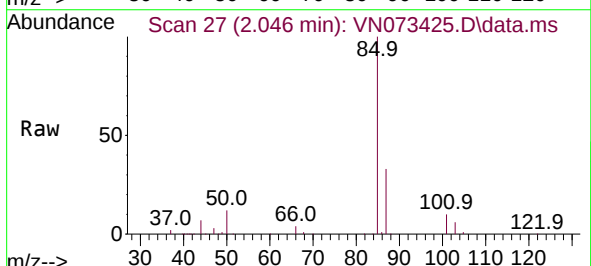
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 200800
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 49.598 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 85 Resp: 145606
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1

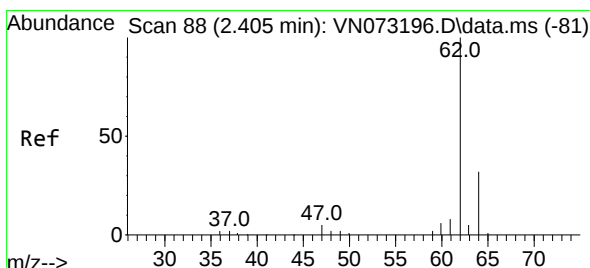
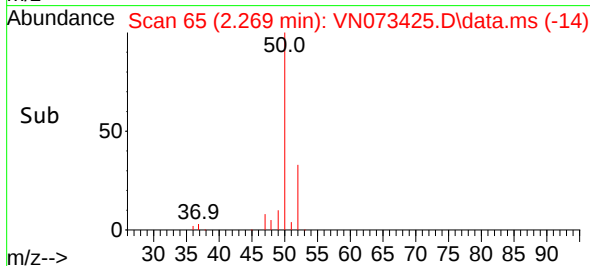
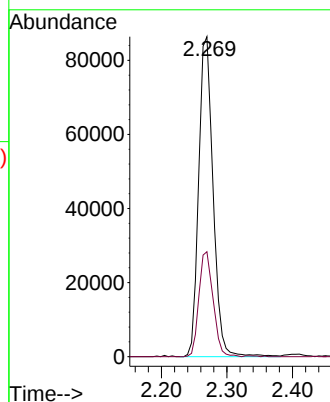
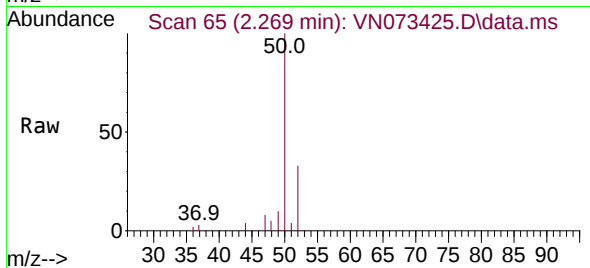




#3
Chloromethane
Concen: 46.483 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

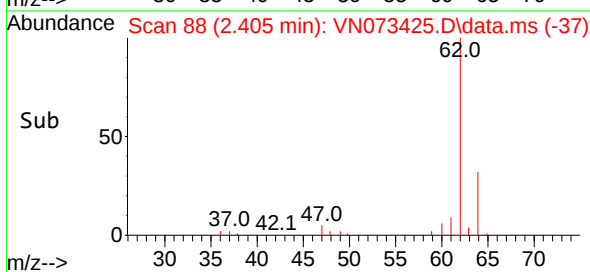
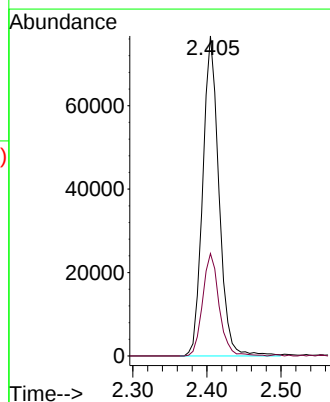
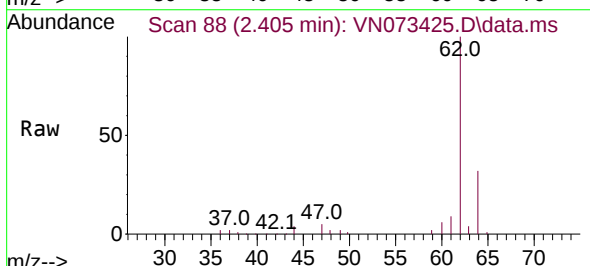
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ClientSampleId :
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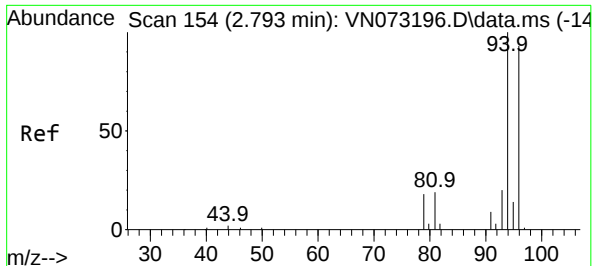
Tgt Ion: 50 Resp: 132484
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 48.190 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 62 Resp: 116701
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4

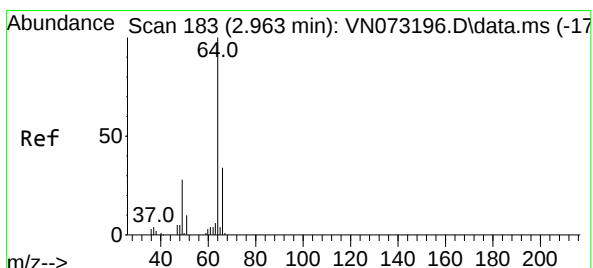
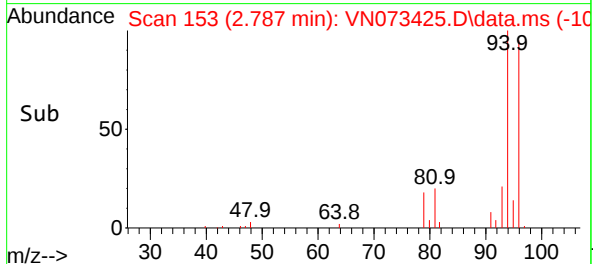
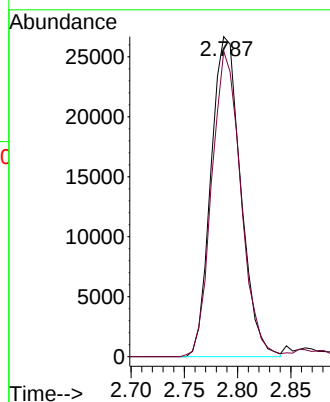
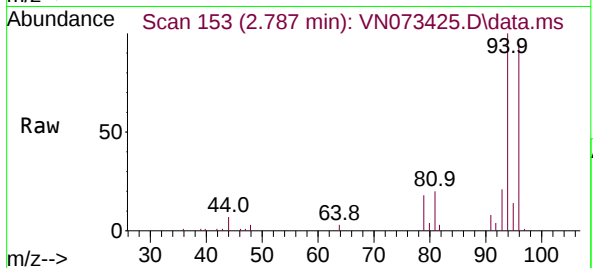




#5
Bromomethane
Concen: 45.239 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

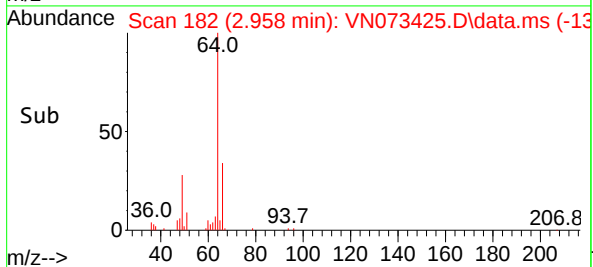
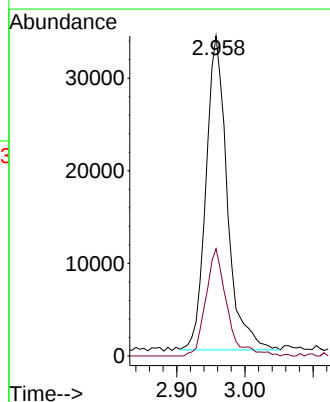
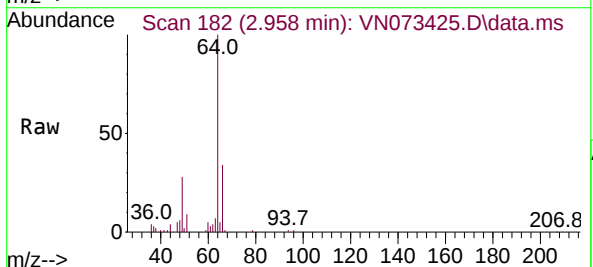
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 51745
Ion Ratio Lower Upper
94 100
96 95.4 76.0 114.0



#6
Chloroethane
Concen: 51.757 ug/l
RT: 2.958 min Scan# 182
Delta R.T. -0.005 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 64 Resp: 73731
Ion Ratio Lower Upper
64 100
66 34.2 26.2 39.4

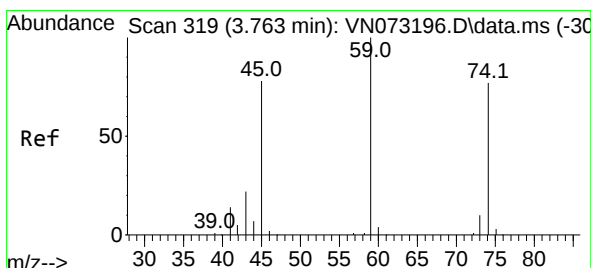
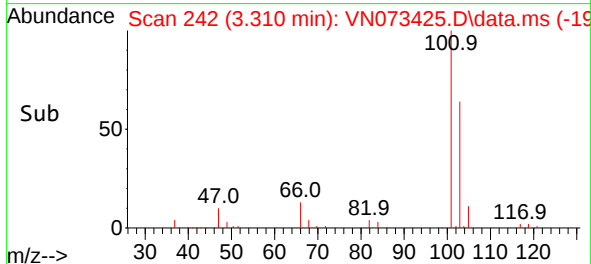
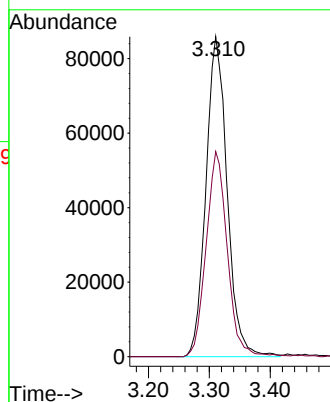
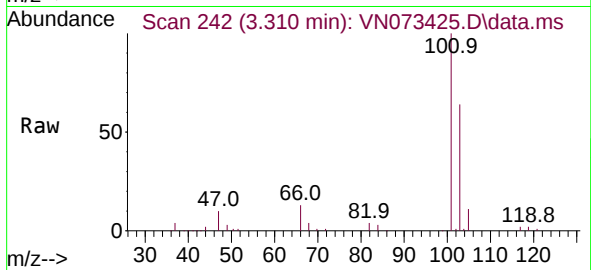




#7
Trichlorofluoromethane
Concen: 49.581 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073425.D
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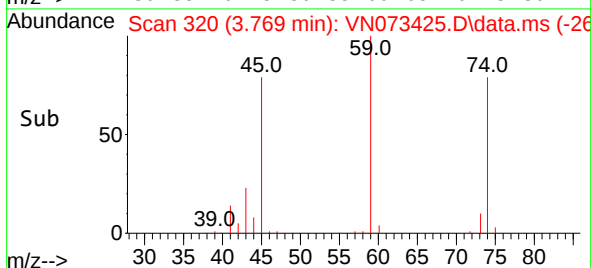
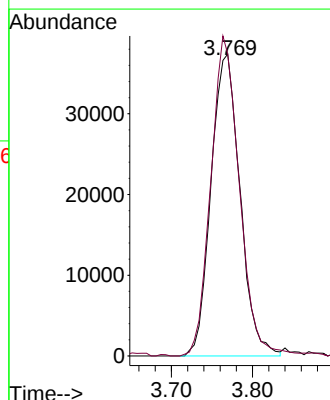
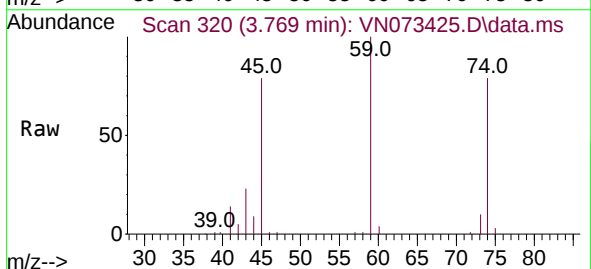
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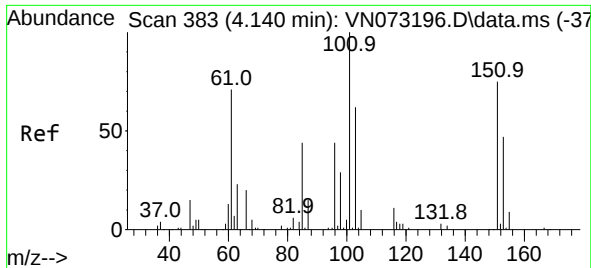
Tgt Ion:101 Resp: 207580
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3



#8
Diethyl Ether
Concen: 54.459 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 74 Resp: 92815
Ion Ratio Lower Upper
74 100
45 104.1 42.9 128.5

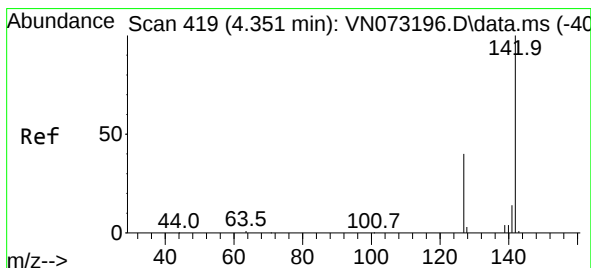
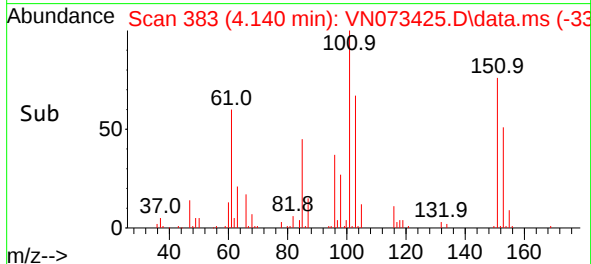
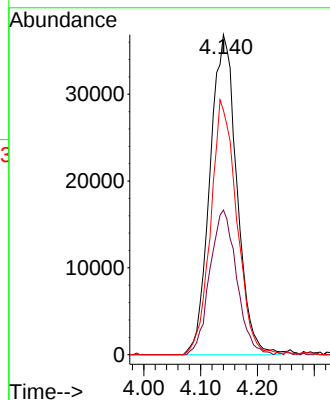
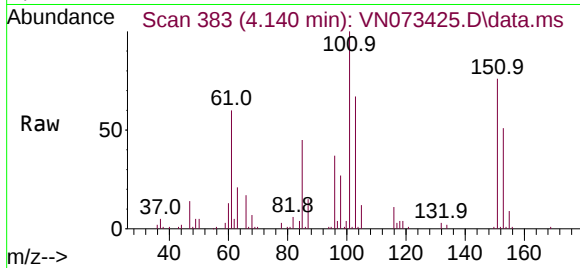




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.942 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073425.D
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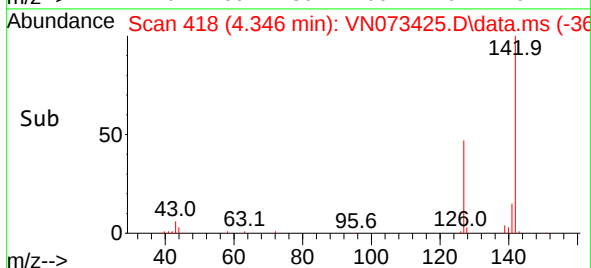
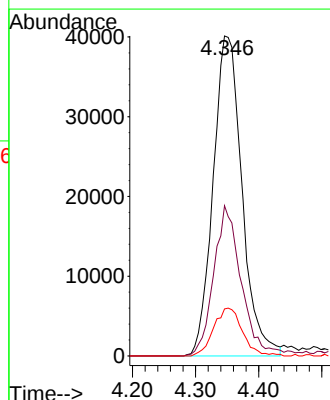
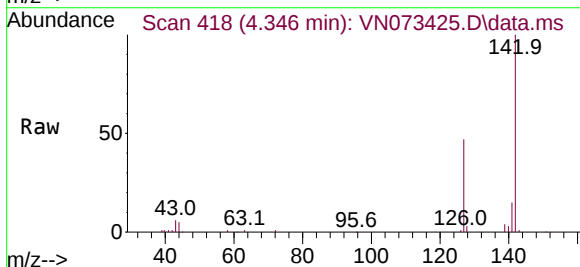
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VSTDCCC050EC

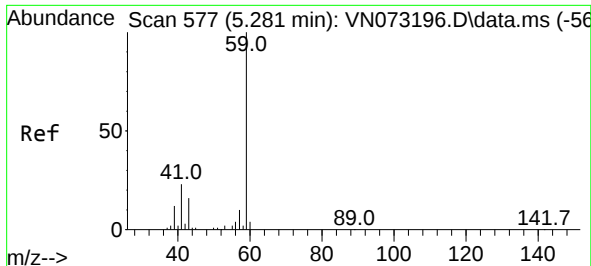
Tgt Ion:101 Resp: 121074
Ion Ratio Lower Upper
101 100
85 45.0 34.7 52.1
151 77.2 63.0 94.4



#10
Methyl Iodide
Concen: 43.265 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion:142 Resp: 127494
Ion Ratio Lower Upper
142 100
127 45.2 31.3 46.9
141 14.9 11.2 16.8

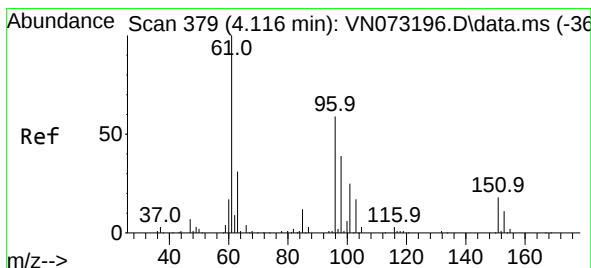
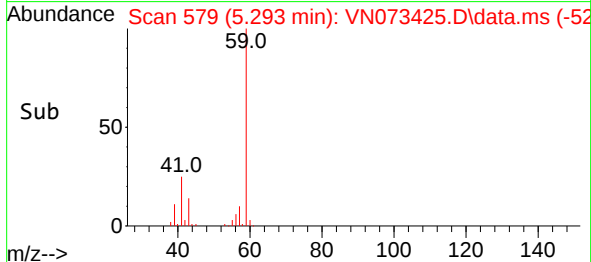
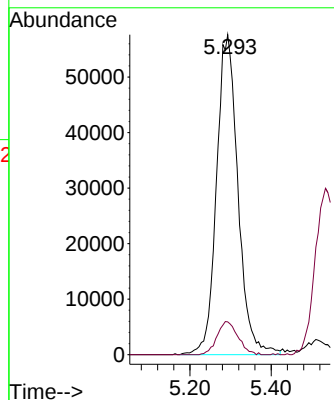
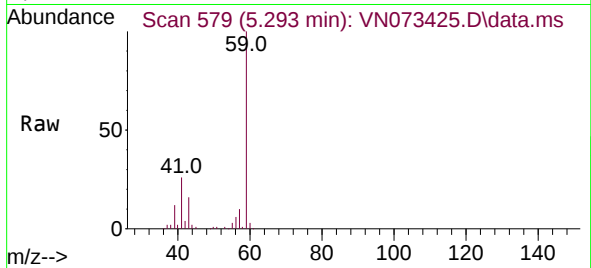




#11
Tert butyl alcohol
Concen: 301.778 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

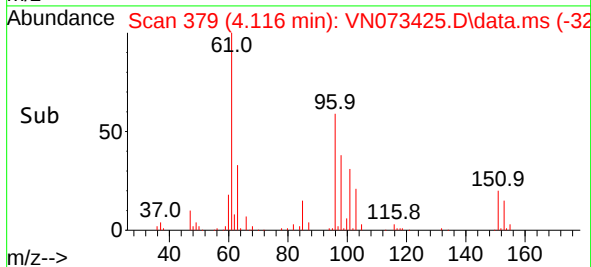
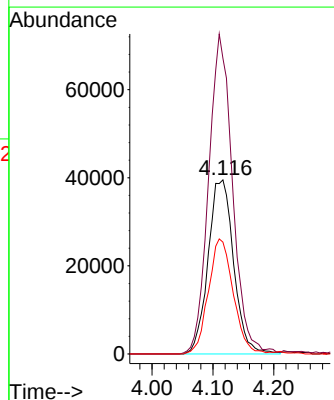
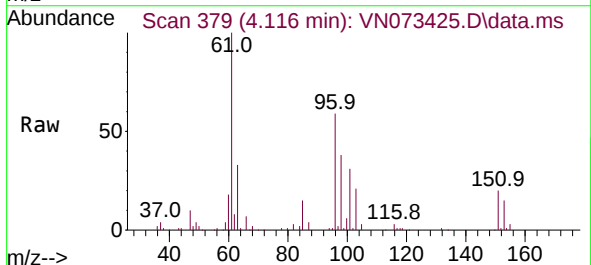
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 211912
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.919 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 96 Resp: 115635
Ion Ratio Lower Upper
96 100
61 169.8 127.6 191.4
98 64.2 51.2 76.8

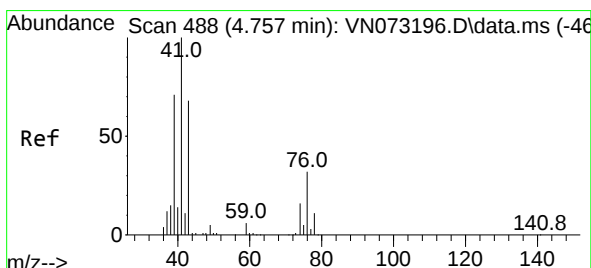
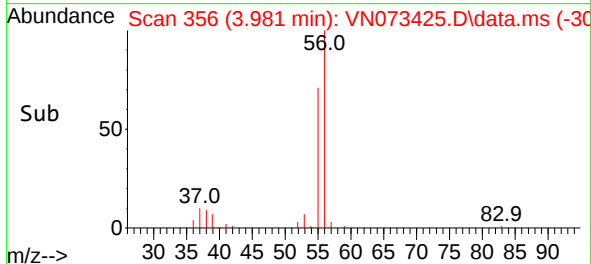
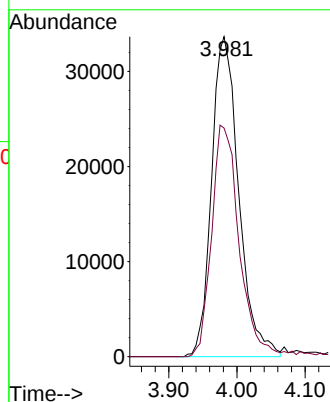
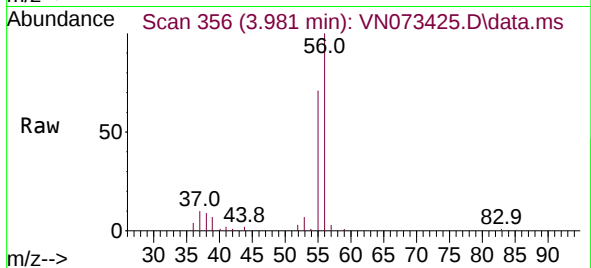




#13
Acrolein
Concen: 210.445 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

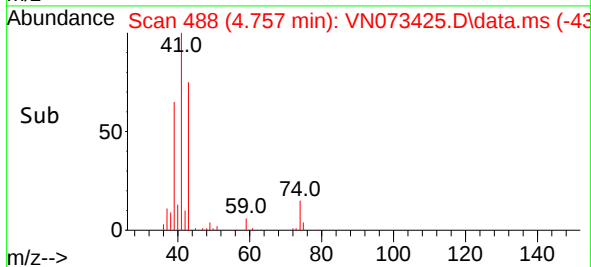
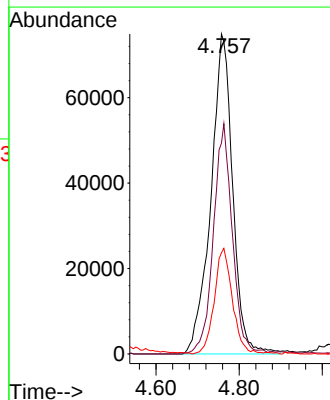
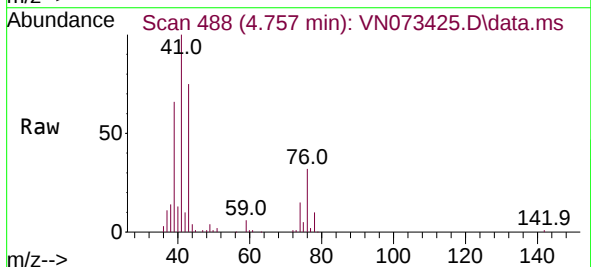
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

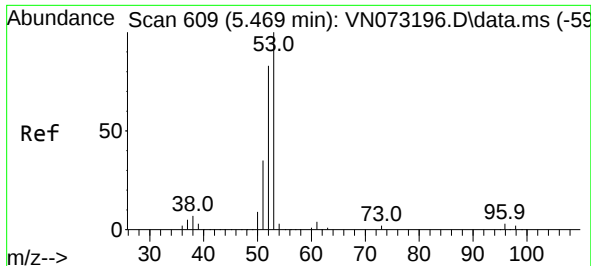
Tgt Ion: 56 Resp: 93405
Ion Ratio Lower Upper
56 100
55 72.6 54.8 82.2



#14
Allyl chloride
Concen: 54.766 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 41 Resp: 272721
Ion Ratio Lower Upper
41 100
39 62.6 53.2 79.8
76 27.4 29.9 44.9#

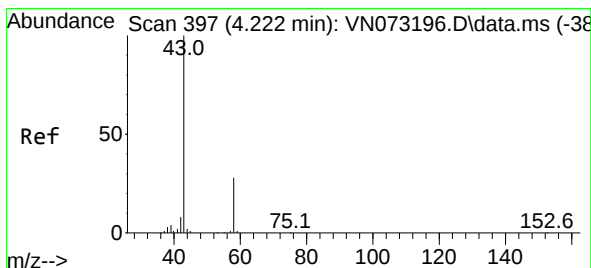
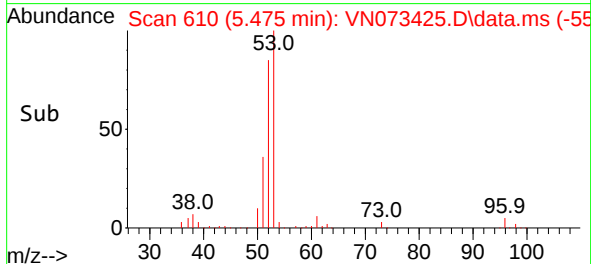
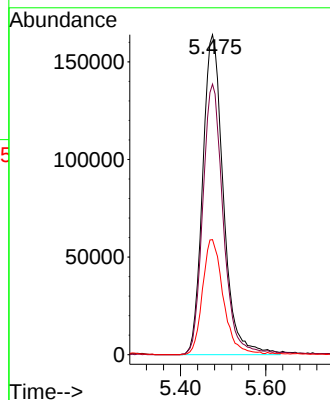
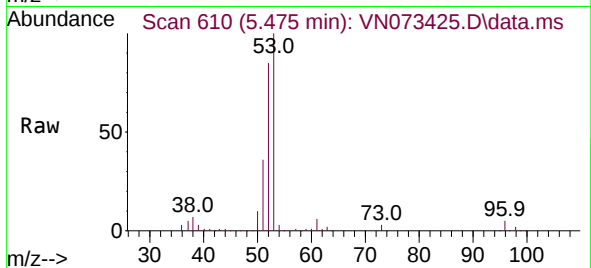




#15
Acrylonitrile
Concen: 306.278 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

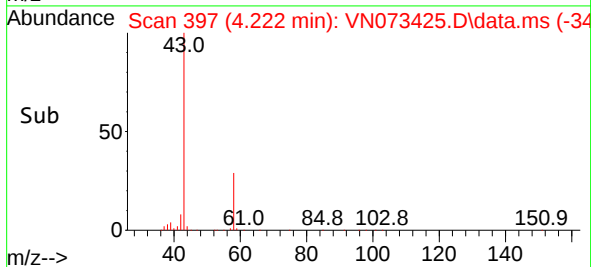
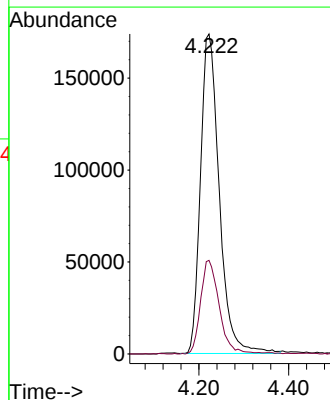
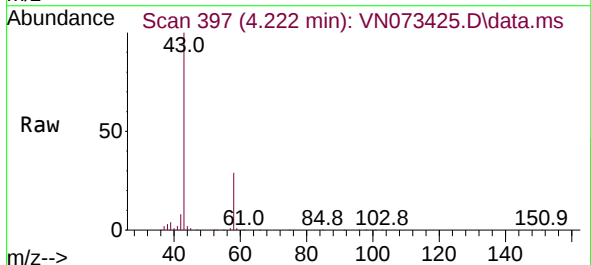
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

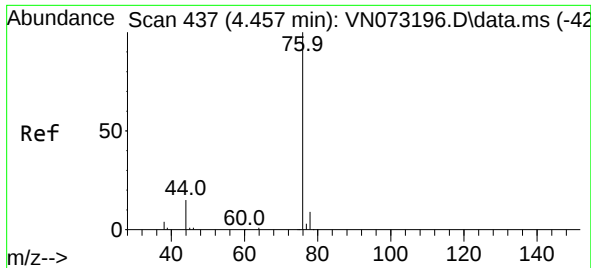
Tgt Ion: 53 Resp: 553653
Ion Ratio Lower Upper
53 100
52 83.5 66.4 99.6
51 36.2 28.5 42.7



#16
Acetone
Concen: 310.196 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 43 Resp: 504729
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0

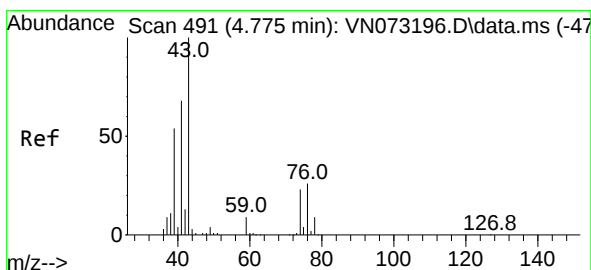
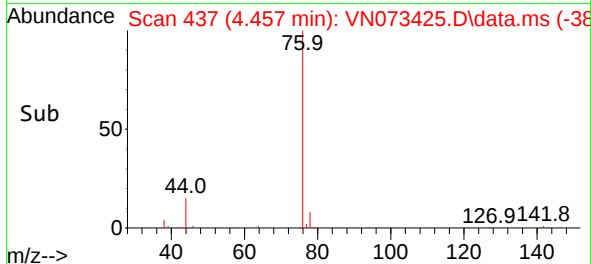
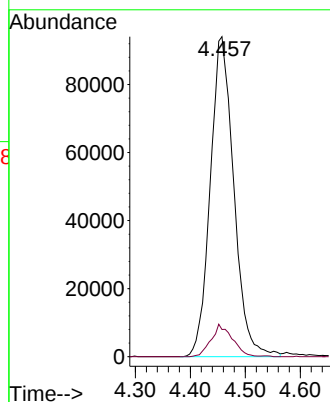
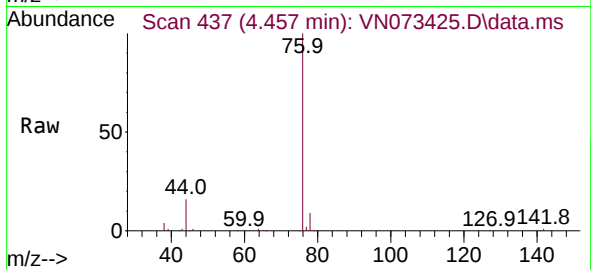




#17
Carbon Disulfide
Concen: 45.729 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

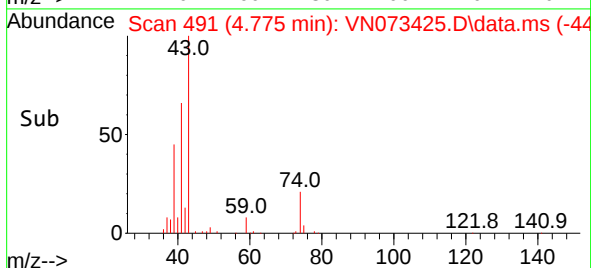
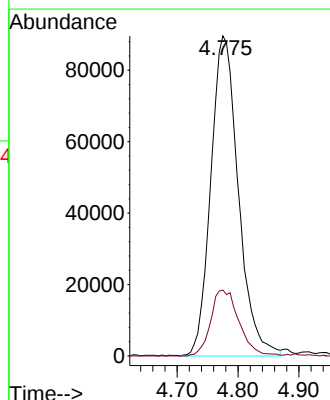
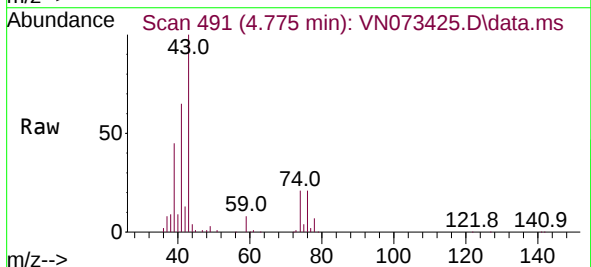
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

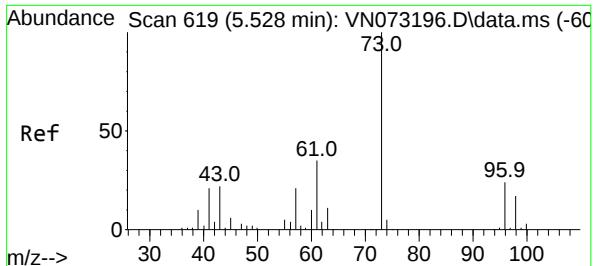
Tgt Ion: 76 Resp: 280290
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 61.823 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 43 Resp: 281901
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 55.426 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

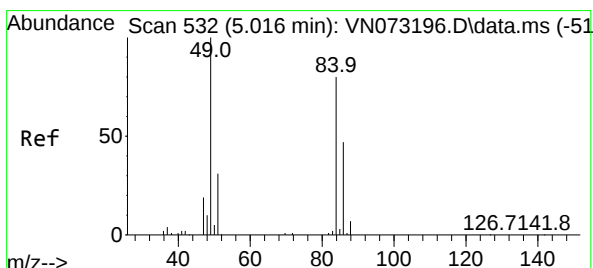
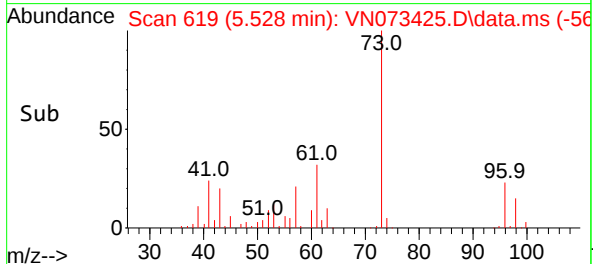
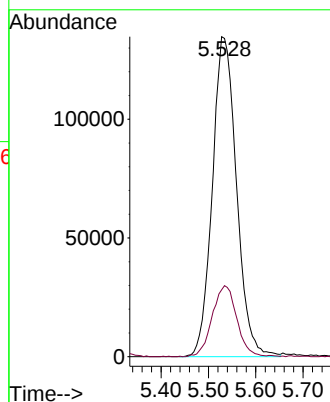
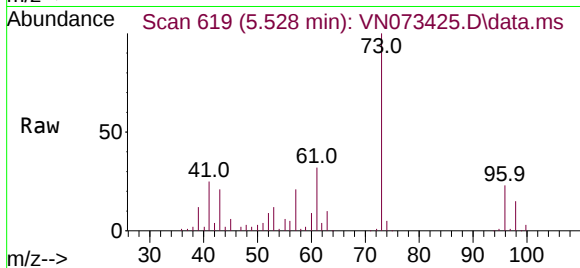
VSTDCCC050EC

Tgt Ion: 73 Resp: 477512

Ion Ratio Lower Upper

73 100

57 20.8 17.6 26.4



#20

Methylene Chloride

Concen: 51.187 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Tgt Ion: 84 Resp: 146371

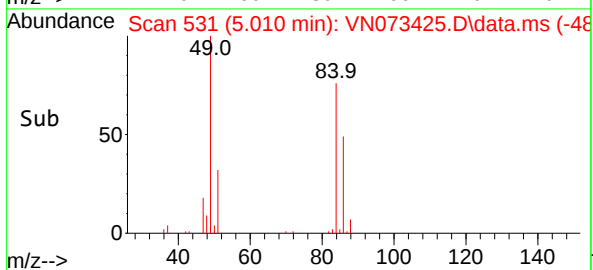
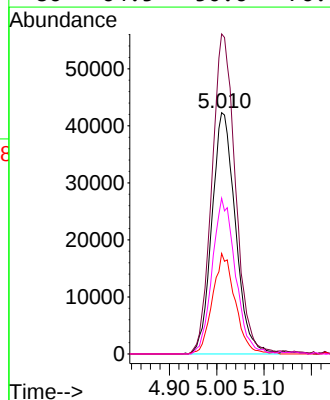
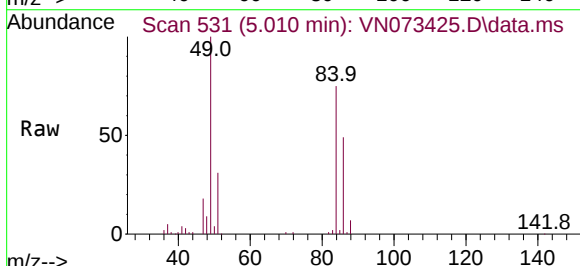
Ion Ratio Lower Upper

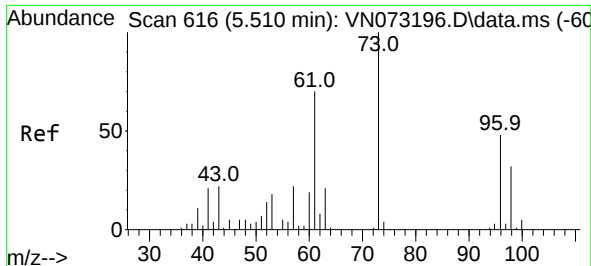
84 100

49 132.6 88.3 132.5#

51 41.7 28.2 42.2

86 64.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.405 ug/l

RT: 5.510 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

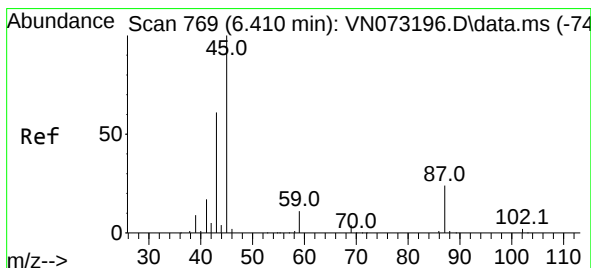
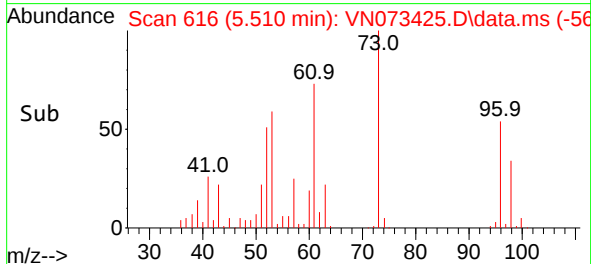
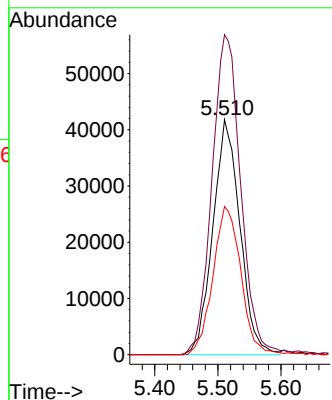
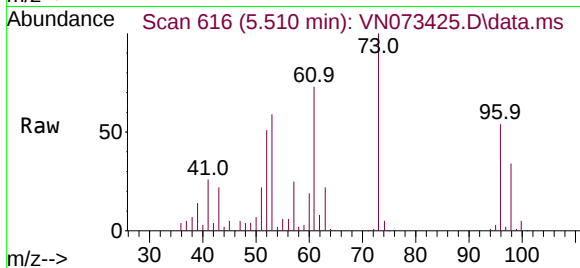
Tgt Ion: 96 Resp: 124495

Ion Ratio Lower Upper

96 100

61 136.1 105.8 158.8

98 63.0 50.3 75.5



#22

Diisopropyl ether

Concen: 58.653 ug/l

RT: 6.416 min Scan# 770

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Tgt Ion: 45 Resp: 545016

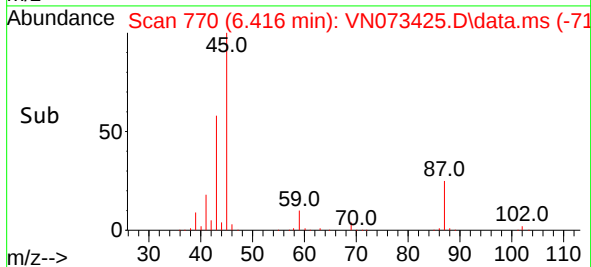
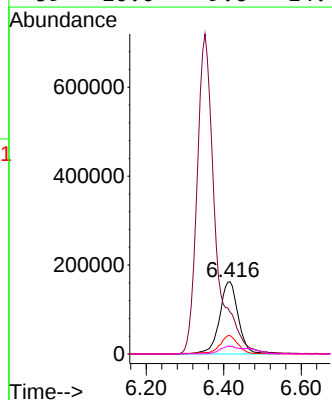
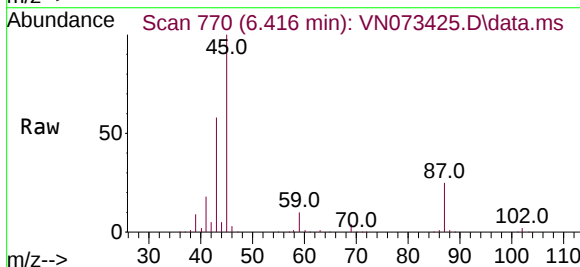
Ion Ratio Lower Upper

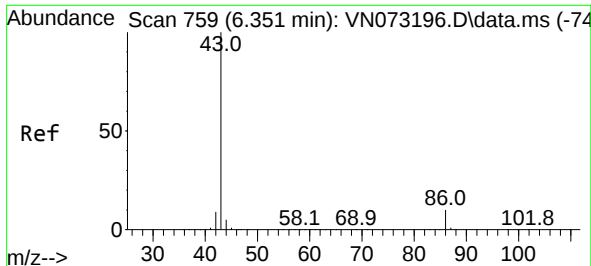
45 100

43 57.3 46.6 70.0

87 25.3 24.3 36.5

59 10.0 9.6 14.4

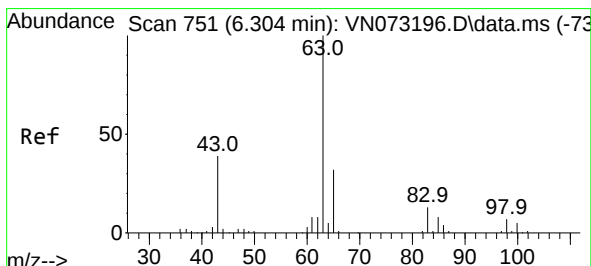
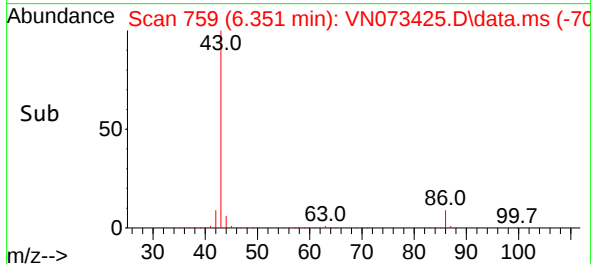
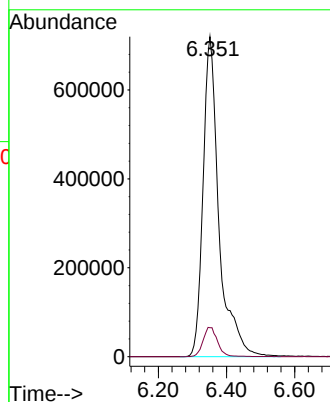
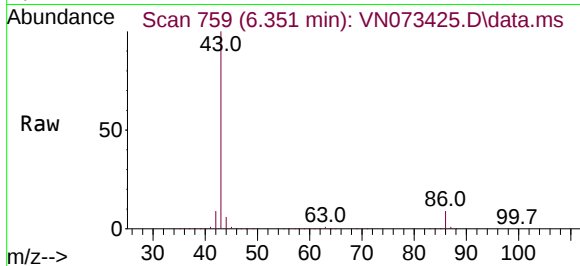




#23
 Vinyl Acetate
 Concen: 281.117 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073425.D
 Acq: 11 Jul 2022 17:32

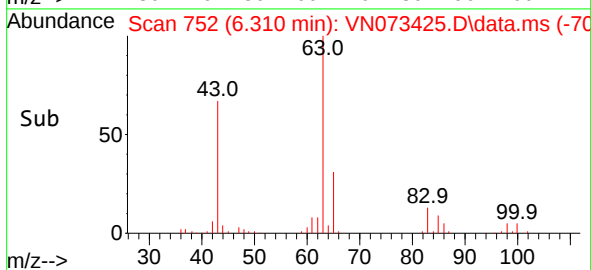
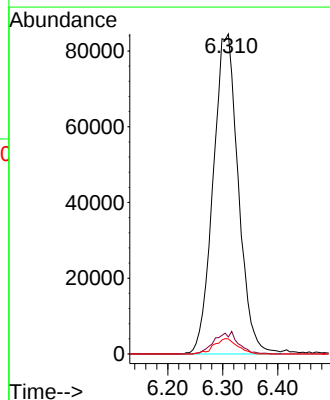
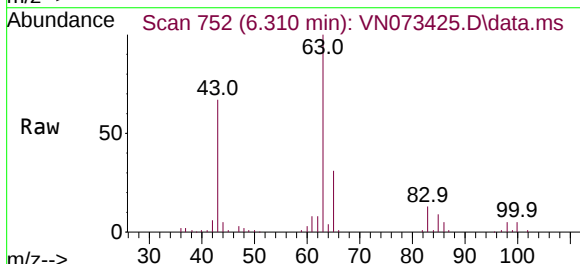
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2338767
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 55.870 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073425.D
 Acq: 11 Jul 2022 17:32

Tgt Ion: 63 Resp: 268657
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.4
 100 4.7 2.3 6.8

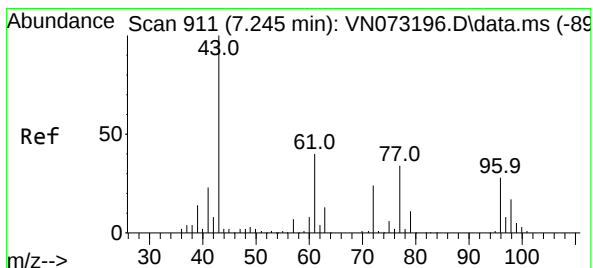
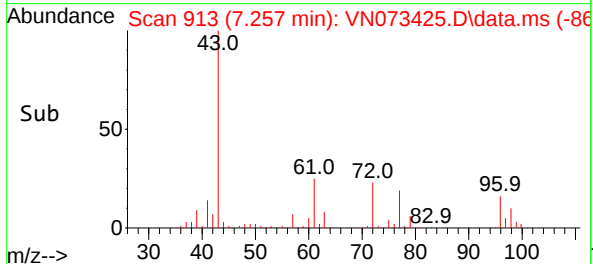
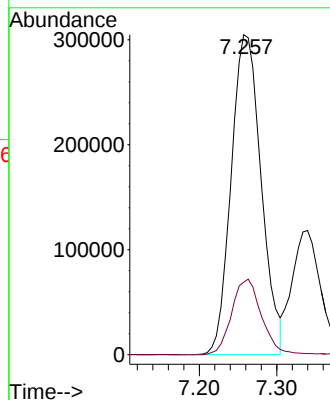
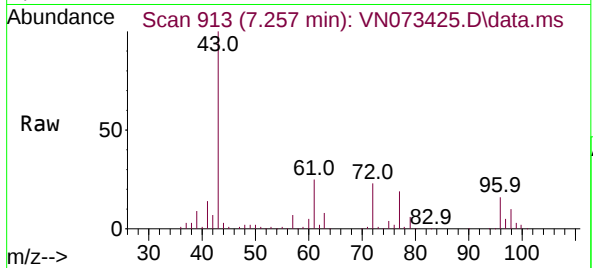




#25
2-Butanone
Concen: 317.311 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

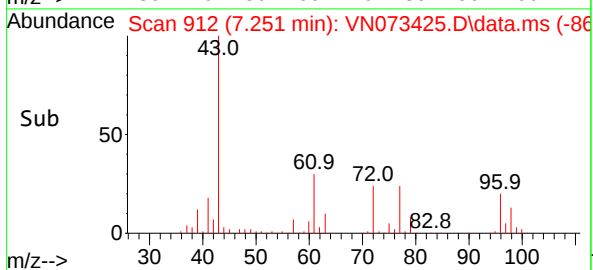
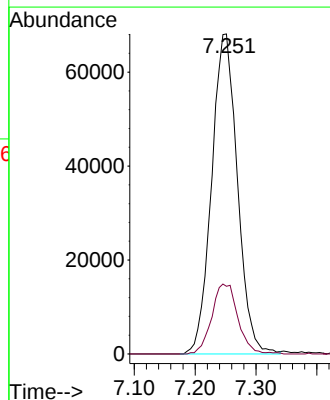
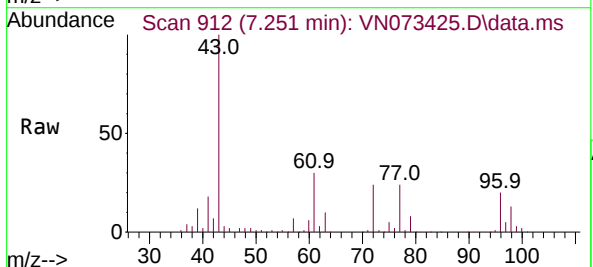
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

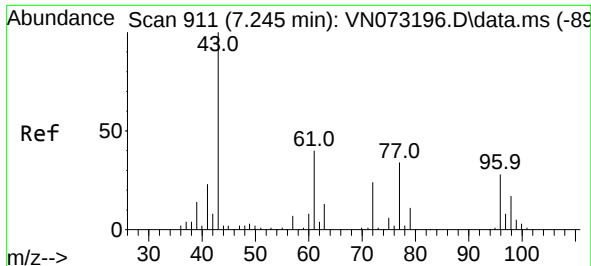
Tgt Ion: 43 Resp: 822014
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 45.117 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 77 Resp: 200654
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2

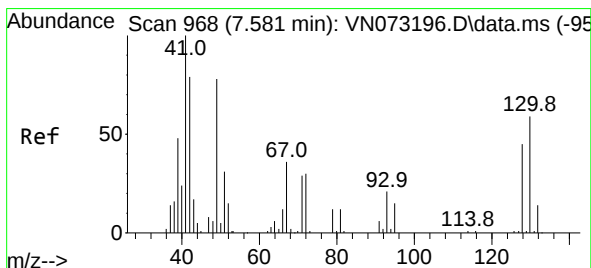
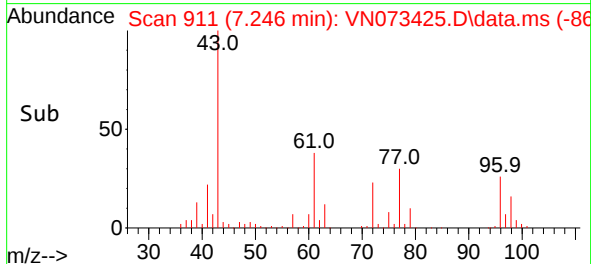
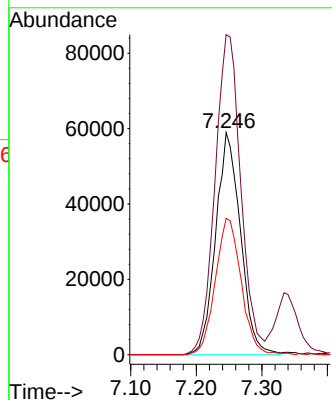
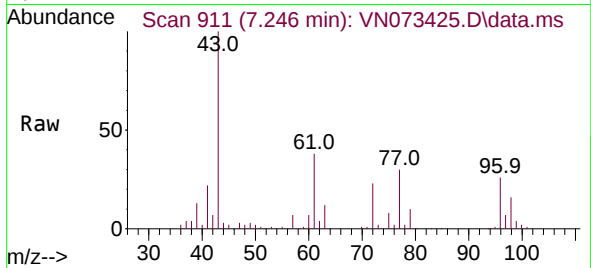




#27
 cis-1,2-Dichloroethene
 Concen: 51.630 ug/l
 RT: 7.246 min Scan# 911
 Delta R.T. 0.001 min
 Lab File: VN073425.D
 Acq: 11 Jul 2022 17:32

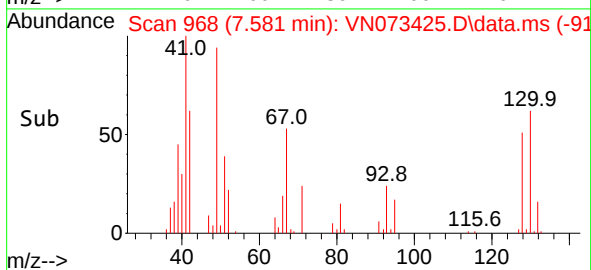
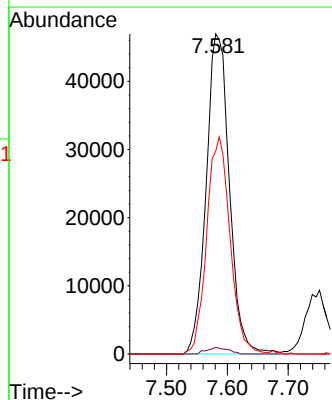
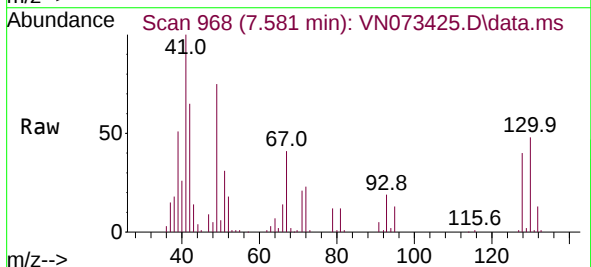
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 154429
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 280.6
 98 64.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 61.782 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073425.D
 Acq: 11 Jul 2022 17:32

Tgt Ion: 49 Resp: 124423
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 68.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 310.234 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

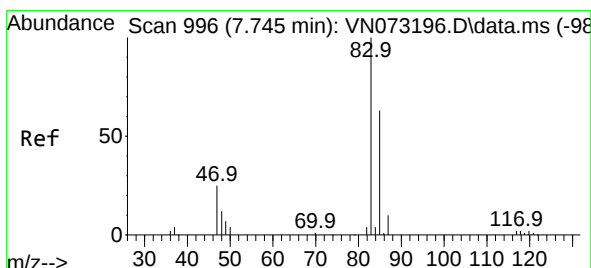
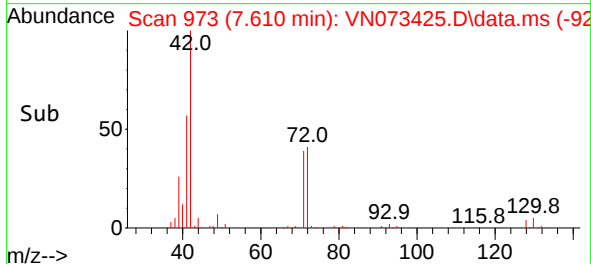
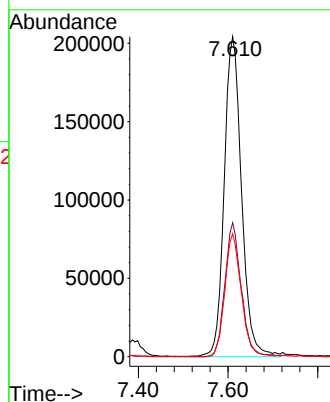
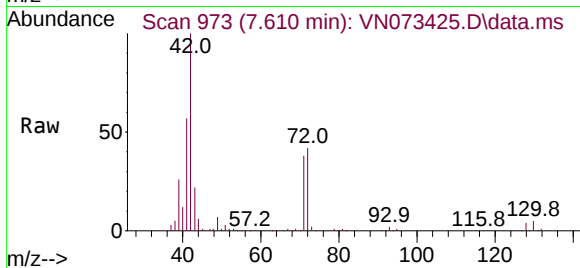
Tgt Ion: 42 Resp: 550298

Ion Ratio Lower Upper

42 100

72 39.3 39.7 59.5#

71 36.4 36.6 55.0#



#30

Chloroform

Concen: 55.700 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073425.D

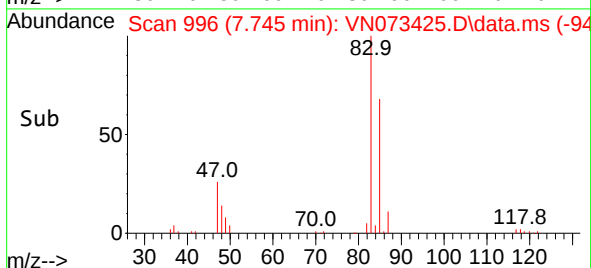
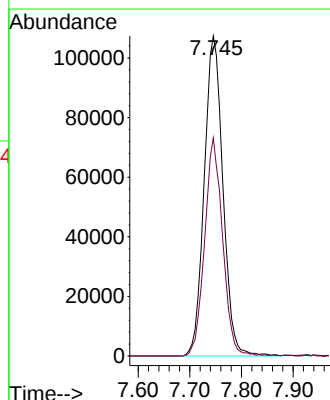
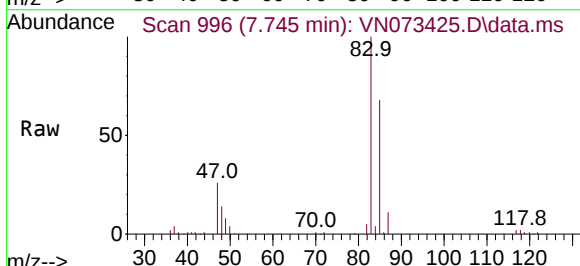
Acq: 11 Jul 2022 17:32

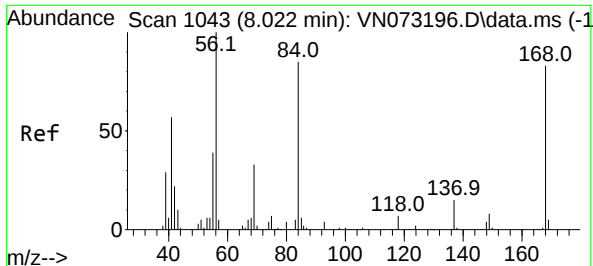
Tgt Ion: 83 Resp: 269768

Ion Ratio Lower Upper

83 100

85 68.1 51.8 77.8

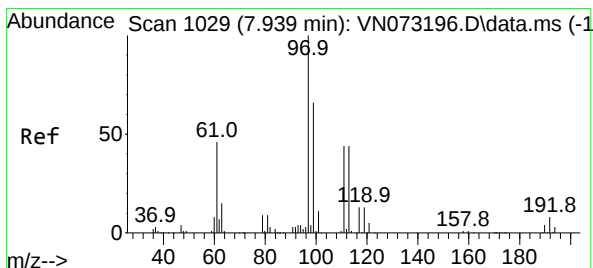
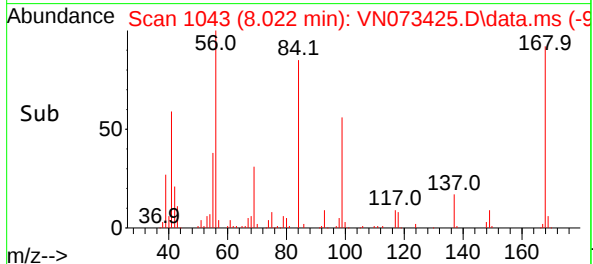
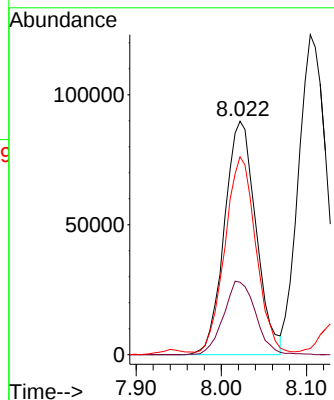
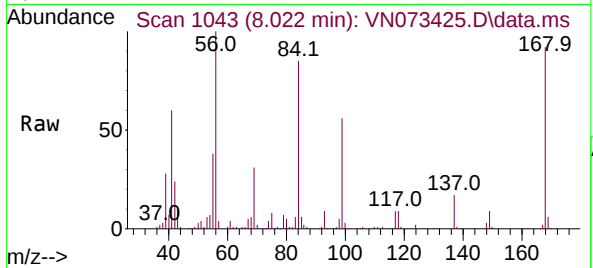




#31
Cyclohexane
Concen: 48.780 ug/l
RT: 8.022 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

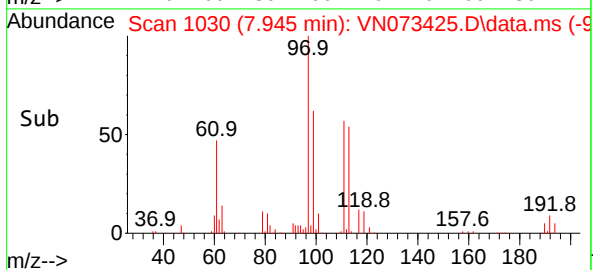
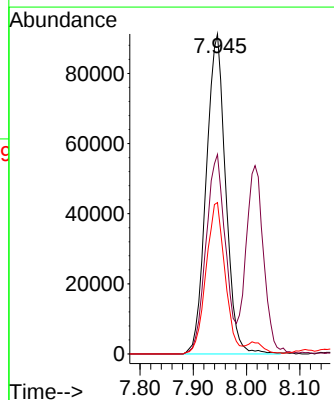
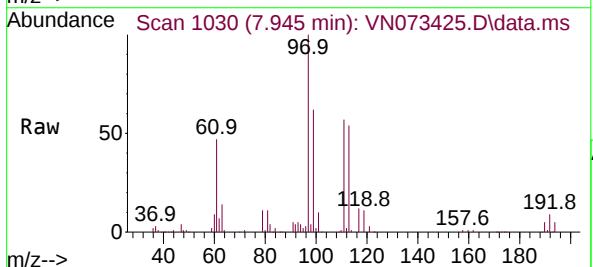
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 231580
Ion Ratio Lower Upper
56 100
69 31.0 27.8 41.8
84 83.2 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 53.623 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 97 Resp: 231444
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 46.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 56.298 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

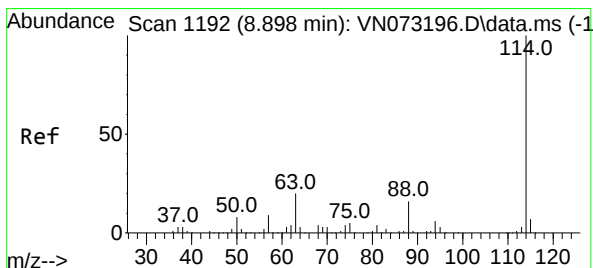
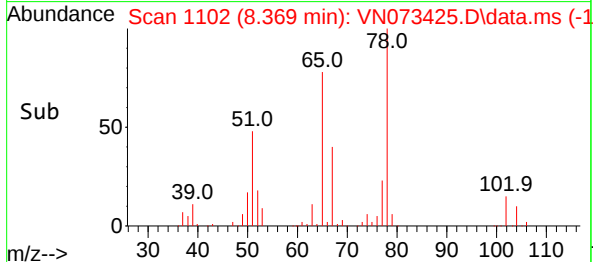
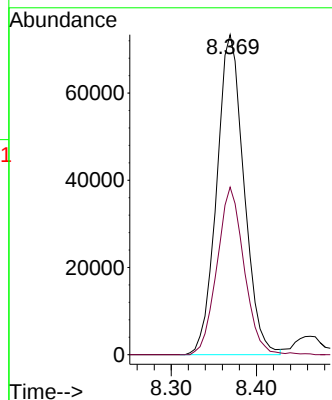
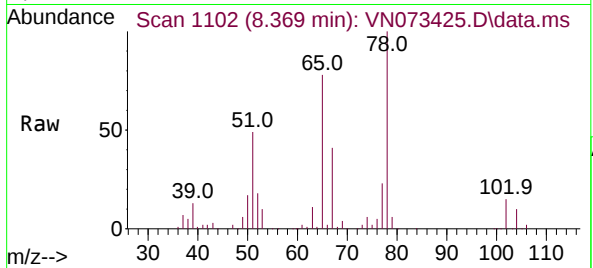
VSTDCCC050EC

Tgt Ion: 65 Resp: 163195

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

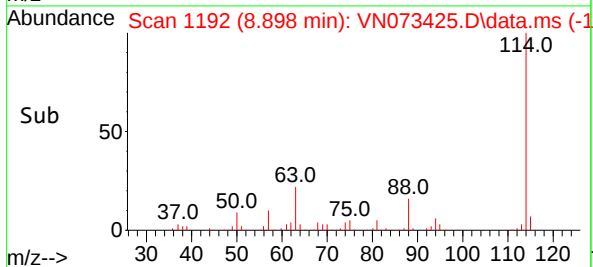
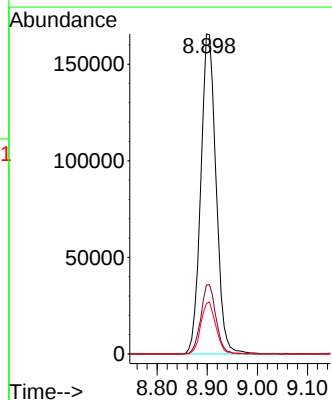
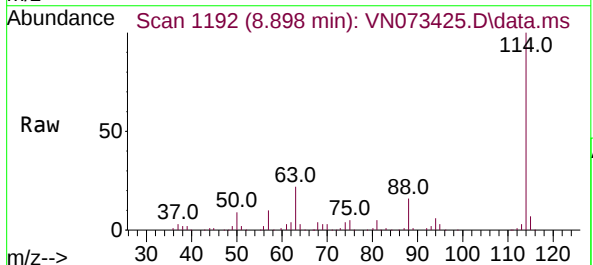
Tgt Ion: 114 Resp: 351010

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.585 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

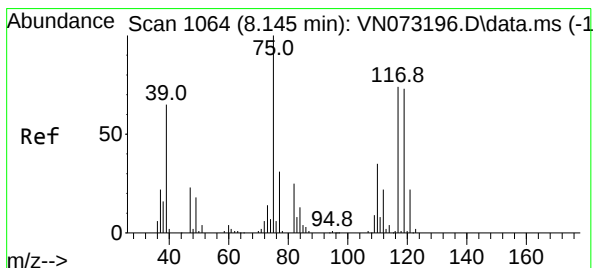
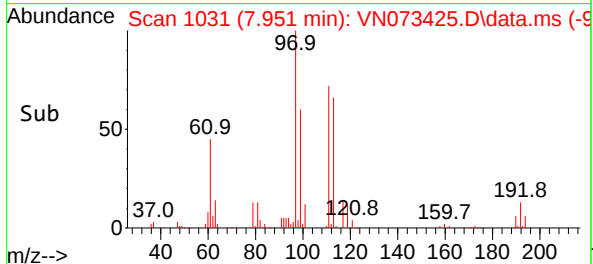
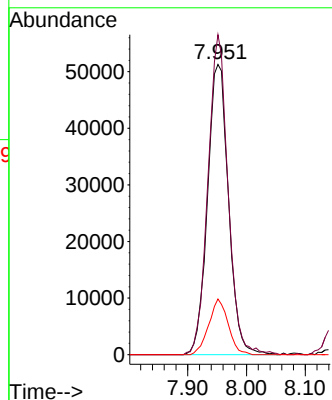
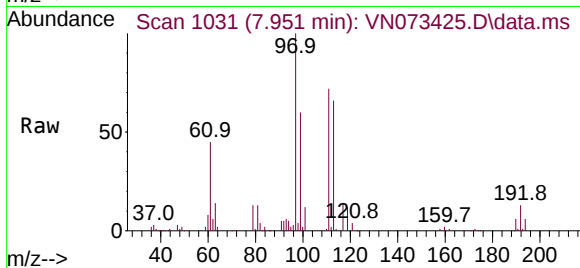
Tgt Ion:113 Resp: 127474

Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 17.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.307 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

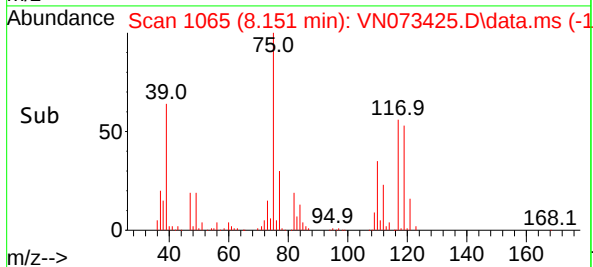
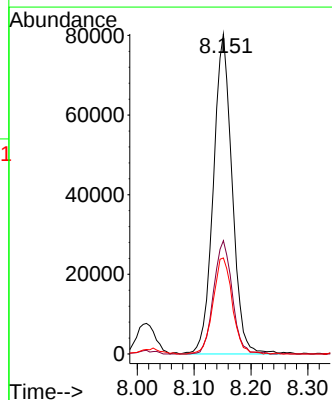
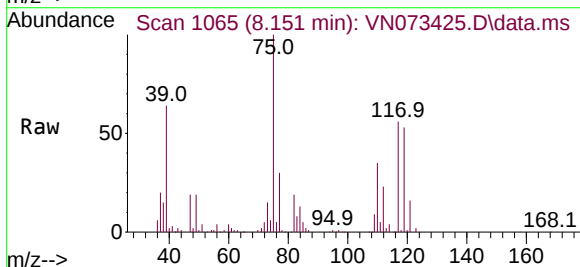
Tgt Ion: 75 Resp: 184366

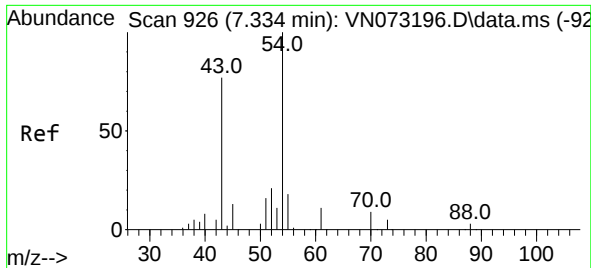
Ion Ratio Lower Upper

75 100

110 35.0 18.3 54.8

77 30.8 25.1 37.7

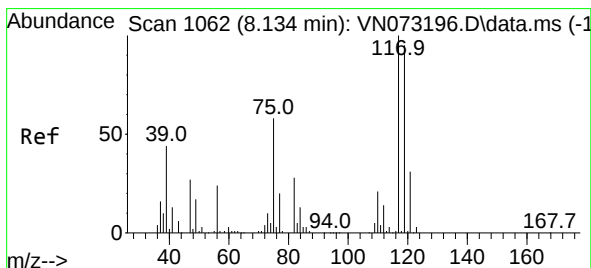
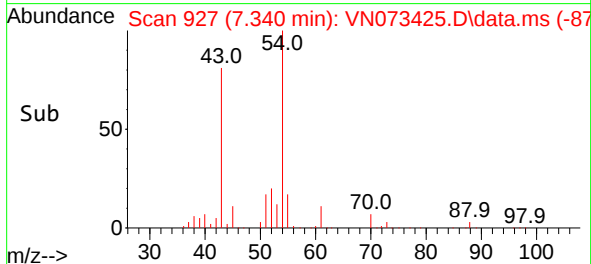
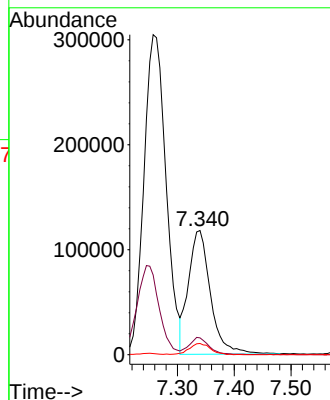
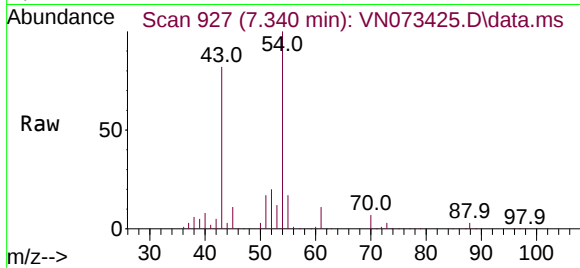




#37
Ethyl Acetate
Concen: 58.609 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

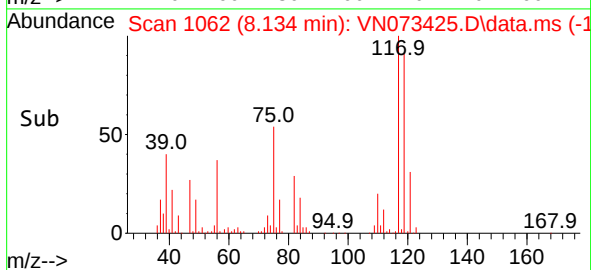
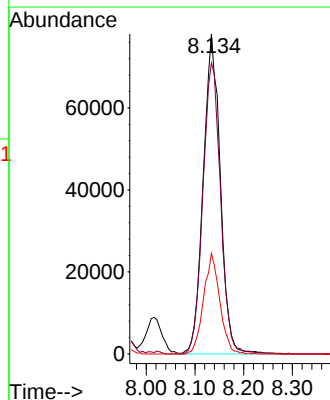
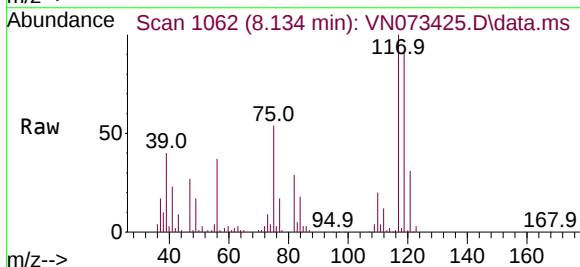
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 318217
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 8.7 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 51.011 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 117 Resp: 189555
Ion Ratio Lower Upper
117 100
119 90.9 75.8 113.8
121 31.5 24.6 37.0

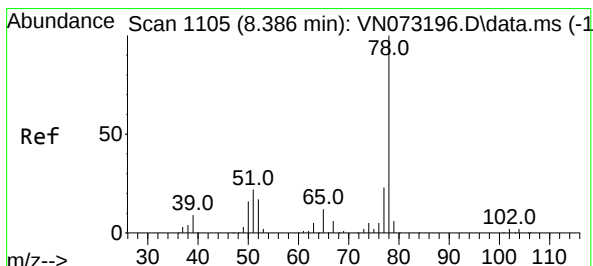
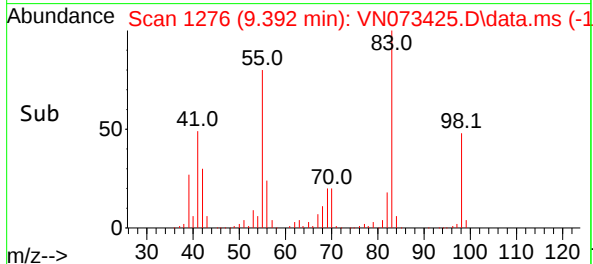
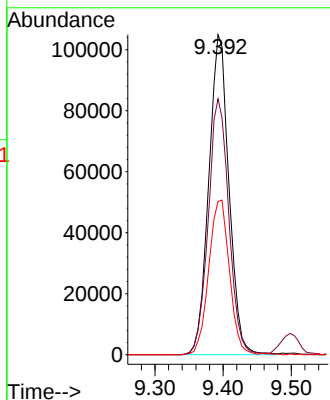
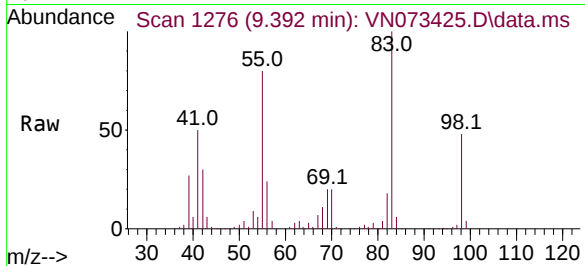




#39
Methylcyclohexane
Concen: 48.308 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

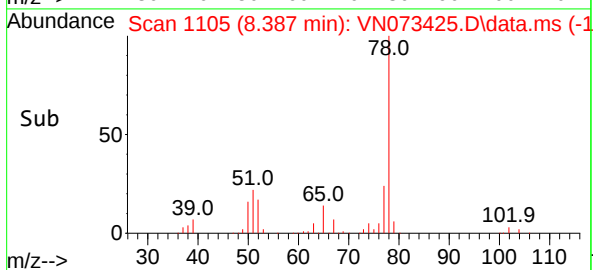
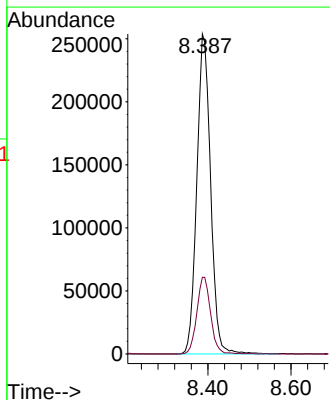
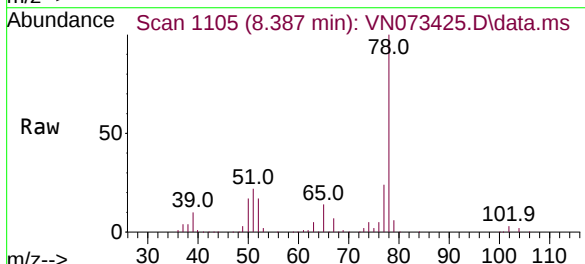
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 216113
Ion Ratio Lower Upper
83 100
55 79.9 57.8 86.8
98 47.9 39.4 59.2



#40
Benzene
Concen: 52.682 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 78 Resp: 584221
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



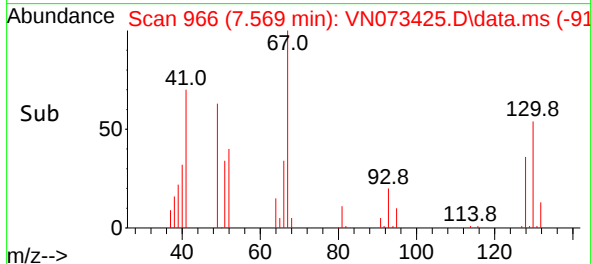
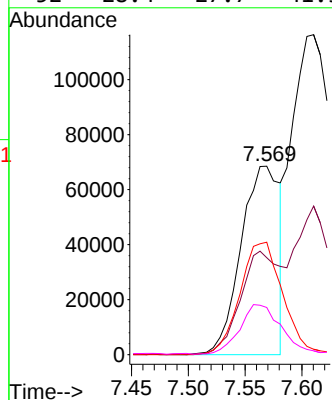
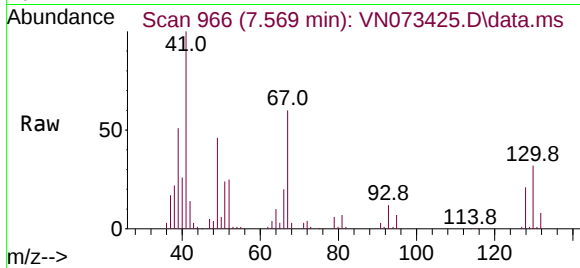


#41
Methacrylonitrile
Concen: 61.719 ug/l
RT: 7.569 min Scan# 966
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 162519

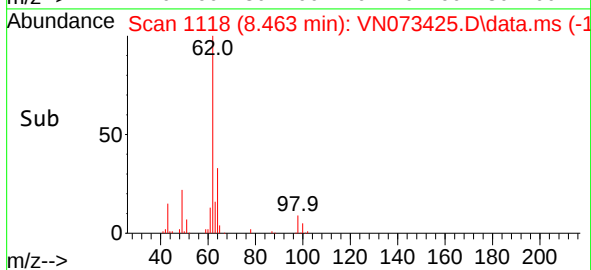
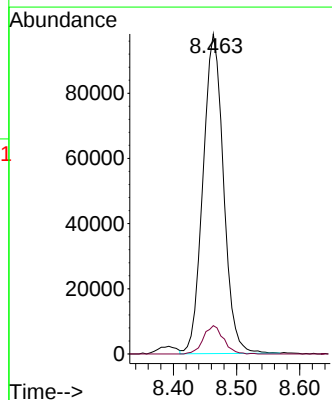
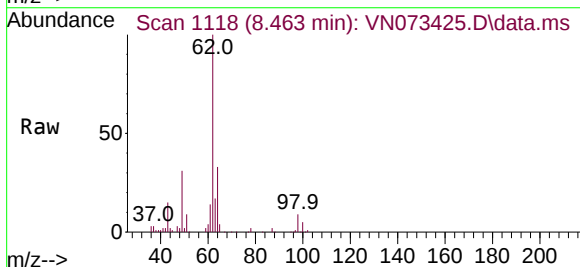
Ion	Ratio	Lower	Upper
41	100		
39	60.7	48.6	73.0
67	66.7	73.4	110.2#
52	28.4	27.7	41.5



#42
1,2-Dichloroethane
Concen: 54.997 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 62 Resp: 221084

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.4

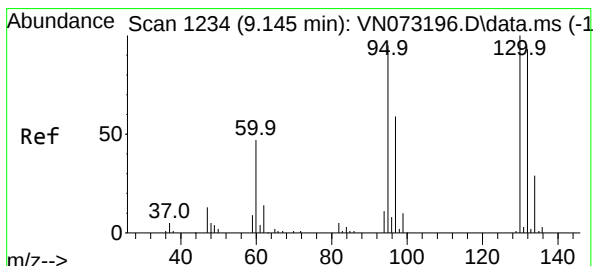
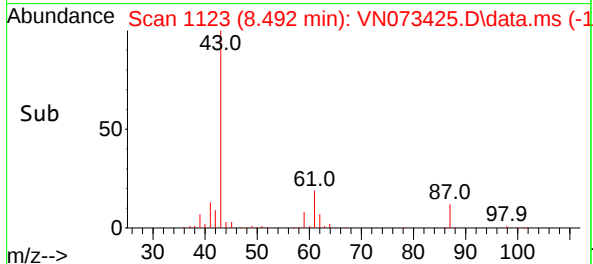
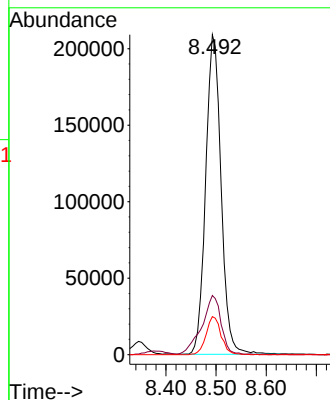
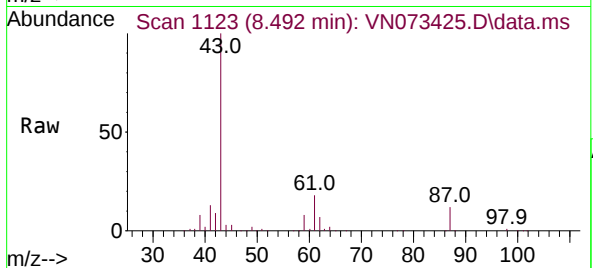




#43
Isopropyl Acetate
Concen: 57.214 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

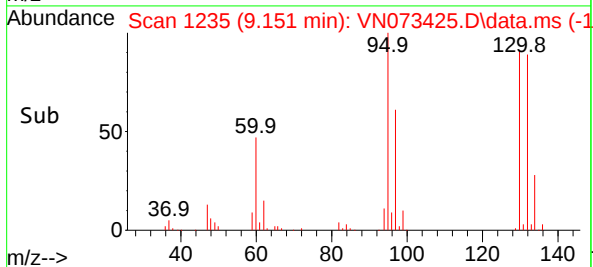
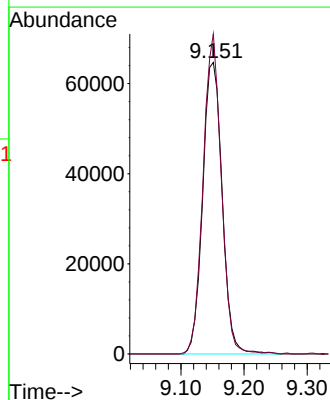
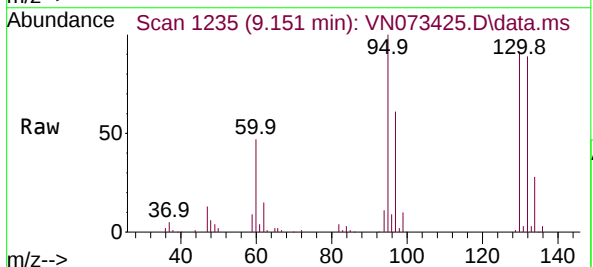
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 446449
Ion Ratio Lower Upper
43 100
61 22.9 21.9 32.9
87 11.6 12.0 18.0#



#44
Trichloroethene
Concen: 49.156 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion:130 Resp: 138724
Ion Ratio Lower Upper
130 100
95 109.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.767 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

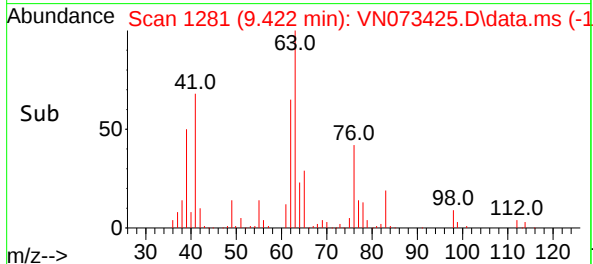
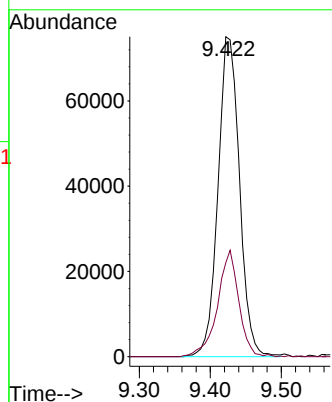
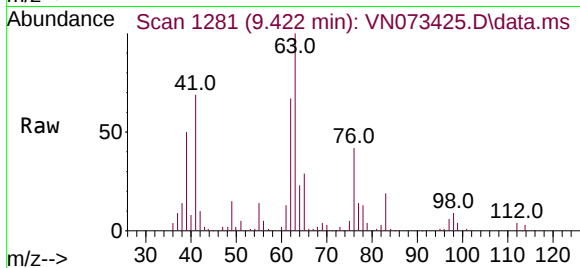
VSTDCCC050EC

Tgt Ion: 63 Resp: 157628

Ion Ratio Lower Upper

63 100

65 29.3 24.9 37.3



#46

Dibromomethane

Concen: 54.223 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

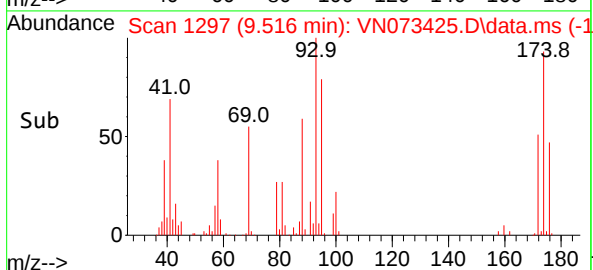
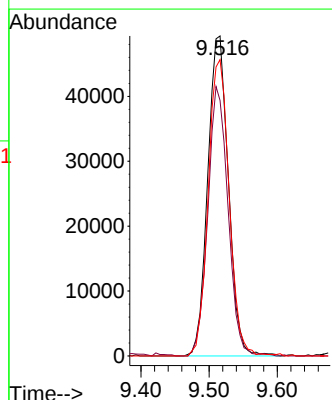
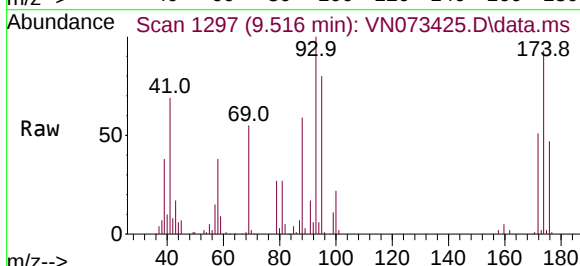
Tgt Ion: 93 Resp: 104064

Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 93.8 86.6 130.0

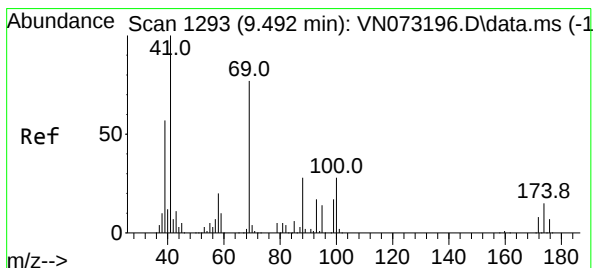
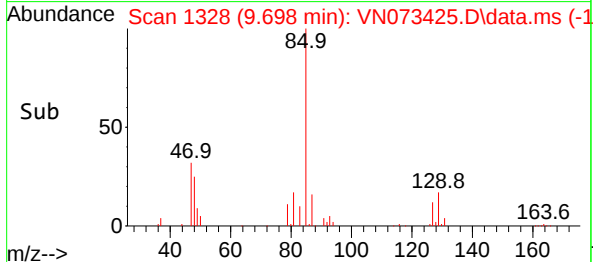
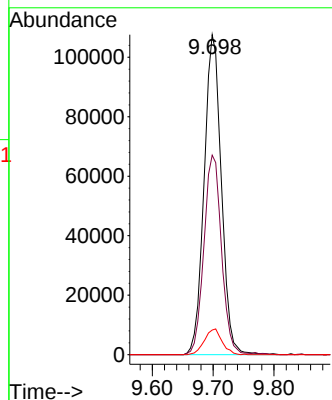
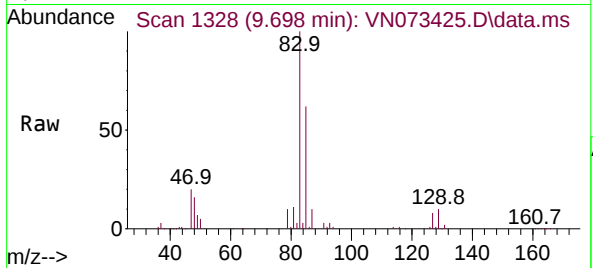




#47
Bromodichloromethane
Concen: 56.930 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

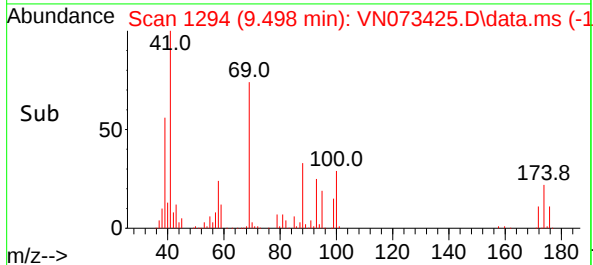
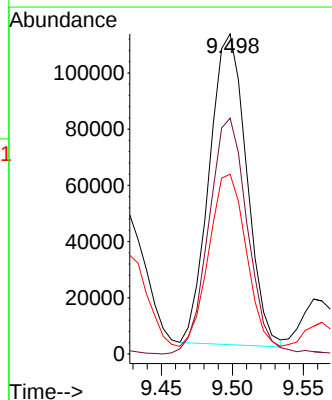
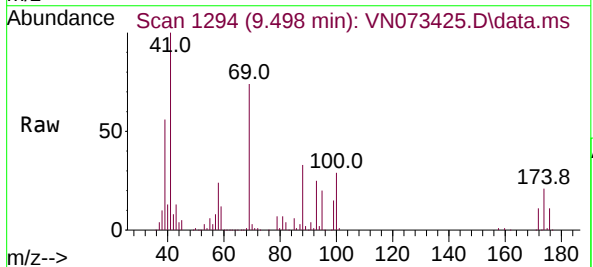
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 211615
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 55.652 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 41 Resp: 201068
Ion Ratio Lower Upper
41 100
69 79.3 74.7 112.1
39 60.6 45.6 68.4





#49

1,4-Dioxane

Concen: 1266.200 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

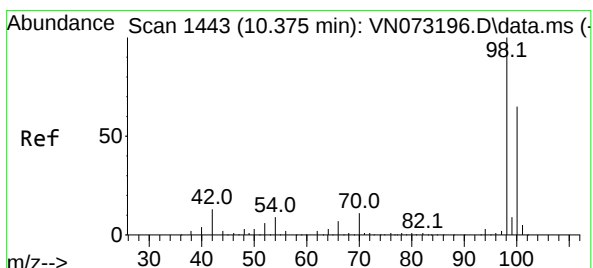
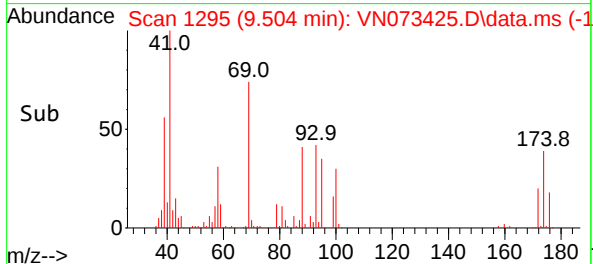
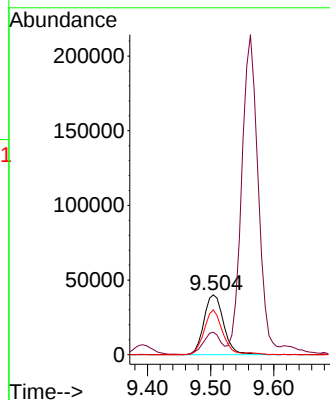
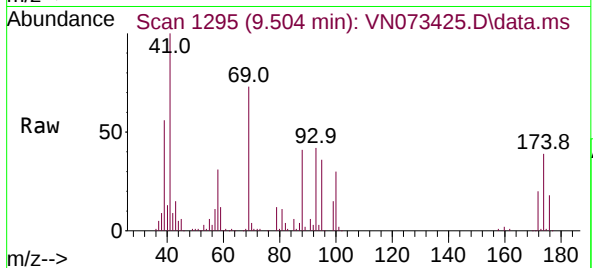
Tgt Ion: 88 Resp: 86845

Ion Ratio Lower Upper

88 100

43 31.9 20.2 30.4#

58 69.1 54.2 81.4



#50

Toluene-d8

Concen: 53.409 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073425.D

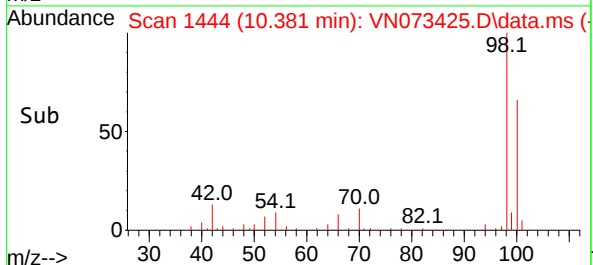
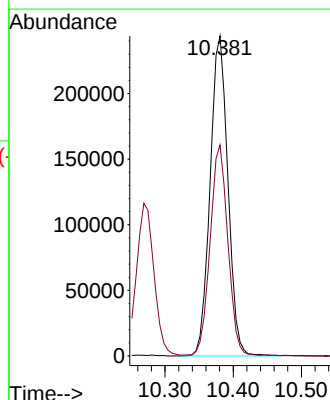
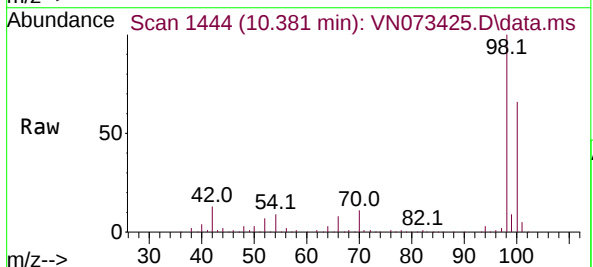
Acq: 11 Jul 2022 17:32

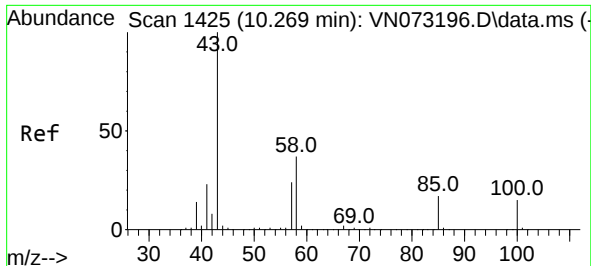
Tgt Ion: 98 Resp: 442992

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 314.183 ug/l

RT: 10.269 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

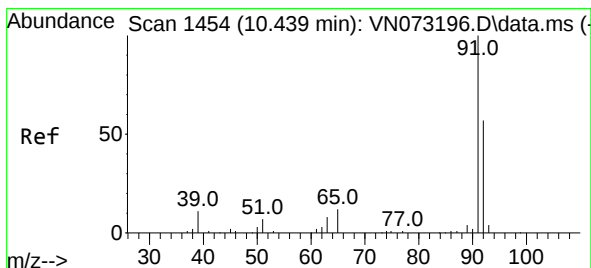
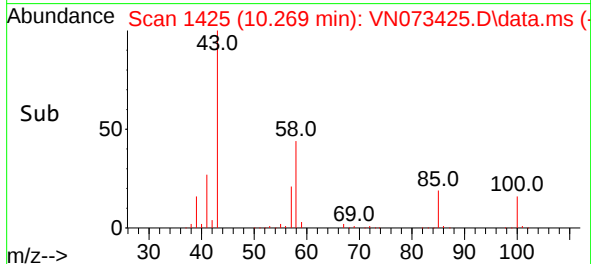
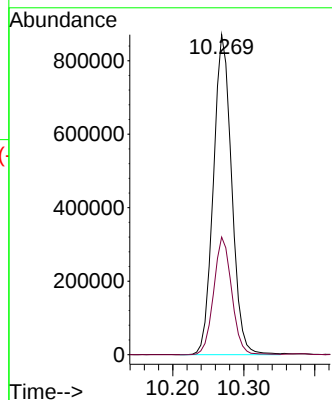
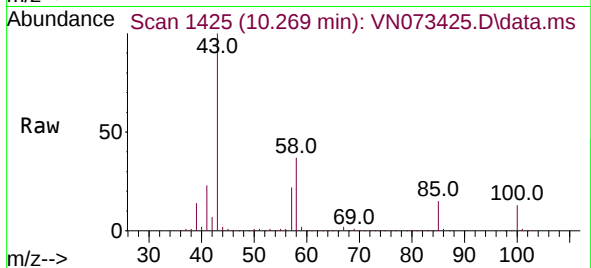
VSTDCCC050EC

Tgt Ion: 43 Resp: 1554695

Ion Ratio Lower Upper

43 100

58 36.2 34.1 51.1



#52

Toluene

Concen: 52.674 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VN073425.D

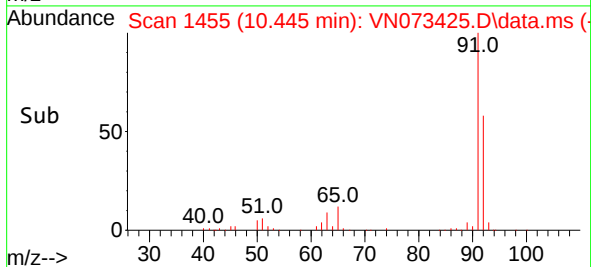
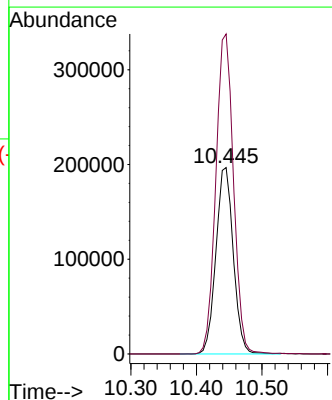
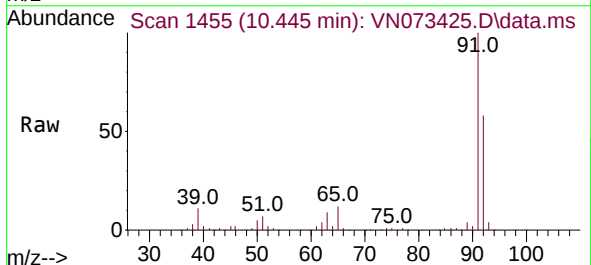
Acq: 11 Jul 2022 17:32

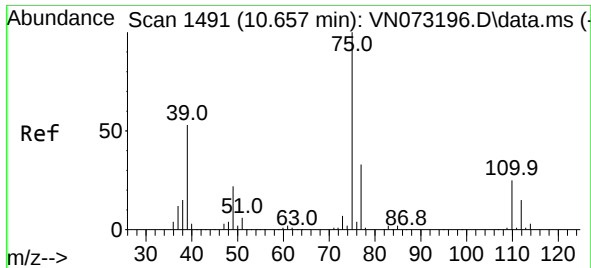
Tgt Ion: 92 Resp: 360996

Ion Ratio Lower Upper

92 100

91 174.7 138.6 207.8

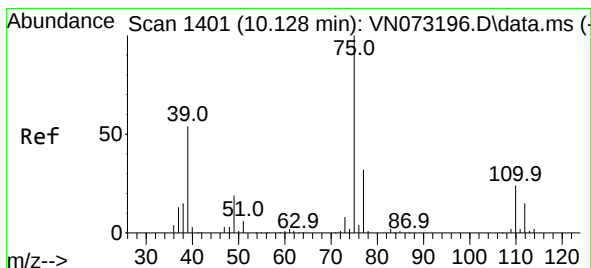
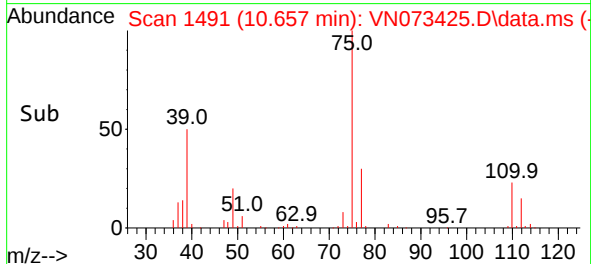
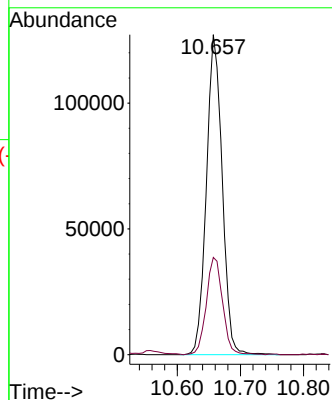
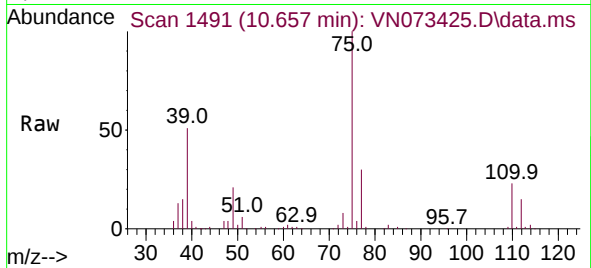




#53
t-1,3-Dichloropropene
Concen: 53.927 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

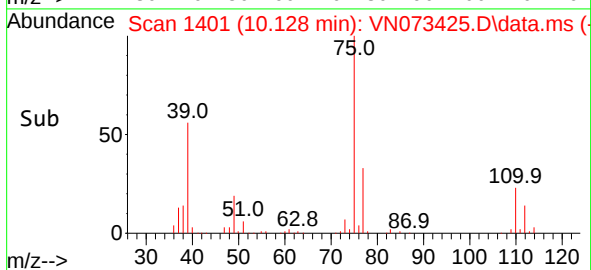
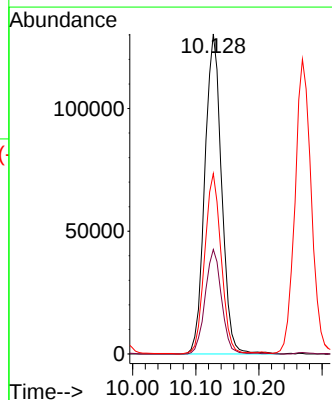
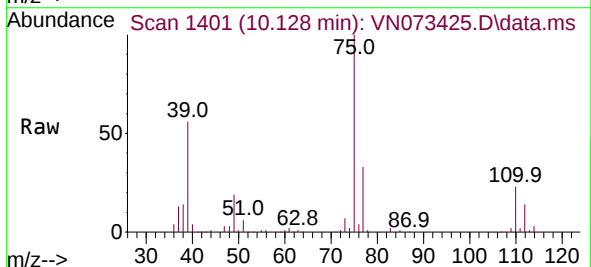
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

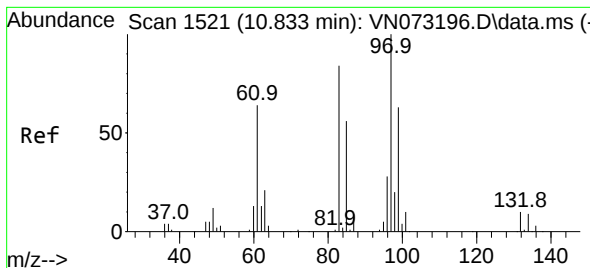
Tgt Ion: 75 Resp: 220671
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 54.616 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 75 Resp: 241279
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 56.3 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 55.012 ug/l

RT: 10.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 155213

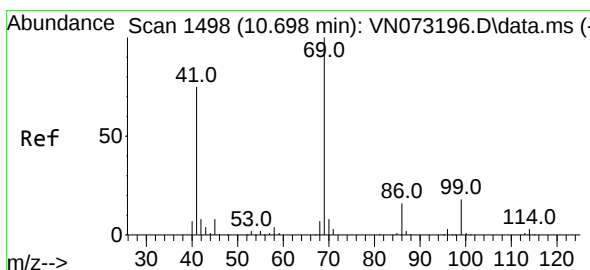
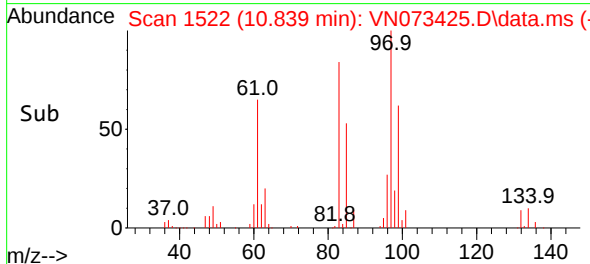
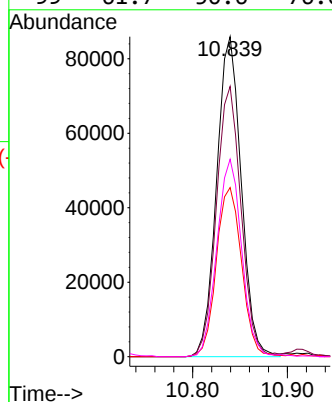
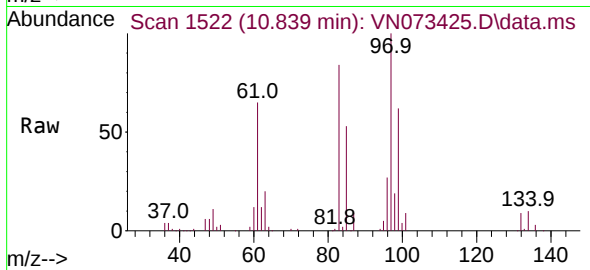
Ion Ratio Lower Upper

97 100

83 84.4 66.2 99.4

85 52.9 43.9 65.9

99 61.7 50.6 76.0



#56

Ethyl methacrylate

Concen: 55.386 ug/l

RT: 10.704 min Scan# 1499

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

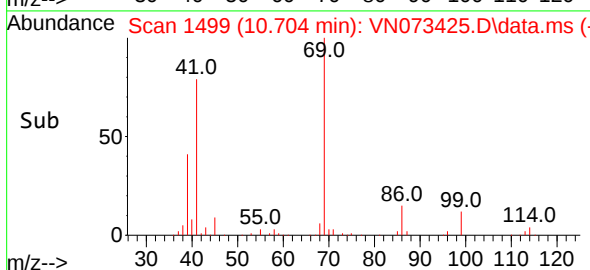
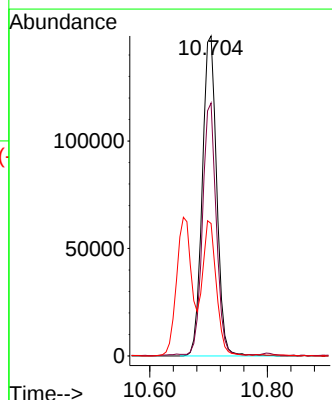
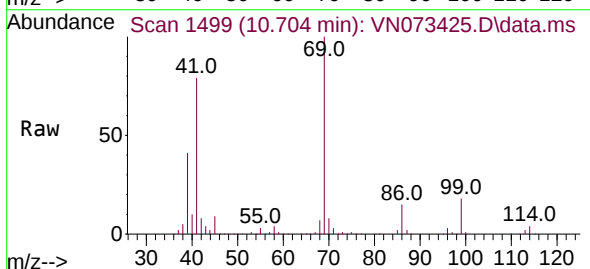
Tgt Ion: 69 Resp: 252580

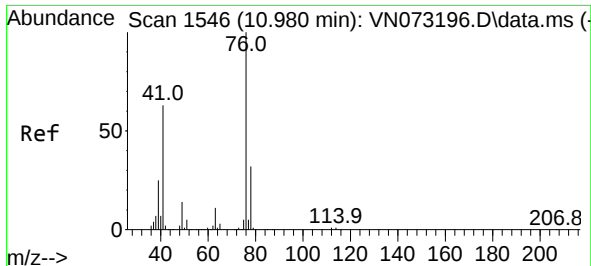
Ion Ratio Lower Upper

69 100

41 76.3 47.8 71.6#

39 40.0 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.060 ug/l

RT: 10.981 min Scan# 1546

Delta R.T. 0.001 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

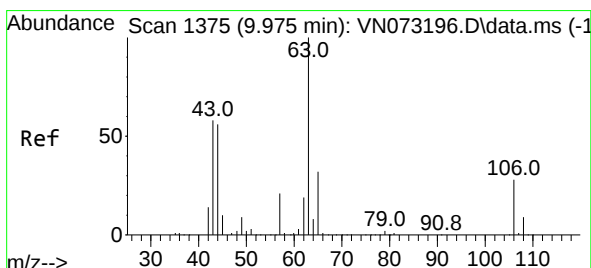
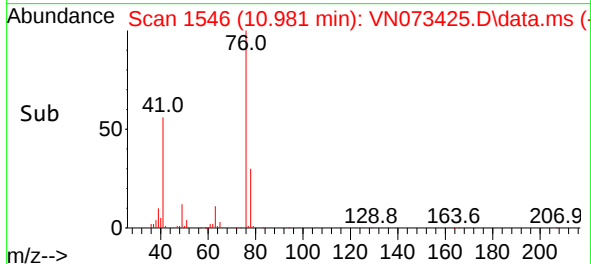
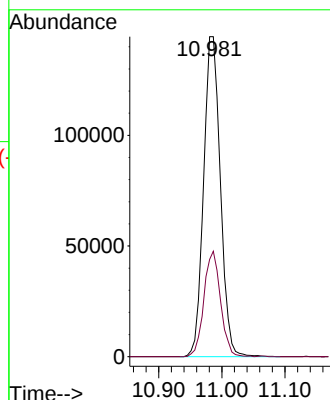
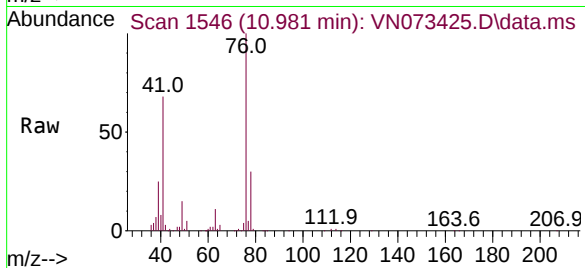
VSTDCCC050EC

Tgt Ion: 76 Resp: 266307

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 289.268 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073425.D

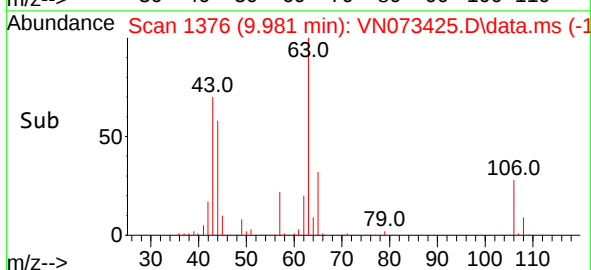
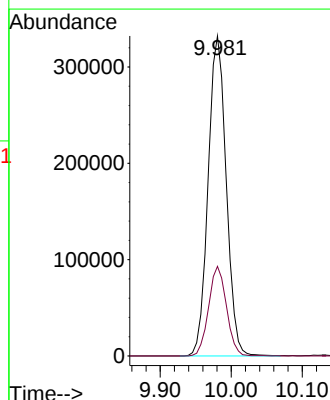
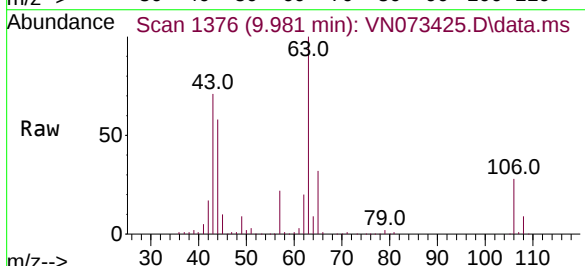
Acq: 11 Jul 2022 17:32

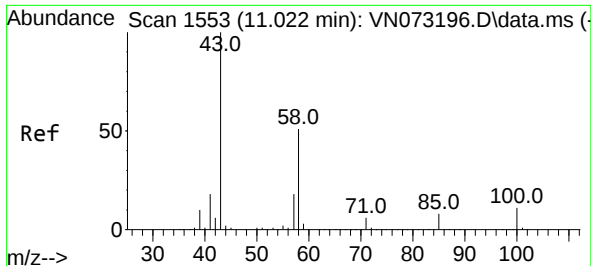
Tgt Ion: 63 Resp: 588320

Ion Ratio Lower Upper

63 100

106 27.6 24.6 36.8

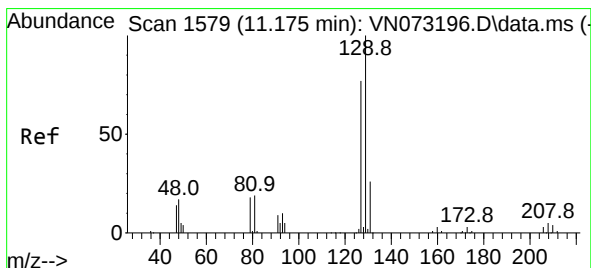
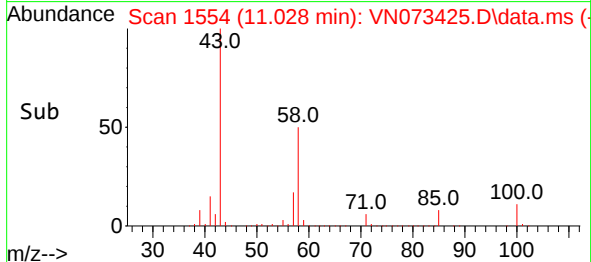
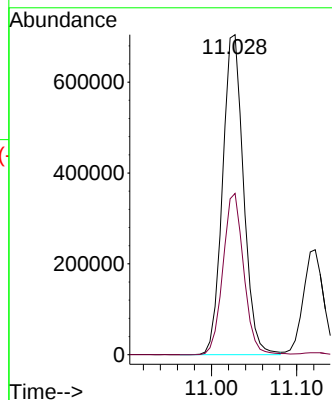
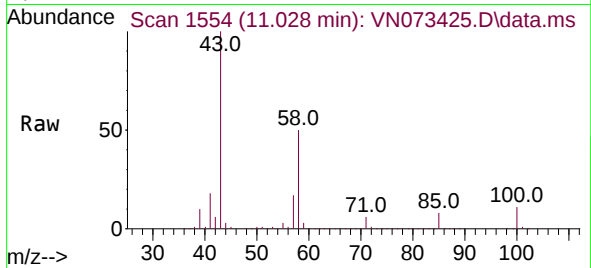




#59
2-Hexanone
Concen: 319.549 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

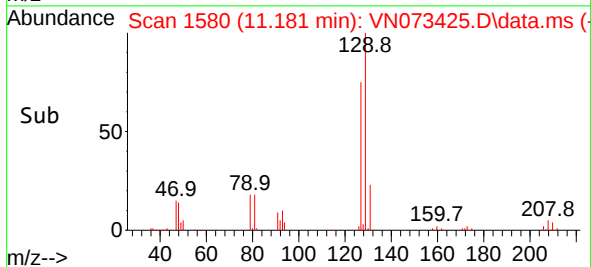
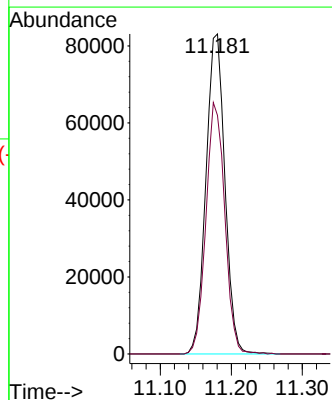
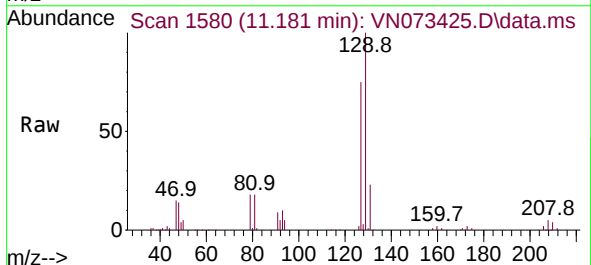
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1205339
Ion Ratio Lower Upper
43 100
58 49.9 29.7 89.1



#60
Dibromochloromethane
Concen: 57.275 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 129 Resp: 154072
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

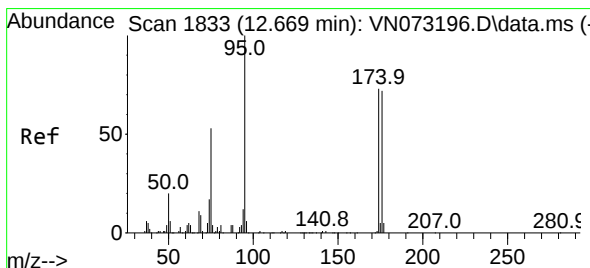
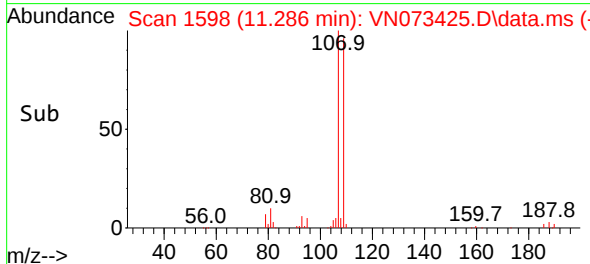
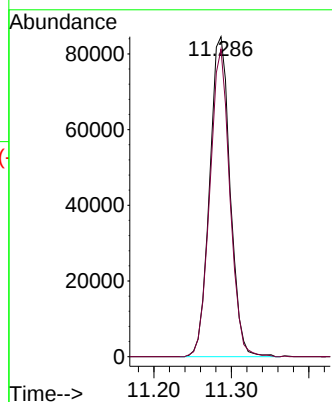
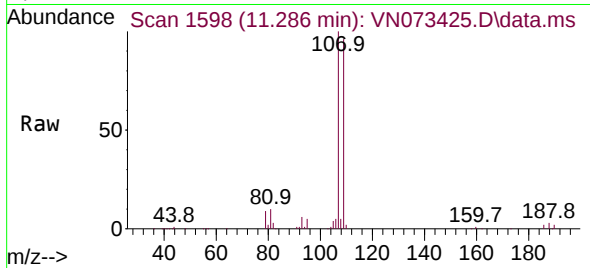




#61
1,2-Dibromoethane
Concen: 55.093 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

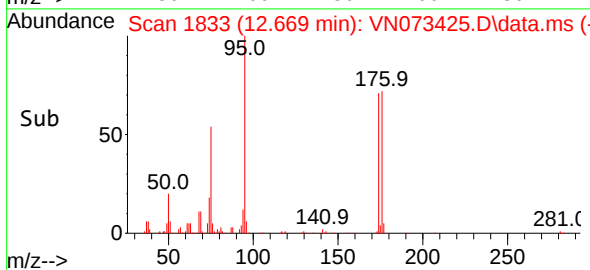
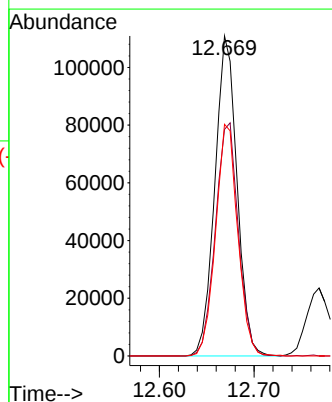
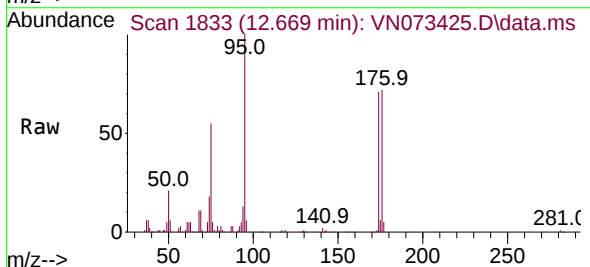
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 155261
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 56.575 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 95 Resp: 180331
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 72.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.681 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

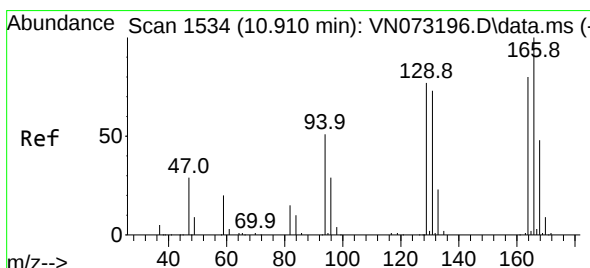
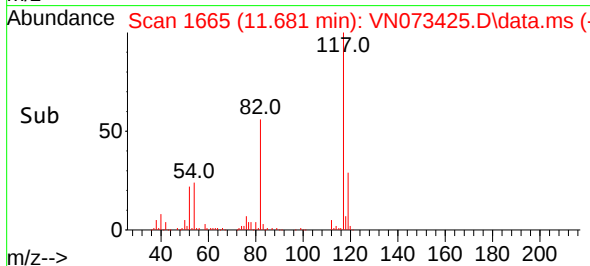
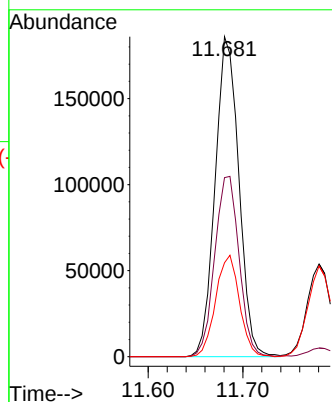
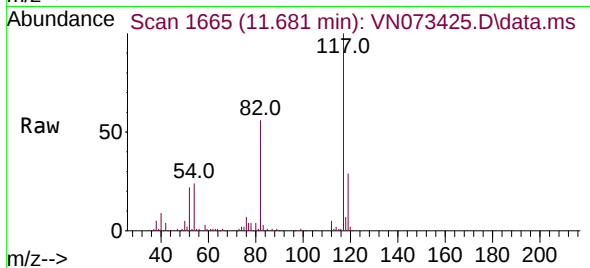
Tgt Ion:117 Resp: 324152

Ion Ratio Lower Upper

117 100

82 55.9 44.2 66.2

119 29.4 25.4 38.0



#64

Tetrachloroethene

Concen: 48.336 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Tgt Ion:164 Resp: 127943

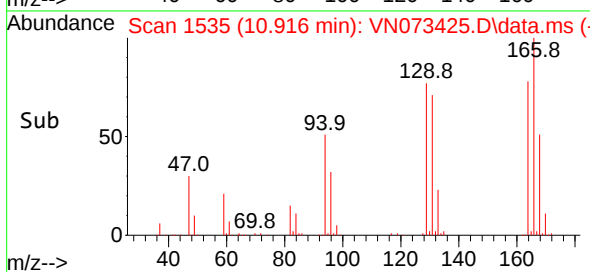
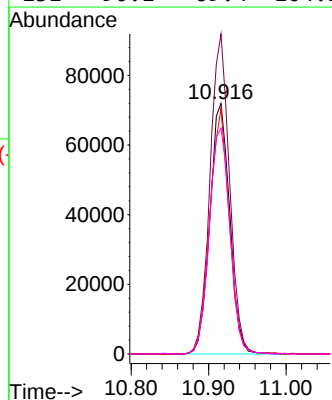
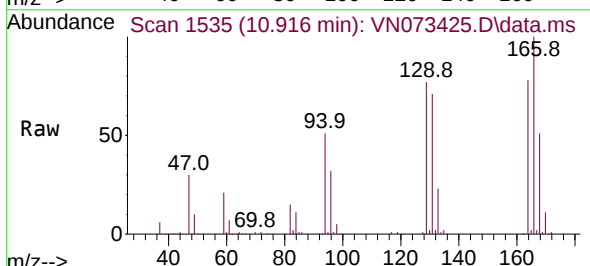
Ion Ratio Lower Upper

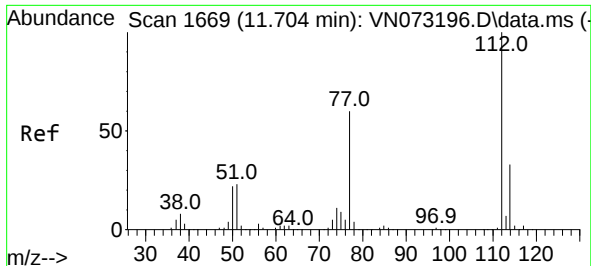
164 100

166 127.8 104.2 156.2

129 98.1 73.9 110.9

131 90.1 69.4 104.2

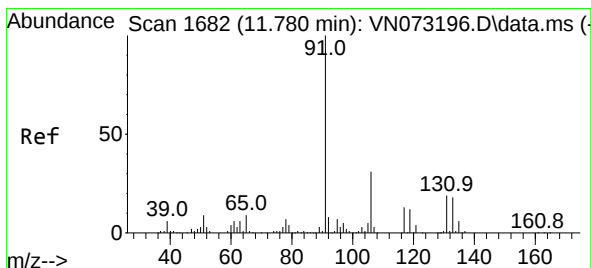
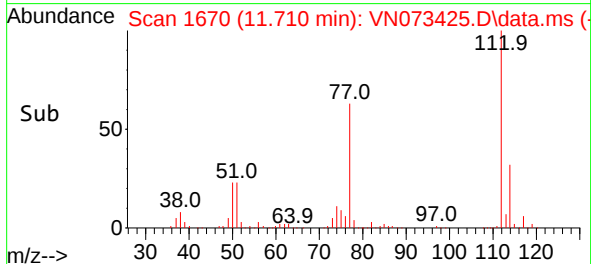
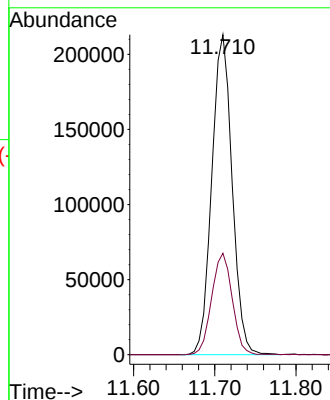
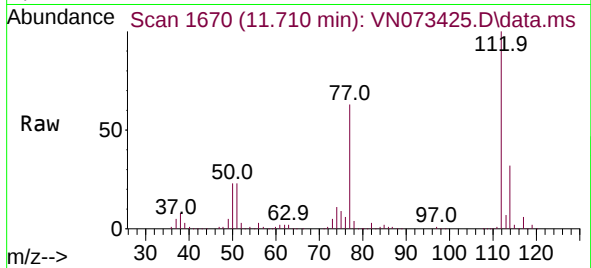




#65
Chlorobenzene
Concen: 50.568 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

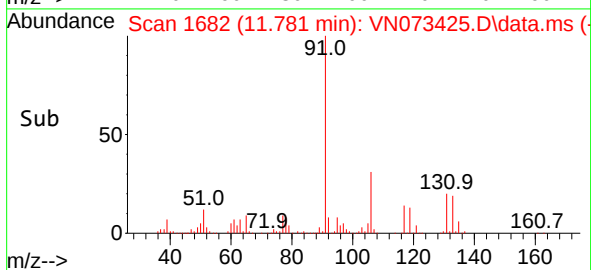
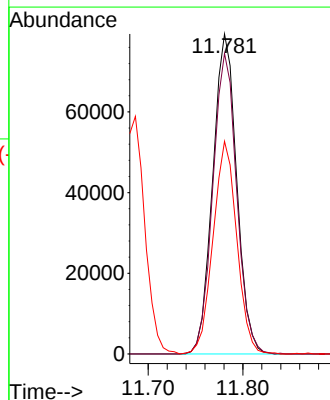
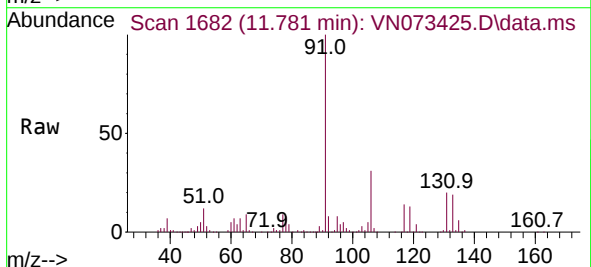
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 370720
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.501 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion:131 Resp: 138874
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 66.0 33.4 100.2

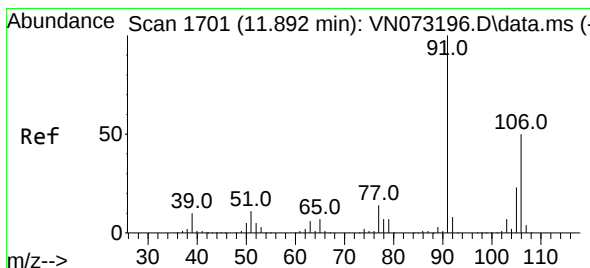
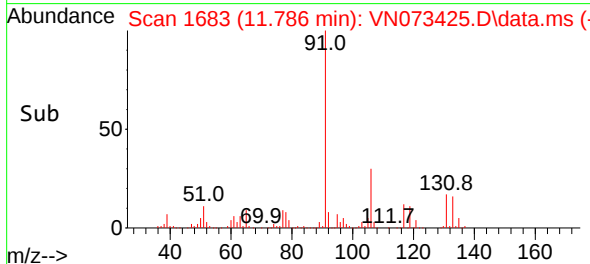
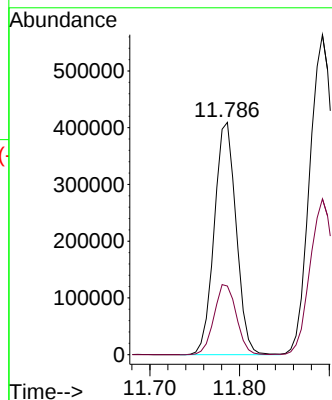
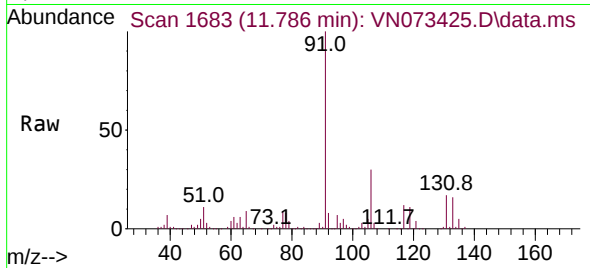




#67
Ethyl Benzene
Concen: 52.142 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

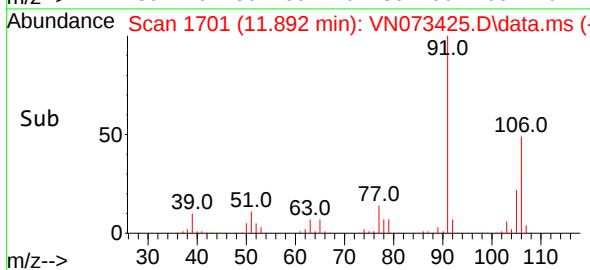
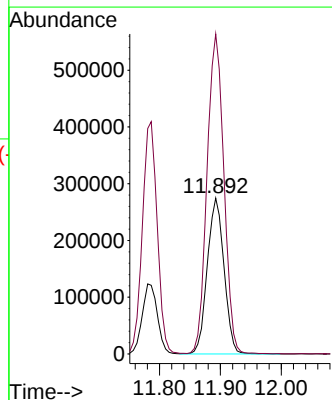
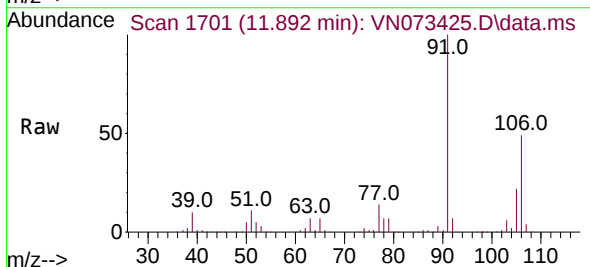
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

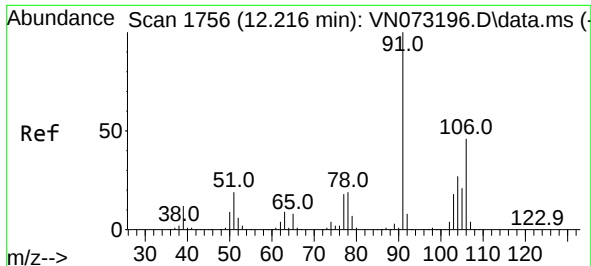
Tgt Ion: 91 Resp: 693974
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3



#68
m/p-Xylenes
Concen: 104.359 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion:106 Resp: 524194
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3





#69

o-Xylene

Concen: 50.683 ug/l

RT: 12.222 min Scan# 1756

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

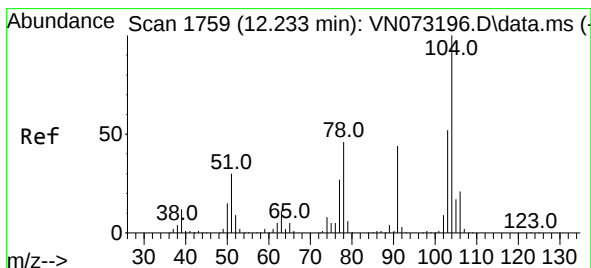
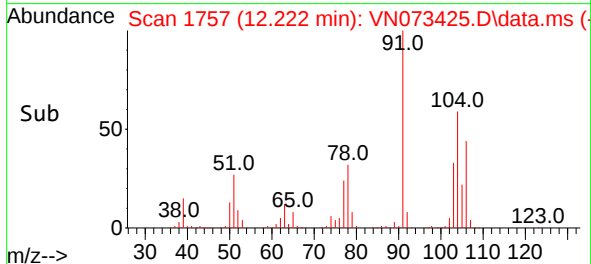
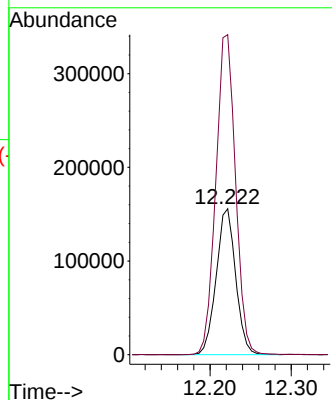
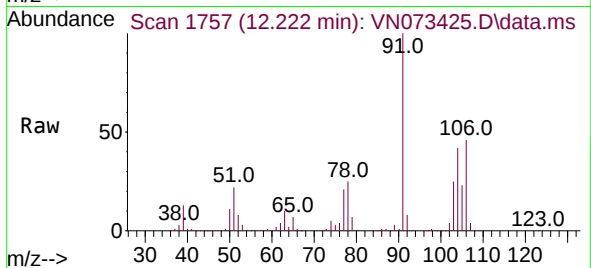
VSTDCCC050EC

Tgt Ion:106 Resp: 259888

Ion Ratio Lower Upper

106 100

91 222.0 106.0 318.0



#70

Styrene

Concen: 55.511 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

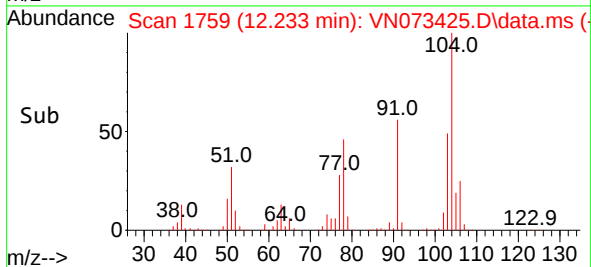
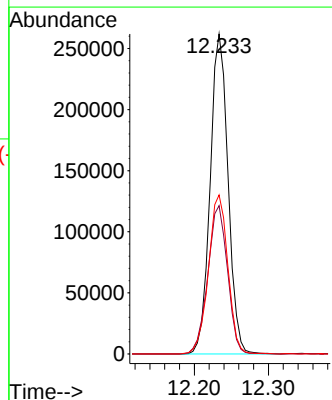
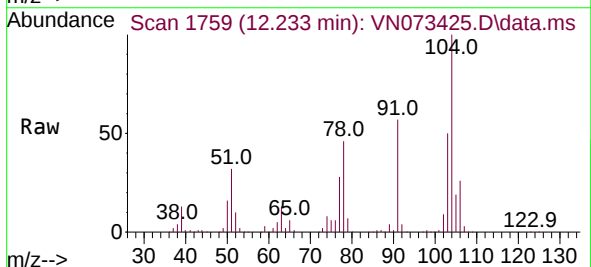
Tgt Ion:104 Resp: 439472

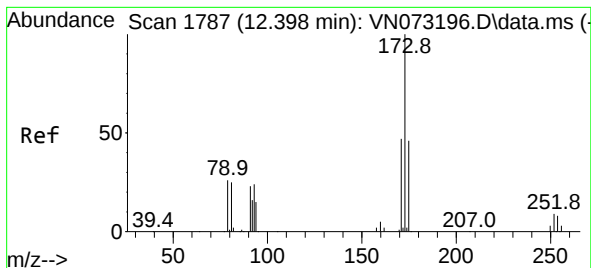
Ion Ratio Lower Upper

104 100

78 51.0 39.5 59.3

103 54.0 44.0 66.0





#71

Bromoform

Concen: 57.610 ug/l

RT: 12.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

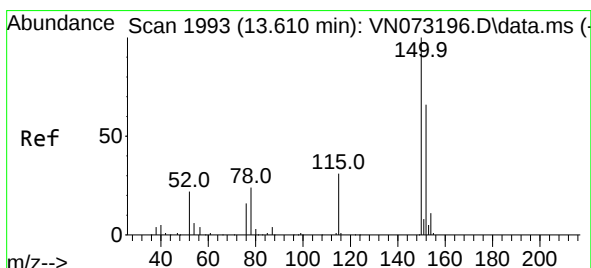
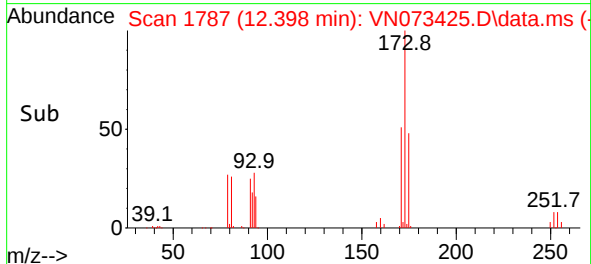
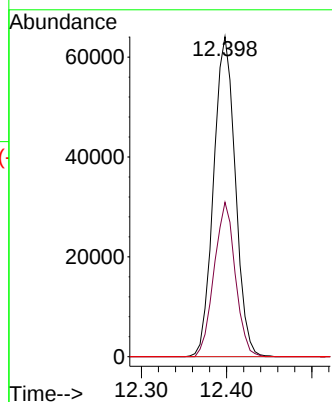
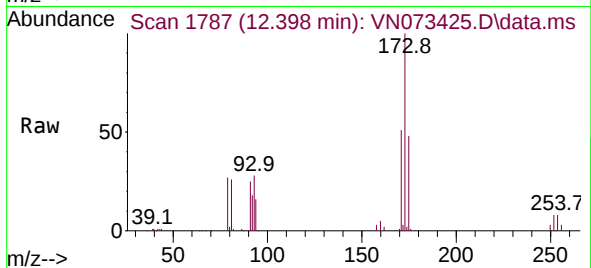
Tgt Ion:173 Resp: 113671

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

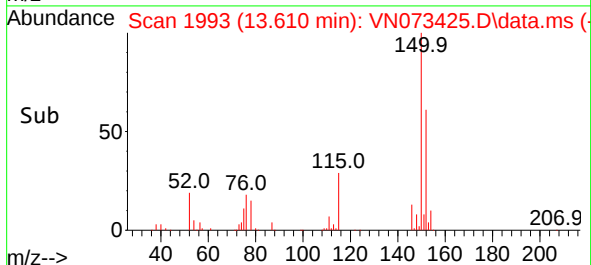
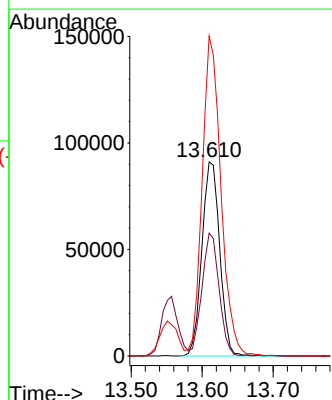
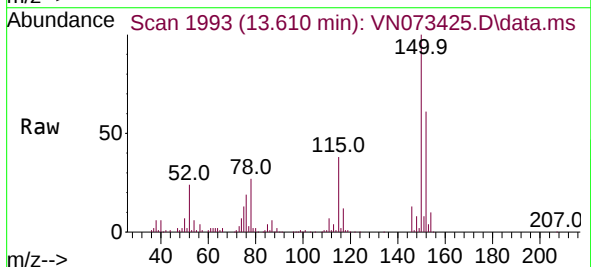
Tgt Ion:152 Resp: 159394

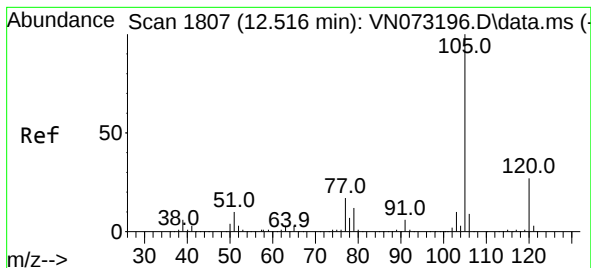
Ion Ratio Lower Upper

152 100

115 61.0 28.9 86.7

150 173.5 0.0 356.2





#73

Isopropylbenzene

Concen: 49.930 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

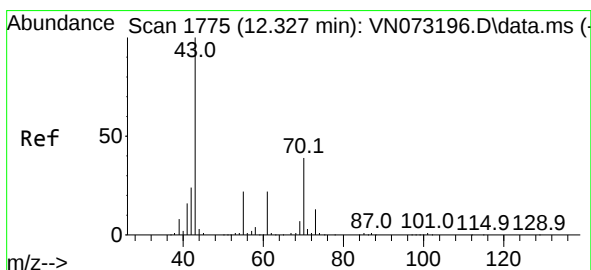
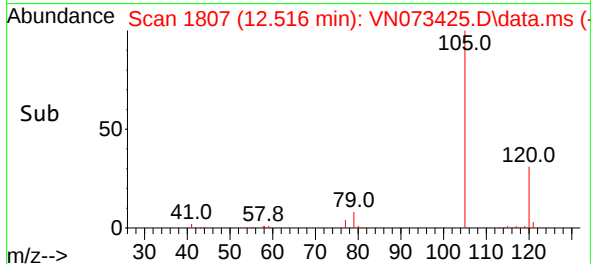
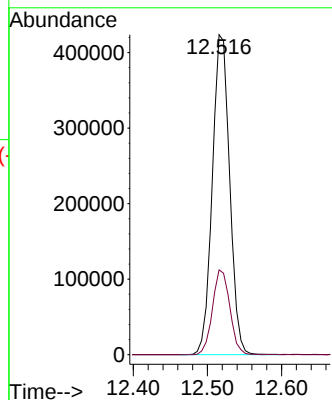
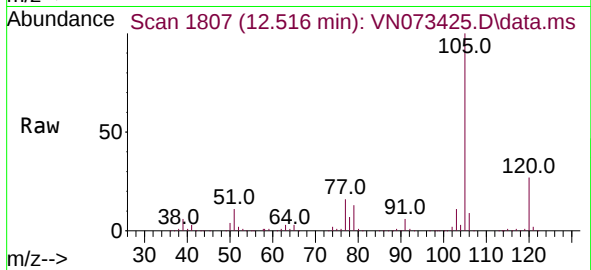
VSTDCCC050EC

Tgt Ion:105 Resp: 687254

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 50.201 ug/l

RT: 12.328 min Scan# 1775

Delta R.T. 0.001 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Tgt Ion: 43 Resp: 345992

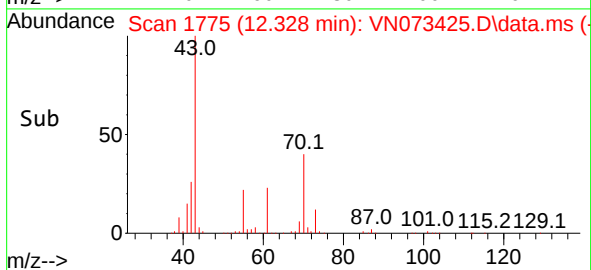
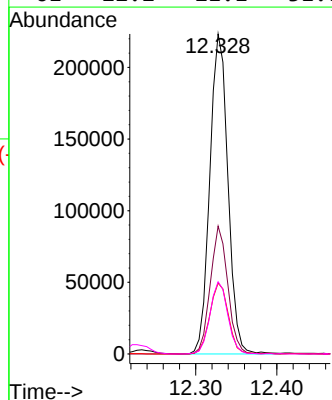
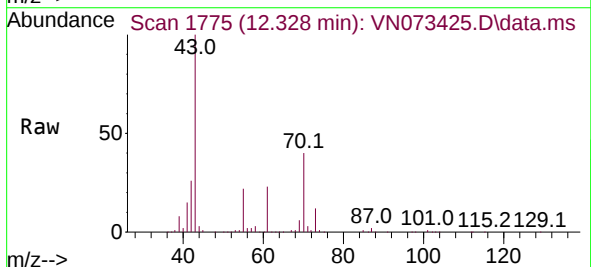
Ion Ratio Lower Upper

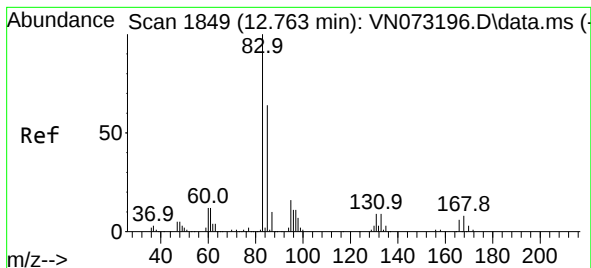
43 100

70 38.5 39.0 58.4#

55 22.8 21.1 31.7

61 22.2 21.1 31.7

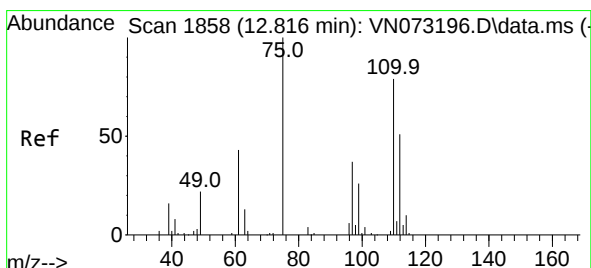
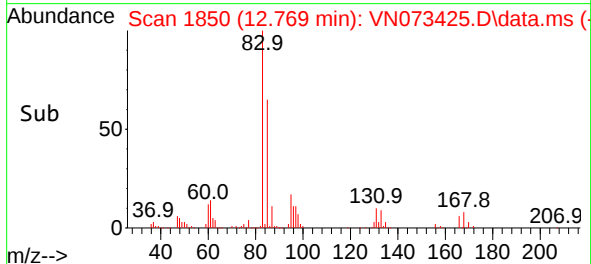
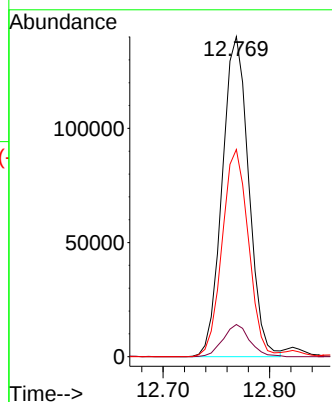
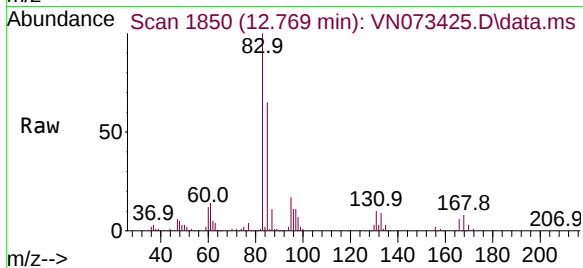




#75
1,1,2,2-Tetrachloroethane
Concen: 52.922 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

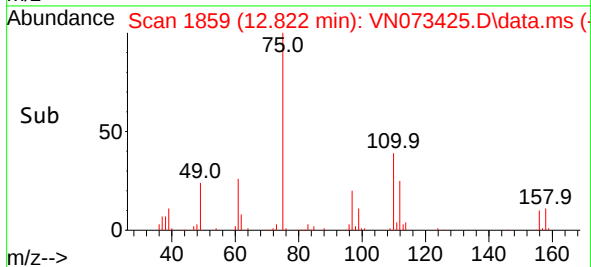
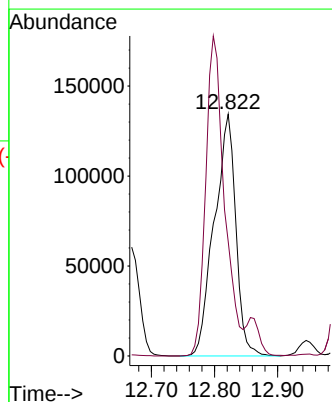
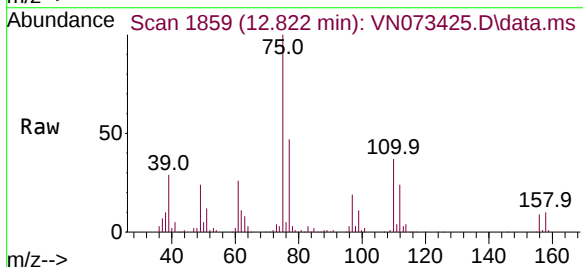
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

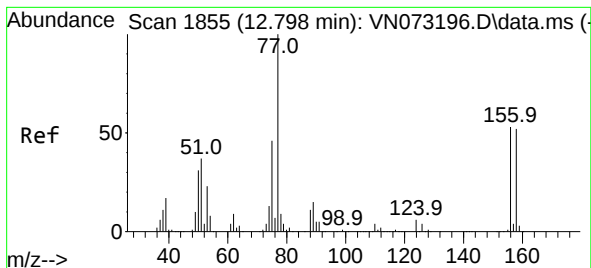
Tgt Ion: 83 Resp: 241723
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.1 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 76.361 ug/l
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 75 Resp: 318261
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 49.660 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

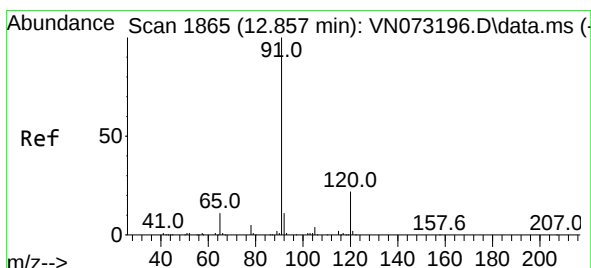
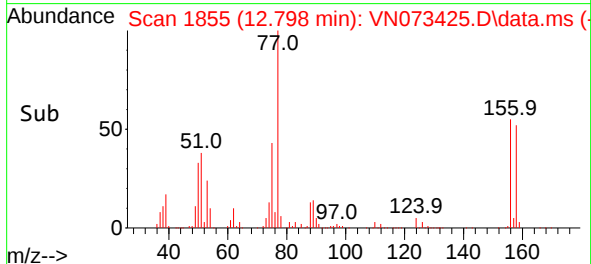
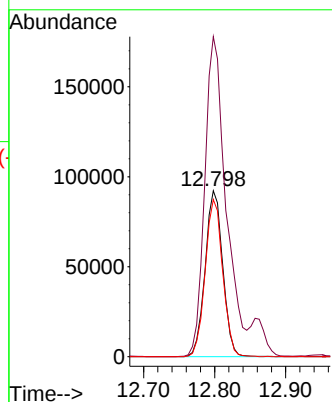
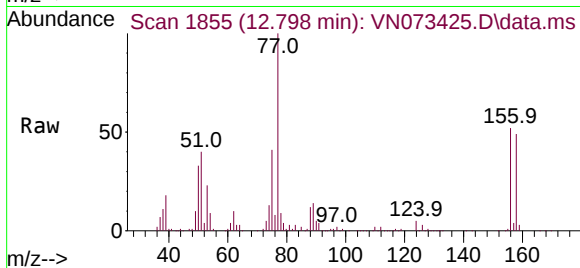
Tgt Ion:156 Resp: 158921

Ion Ratio Lower Upper

156 100

77 231.8 100.5 301.5

158 94.3 48.9 146.6



#78

n-propylbenzene

Concen: 51.499 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073425.D

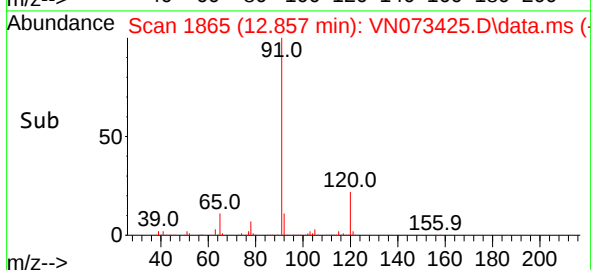
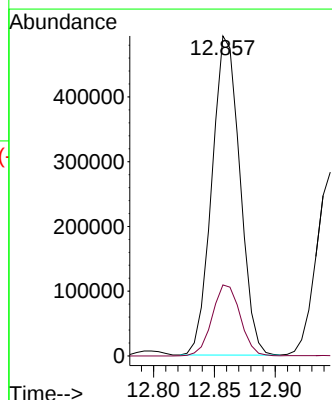
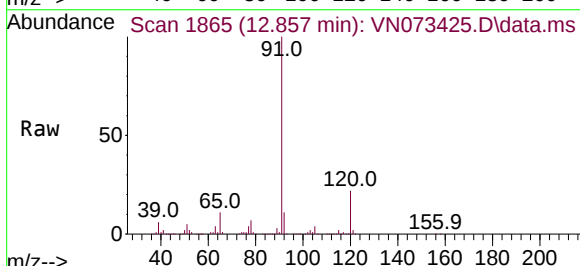
Acq: 11 Jul 2022 17:32

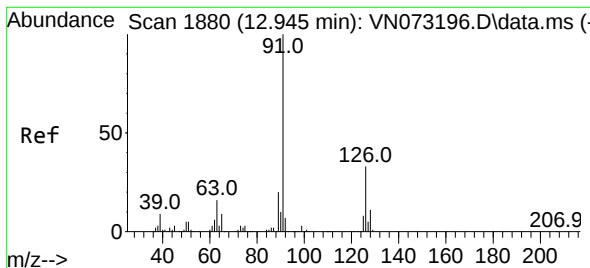
Tgt Ion: 91 Resp: 787478

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.165 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

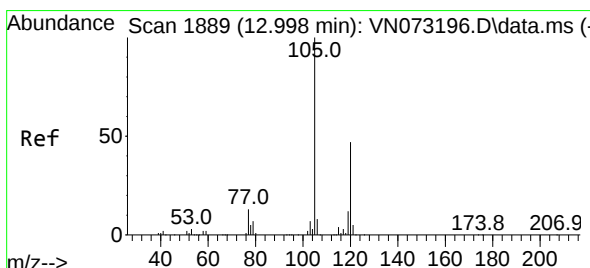
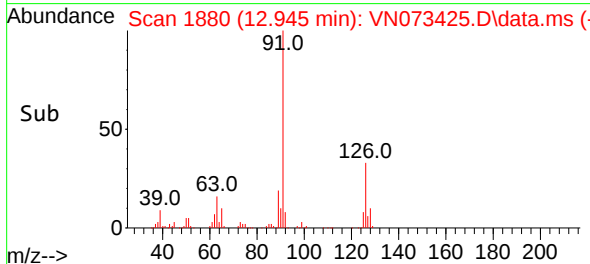
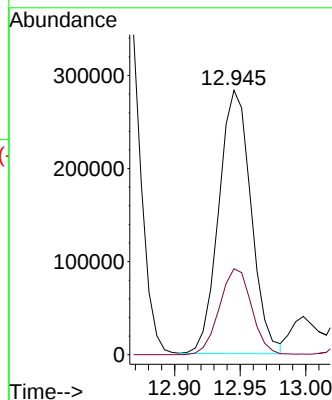
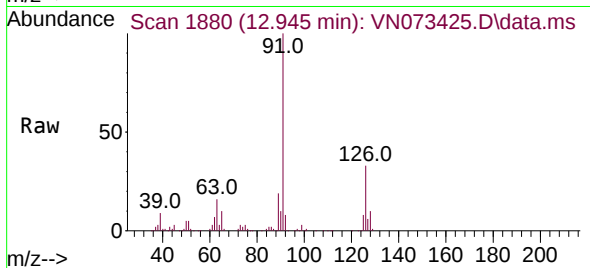
VSTDCCC050EC

Tgt Ion: 91 Resp: 485490

Ion Ratio Lower Upper

91 100

126 32.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 51.183 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073425.D

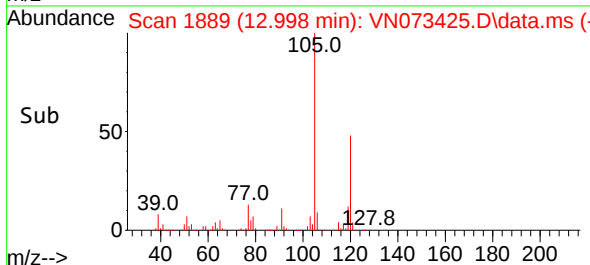
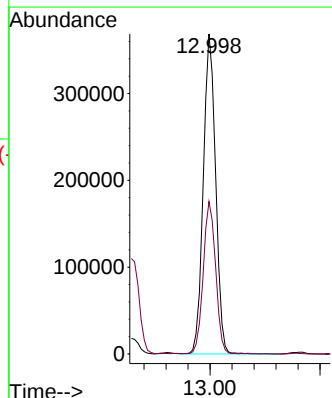
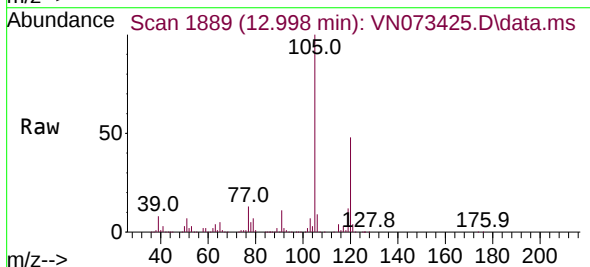
Acq: 11 Jul 2022 17:32

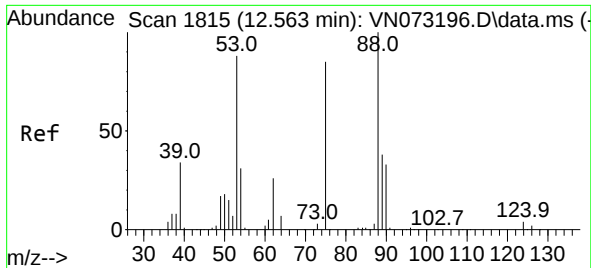
Tgt Ion:105 Resp: 574223

Ion Ratio Lower Upper

105 100

120 47.9 24.9 74.7

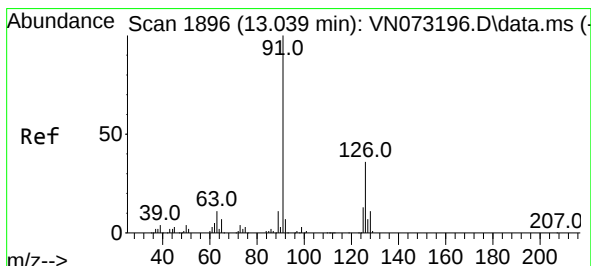
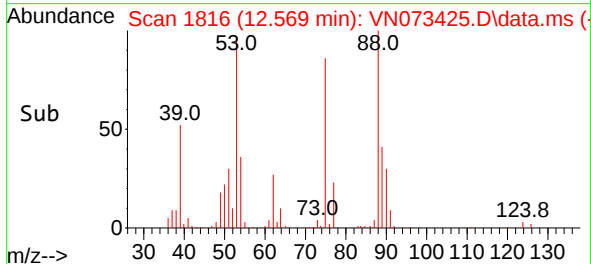
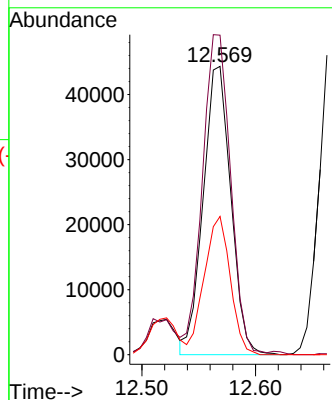
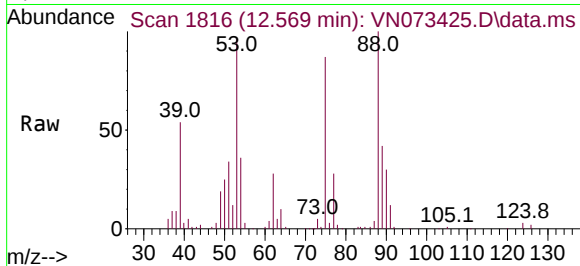




#81
trans-1,4-Dichloro-2-butene
Concen: 49.247 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

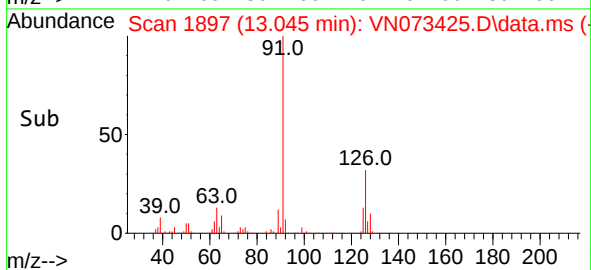
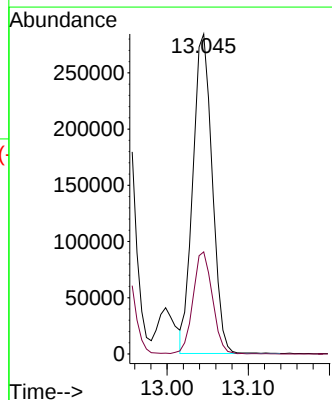
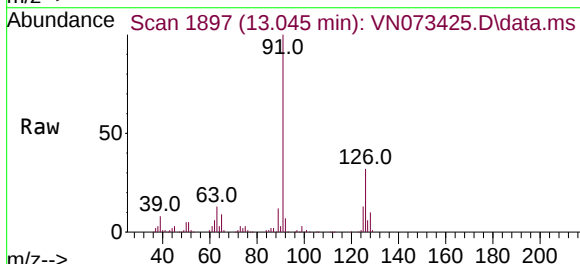
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

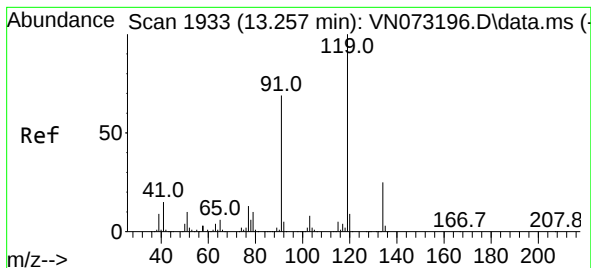
Tgt Ion: 75 Resp: 74843
Ion Ratio Lower Upper
75 100
53 113.8 78.0 117.0
89 45.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 50.168 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 91 Resp: 470042
Ion Ratio Lower Upper
91 100
126 31.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.287 ug/l

RT: 13.263 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

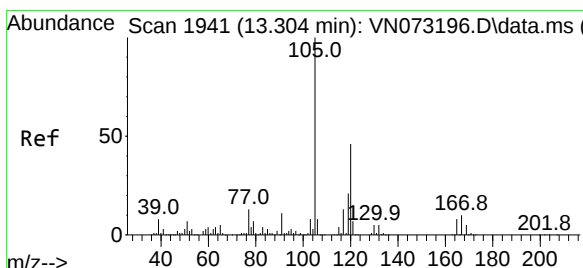
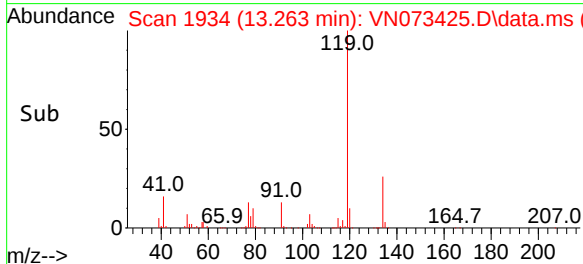
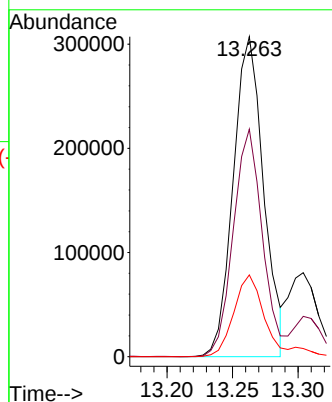
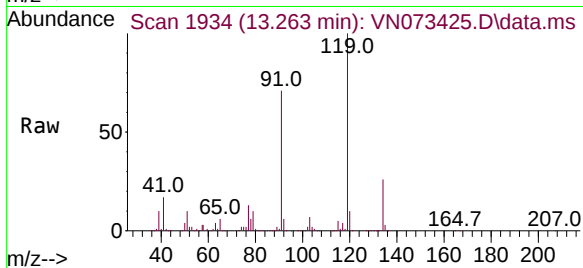
Tgt Ion:119 Resp: 495732

Ion Ratio Lower Upper

119 100

91 69.2 31.6 94.8

134 25.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 50.642 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073425.D

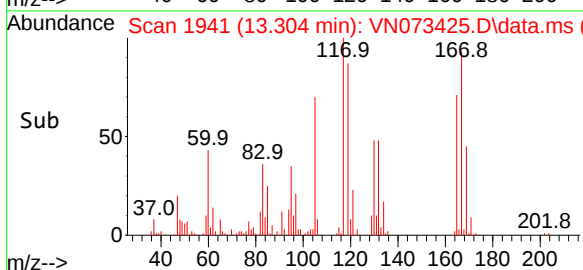
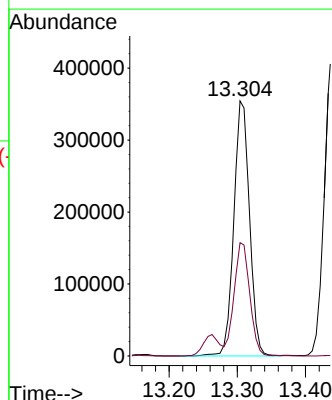
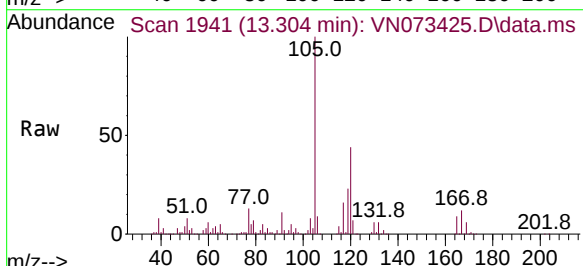
Acq: 11 Jul 2022 17:32

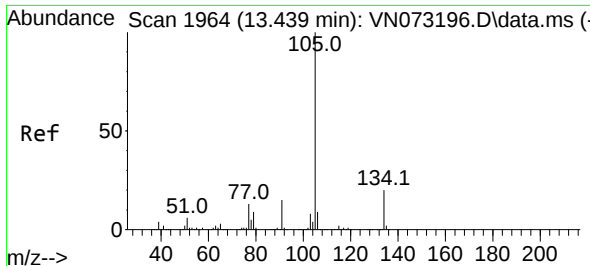
Tgt Ion:105 Resp: 567241

Ion Ratio Lower Upper

105 100

120 44.1 23.3 69.8

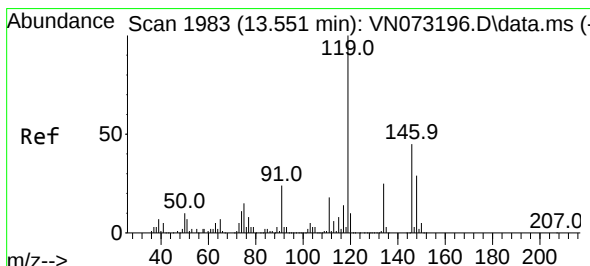
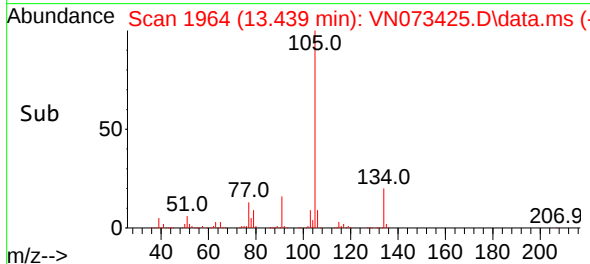
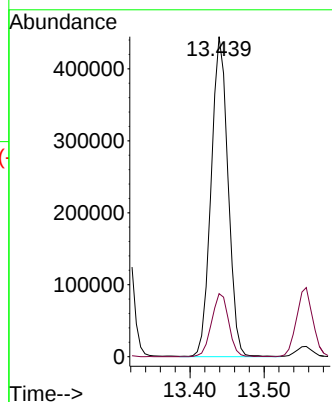
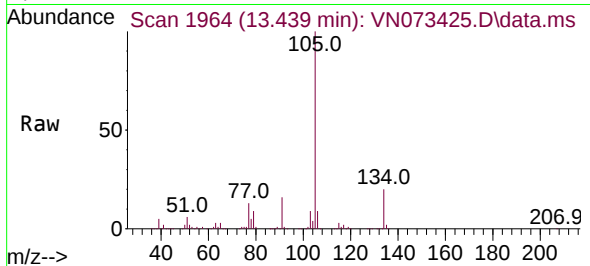




#85
 sec-Butylbenzene
 Concen: 52.169 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073425.D
 Acq: 11 Jul 2022 17:32

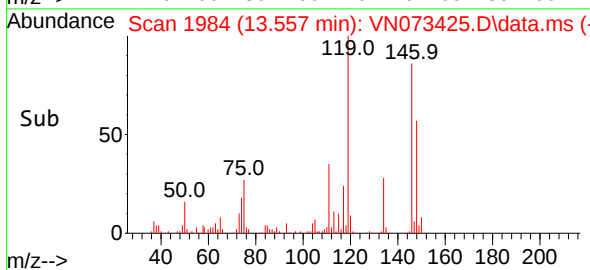
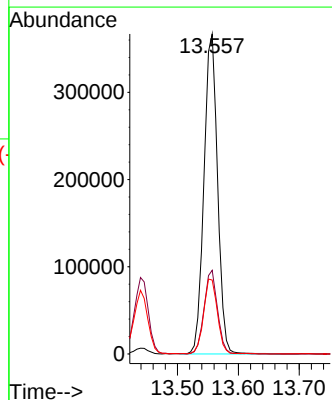
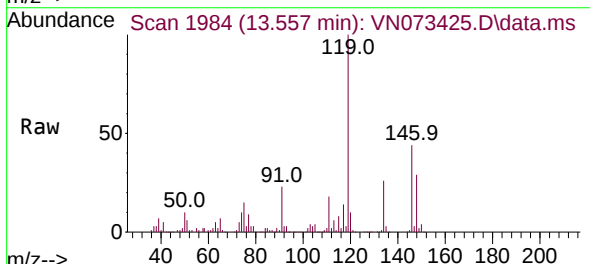
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

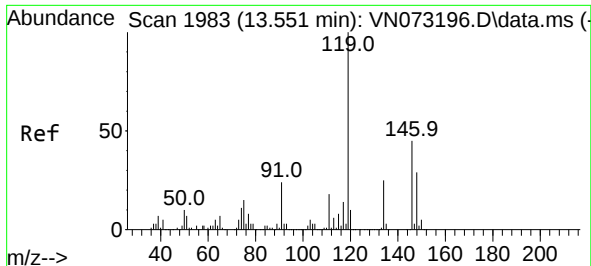
Tgt Ion:105 Resp: 704595
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.261 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073425.D
 Acq: 11 Jul 2022 17:32

Tgt Ion:119 Resp: 570182
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 24.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.974 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

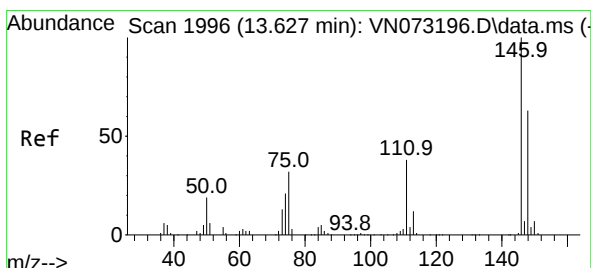
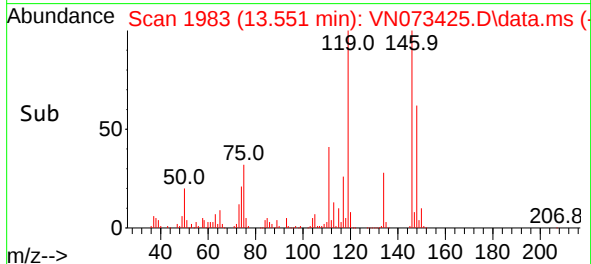
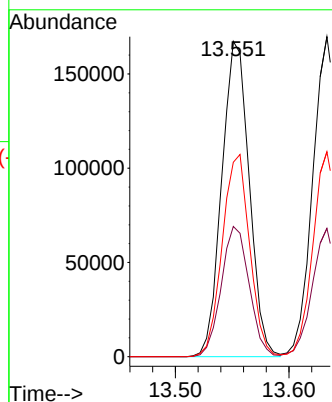
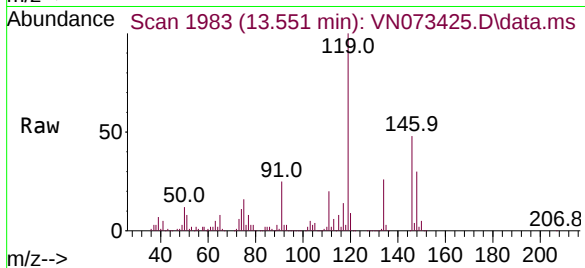
Tgt Ion:146 Resp: 281168

Ion Ratio Lower Upper

146 100

111 41.9 20.0 60.0

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.670 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

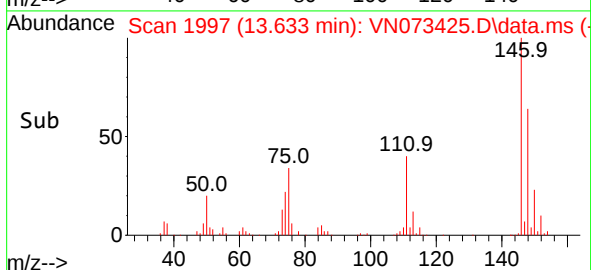
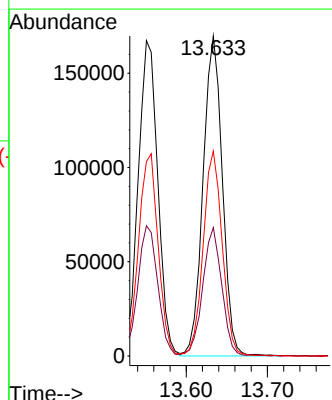
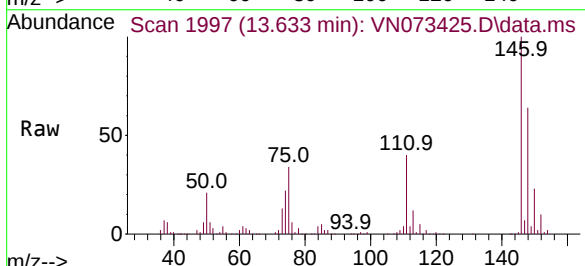
Tgt Ion:146 Resp: 279961

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

148 63.1 31.4 94.3

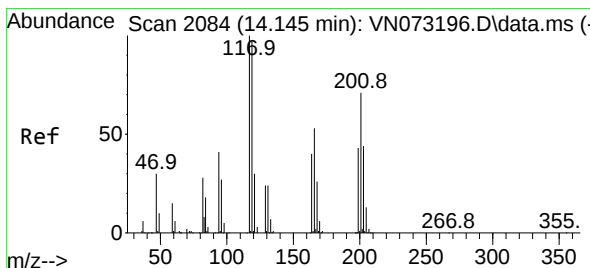
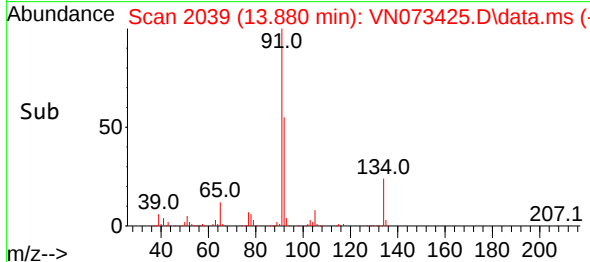
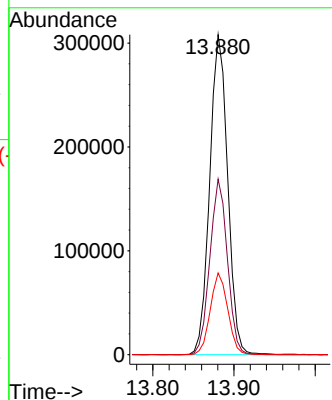
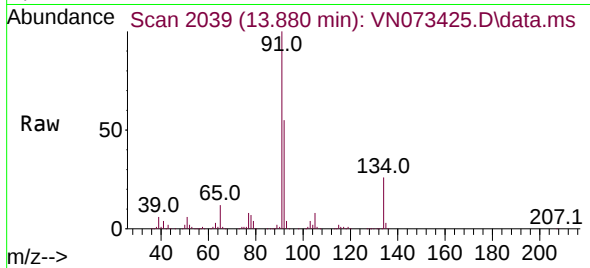




#89
n-Butylbenzene
Concen: 52.017 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

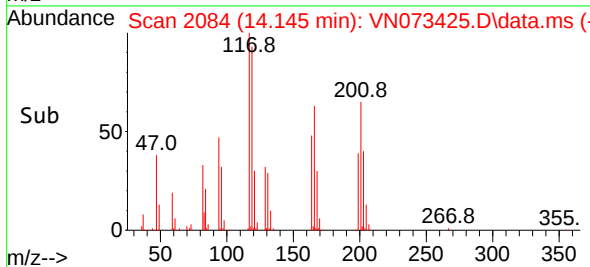
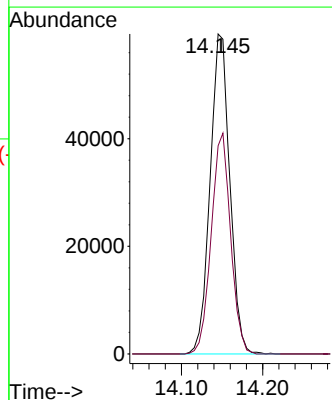
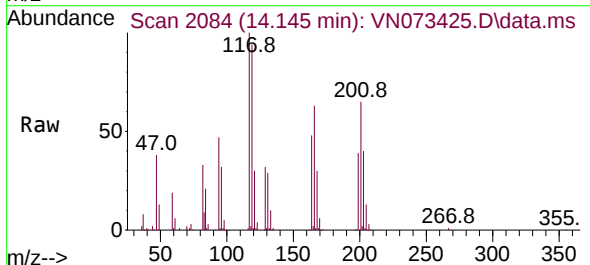
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

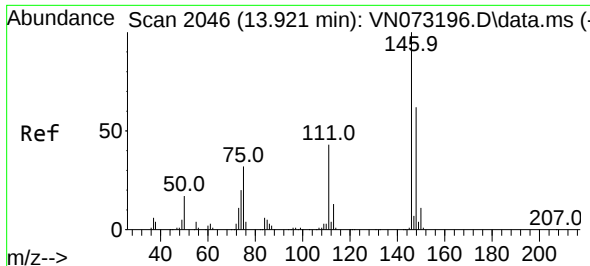
Tgt Ion: 91 Resp: 472904
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 24.9 13.6 40.8



#90
Hexachloroethane
Concen: 49.232 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 117 Resp: 100101
Ion Ratio Lower Upper
117 100
201 67.9 40.6 122.0

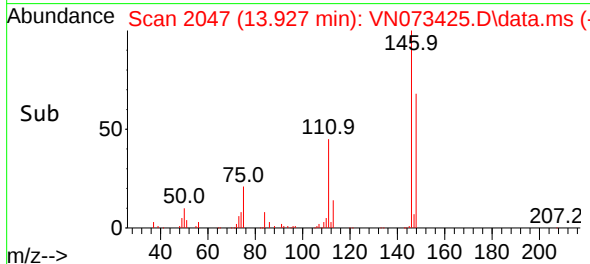
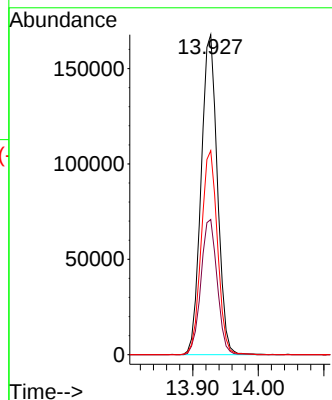
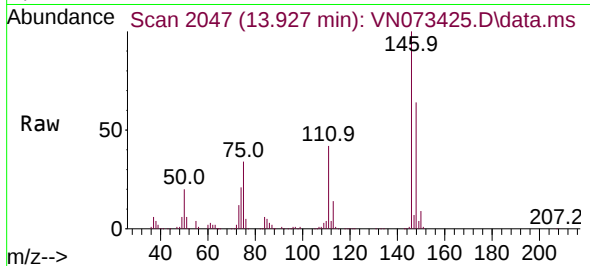




#91
1,2-Dichlorobenzene
Concen: 49.504 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

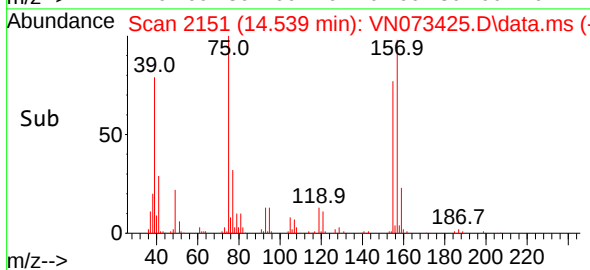
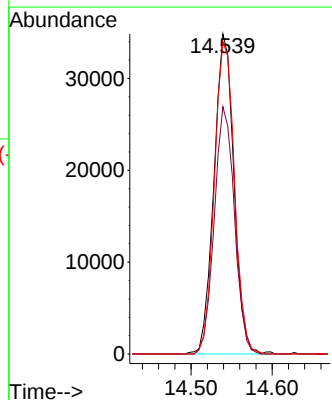
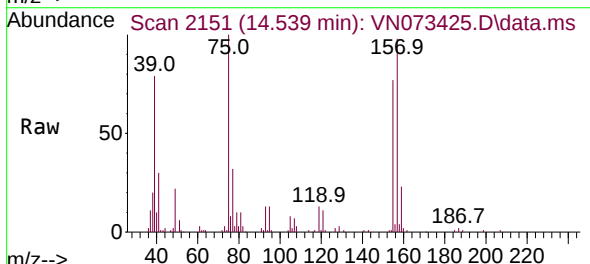
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 289516
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.533 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion: 75 Resp: 59430
Ion Ratio Lower Upper
75 100
155 78.0 44.9 134.5
157 98.2 59.0 176.8

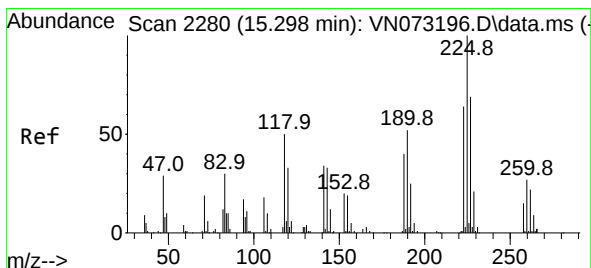
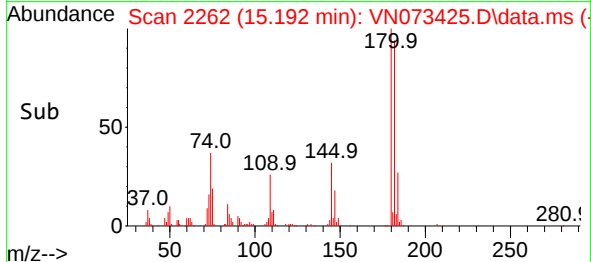
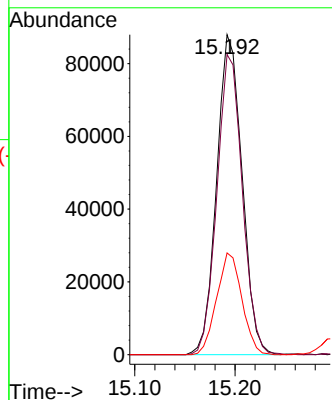
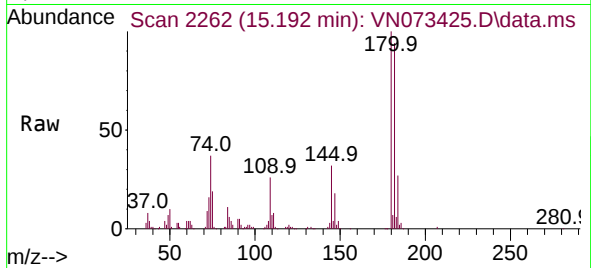




#93
1,2,4-Trichlorobenzene
Concen: 50.808 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

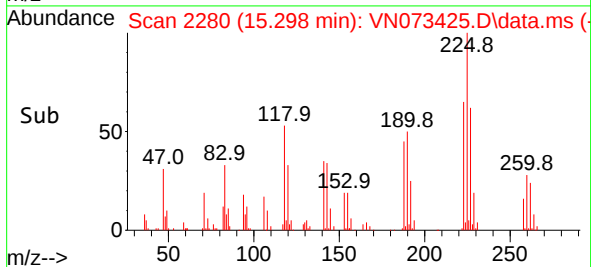
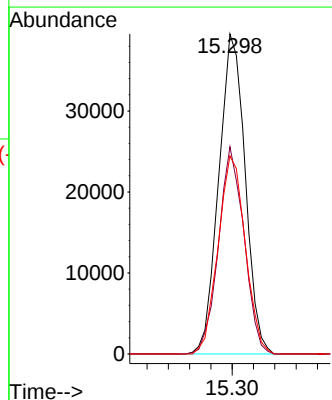
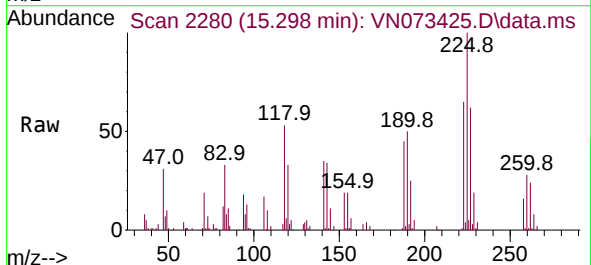
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

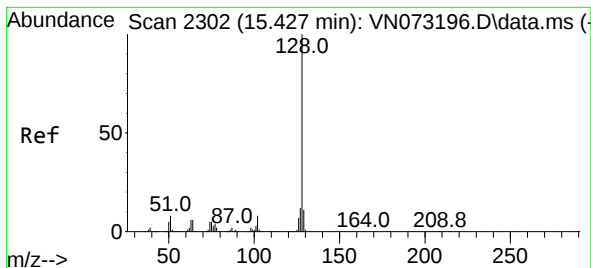
Tgt Ion:180 Resp: 154718
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 31.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 50.072 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073425.D
Acq: 11 Jul 2022 17:32

Tgt Ion:225 Resp: 67782
Ion Ratio Lower Upper
225 100
223 62.5 32.4 97.2
227 63.6 31.8 95.4





#95

Naphthalene

Concen: 48.203 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

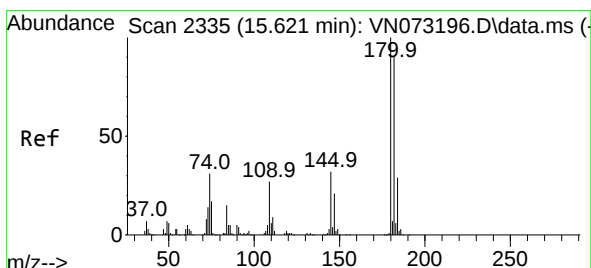
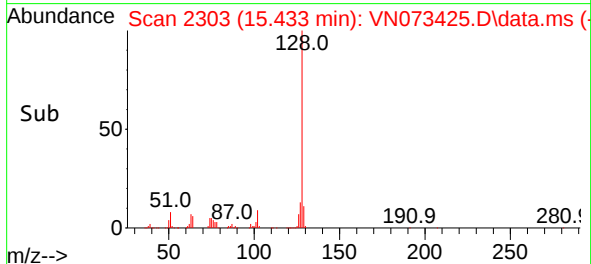
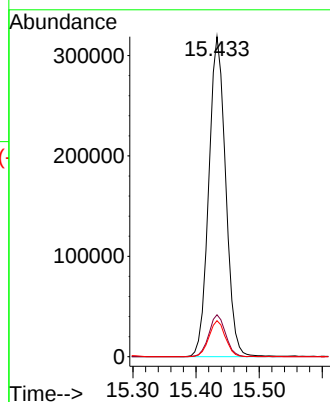
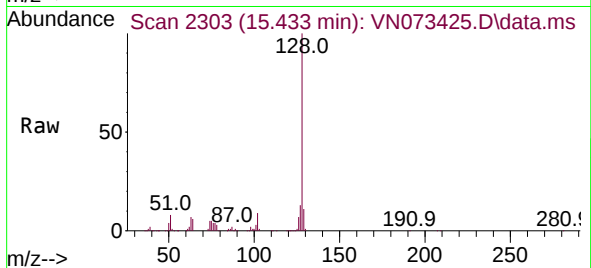
Tgt Ion:128 Resp: 592157

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.398 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073425.D

Acq: 11 Jul 2022 17:32

Tgt Ion:180 Resp: 158314

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.3

145 33.9 15.5 46.5

