

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086235.D
 Acq On : 07 Apr 2025 14:21
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 08 03:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	55738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	93388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	82443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	39236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	15020	21.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	42.600%#
35) Dibromofluoromethane	8.165	113	10201	21.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	43.220%#
50) Toluene-d8	10.565	98	39245	20.087	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.180%#
62) 4-Bromofluorobenzene	12.847	95	13817	20.010	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.020%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	7295	15.076	ug/l	85
3) Chloromethane	2.359	50	8445	15.462	ug/l	94
4) Vinyl Chloride	2.518	62	8168	16.714	ug/l	96
5) Bromomethane	2.965	94	5014	20.663	ug/l	97
6) Chloroethane	3.124	64	4627	16.007	ug/l	96
7) Trichlorofluoromethane	3.501	101	11069	15.532	ug/l	91
8) Diethyl Ether	3.953	74	3703	16.888	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	6519	17.495	ug/l	94
10) Methyl Iodide	4.595	142	8247	18.775	ug/l #	97
11) Tert butyl alcohol	5.512	59	5688	89.113	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	5977	15.865	ug/l	89
13) Acrolein	4.177	56	6114	61.896	ug/l #	57
14) Allyl chloride	5.018	41	8633	16.563	ug/l	89
15) Acrylonitrile	5.724	53	16639	86.308	ug/l	99
16) Acetone	4.424	43	13289	82.264	ug/l #	87
17) Carbon Disulfide	4.706	76	20311	16.848	ug/l	98
18) Methyl Acetate	5.030	43	7604	15.317	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	19768	15.668	ug/l	100
20) Methylene Chloride	5.277	84	7571	17.717	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	6652	16.002	ug/l	96
22) Diisopropyl ether	6.671	45	17132	16.473	ug/l #	90
23) Vinyl Acetate	6.600	43	61185m	81.804	ug/l	
24) 1,1-Dichloroethane	6.571	63	12128	16.682	ug/l	92
25) 2-Butanone	7.483	43	18713	80.716	ug/l	99
26) 2,2-Dichloropropane	7.489	77	11774	16.121	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	7987	15.927	ug/l	96
28) Bromochloromethane	7.806	49	6238	18.368	ug/l #	97
29) Tetrahydrofuran	7.847	42	11690	78.837	ug/l	96
30) Chloroform	7.965	83	13163	15.880	ug/l	84
31) Cyclohexane	8.253	56	11922	18.067	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	12590	16.636	ug/l	94
36) 1,1-Dichloropropene	8.371	75	8286	16.109	ug/l	94
37) Ethyl Acetate	7.553	43	7662	16.503	ug/l	95
38) Carbon Tetrachloride	8.353	117	10793	16.236	ug/l	95
39) Methylcyclohexane	9.600	83	9914	16.105	ug/l	95
40) Benzene	8.600	78	28742	16.138	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	4614	17.941	ug/l #	94
42) 1,2-Dichloroethane	8.665	62	9891	16.742	ug/l	98
43) Isopropyl Acetate	8.688	43	15217	14.127	ug/l	97
44) Trichloroethene	9.353	130	7607	16.646	ug/l	90
45) 1,2-Dichloropropane	9.612	63	6259	15.686	ug/l #	76
46) Dibromomethane	9.706	93	4947	16.726	ug/l	90
47) Bromodichloromethane	9.883	83	10671	17.117	ug/l	99
48) Methyl methacrylate	9.677	41	5566	16.427	ug/l	98
49) 1,4-Dioxane	9.694	88	2683	335.968	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	35206	78.681	ug/l	99
52) Toluene	10.630	92	17318	16.252	ug/l	96
53) t-1,3-Dichloropropene	10.830	75	11325	17.550	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	11688	16.800	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	6989	16.792	ug/l #	82
56) Ethyl methacrylate	10.871	69	8600	16.415	ug/l	94
57) 1,3-Dichloropropane	11.159	76	11822	17.417	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	39294	140.493	ug/l	99
59) 2-Hexanone	11.188	43	26360	83.912	ug/l	95
60) Dibromochloromethane	11.359	129	7326	15.001	ug/l	98
61) 1,2-Dibromoethane	11.471	107	6486	16.764	ug/l	94
64) Tetrachloroethene	11.100	164	8257	16.988	ug/l	89
65) Chlorobenzene	11.888	112	19321	16.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	6696	15.614	ug/l	98
67) Ethyl Benzene	11.959	91	31134	16.305	ug/l	98
68) m/p-Xylenes	12.065	106	23441	32.110	ug/l	89
69) o-Xylene	12.394	106	12146	16.832	ug/l	94
70) Styrene	12.406	104	17878	16.313	ug/l	100
71) Bromoform	12.576	173	4778	15.069	ug/l #	98
73) Isopropylbenzene	12.694	105	30094	16.756	ug/l	96
74) N-amyl acetate	12.494	43	8379	15.377	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	8425	15.566	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	10029m	16.525	ug/l	
77) Bromobenzene	12.976	156	7416	15.709	ug/l	94
78) n-propylbenzene	13.029	91	33105	16.481	ug/l	96
79) 2-Chlorotoluene	13.123	91	23249	16.648	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	25170	17.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	3286m	18.323	ug/l	
82) 4-Chlorotoluene	13.218	91	23287	17.170	ug/l	99
83) tert-Butylbenzene	13.435	119	22467	17.887	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	24612	16.922	ug/l	97
85) sec-Butylbenzene	13.618	105	28891	17.428	ug/l	97
86) p-Isopropyltoluene	13.729	119	23553	17.127	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	15201	16.639	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	15791	16.898	ug/l	96
89) n-Butylbenzene	14.053	91	19233	16.643	ug/l	97
90) Hexachloroethane	14.329	117	4357	16.340	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	15133	16.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	1950	16.118	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	7731	16.579	ug/l	93
94) Hexachlorobutadiene	15.494	225	4523	17.709	ug/l	96
95) Naphthalene	15.641	128	22851	16.936	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	7687	17.136	ug/l	97

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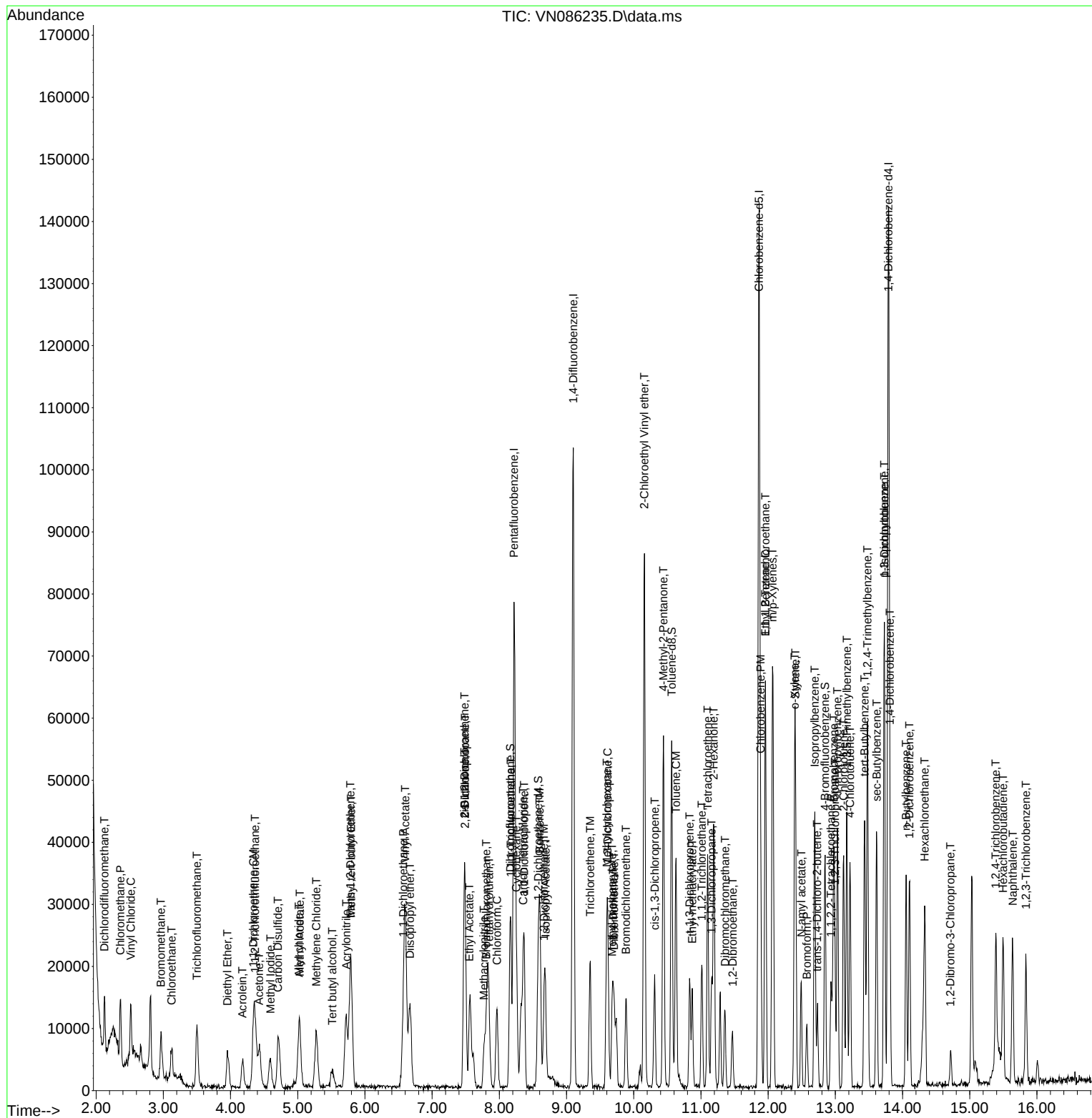
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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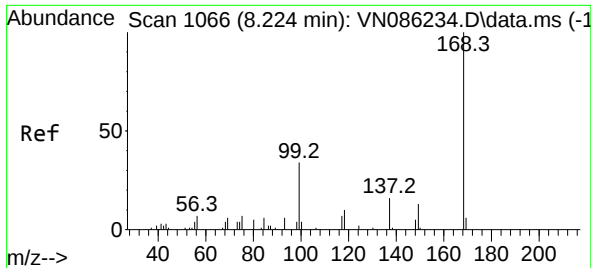
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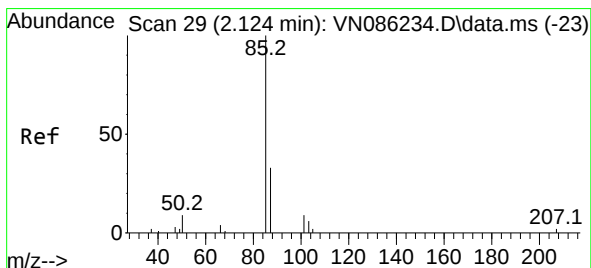
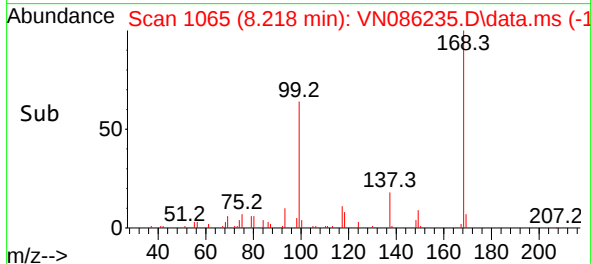
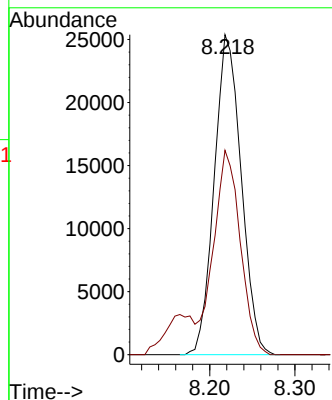
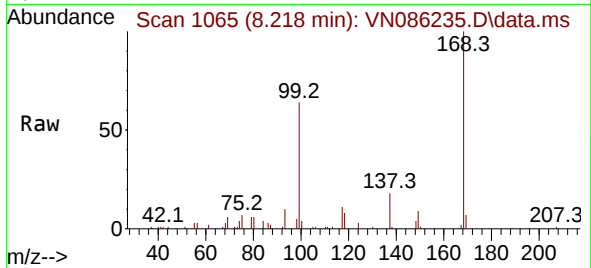




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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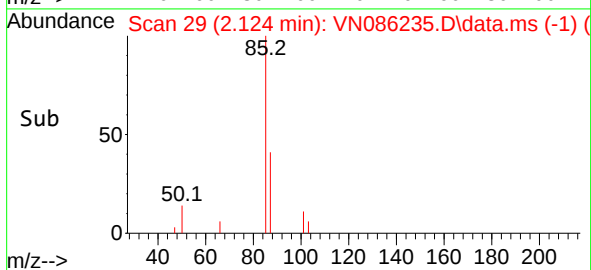
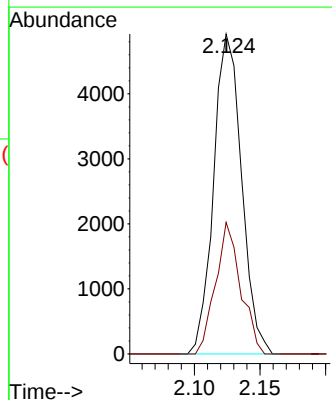
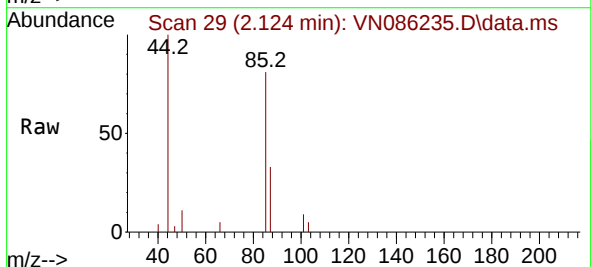
Instrument :
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ClientSampleId :
VSTDICC020

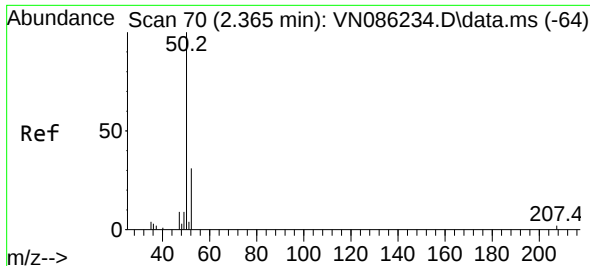
Tgt Ion:168 Resp: 55738
Ion Ratio Lower Upper
168 100
99 63.9 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 15.076 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 85 Resp: 7295
Ion Ratio Lower Upper
85 100
87 41.1 16.3 48.8

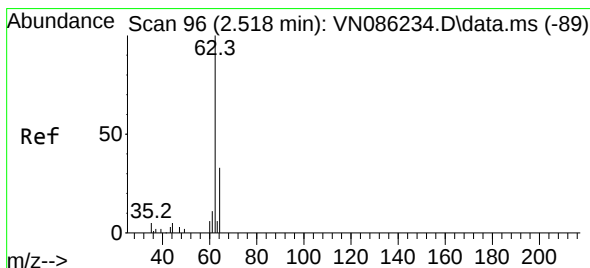
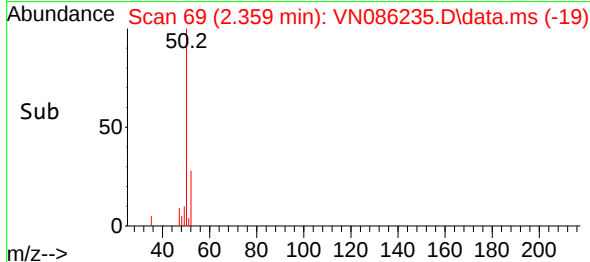
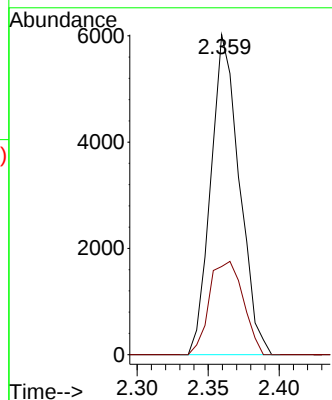
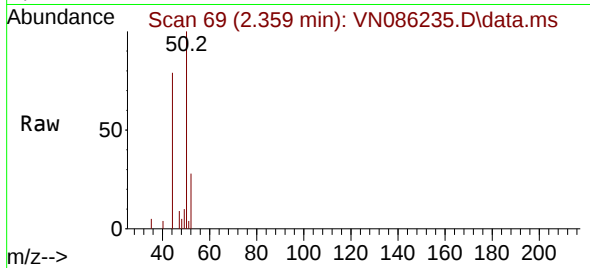




#3
Chloromethane
Concen: 15.462 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

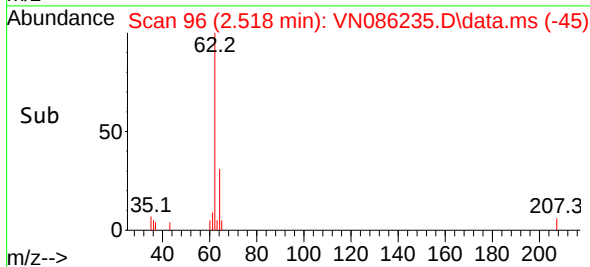
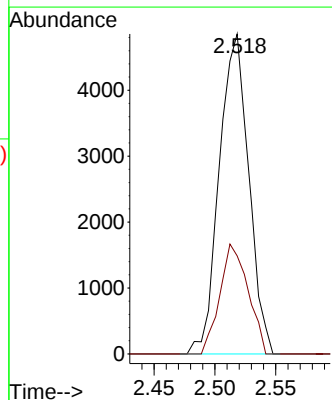
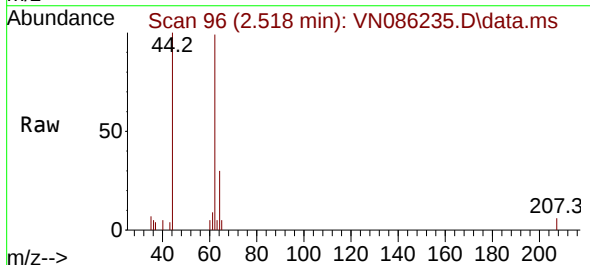
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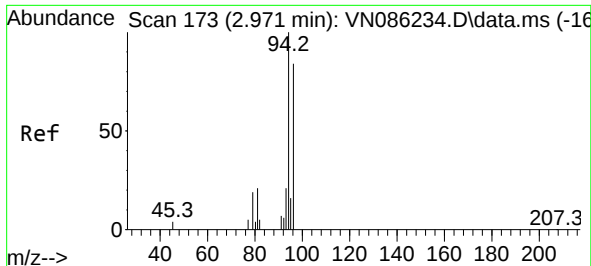
Tgt Ion: 50 Resp: 8445
Ion Ratio Lower Upper
50 100
52 27.6 24.5 36.7



#4
Vinyl Chloride
Concen: 16.714 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 62 Resp: 8168
Ion Ratio Lower Upper
62 100
64 30.7 26.4 39.6

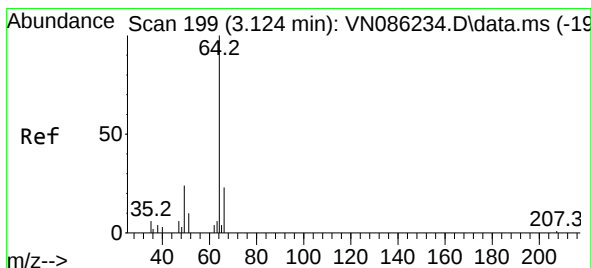
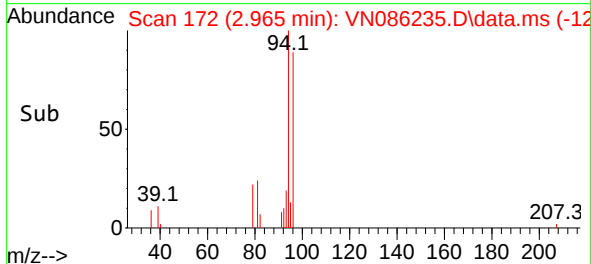
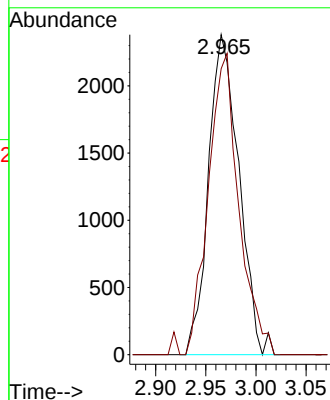
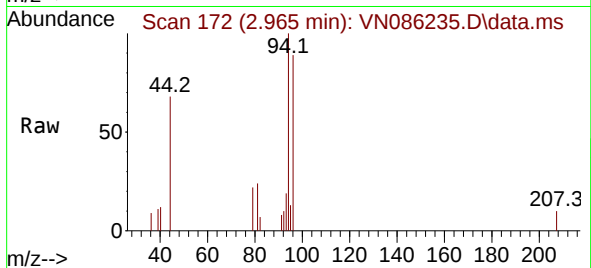




#5
Bromomethane
Concen: 20.663 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086235.D
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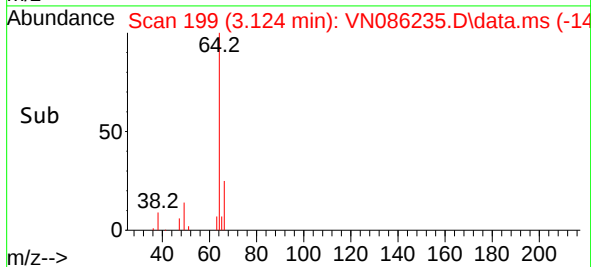
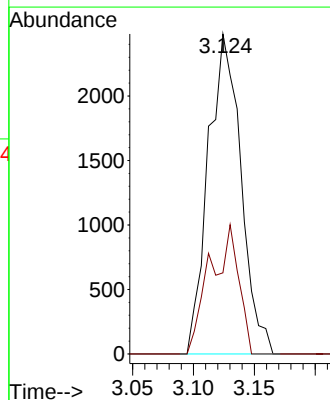
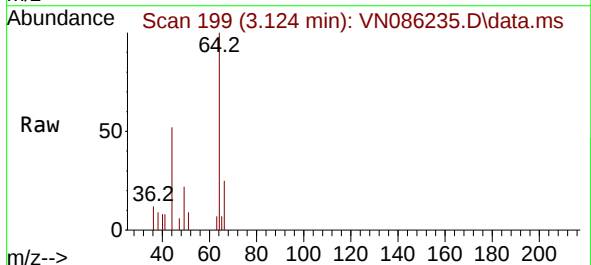
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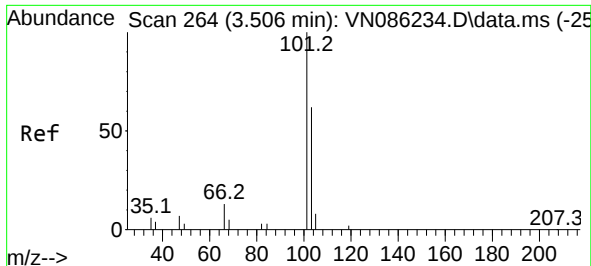
Tgt Ion: 94 Resp: 5014
Ion Ratio Lower Upper
94 100
96 89.4 69.6 104.4



#6
Chloroethane
Concen: 16.007 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 64 Resp: 4627
Ion Ratio Lower Upper
64 100
66 25.4 18.7 28.1

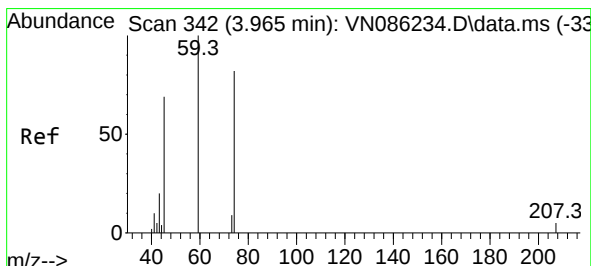
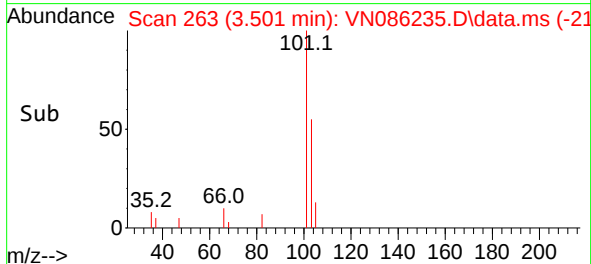
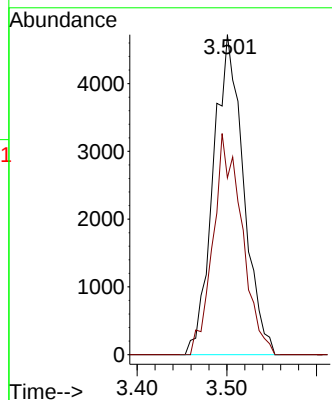
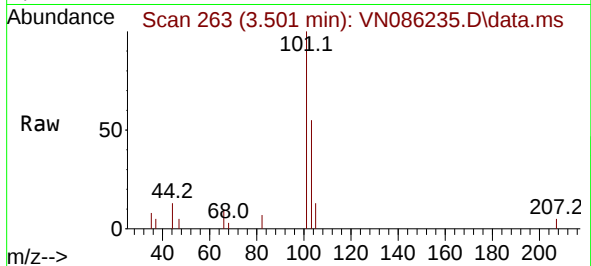




#7
 Trichlorofluoromethane
 Concen: 15.532 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086235.D
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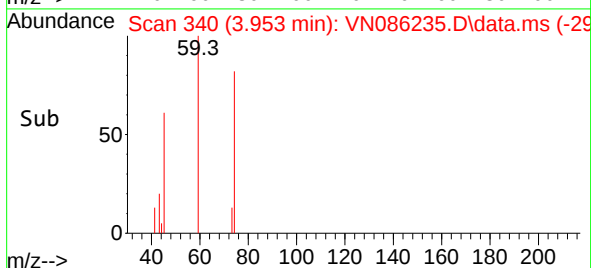
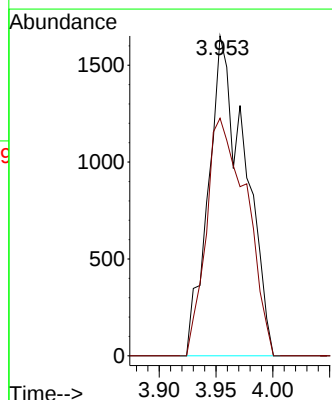
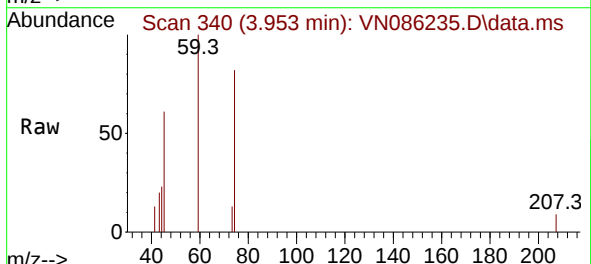
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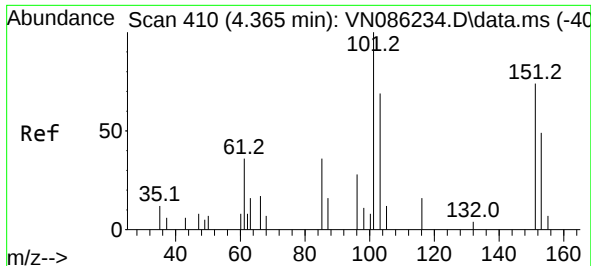
Tgt Ion:101 Resp: 11069
 Ion Ratio Lower Upper
 101 100
 103 55.2 50.0 75.0



#8
 Diethyl Ether
 Concen: 16.888 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 3703
 Ion Ratio Lower Upper
 74 100
 45 81.8 38.6 116.0

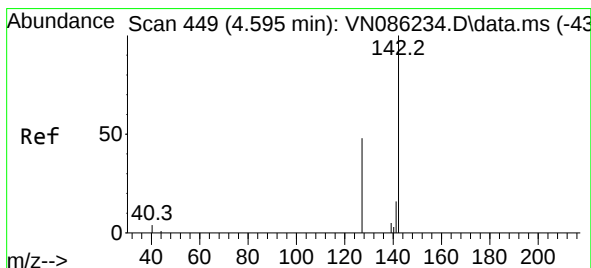
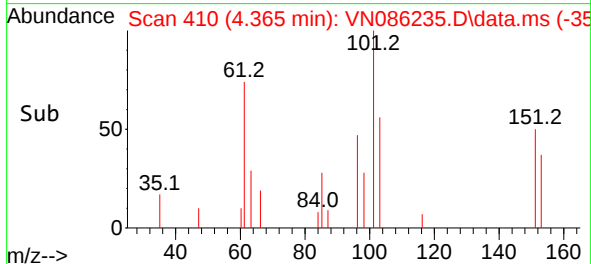
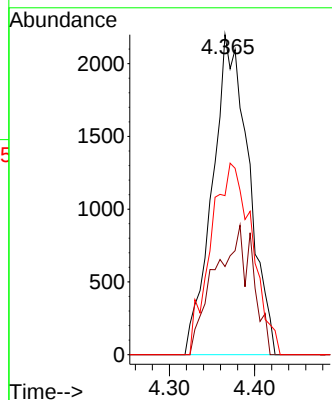
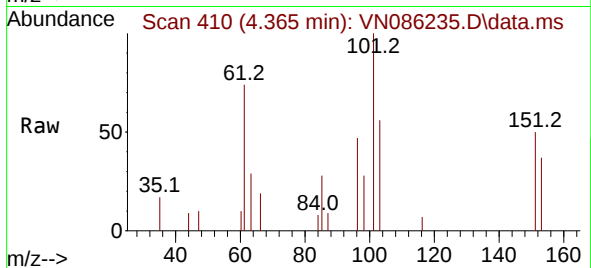




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.495 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

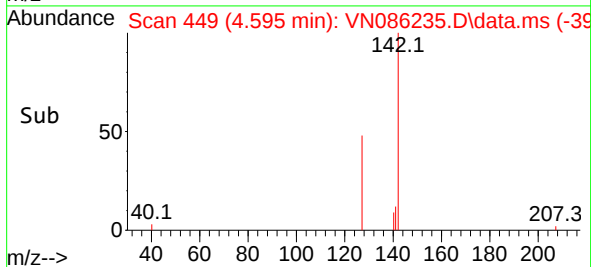
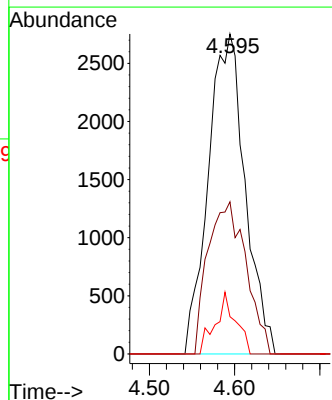
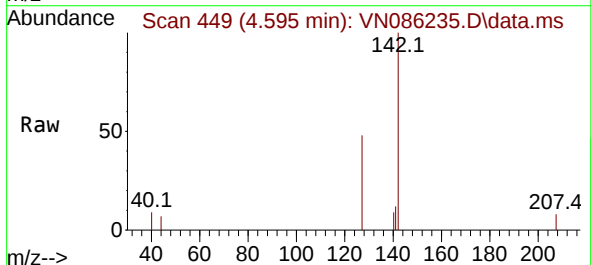
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

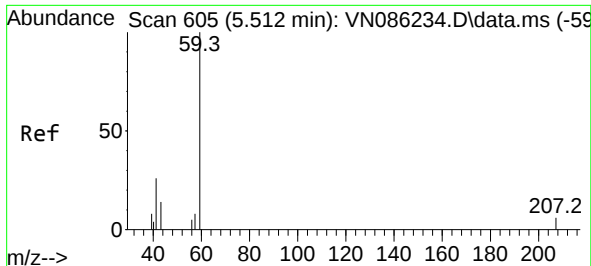
Tgt Ion:101 Resp: 6519
Ion Ratio Lower Upper
101 100
85 42.1 34.6 52.0
151 68.2 59.9 89.9



#10
Methyl Iodide
Concen: 18.775 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:142 Resp: 8247
Ion Ratio Lower Upper
142 100
127 47.5 38.3 57.5
141 11.7 12.6 19.0#

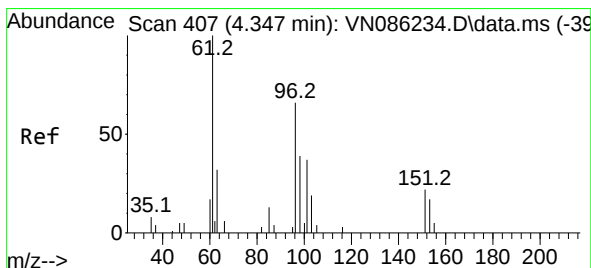
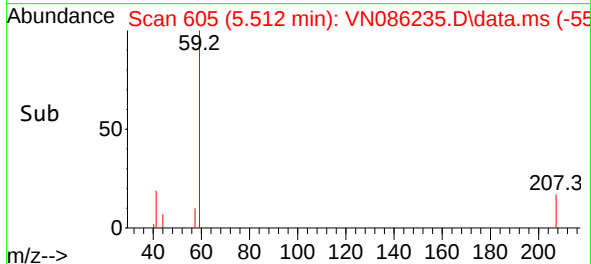
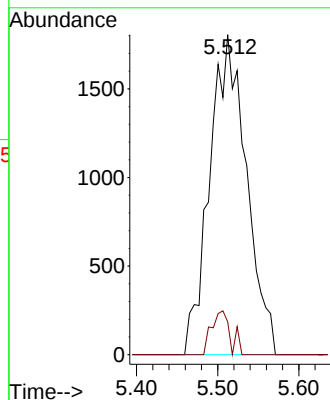
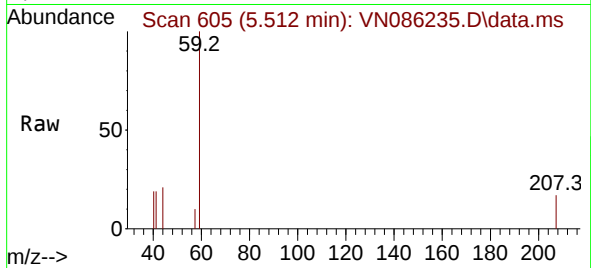




#11
Tert butyl alcohol
Concen: 89.113 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

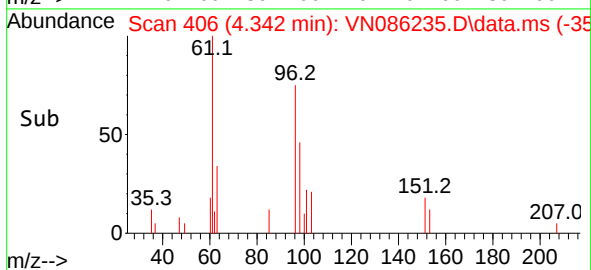
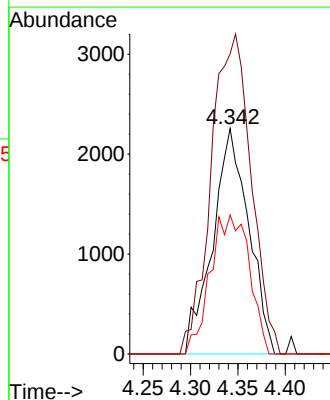
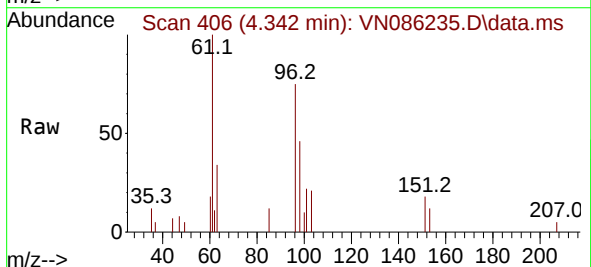
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

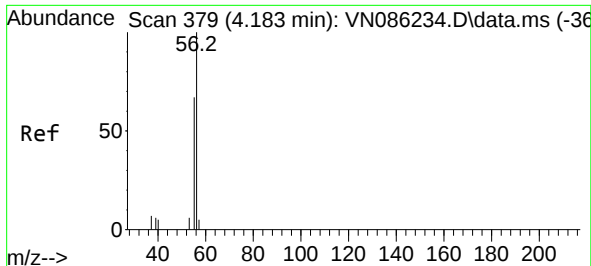
Tgt Ion: 59 Resp: 5688
Ion Ratio Lower Upper
59 100
57 7.0 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 15.865 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 96 Resp: 5977
Ion Ratio Lower Upper
96 100
61 133.2 120.3 180.5
98 61.7 46.6 70.0





#13

Acrolein

Concen: 61.896 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

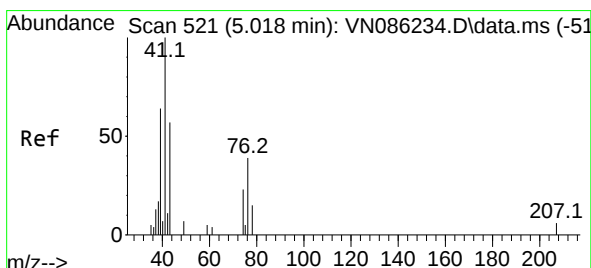
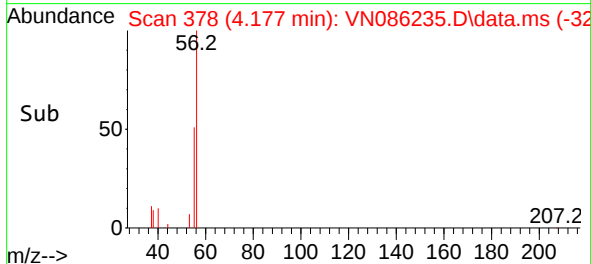
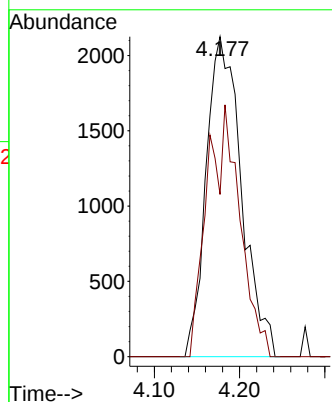
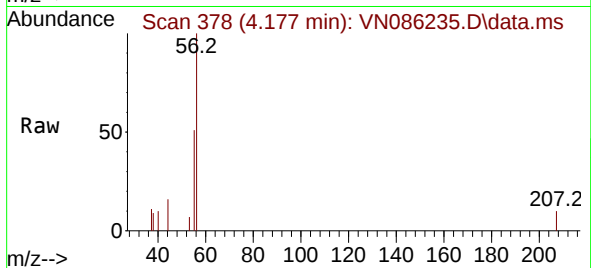
VSTDICC020

Tgt Ion: 56 Resp: 6114

Ion Ratio Lower Upper

56 100

55 33.5 54.6 82.0#



#14

Allyl chloride

Concen: 16.563 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

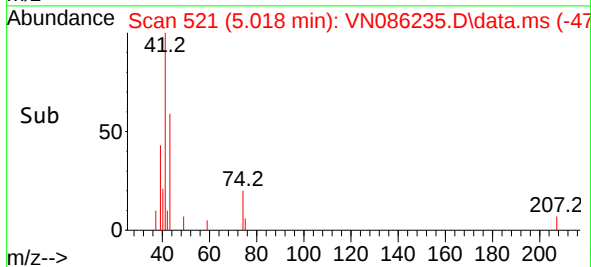
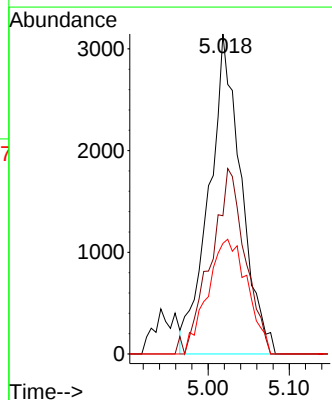
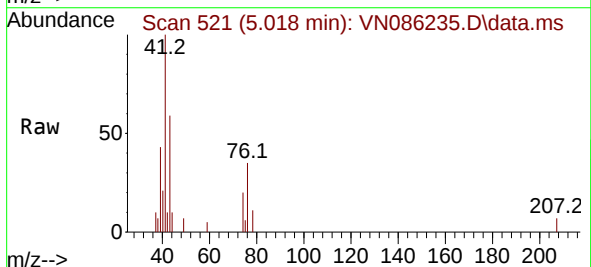
Tgt Ion: 41 Resp: 8633

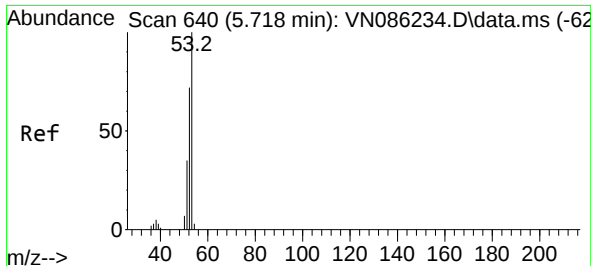
Ion Ratio Lower Upper

41 100

39 62.0 58.7 88.1

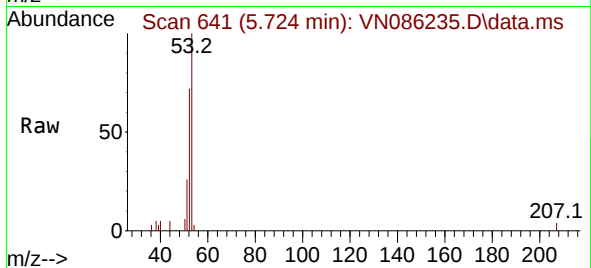
76 44.5 40.2 60.4



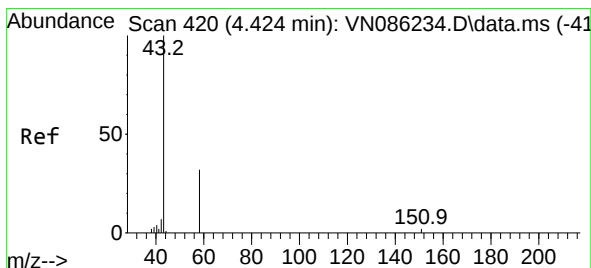
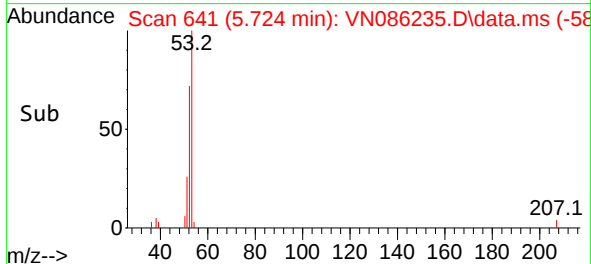
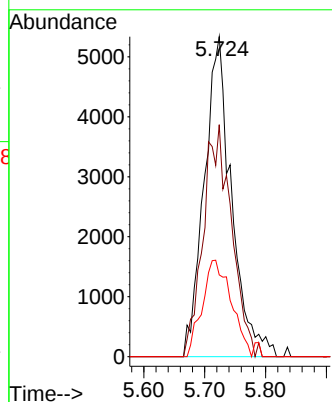


#15
Acrylonitrile
Concen: 86.308 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

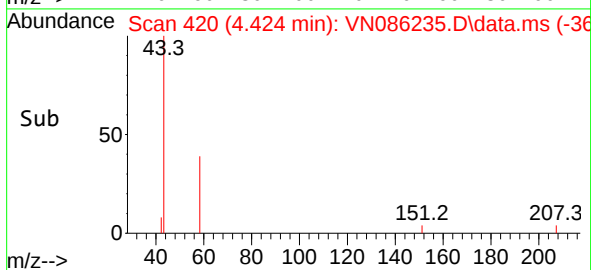
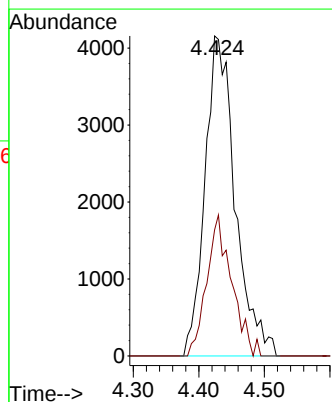
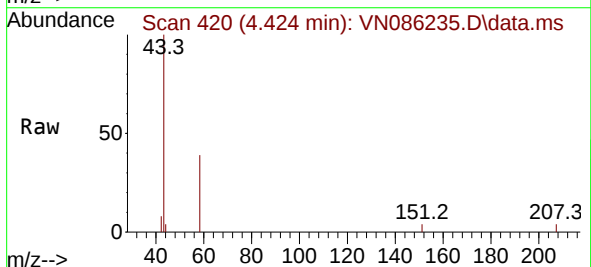


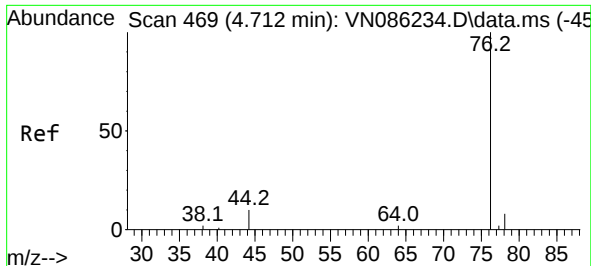
Tgt Ion	Ratio	Lower	Upper
53	100		
52	75.1	61.0	91.6
51	32.0	25.4	38.0



#16
Acetone
Concen: 82.264 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	25.8	38.6

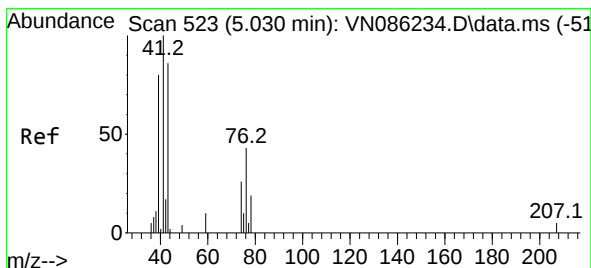
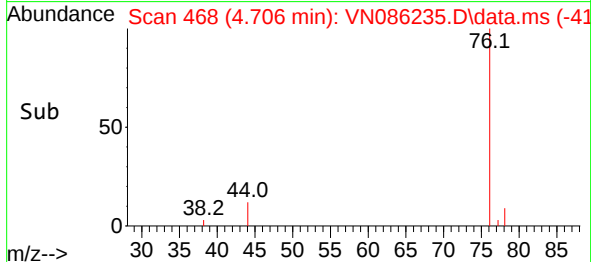
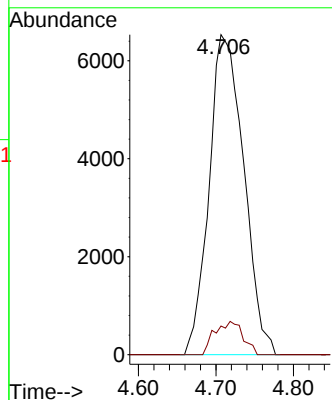
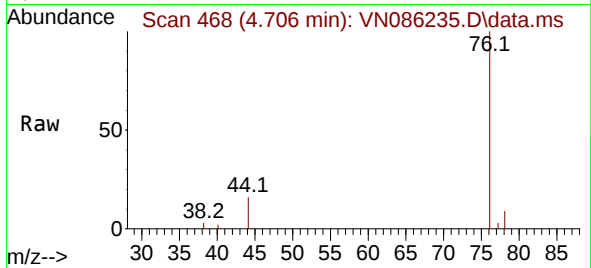




#17
Carbon Disulfide
Concen: 16.848 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

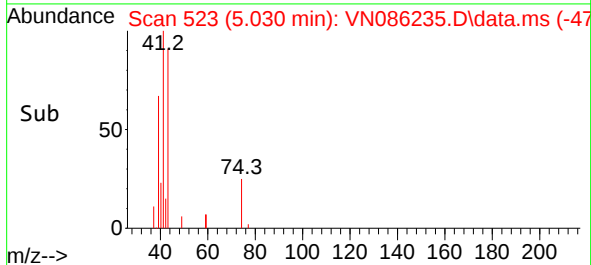
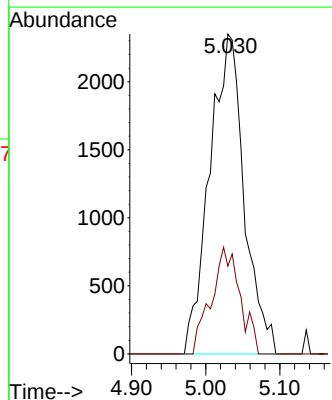
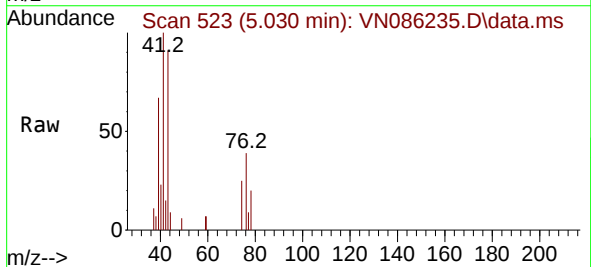
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

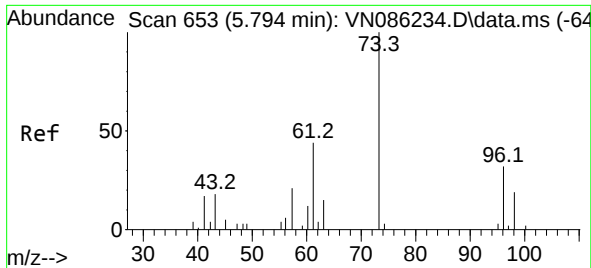
Tgt Ion: 76 Resp: 20311
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 15.317 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 43 Resp: 7604
Ion Ratio Lower Upper
43 100
74 27.9 23.1 34.7

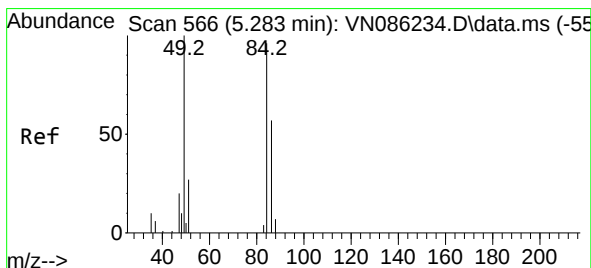
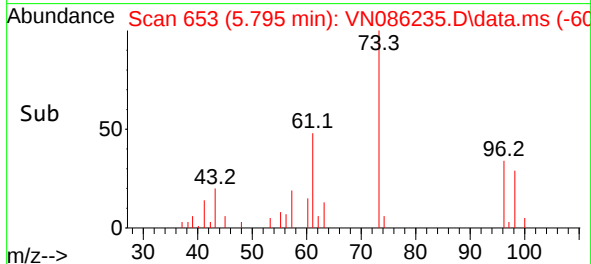
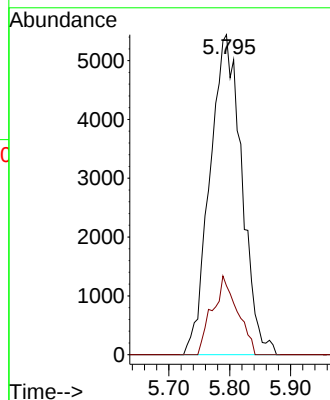
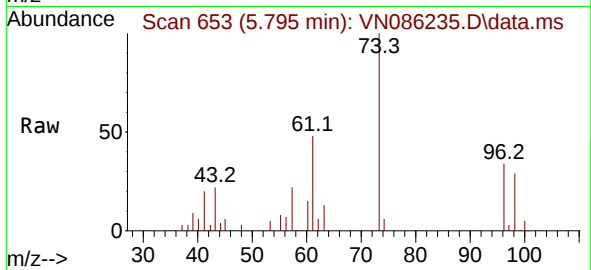




#19
Methyl tert-butyl Ether
Concen: 15.668 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

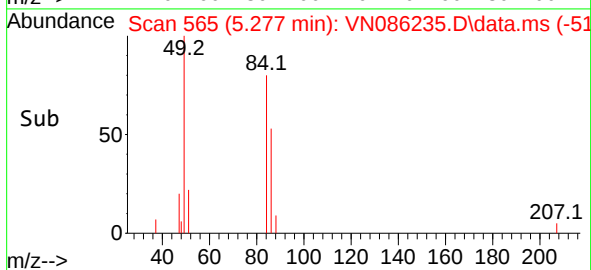
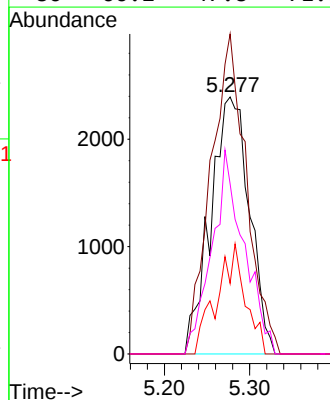
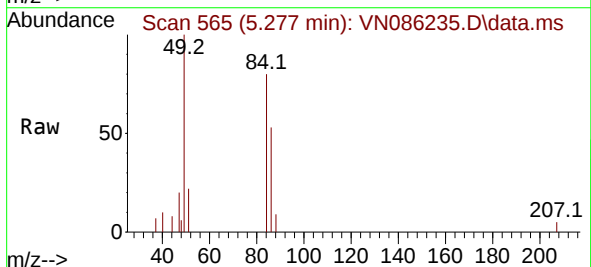
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

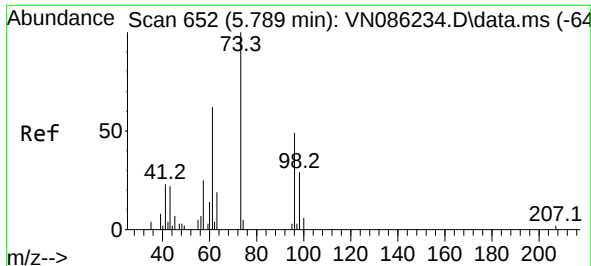
Tgt Ion: 73 Resp: 19768
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 17.717 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 84 Resp: 7571
Ion Ratio Lower Upper
84 100
49 124.5 83.7 125.5
51 27.4 22.7 34.1
86 66.2 47.8 71.8

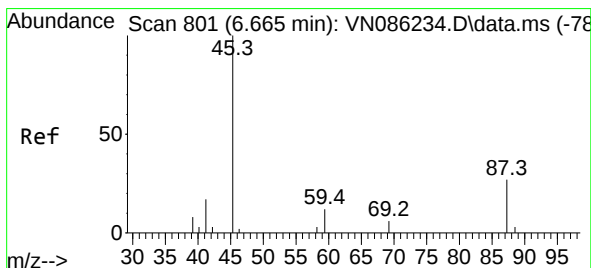
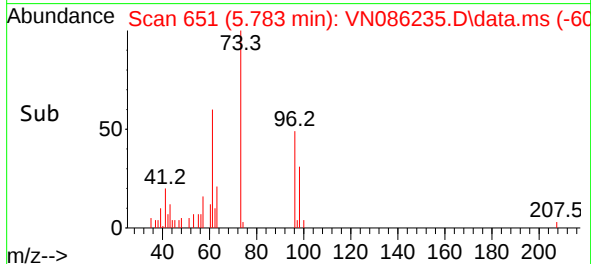
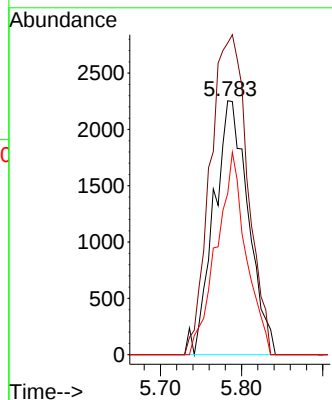
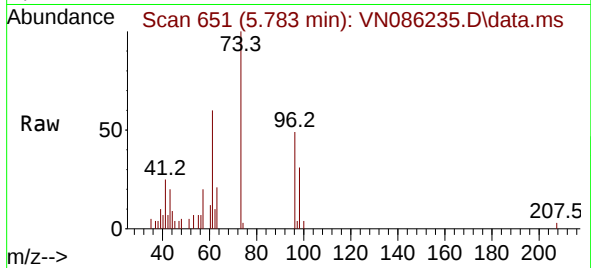




#21
trans-1,2-Dichloroethene
Concen: 16.002 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

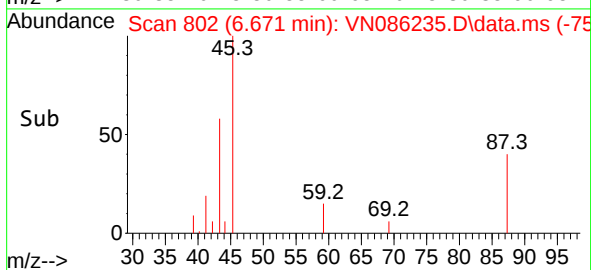
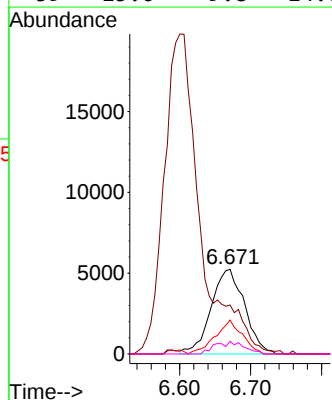
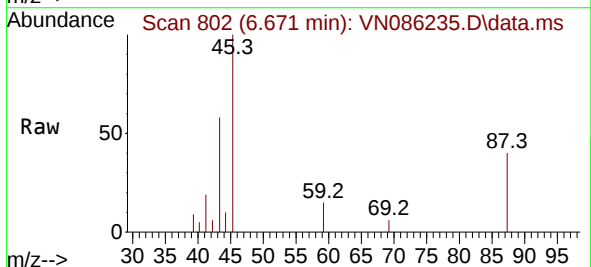
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

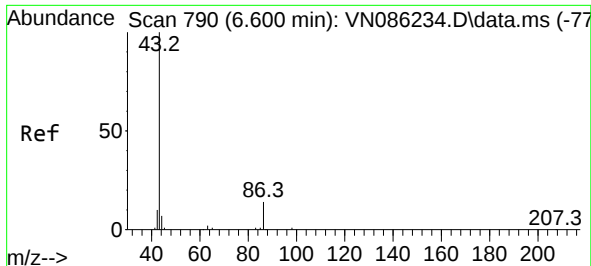
Tgt Ion: 96 Resp: 6652
Ion Ratio Lower Upper
96 100
61 122.7 100.9 151.3
98 63.5 47.7 71.5



#22
Diisopropyl ether
Concen: 16.473 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 45 Resp: 17132
Ion Ratio Lower Upper
45 100
43 53.9 41.0 61.4
87 40.0 22.8 34.2#
59 15.0 9.8 14.6#

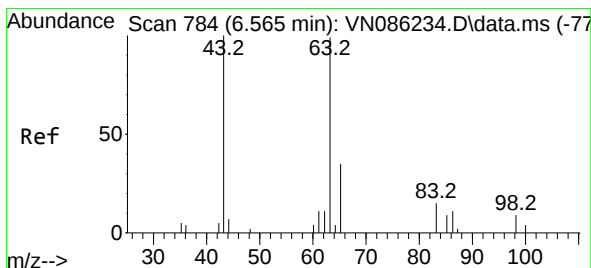
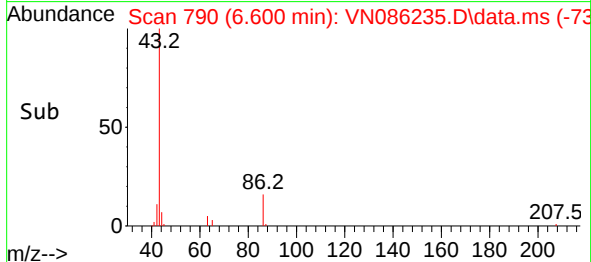
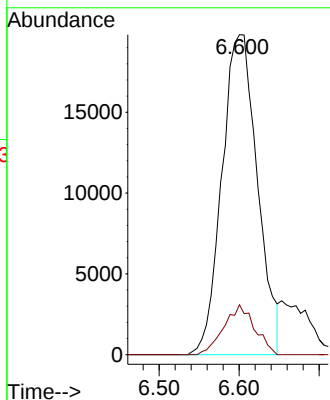
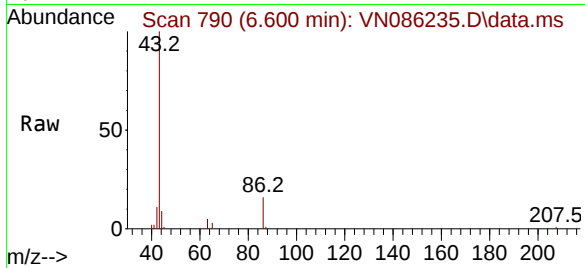




#23
 Vinyl Acetate
 Concen: 81.804 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

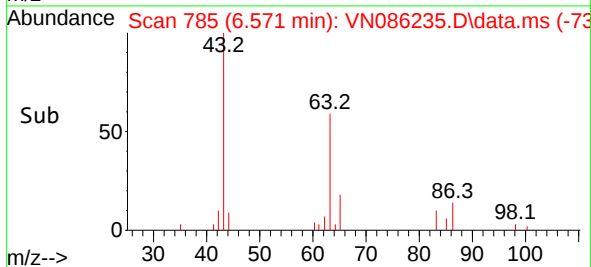
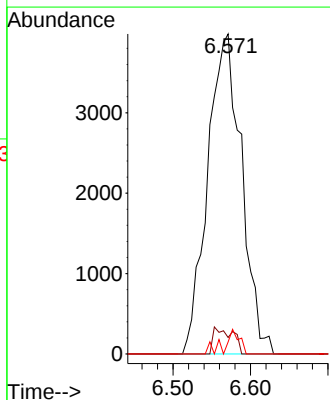
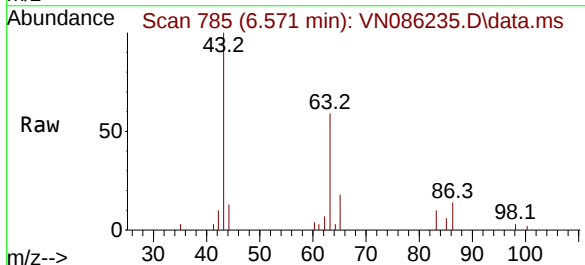
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

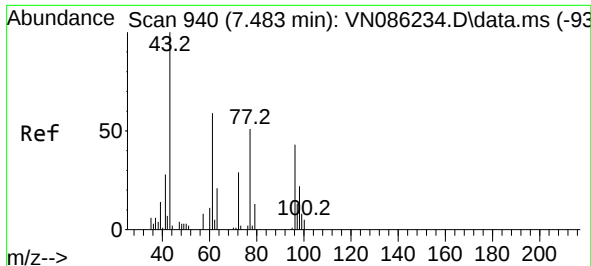
Tgt Ion: 43 Resp: 61185
 Ion Ratio Lower Upper
 43 100
 86 15.6 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 16.682 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Tgt Ion: 63 Resp: 12128
 Ion Ratio Lower Upper
 63 100
 98 5.2 4.6 13.8
 100 3.8 1.8 5.5





#25

2-Butanone

Concen: 80.716 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

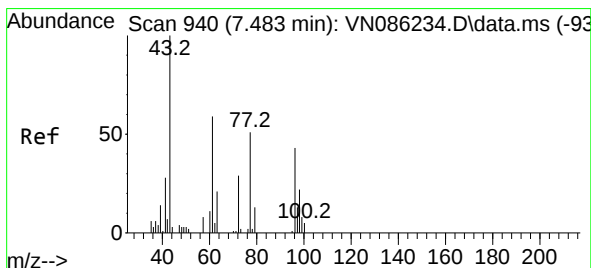
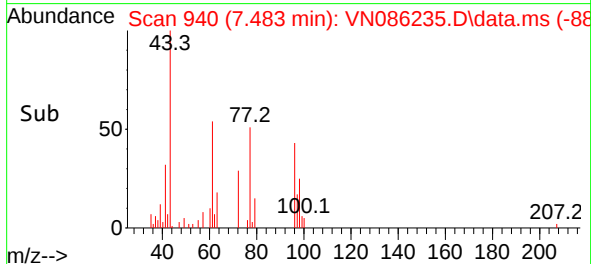
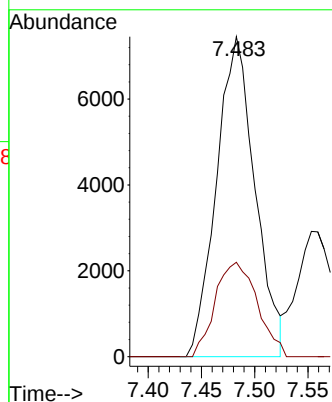
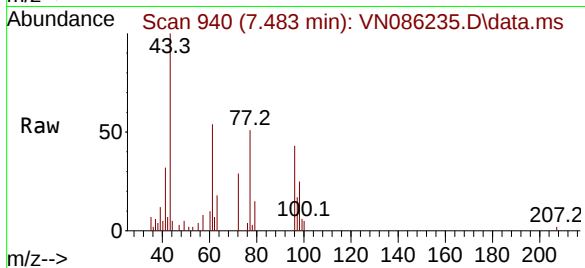
VSTDICC020

Tgt Ion: 43 Resp: 18713

Ion Ratio Lower Upper

43 100

72 29.5 23.1 34.7



#26

2,2-Dichloropropane

Concen: 16.121 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN086235.D

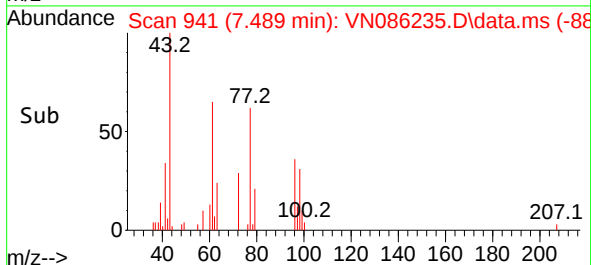
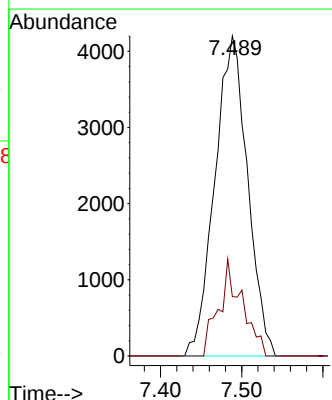
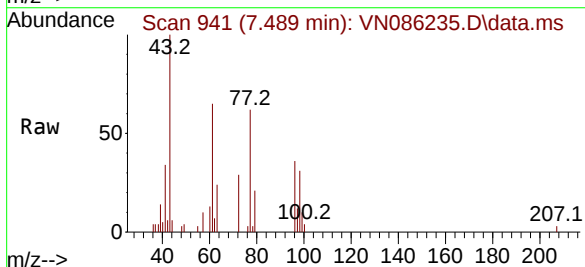
Acq: 07 Apr 2025 14:21

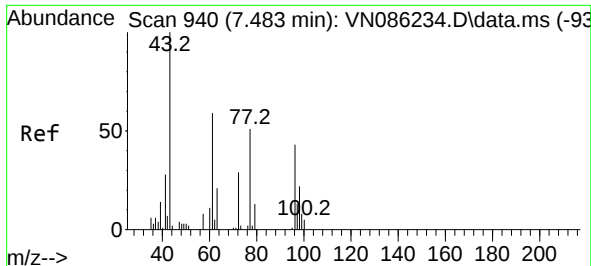
Tgt Ion: 77 Resp: 11774

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6



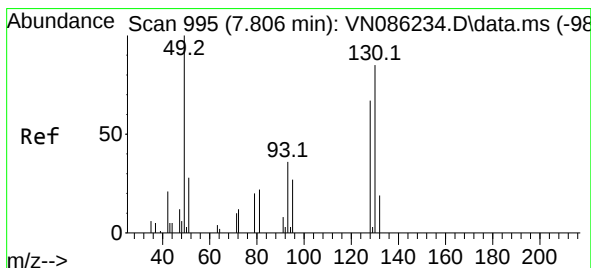
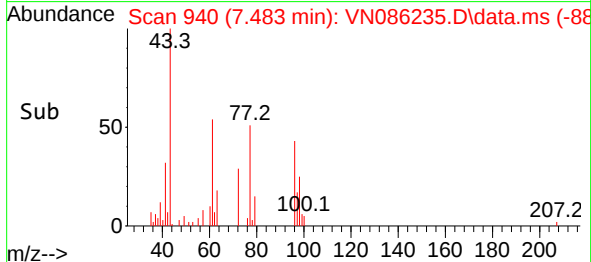
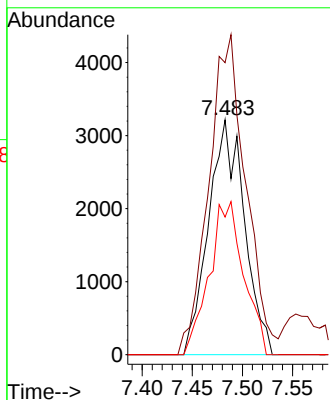
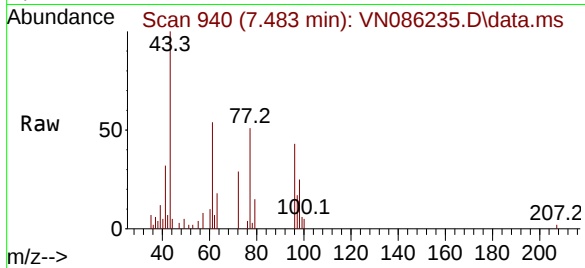


#27
 cis-1,2-Dichloroethene
 Concen: 15.927 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 7987

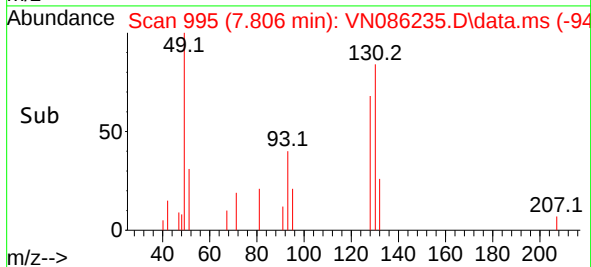
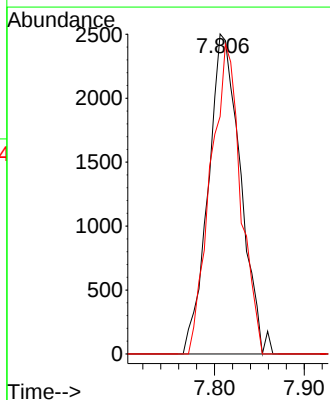
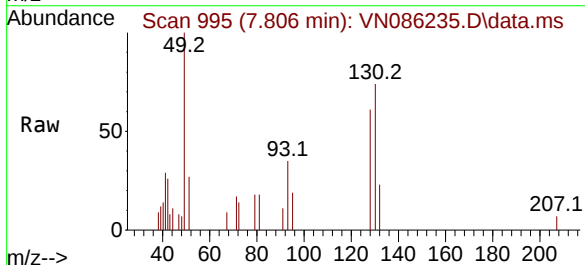
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	270.8
98	62.8	0.0	127.0

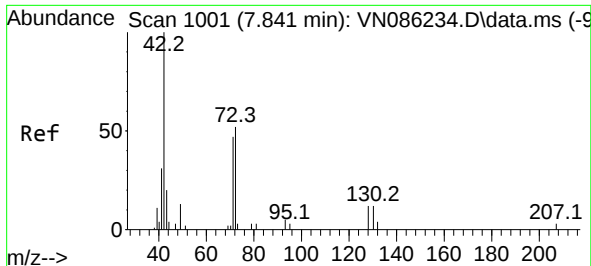


#28
 Bromochloromethane
 Concen: 18.368 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Tgt Ion: 49 Resp: 6238

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	90.4	70.5	105.7





#29

Tetrahydrofuran

Concen: 78.837 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

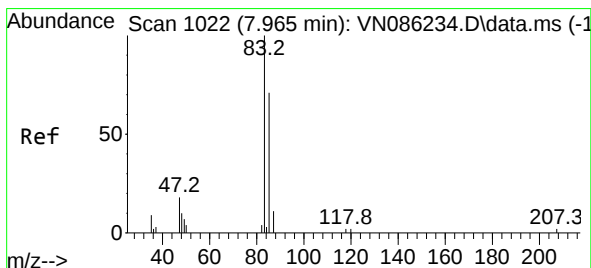
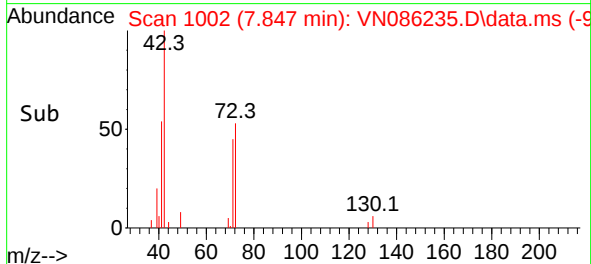
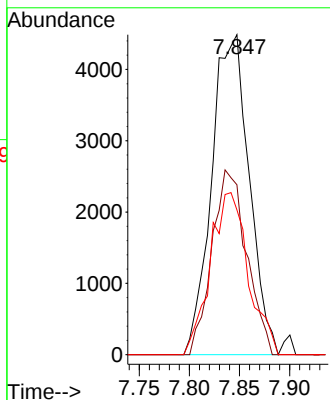
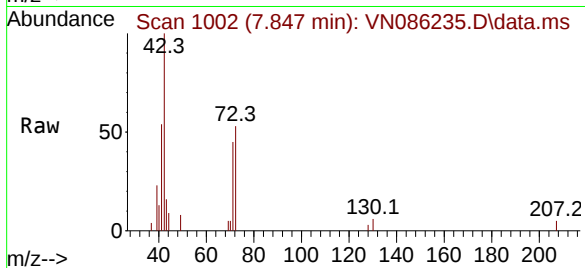
Tgt Ion: 42 Resp: 11690

Ion Ratio Lower Upper

42 100

72 53.4 40.8 61.2

71 51.3 38.2 57.4



#30

Chloroform

Concen: 15.880 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086235.D

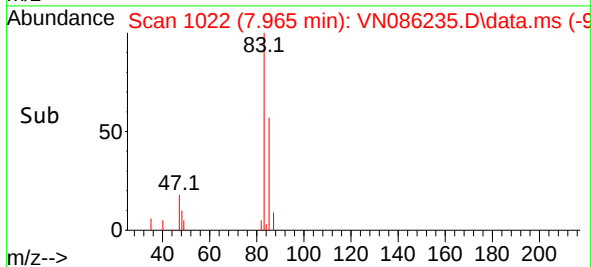
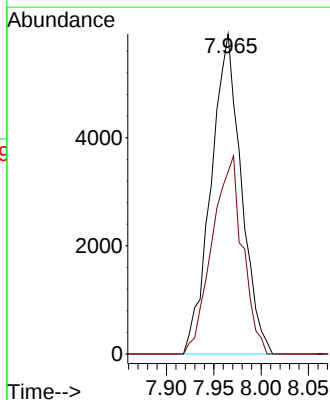
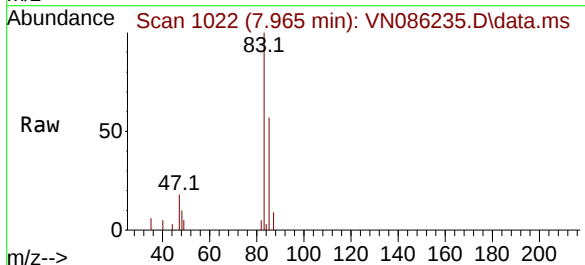
Acq: 07 Apr 2025 14:21

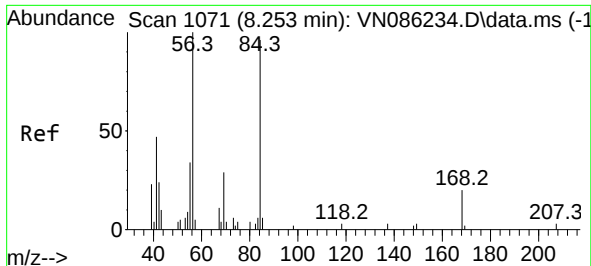
Tgt Ion: 83 Resp: 13163

Ion Ratio Lower Upper

83 100

85 56.9 56.4 84.6

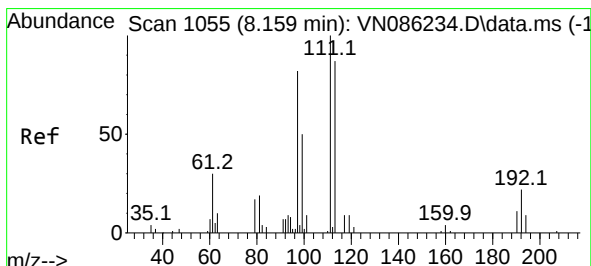
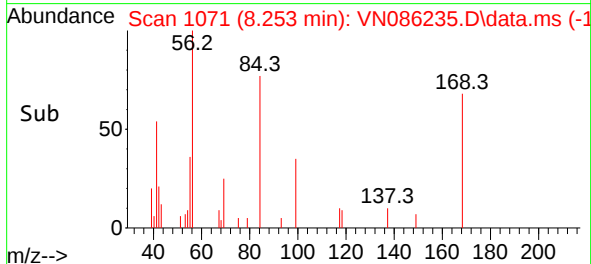
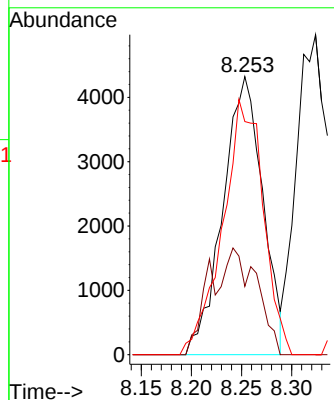
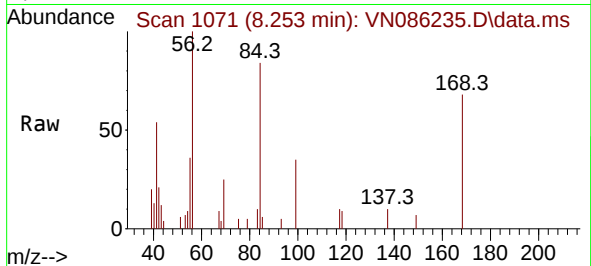




#31
Cyclohexane
Concen: 18.067 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

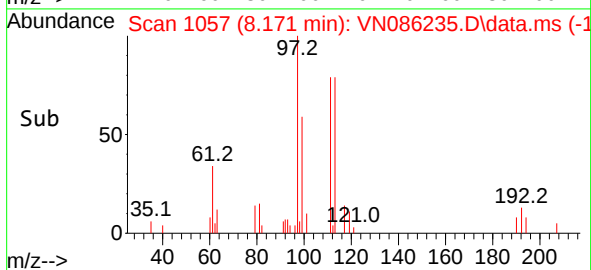
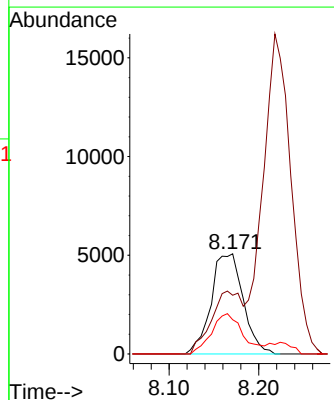
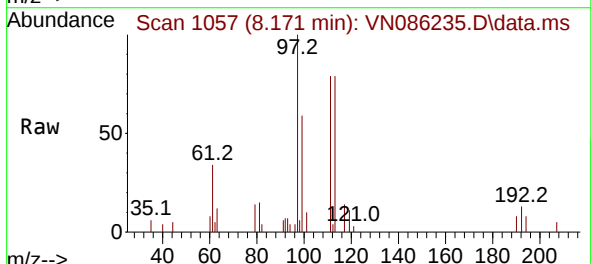
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

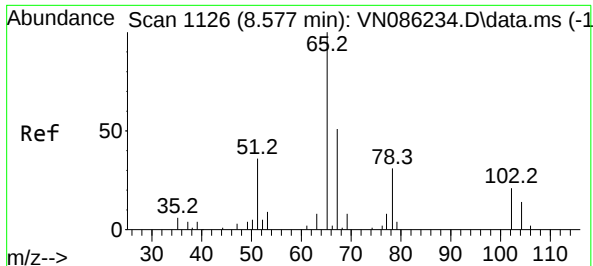
Tgt Ion:	56	Resp:	11922
Ion Ratio	Lower	Upper	
56	100		
69	24.5	23.1	34.7
84	83.8	76.9	115.3



#32
1,1,1-Trichloroethane
Concen: 16.636 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:	97	Resp:	12590
Ion Ratio	Lower	Upper	
97	100		
99	59.8	51.8	77.8
61	39.7	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 21.303 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

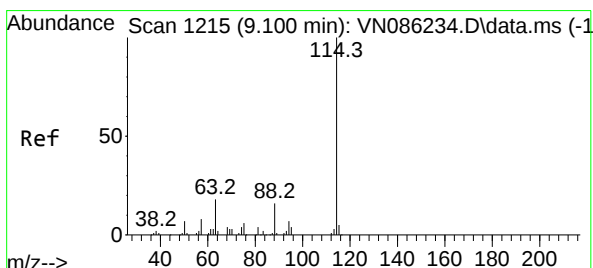
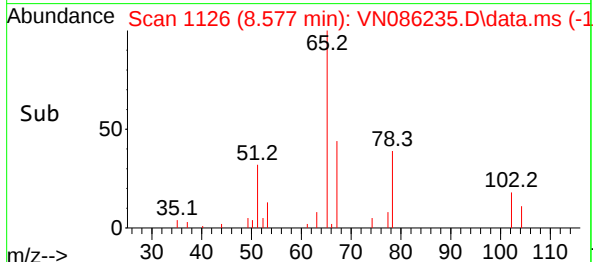
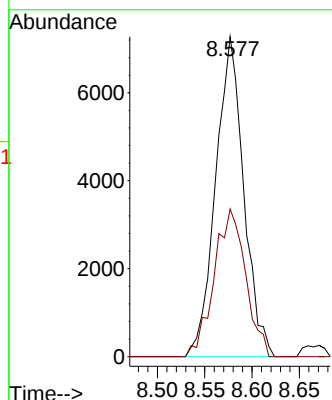
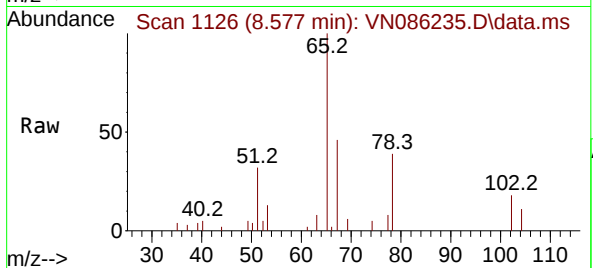
VSTDIC020

Tgt Ion: 65 Resp: 15020

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

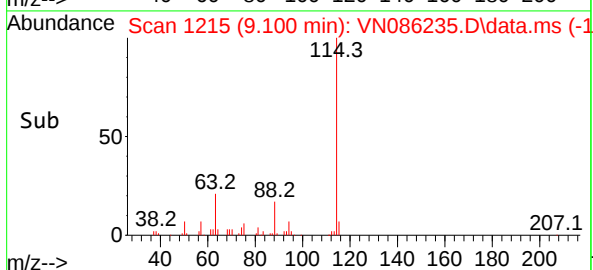
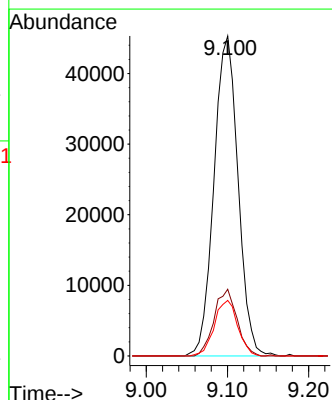
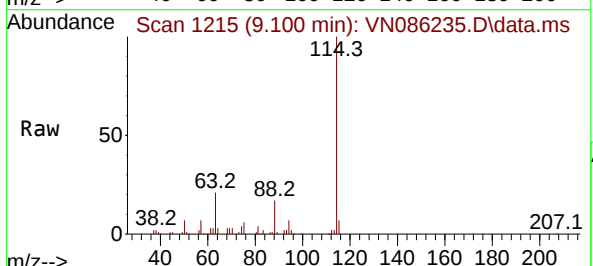
Tgt Ion: 114 Resp: 93388

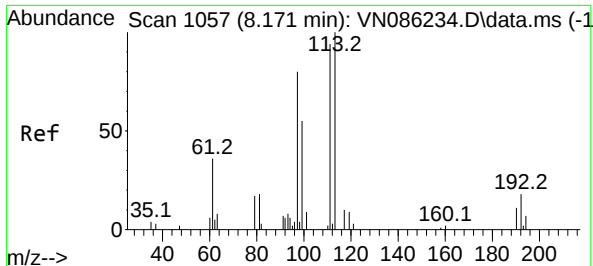
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.6

88 17.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 21.611 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

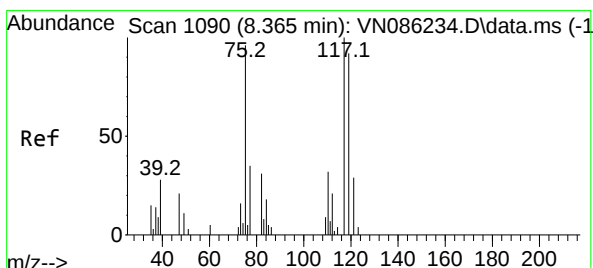
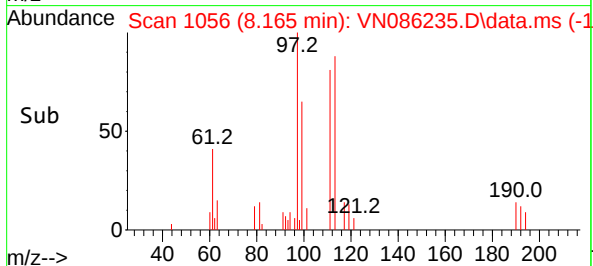
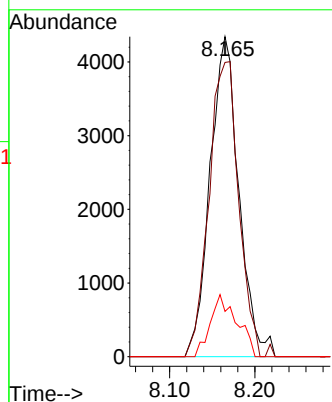
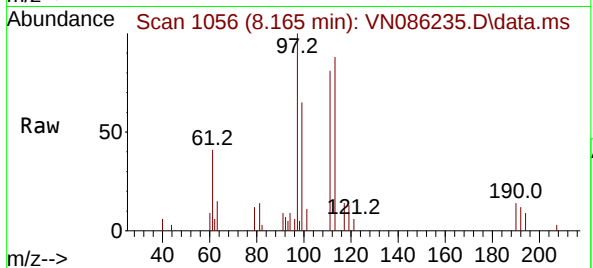
Tgt Ion:113 Resp: 10201

Ion Ratio Lower Upper

113 100

111 94.8 84.2 126.2

192 17.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 16.109 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

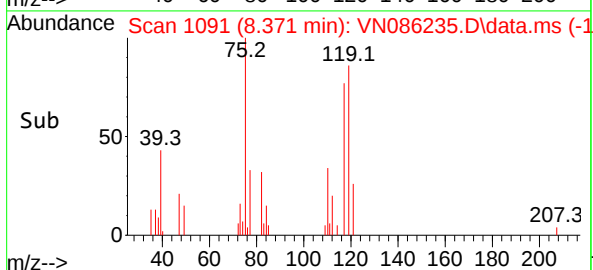
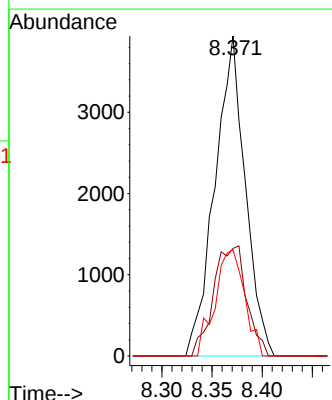
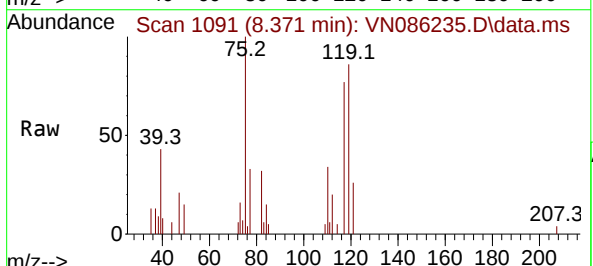
Tgt Ion: 75 Resp: 8286

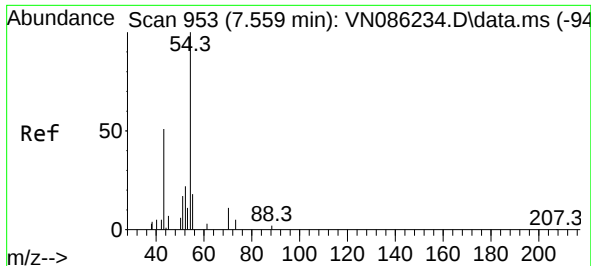
Ion Ratio Lower Upper

75 100

110 37.4 16.9 50.7

77 32.2 23.0 34.4

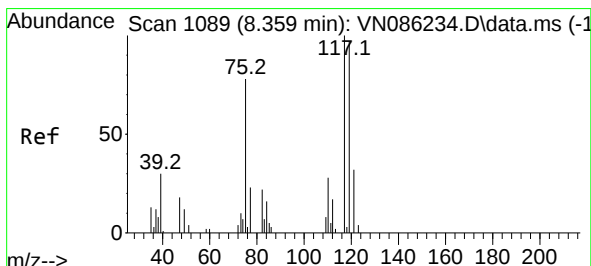
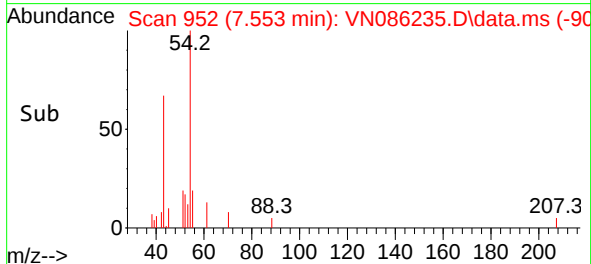
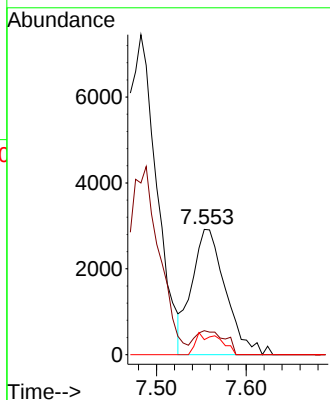
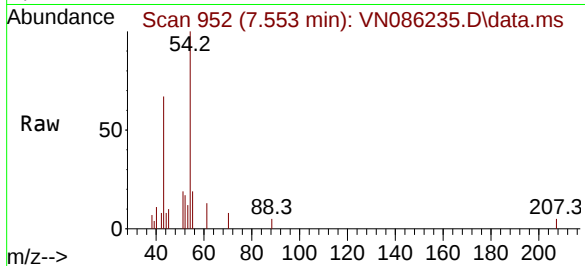




#37
Ethyl Acetate
Concen: 16.503 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

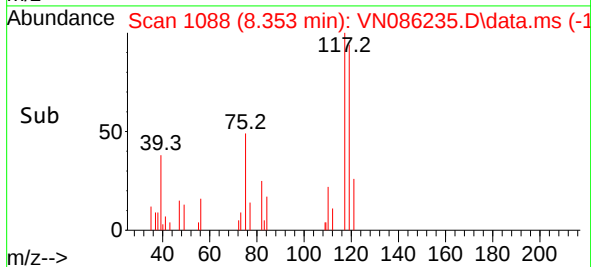
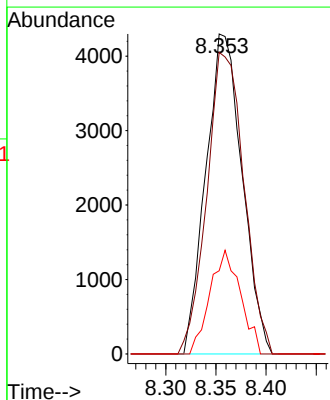
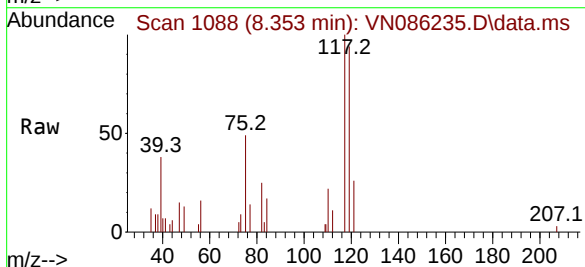
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

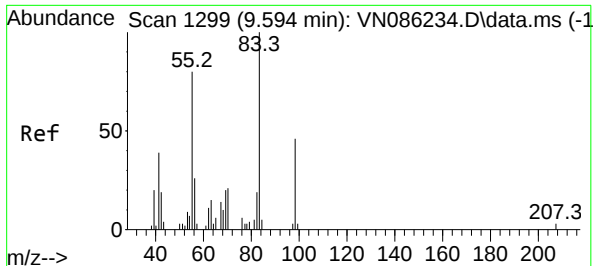
Tgt Ion: 43 Resp: 7662
Ion Ratio Lower Upper
43 100
61 16.9 11.8 17.6
70 12.3 11.7 17.5



#38
Carbon Tetrachloride
Concen: 16.236 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 117 Resp: 10793
Ion Ratio Lower Upper
117 100
119 94.2 77.9 116.9
121 26.0 25.3 37.9





#39

Methylcyclohexane

Concen: 16.105 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

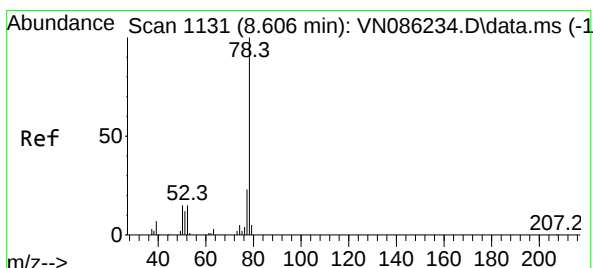
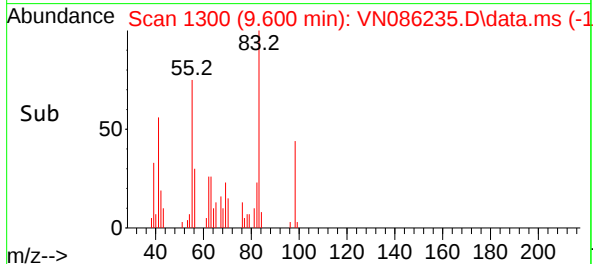
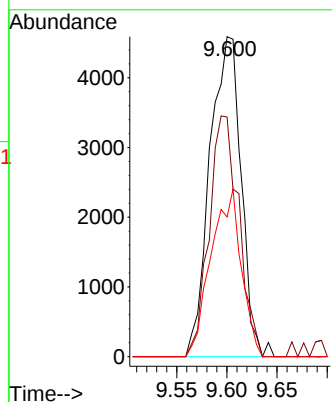
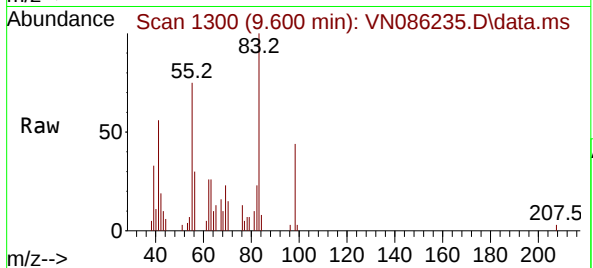
Tgt Ion: 83 Resp: 9914

Ion Ratio Lower Upper

83 100

55 74.9 63.9 95.9

98 43.6 36.6 55.0



#40

Benzene

Concen: 16.138 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086235.D

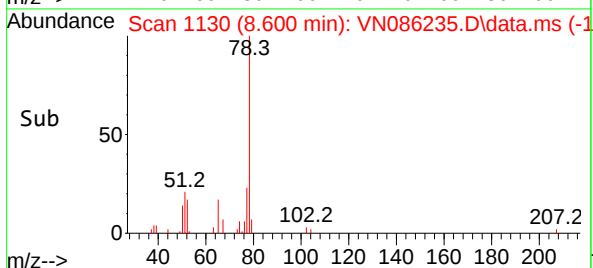
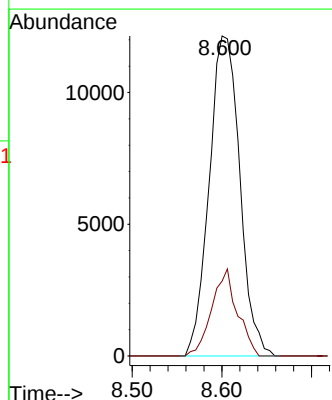
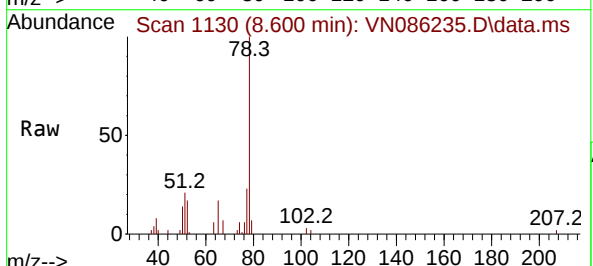
Acq: 07 Apr 2025 14:21

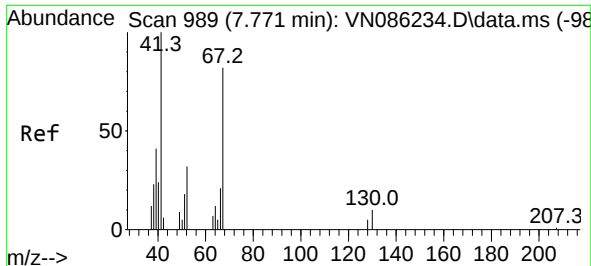
Tgt Ion: 78 Resp: 28742

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

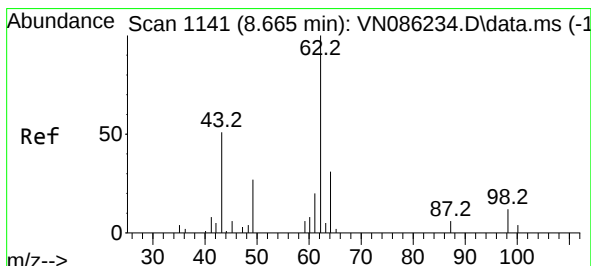
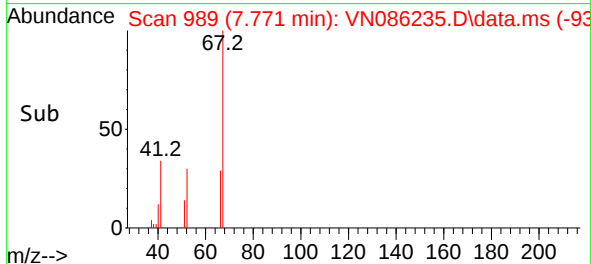
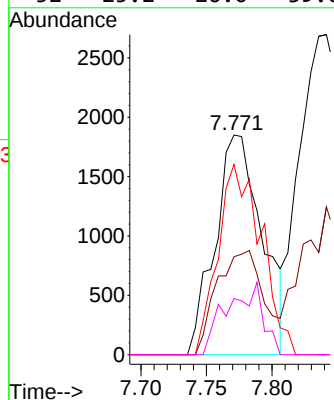
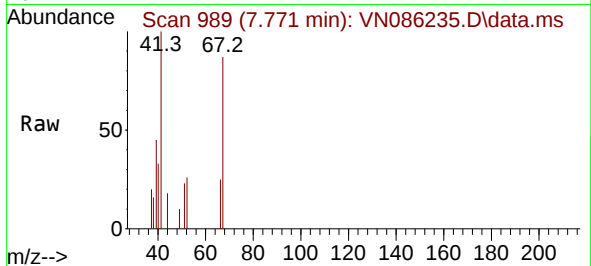




#41
Methacrylonitrile
Concen: 17.941 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

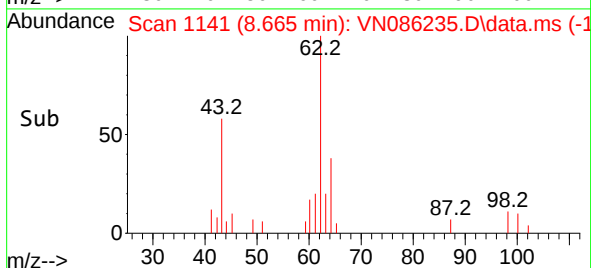
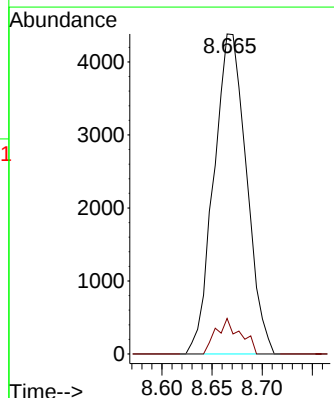
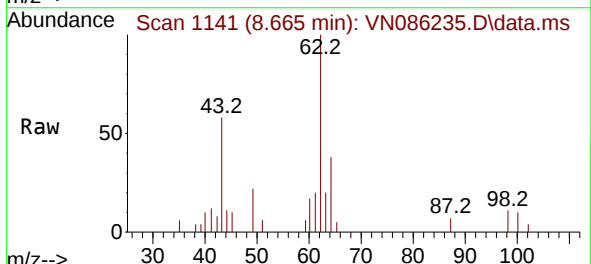
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

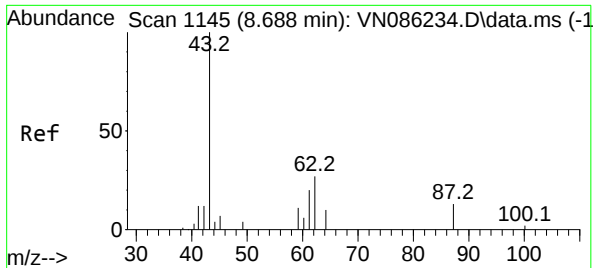
Tgt Ion:	41	Resp:	4614
Ion	Ratio	Lower	Upper
41	100		
39	47.8	39.0	58.6
67	80.1	67.8	101.6
52	25.2	26.0	39.0



#42
1,2-Dichloroethane
Concen: 16.742 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:	62	Resp:	9891
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8

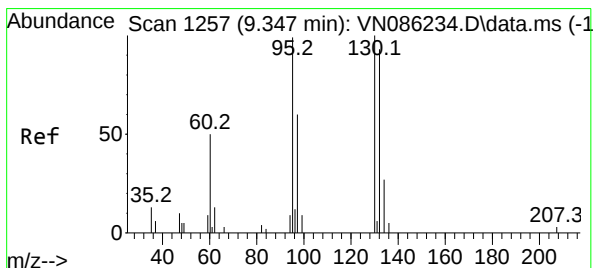
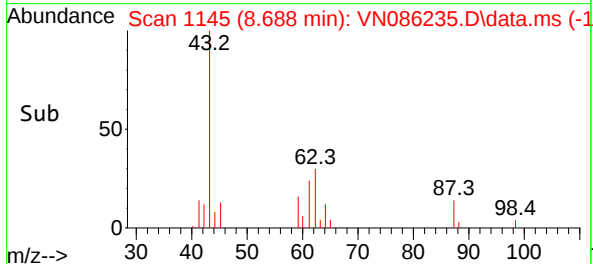
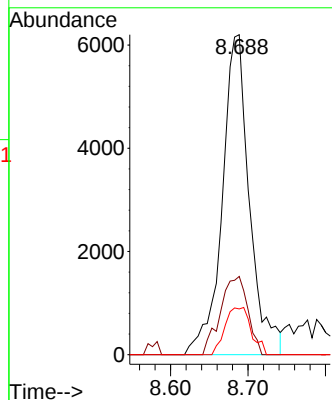
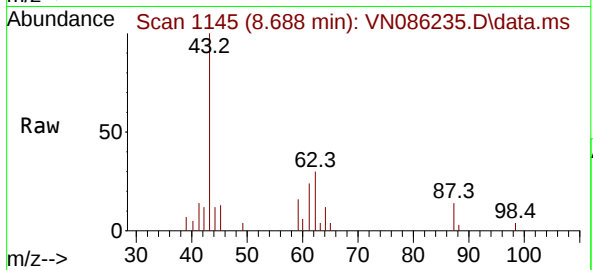




#43
Isopropyl Acetate
Concen: 14.127 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

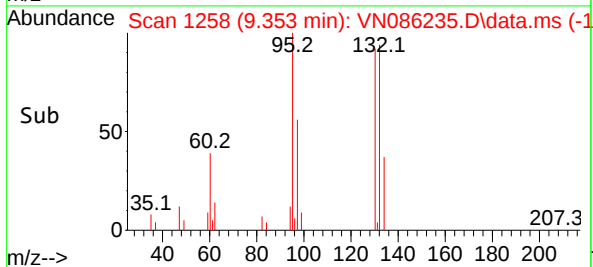
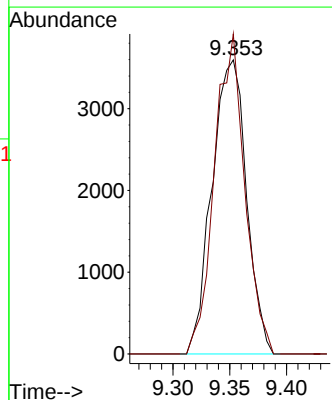
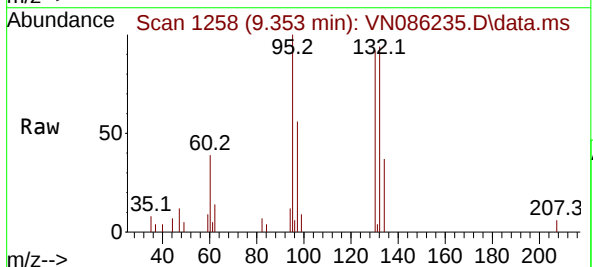
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

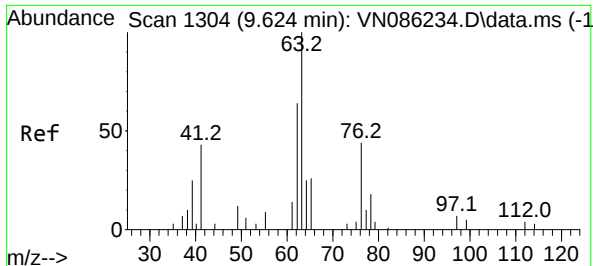
Tgt Ion: 43	Resp: 15217
Ion Ratio	Lower Upper
43	100
61	24.5 21.4 32.0
87	14.1 11.4 17.0



#44
Trichloroethene
Concen: 16.646 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 130	Resp: 7607
Ion Ratio	Lower Upper
130	100
95	108.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 15.686 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. -0.012 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

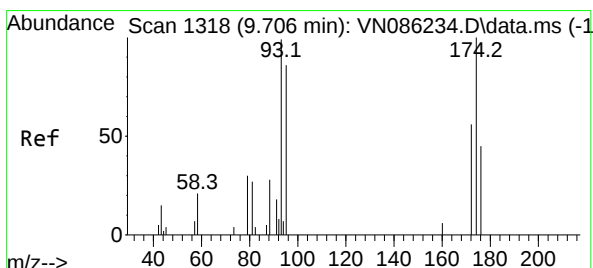
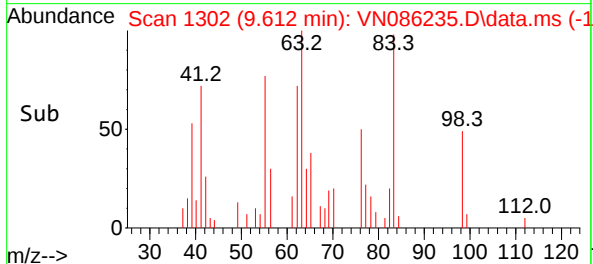
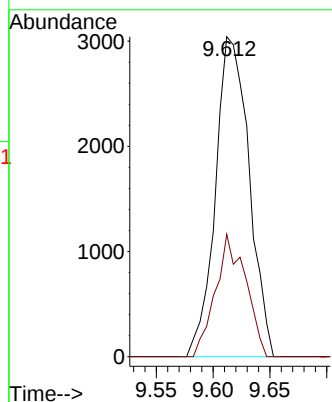
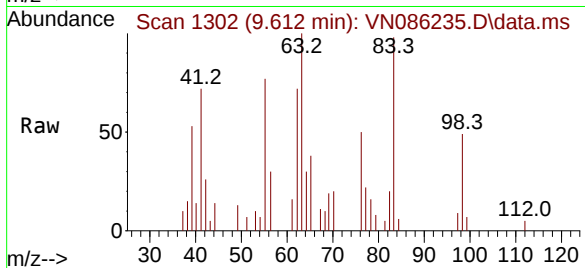
VSTDICC020

Tgt Ion: 63 Resp: 6259

Ion Ratio Lower Upper

63 100

65 38.2 20.6 31.0#



#46

Dibromomethane

Concen: 16.726 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

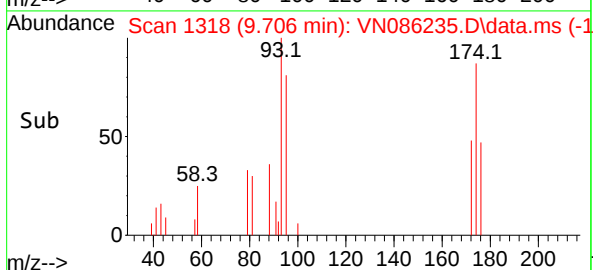
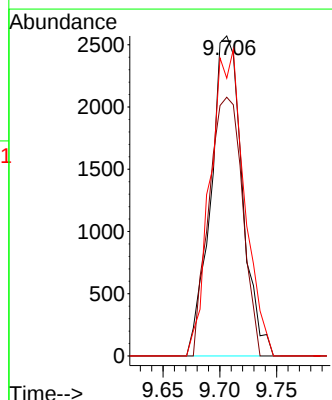
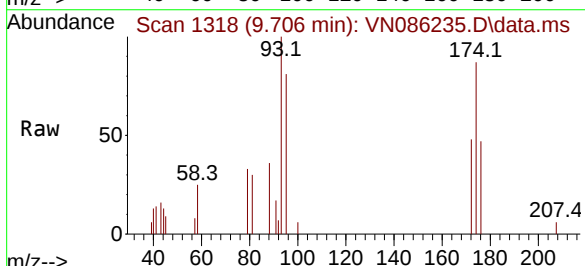
Tgt Ion: 93 Resp: 4947

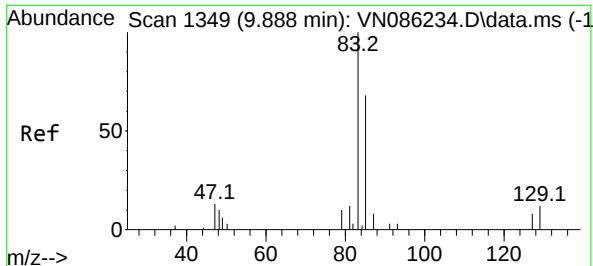
Ion Ratio Lower Upper

93 100

95 86.1 63.1 94.7

174 103.4 74.2 111.2





#47

Bromodichloromethane

Concen: 17.117 ug/l

RT: 9.883 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

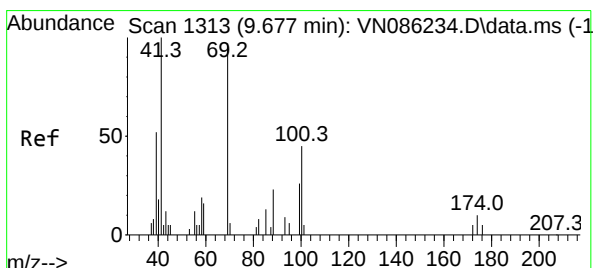
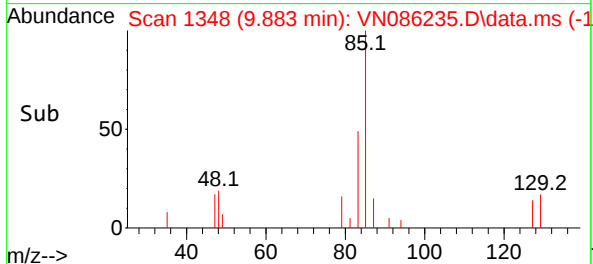
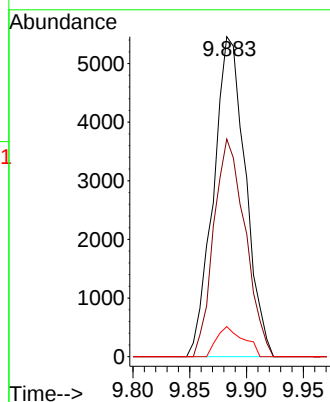
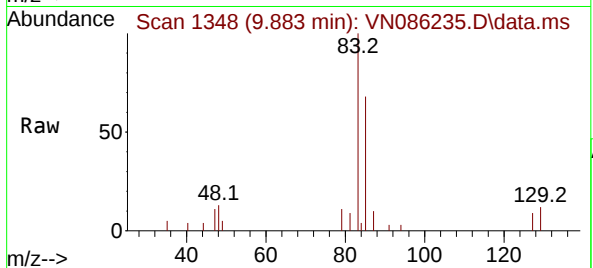
Tgt Ion: 83 Resp: 10671

Ion Ratio Lower Upper

83 100

85 68.0 54.0 81.0

127 9.4 6.4 9.6



#48

Methyl methacrylate

Concen: 16.427 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

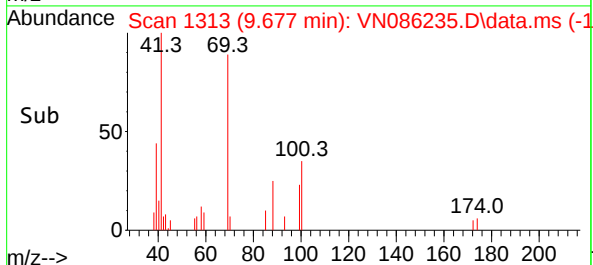
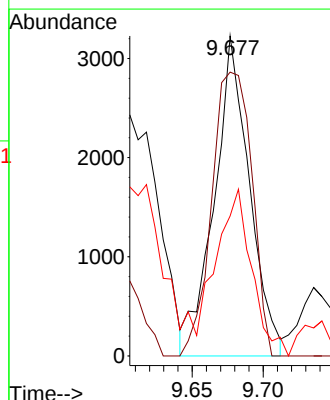
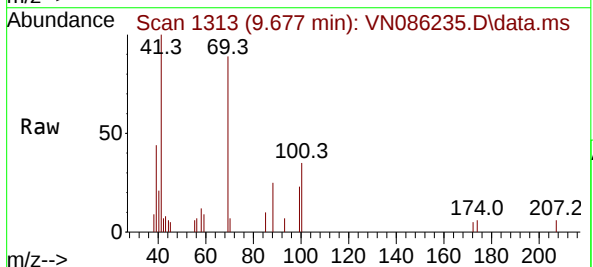
Tgt Ion: 41 Resp: 5566

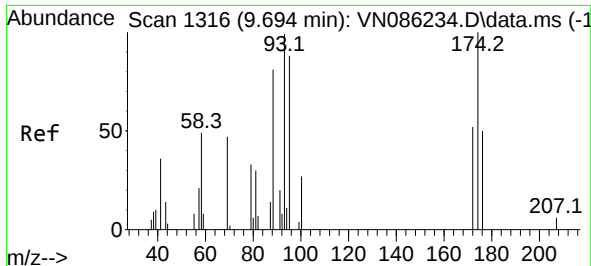
Ion Ratio Lower Upper

41 100

69 101.1 80.0 120.0

39 53.0 44.7 67.1





#49

1,4-Dioxane

Concen: 335.968 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

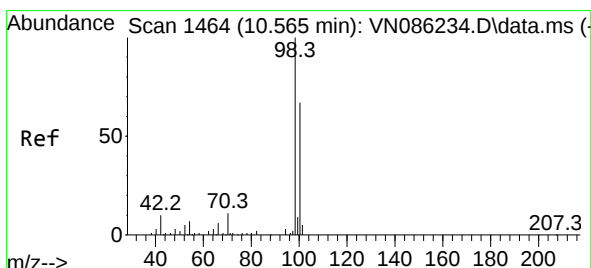
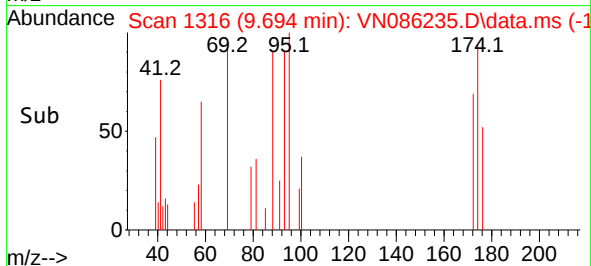
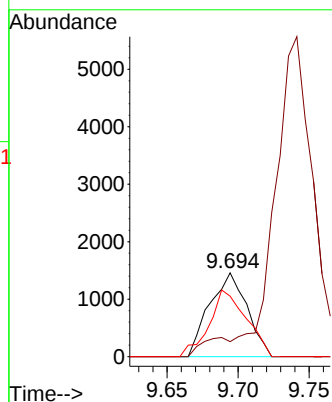
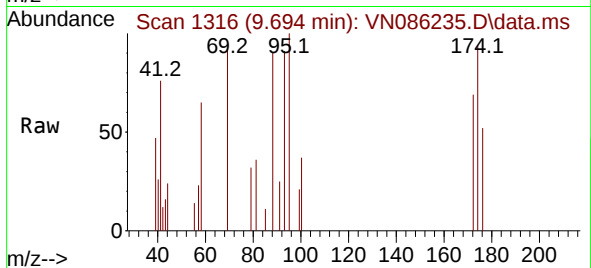
Tgt Ion: 88 Resp: 2683

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 78.3 52.2 78.2#



#50

Toluene-d8

Concen: 20.087 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086235.D

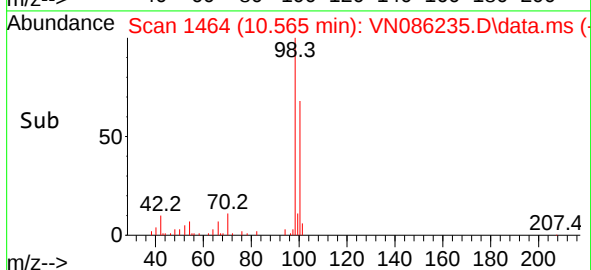
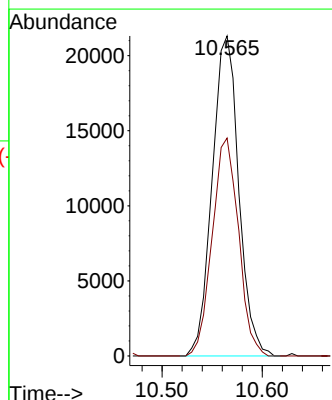
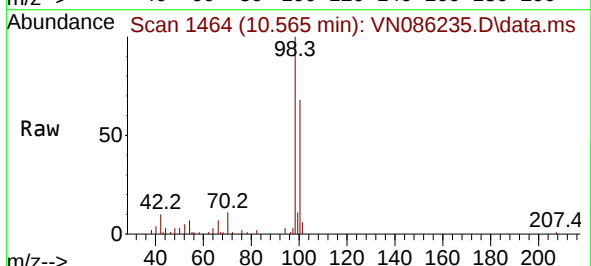
Acq: 07 Apr 2025 14:21

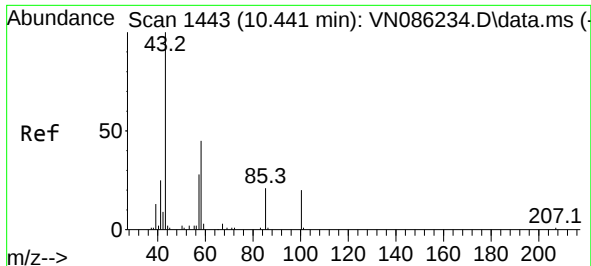
Tgt Ion: 98 Resp: 39245

Ion Ratio Lower Upper

98 100

100 67.4 53.0 79.6

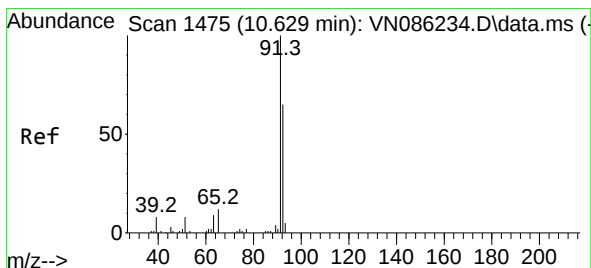
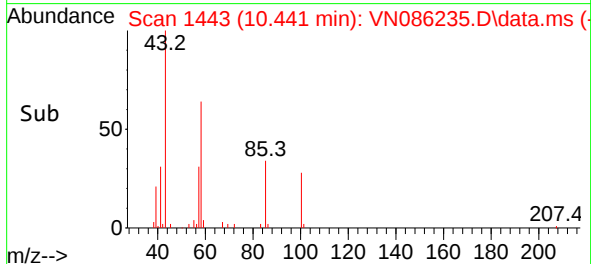
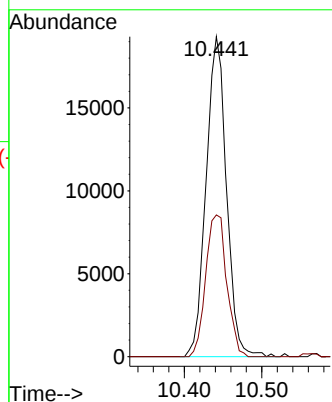
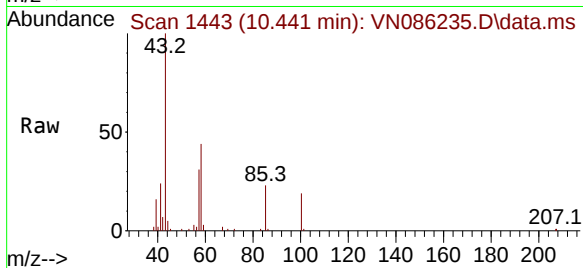




#51
4-Methyl-2-Pentanone
Concen: 78.681 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

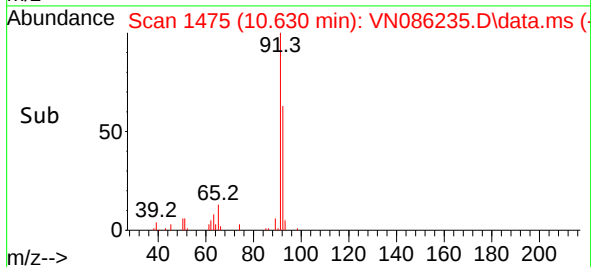
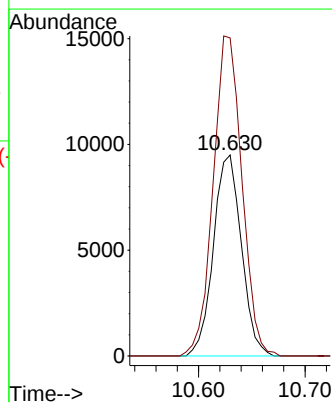
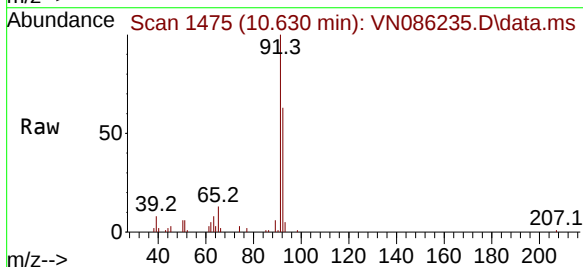
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

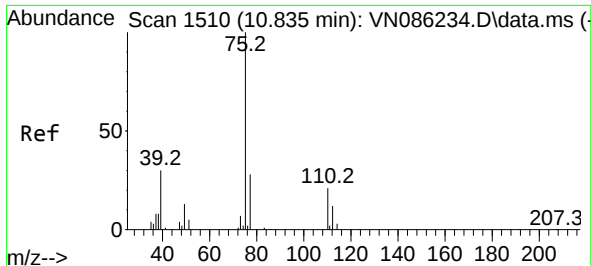
Tgt Ion: 43 Resp: 35206
Ion Ratio Lower Upper
43 100
58 45.8 36.2 54.4



#52
Toluene
Concen: 16.252 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 92 Resp: 17318
Ion Ratio Lower Upper
92 100
91 163.8 134.9 202.3

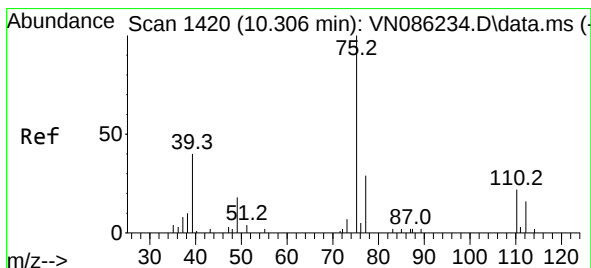
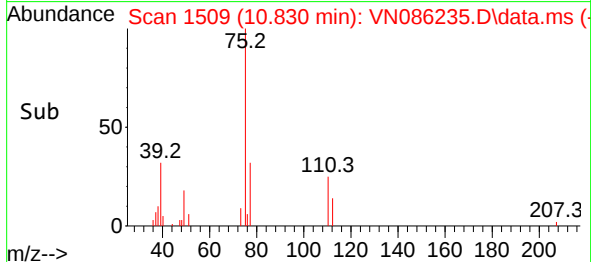
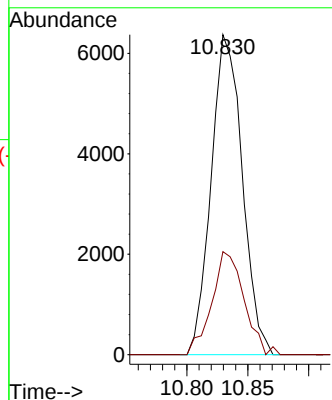
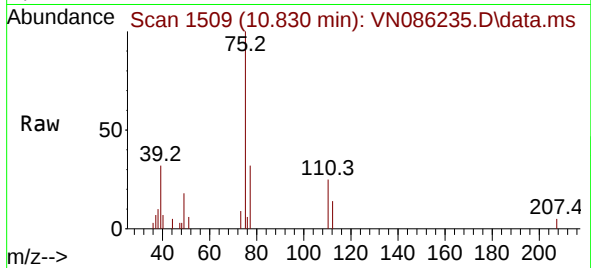




#53
t-1,3-Dichloropropene
Concen: 17.550 ug/l
RT: 10.830 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

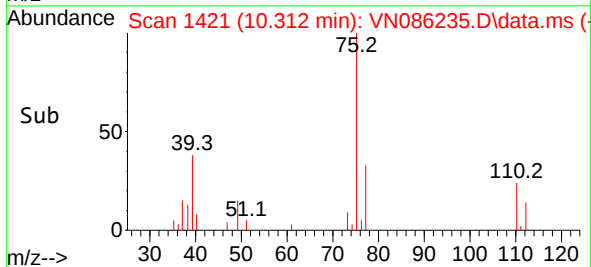
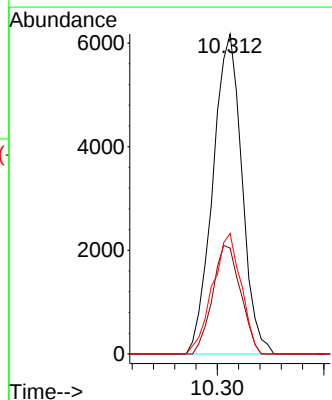
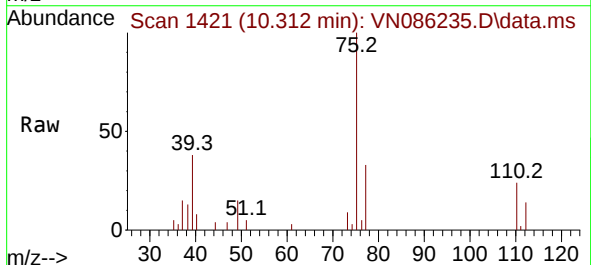
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

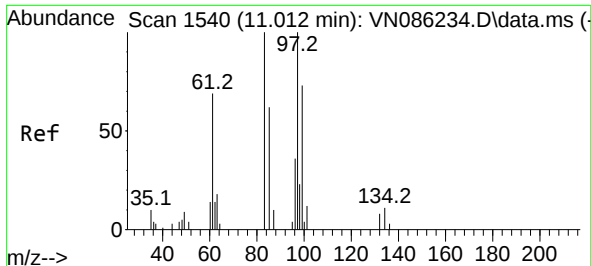
Tgt Ion: 75 Resp: 11325
Ion Ratio Lower Upper
75 100
77 32.2 22.2 33.2



#54
cis-1,3-Dichloropropene
Concen: 16.800 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 75 Resp: 11688
Ion Ratio Lower Upper
75 100
77 33.1 22.9 34.3
39 37.6 31.7 47.5

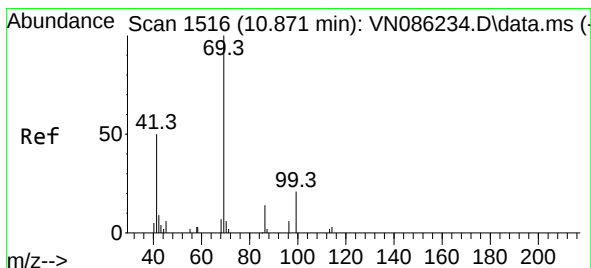
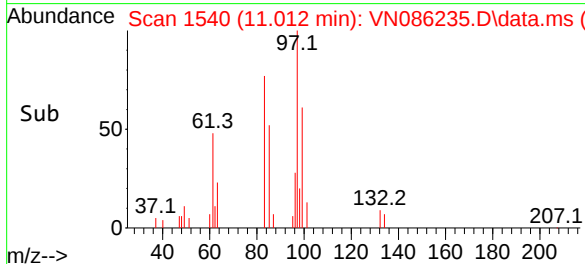
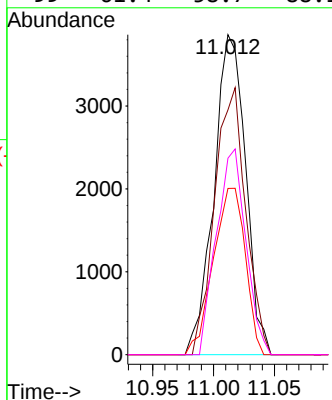
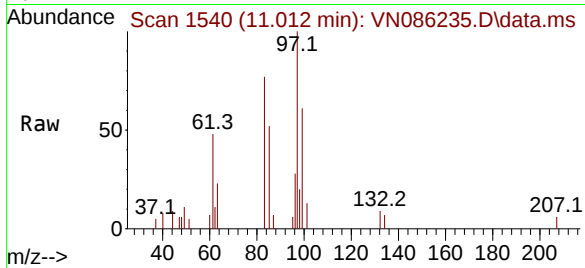




#55
1,1,2-Trichloroethane
Concen: 16.792 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

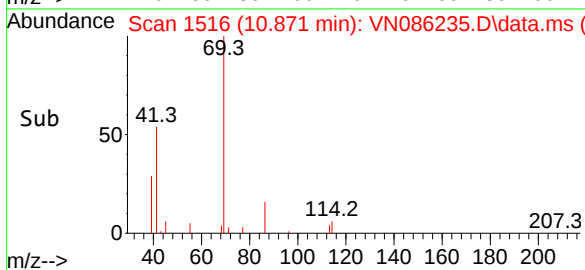
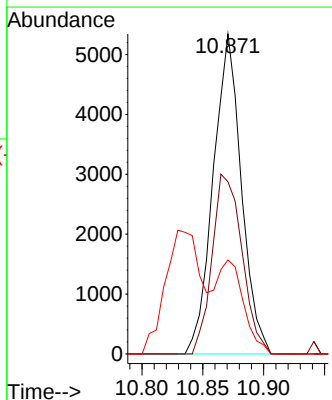
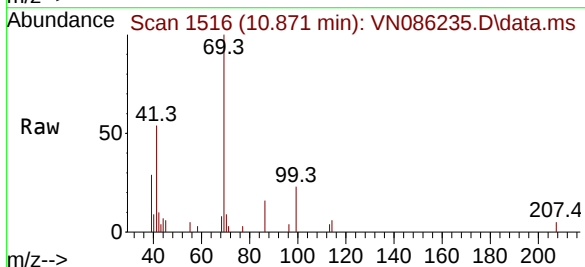
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

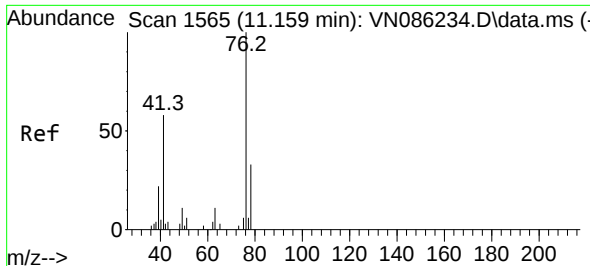
Tgt Ion:	97	Resp:	6989
Ion	Ratio	Lower	Upper
97	100		
83	76.5	80.2	120.4#
85	52.0	49.7	74.5
99	61.4	58.7	88.1



#56
Ethyl methacrylate
Concen: 16.415 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:	69	Resp:	8600
Ion	Ratio	Lower	Upper
69	100		
41	59.7	43.9	65.9
39	25.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 17.417 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

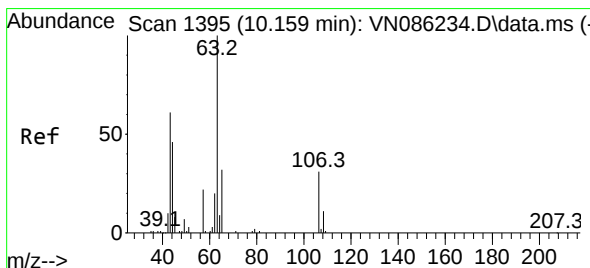
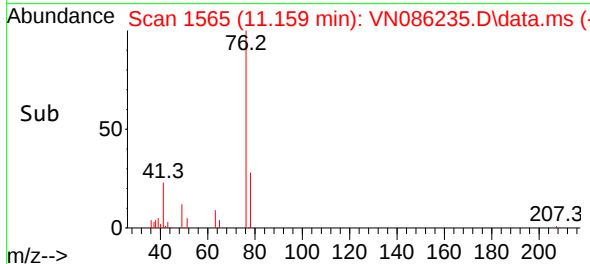
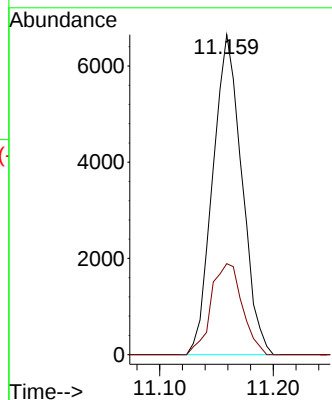
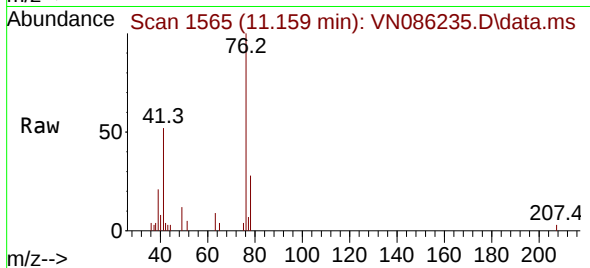
VSTDICC020

Tgt Ion: 76 Resp: 11822

Ion Ratio Lower Upper

76 100

78 30.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 140.493 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086235.D

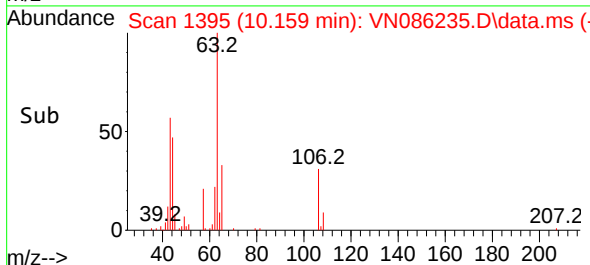
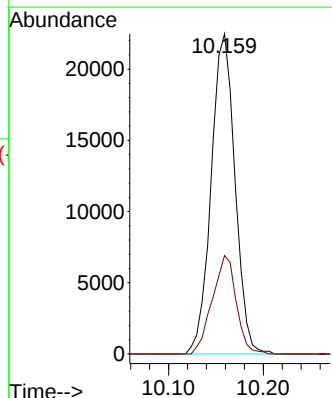
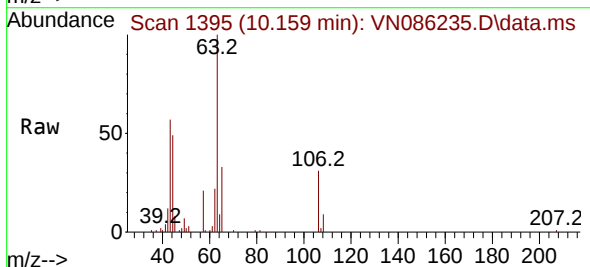
Acq: 07 Apr 2025 14:21

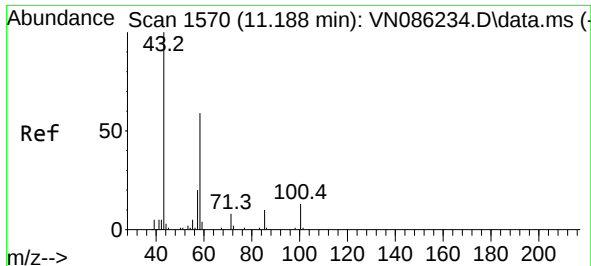
Tgt Ion: 63 Resp: 39294

Ion Ratio Lower Upper

63 100

106 30.9 24.1 36.1

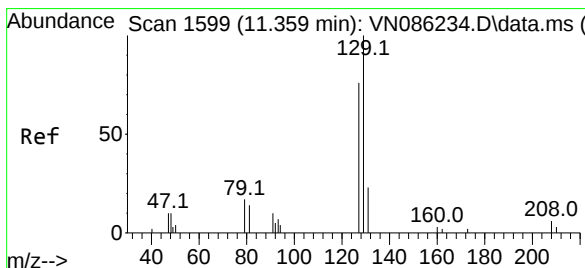
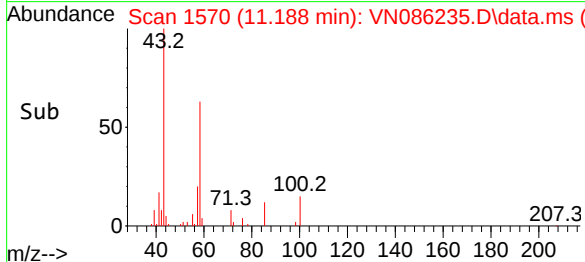
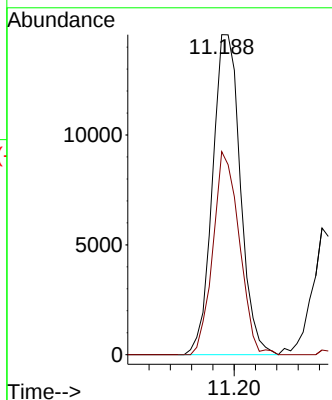
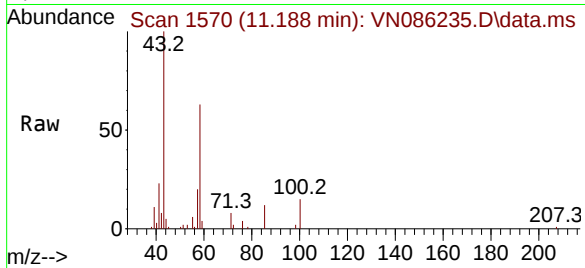




#59
2-Hexanone
Concen: 83.912 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

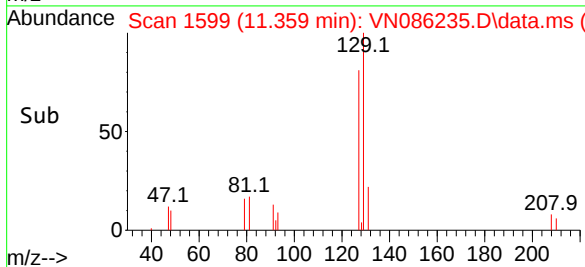
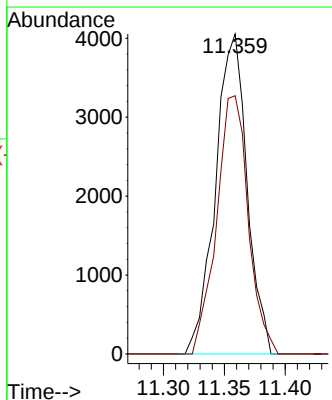
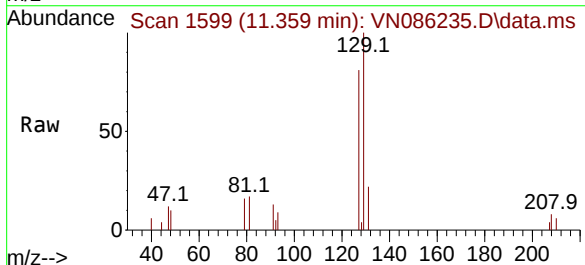
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

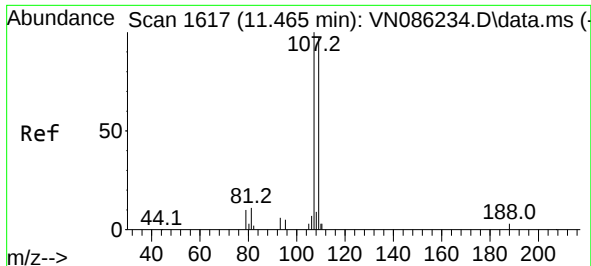
Tgt Ion: 43 Resp: 26360
Ion Ratio Lower Upper
43 100
58 60.1 32.2 96.6



#60
Dibromochloromethane
Concen: 15.001 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 129 Resp: 7326
Ion Ratio Lower Upper
129 100
127 81.0 39.8 119.3

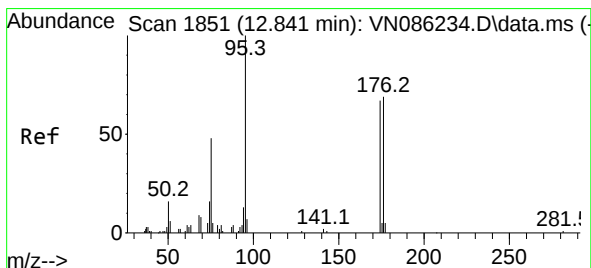
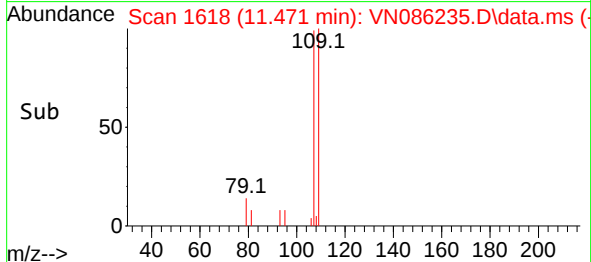
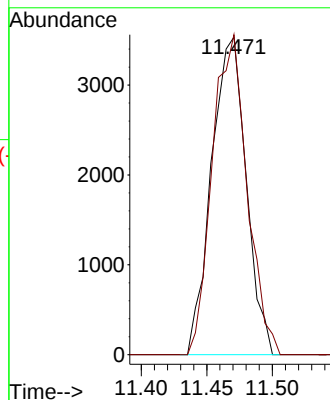
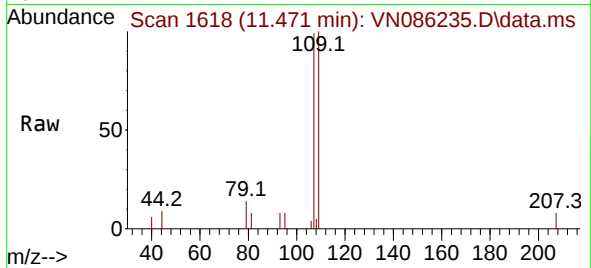




#61
1,2-Dibromoethane
Concen: 16.764 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

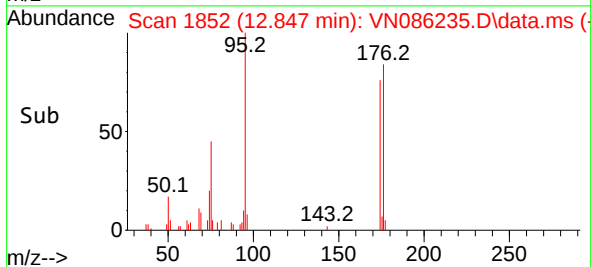
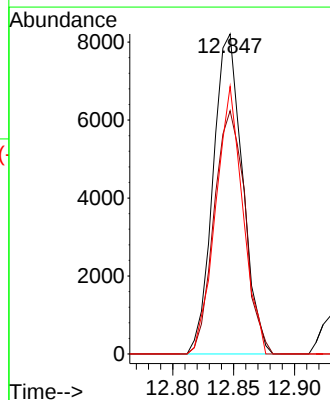
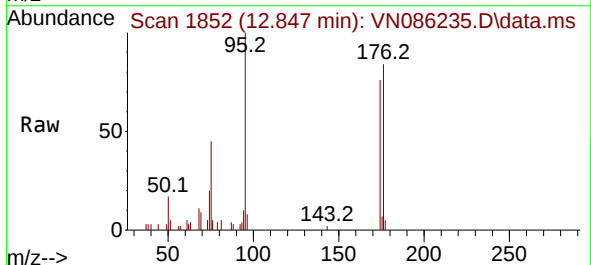
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

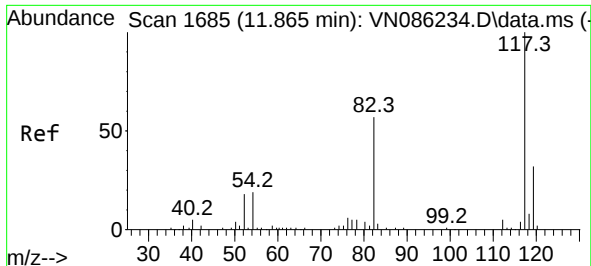
Tgt Ion:107 Resp: 6486
Ion Ratio Lower Upper
107 100
109 101.2 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 20.010 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 95 Resp: 13817
Ion Ratio Lower Upper
95 100
174 79.9 0.0 150.0
176 77.4 0.0 145.0

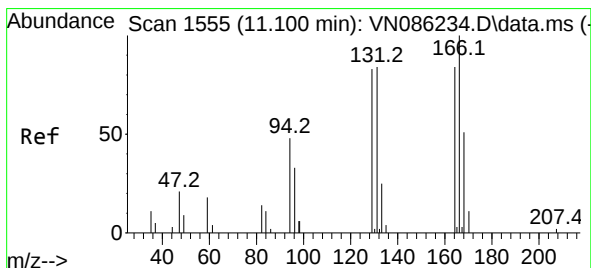
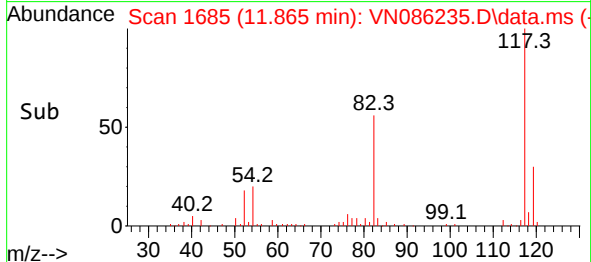
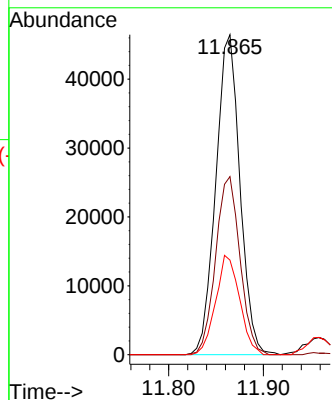
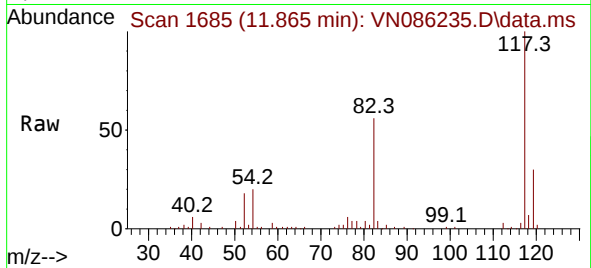




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

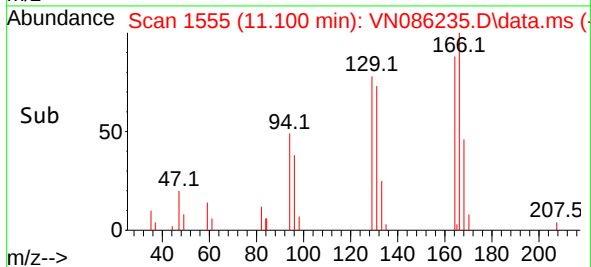
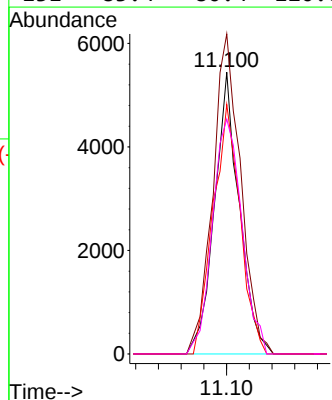
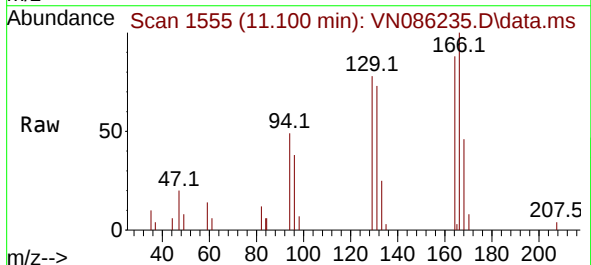
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

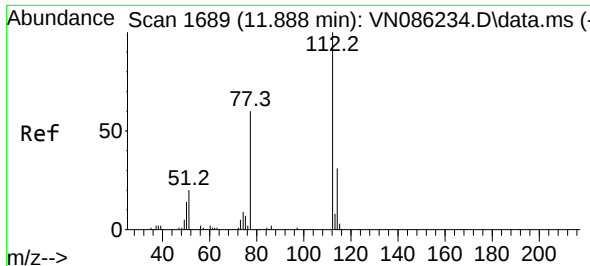
Tgt Ion:117 Resp: 82443
Ion Ratio Lower Upper
117 100
82 55.6 45.6 68.4
119 29.5 25.9 38.9



#64
Tetrachloroethene
Concen: 16.988 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:164 Resp: 8257
Ion Ratio Lower Upper
164 100
166 113.6 95.7 143.5
129 88.5 79.4 119.0
131 83.4 80.4 120.6

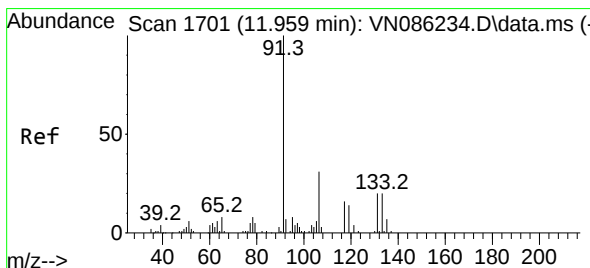
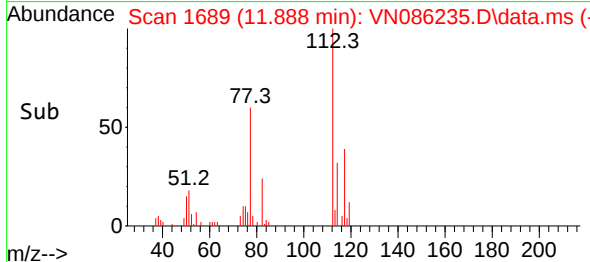
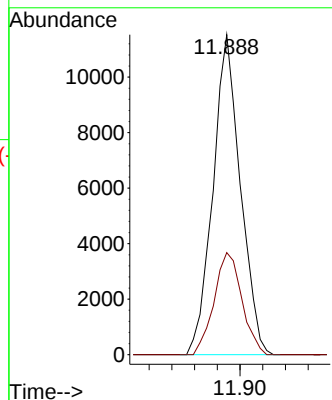
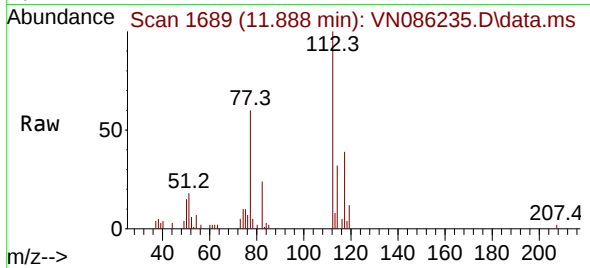




#65
Chlorobenzene
Concen: 16.041 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

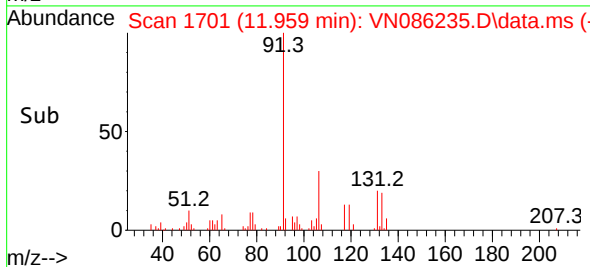
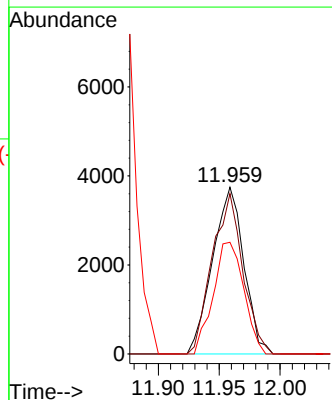
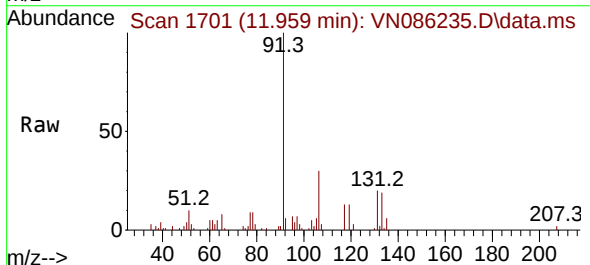
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

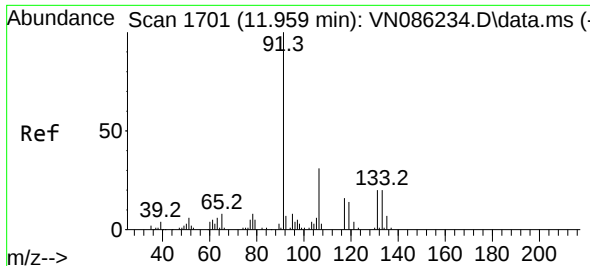
Tgt Ion:112 Resp: 19321
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 15.614 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:131 Resp: 6696
Ion Ratio Lower Upper
131 100
133 94.5 49.0 147.0
119 65.5 32.5 97.5

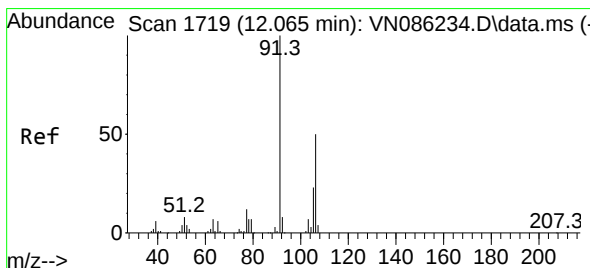
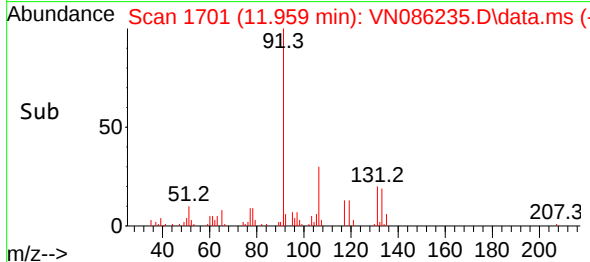
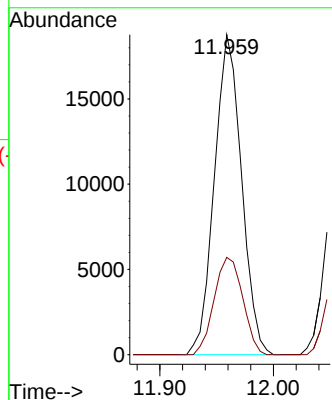
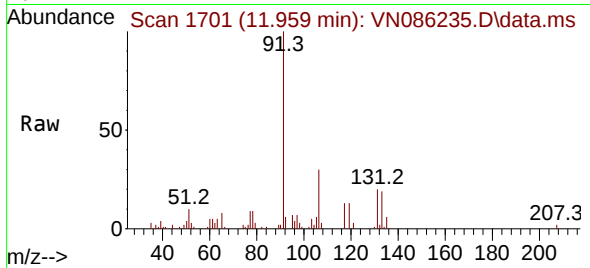




#67
Ethyl Benzene
Concen: 16.305 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

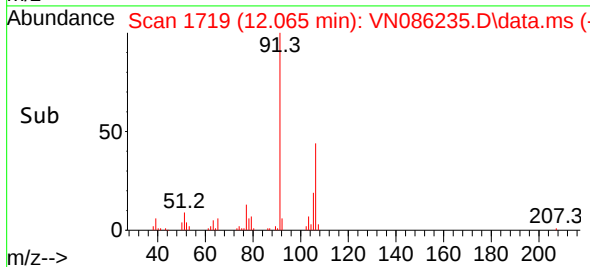
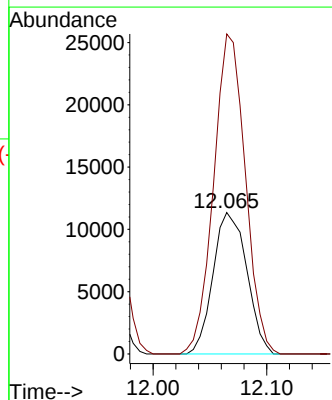
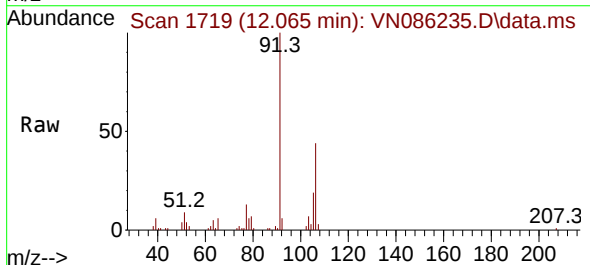
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

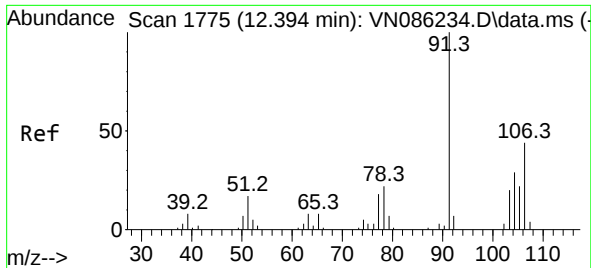
Tgt Ion: 91 Resp: 31134
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7



#68
m/p-Xylenes
Concen: 32.110 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 106 Resp: 23441
Ion Ratio Lower Upper
106 100
91 212.6 156.7 235.1

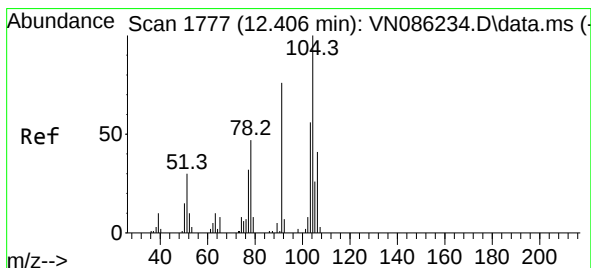
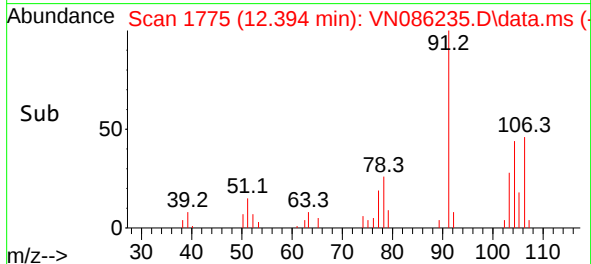
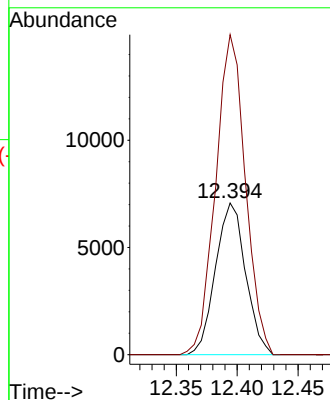
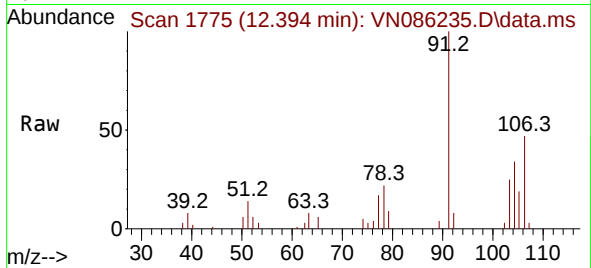




#69
o-Xylene
Concen: 16.832 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

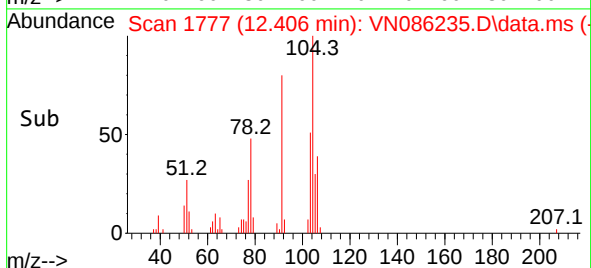
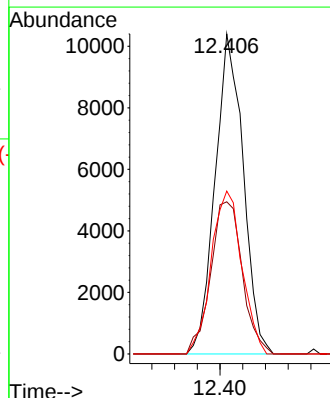
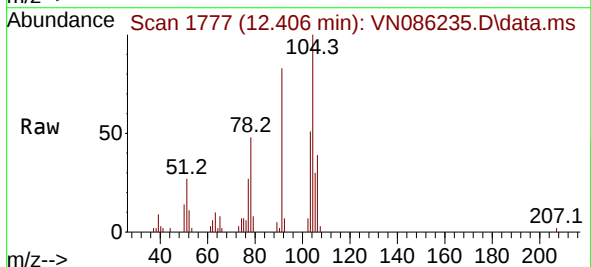
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

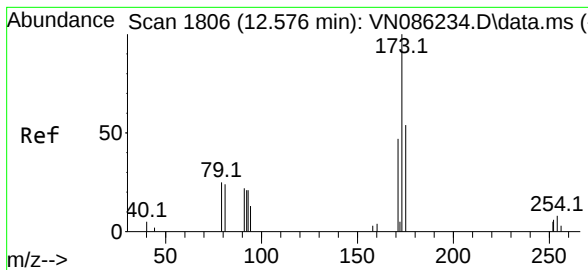
Tgt Ion:106 Resp: 12146
Ion Ratio Lower Upper
106 100
91 208.8 109.0 327.0



#70
Styrene
Concen: 16.313 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:104 Resp: 17878
Ion Ratio Lower Upper
104 100
78 53.4 43.0 64.4
103 55.4 44.3 66.5

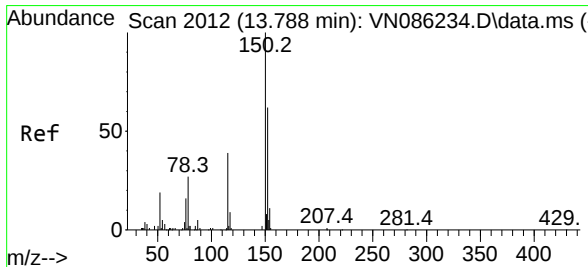
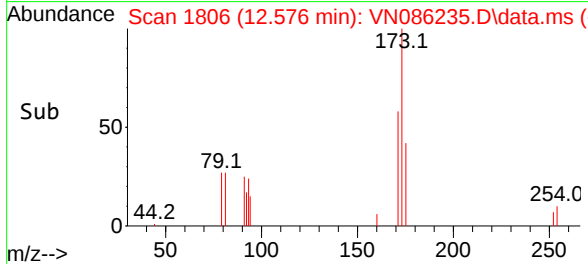
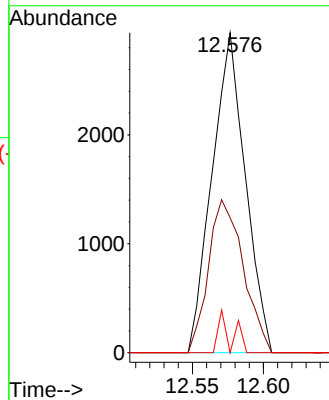
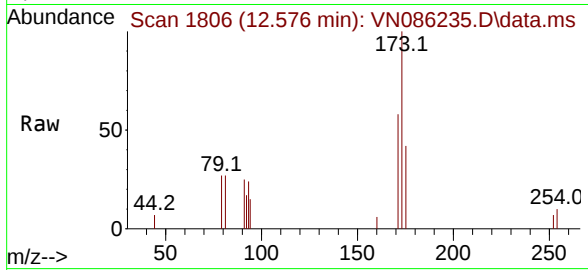




#71
Bromoform
Concen: 15.069 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

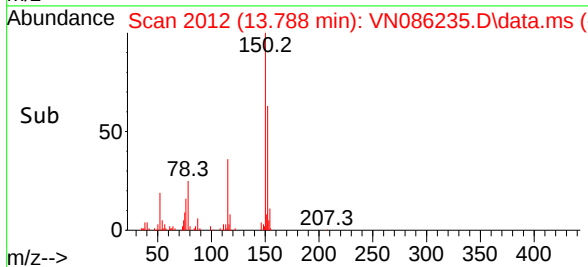
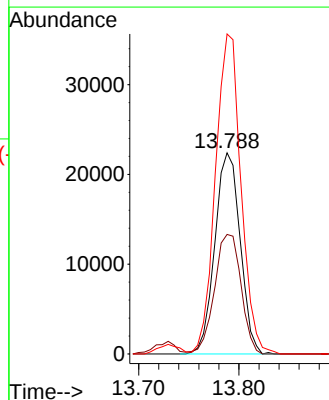
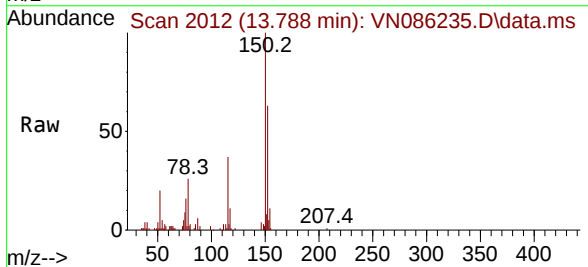
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

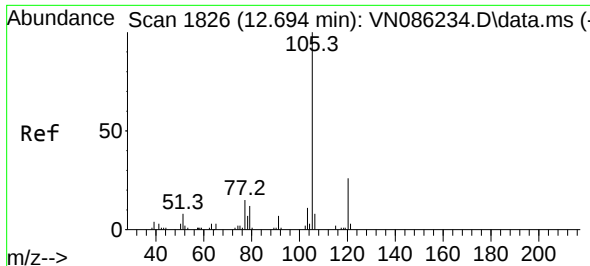
Tgt Ion:173 Resp: 4778
Ion Ratio Lower Upper
173 100
175 50.1 24.8 74.3
254 5.1 6.3 9.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion:152 Resp: 39236
Ion Ratio Lower Upper
152 100
115 62.4 31.2 93.6
150 160.4 0.0 333.2

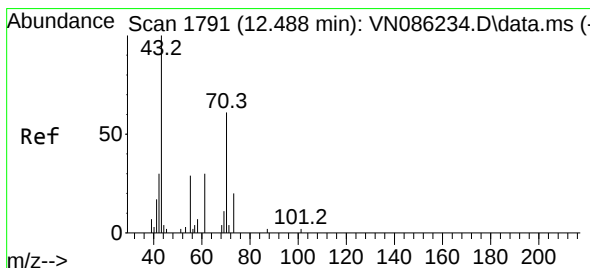
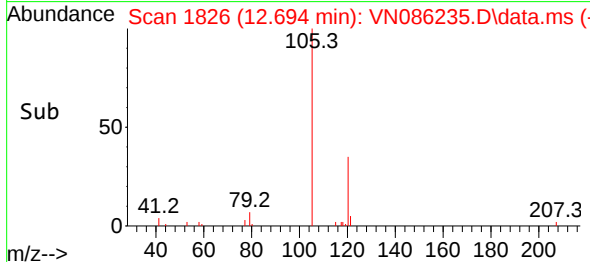
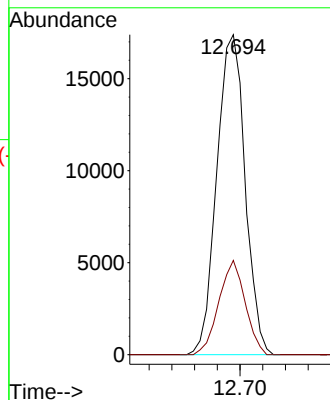
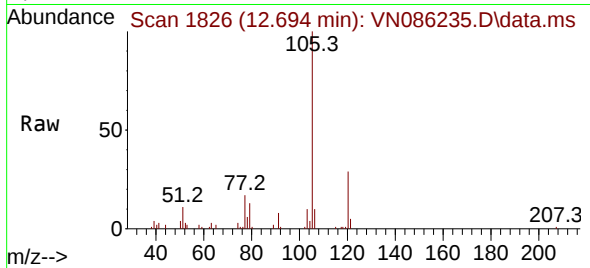




#73
Isopropylbenzene
Concen: 16.756 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

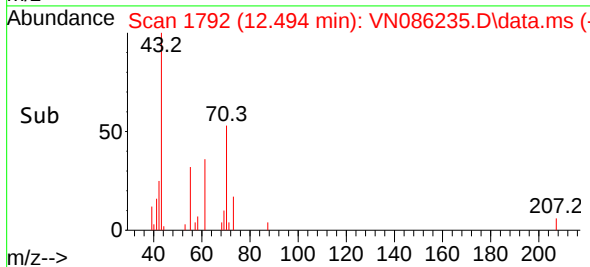
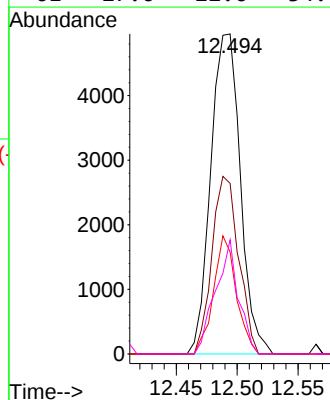
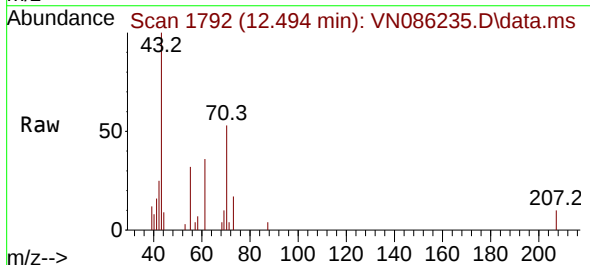
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

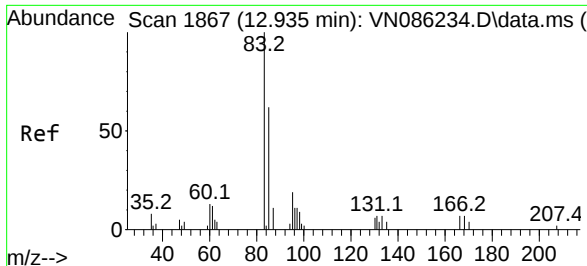
Tgt Ion:105 Resp: 30094
Ion Ratio Lower Upper
105 100
120 27.4 12.7 38.0



#74
N-ethyl acetate
Concen: 15.377 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 43 Resp: 8379
Ion Ratio Lower Upper
43 100
70 49.9 43.5 65.3
55 28.4 24.8 37.2
61 27.6 22.6 34.0

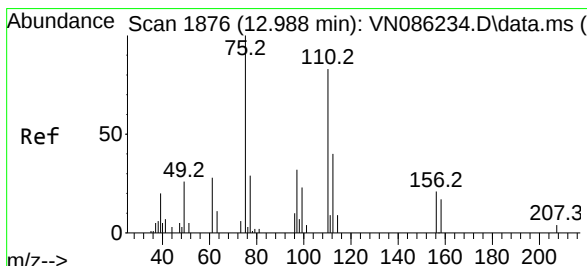
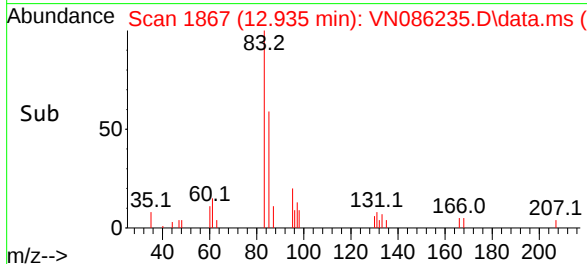
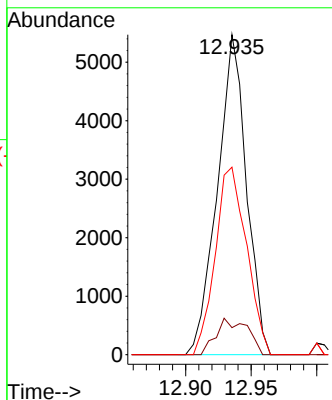
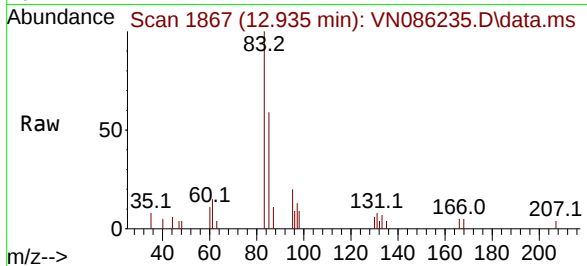




#75
 1,1,2,2-Tetrachloroethane
 Concen: 15.566 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

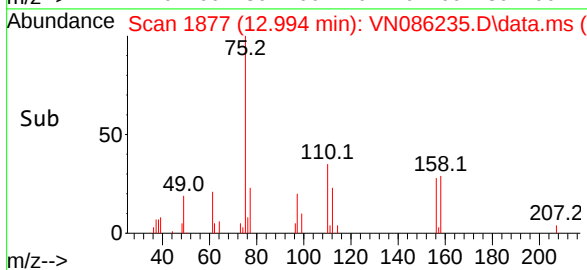
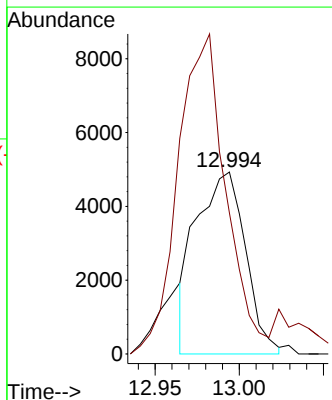
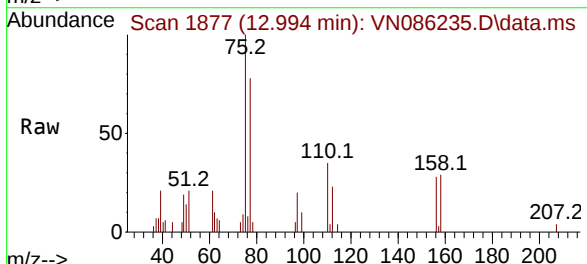
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

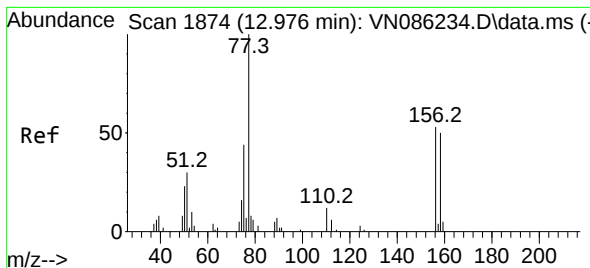
Tgt Ion: 83 Resp: 8425
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.3 15.8
 85 63.1 29.6 88.9



#76
 1,2,3-Trichloropropane
 Concen: 16.525 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Tgt Ion: 75 Resp: 10029
 Ion Ratio Lower Upper
 75 100
 77 170.6 85.4 256.1





#77

Bromobenzene

Concen: 15.709 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

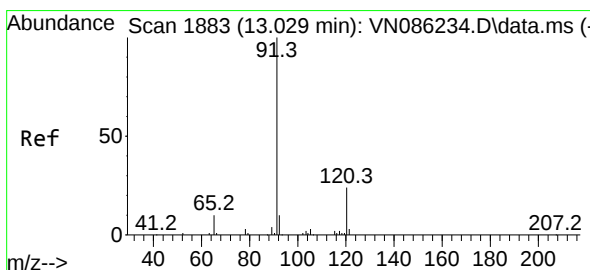
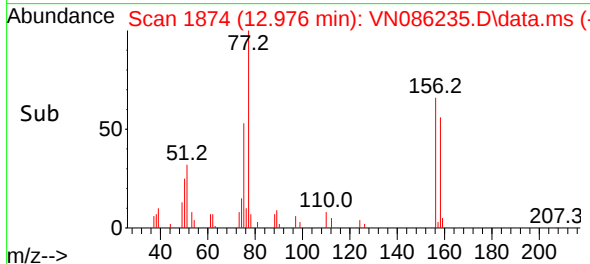
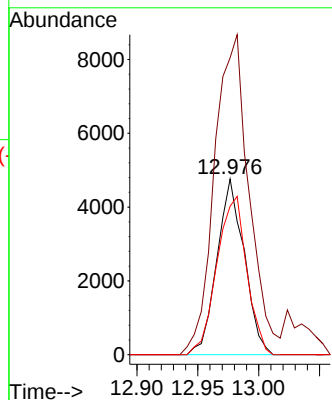
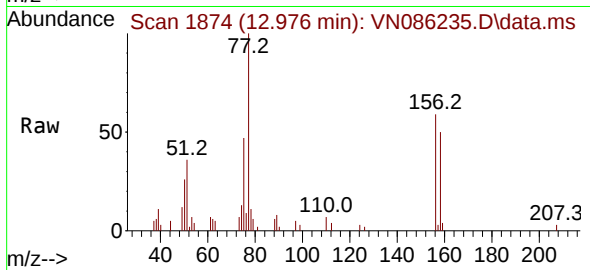
Tgt Ion:156 Resp: 7416

Ion Ratio Lower Upper

156 100

77 230.7 108.3 325.0

158 98.7 49.1 147.4



#78

n-propylbenzene

Concen: 16.481 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN086235.D

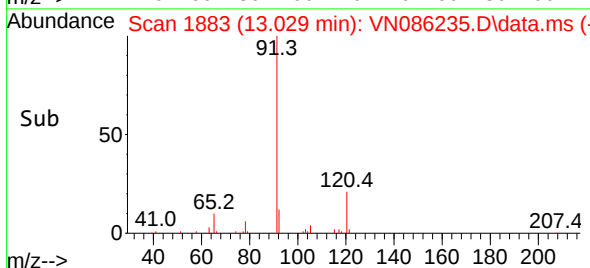
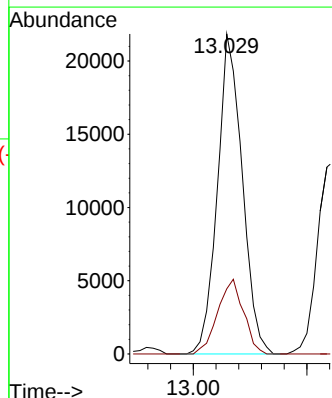
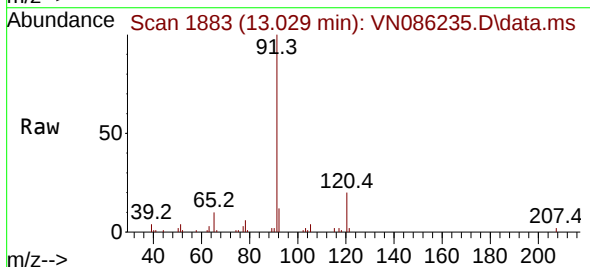
Acq: 07 Apr 2025 14:21

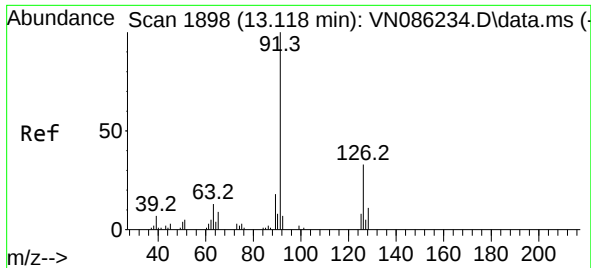
Tgt Ion: 91 Resp: 33105

Ion Ratio Lower Upper

91 100

120 24.3 11.2 33.5

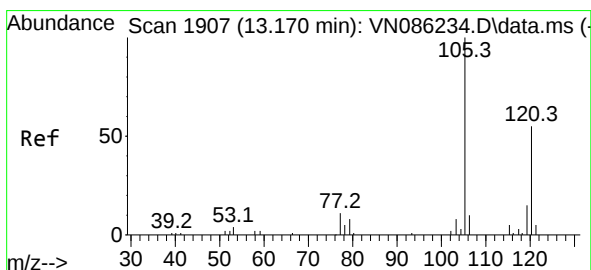
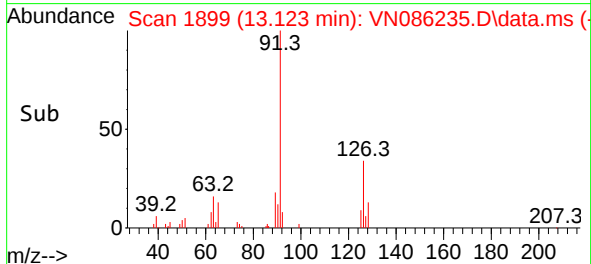
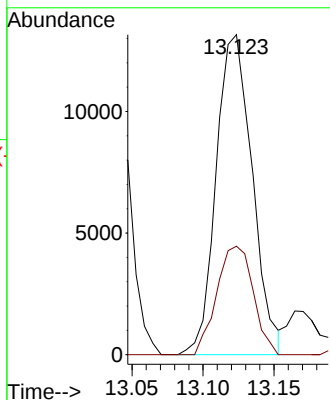
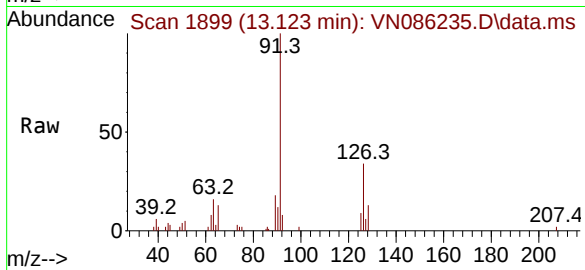




#79
2-Chlorotoluene
Concen: 16.648 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

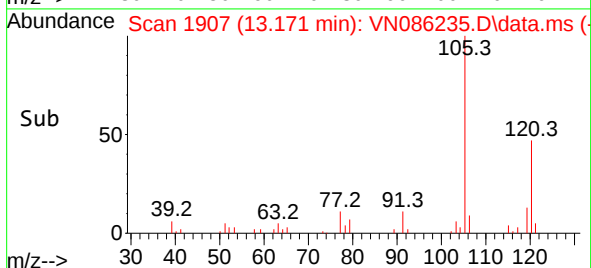
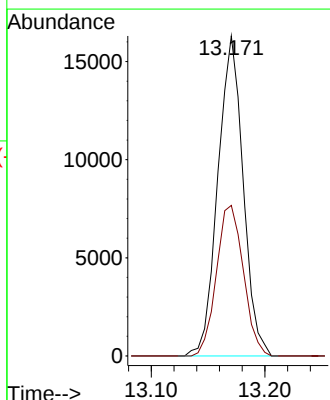
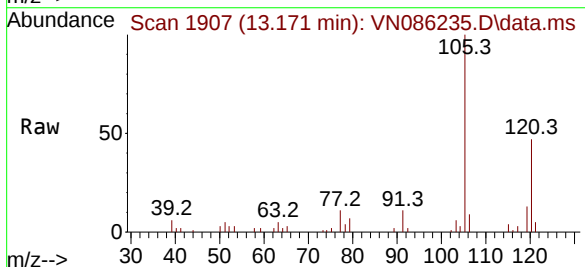
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

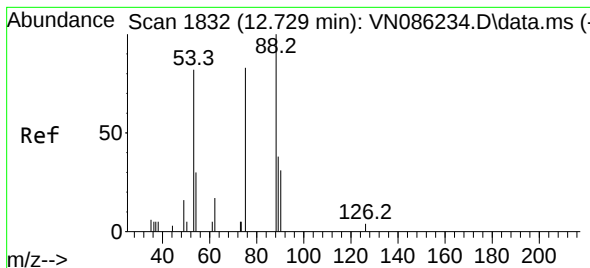
Tgt Ion: 91 Resp: 23249
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 17.129 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 105 Resp: 25170
Ion Ratio Lower Upper
105 100
120 50.2 24.6 74.0

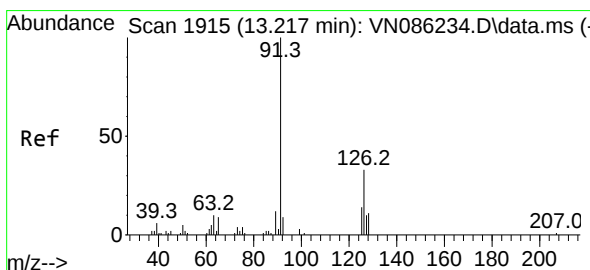
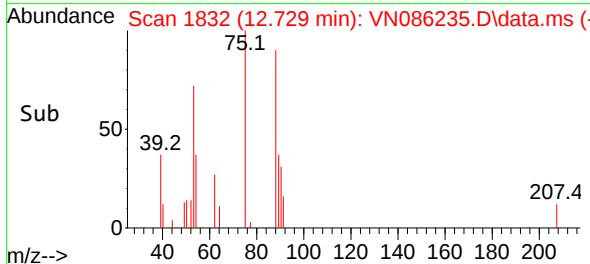
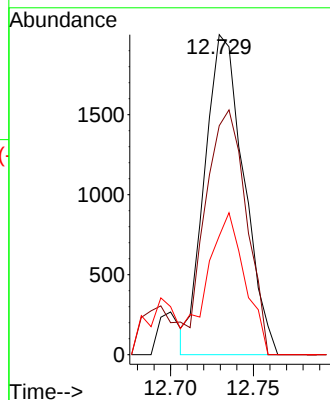
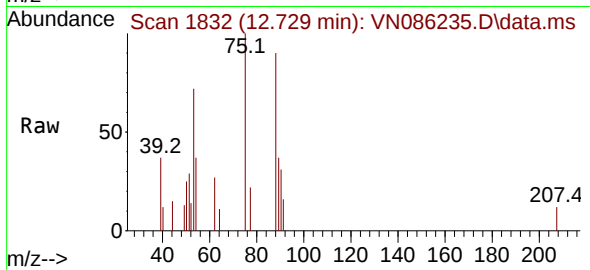




#81
trans-1,4-Dichloro-2-butene
Concen: 18.323 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

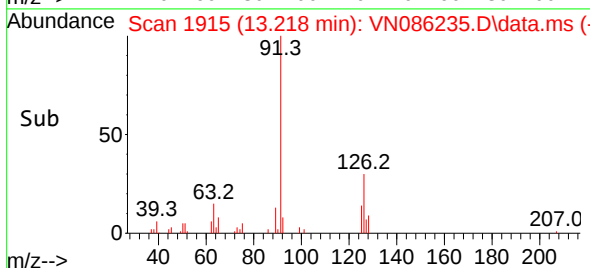
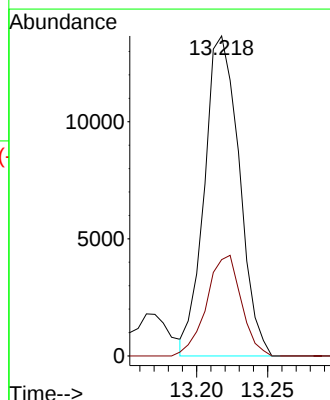
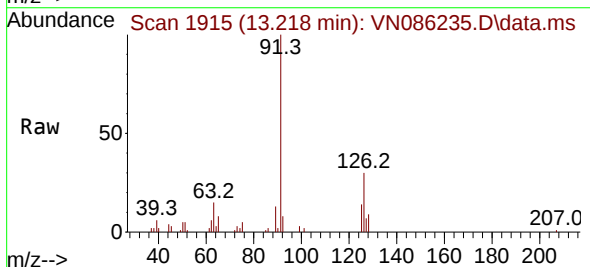
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

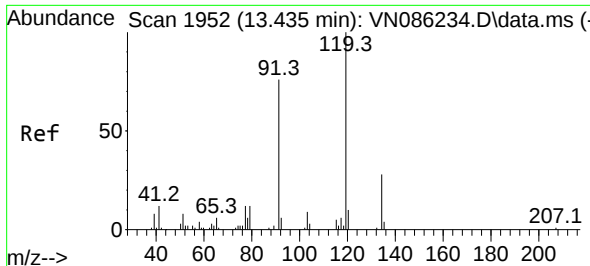
Tgt Ion: 75 Resp: 3286
Ion Ratio Lower Upper
75 100
53 82.3 71.9 107.9
89 42.8 36.4 54.6



#82
4-Chlorotoluene
Concen: 17.170 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086235.D
Acq: 07 Apr 2025 14:21

Tgt Ion: 91 Resp: 23287
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

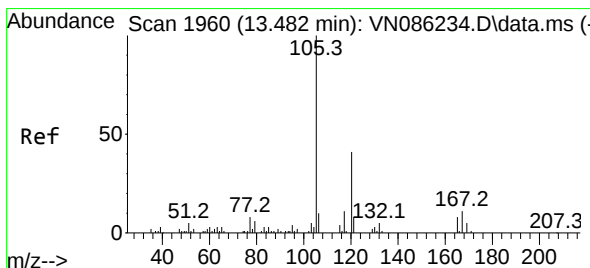
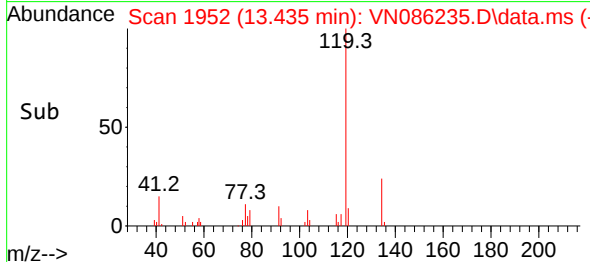
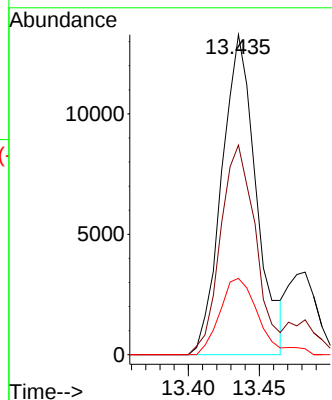
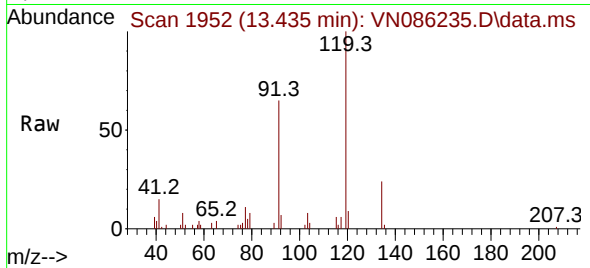




#83
 tert-Butylbenzene
 Concen: 17.887 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

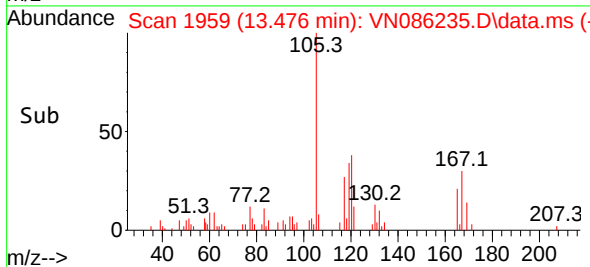
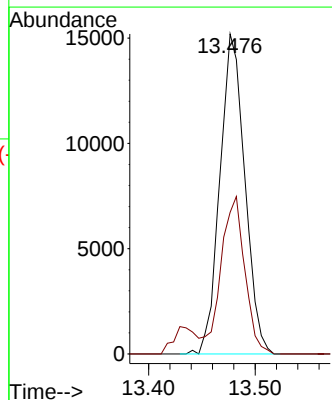
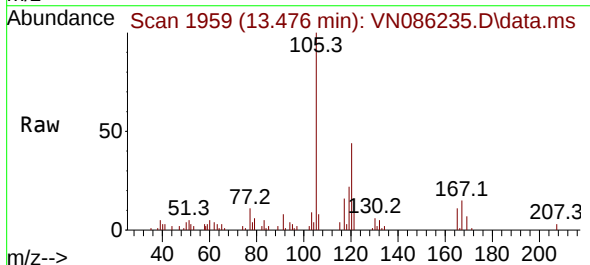
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

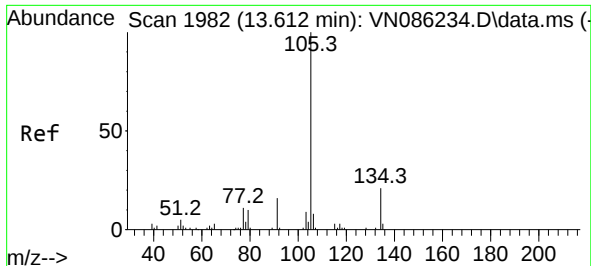
Tgt Ion:	119	Resp:	22467
Ion	Ratio	Lower	Upper
119	100		
91	66.9	35.9	107.5
134	26.8	13.3	39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 16.922 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Tgt Ion:	105	Resp:	24612
Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.7	68.1

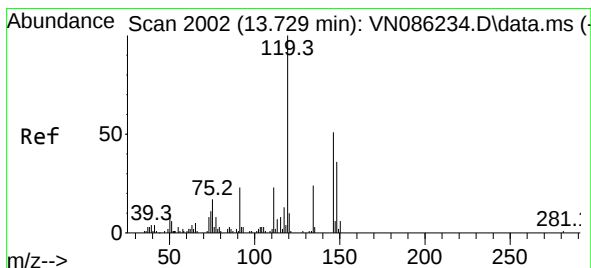
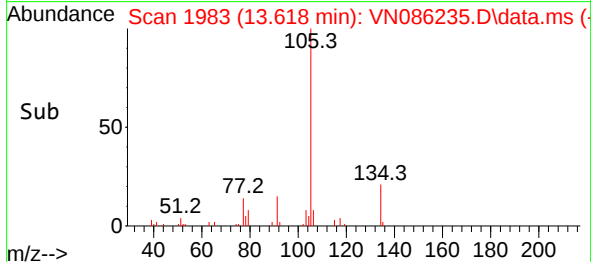
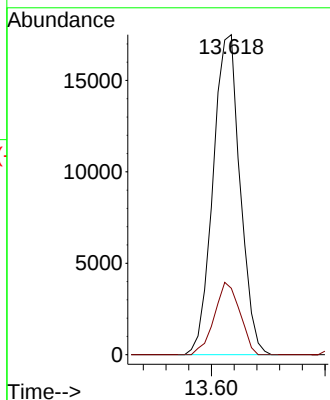
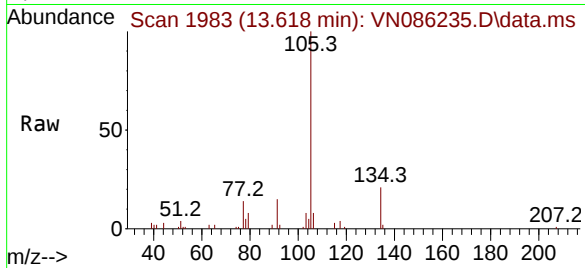




#85
 sec-Butylbenzene
 Concen: 17.428 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

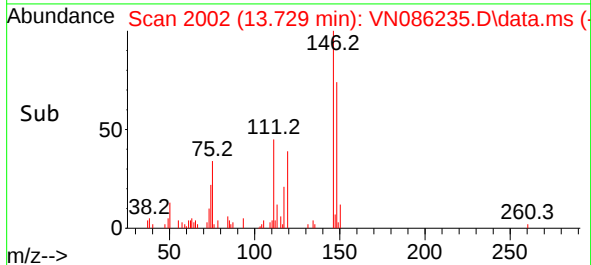
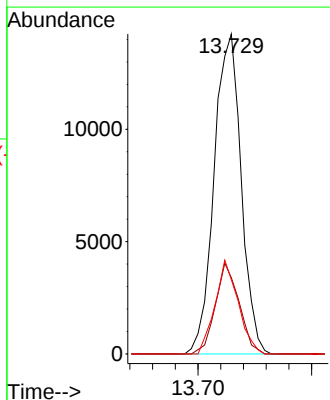
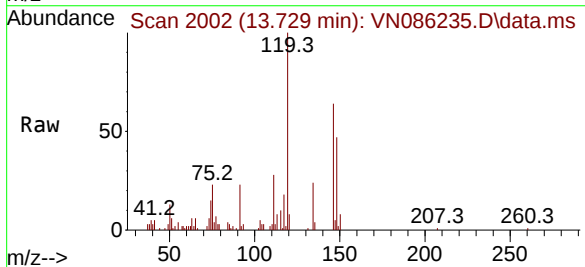
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

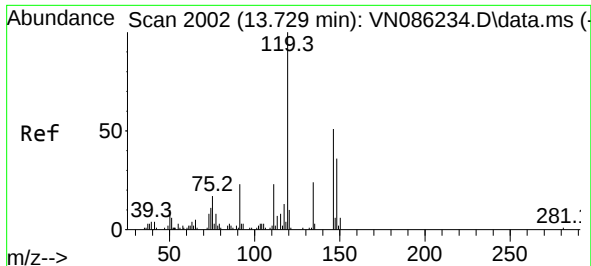
Tgt Ion:105 Resp: 28891
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 17.127 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Tgt Ion:119 Resp: 23553
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.9 38.6
 91 25.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 16.639 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

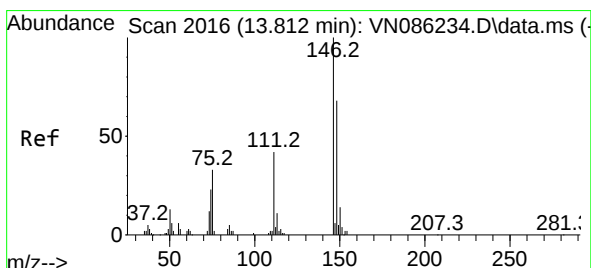
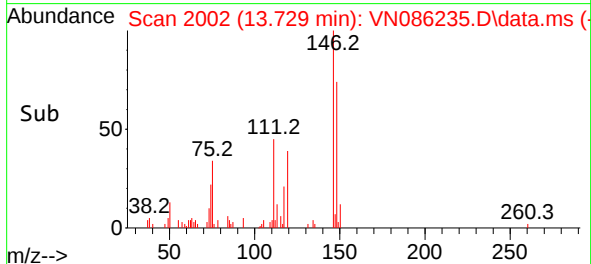
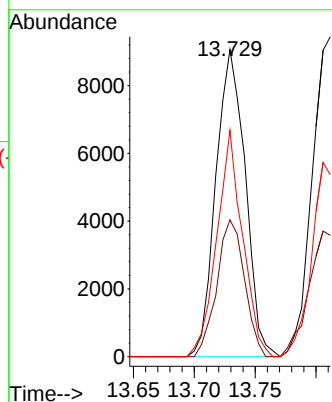
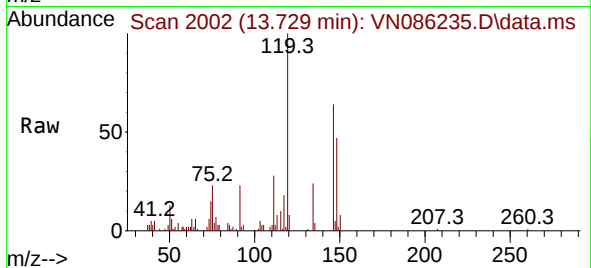
Tgt Ion:146 Resp: 15201

Ion Ratio Lower Upper

146 100

111 42.0 21.3 64.0

148 64.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 16.898 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

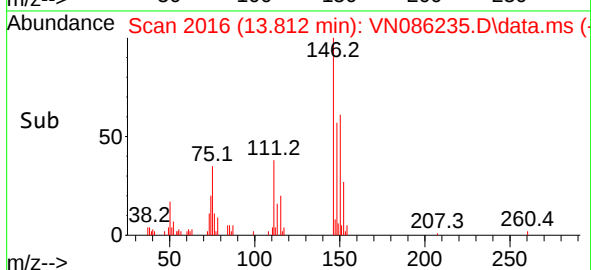
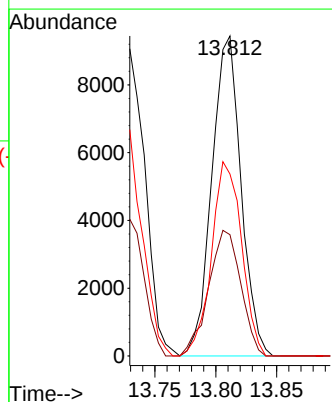
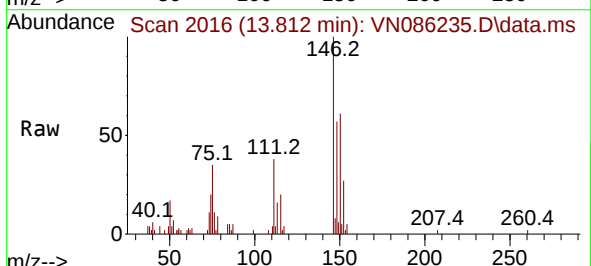
Tgt Ion:146 Resp: 15791

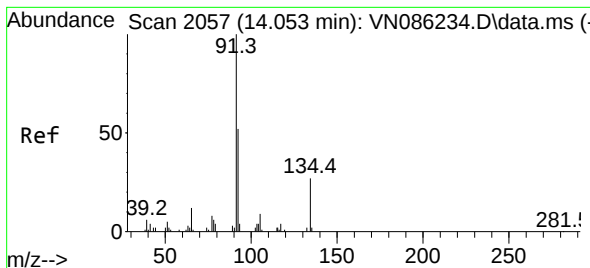
Ion Ratio Lower Upper

146 100

111 43.2 22.3 66.8

148 62.4 33.4 100.2





#89

n-Butylbenzene

Concen: 16.643 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

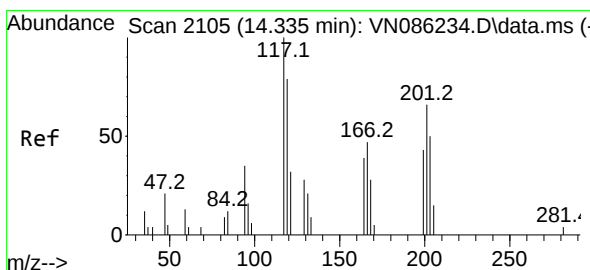
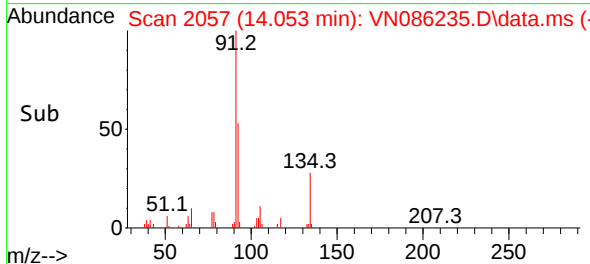
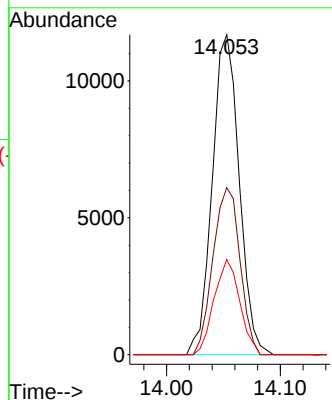
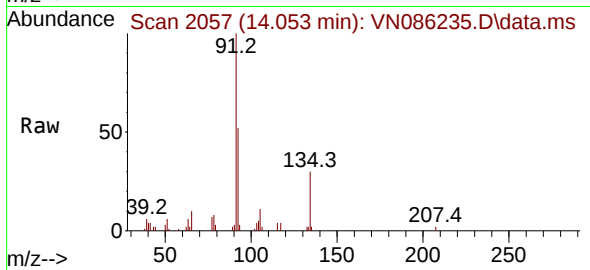
Tgt Ion: 91 Resp: 19233

Ion Ratio Lower Upper

91 100

92 52.3 25.1 75.4

134 28.3 13.4 40.1



#90

Hexachloroethane

Concen: 16.340 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086235.D

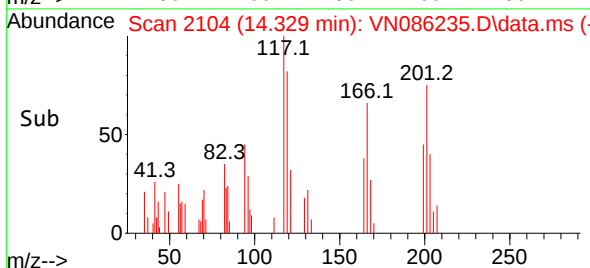
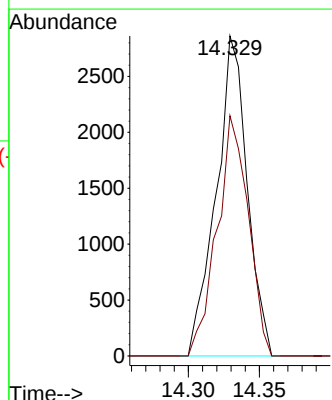
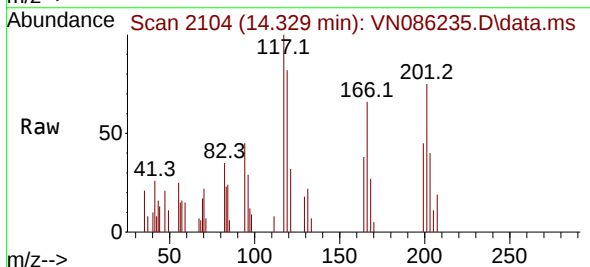
Acq: 07 Apr 2025 14:21

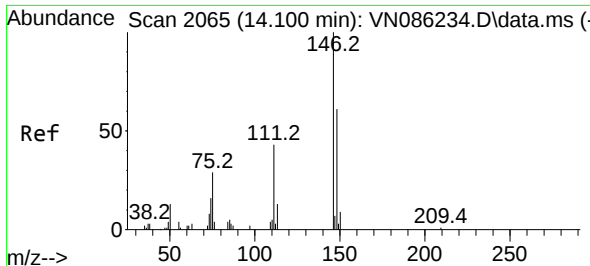
Tgt Ion: 117 Resp: 4357

Ion Ratio Lower Upper

117 100

201 75.3 37.9 113.6

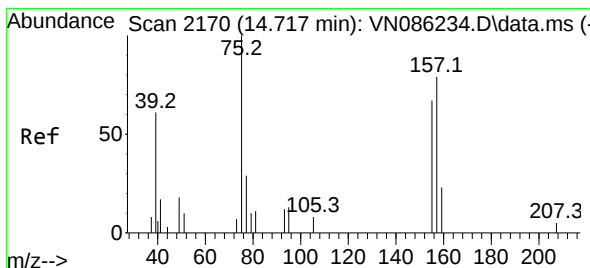
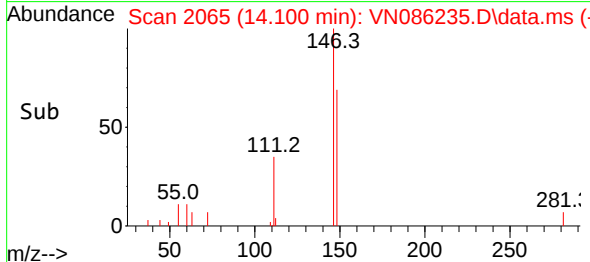
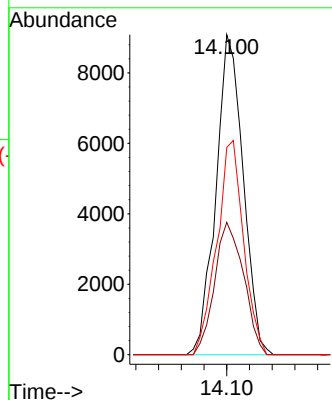
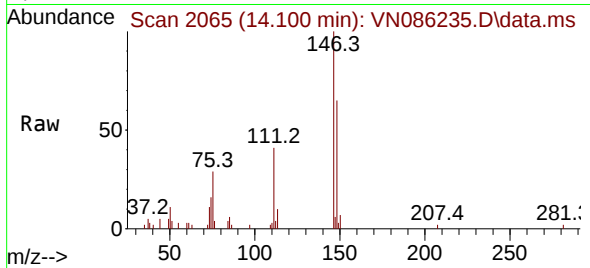




#91
 1,2-Dichlorobenzene
 Concen: 16.500 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

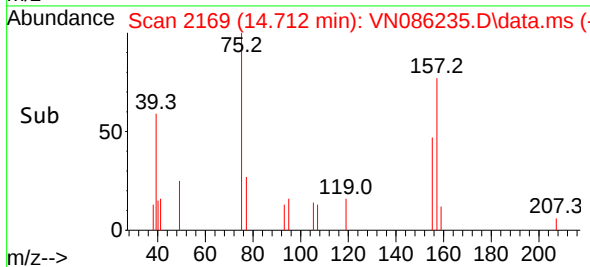
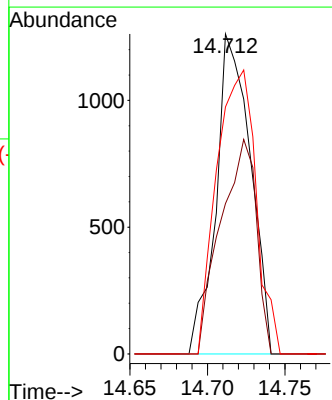
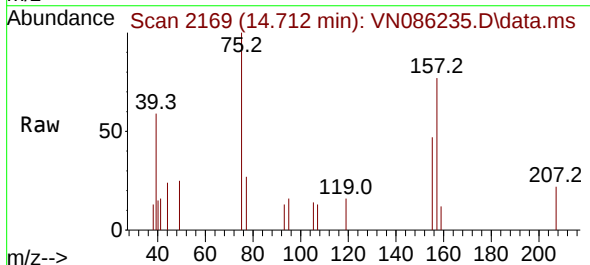
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

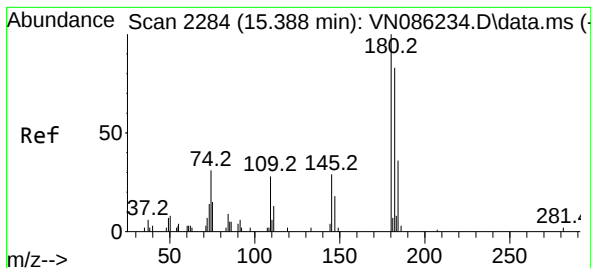
Tgt Ion:146 Resp: 15133
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.1
 148 65.8 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.118 ug/l
 RT: 14.712 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN086235.D
 Acq: 07 Apr 2025 14:21

Tgt Ion: 75 Resp: 1950
 Ion Ratio Lower Upper
 75 100
 155 69.4 39.0 117.0
 157 101.3 44.1 132.4





#93

1,2,4-Trichlorobenzene

Concen: 16.579 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

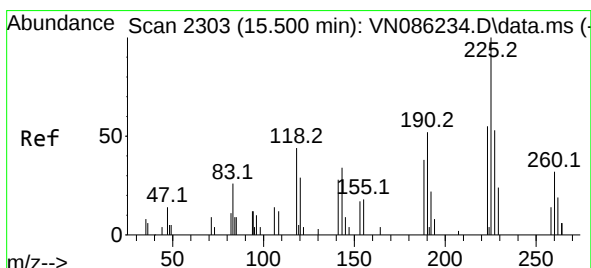
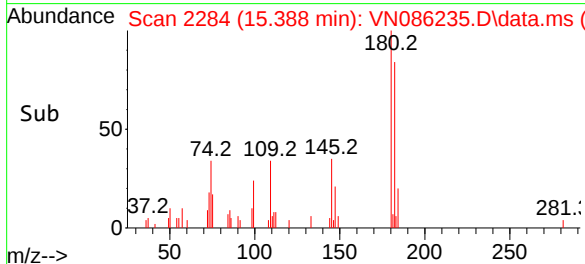
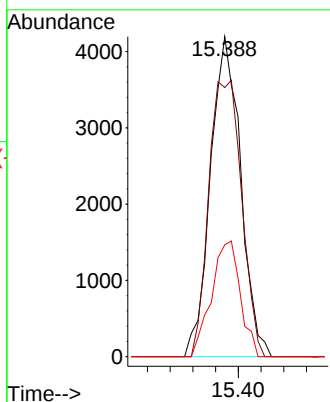
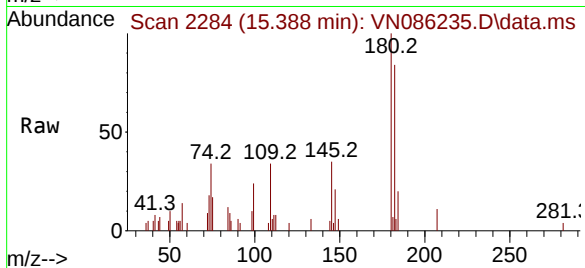
Tgt Ion:180 Resp: 7731

Ion Ratio Lower Upper

180 100

182 93.9 43.7 131.1

145 34.5 15.3 45.8



#94

Hexachlorobutadiene

Concen: 17.709 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

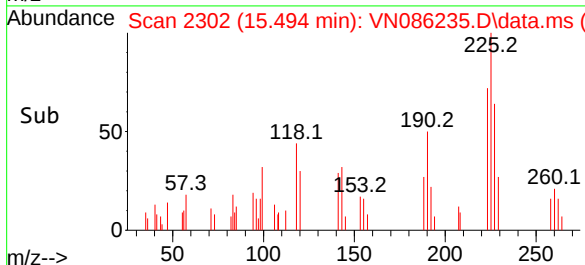
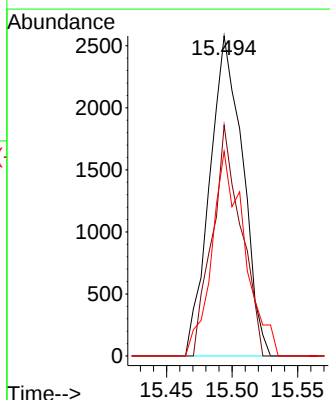
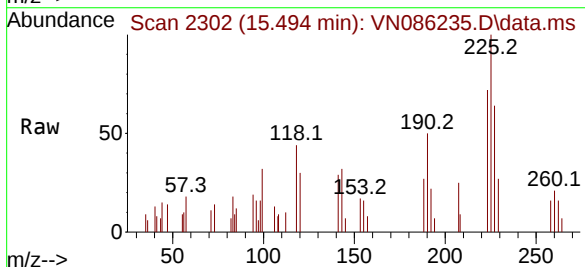
Tgt Ion:225 Resp: 4523

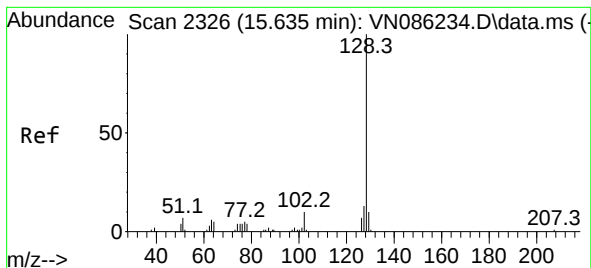
Ion Ratio Lower Upper

225 100

223 62.7 29.8 89.5

227 63.3 30.3 91.0





#95

Naphthalene

Concen: 16.936 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

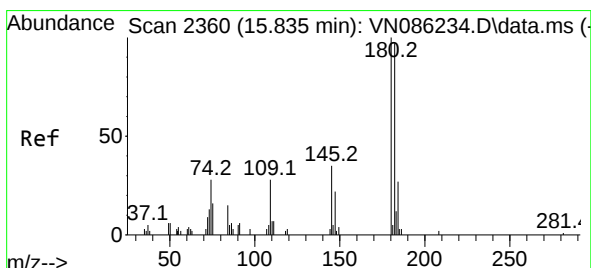
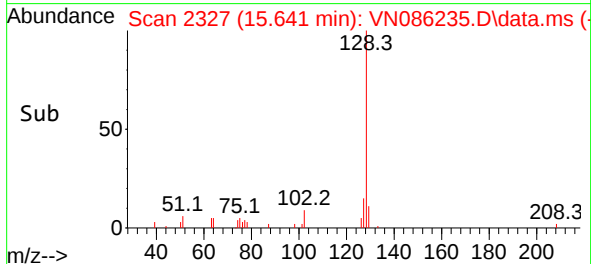
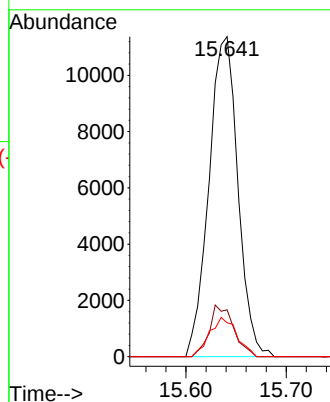
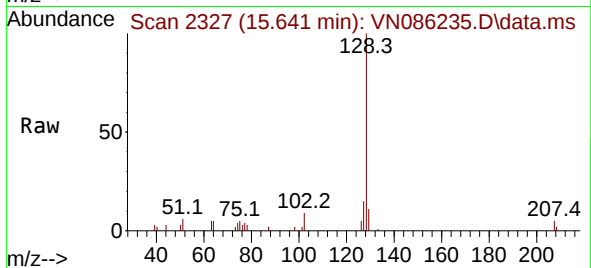
Tgt Ion:128 Resp: 22851

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 17.136 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086235.D

Acq: 07 Apr 2025 14:21

Tgt Ion:180 Resp: 7687

Ion Ratio Lower Upper

180 100

182 89.5 45.9 137.7

145 34.2 16.4 49.1

