

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084215.D
 Acq On : 30 Sep 2024 13:13
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 01 06:48:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	54409	20.606	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	41.220%#
35) Dibromofluoromethane	8.171	113	41903	20.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	41.360%#
50) Toluene-d8	10.565	98	152668	20.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.960%#
62) 4-Bromofluorobenzene	12.847	95	55201	20.329	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.660%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42709	20.275	ug/l	94
3) Chloromethane	2.359	50	48218	20.047	ug/l	99
4) Vinyl Chloride	2.518	62	47375	20.334	ug/l	96
5) Bromomethane	2.942	94	30751	20.010	ug/l	97
6) Chloroethane	3.118	64	30650	18.369	ug/l	96
7) Trichlorofluoromethane	3.495	101	74579	20.557	ug/l	95
8) Diethyl Ether	3.959	74	29090	21.619	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	42958	20.665	ug/l	99
10) Methyl Iodide	4.589	142	54769	20.458	ug/l	97
11) Tert butyl alcohol	5.518	59	45501	104.506	ug/l	98
12) 1,1-Dichloroethene	4.336	96	42450	21.171	ug/l	95
13) Acrolein	4.183	56	48261	96.553	ug/l	98
14) Allyl chloride	5.024	41	77338	22.208	ug/l	92
15) Acrylonitrile	5.718	53	115451	105.004	ug/l	99
16) Acetone	4.430	43	119948	105.747	ug/l	98
17) Carbon Disulfide	4.706	76	124366	19.590	ug/l	99
18) Methyl Acetate	5.030	43	49436	19.996	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	144972	21.421	ug/l	100
20) Methylene Chloride	5.271	84	47091	20.423	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	44064	20.976	ug/l	92
22) Diisopropyl ether	6.671	45	154575	21.460	ug/l	98
23) Vinyl Acetate	6.600	43	589404	109.739	ug/l	99
24) 1,1-Dichloroethane	6.565	63	82821	20.561	ug/l	98
25) 2-Butanone	7.482	43	165762	107.295	ug/l	100
26) 2,2-Dichloropropane	7.494	77	76824	21.152	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	52758	20.783	ug/l	99
28) Bromochloromethane	7.812	49	34591	19.246	ug/l	99
29) Tetrahydrofuran	7.835	42	100146	105.041	ug/l	99
30) Chloroform	7.965	83	85848	20.517	ug/l	99
31) Cyclohexane	8.253	56	77216	19.743	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	77552	20.637	ug/l	97
36) 1,1-Dichloropropene	8.371	75	61556	20.918	ug/l	99
37) Ethyl Acetate	7.559	43	61023	20.213	ug/l	99
38) Carbon Tetrachloride	8.359	117	67913	21.039	ug/l	95
39) Methylcyclohexane	9.600	83	70956	21.665	ug/l	99
40) Benzene	8.606	78	191581	20.896	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34943	21.320	ug/l	99
42) 1,2-Dichloroethane	8.671	62	64453	20.736	ug/l	99
43) Isopropyl Acetate	8.688	43	114278	19.334	ug/l	99
44) Trichloroethene	9.347	130	44412	20.740	ug/l	98
45) 1,2-Dichloropropane	9.618	63	46651	21.509	ug/l	100
46) Dibromomethane	9.706	93	31672	21.639	ug/l	97
47) Bromodichloromethane	9.888	83	68343	21.017	ug/l	96
48) Methyl methacrylate	9.682	41	50498	21.453	ug/l	98
49) 1,4-Dioxane	9.700	88	18411	424.848	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	313636	109.132	ug/l	99
52) Toluene	10.629	92	118412	21.179	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	70403	21.240	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	74778	20.973	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	42631	21.270	ug/l	98
56) Ethyl methacrylate	10.871	69	72159	21.880	ug/l	99
57) 1,3-Dichloropropane	11.159	76	75915	21.197	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	142843	93.367	ug/l	99
59) 2-Hexanone	11.194	43	237694	110.658	ug/l	100
60) Dibromochloromethane	11.359	129	50326	21.251	ug/l	97
61) 1,2-Dibromoethane	11.470	107	44554	21.393	ug/l	98
64) Tetrachloroethene	11.100	164	38055	20.179	ug/l	97
65) Chlorobenzene	11.888	112	123787	20.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44285	21.417	ug/l	96
67) Ethyl Benzene	11.959	91	219635	20.688	ug/l	98
68) m/p-Xylenes	12.070	106	168826	42.989	ug/l	98
69) o-Xylene	12.394	106	79896	21.503	ug/l	98
70) Styrene	12.412	104	134066	21.302	ug/l	98
71) Bromoform	12.576	173	32824	21.561	ug/l #	99
73) Isopropylbenzene	12.694	105	207217	21.254	ug/l	99
74) N-amyl acetate	12.494	43	93392	21.154	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	60656	20.690	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	81444	31.983	ug/l	61
77) Bromobenzene	12.976	156	48803	20.752	ug/l	98
78) n-propylbenzene	13.035	91	241164	21.350	ug/l	98
79) 2-Chlorotoluene	13.123	91	147738	20.497	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	171600	21.577	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22222	20.426	ug/l	92
82) 4-Chlorotoluene	13.217	91	151387	20.864	ug/l	100
83) tert-Butylbenzene	13.435	119	147727	20.899	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	176283	22.004	ug/l	99
85) sec-Butylbenzene	13.611	105	205477	21.784	ug/l	99
86) p-Isopropyltoluene	13.729	119	171766	22.022	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	90970	20.620	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	88628	19.893	ug/l	96
89) n-Butylbenzene	14.053	91	151334	21.398	ug/l	100
90) Hexachloroethane	14.335	117	32554	20.562	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	88942	20.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12914	21.347	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	47149	22.128	ug/l	99
94) Hexachlorobutadiene	15.500	225	22742	21.402	ug/l	97
95) Naphthalene	15.641	128	149988	21.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46153	21.639	ug/l	95

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QLast Update : Tue Oct 01 06:46:32 2024
Response via : Initial Calibration

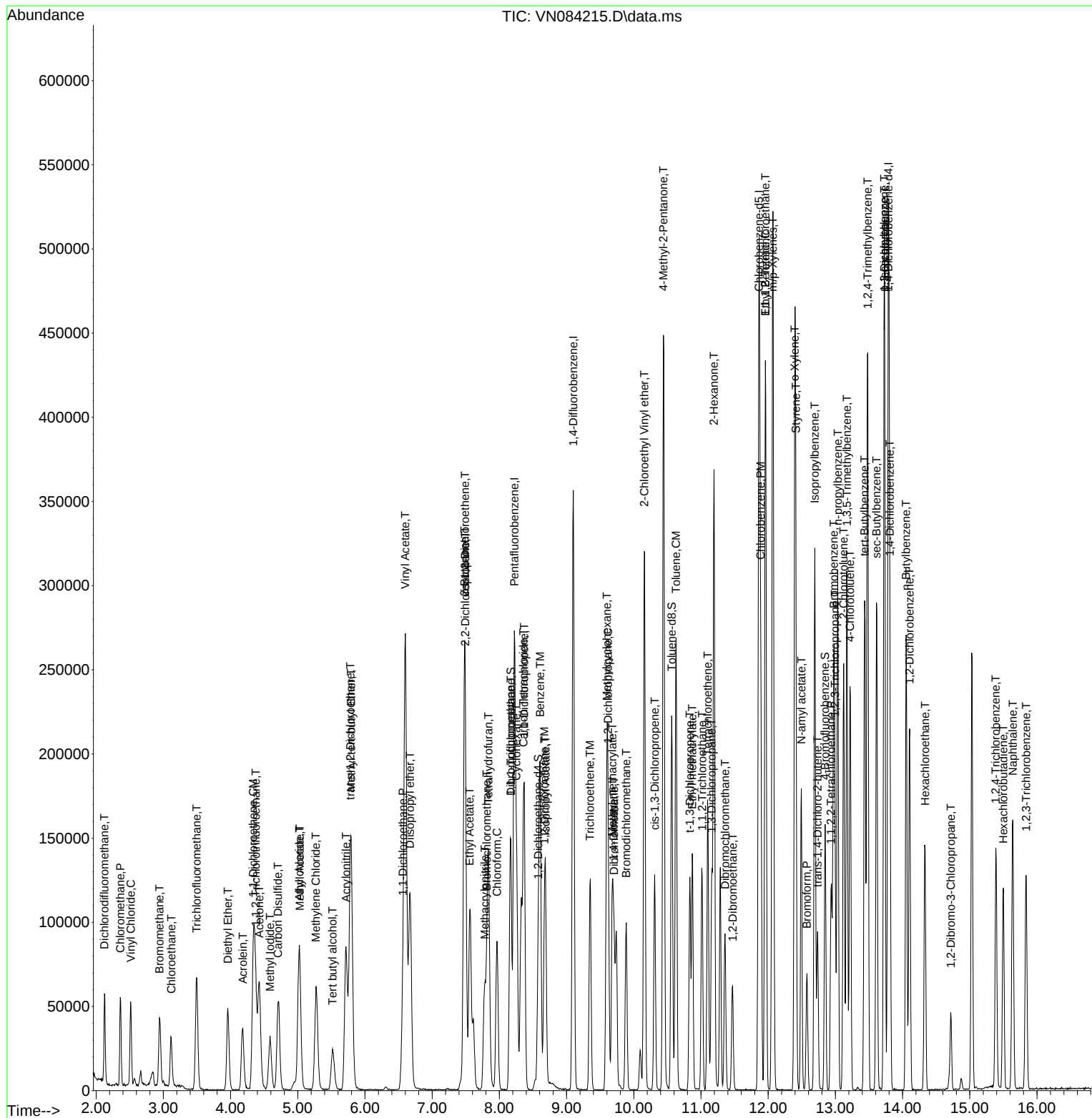
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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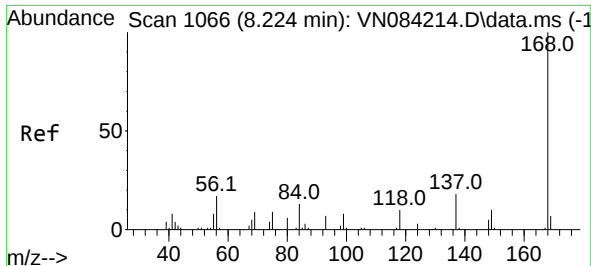
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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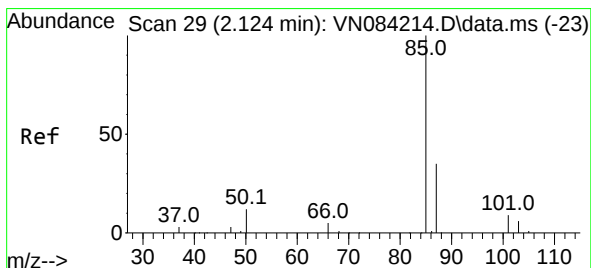
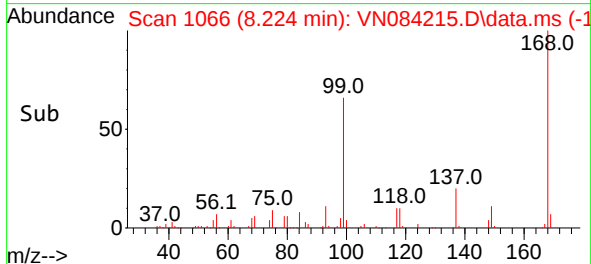
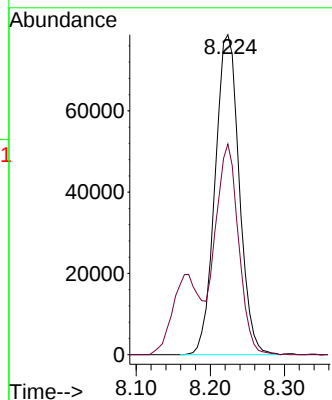
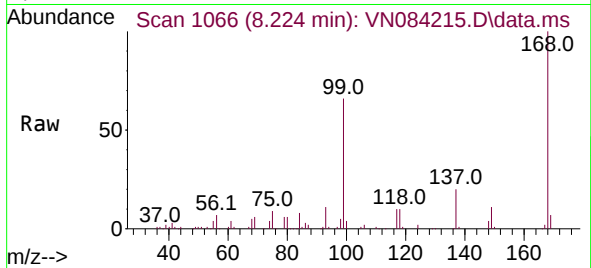




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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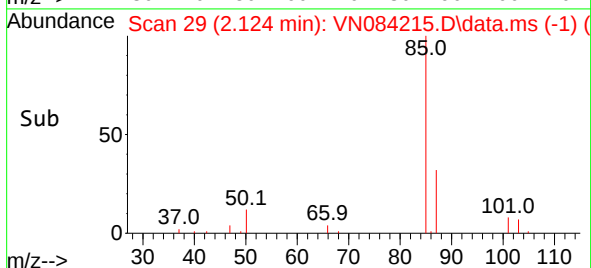
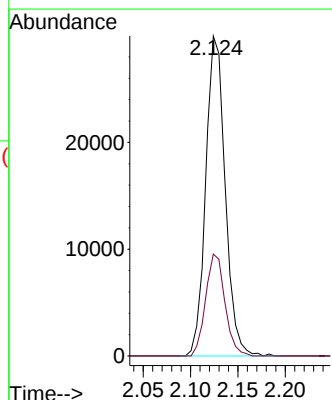
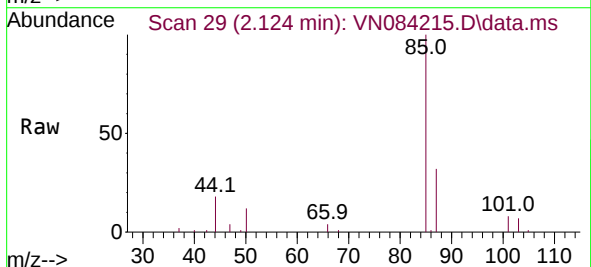
Instrument :
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VSTDIC020

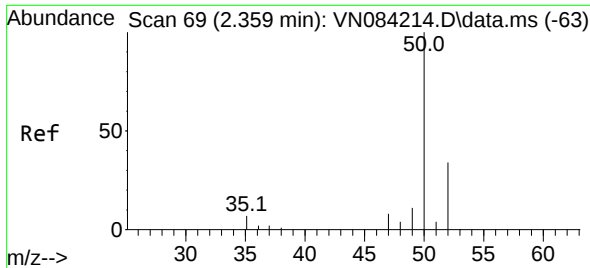
Tgt Ion:168 Resp: 178087
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 20.275 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 85 Resp: 42709
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9

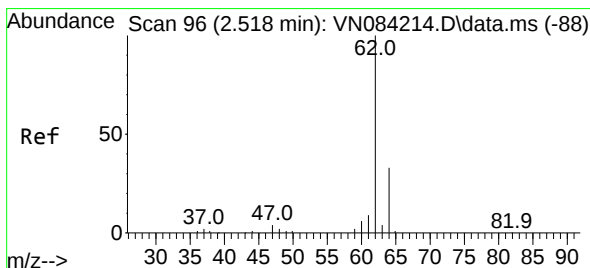
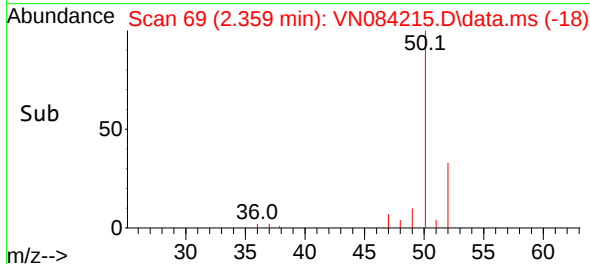
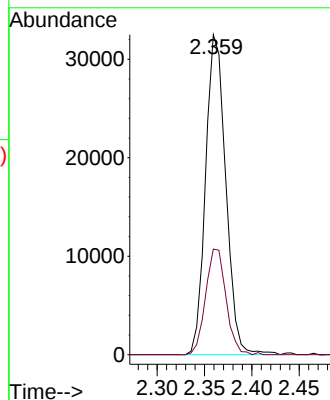
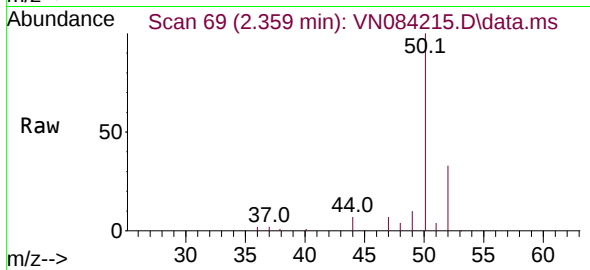




#3
Chloromethane
Concen: 20.047 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

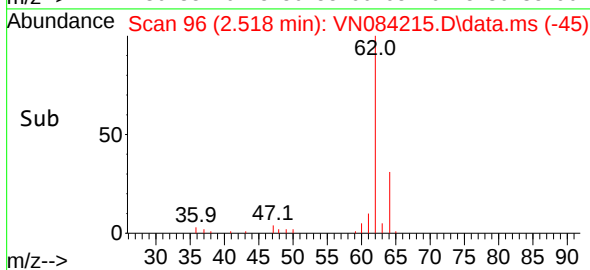
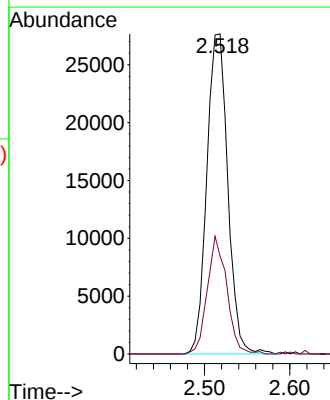
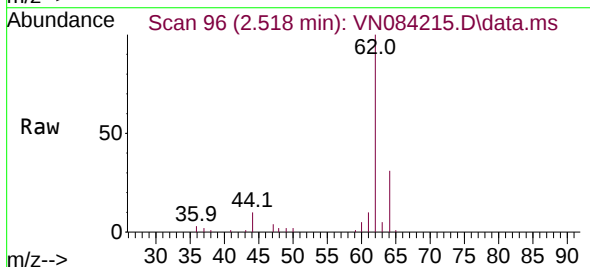
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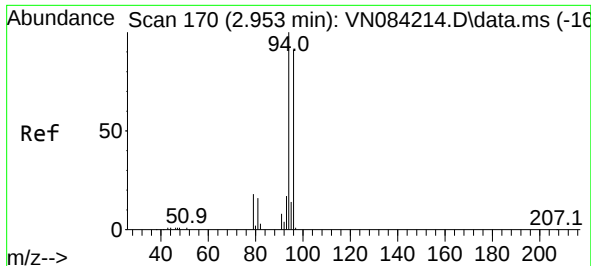
Tgt Ion: 50 Resp: 48218
Ion Ratio Lower Upper
50 100
52 33.0 26.8 40.2



#4
Vinyl Chloride
Concen: 20.334 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 62 Resp: 47375
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.4

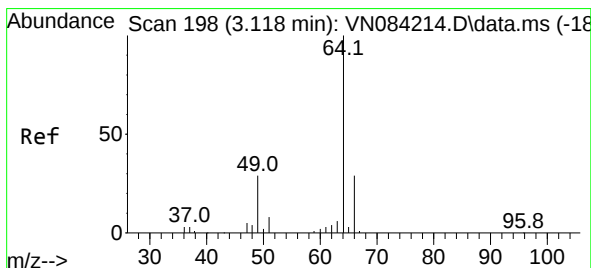
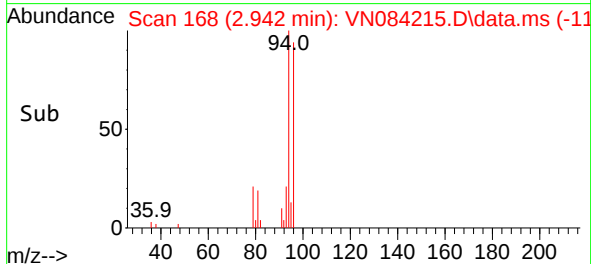
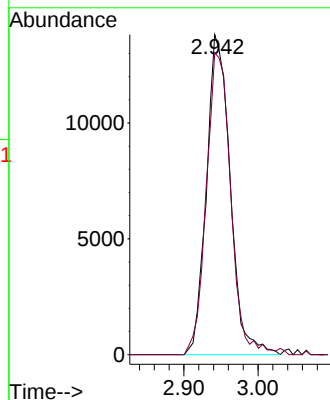
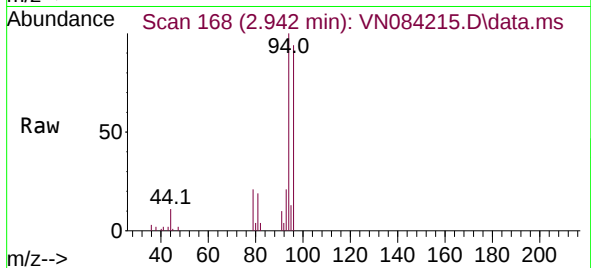




#5
Bromomethane
Concen: 20.010 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN084215.D
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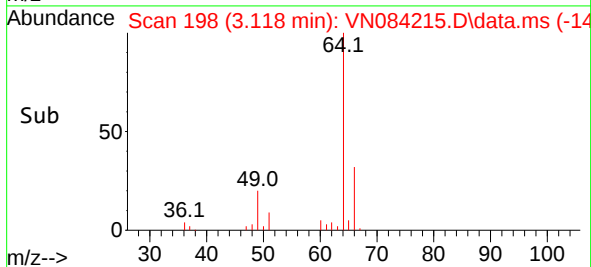
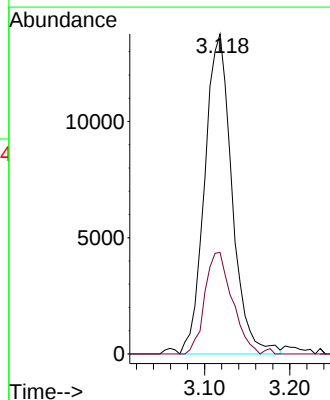
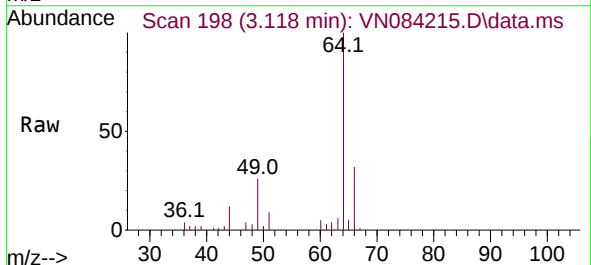
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Tgt Ion: 94 Resp: 30751
Ion Ratio Lower Upper
94 100
96 94.3 72.9 109.3



#6
Chloroethane
Concen: 18.369 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 64 Resp: 30650
Ion Ratio Lower Upper
64 100
66 31.8 23.5 35.3

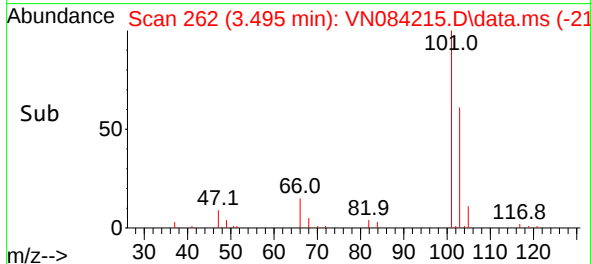
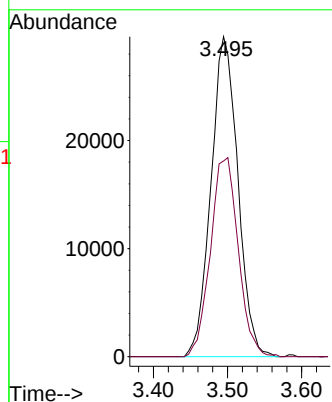
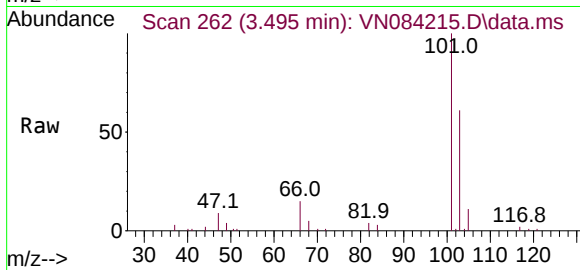




#7
Trichlorofluoromethane
Concen: 20.557 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
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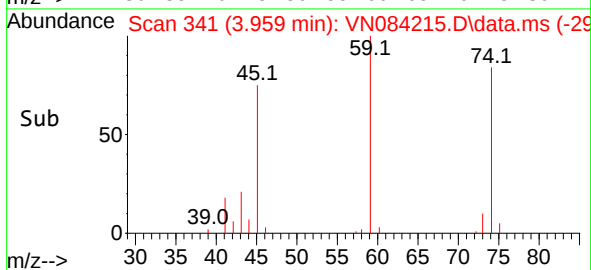
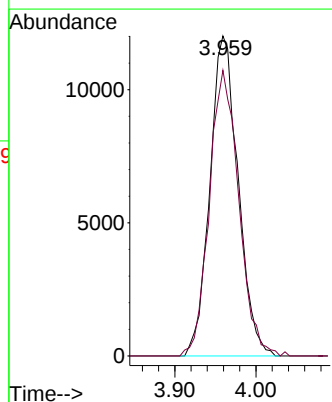
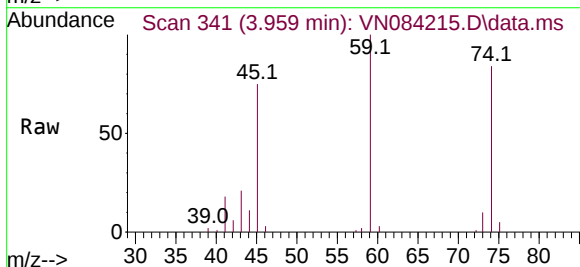
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 74579
Ion Ratio Lower Upper
101 100
103 61.2 51.8 77.6



#8
Diethyl Ether
Concen: 21.619 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 74 Resp: 29090
Ion Ratio Lower Upper
74 100
45 92.8 47.7 143.1

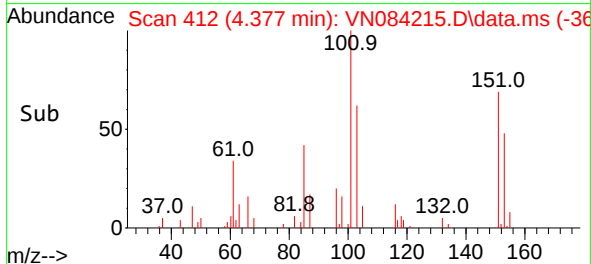
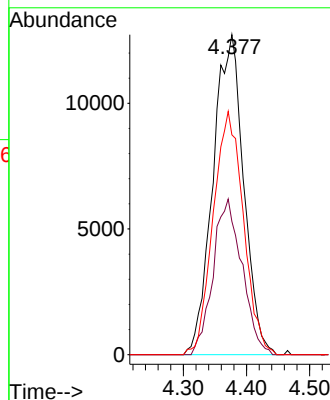
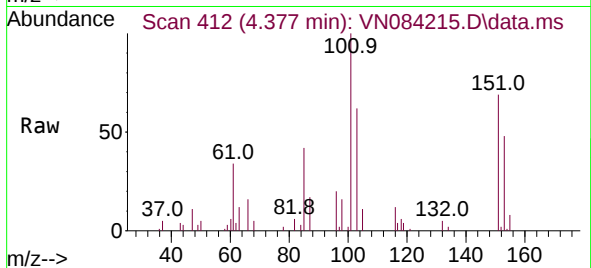




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.665 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084215.D
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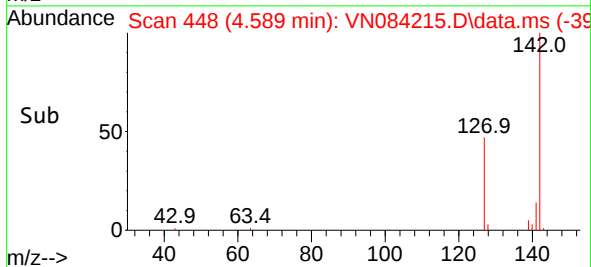
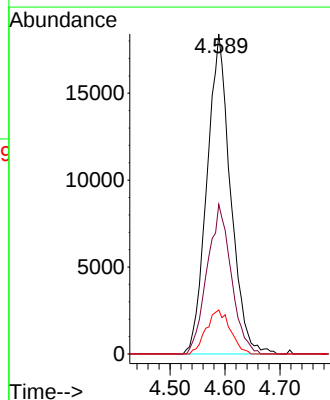
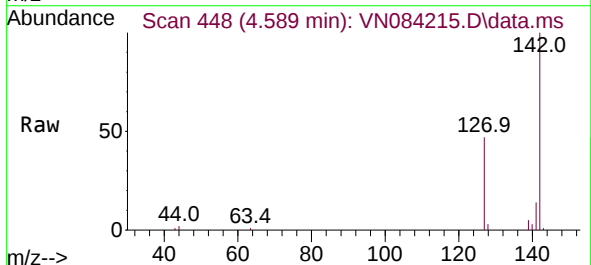
Instrument :
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Tgt Ion:101 Resp: 42958
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 74.9 59.3 88.9



#10
Methyl Iodide
Concen: 20.458 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:142 Resp: 54769
Ion Ratio Lower Upper
142 100
127 46.7 35.3 52.9
141 13.7 11.0 16.6

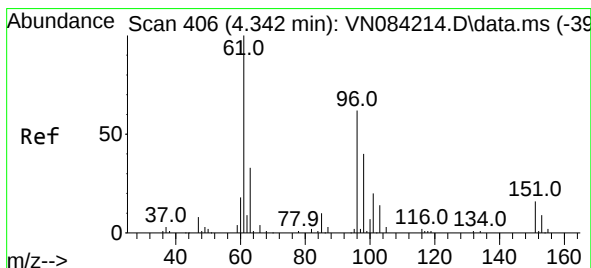
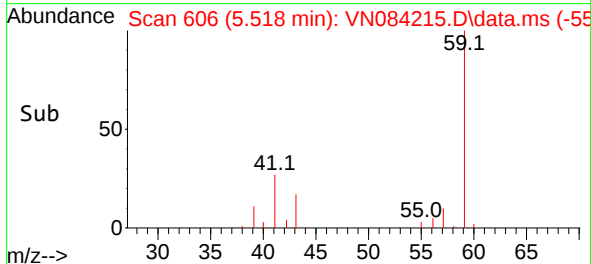
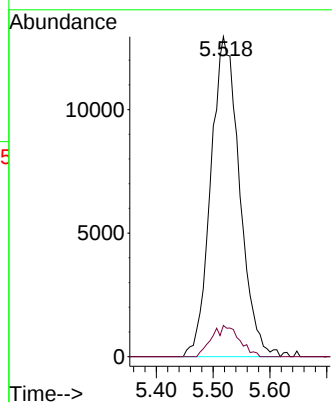
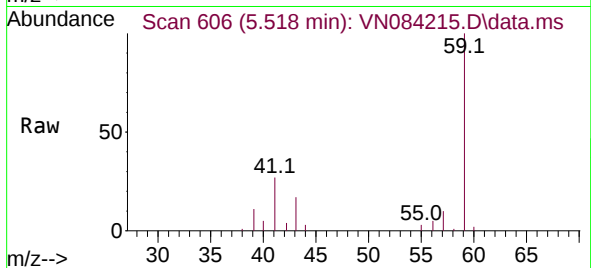




#11
Tert butyl alcohol
Concen: 104.506 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

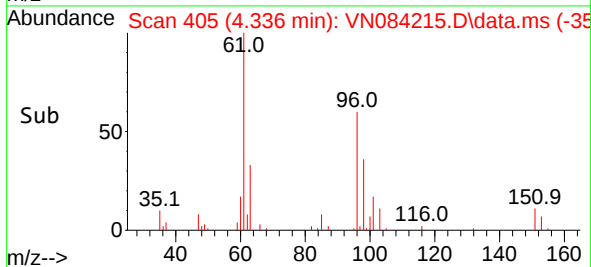
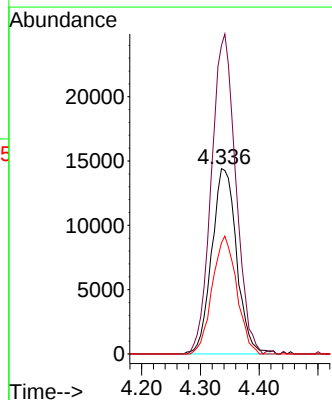
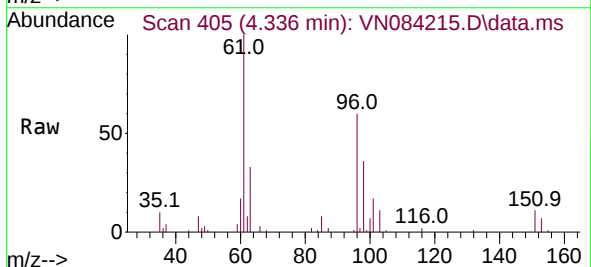
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 45501
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.171 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 96 Resp: 42450
Ion Ratio Lower Upper
96 100
61 166.5 128.6 192.8
98 60.0 51.7 77.5

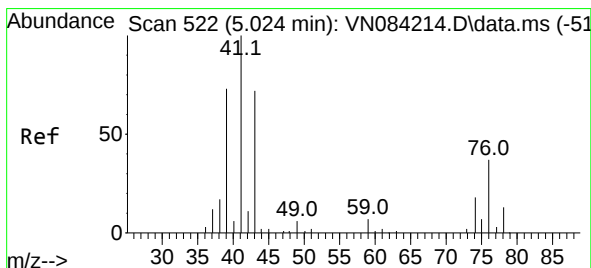
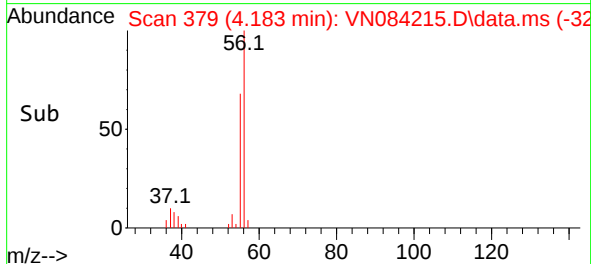
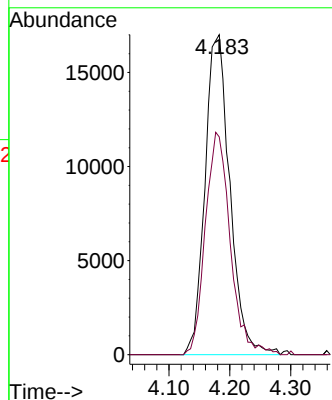
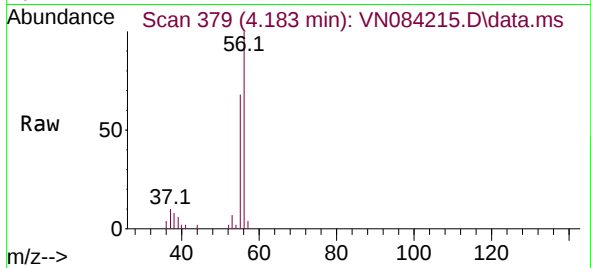




#13
Acrolein
Concen: 96.553 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

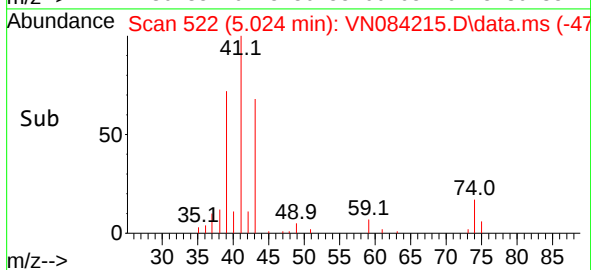
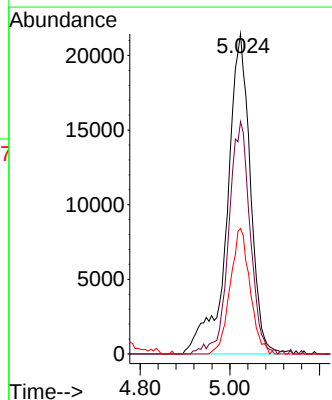
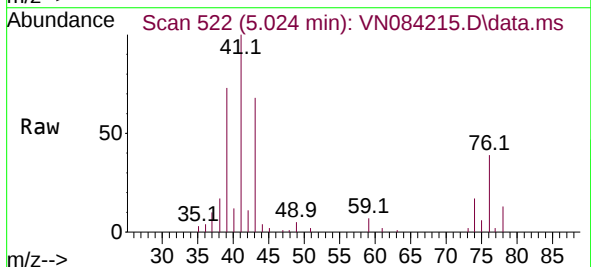
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 48261
Ion Ratio Lower Upper
56 100
55 69.7 57.2 85.8



#14
Allyl chloride
Concen: 22.208 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 41 Resp: 77338
Ion Ratio Lower Upper
41 100
39 66.9 59.0 88.6
76 33.5 29.8 44.6

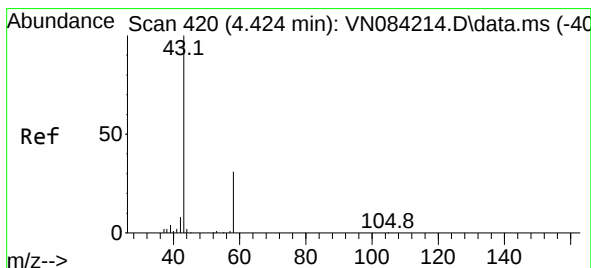
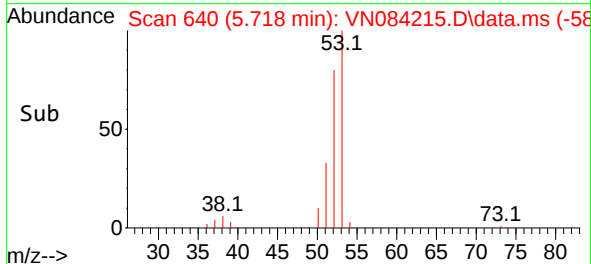
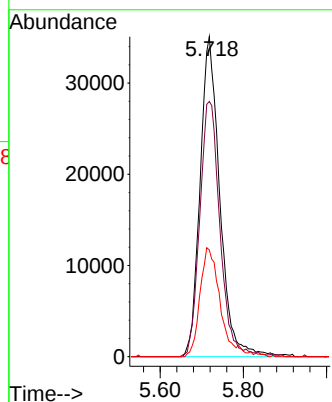
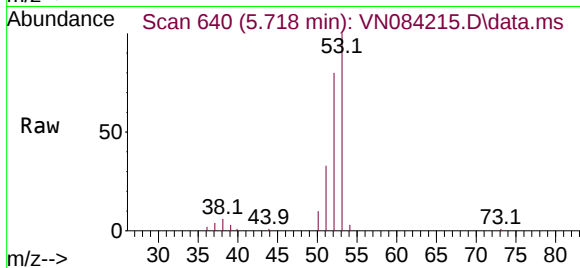




#15
Acrylonitrile
Concen: 105.004 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

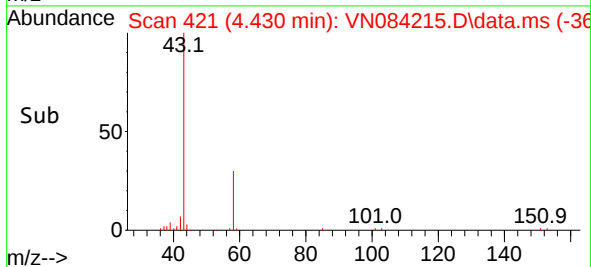
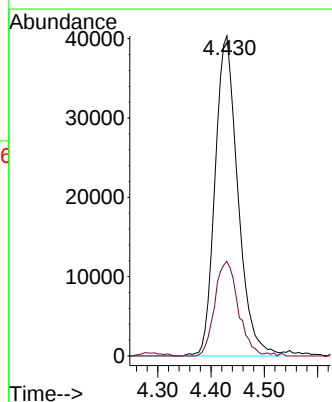
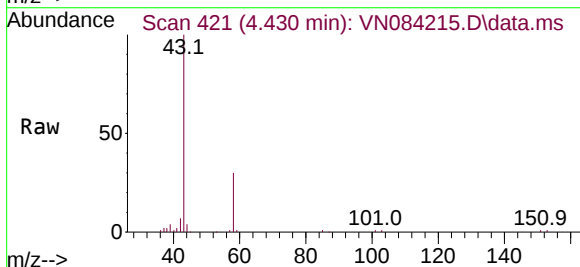
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

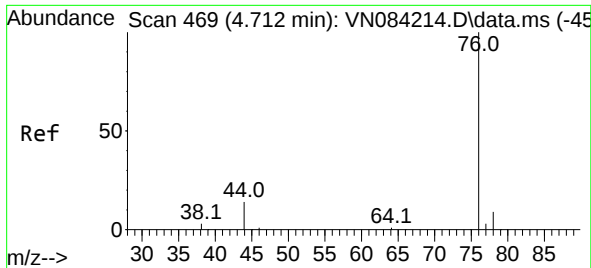
Tgt Ion: 53 Resp: 115451
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 35.2 28.8 43.2



#16
Acetone
Concen: 105.747 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 43 Resp: 119948
Ion Ratio Lower Upper
43 100
58 29.5 24.4 36.6

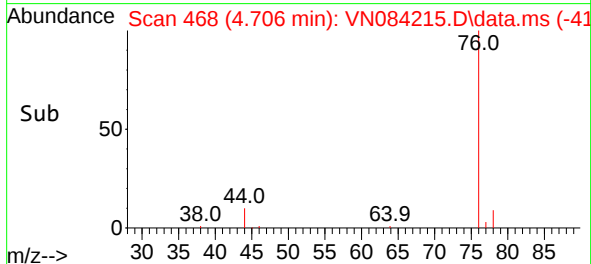
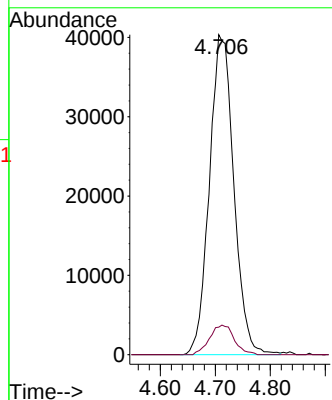
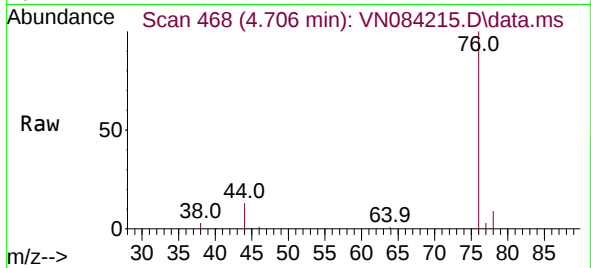




#17
Carbon Disulfide
Concen: 19.590 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

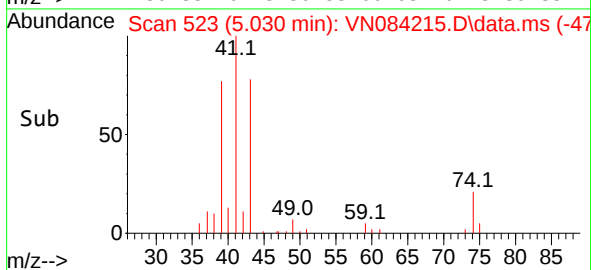
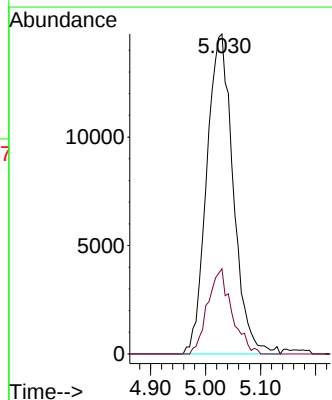
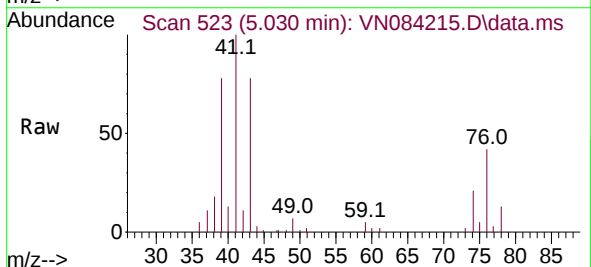
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

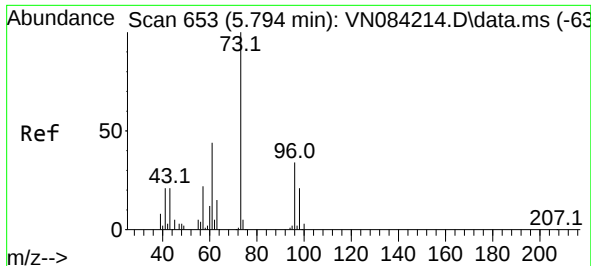
Tgt Ion: 76 Resp: 124366
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.996 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 43 Resp: 49436
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8

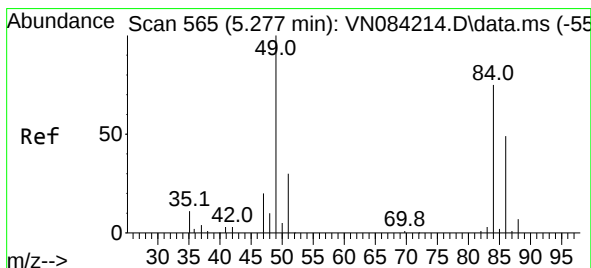
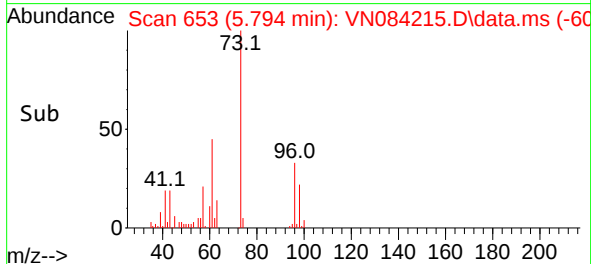
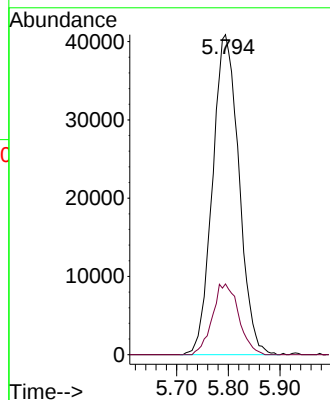
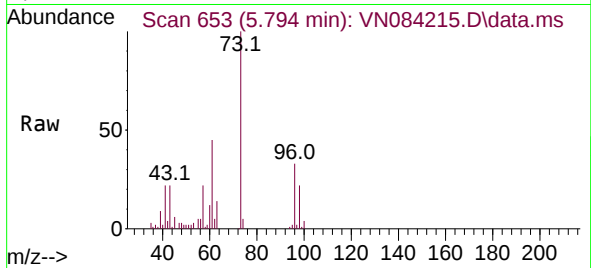




#19
Methyl tert-butyl Ether
Concen: 21.421 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

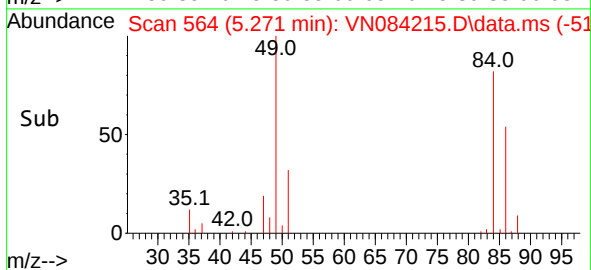
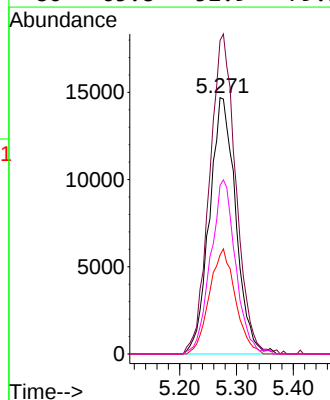
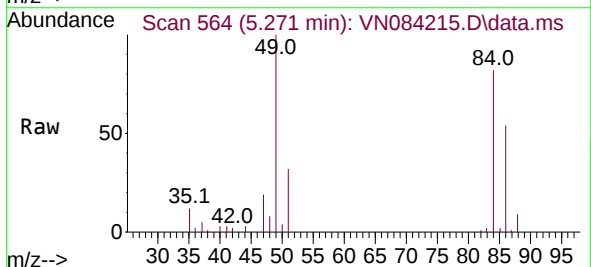
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 144972
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 20.423 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 84 Resp: 47091
Ion Ratio Lower Upper
84 100
49 122.3 107.2 160.8
51 38.6 31.8 47.8
86 65.8 52.9 79.3

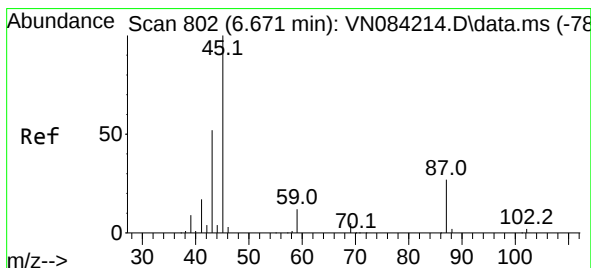
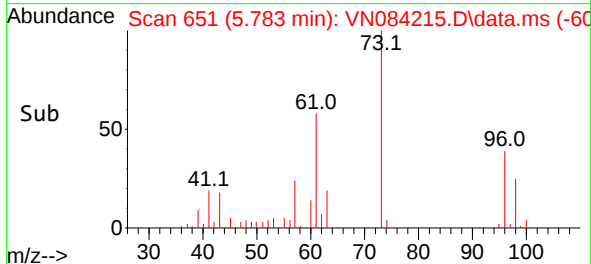
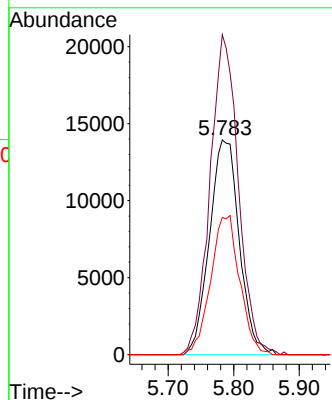
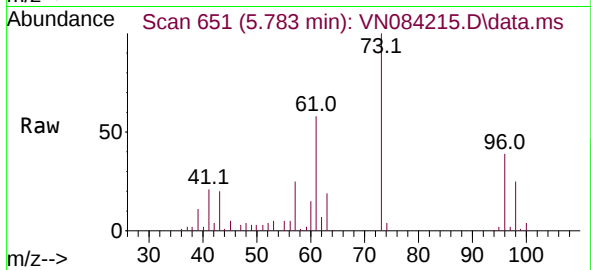




#21
trans-1,2-Dichloroethene
Concen: 20.976 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

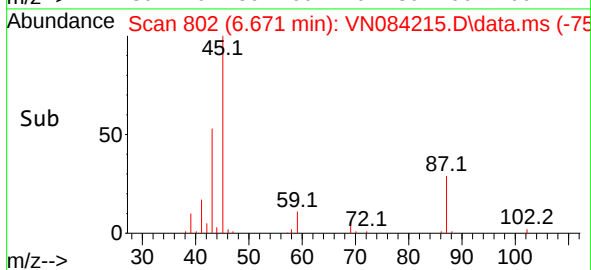
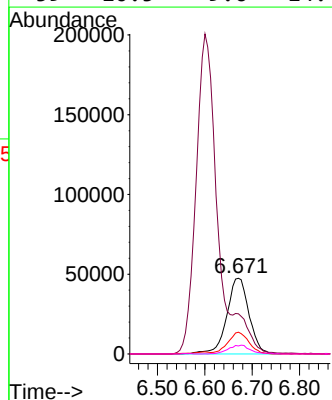
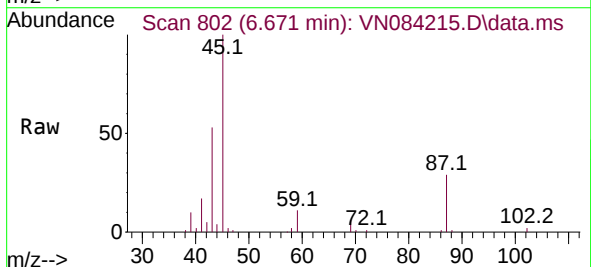
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

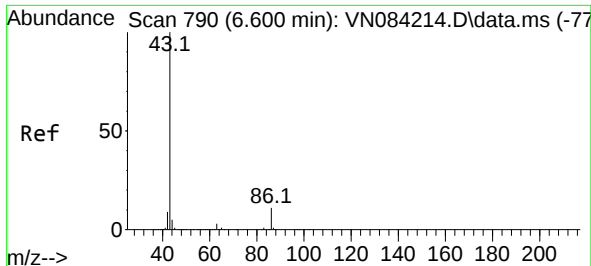
Tgt Ion: 96 Resp: 44064
Ion Ratio Lower Upper
96 100
61 149.0 108.4 162.6
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 21.460 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 45 Resp: 154575
Ion Ratio Lower Upper
45 100
43 51.7 42.3 63.5
87 28.8 21.8 32.6
59 10.5 9.6 14.4

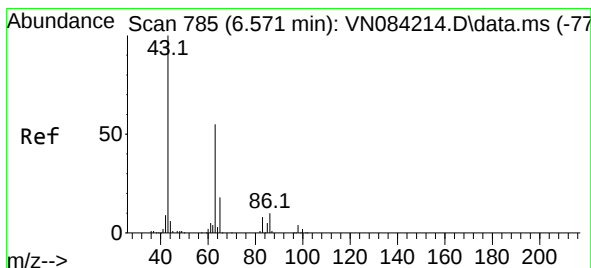
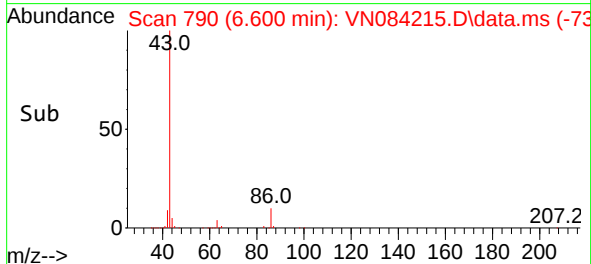
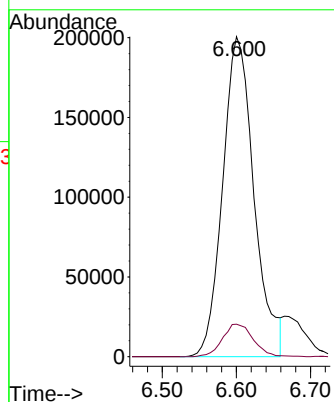
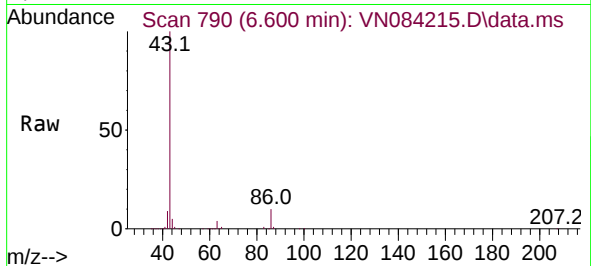




#23
 Vinyl Acetate
 Concen: 109.739 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

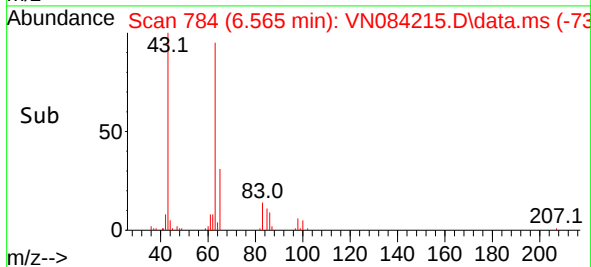
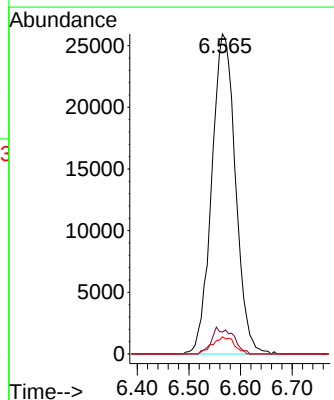
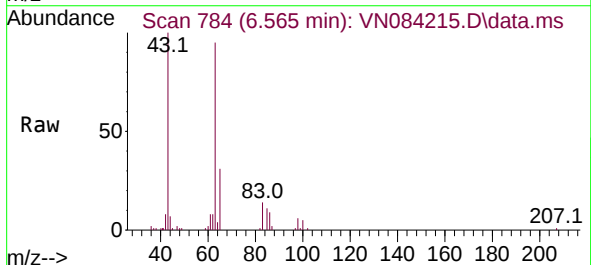
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

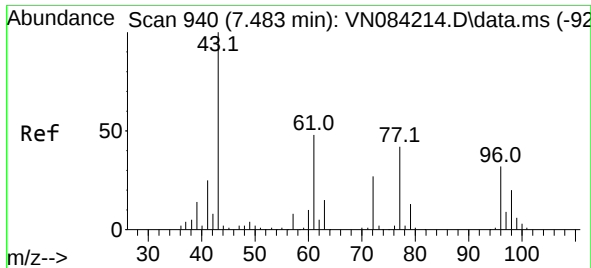
Tgt Ion: 43 Resp: 589404
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.561 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

Tgt Ion: 63 Resp: 82821
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 5.3 2.0 5.8

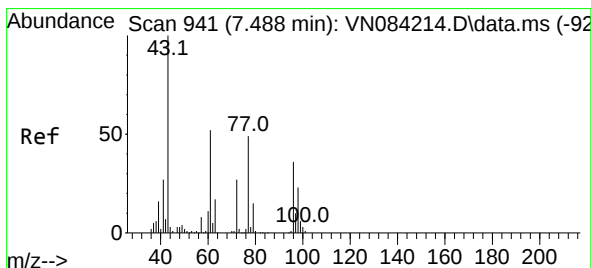
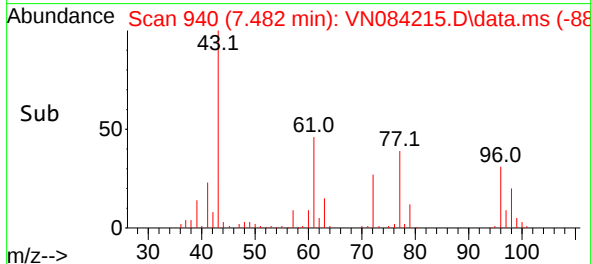
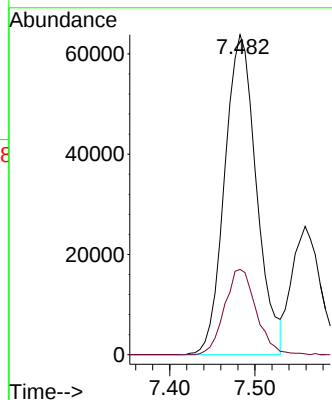
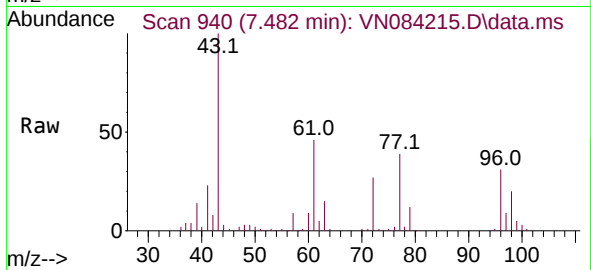




#25
2-Butanone
Concen: 107.295 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

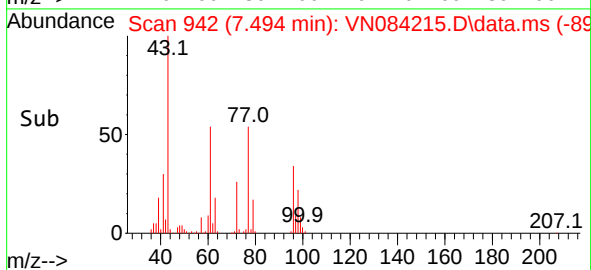
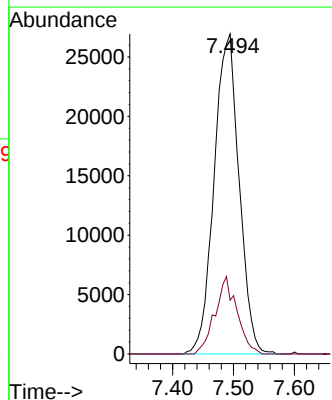
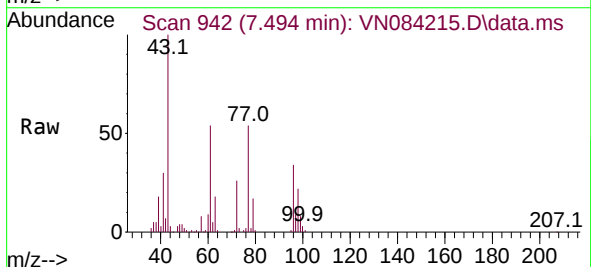
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

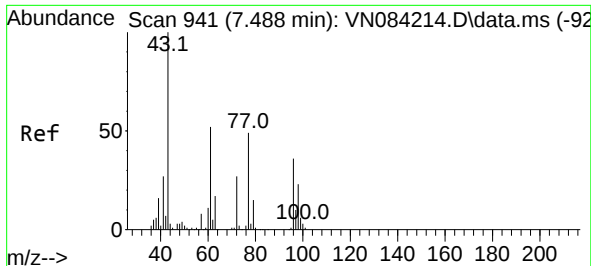
Tgt Ion: 43 Resp: 165762
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.152 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 77 Resp: 76824
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3

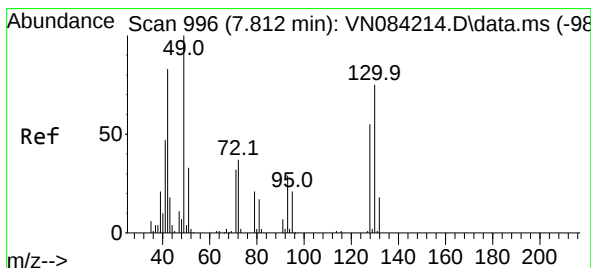
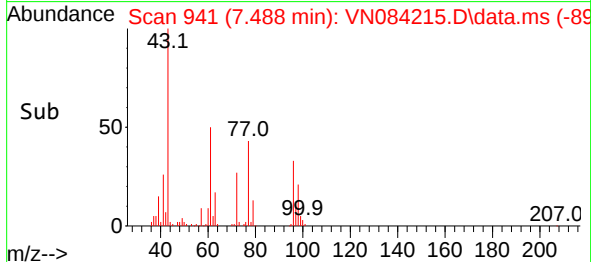
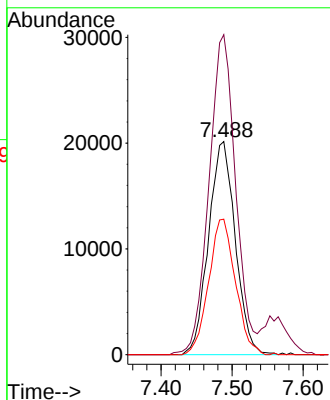
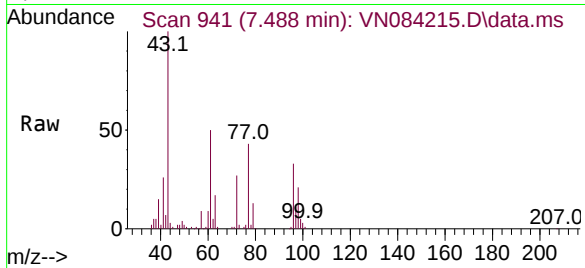




#27
 cis-1,2-Dichloroethene
 Concen: 20.783 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

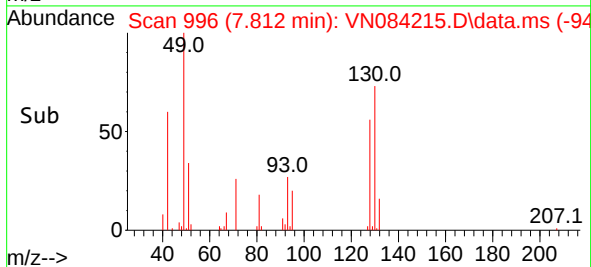
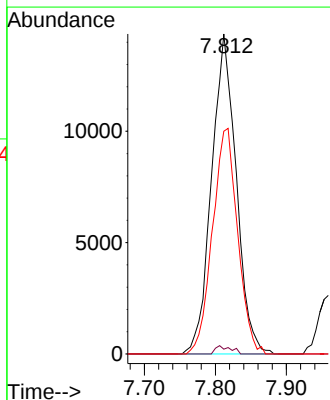
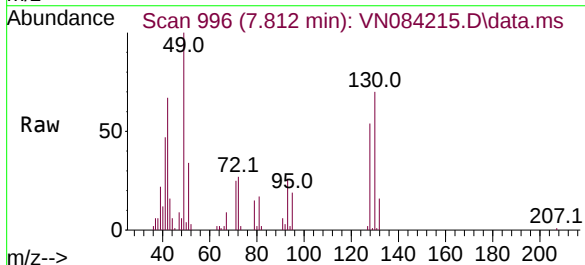
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

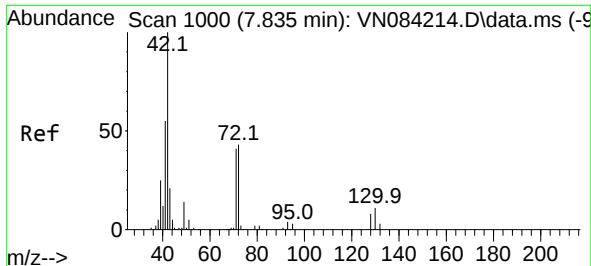
Tgt Ion: 96 Resp: 52758
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 301.8
 98 63.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 19.246 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

Tgt Ion: 49 Resp: 34591
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 71.9 58.0 87.0





#29

Tetrahydrofuran

Concen: 105.041 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

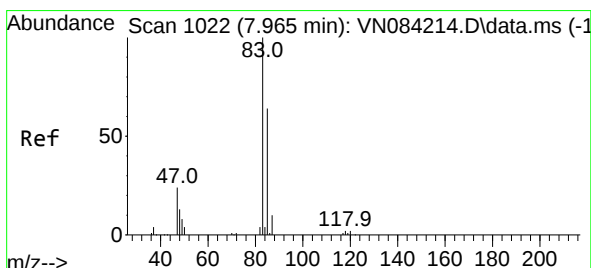
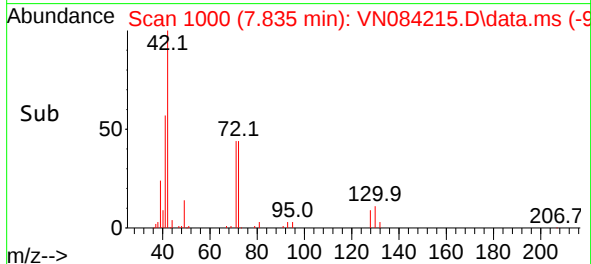
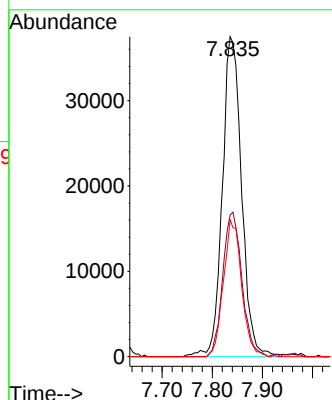
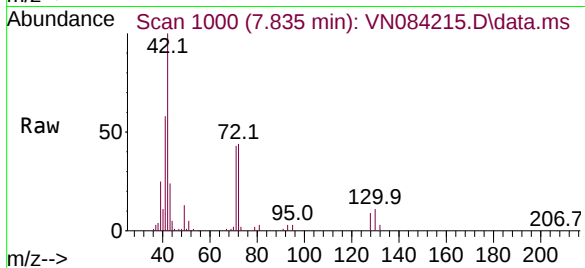
Tgt Ion: 42 Resp: 100146

Ion Ratio Lower Upper

42 100

72 44.7 34.6 51.8

71 40.3 32.2 48.4



#30

Chloroform

Concen: 20.517 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084215.D

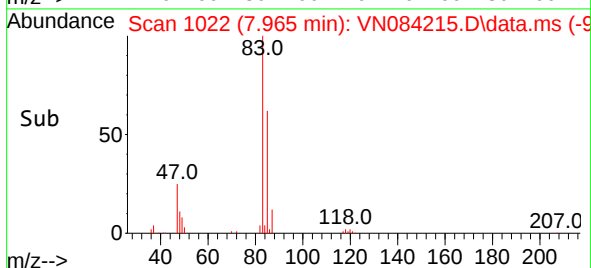
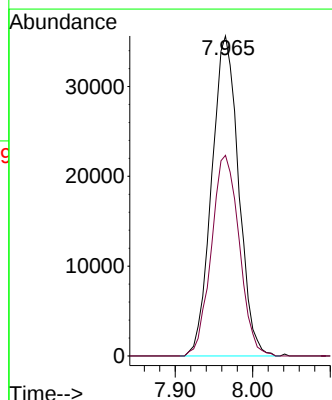
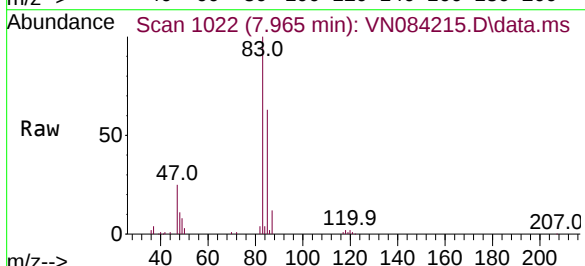
Acq: 30 Sep 2024 13:13

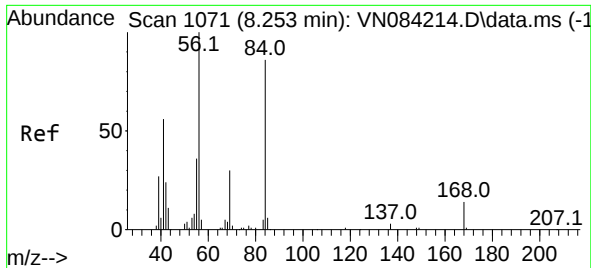
Tgt Ion: 83 Resp: 85848

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.4

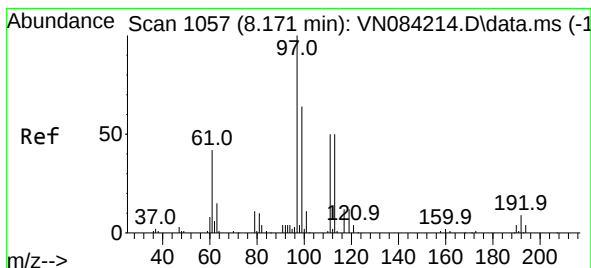
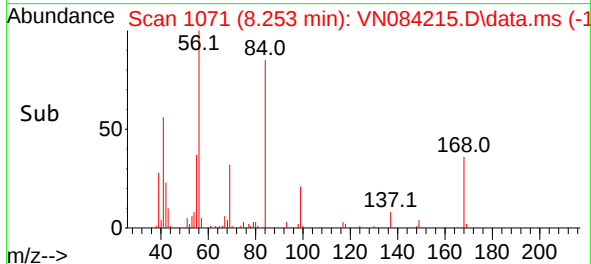
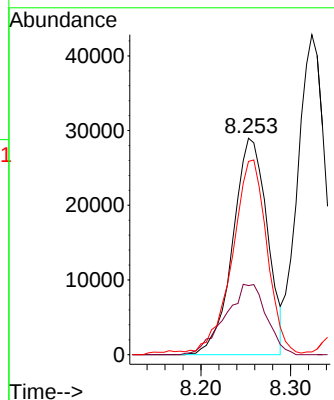
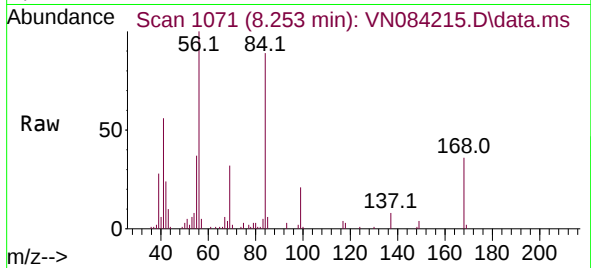




#31
Cyclohexane
Concen: 19.743 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

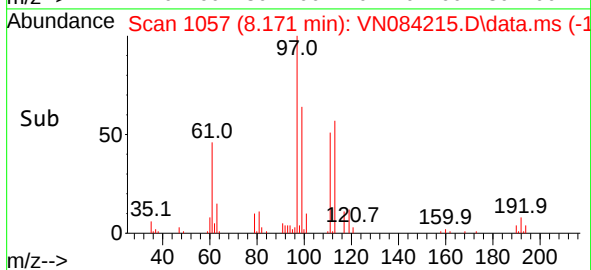
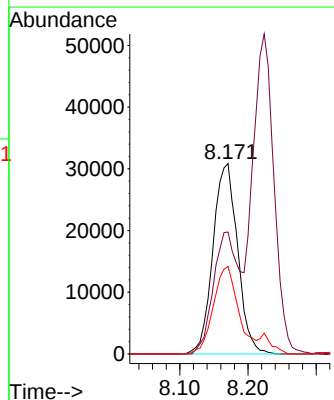
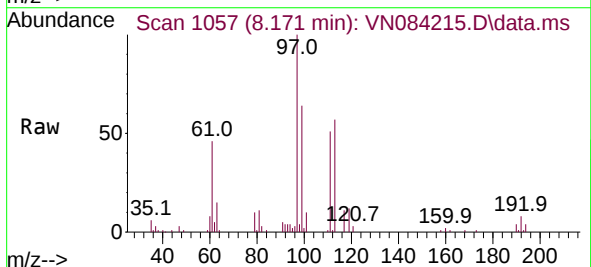
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

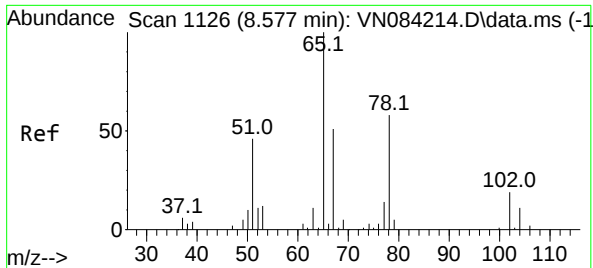
Tgt Ion:	56	Resp:	77216
Ion Ratio	Lower	Upper	
56	100		
69	31.9	23.8	35.6
84	87.6	68.8	103.2



#32
1,1,1-Trichloroethane
Concen: 20.637 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:	97	Resp:	77552
Ion Ratio	Lower	Upper	
97	100		
99	68.3	51.2	76.8
61	46.9	37.5	56.3

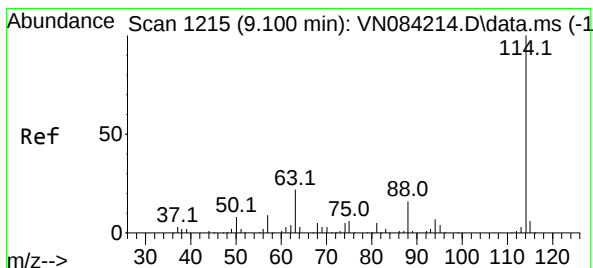
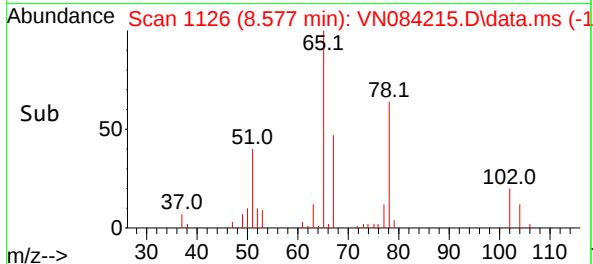
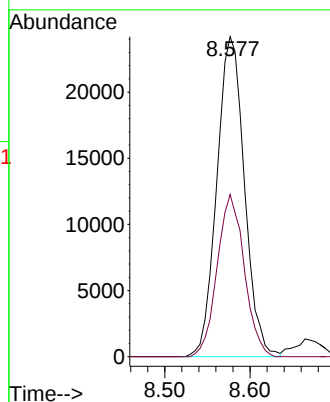
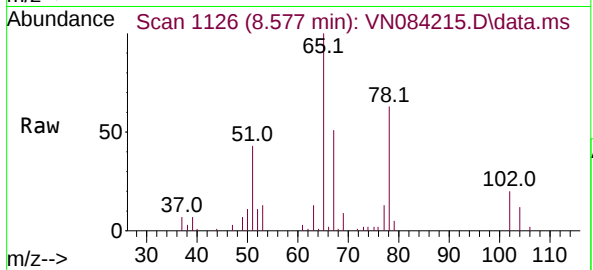




#33
 1,2-Dichloroethane-d4
 Concen: 20.606 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

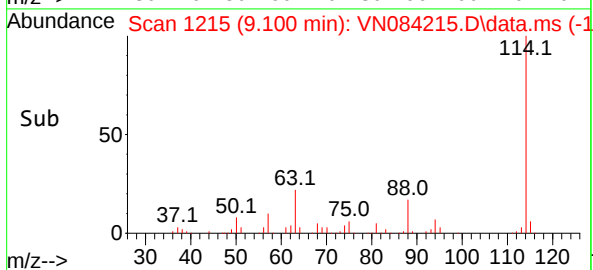
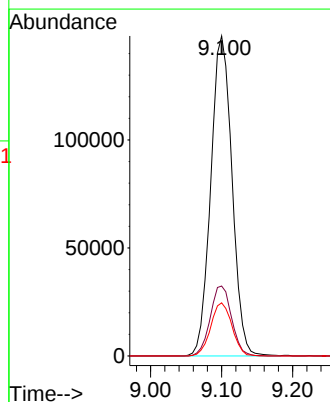
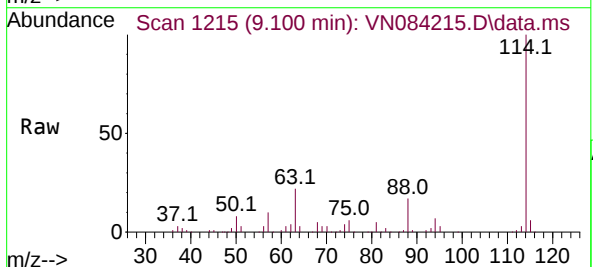
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 65 Resp: 54409
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

Tgt Ion: 114 Resp: 307298
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 20.684 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

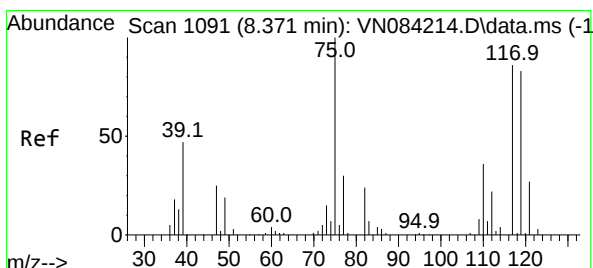
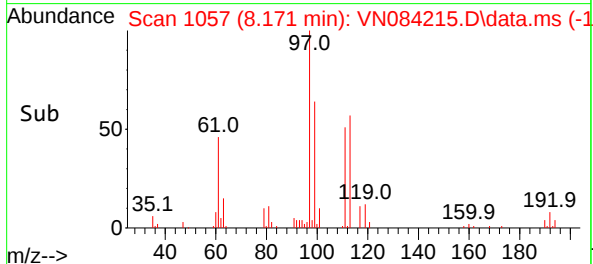
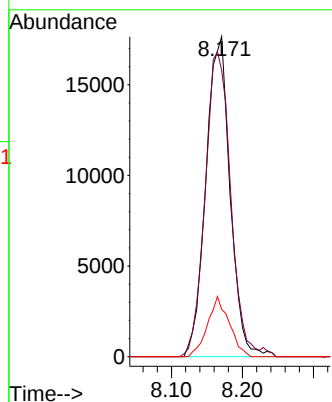
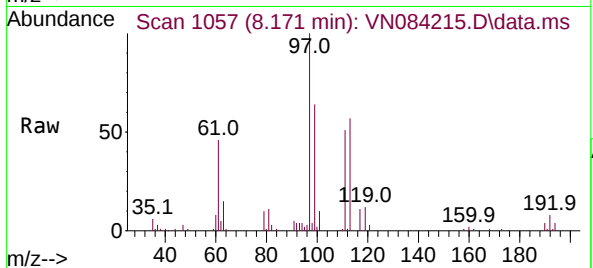
Tgt Ion:113 Resp: 41903

Ion Ratio Lower Upper

113 100

111 100.2 83.3 124.9

192 16.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 20.918 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

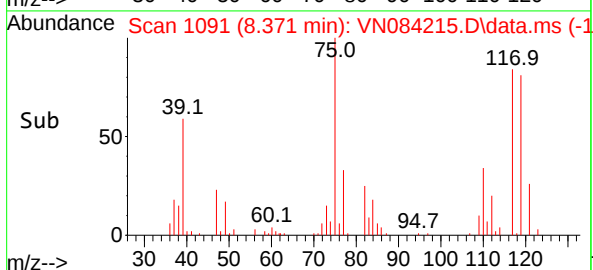
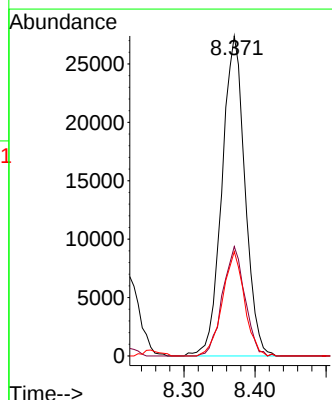
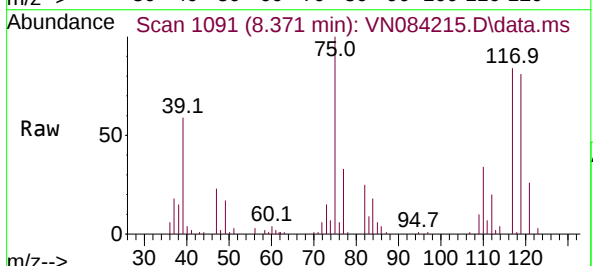
Tgt Ion: 75 Resp: 61556

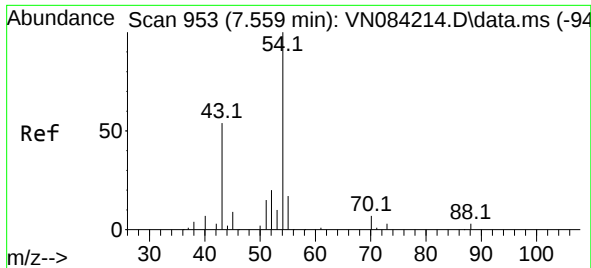
Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.7

77 31.1 24.7 37.1

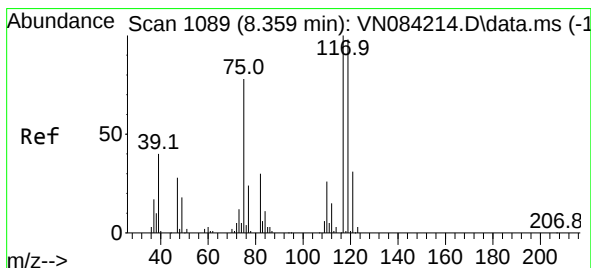
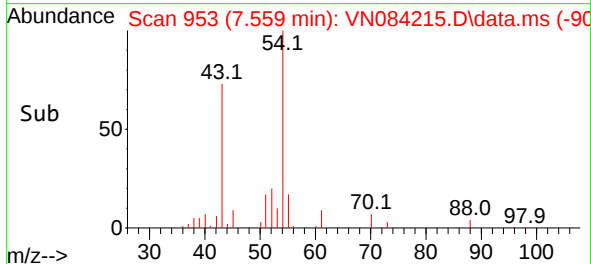
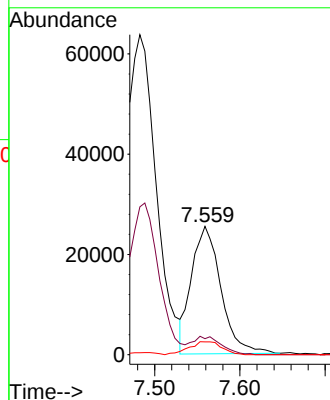
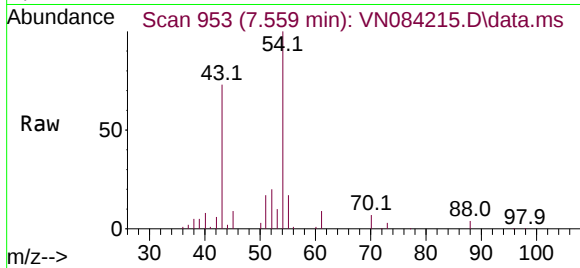




#37
Ethyl Acetate
Concen: 20.213 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

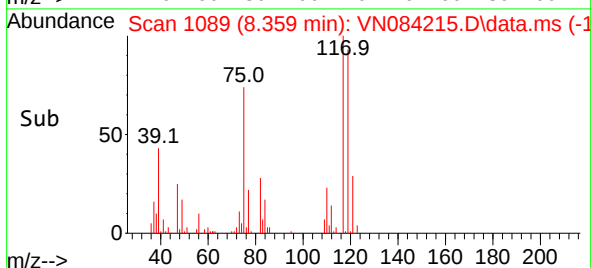
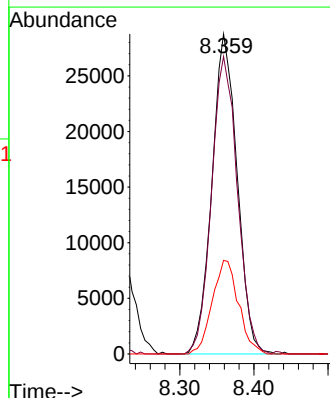
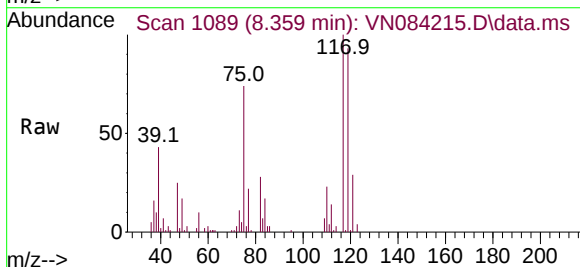
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 61023
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.039 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 117 Resp: 67913
Ion Ratio Lower Upper
117 100
119 93.0 78.7 118.1
121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 21.665 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

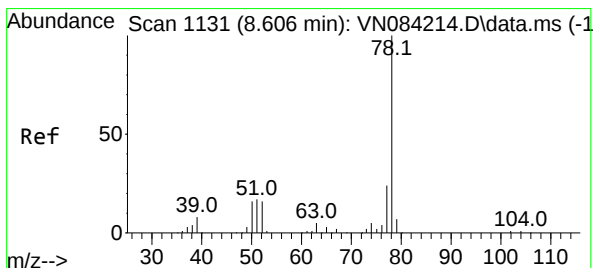
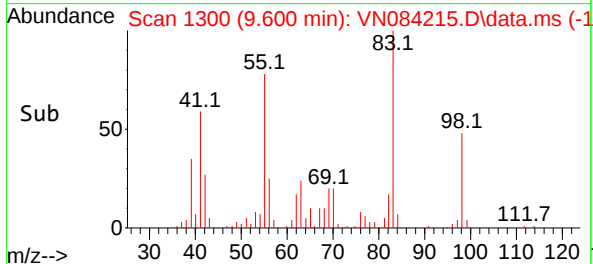
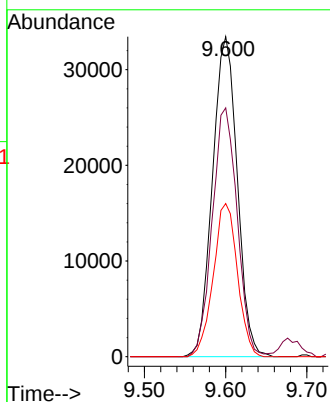
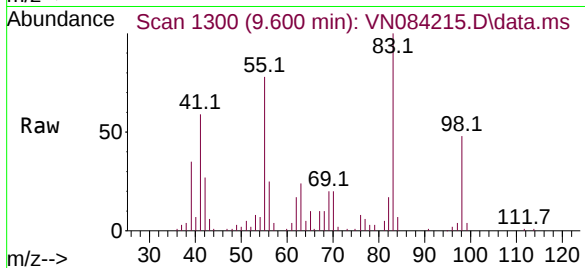
Tgt Ion: 83 Resp: 70956

Ion Ratio Lower Upper

83 100

55 77.8 62.8 94.2

98 47.9 38.8 58.2



#40

Benzene

Concen: 20.896 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN084215.D

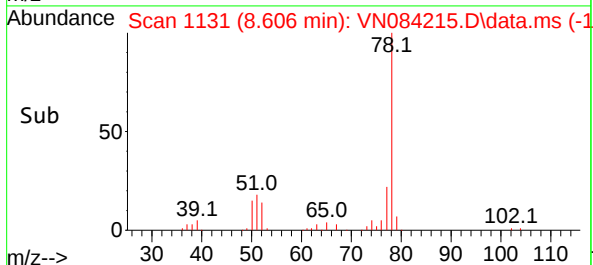
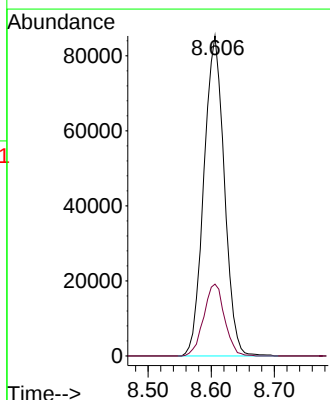
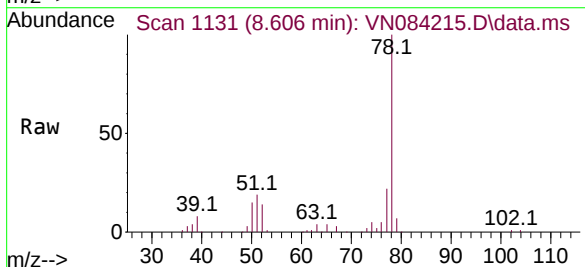
Acq: 30 Sep 2024 13:13

Tgt Ion: 78 Resp: 191581

Ion Ratio Lower Upper

78 100

77 22.5 19.1 28.7

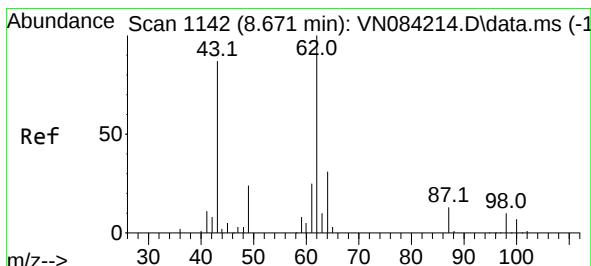
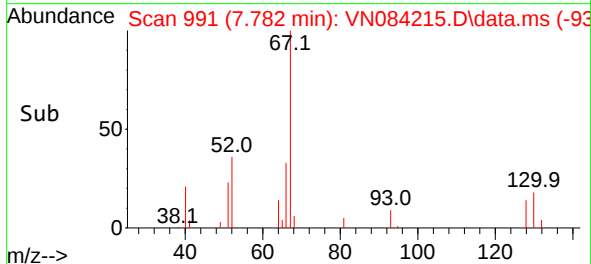
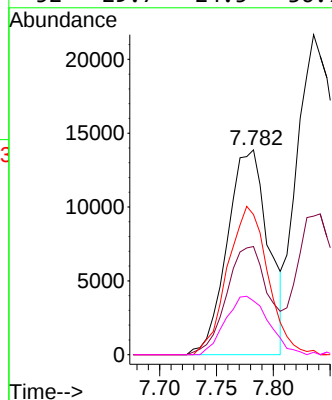
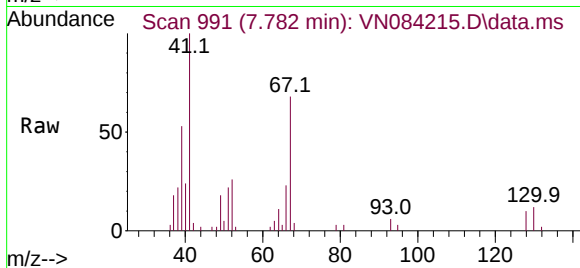




#41
Methacrylonitrile
Concen: 21.320 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

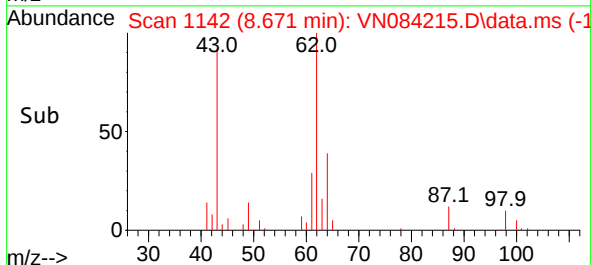
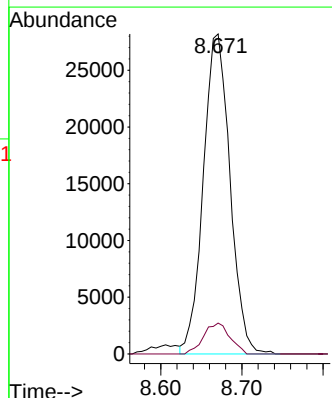
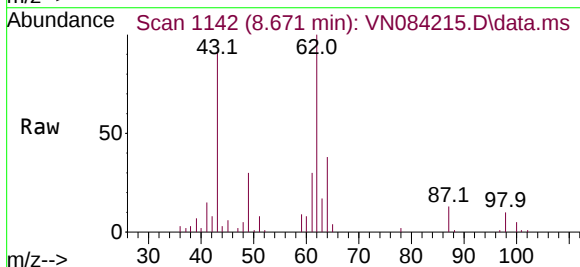
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

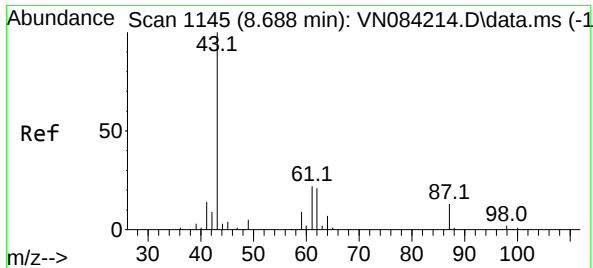
Tgt Ion:	41	Resp:	34943
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	71.5	56.1	84.1
52	29.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.736 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:	62	Resp:	64453
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

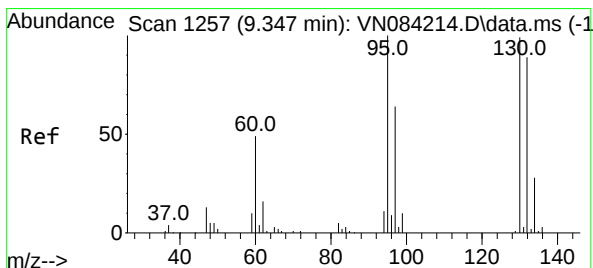
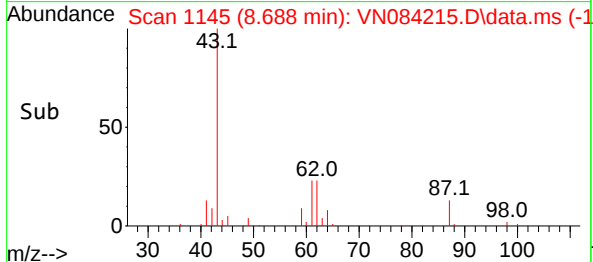
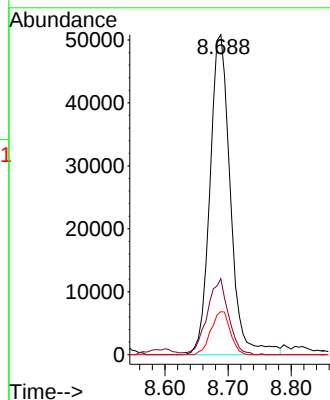
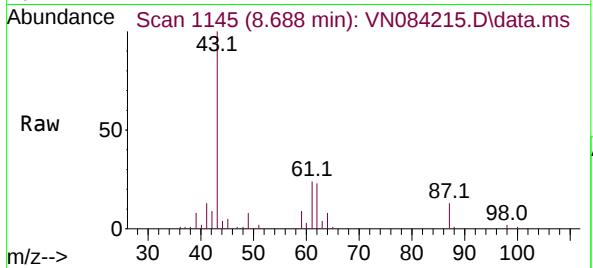




#43
Isopropyl Acetate
Concen: 19.334 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

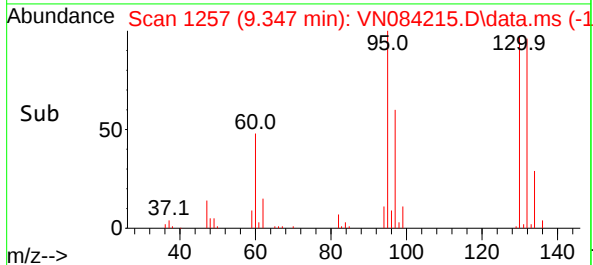
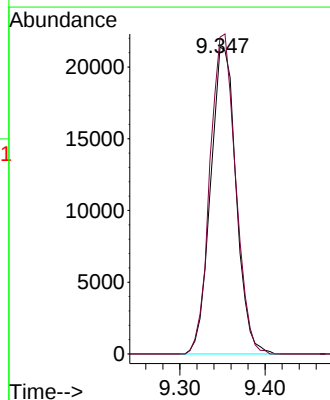
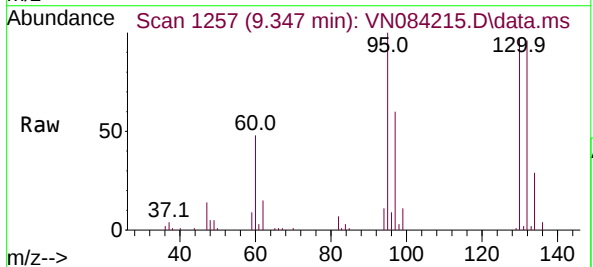
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

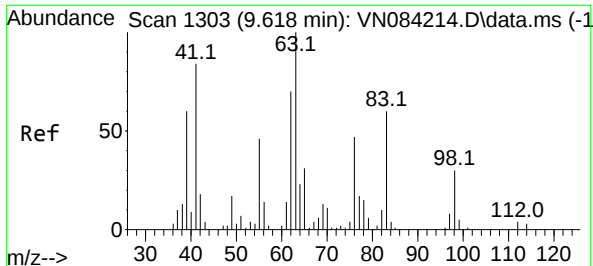
Tgt Ion: 43 Resp: 114278
Ion Ratio Lower Upper
43 100
61 24.7 20.4 30.6
87 12.7 10.3 15.5



#44
Trichloroethene
Concen: 20.740 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:130 Resp: 44412
Ion Ratio Lower Upper
130 100
95 103.2 0.0 203.0

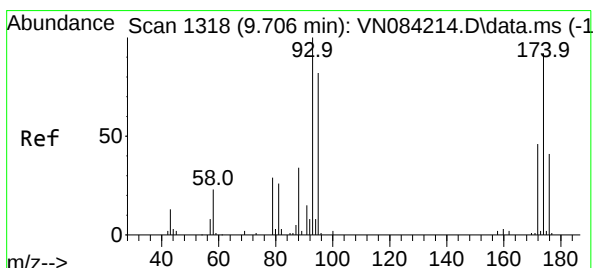
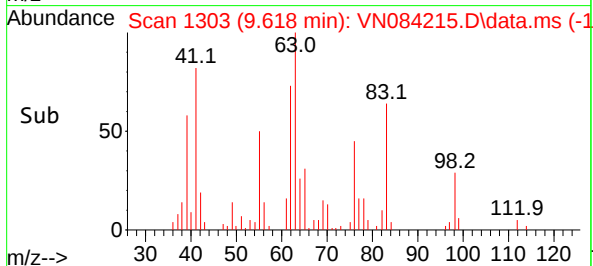
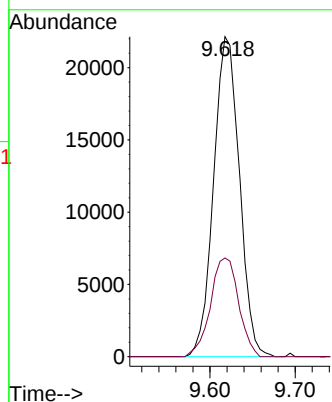
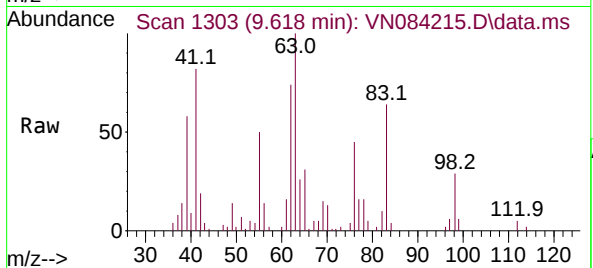




#45
1,2-Dichloropropane
Concen: 21.509 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

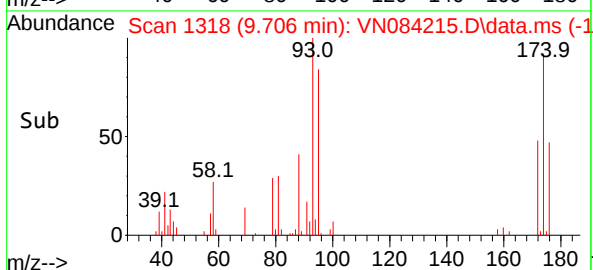
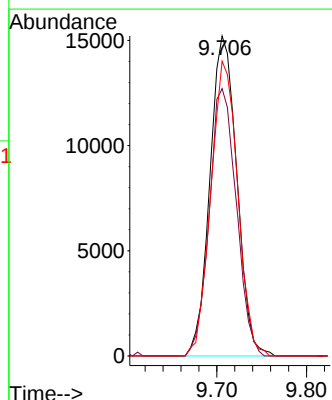
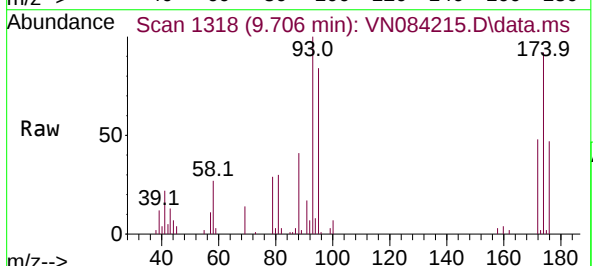
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 46651
Ion Ratio Lower Upper
63 100
65 30.9 24.6 37.0



#46
Dibromomethane
Concen: 21.639 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 93 Resp: 31672
Ion Ratio Lower Upper
93 100
95 83.8 65.0 97.4
174 92.0 71.8 107.8

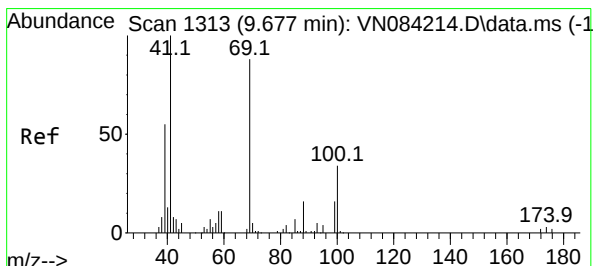
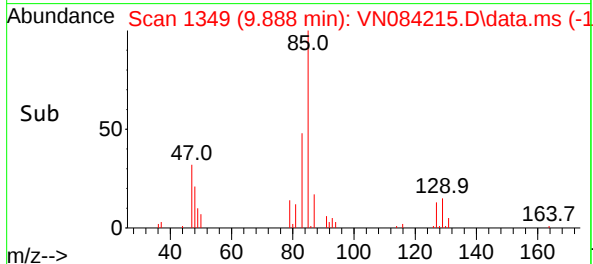
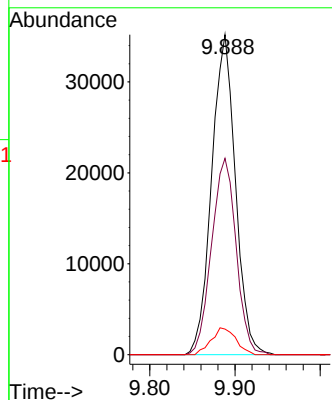
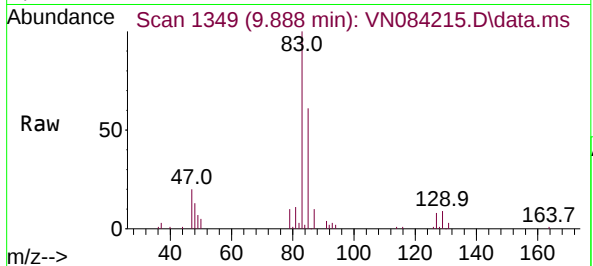




#47
Bromodichloromethane
Concen: 21.017 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

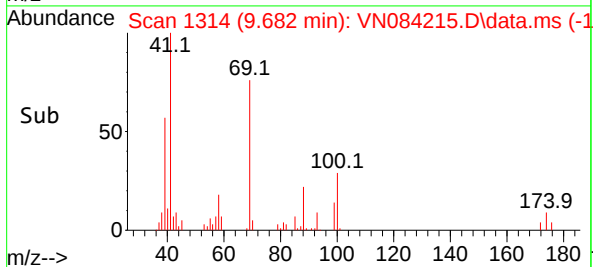
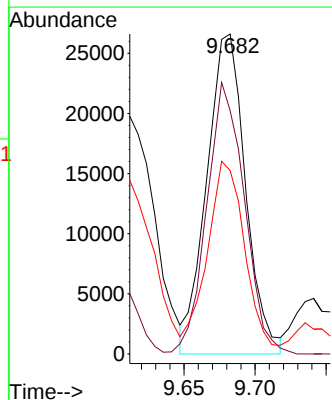
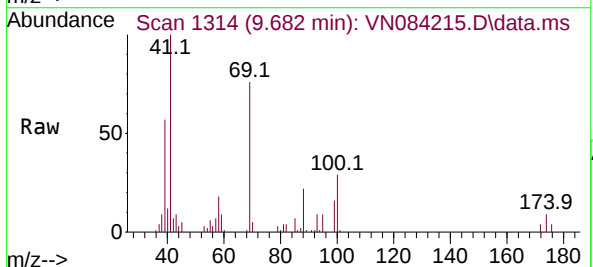
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

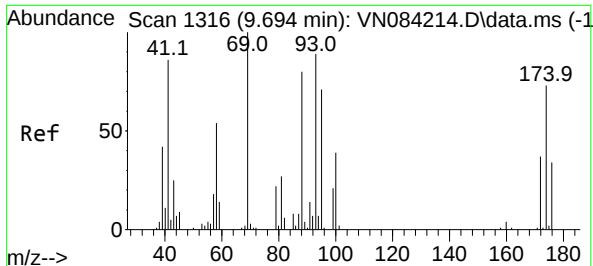
Tgt Ion: 83 Resp: 68343
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3
127 8.0 5.7 8.5



#48
Methyl methacrylate
Concen: 21.453 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 41 Resp: 50498
Ion Ratio Lower Upper
41 100
69 82.3 67.1 100.7
39 59.0 45.8 68.6





#49

1,4-Dioxane

Concen: 424.848 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

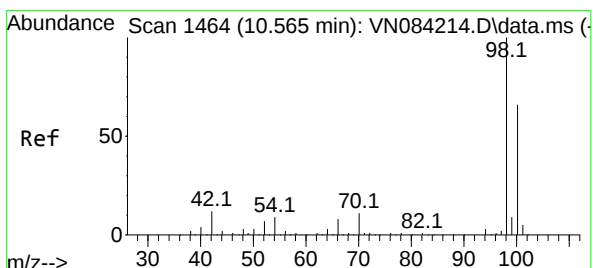
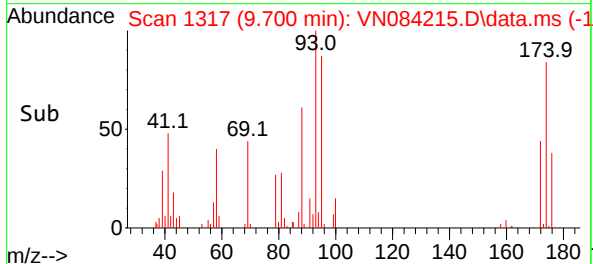
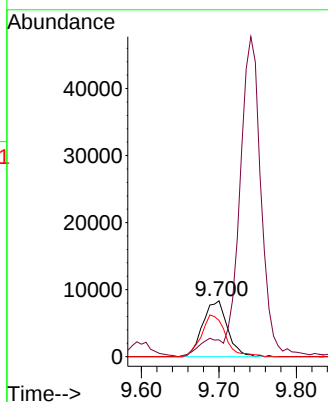
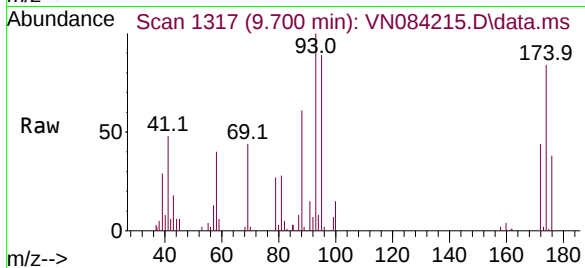
Tgt Ion: 88 Resp: 18411

Ion Ratio Lower Upper

88 100

43 22.7 25.3 37.9#

58 72.9 56.4 84.6



#50

Toluene-d8

Concen: 20.483 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084215.D

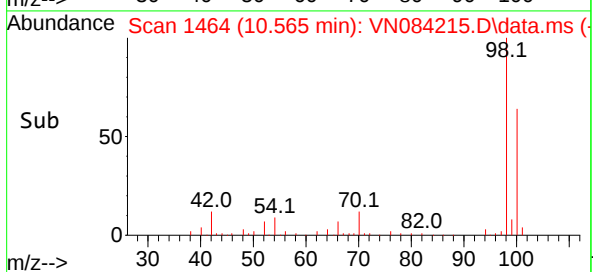
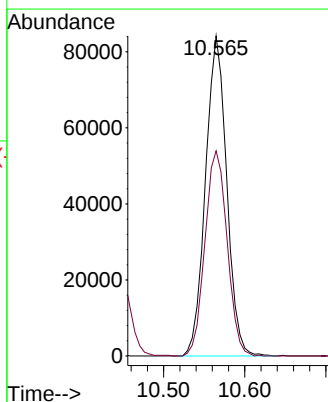
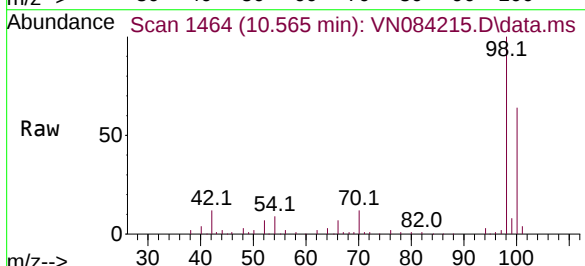
Acq: 30 Sep 2024 13:13

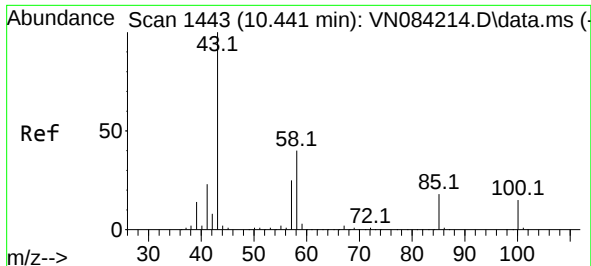
Tgt Ion: 98 Resp: 152668

Ion Ratio Lower Upper

98 100

100 67.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 109.132 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

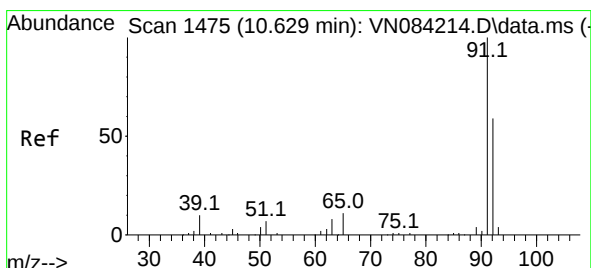
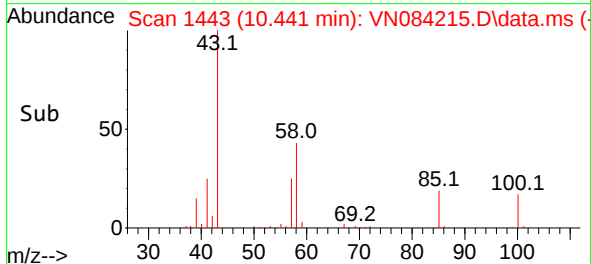
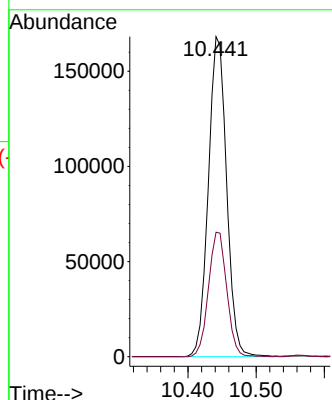
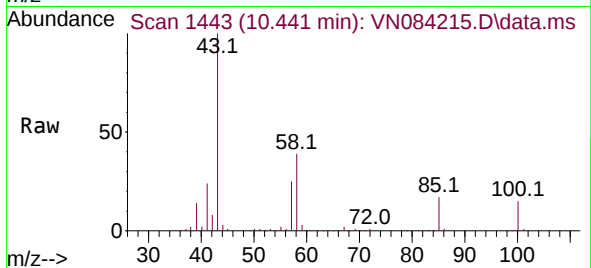
VSTDIC020

Tgt Ion: 43 Resp: 313636

Ion Ratio Lower Upper

43 100

58 38.9 31.6 47.4



#52

Toluene

Concen: 21.179 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084215.D

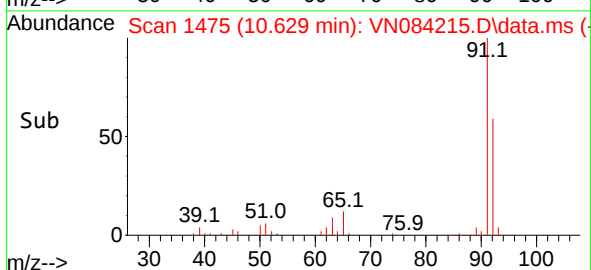
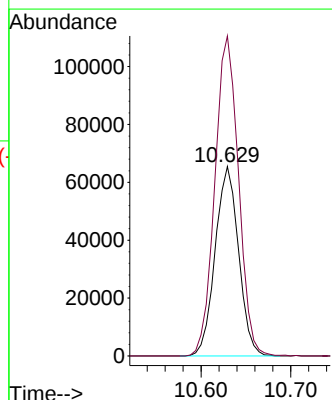
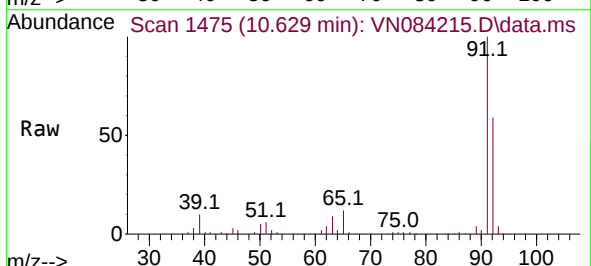
Acq: 30 Sep 2024 13:13

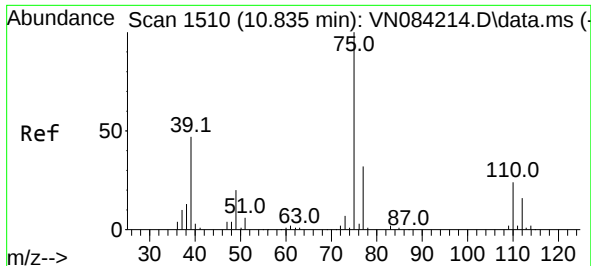
Tgt Ion: 92 Resp: 118412

Ion Ratio Lower Upper

92 100

91 171.0 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 21.240 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

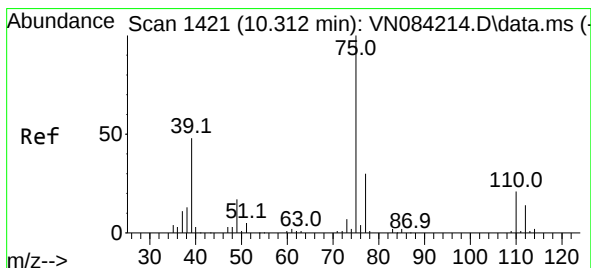
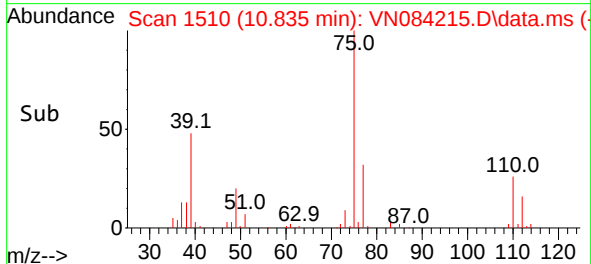
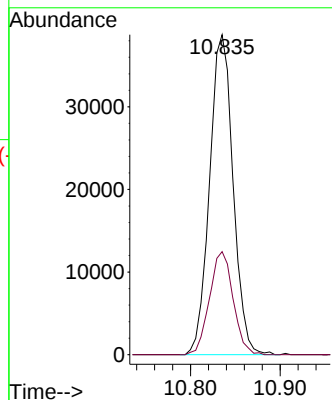
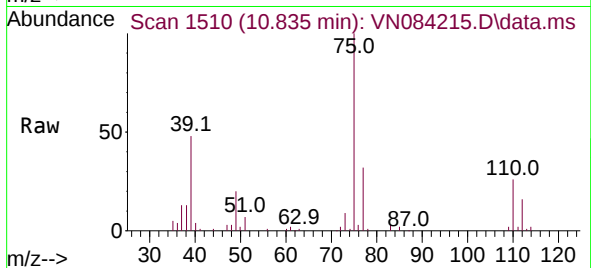
VSTDIC020

Tgt Ion: 75 Resp: 70403

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.973 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

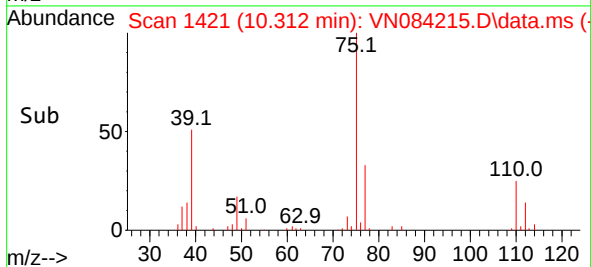
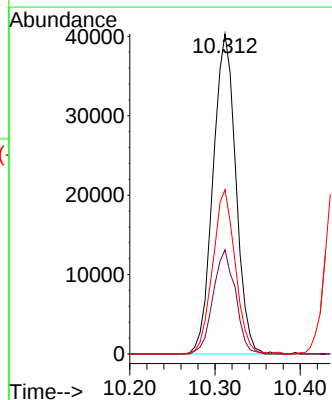
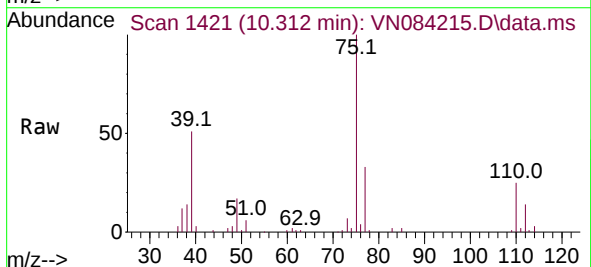
Tgt Ion: 75 Resp: 74778

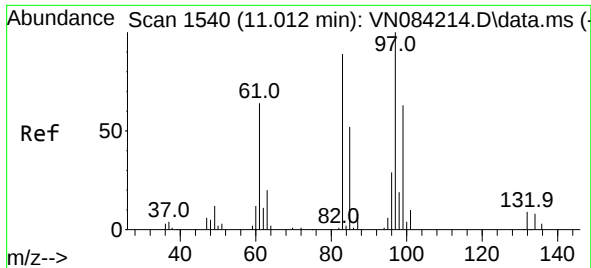
Ion Ratio Lower Upper

75 100

77 32.6 24.2 36.2

39 51.4 38.7 58.1



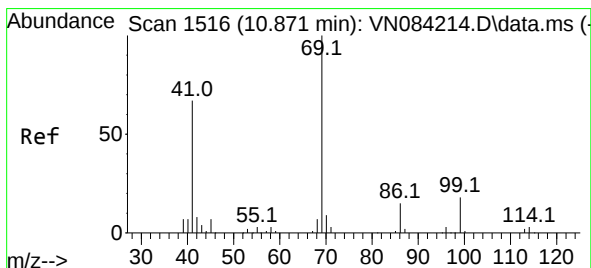
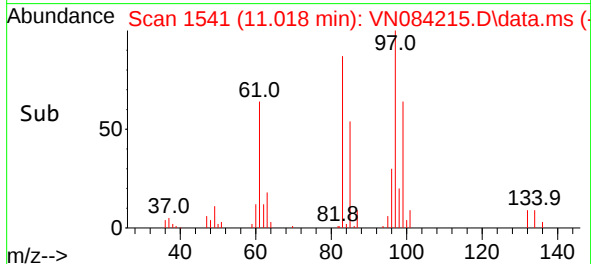
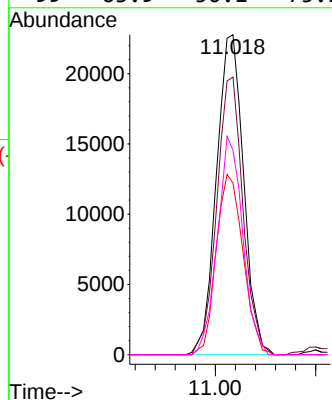
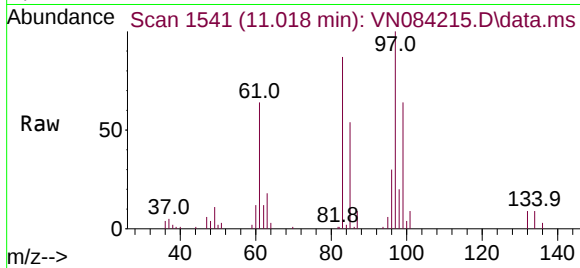


#55
1,1,2-Trichloroethane
Concen: 21.270 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 42631

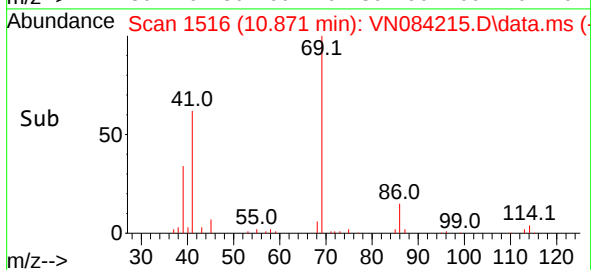
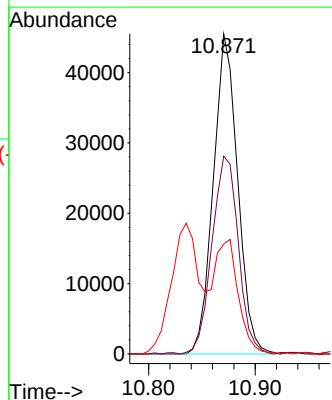
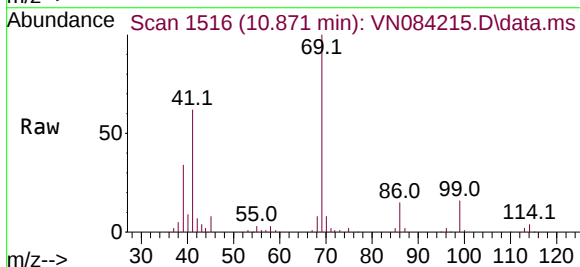
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.0	106.4
85	53.6	41.7	62.5
99	63.9	50.1	75.1

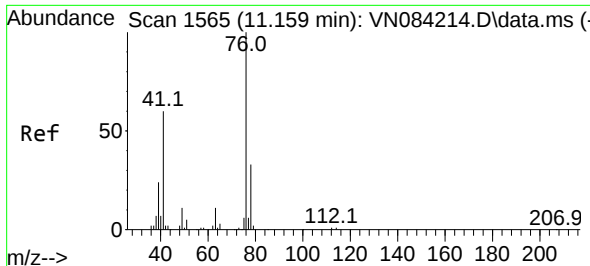


#56
Ethyl methacrylate
Concen: 21.880 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 69 Resp: 72159

Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.3	79.9
39	36.6	28.8	43.2

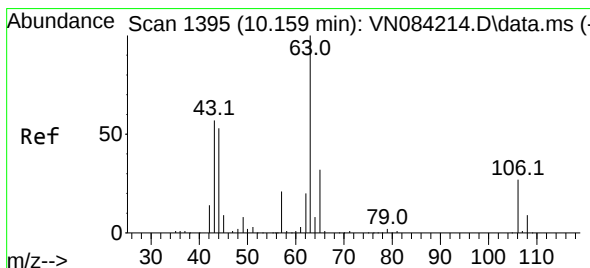
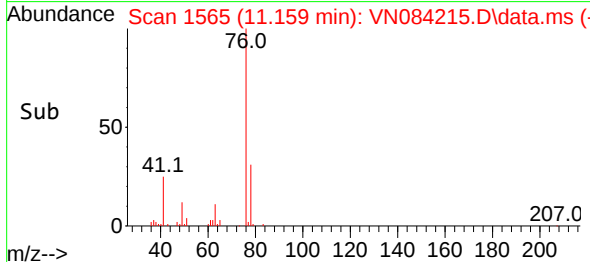
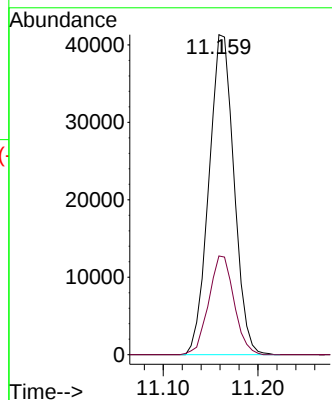
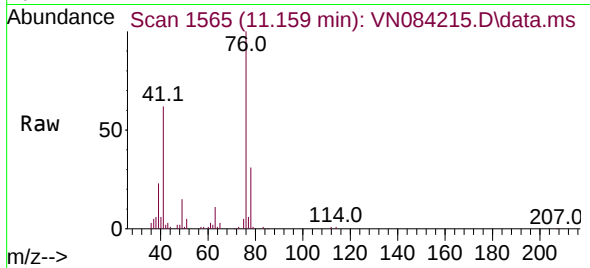




#57
1,3-Dichloropropane
Concen: 21.197 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

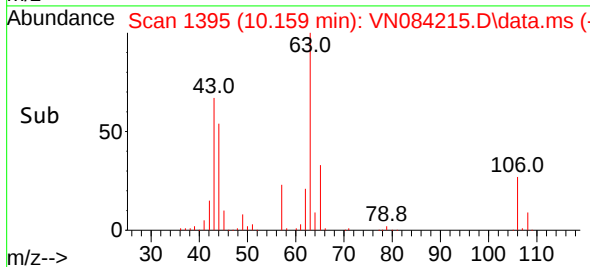
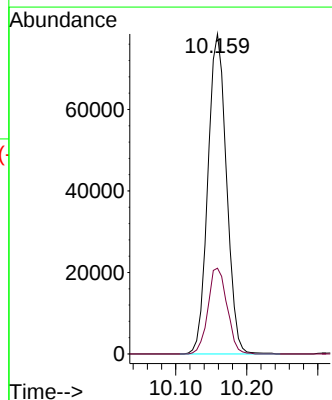
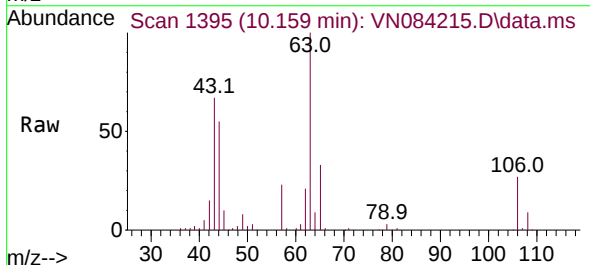
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

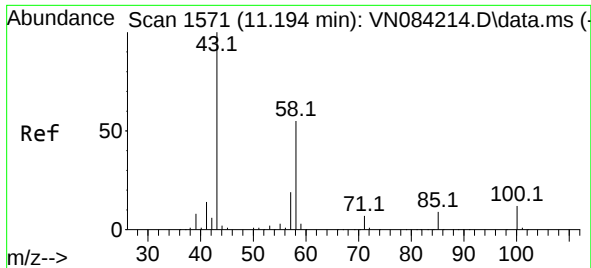
Tgt Ion: 76 Resp: 75915
Ion Ratio Lower Upper
76 100
78 31.2 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 93.367 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 63 Resp: 142843
Ion Ratio Lower Upper
63 100
106 27.5 21.8 32.6

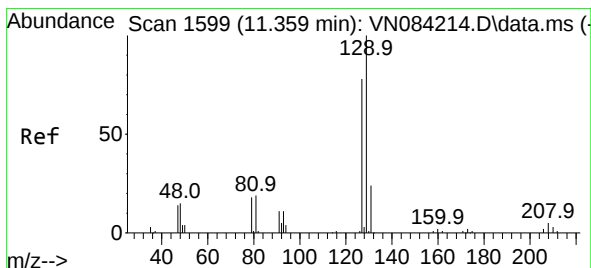
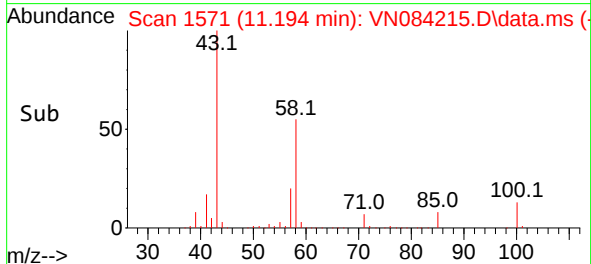
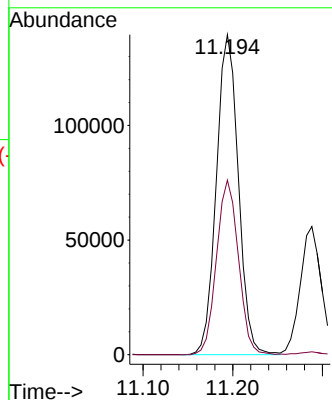
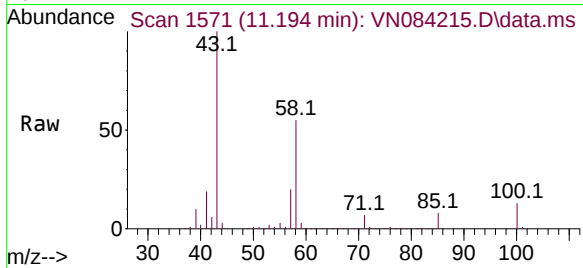




#59
2-Hexanone
Concen: 110.658 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

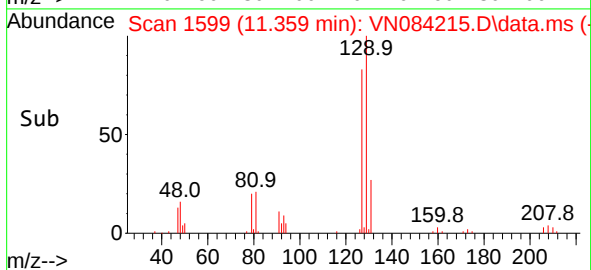
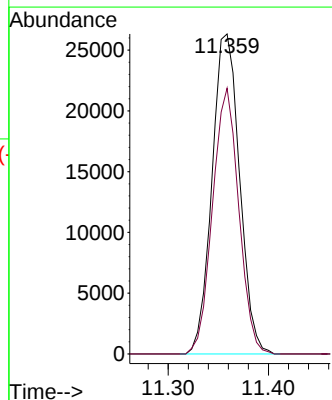
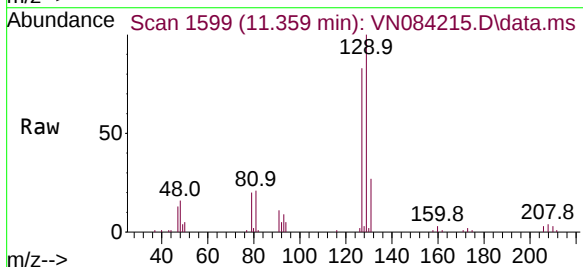
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

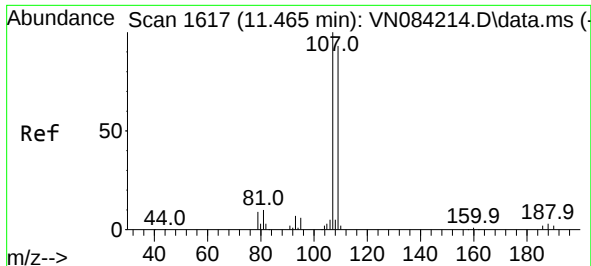
Tgt Ion: 43 Resp: 237694
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8



#60
Dibromochloromethane
Concen: 21.251 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:129 Resp: 50326
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9

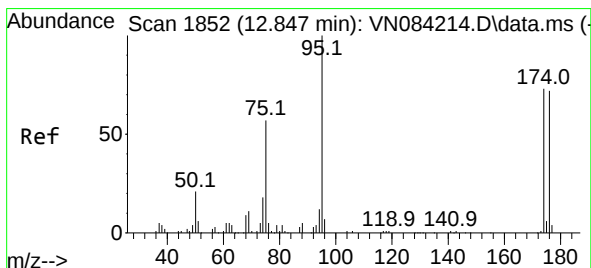
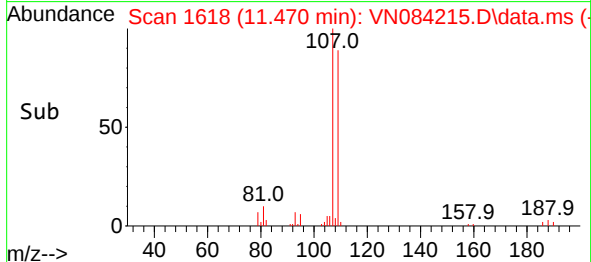
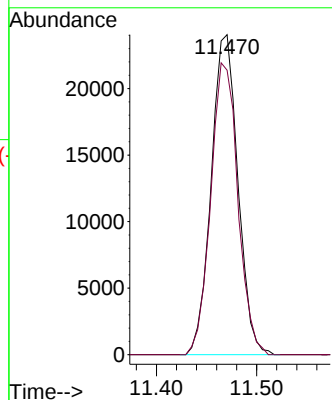
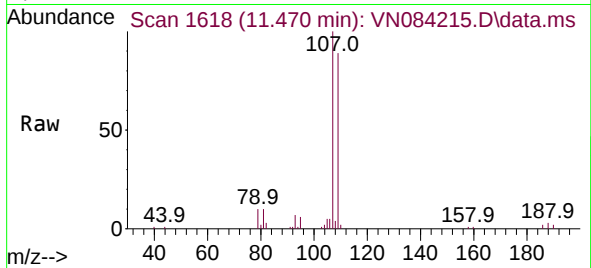




#61
1,2-Dibromoethane
Concen: 21.393 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

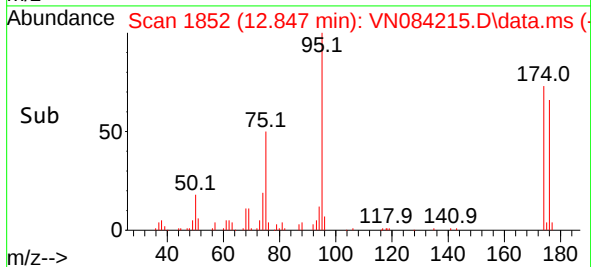
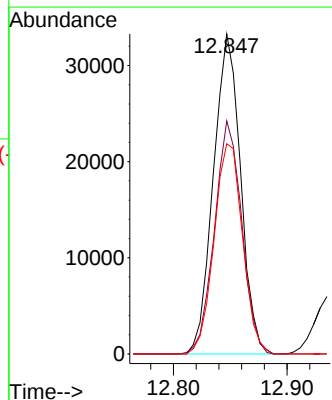
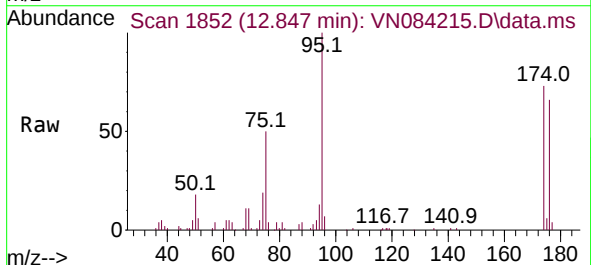
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

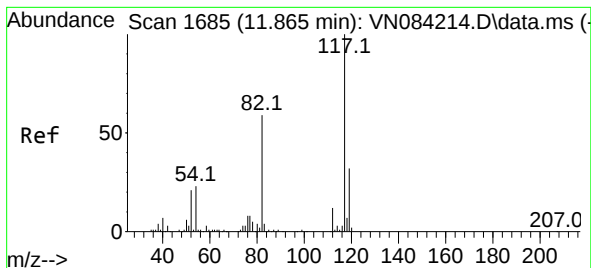
Tgt Ion:107 Resp: 44554
Ion Ratio Lower Upper
107 100
109 92.5 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 20.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 95 Resp: 55201
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.2
176 68.9 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

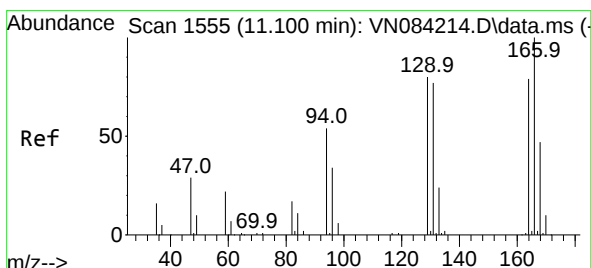
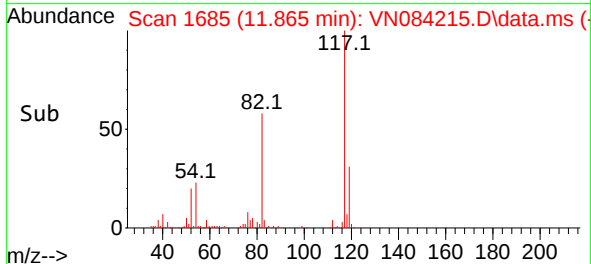
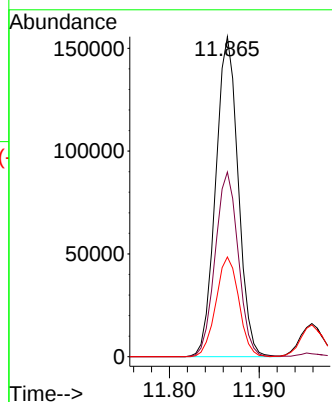
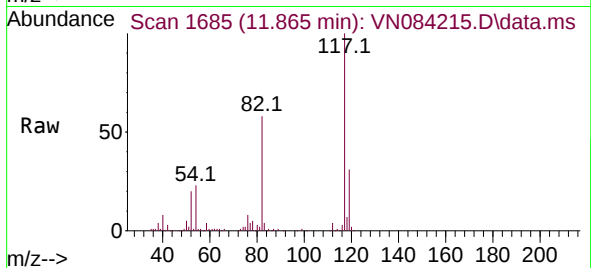
Tgt Ion:117 Resp: 270754

Ion Ratio Lower Upper

117 100

82 57.7 47.2 70.8

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 20.179 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Tgt Ion:164 Resp: 38055

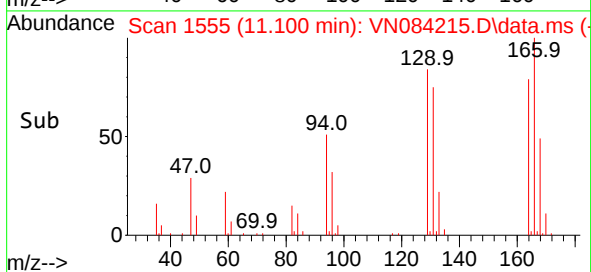
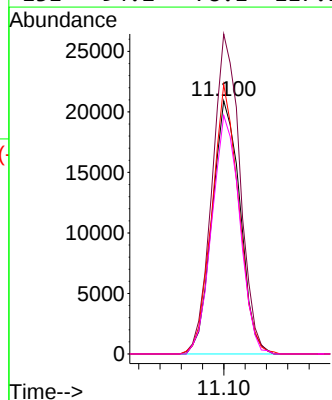
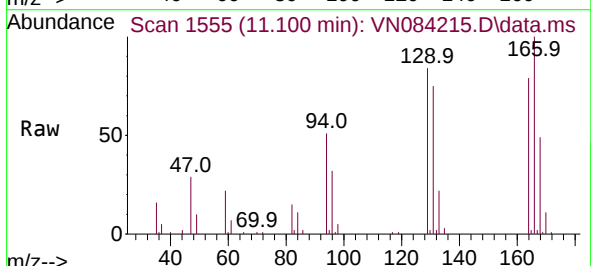
Ion Ratio Lower Upper

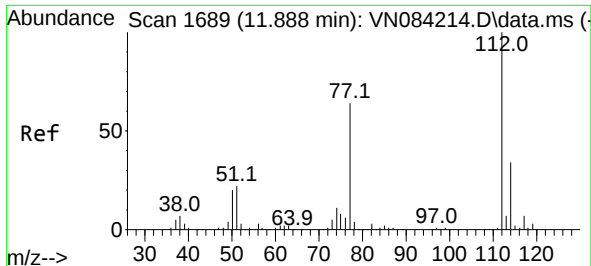
164 100

166 126.4 101.0 151.4

129 106.4 80.8 121.2

131 94.2 78.1 117.1

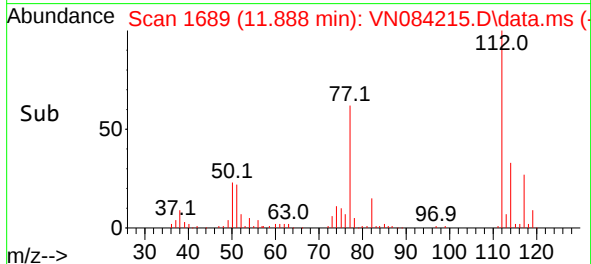
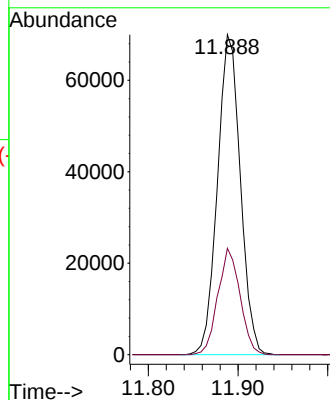
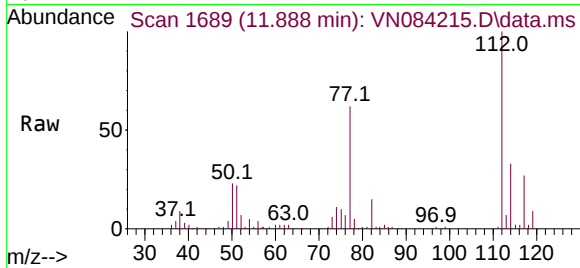




#65
Chlorobenzene
Concen: 20.620 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

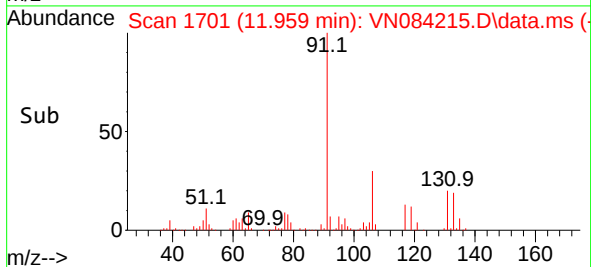
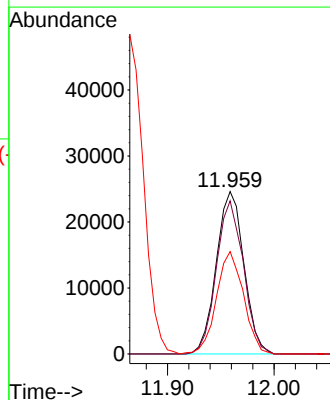
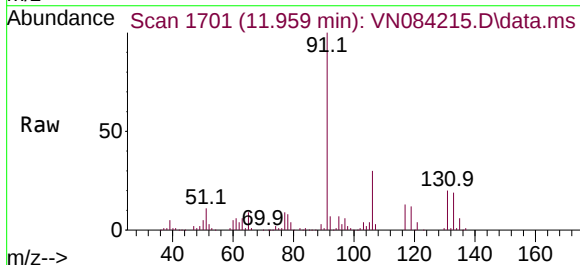
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 123787
Ion Ratio Lower Upper
112 100
114 33.3 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.417 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:131 Resp: 44285
Ion Ratio Lower Upper
131 100
133 92.4 47.9 143.7
119 62.0 32.8 98.3

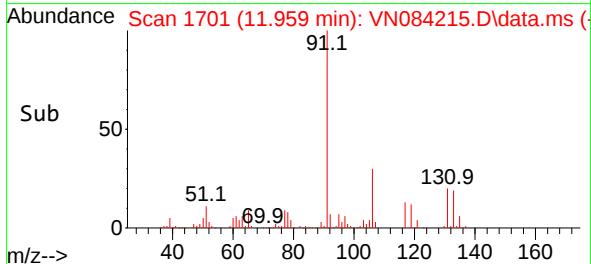
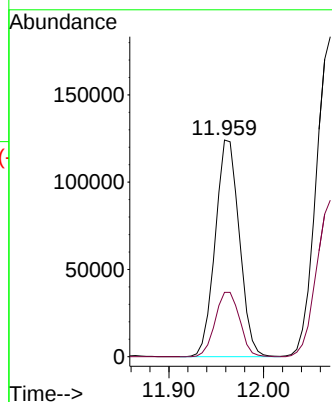
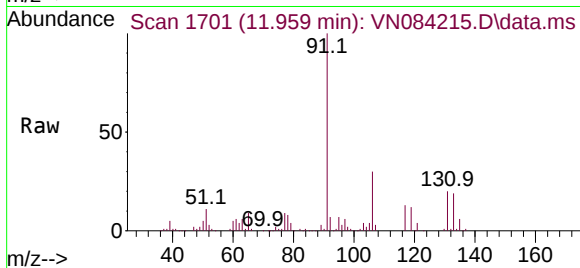




#67
Ethyl Benzene
Concen: 20.688 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

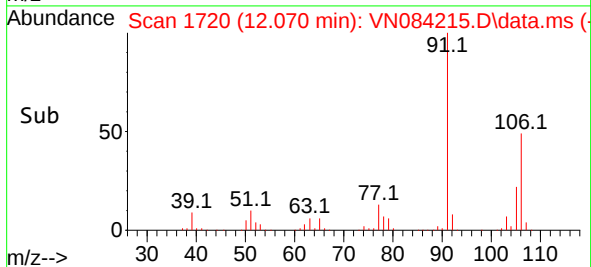
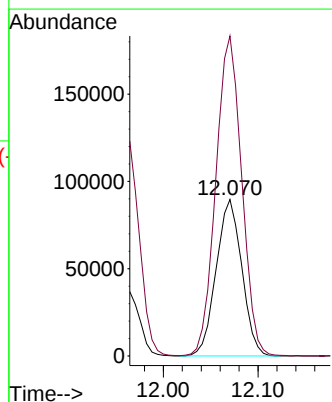
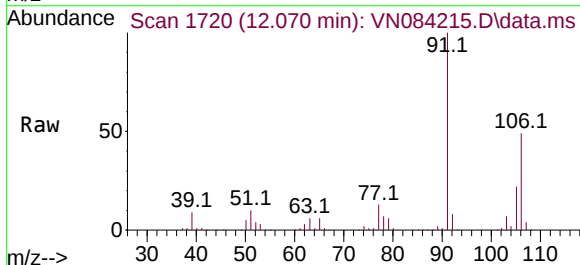
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

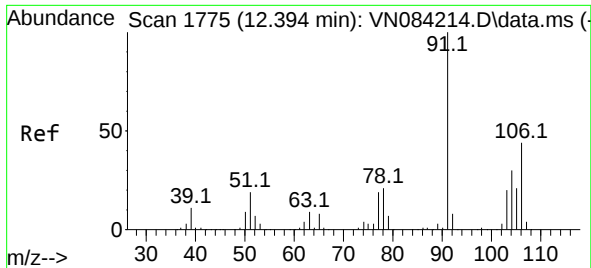
Tgt Ion: 91 Resp: 219635
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7



#68
m/p-Xylenes
Concen: 42.989 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:106 Resp: 168826
Ion Ratio Lower Upper
106 100
91 206.4 167.1 250.7

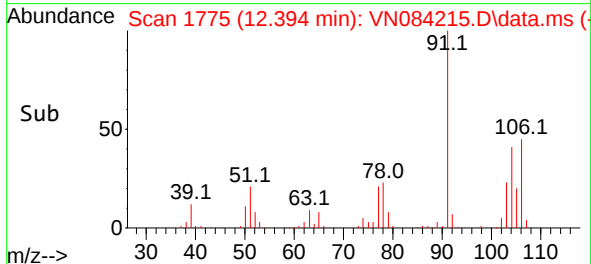
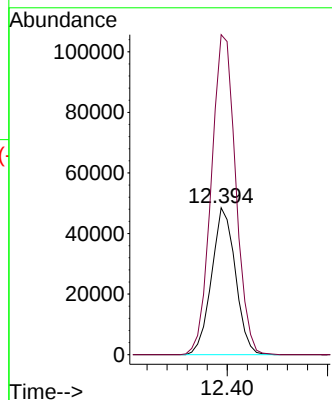
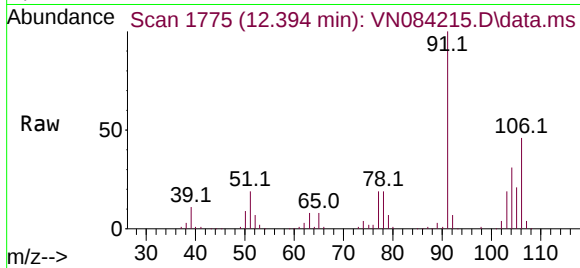




#69
o-Xylene
Concen: 21.503 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

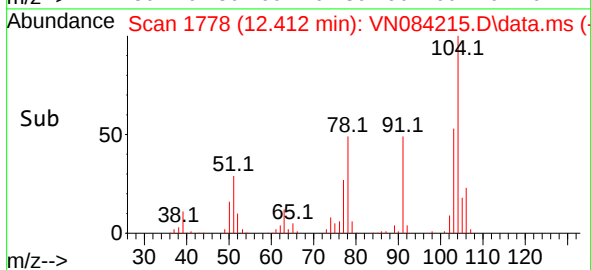
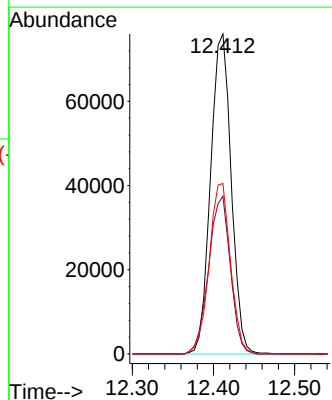
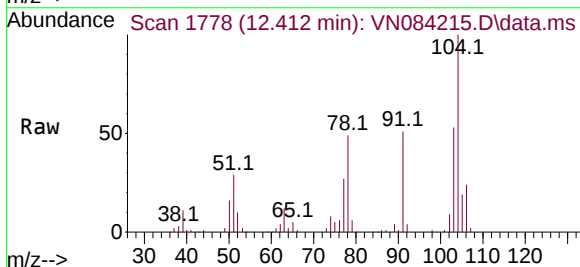
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

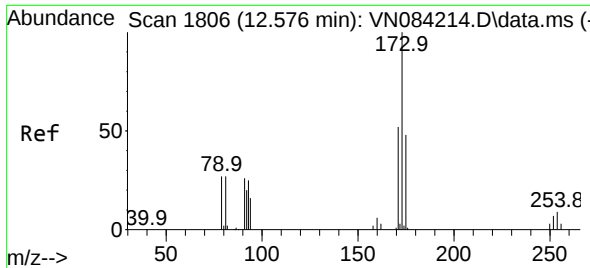
Tgt Ion:106 Resp: 79896
Ion Ratio Lower Upper
106 100
91 223.3 110.2 330.6



#70
Styrene
Concen: 21.302 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:104 Resp: 134066
Ion Ratio Lower Upper
104 100
78 51.8 42.7 64.1
103 55.2 43.6 65.4

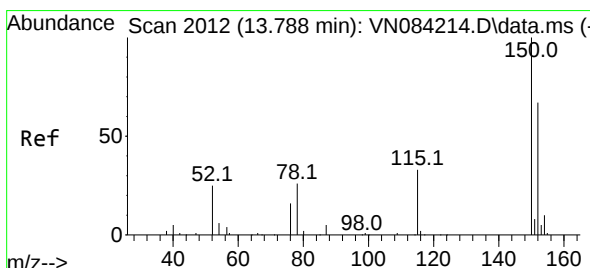
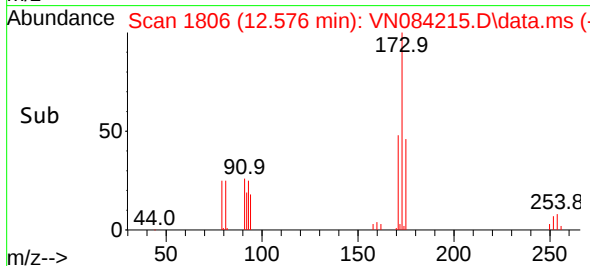
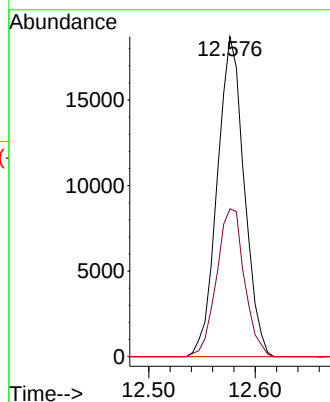
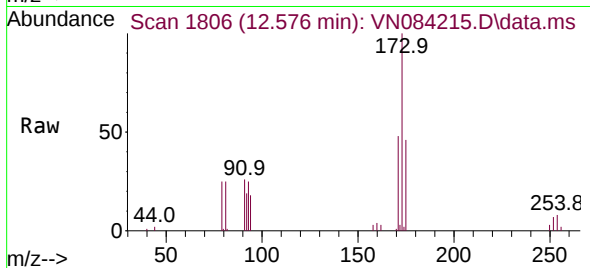




#71
Bromoform
Concen: 21.561 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

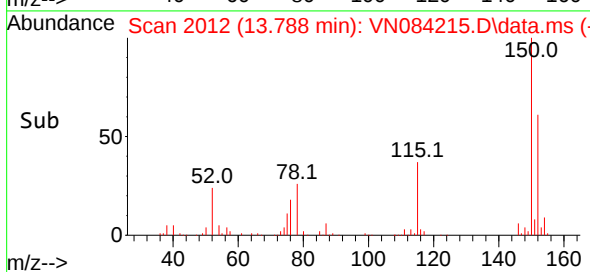
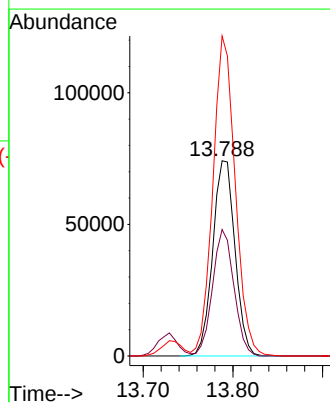
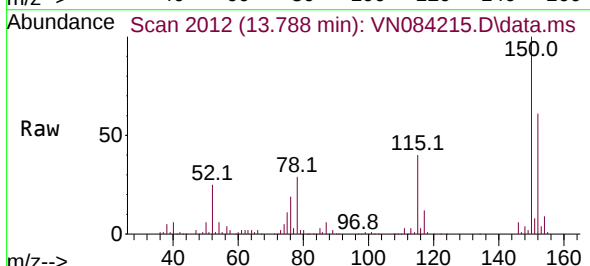
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

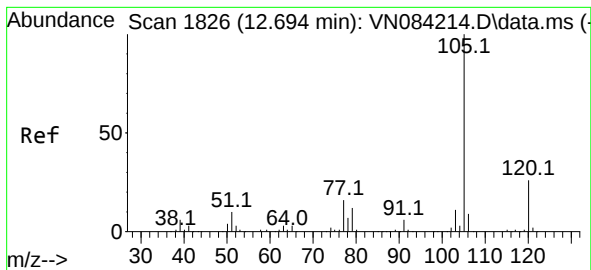
Tgt Ion:173 Resp: 32824
Ion Ratio Lower Upper
173 100
175 47.8 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:152 Resp: 127763
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 164.5 0.0 349.8





#73

Isopropylbenzene

Concen: 21.254 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

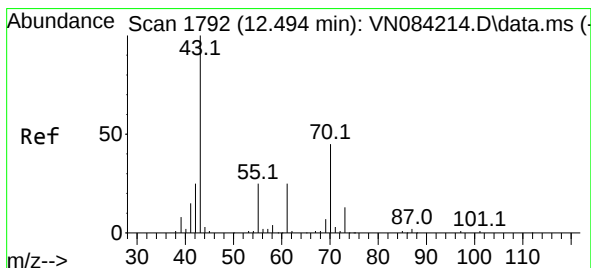
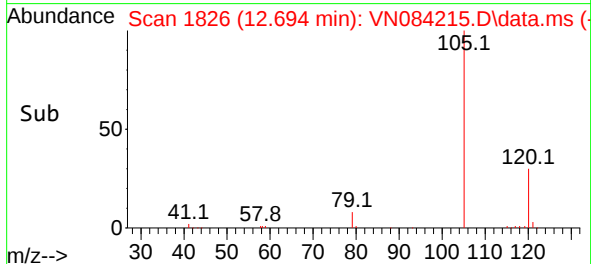
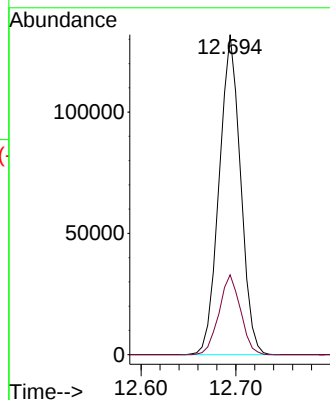
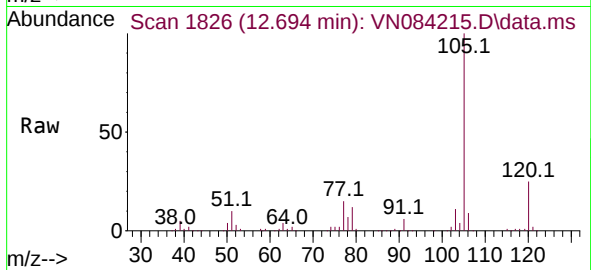
VSTDICC020

Tgt Ion:105 Resp: 207217

Ion Ratio Lower Upper

105 100

120 25.0 12.9 38.7



#74

N-ethyl acetate

Concen: 21.154 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Tgt Ion: 43 Resp: 93392

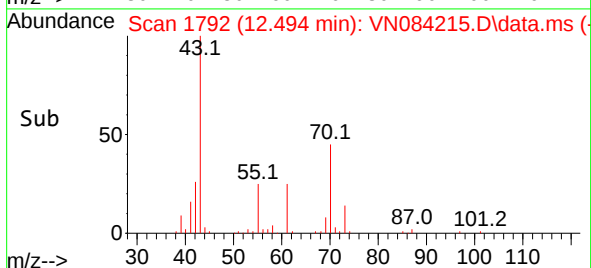
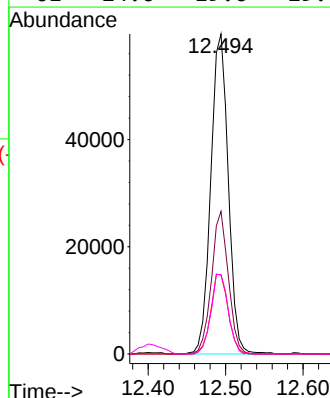
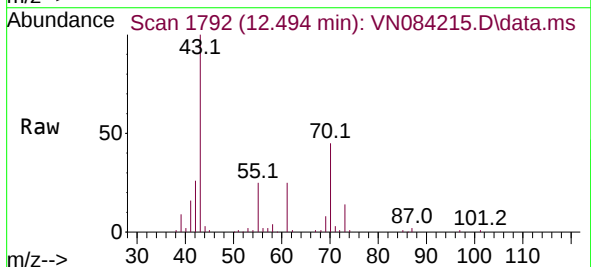
Ion Ratio Lower Upper

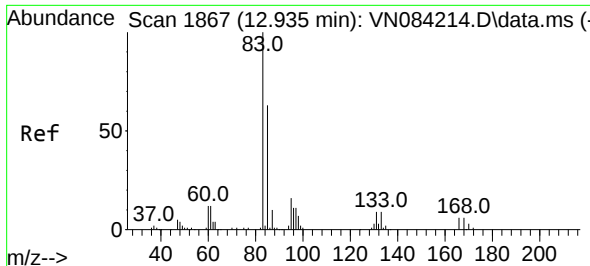
43 100

70 42.8 34.4 51.6

55 25.0 19.6 29.4

61 24.6 19.6 29.4

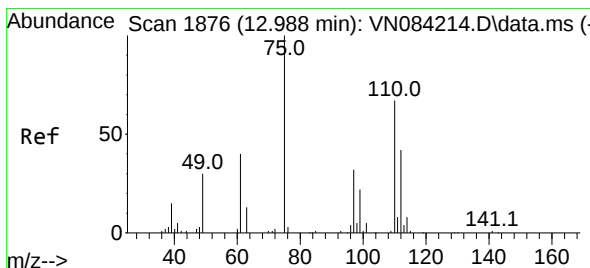
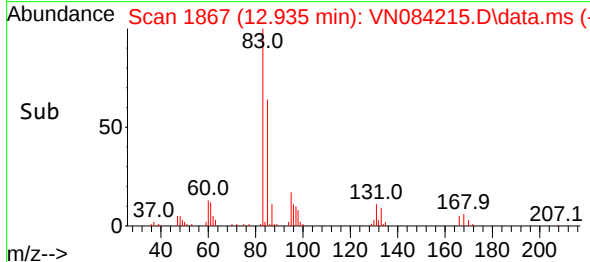
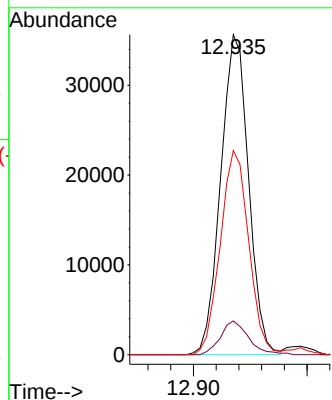
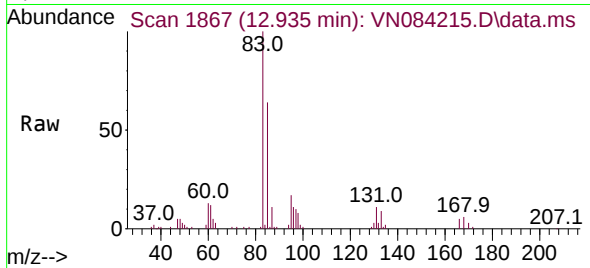




#75
1,1,2,2-Tetrachloroethane
Concen: 20.690 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

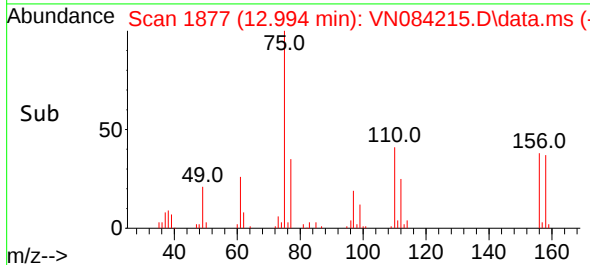
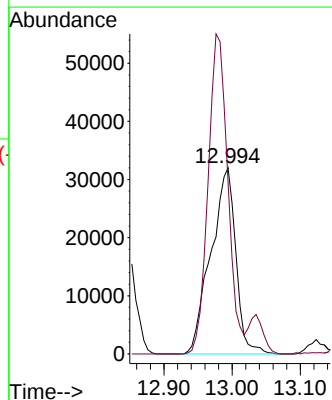
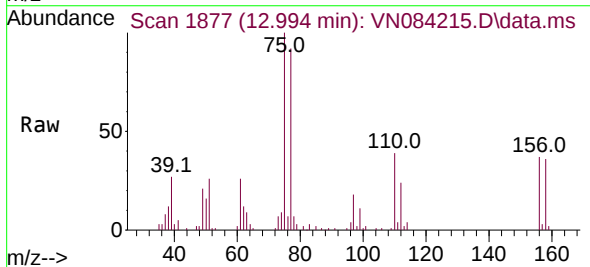
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

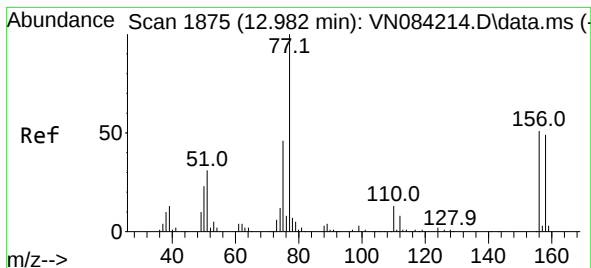
Tgt Ion: 83 Resp: 60656
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 65.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 31.983 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 75 Resp: 81444
Ion Ratio Lower Upper
75 100
77 136.1 96.9 290.7





#77

Bromobenzene

Concen: 20.752 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

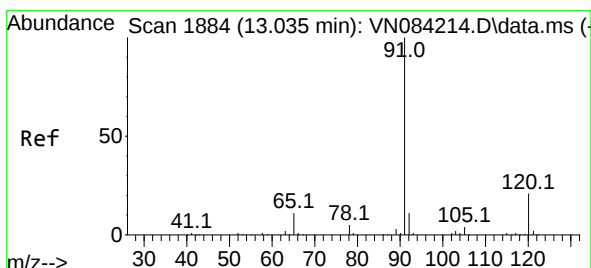
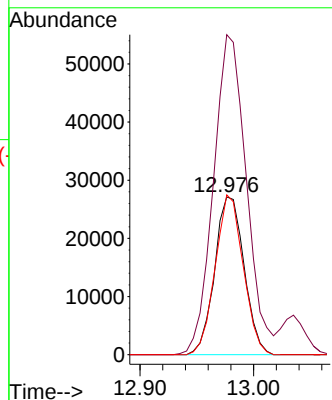
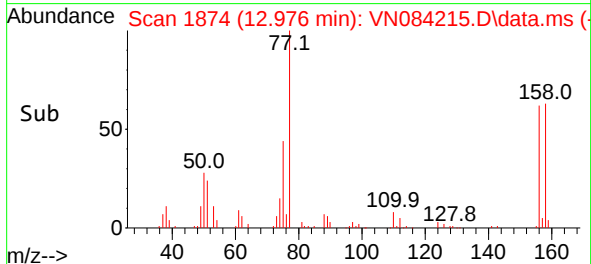
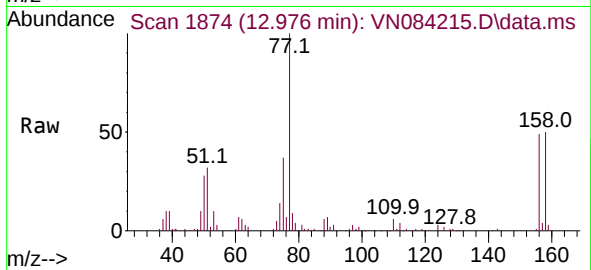
Tgt Ion:156 Resp: 48803

Ion Ratio Lower Upper

156 100

77 227.1 115.1 345.3

158 96.5 48.9 146.8



#78

n-propylbenzene

Concen: 21.350 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084215.D

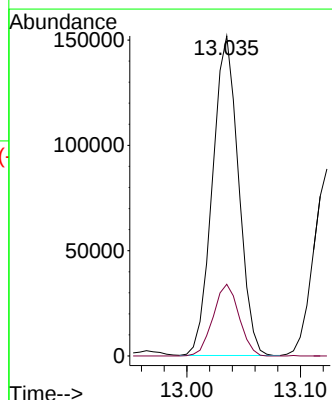
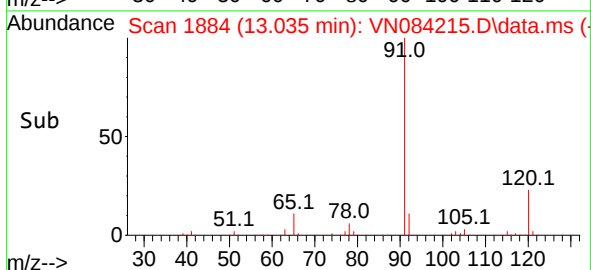
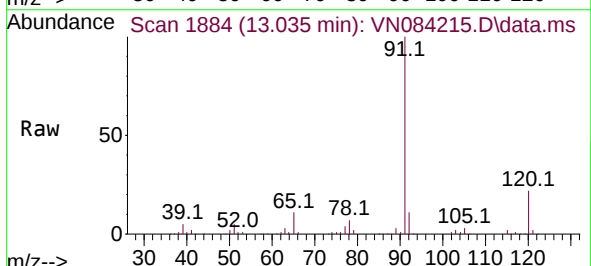
Acq: 30 Sep 2024 13:13

Tgt Ion: 91 Resp: 241164

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4

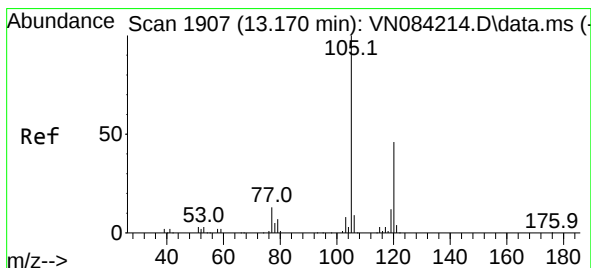
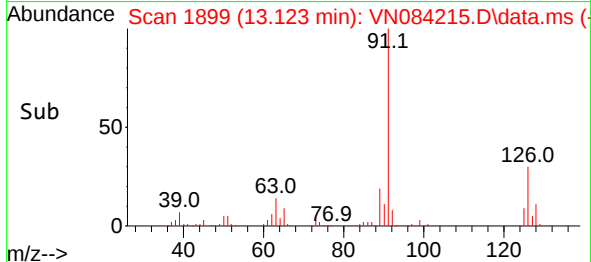
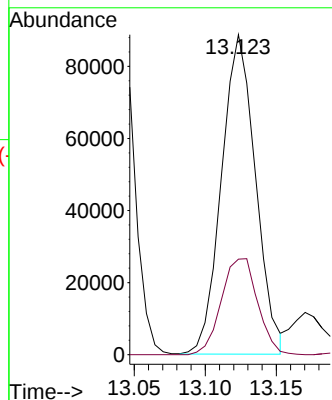
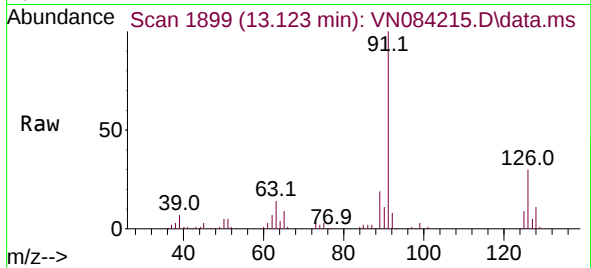




#79
2-Chlorotoluene
Concen: 20.497 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

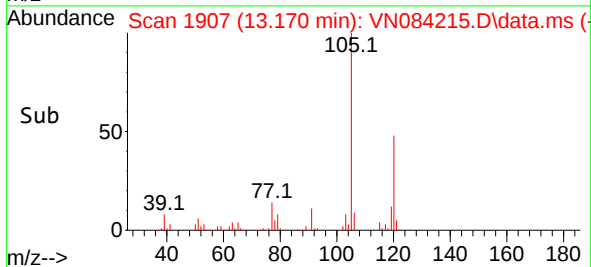
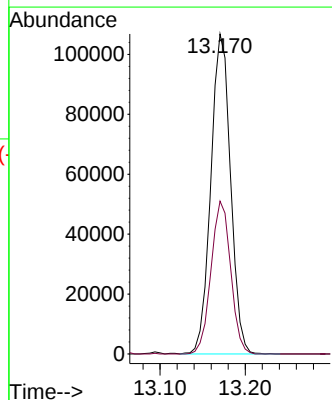
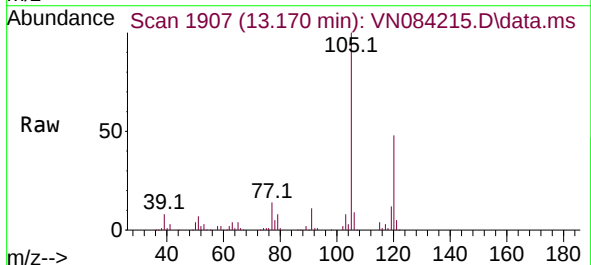
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 147738
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 21.577 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:105 Resp: 171600
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1

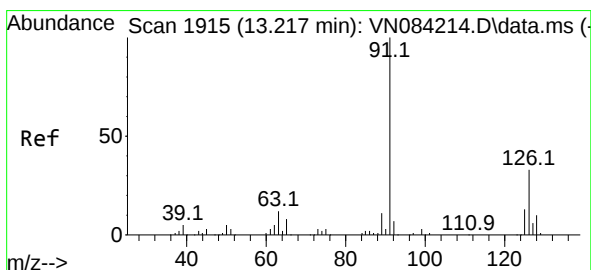
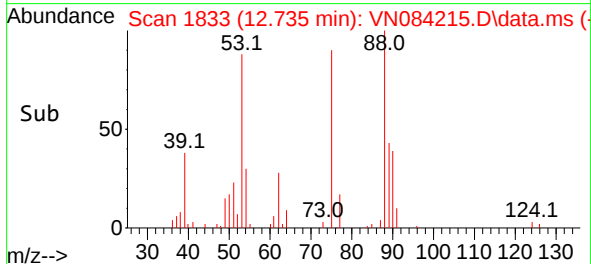
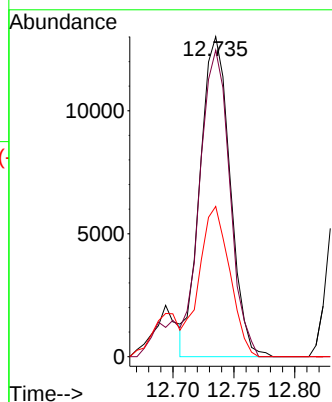
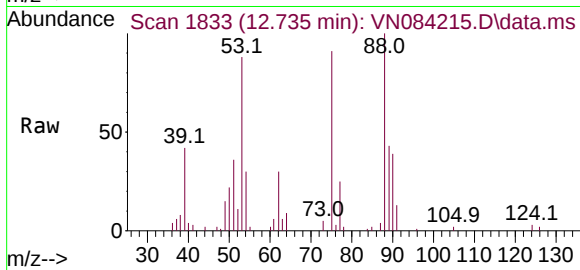




#81
trans-1,4-Dichloro-2-butene
Concen: 20.426 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

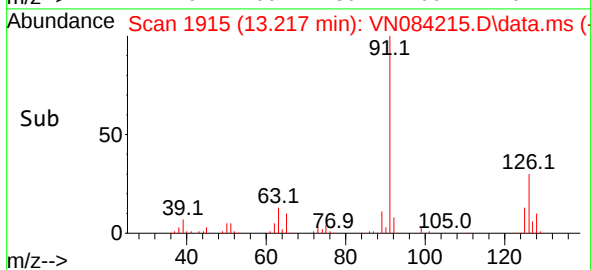
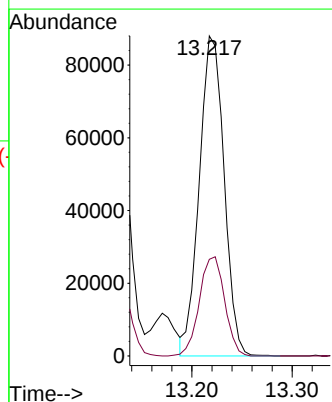
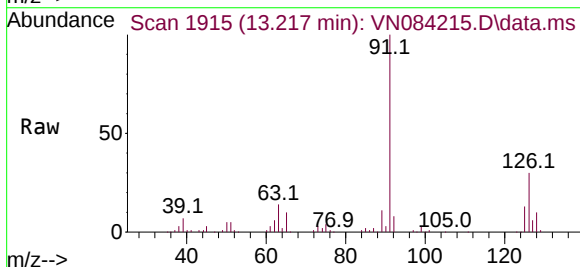
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

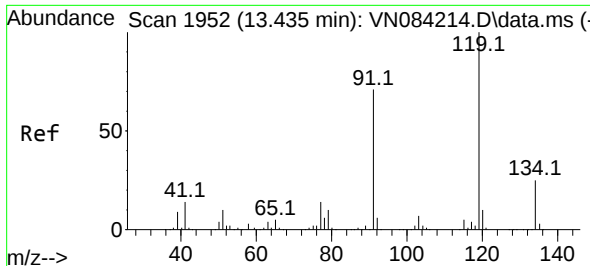
Tgt Ion: 75 Resp: 22222
Ion Ratio Lower Upper
75 100
53 105.8 78.0 117.0
89 48.1 35.5 53.3



#82
4-Chlorotoluene
Concen: 20.864 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 91 Resp: 151387
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1

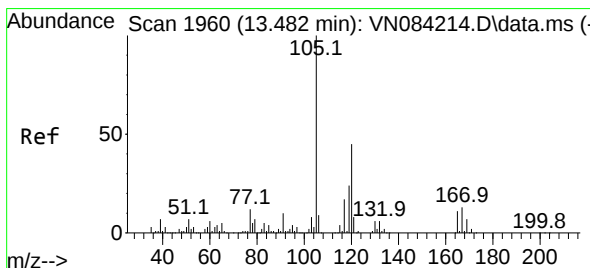
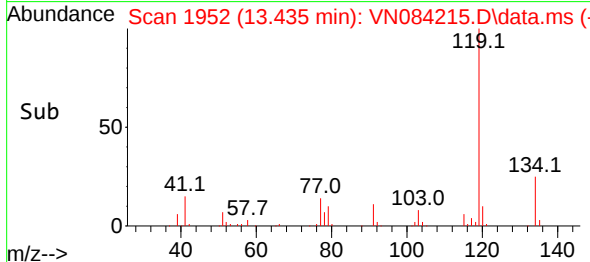
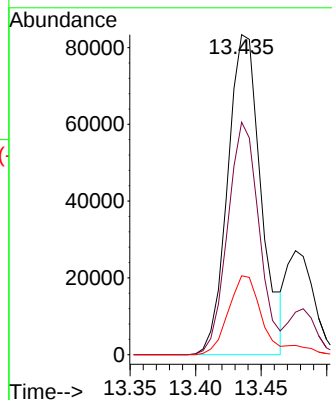
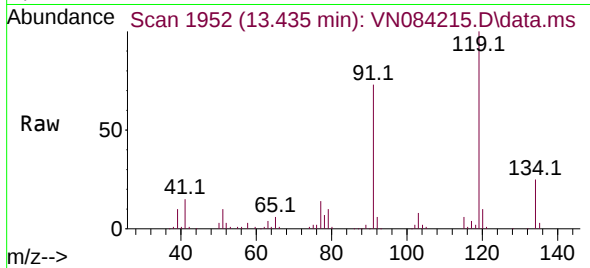




#83
tert-Butylbenzene
Concen: 20.899 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

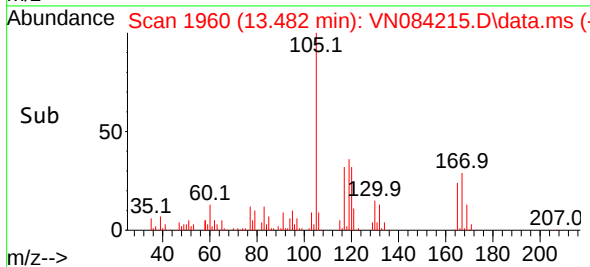
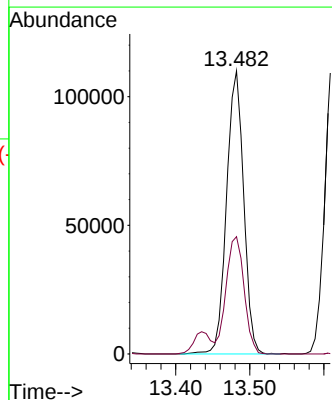
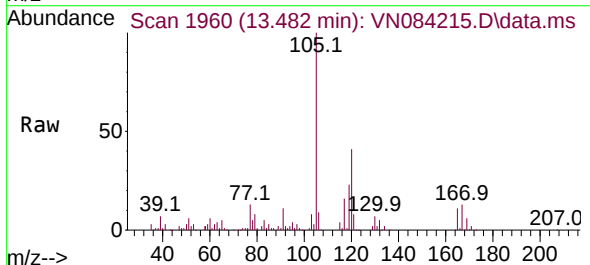
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 147727
Ion Ratio Lower Upper
119 100
91 68.9 34.1 102.3
134 25.9 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 22.004 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:105 Resp: 176283
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8

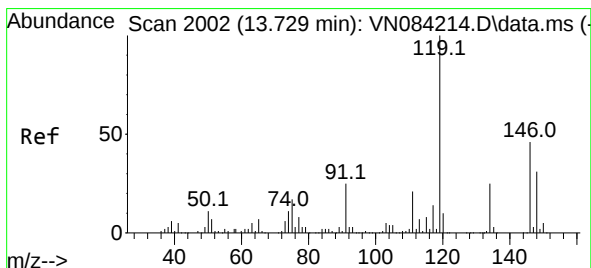
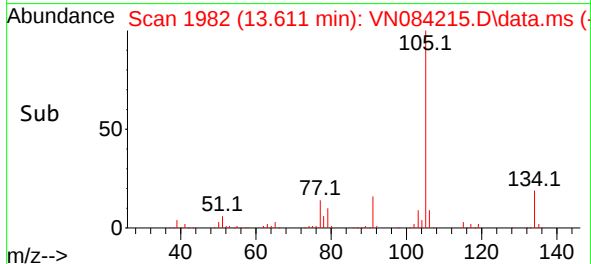
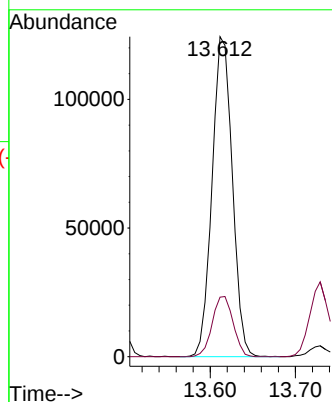
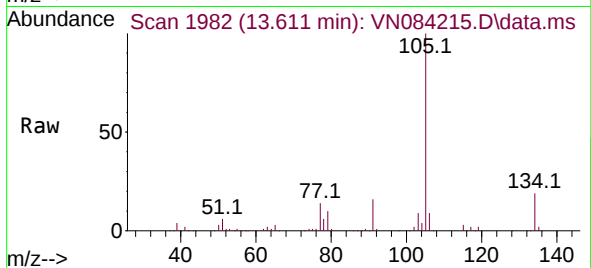




#85
 sec-Butylbenzene
 Concen: 21.784 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

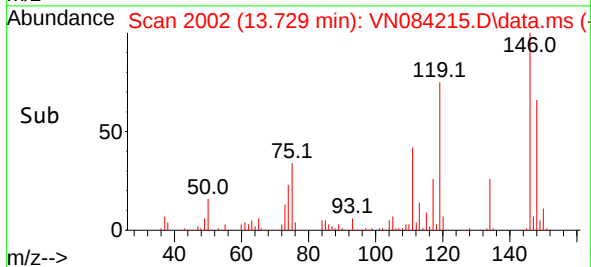
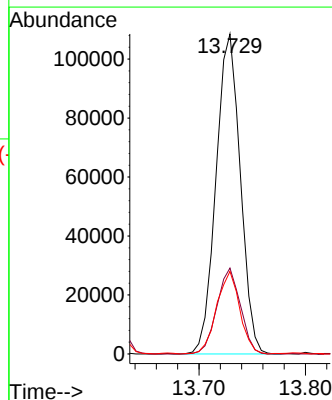
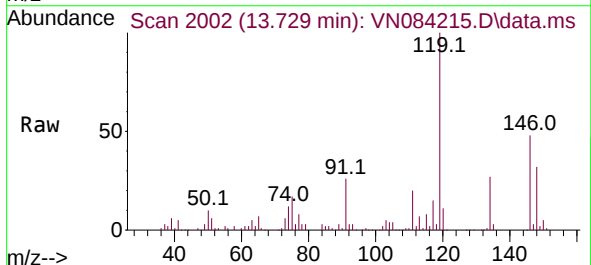
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

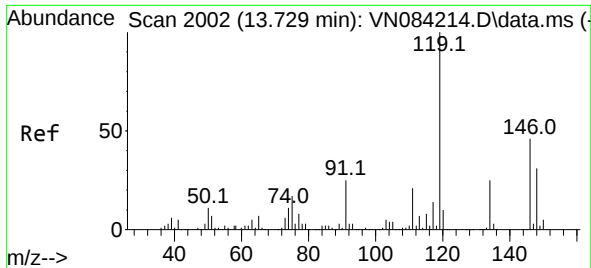
Tgt Ion:105 Resp: 205477
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 22.022 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

Tgt Ion:119 Resp: 171766
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.7 12.4 37.2

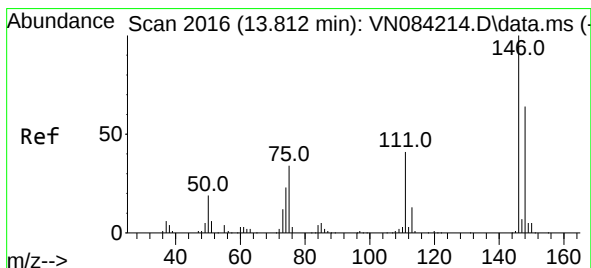
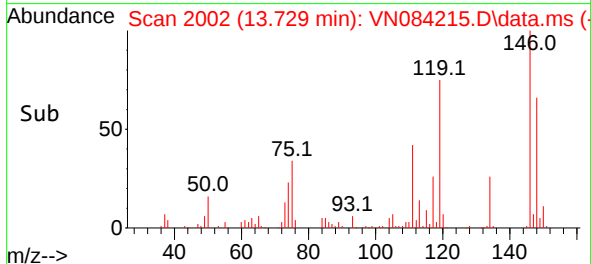
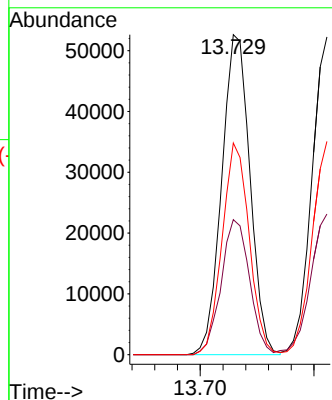
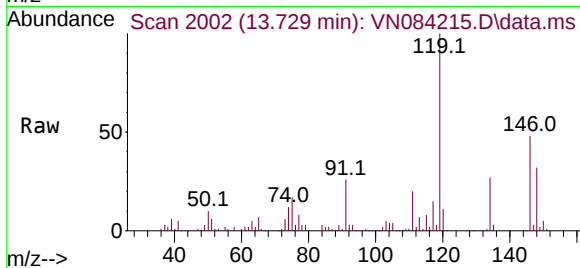




#87
 1,3-Dichlorobenzene
 Concen: 20.620 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

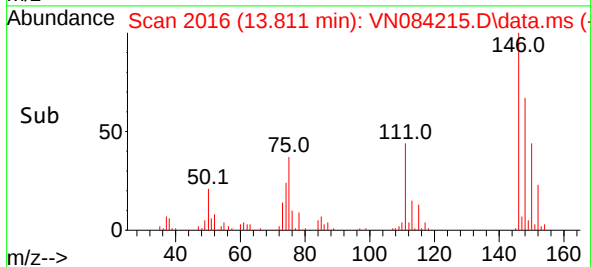
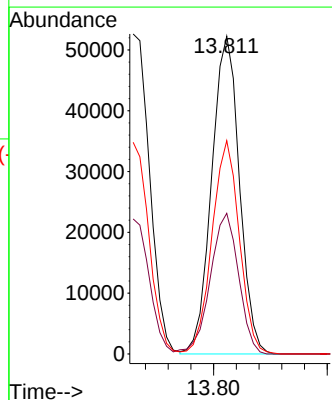
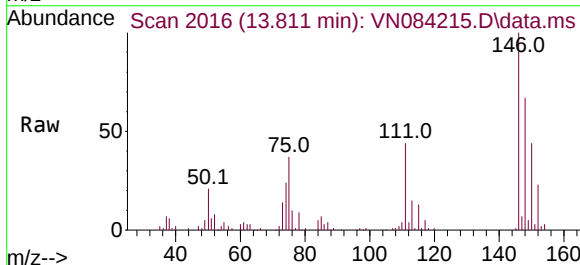
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

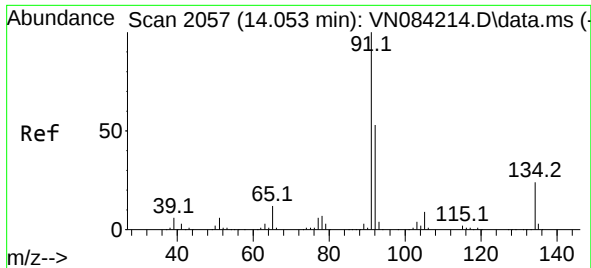
Tgt Ion:146 Resp: 90970
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.8 65.3
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.893 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084215.D
 Acq: 30 Sep 2024 13:13

Tgt Ion:146 Resp: 88628
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.2 63.6
 148 66.2 31.9 95.9

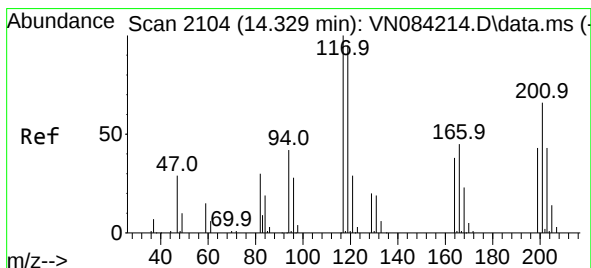
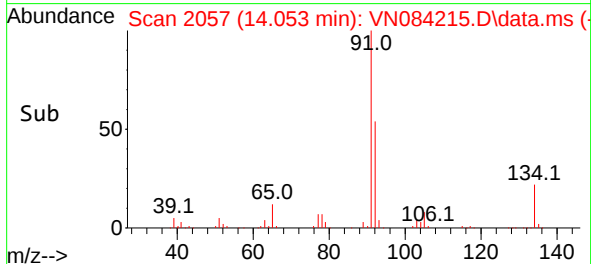
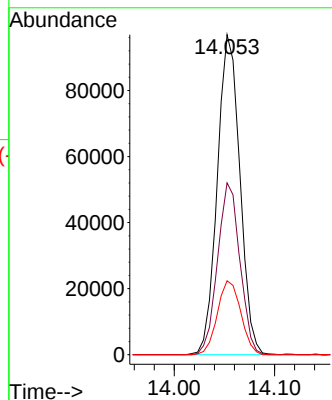
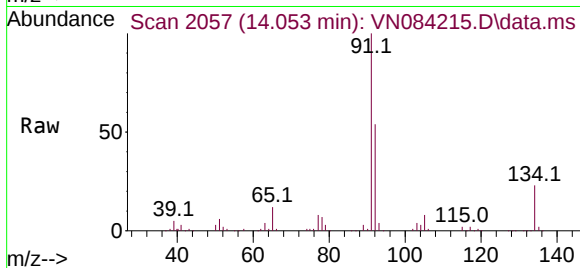




#89
n-Butylbenzene
Concen: 21.398 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

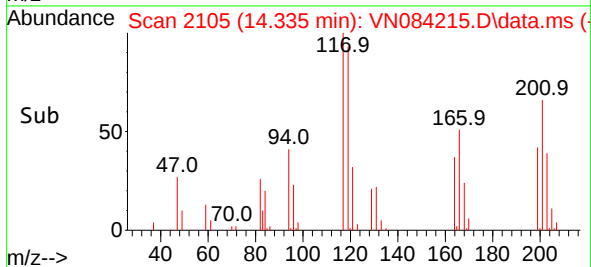
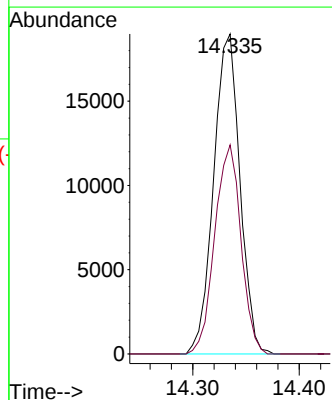
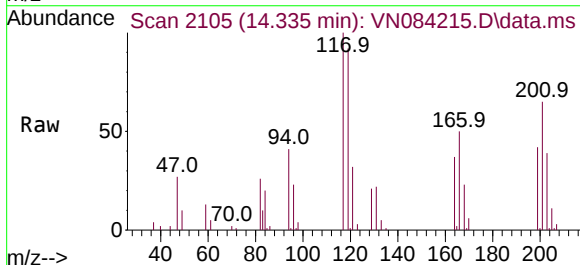
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

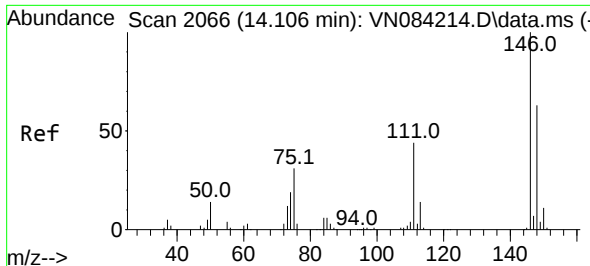
Tgt Ion: 91 Resp: 151334
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 23.9 12.3 36.9



#90
Hexachloroethane
Concen: 20.562 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion: 117 Resp: 32554
Ion Ratio Lower Upper
117 100
201 65.1 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 20.560 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

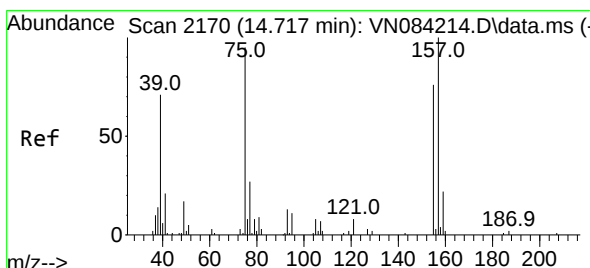
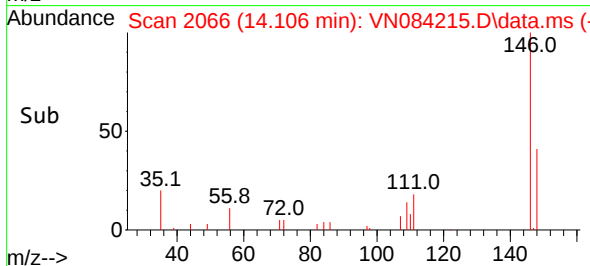
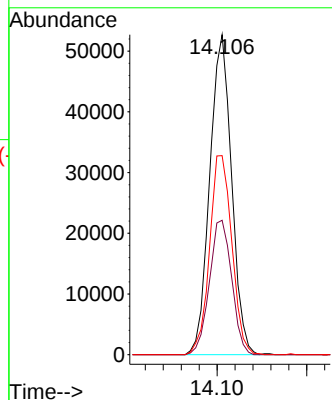
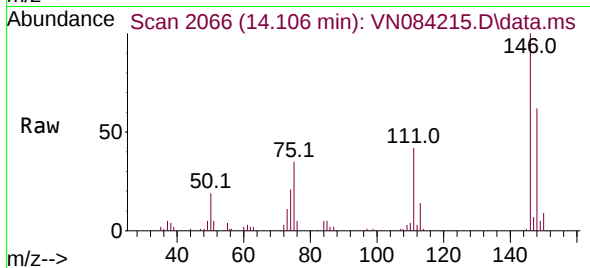
Tgt Ion:146 Resp: 88942

Ion Ratio Lower Upper

146 100

111 42.8 22.0 66.0

148 63.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.347 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

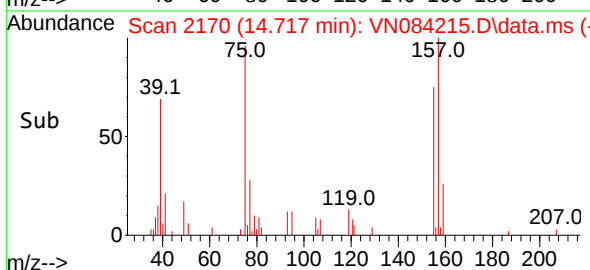
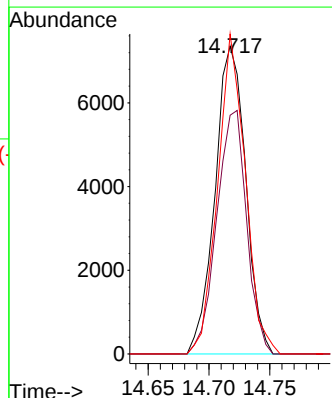
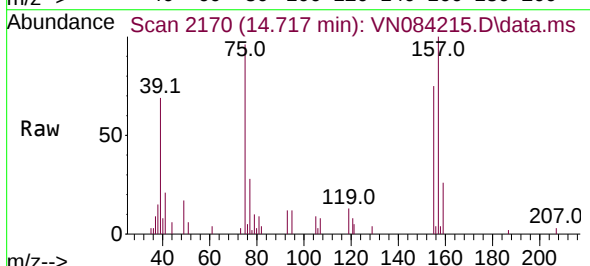
Tgt Ion: 75 Resp: 12914

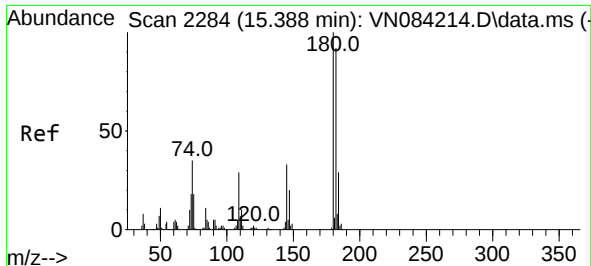
Ion Ratio Lower Upper

75 100

155 76.9 38.1 114.5

157 93.4 49.6 149.0

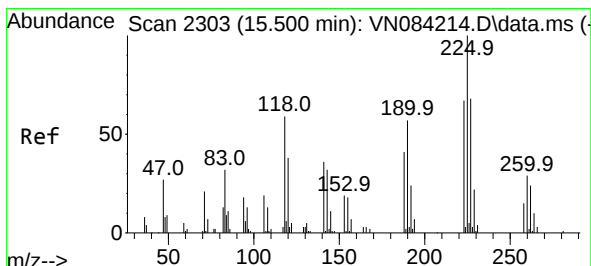
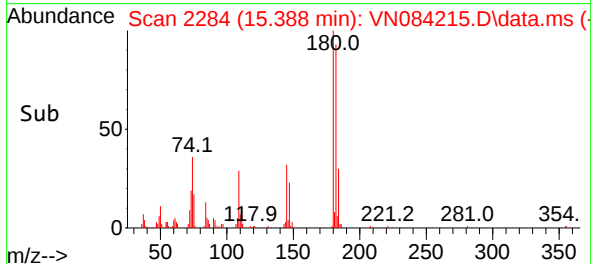
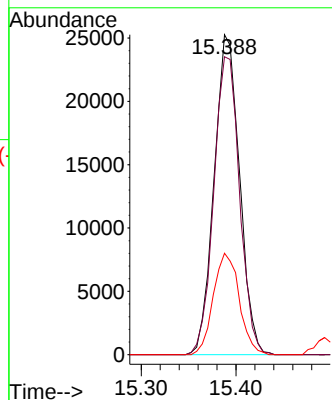
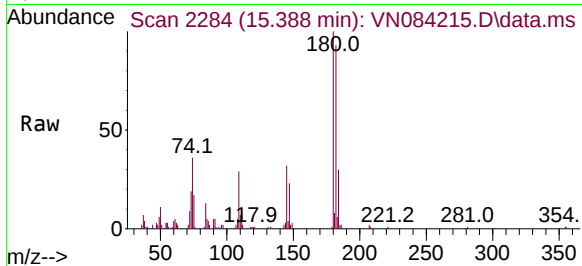




#93
1,2,4-Trichlorobenzene
Concen: 22.128 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

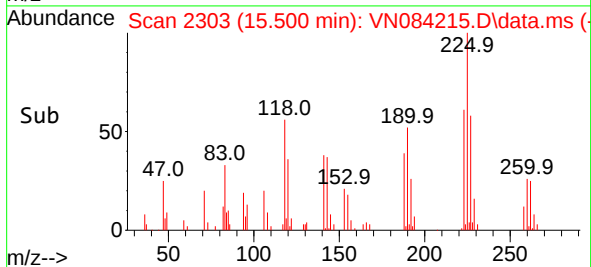
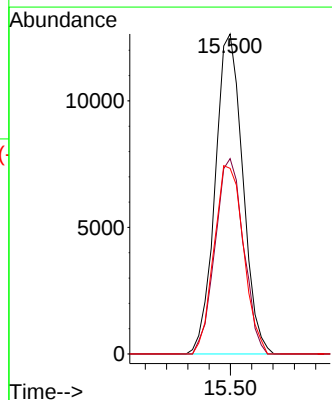
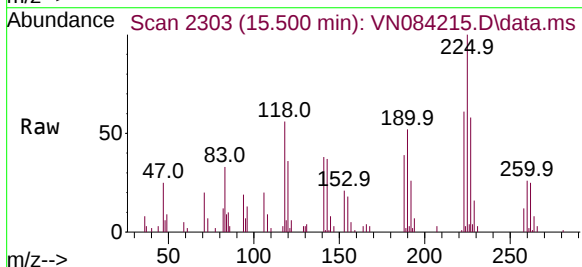
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

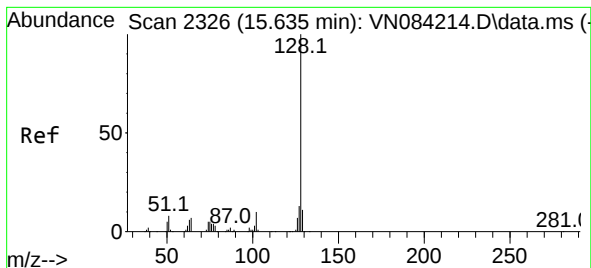
Tgt Ion:180 Resp: 47149
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 32.3 16.4 49.4



#94
Hexachlorobutadiene
Concen: 21.402 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084215.D
Acq: 30 Sep 2024 13:13

Tgt Ion:225 Resp: 22742
Ion Ratio Lower Upper
225 100
223 62.8 32.4 97.2
227 62.7 32.4 97.0





#95

Naphthalene

Concen: 21.233 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

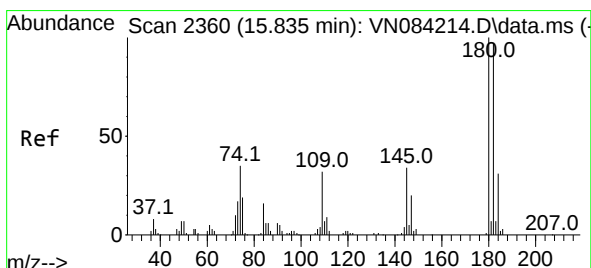
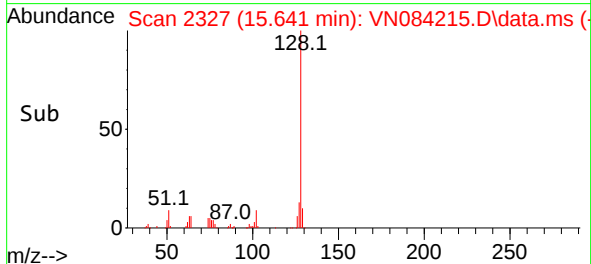
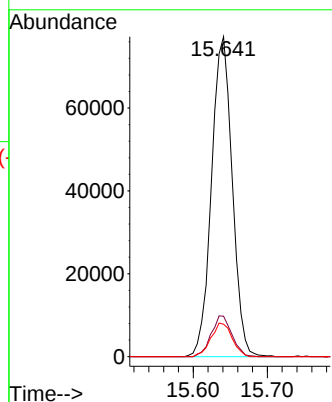
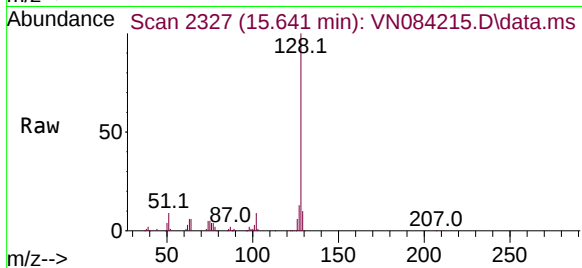
Tgt Ion:128 Resp: 149988

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.639 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084215.D

Acq: 30 Sep 2024 13:13

Tgt Ion:180 Resp: 46153

Ion Ratio Lower Upper

180 100

182 90.7 48.2 144.6

145 35.1 17.3 51.9

