

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087295.D
 Acq On : 08 Jul 2025 12:37
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 09 01:30:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	231416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	365773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	228701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145354	50.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.100%	
35) Dibromofluoromethane	8.171	113	124584	52.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.600%	
50) Toluene-d8	10.565	98	470499	51.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.847	95	186499	56.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.000%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.153	85	131336	58.318	ug/l	99
3) Chloromethane	2.395	50	107578	58.827	ug/l	94
4) Vinyl Chloride	2.553	62	130987	58.261	ug/l	97
5) Bromomethane	2.983	94	107142	52.223	ug/l	98
6) Chloroethane	3.153	64	90583	50.865	ug/l	96
7) Trichlorofluoromethane	3.530	101	190914	48.936	ug/l	96
8) Diethyl Ether	3.983	74	67695	54.373	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.400	101	112060	49.474	ug/l	98
10) Methyl Iodide	4.618	142	138430	61.592	ug/l	97
11) Tert butyl alcohol	5.536	59	132416	250.160	ug/l	99
12) 1,1-Dichloroethene	4.371	96	107073	49.759	ug/l	97
13) Acrolein	4.200	56	115527	315.116	ug/l	98
14) Allyl chloride	5.047	41	128697	48.801	ug/l	98
15) Acrylonitrile	5.730	53	329523	250.057	ug/l	100
16) Acetone	4.447	43	330254	297.419	ug/l	98
17) Carbon Disulfide	4.736	76	293634	45.482	ug/l	97
18) Methyl Acetate	5.047	43	138697	54.562	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	391254	51.880	ug/l	99
20) Methylene Chloride	5.294	84	122856	49.945	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	122672	47.179	ug/l	97
22) Diisopropyl ether	6.683	45	312505	49.493	ug/l	97
23) Vinyl Acetate	6.618	43	1471418	251.978	ug/l	99
24) 1,1-Dichloroethane	6.583	63	203387	49.164	ug/l	98
25) 2-Butanone	7.488	43	460741	265.514	ug/l	100
26) 2,2-Dichloropropane	7.500	77	197991	50.015	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	148674	49.511	ug/l	100
28) Bromochloromethane	7.824	49	92029	50.399	ug/l	97
29) Tetrahydrofuran	7.847	42	291677	260.844	ug/l	99
30) Chloroform	7.977	83	232477	50.700	ug/l	100
31) Cyclohexane	8.265	56	165197	41.764	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	209618	49.087	ug/l	95
36) 1,1-Dichloropropene	8.377	75	158248	49.322	ug/l	99
37) Ethyl Acetate	7.565	43	180347	52.289	ug/l	99
38) Carbon Tetrachloride	8.371	117	189978	52.255	ug/l	96
39) Methylcyclohexane	9.600	83	184496	48.286	ug/l	99
40) Benzene	8.612	78	497701	50.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	85659	51.943	ug/l	98
42) 1,2-Dichloroethane	8.677	62	175315	53.035	ug/l	100
43) Isopropyl Acetate	8.694	43	283127	52.933	ug/l	99
44) Trichloroethene	9.359	130	131829	49.912	ug/l	97
45) 1,2-Dichloropropane	9.624	63	118374	54.619	ug/l	93
46) Dibromomethane	9.712	93	99651	54.049	ug/l	98
47) Bromodichloromethane	9.888	83	185691	52.808	ug/l	99
48) Methyl methacrylate	9.682	41	121461	53.879	ug/l	98
49) 1,4-Dioxane	9.700	88	47270	1006.641	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	919010	280.815	ug/l	98
52) Toluene	10.629	92	343443	52.684	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201815	53.510	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	205354	53.441	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	133807	54.336	ug/l	98
56) Ethyl methacrylate	10.876	69	190432	52.782	ug/l	99
57) 1,3-Dichloropropane	11.165	76	220346	54.823	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	523216	274.391	ug/l	99
59) 2-Hexanone	11.200	43	638317	272.295	ug/l	98
60) Dibromochloromethane	11.359	129	166889	57.489	ug/l	99
61) 1,2-Dibromoethane	11.471	107	146495	55.303	ug/l	97
64) Tetrachloroethene	11.106	164	119723	49.091	ug/l	96
65) Chlorobenzene	11.888	112	418292	50.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	148227	52.303	ug/l	99
67) Ethyl Benzene	11.965	91	682945	51.423	ug/l	99
68) m/p-Xylenes	12.070	106	566705	106.802	ug/l	97
69) o-Xylene	12.394	106	267077	53.807	ug/l	97
70) Styrene	12.412	104	464405	55.054	ug/l	99
71) Bromoform	12.576	173	126981	58.078	ug/l #	100
73) Isopropylbenzene	12.694	105	699716	47.483	ug/l	100
74) N-amyl acetate	12.518	43	186637	38.514	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	236605	48.813	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	319602	73.471	ug/l	65
77) Bromobenzene	12.976	156	184740	48.025	ug/l	96
78) n-propylbenzene	13.035	91	858767	48.245	ug/l	100
79) 2-Chlorotoluene	13.123	91	503494	47.528	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	611421	49.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	88731	47.912	ug/l	99
82) 4-Chlorotoluene	13.217	91	544384	49.090	ug/l	97
83) tert-Butylbenzene	13.435	119	540634	50.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	653002	52.923	ug/l	99
85) sec-Butylbenzene	13.612	105	782550	51.158	ug/l	99
86) p-Isopropyltoluene	13.729	119	678777	51.624	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	387407	50.571	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	383160	47.902	ug/l	99
89) n-Butylbenzene	14.053	91	589945	50.960	ug/l	99
90) Hexachloroethane	14.329	117	123515	50.750	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	361120	50.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	58565	50.277	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	200711	47.374	ug/l	99
94) Hexachlorobutadiene	15.500	225	59201	43.988	ug/l	96
95) Naphthalene	15.635	128	735644	50.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	196618	47.635	ug/l	99

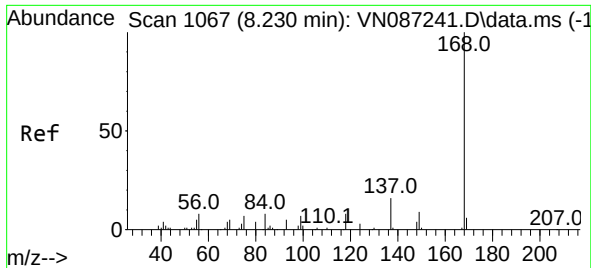
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Response via : Initial Calibration

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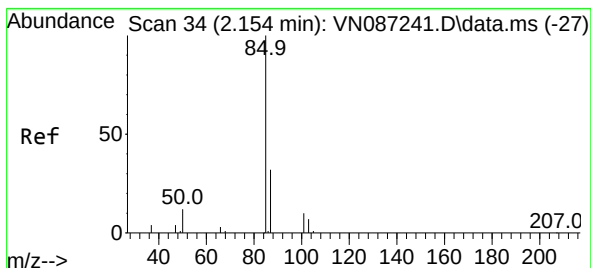
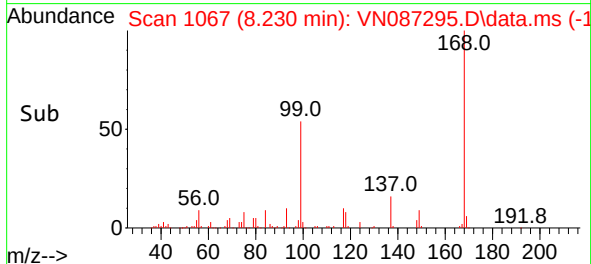
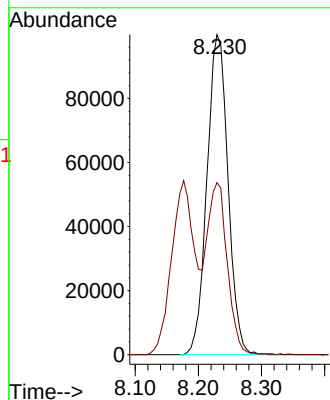
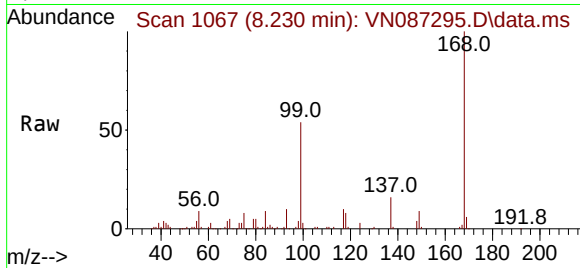
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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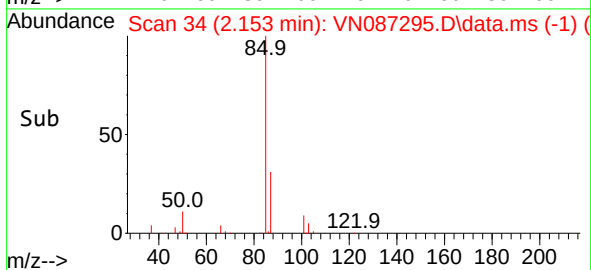
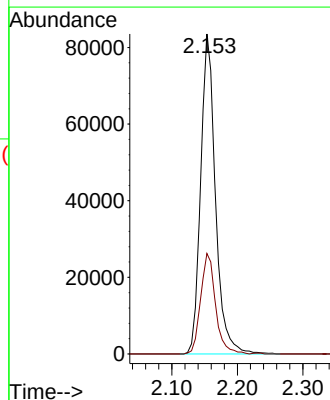
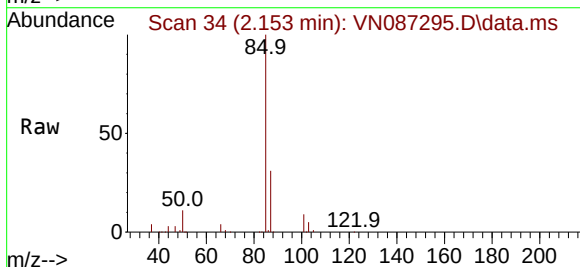
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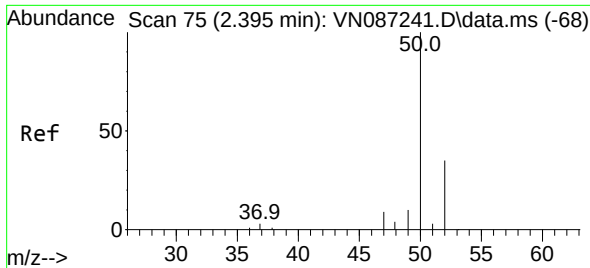
Tgt Ion:168 Resp: 231416
Ion Ratio Lower Upper
168 100
99 53.4 42.6 64.0



#2
Dichlorodifluoromethane
Concen: 58.318 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 85 Resp: 131336
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.3

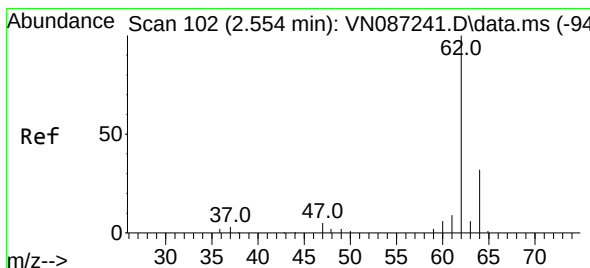
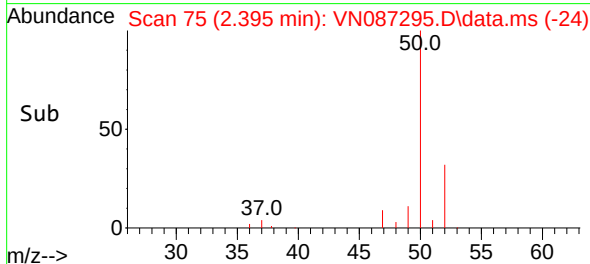
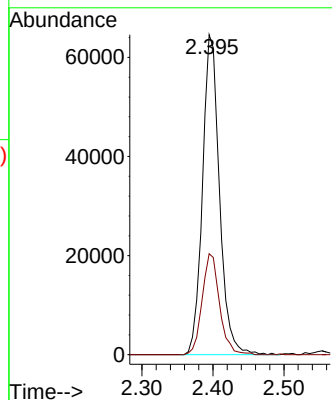
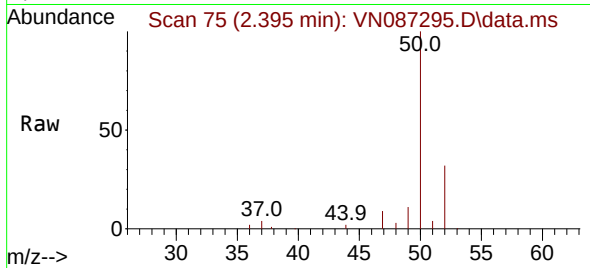




#3
Chloromethane
Concen: 58.827 ug/l
RT: 2.395 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

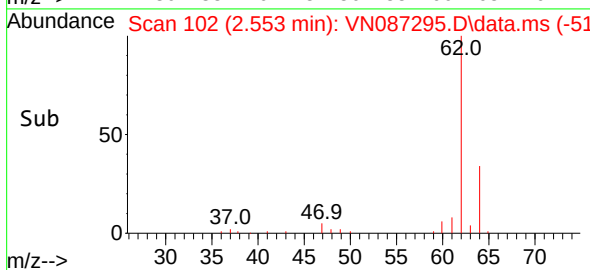
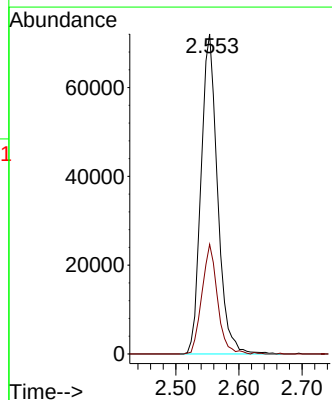
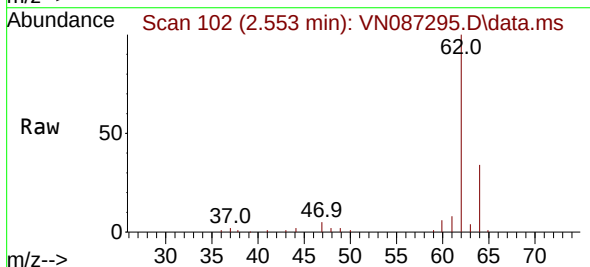
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ClientSampleId :
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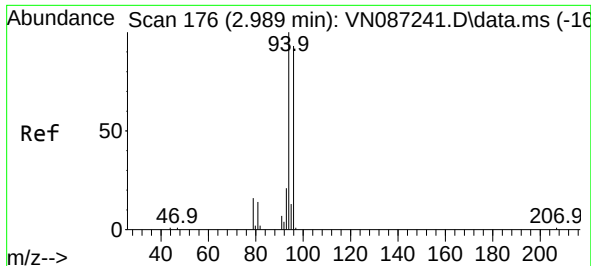
Tgt Ion: 50 Resp: 107578
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.8



#4
Vinyl Chloride
Concen: 58.261 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 62 Resp: 130987
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0

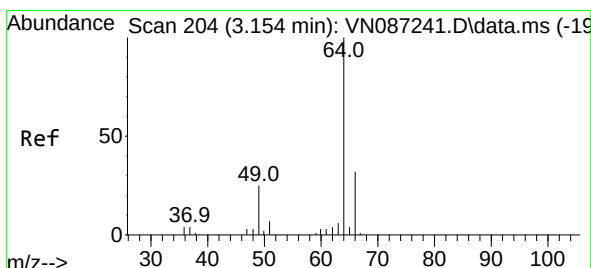
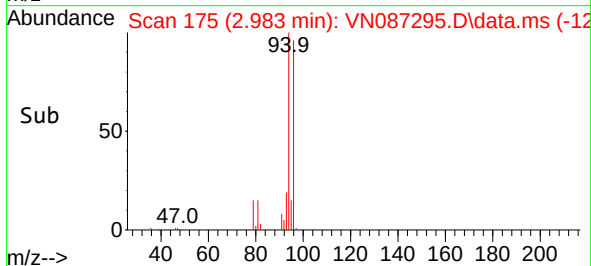
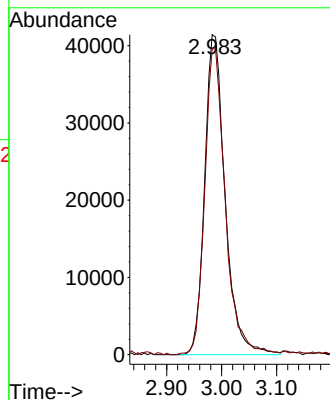
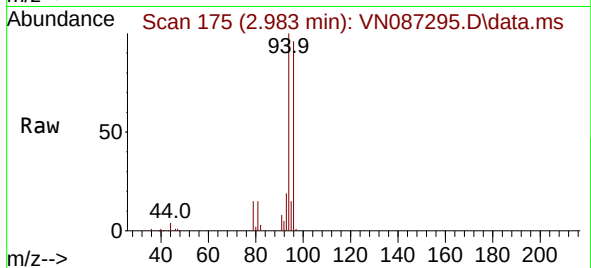




#5
Bromomethane
Concen: 52.223 ug/l
RT: 2.983 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

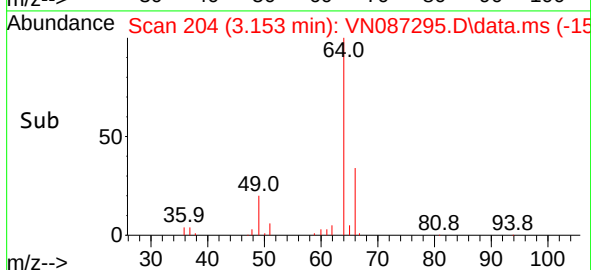
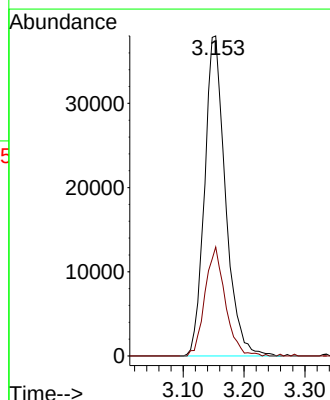
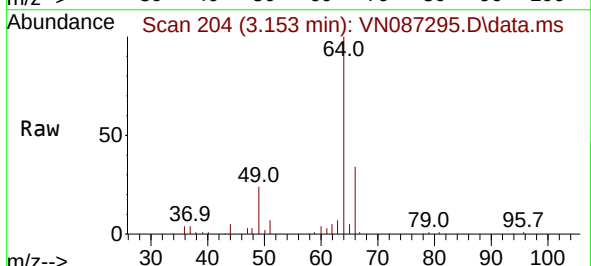
Instrument :
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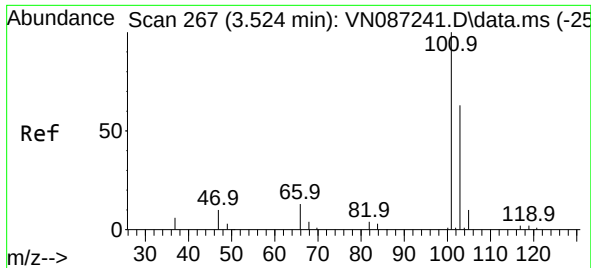
Tgt Ion: 94 Resp: 107142
Ion Ratio Lower Upper
94 100
96 95.2 74.3 111.5



#6
Chloroethane
Concen: 50.865 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 64 Resp: 90583
Ion Ratio Lower Upper
64 100
66 34.0 25.3 37.9

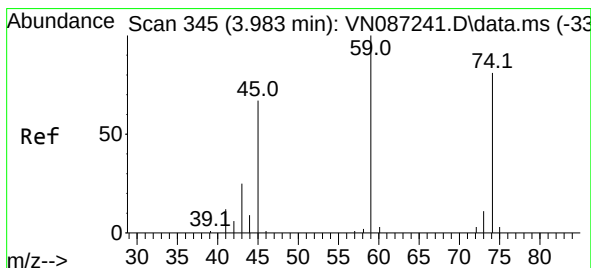
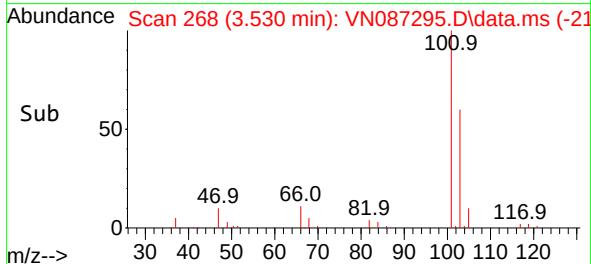
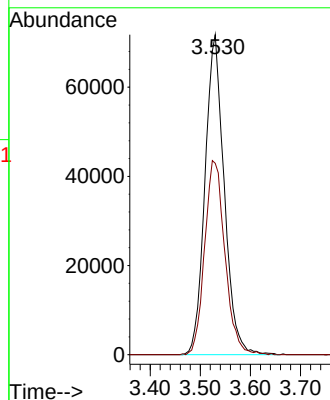
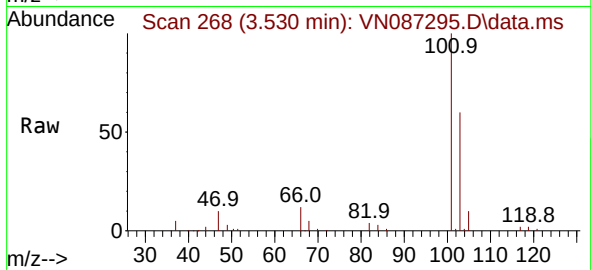




#7
 Trichlorofluoromethane
 Concen: 48.936 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

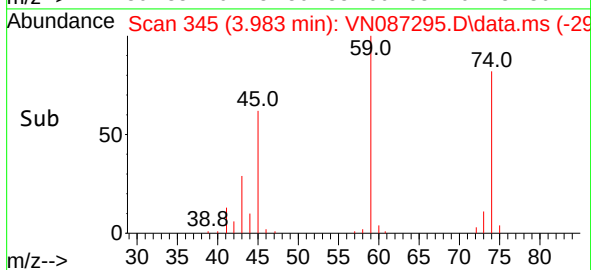
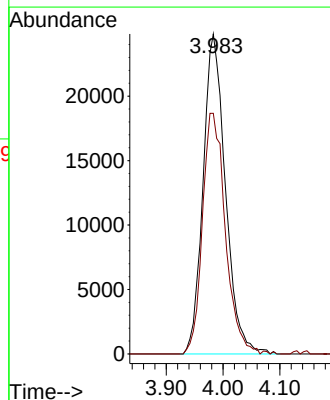
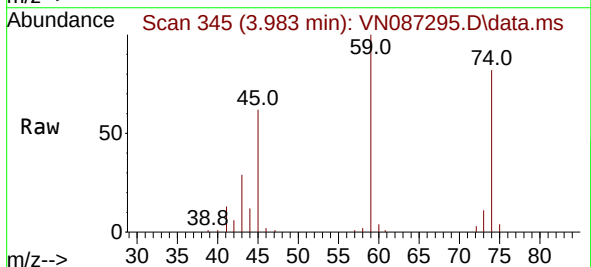
Instrument :
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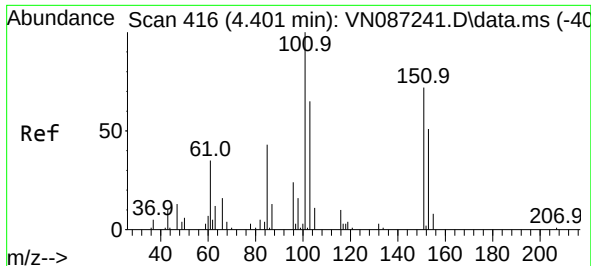
Tgt Ion:101 Resp: 190914
 Ion Ratio Lower Upper
 101 100
 103 59.8 50.5 75.7



#8
 Diethyl Ether
 Concen: 54.373 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

Tgt Ion: 74 Resp: 67695
 Ion Ratio Lower Upper
 74 100
 45 77.3 39.4 118.1

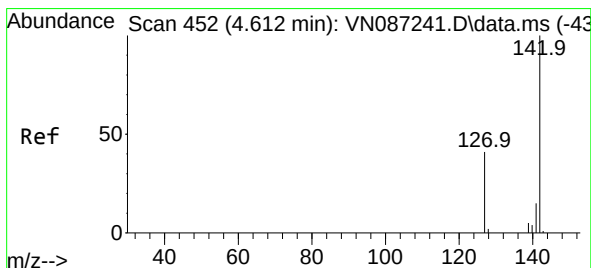
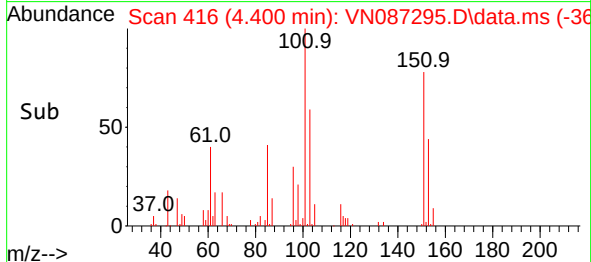
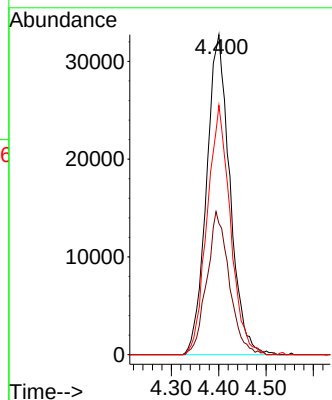
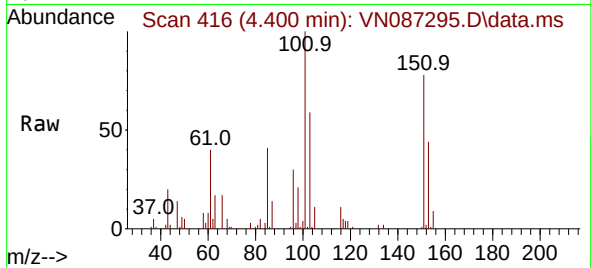




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.474 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN087295.D
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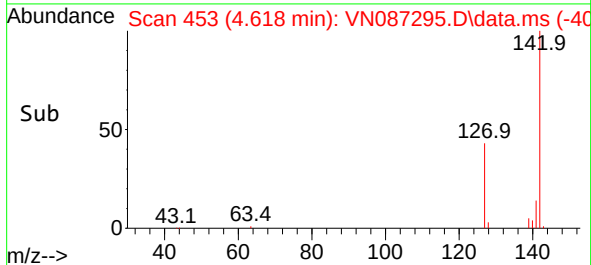
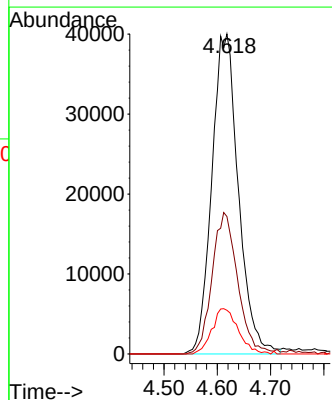
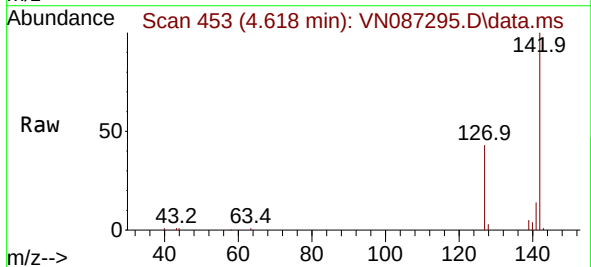
Instrument :
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ClientSampleId :
VSTDCCC050

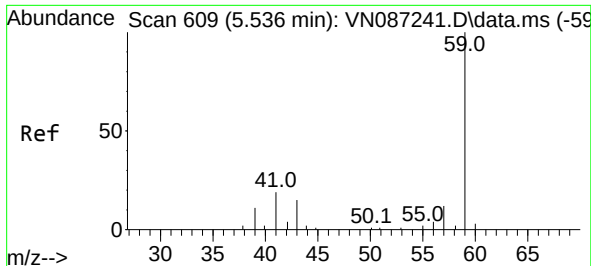
Tgt Ion:101 Resp: 112060
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 77.5 63.8 95.8



#10
Methyl Iodide
Concen: 61.592 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:142 Resp: 138430
Ion Ratio Lower Upper
142 100
127 43.0 32.8 49.2
141 13.6 11.6 17.4

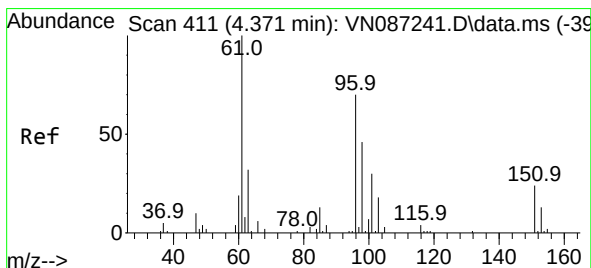
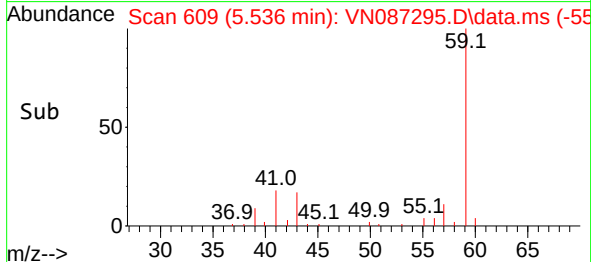
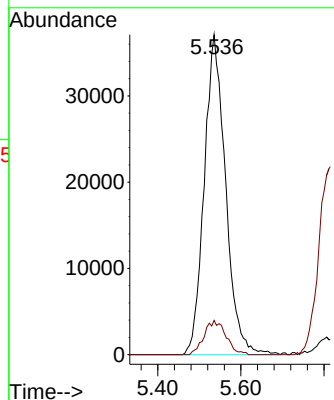
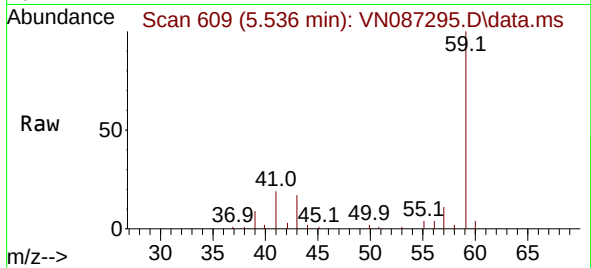




#11
Tert butyl alcohol
Concen: 250.160 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

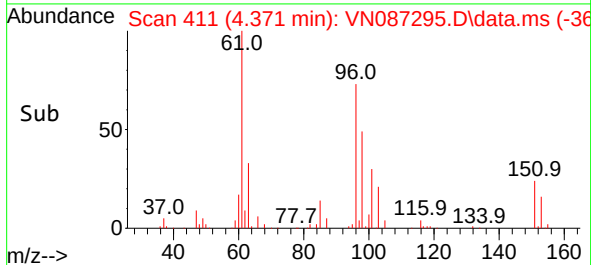
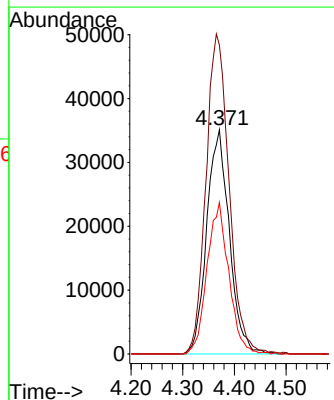
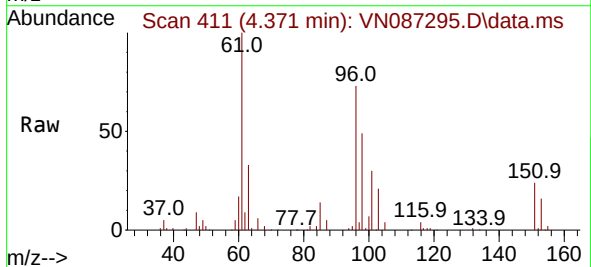
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

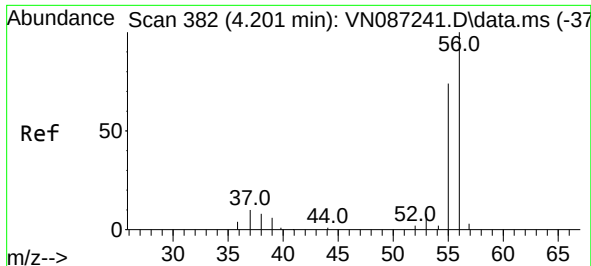
Tgt Ion: 59 Resp: 132416
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.759 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 96 Resp: 107073
Ion Ratio Lower Upper
96 100
61 137.8 114.4 171.6
98 67.6 53.0 79.6

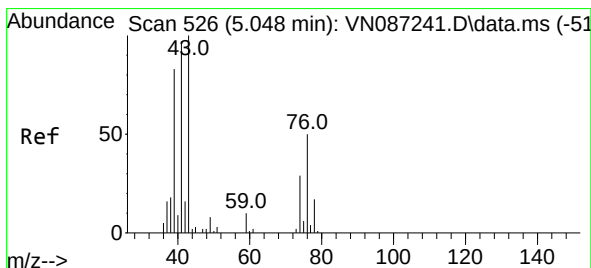
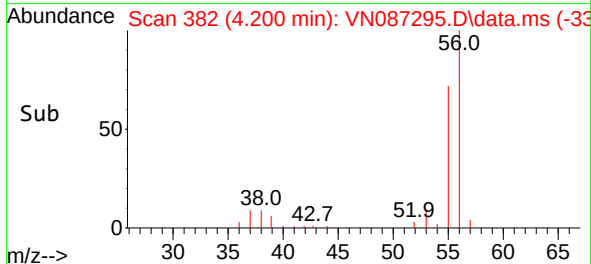
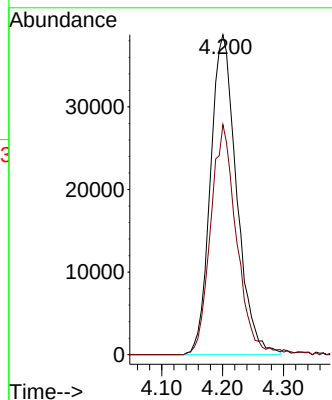
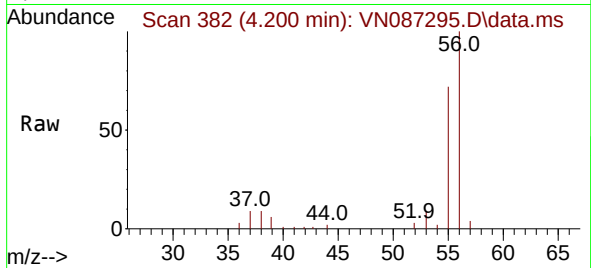




#13
Acrolein
Concen: 315.116 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

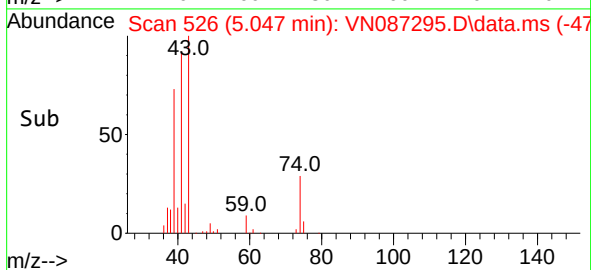
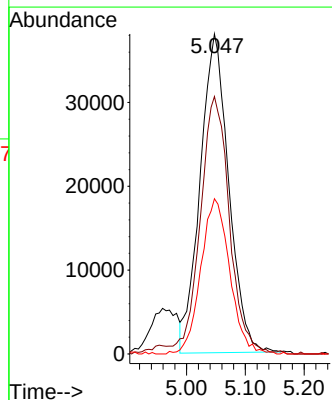
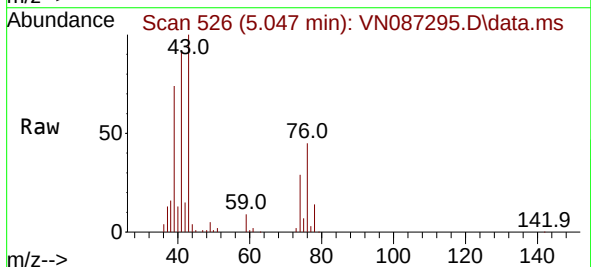
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

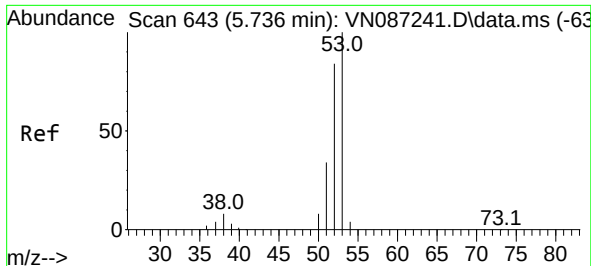
Tgt Ion: 56 Resp: 115527
Ion Ratio Lower Upper
56 100
55 71.5 58.6 88.0



#14
Allyl chloride
Concen: 48.801 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 41 Resp: 128697
Ion Ratio Lower Upper
41 100
39 80.4 66.3 99.5
76 49.2 38.6 58.0

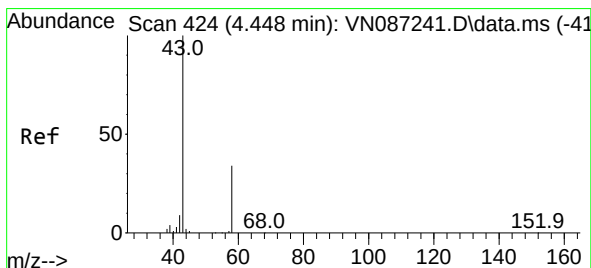
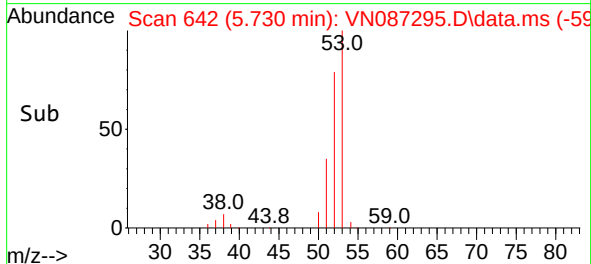
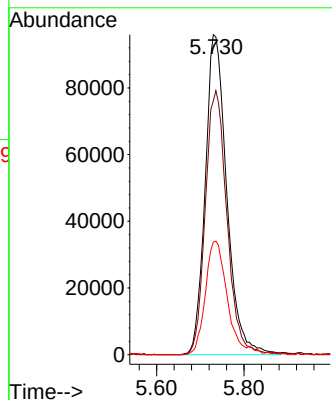
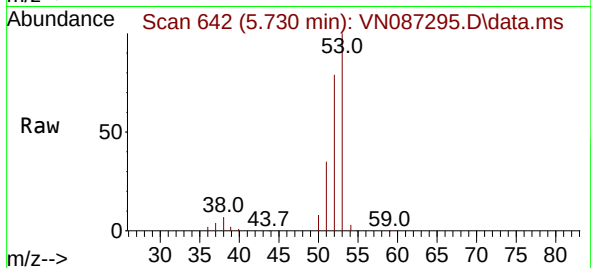




#15
Acrylonitrile
Concen: 250.057 ug/l
RT: 5.730 min Scan# 643
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

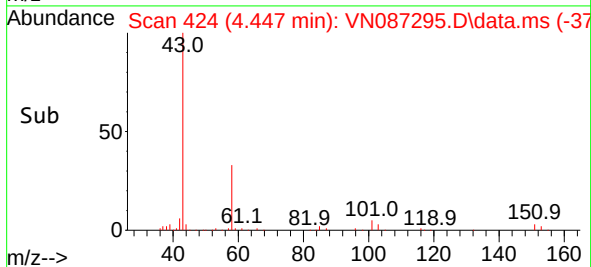
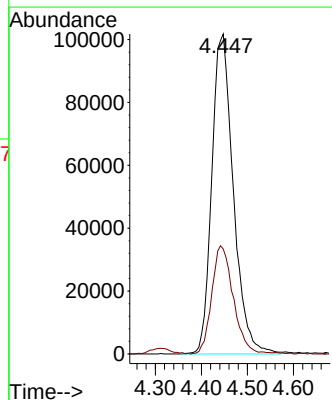
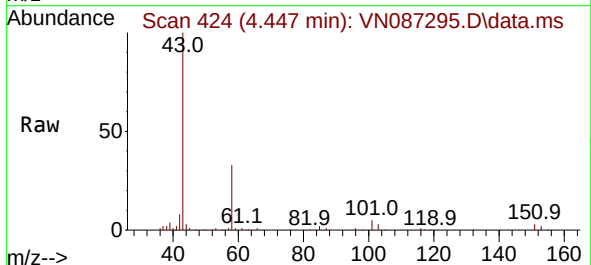
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

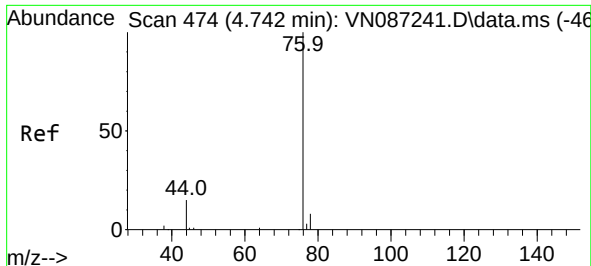
Tgt Ion:	53	Resp:	329523
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.5	99.7
51	36.1	29.1	43.7



#16
Acetone
Concen: 297.419 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:	43	Resp:	330254
Ion	Ratio	Lower	Upper
43	100		
58	32.5	27.1	40.7

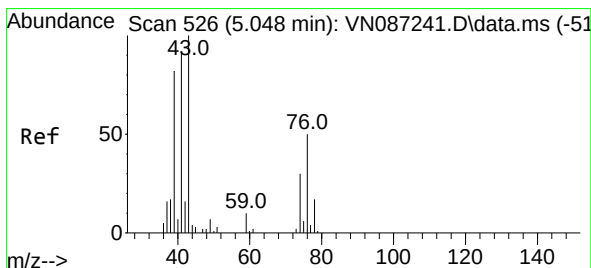
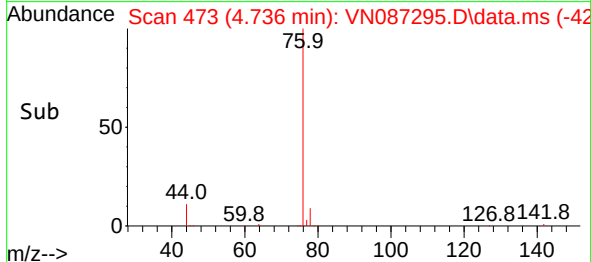
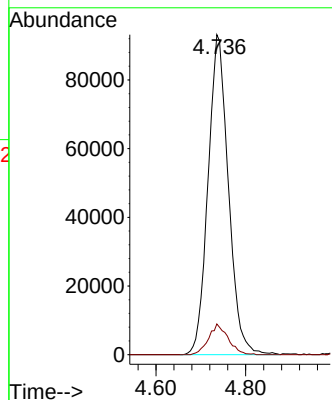
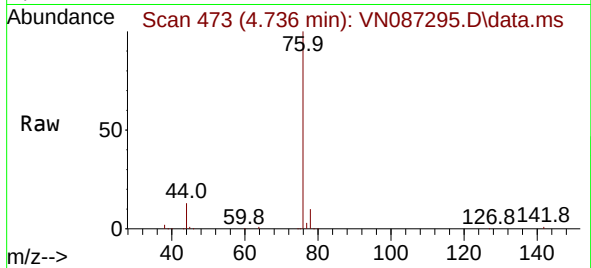




#17
Carbon Disulfide
Concen: 45.482 ug/l
RT: 4.736 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

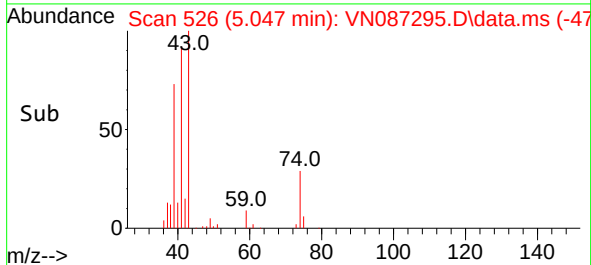
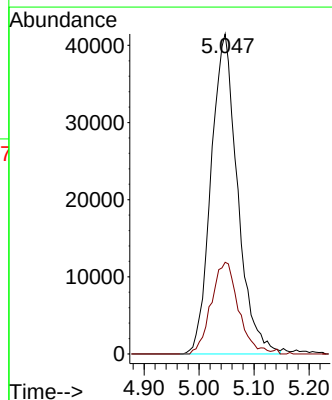
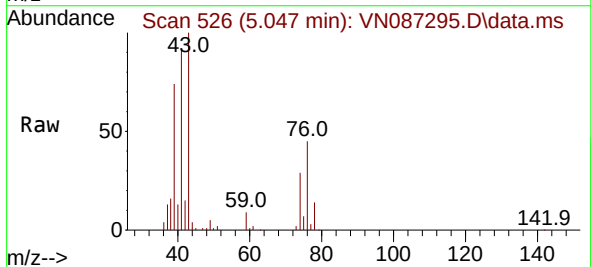
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

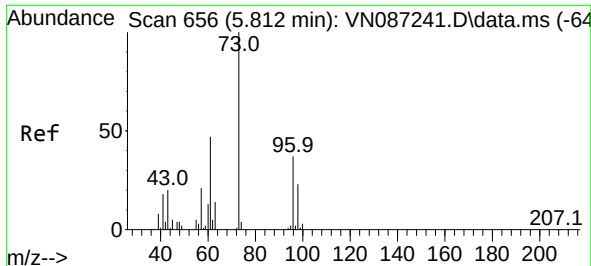
Tgt Ion: 76 Resp: 293634
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 54.562 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 43 Resp: 138697
Ion Ratio Lower Upper
43 100
74 29.4 23.8 35.6





#19

Methyl tert-butyl Ether

Concen: 51.880 ug/l

RT: 5.818 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

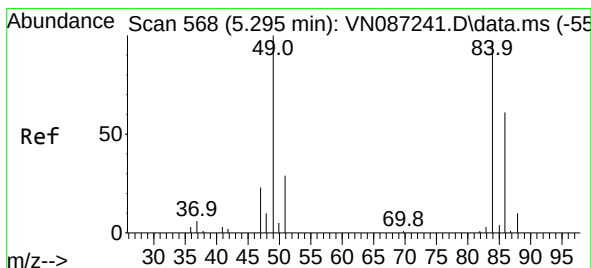
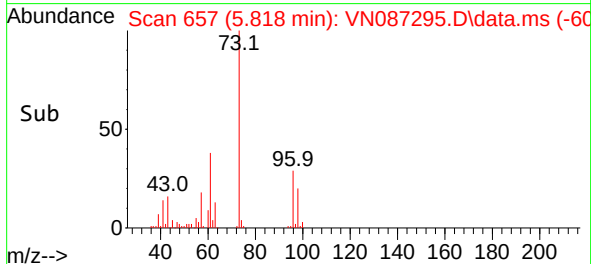
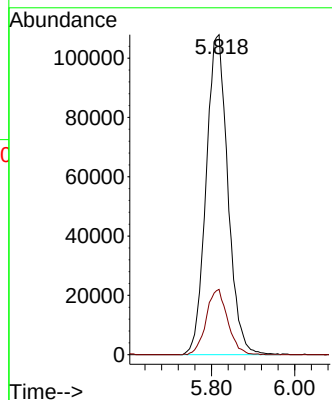
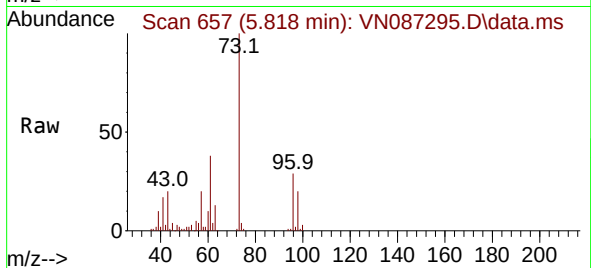
VSTDCCC050

Tgt Ion: 73 Resp: 391254

Ion Ratio Lower Upper

73 100

57 20.4 16.7 25.1



#20

Methylene Chloride

Concen: 49.945 ug/l

RT: 5.294 min Scan# 568

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Tgt Ion: 84 Resp: 122856

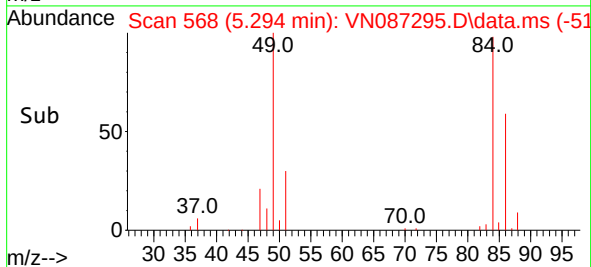
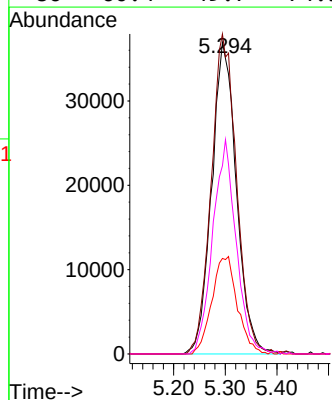
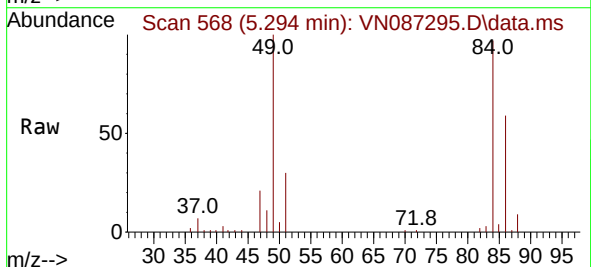
Ion Ratio Lower Upper

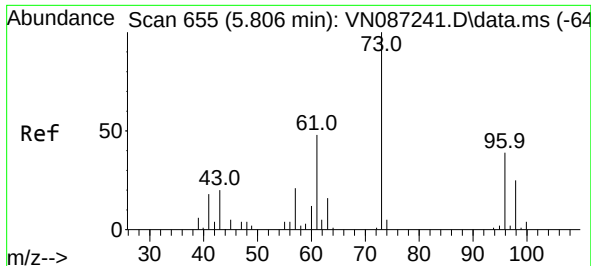
84 100

49 102.7 82.1 123.1

51 30.6 23.5 35.3

86 60.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.179 ug/l

RT: 5.806 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

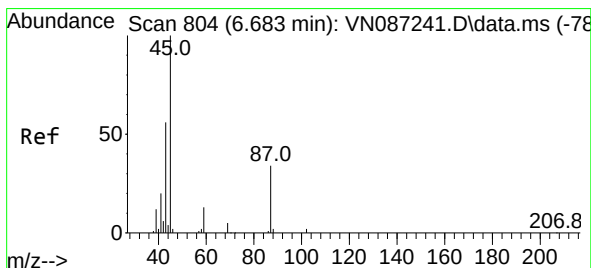
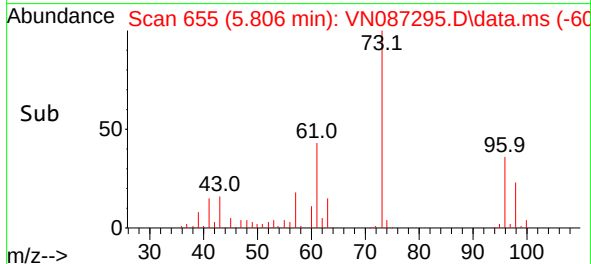
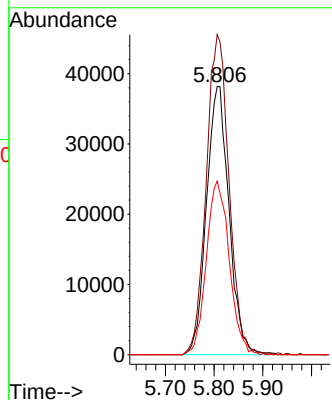
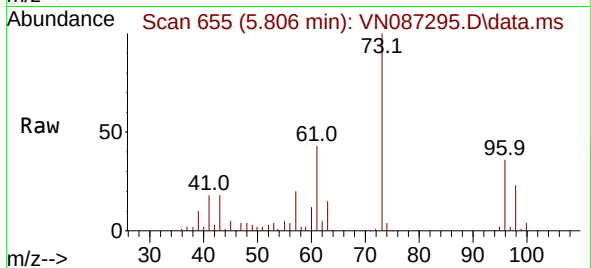
Tgt Ion: 96 Resp: 122672

Ion Ratio Lower Upper

96 100

61 119.3 98.2 147.2

98 64.7 50.0 75.0



#22

Diisopropyl ether

Concen: 49.493 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Tgt Ion: 45 Resp: 312505

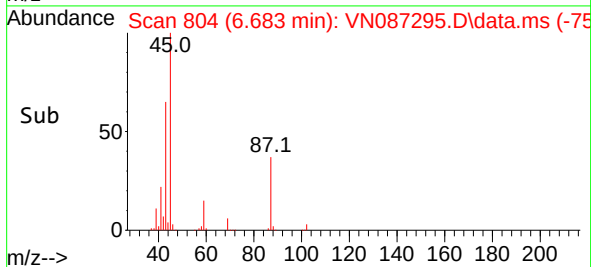
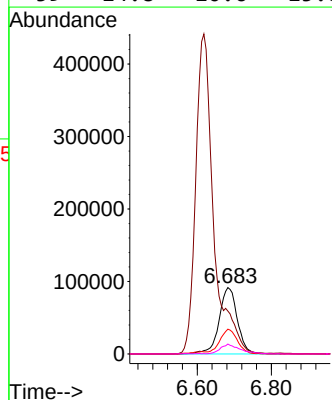
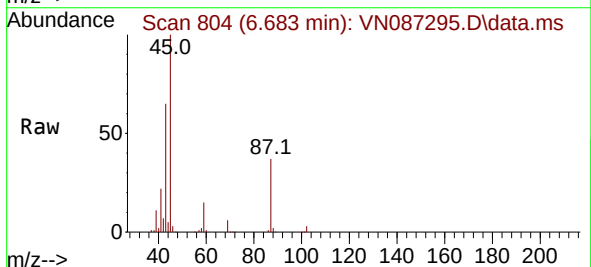
Ion Ratio Lower Upper

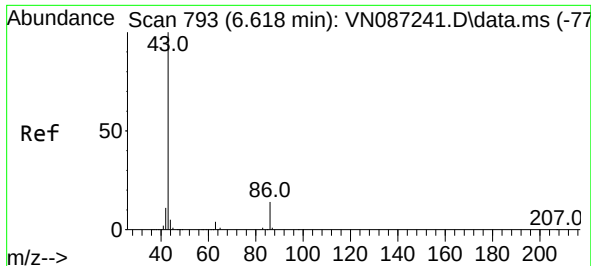
45 100

43 63.3 50.1 75.1

87 37.3 27.5 41.3

59 14.8 10.6 15.8

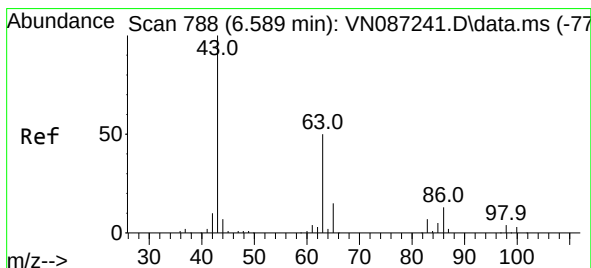
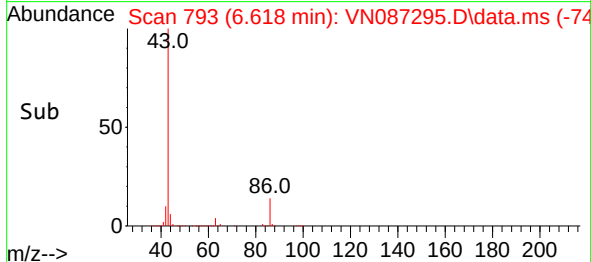
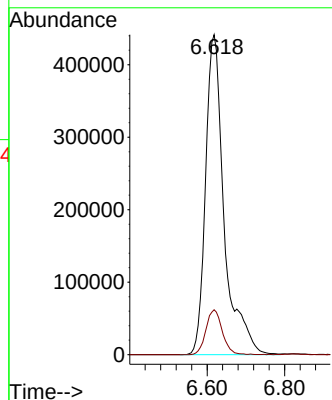
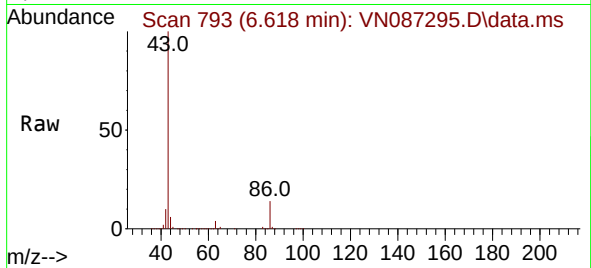




#23
 Vinyl Acetate
 Concen: 251.978 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

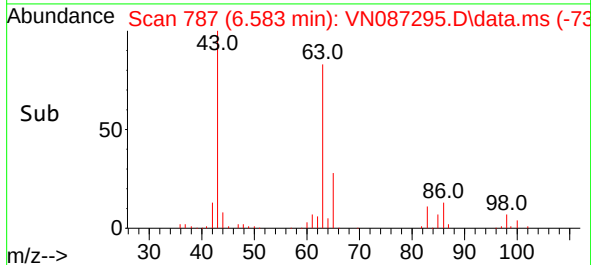
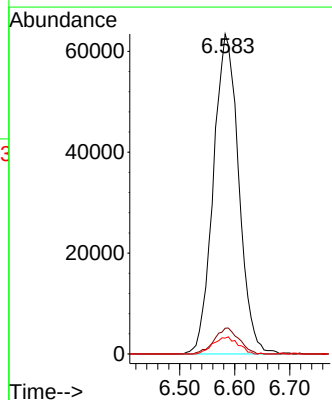
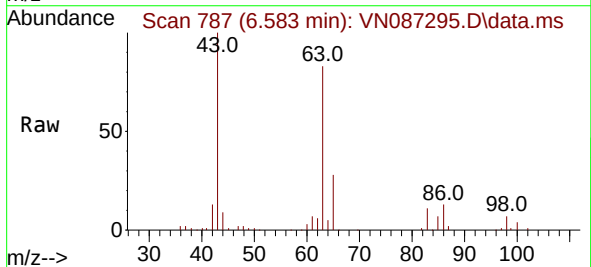
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

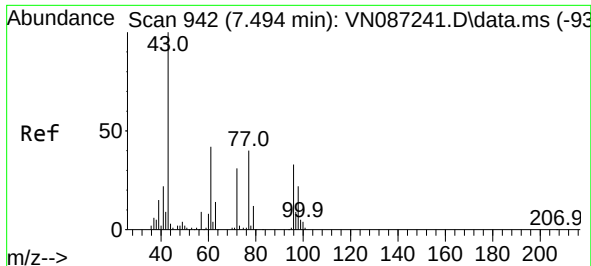
Tgt Ion: 43 Resp: 1471418
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.0 16.4



#24
 1,1-Dichloroethane
 Concen: 49.164 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

Tgt Ion: 63 Resp: 203387
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 5.0 2.7 8.1

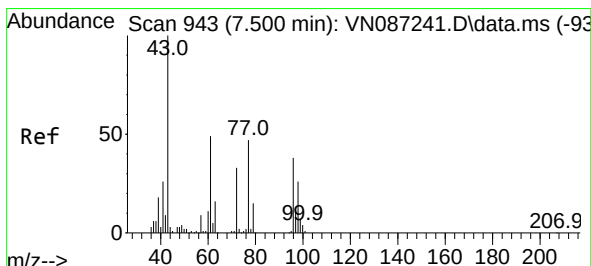
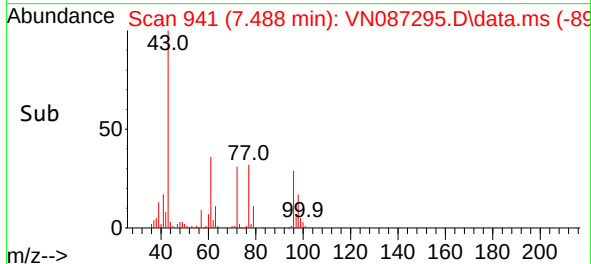
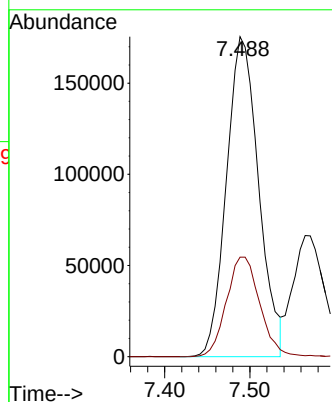
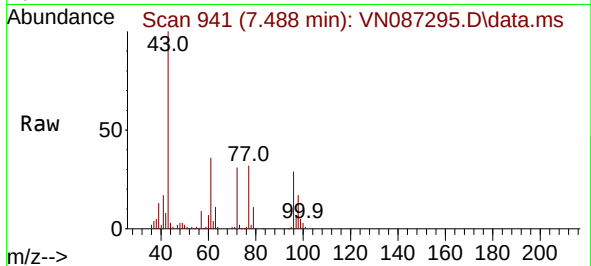




#25
2-Butanone
Concen: 265.514 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

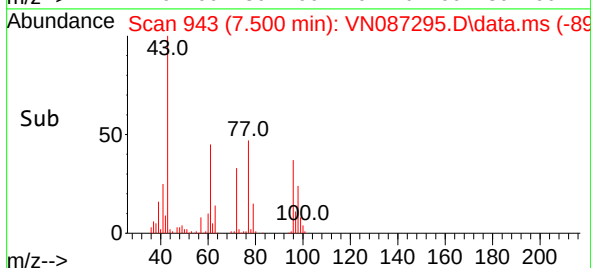
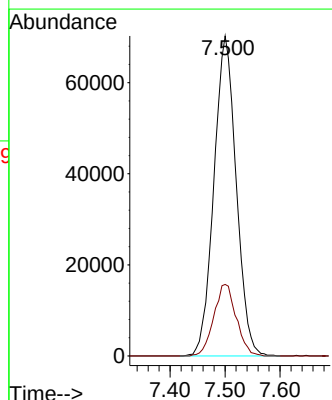
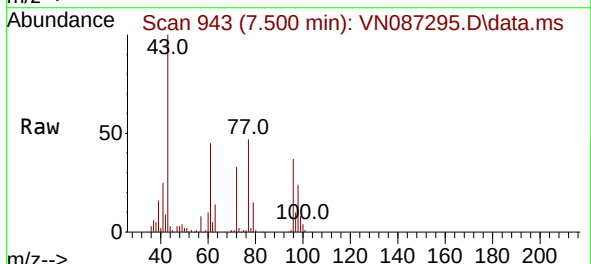
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

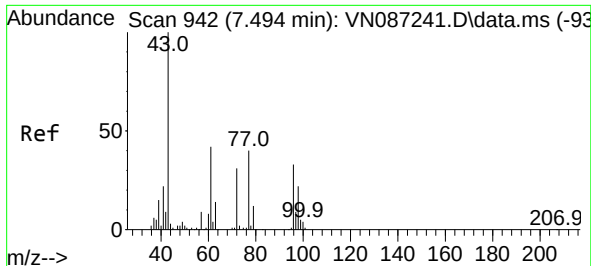
Tgt Ion: 43 Resp: 460741
Ion Ratio Lower Upper
43 100
72 31.1 24.8 37.2



#26
2,2-Dichloropropane
Concen: 50.015 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 77 Resp: 197991
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.3

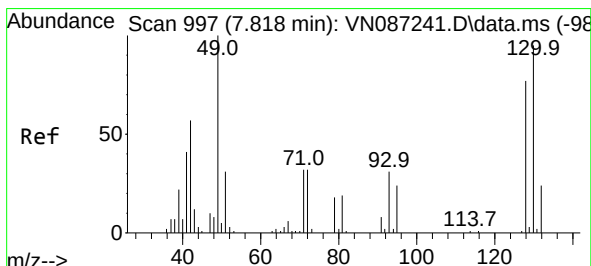
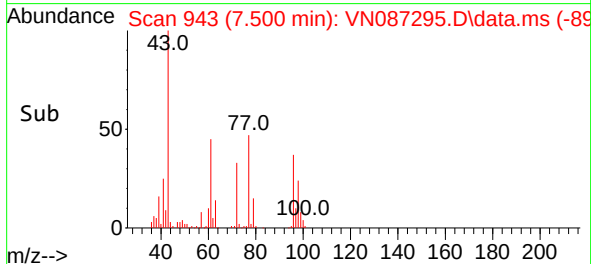
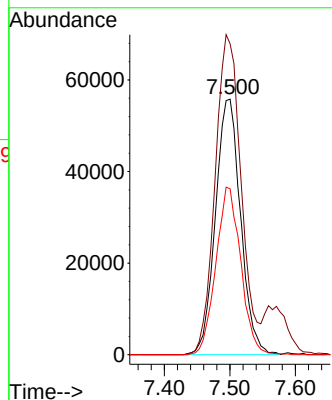
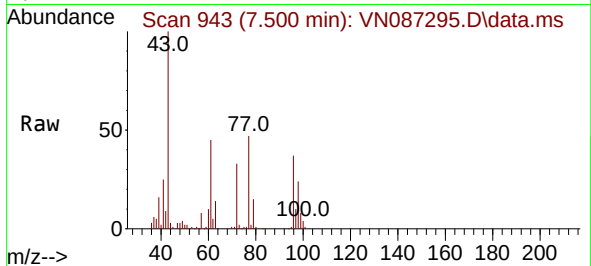




#27
 cis-1,2-Dichloroethene
 Concen: 49.511 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

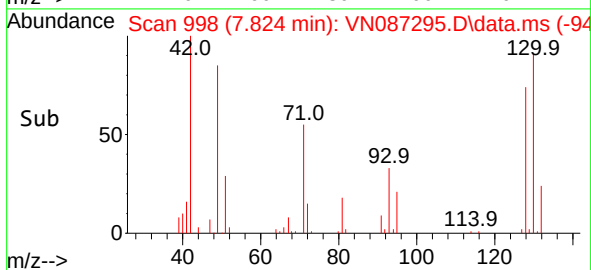
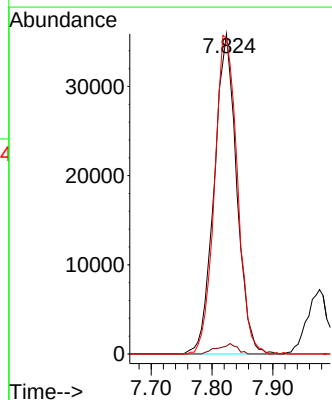
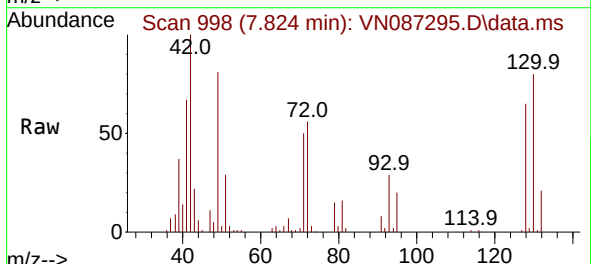
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

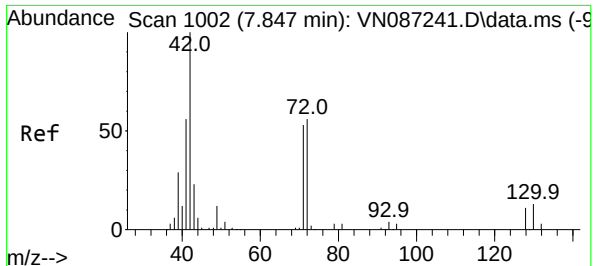
Tgt Ion: 96 Resp: 148674
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 258.8
 98 64.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.399 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

Tgt Ion: 49 Resp: 92029
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 100.7 78.4 117.6





#29

Tetrahydrofuran

Concen: 260.844 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

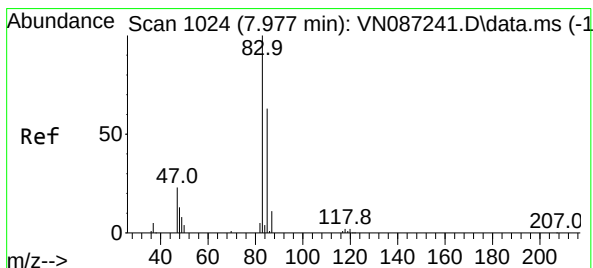
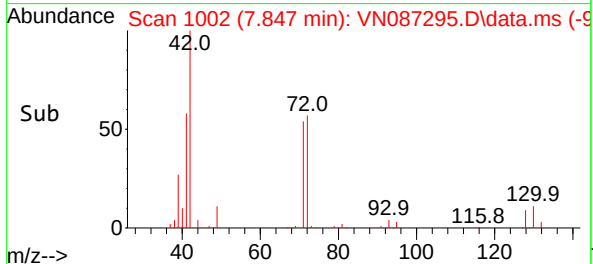
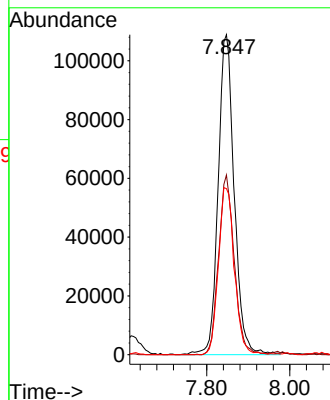
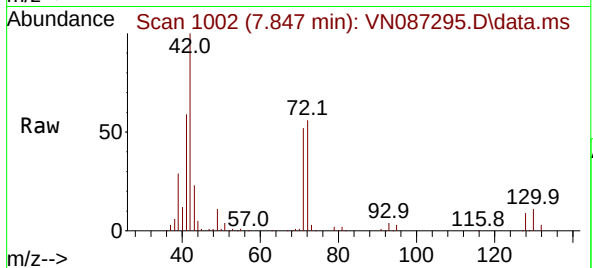
Tgt Ion: 42 Resp: 291677

Ion Ratio Lower Upper

42 100

72 54.7 44.2 66.4

71 51.8 41.1 61.7



#30

Chloroform

Concen: 50.700 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087295.D

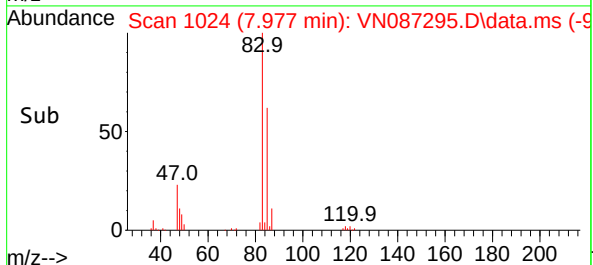
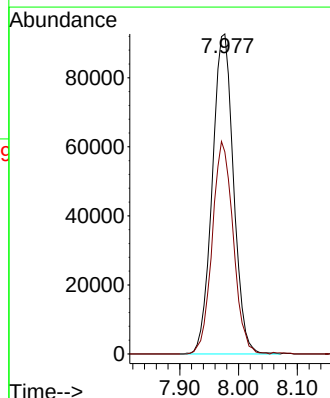
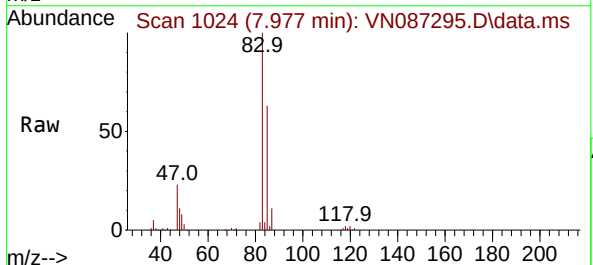
Acq: 08 Jul 2025 12:37

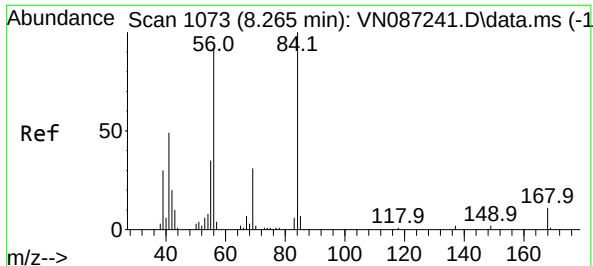
Tgt Ion: 83 Resp: 232477

Ion Ratio Lower Upper

83 100

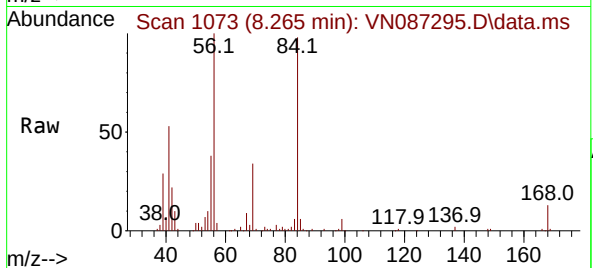
85 63.1 50.3 75.5



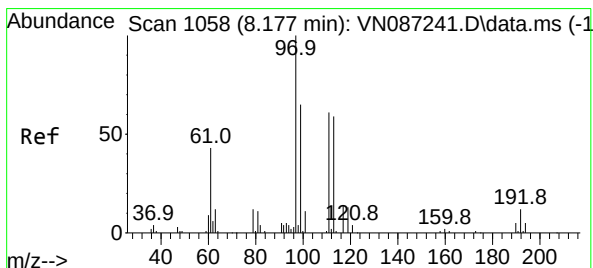
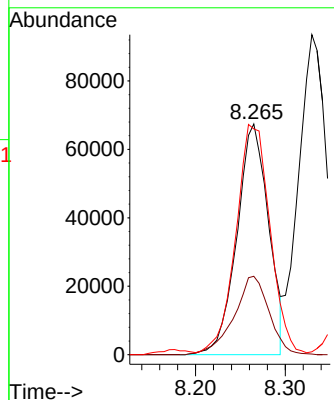
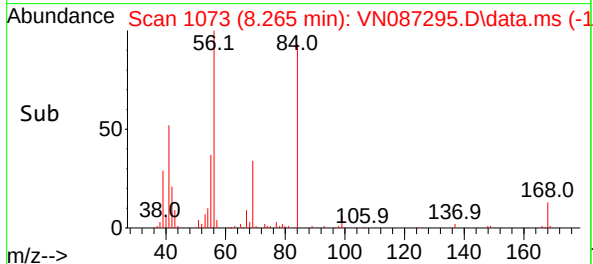


#31
Cyclohexane
Concen: 41.764 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

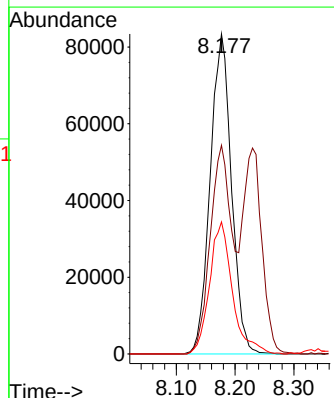
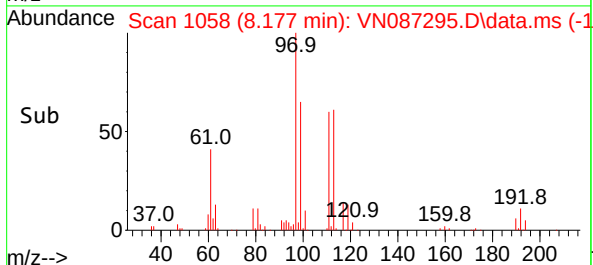
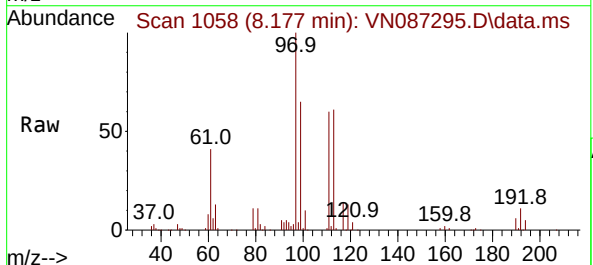


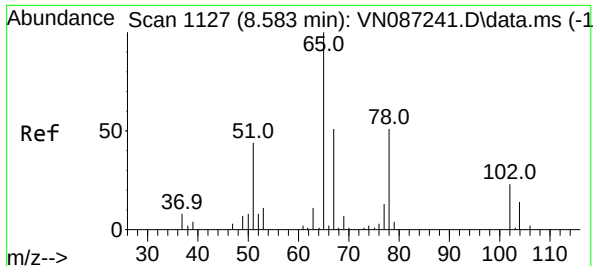
Tgt Ion: 56 Resp: 165197
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 96.2 86.2 129.4



#32
1,1,1-Trichloroethane
Concen: 49.087 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 97 Resp: 209618
Ion Ratio Lower Upper
97 100
99 68.0 49.5 74.3
61 44.4 35.2 52.8

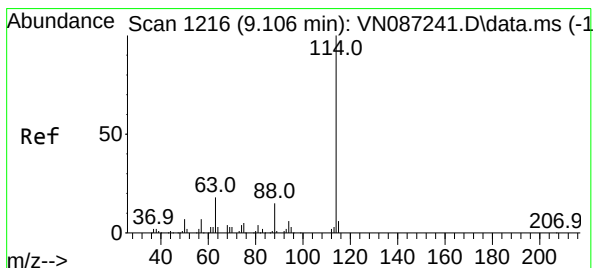
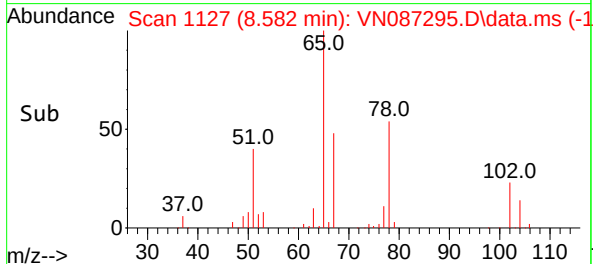
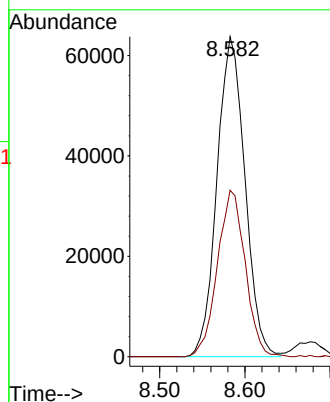
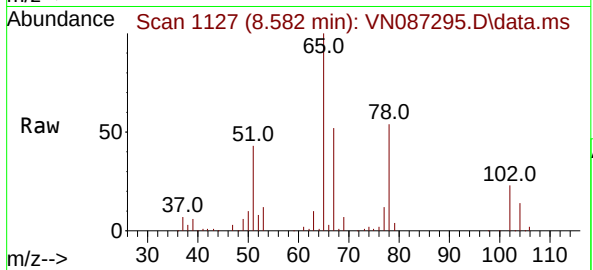




#33
 1,2-Dichloroethane-d4
 Concen: 50.046 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

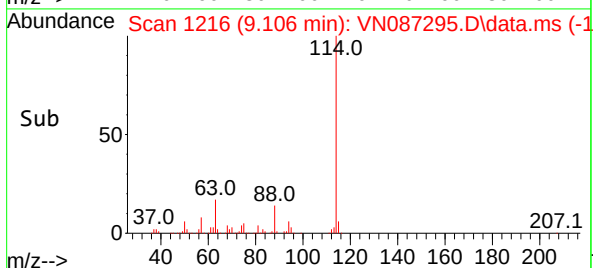
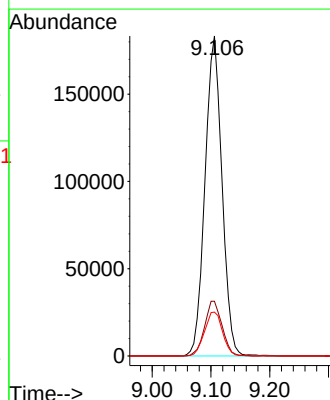
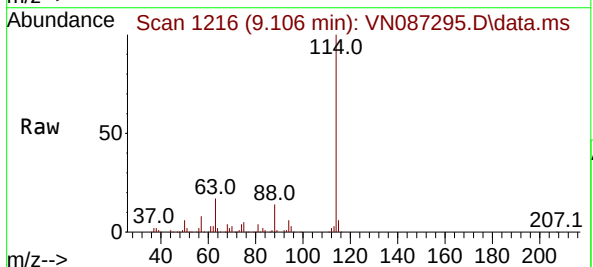
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

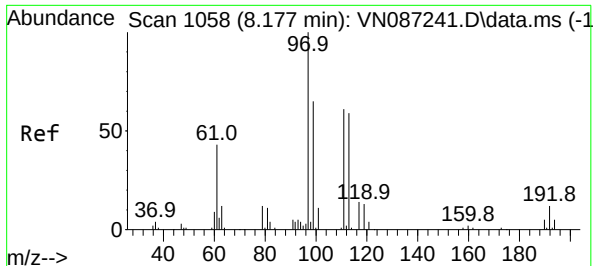
Tgt Ion: 65 Resp: 145354
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

Tgt Ion: 114 Resp: 368472
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.6
 88 13.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.804 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

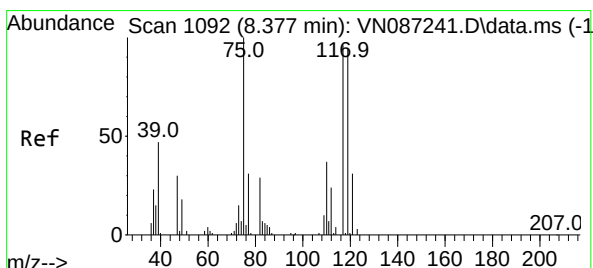
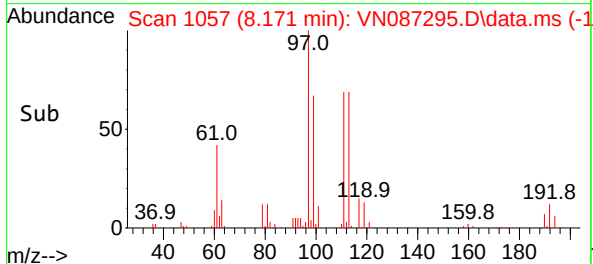
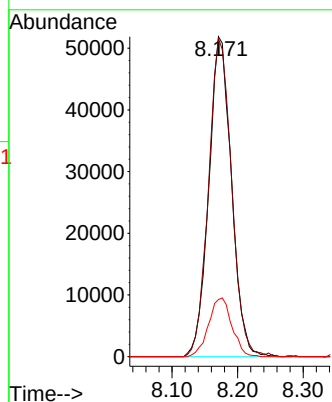
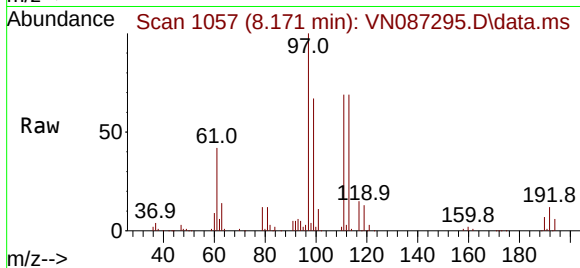
Tgt Ion:113 Resp: 124584

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.2

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 49.322 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

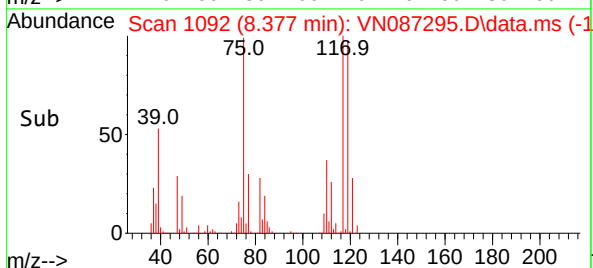
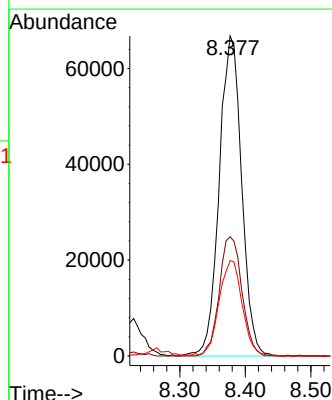
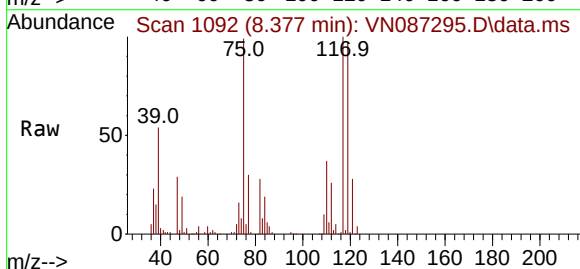
Tgt Ion: 75 Resp: 158248

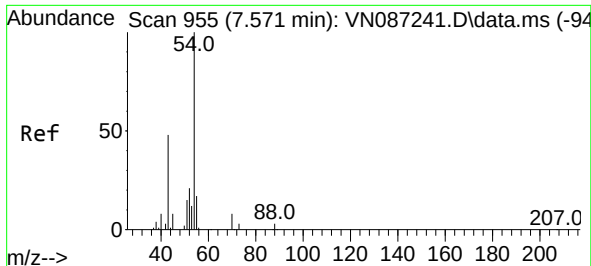
Ion Ratio Lower Upper

75 100

110 37.8 18.7 56.1

77 30.8 24.5 36.7

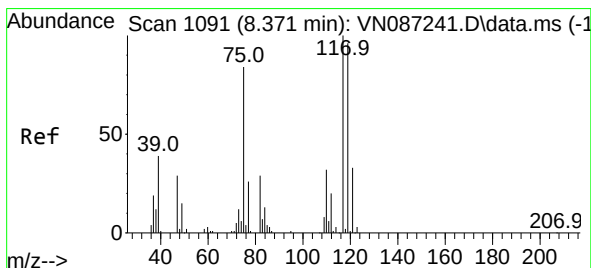
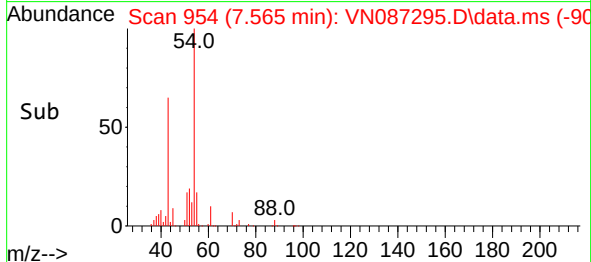
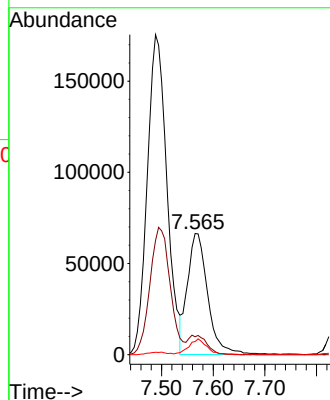
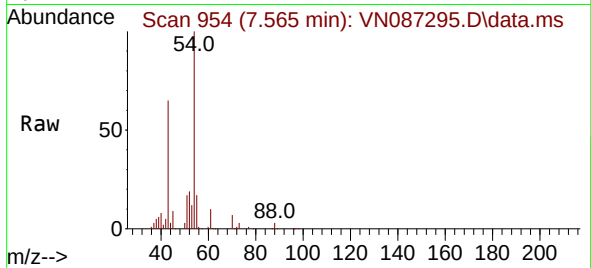




#37
Ethyl Acetate
Concen: 52.289 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

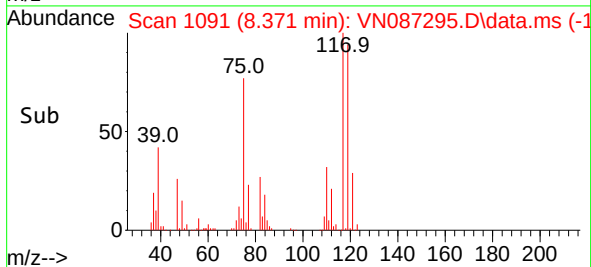
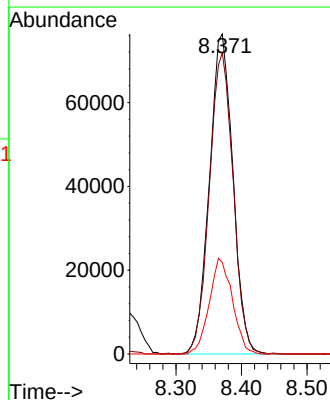
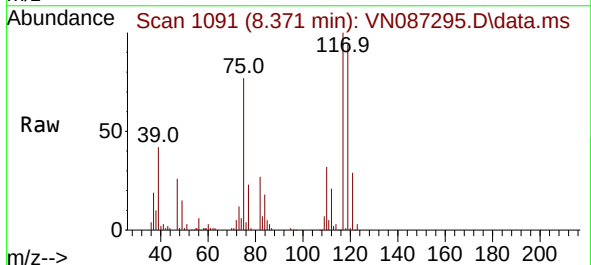
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

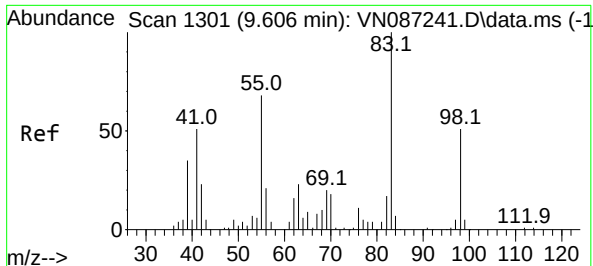
Tgt Ion: 43 Resp: 180347
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 52.255 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 117 Resp: 189978
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8
121 28.6 26.6 39.8





#39

Methylcyclohexane

Concen: 48.286 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

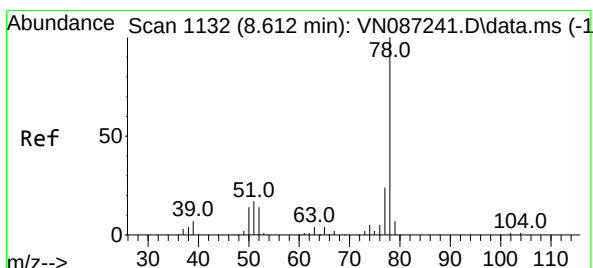
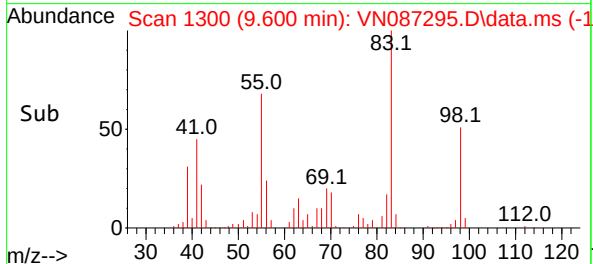
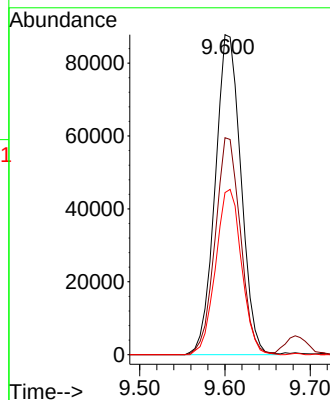
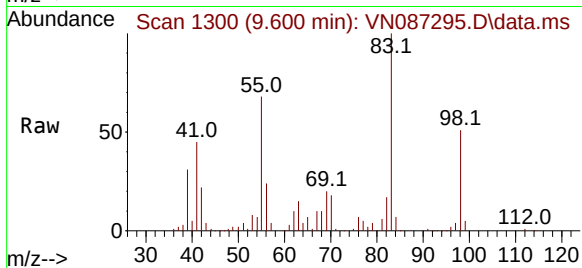
Tgt Ion: 83 Resp: 184496

Ion Ratio Lower Upper

83 100

55 67.8 54.6 81.8

98 50.7 41.2 61.8



#40

Benzene

Concen: 50.070 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087295.D

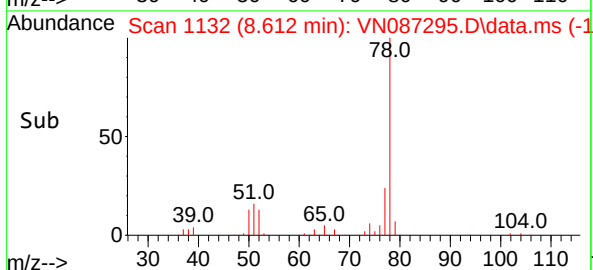
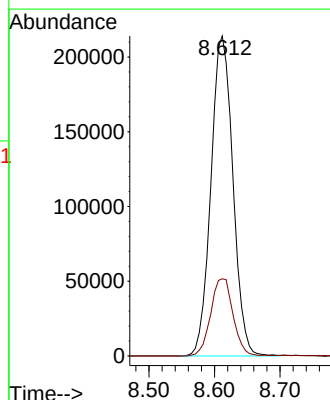
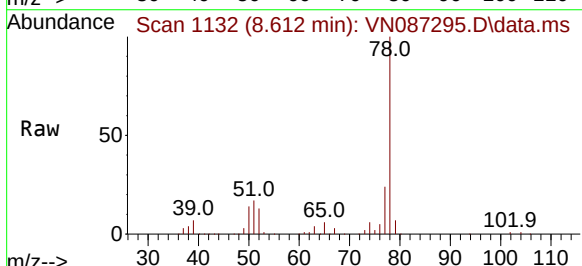
Acq: 08 Jul 2025 12:37

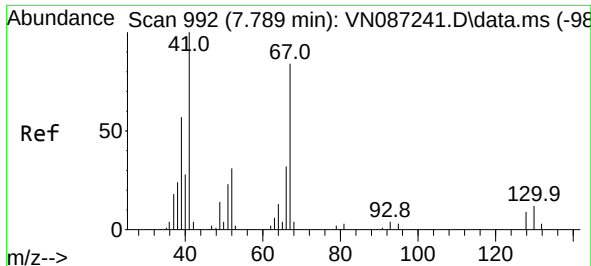
Tgt Ion: 78 Resp: 497701

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

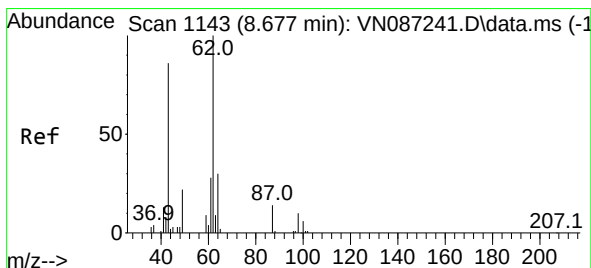
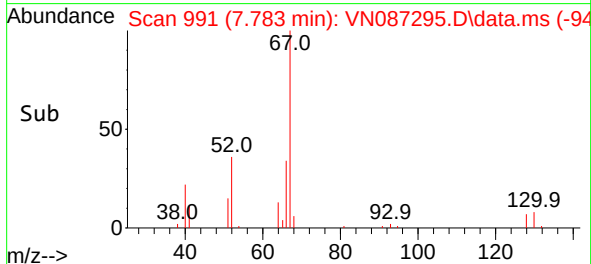
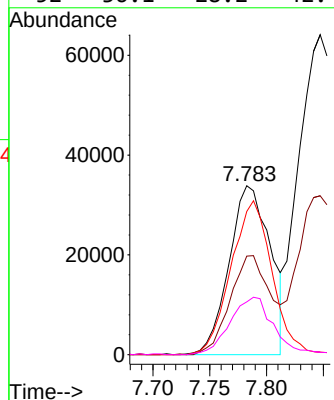
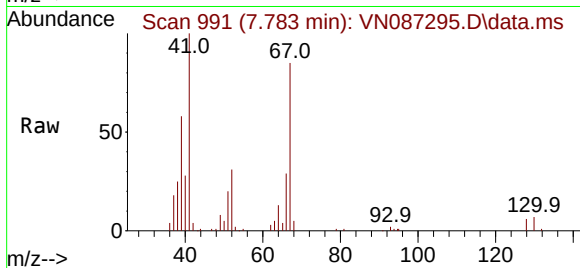




#41
Methacrylonitrile
Concen: 51.943 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

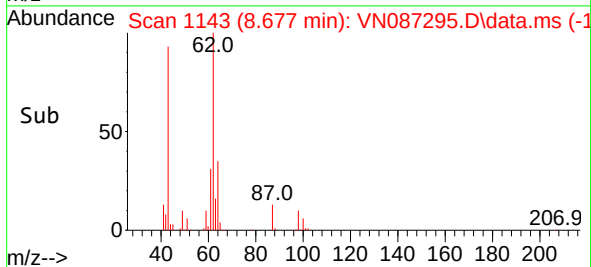
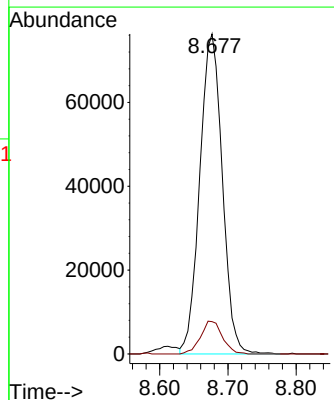
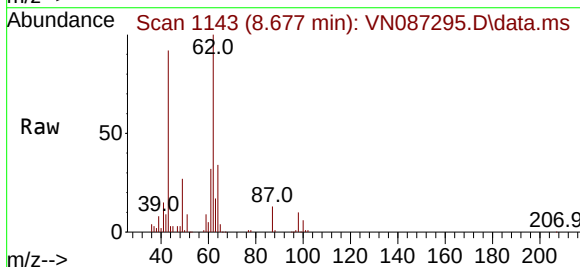
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

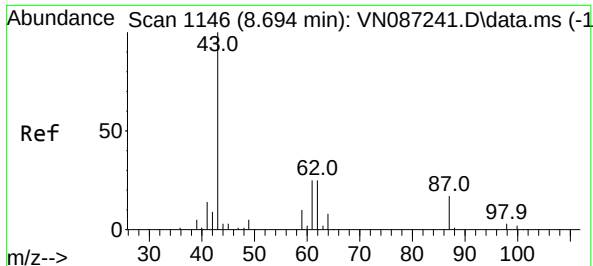
Tgt Ion:	41	Resp:	85659
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.4	69.6
67	90.7	70.8	106.2
52	36.1	28.2	42.4



#42
1,2-Dichloroethane
Concen: 53.035 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:	62	Resp:	175315
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 52.933 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

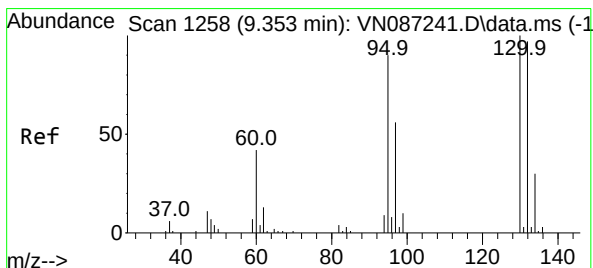
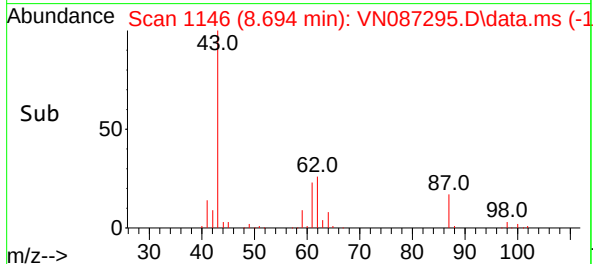
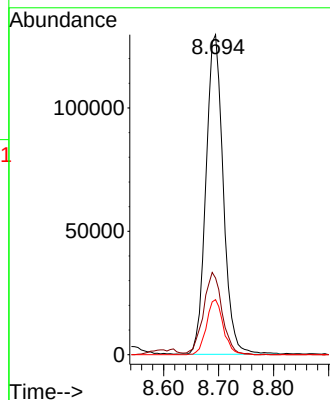
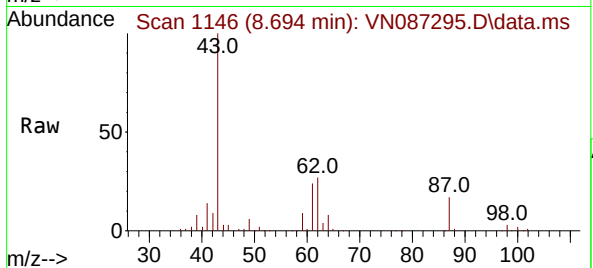
Tgt Ion: 43 Resp: 283127

Ion Ratio Lower Upper

43 100

61 27.9 22.4 33.6

87 16.8 12.8 19.2



#44

Trichloroethene

Concen: 49.912 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN087295.D

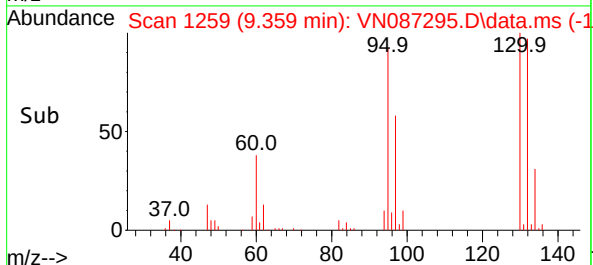
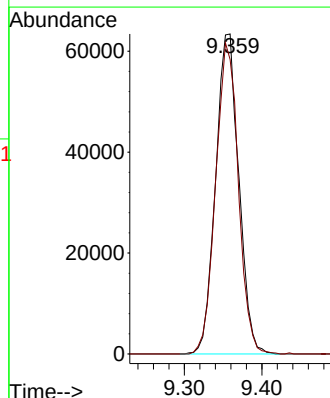
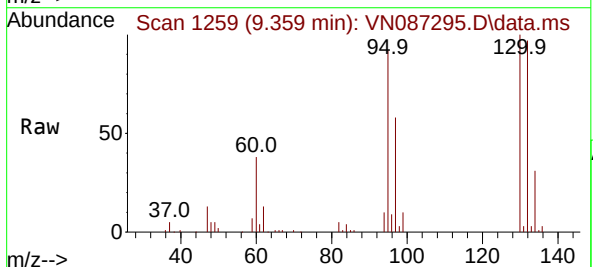
Acq: 08 Jul 2025 12:37

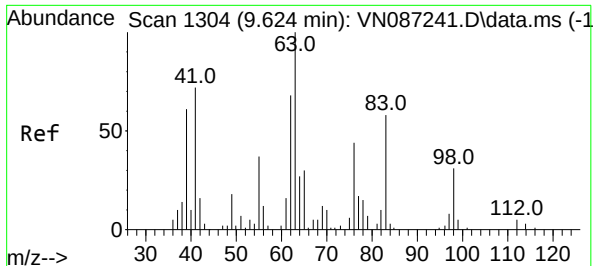
Tgt Ion:130 Resp: 131829

Ion Ratio Lower Upper

130 100

95 92.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.619 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

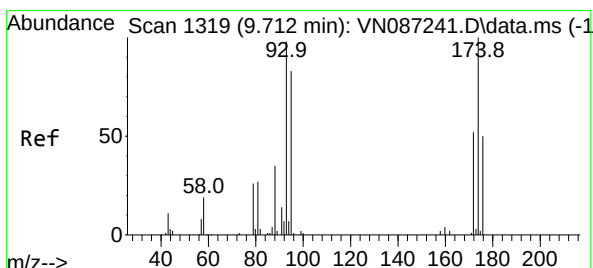
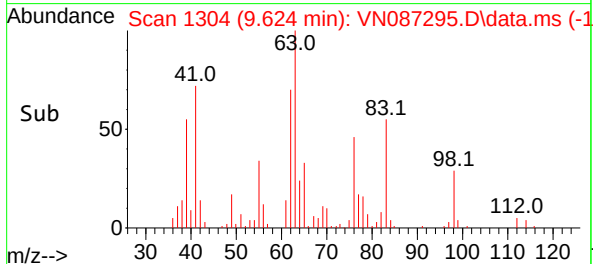
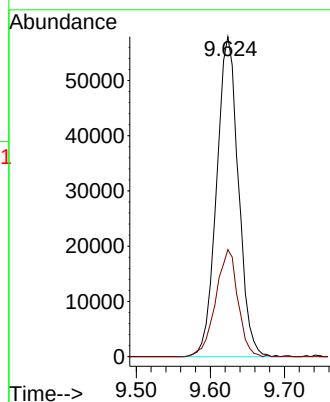
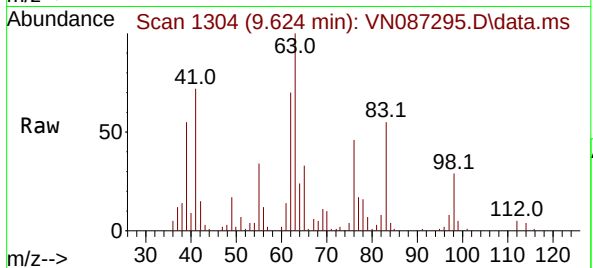
VSTDCCC050

Tgt Ion: 63 Resp: 118374

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 54.049 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

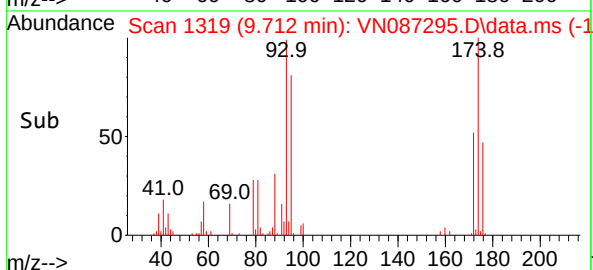
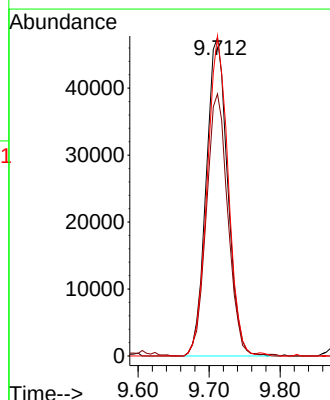
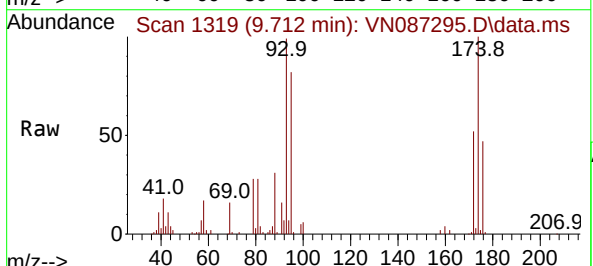
Tgt Ion: 93 Resp: 99651

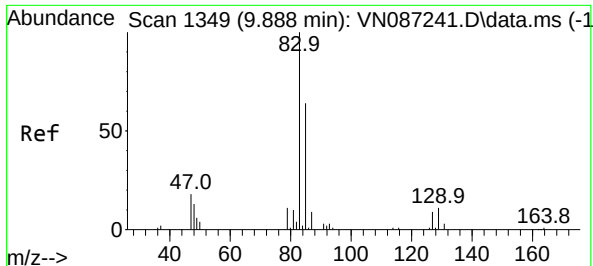
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 98.2 81.8 122.6

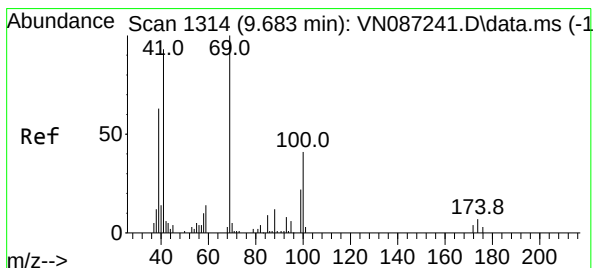
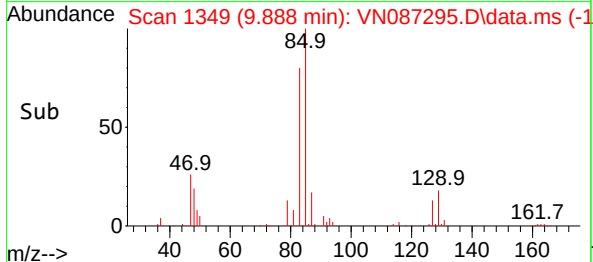
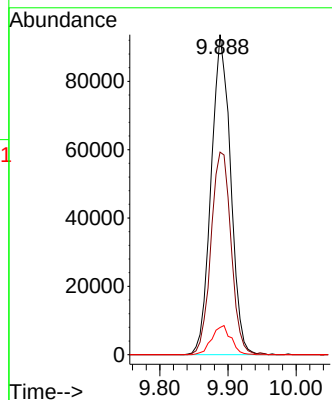
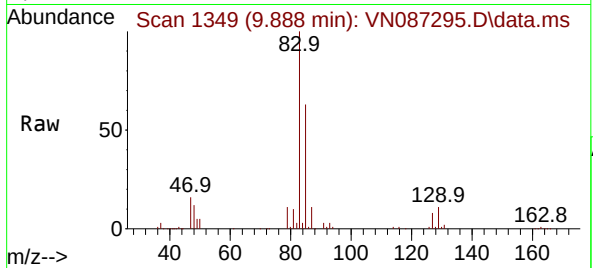




#47
Bromodichloromethane
Concen: 52.808 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

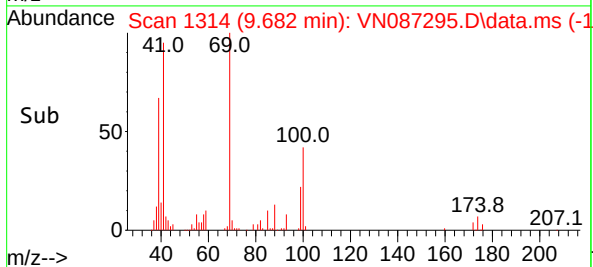
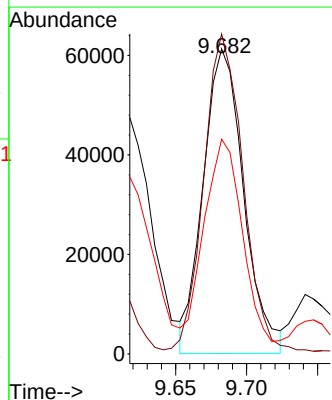
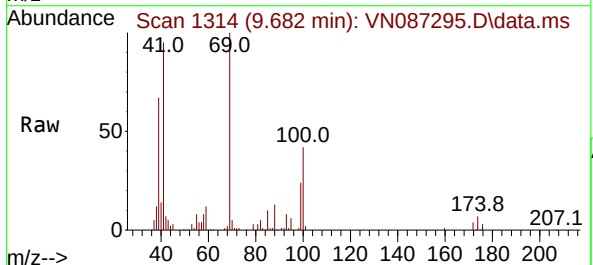
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

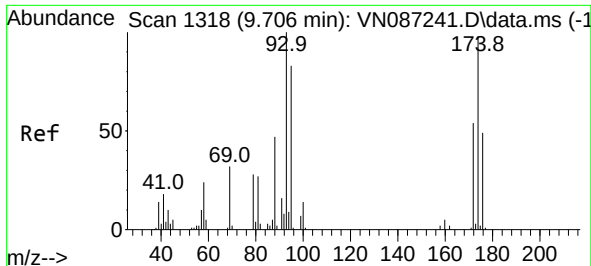
Tgt Ion: 83 Resp: 185691
Ion Ratio Lower Upper
83 100
85 63.3 51.2 76.8
127 8.5 7.0 10.4



#48
Methyl methacrylate
Concen: 53.879 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 41 Resp: 121461
Ion Ratio Lower Upper
41 100
69 102.8 81.4 122.2
39 68.5 56.9 85.3





#49

1,4-Dioxane

Concen: 1006.641 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

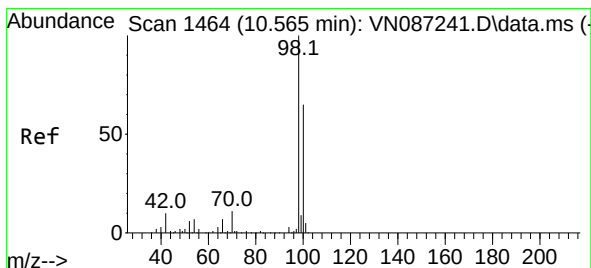
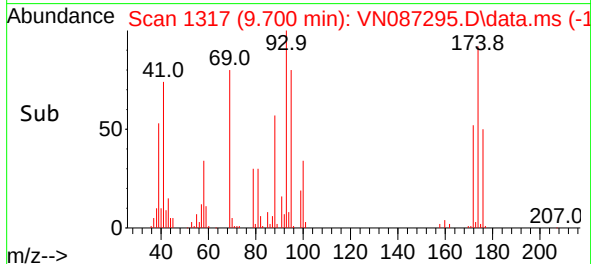
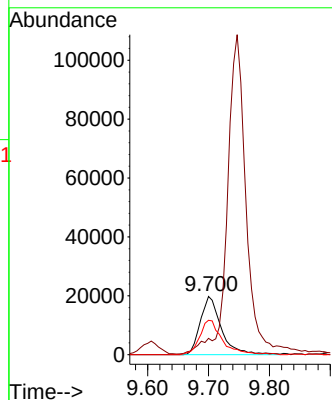
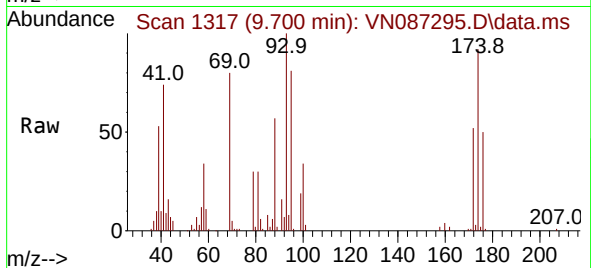
Tgt Ion: 88 Resp: 47270

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 62.9 47.8 71.8



#50

Toluene-d8

Concen: 51.162 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087295.D

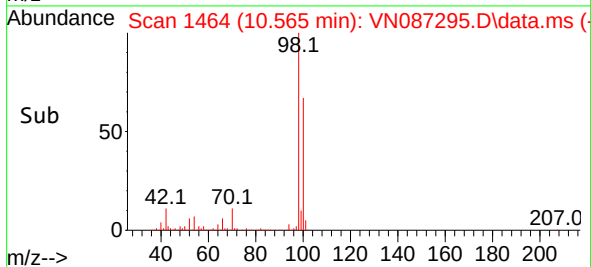
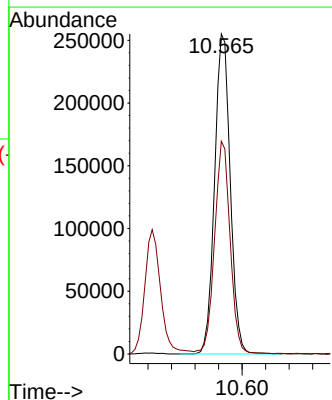
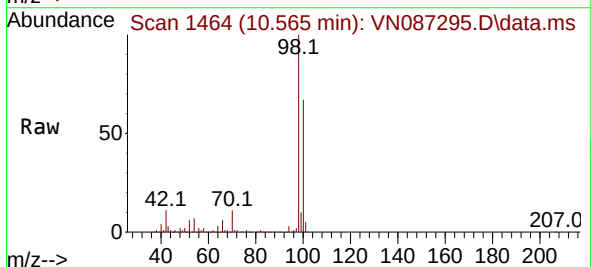
Acq: 08 Jul 2025 12:37

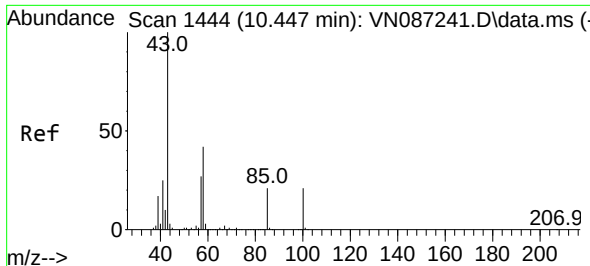
Tgt Ion: 98 Resp: 470499

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1

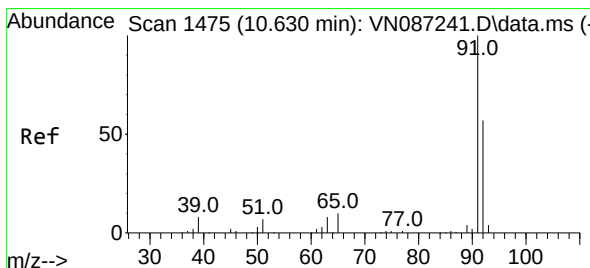
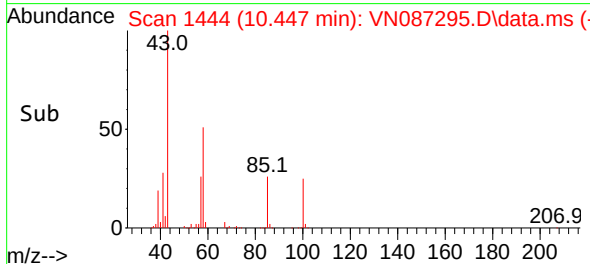
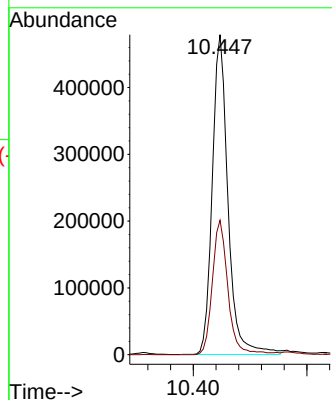
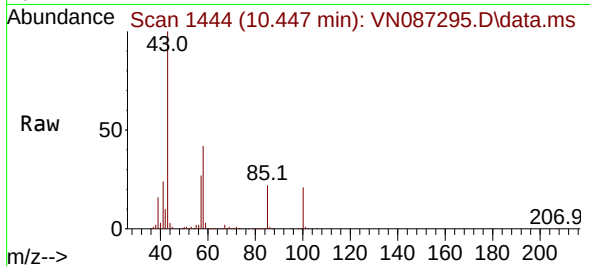




#51
4-Methyl-2-Pentanone
Concen: 280.815 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

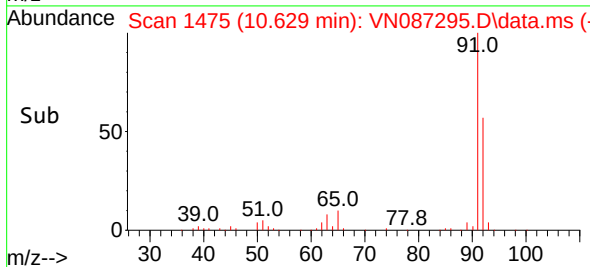
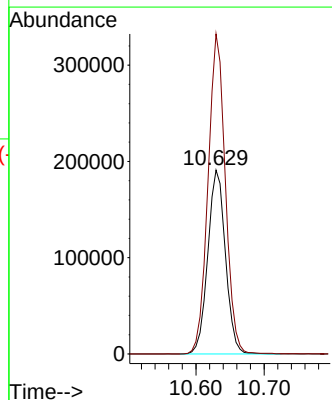
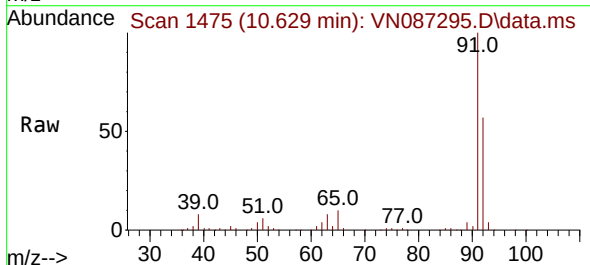
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

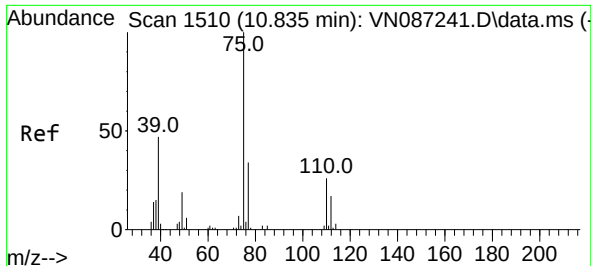
Tgt Ion: 43 Resp: 919010
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.2



#52
Toluene
Concen: 52.684 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 92 Resp: 343443
Ion Ratio Lower Upper
92 100
91 170.9 137.8 206.6

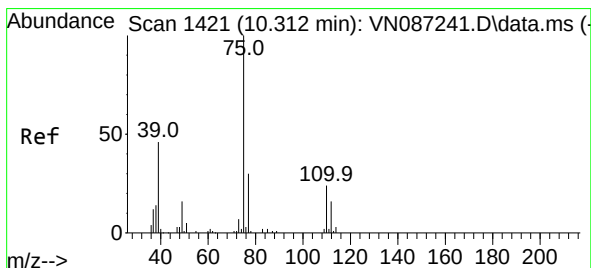
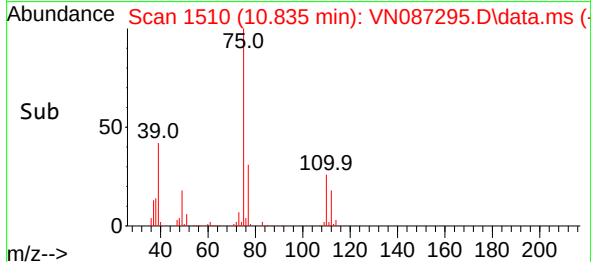
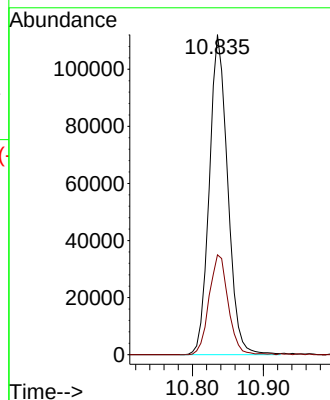
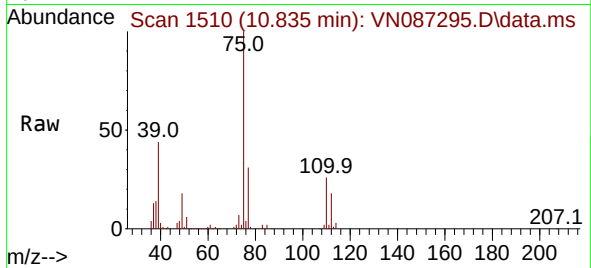




#53
t-1,3-Dichloropropene
Concen: 53.510 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

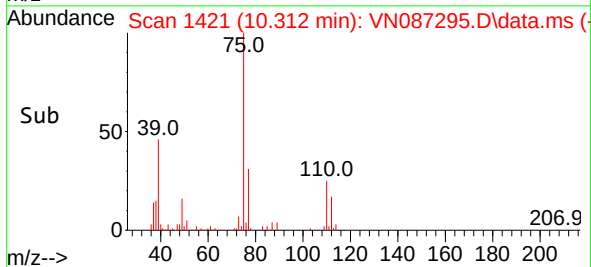
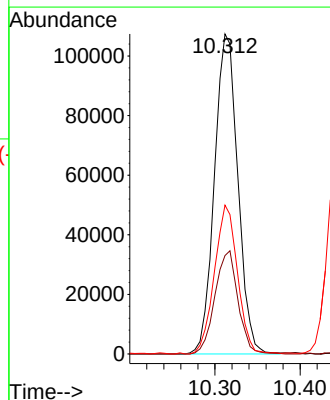
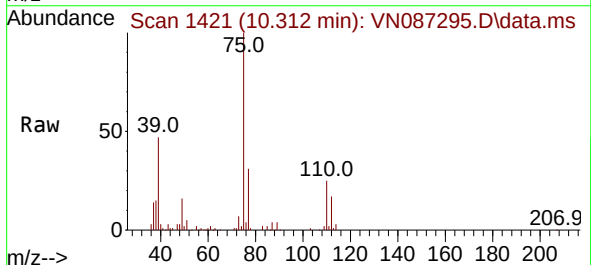
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

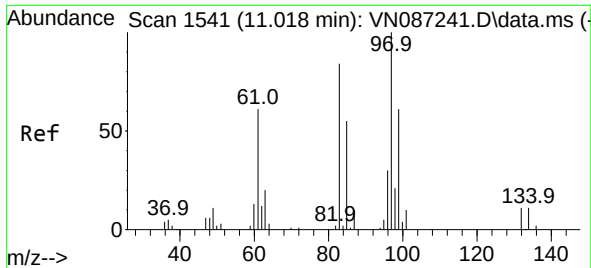
Tgt Ion: 75 Resp: 201815
Ion Ratio Lower Upper
75 100
77 31.2 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 53.441 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 75 Resp: 205354
Ion Ratio Lower Upper
75 100
77 30.7 24.1 36.1
39 46.3 36.7 55.1

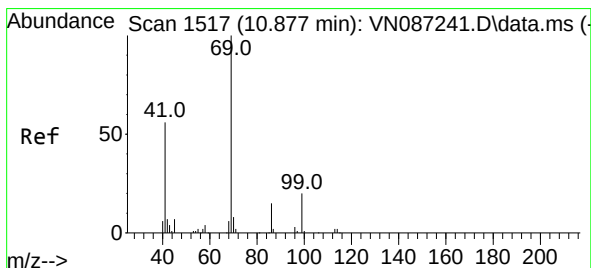
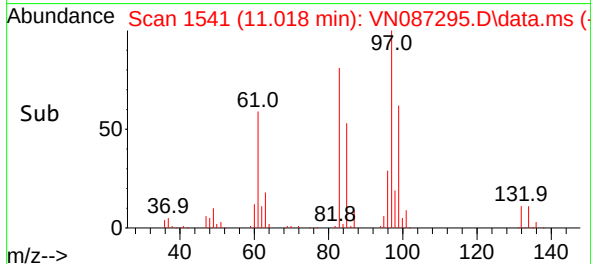
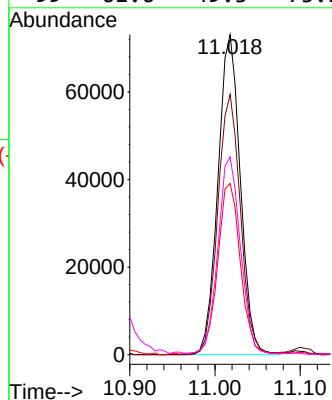
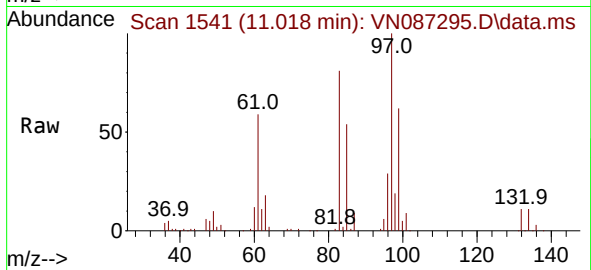




#55
 1,1,2-Trichloroethane
 Concen: 54.336 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

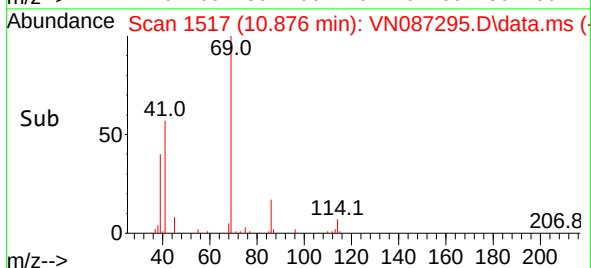
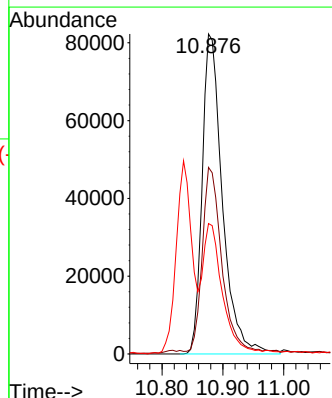
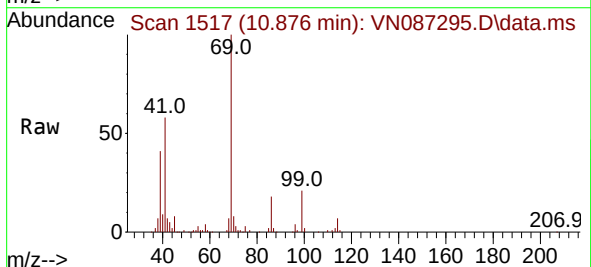
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

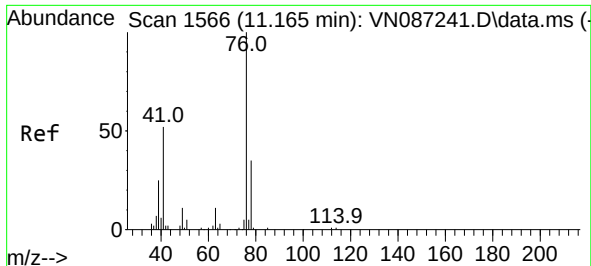
Tgt Ion:	97	Resp:	133807
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.4	101.2
85	53.3	43.6	65.4
99	61.6	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 52.782 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.001 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

Tgt Ion:	69	Resp:	190432
Ion	Ratio	Lower	Upper
69	100		
41	54.5	44.2	66.4
39	37.9	29.5	44.3

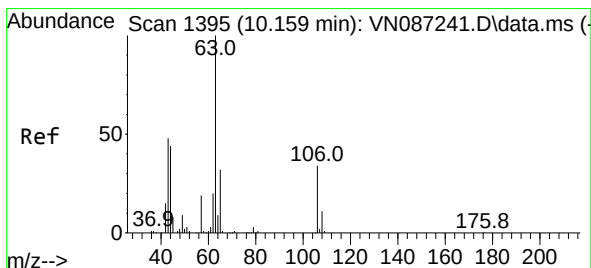
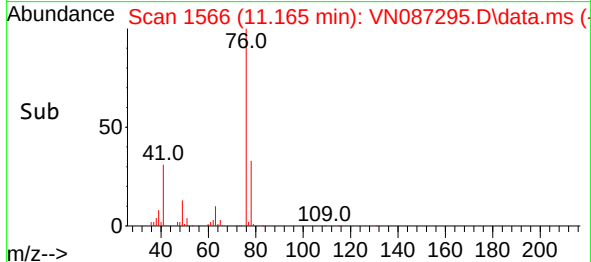
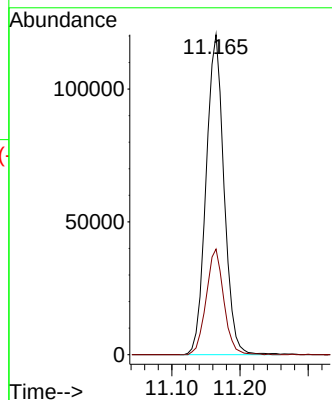
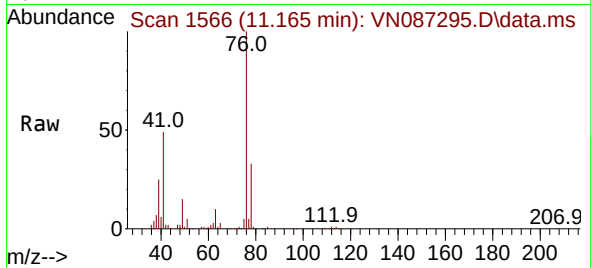




#57
1,3-Dichloropropane
Concen: 54.823 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

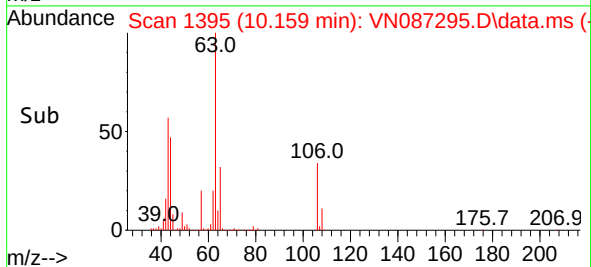
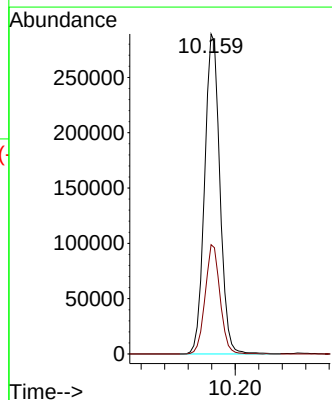
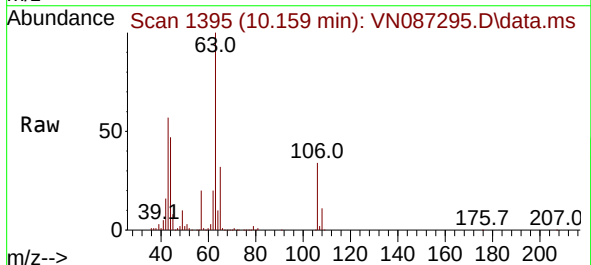
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

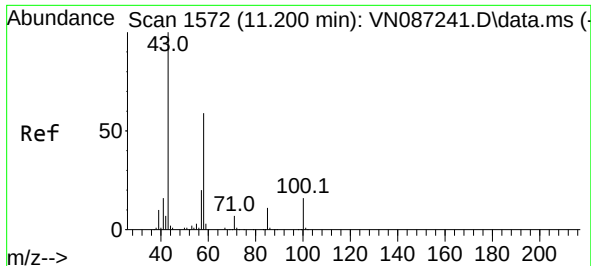
Tgt Ion: 76 Resp: 220346
Ion Ratio Lower Upper
76 100
78 32.4 27.1 40.7



#58
2-Chloroethyl Vinyl ether
Concen: 274.391 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 63 Resp: 523216
Ion Ratio Lower Upper
63 100
106 33.2 26.9 40.3

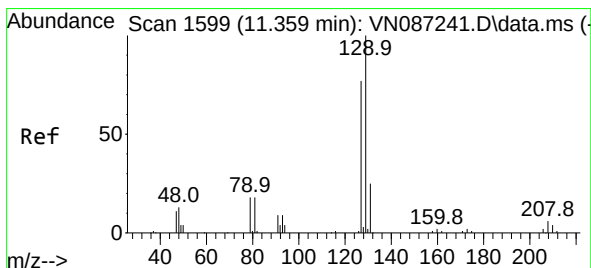
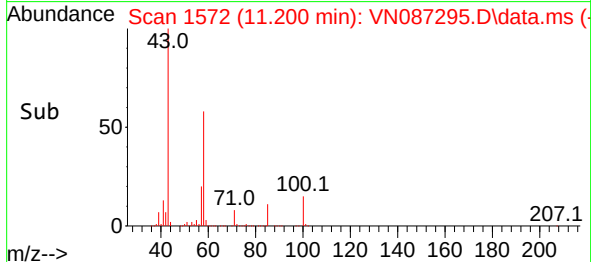
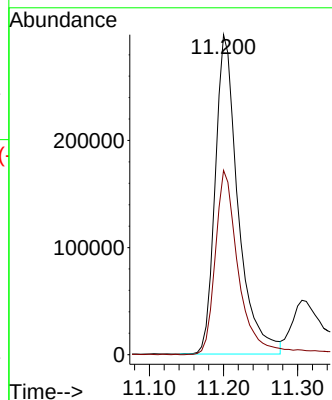
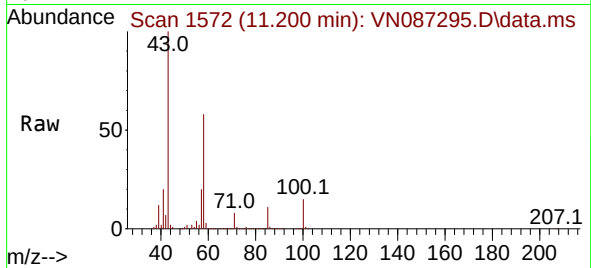




#59
2-Hexanone
Concen: 272.295 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

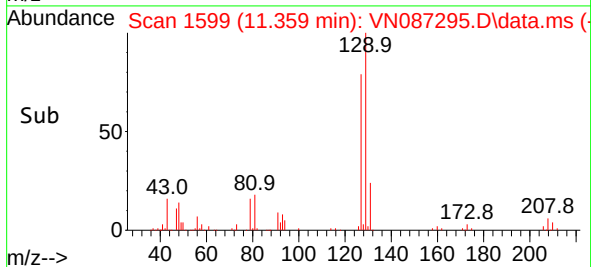
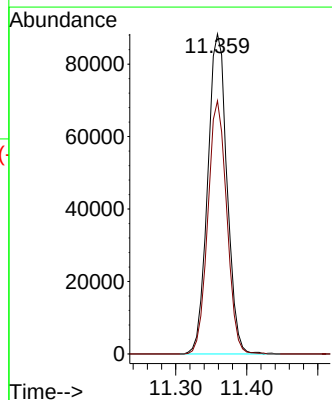
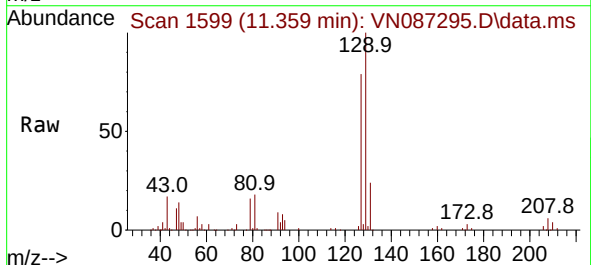
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

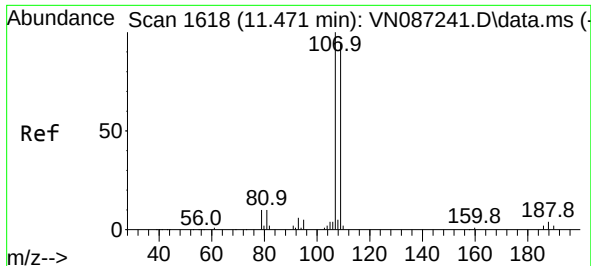
Tgt Ion: 43 Resp: 638317
Ion Ratio Lower Upper
43 100
58 60.8 31.1 93.3



#60
Dibromochloromethane
Concen: 57.489 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 129 Resp: 166889
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9

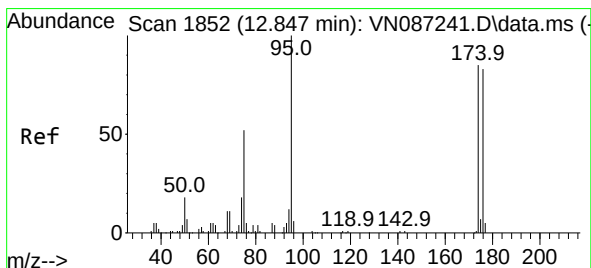
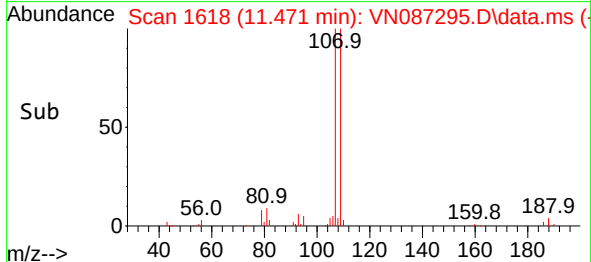
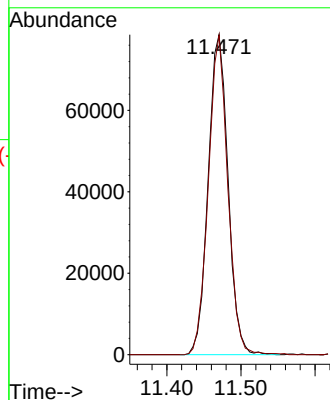
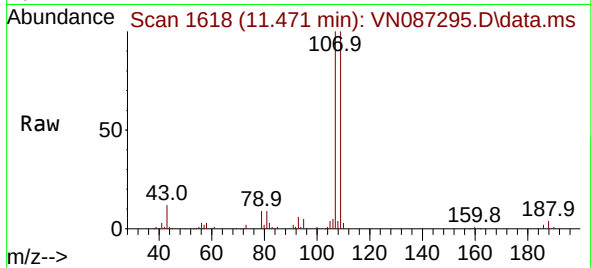




#61
1,2-Dibromoethane
Concen: 55.303 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

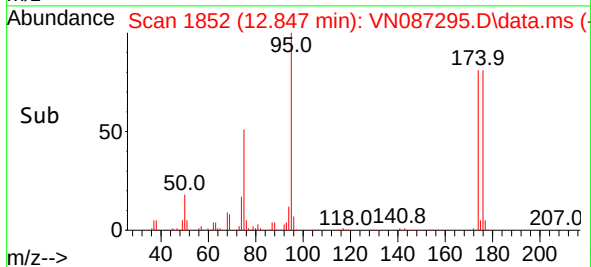
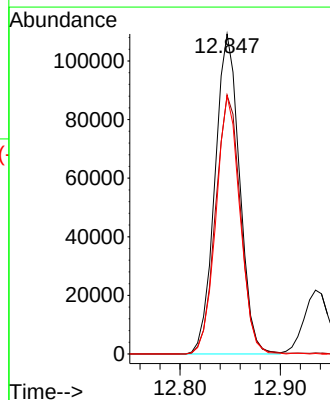
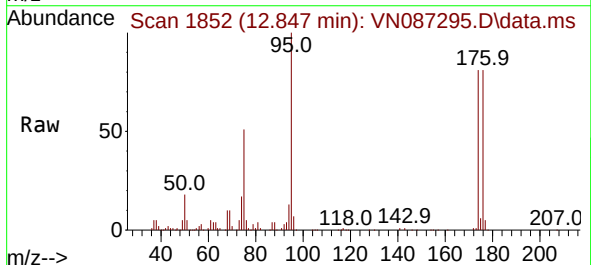
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

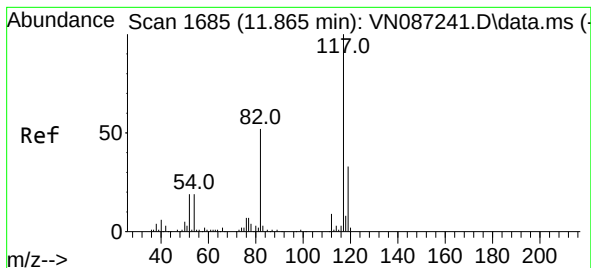
Tgt Ion:107 Resp: 146495
Ion Ratio Lower Upper
107 100
109 97.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 56.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 95 Resp: 186499
Ion Ratio Lower Upper
95 100
174 81.8 0.0 169.6
176 78.4 0.0 161.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

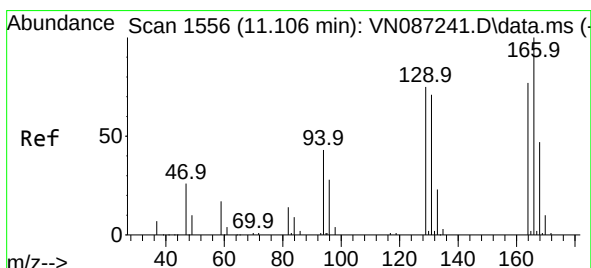
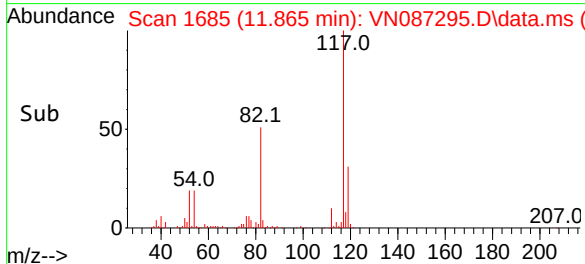
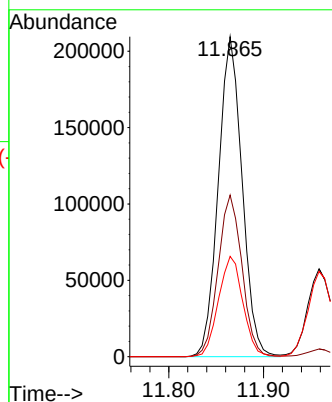
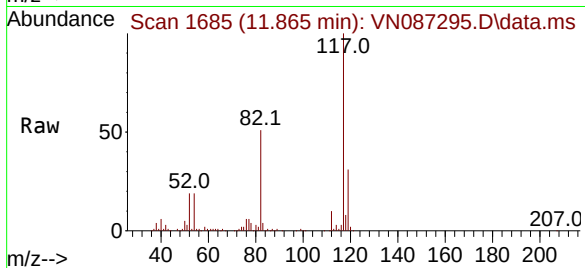
Tgt Ion:117 Resp: 365773

Ion Ratio Lower Upper

117 100

82 50.5 41.9 62.9

119 31.3 26.2 39.4



#64

Tetrachloroethene

Concen: 49.091 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Tgt Ion:164 Resp: 119723

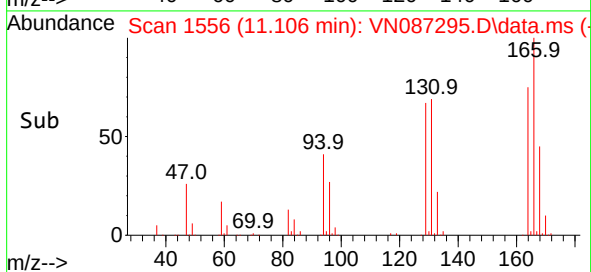
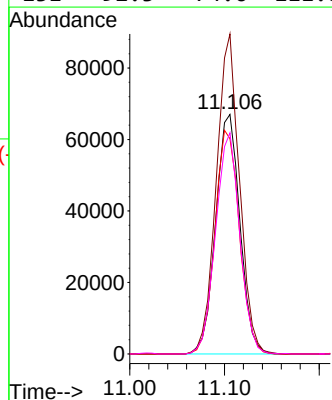
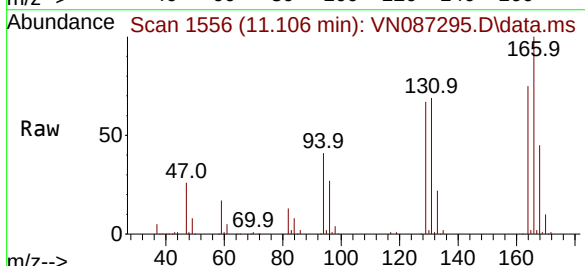
Ion Ratio Lower Upper

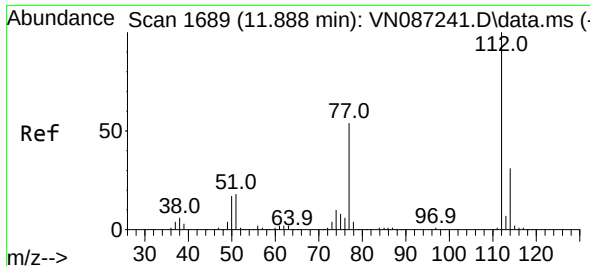
164 100

166 133.6 104.3 156.5

129 89.8 78.5 117.7

131 92.3 74.6 111.8

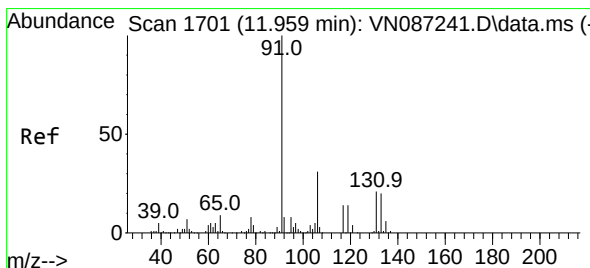
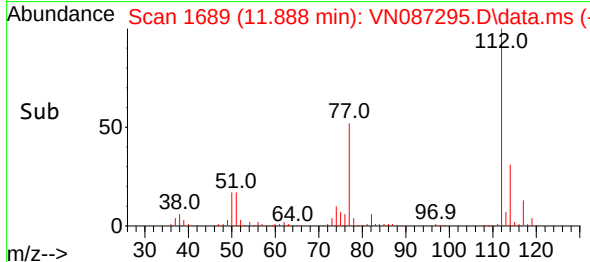
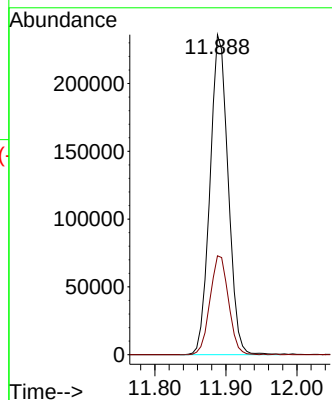
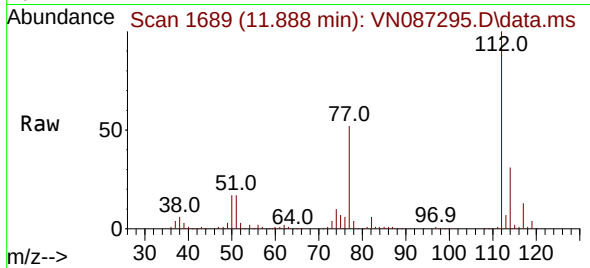




#65
Chlorobenzene
Concen: 50.965 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

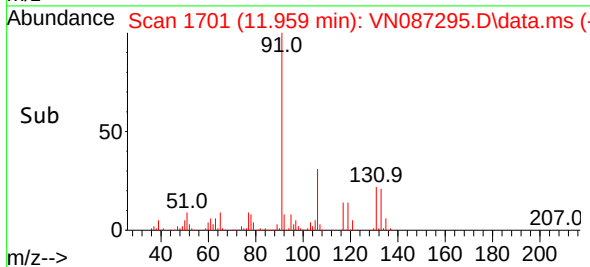
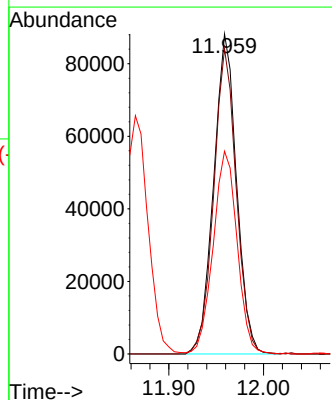
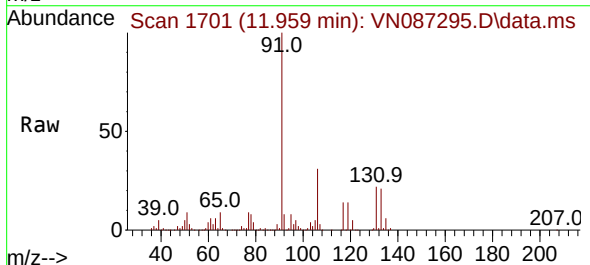
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

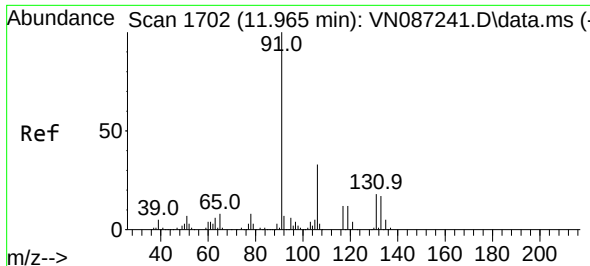
Tgt Ion:112 Resp: 418292
Ion Ratio Lower Upper
112 100
114 30.9 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.303 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:131 Resp: 148227
Ion Ratio Lower Upper
131 100
133 94.1 47.2 141.6
119 66.3 32.4 97.2

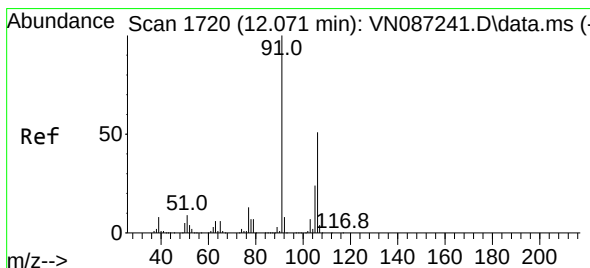
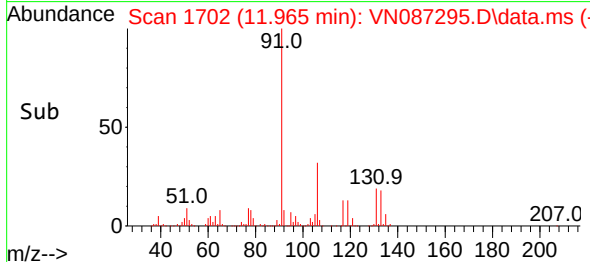
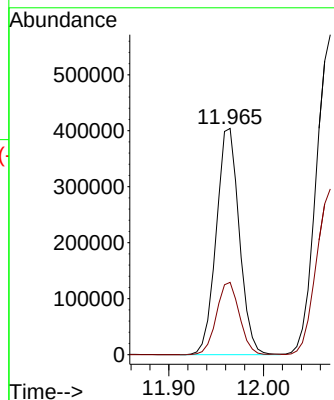
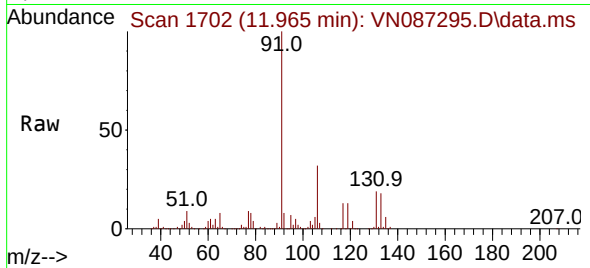




#67
Ethyl Benzene
Concen: 51.423 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

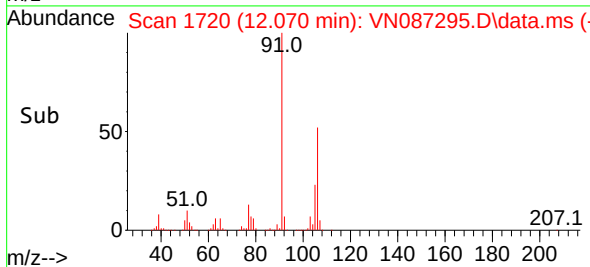
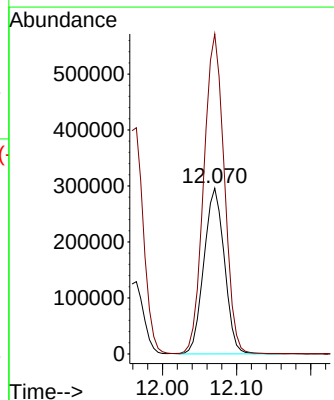
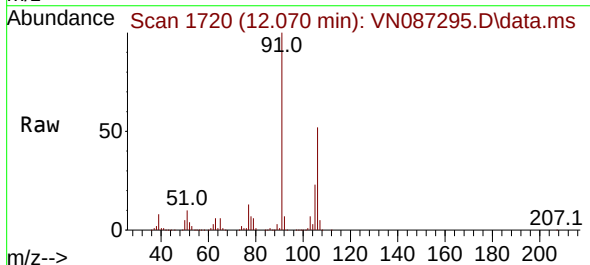
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

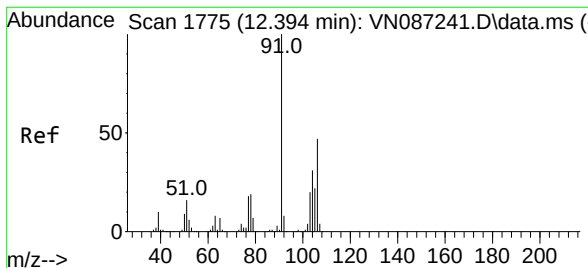
Tgt Ion: 91 Resp: 682945
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.4



#68
m/p-Xylenes
Concen: 106.802 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:106 Resp: 566705
Ion Ratio Lower Upper
106 100
91 193.8 158.2 237.2

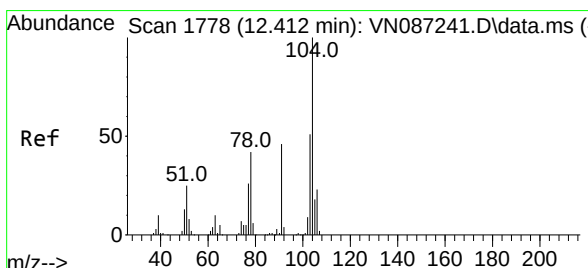
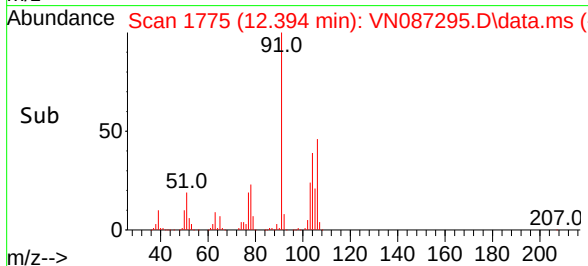
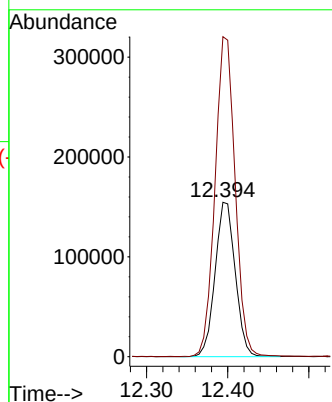
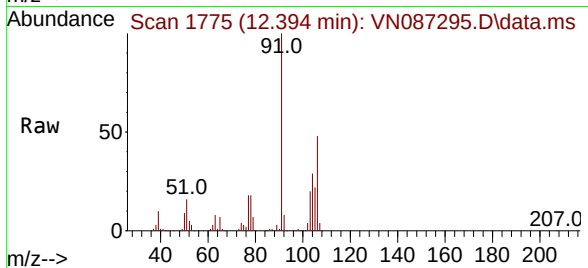




#69
o-Xylene
Concen: 53.807 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

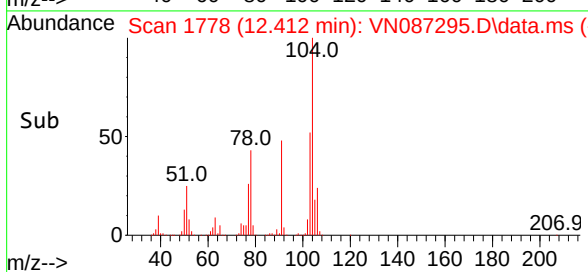
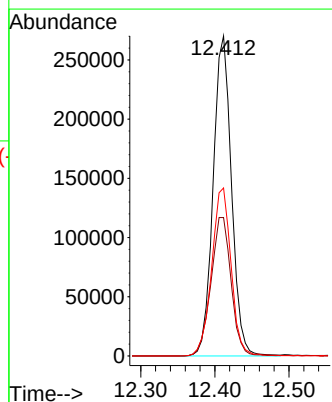
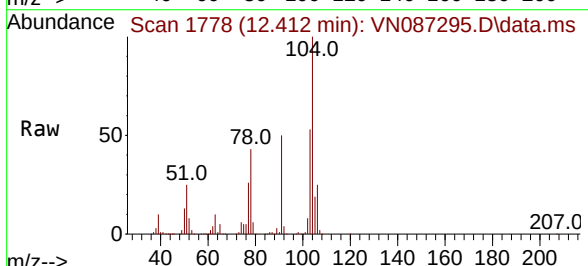
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

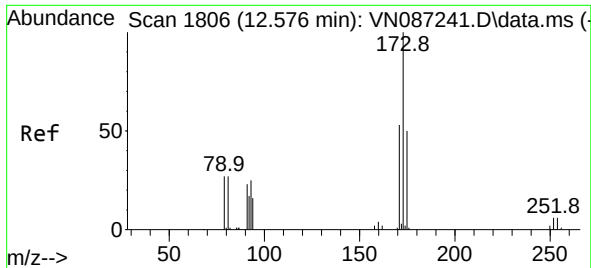
Tgt Ion:106 Resp: 267077
Ion Ratio Lower Upper
106 100
91 206.6 105.4 316.1



#70
Styrene
Concen: 55.054 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:104 Resp: 464405
Ion Ratio Lower Upper
104 100
78 47.6 37.6 56.4
103 55.6 44.0 66.0

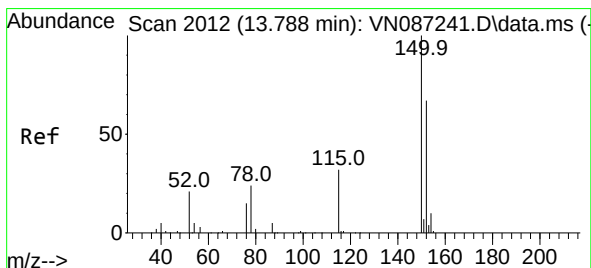
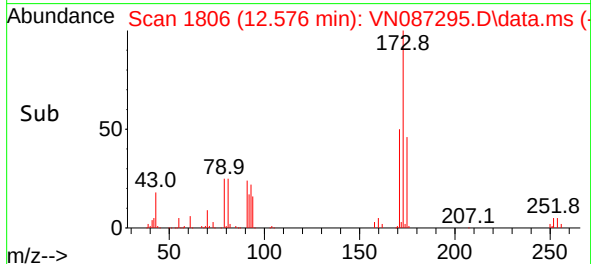
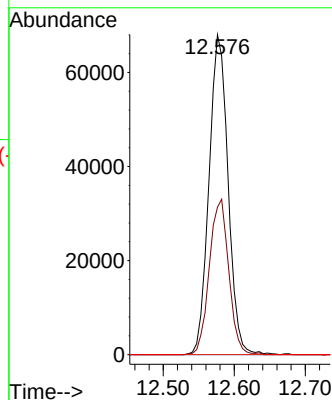
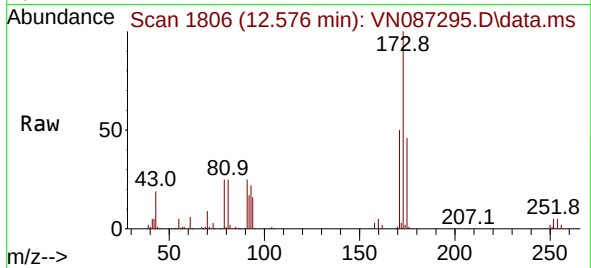




#71
Bromoform
Concen: 58.078 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

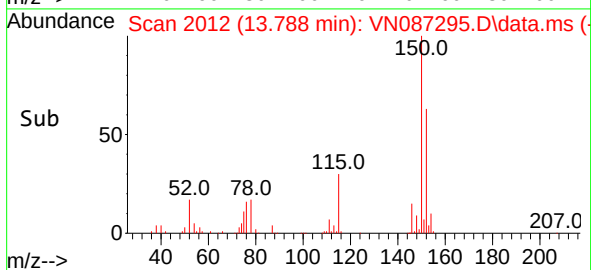
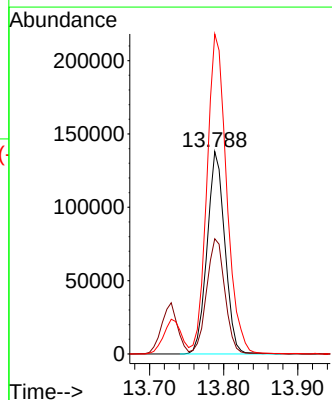
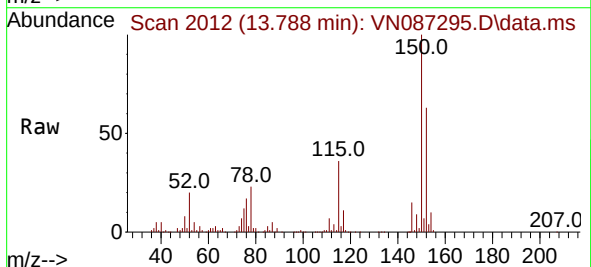
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

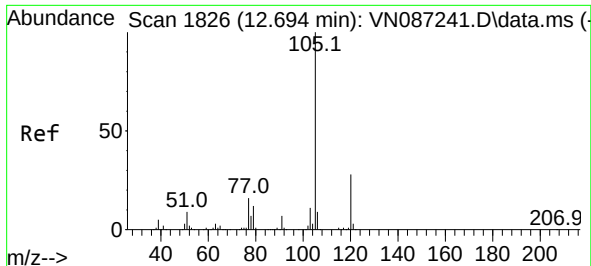
Tgt Ion:173 Resp: 126981
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:152 Resp: 228701
Ion Ratio Lower Upper
152 100
115 58.3 28.3 84.9
150 175.8 0.0 344.6

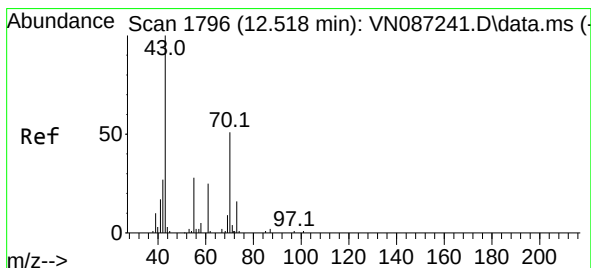
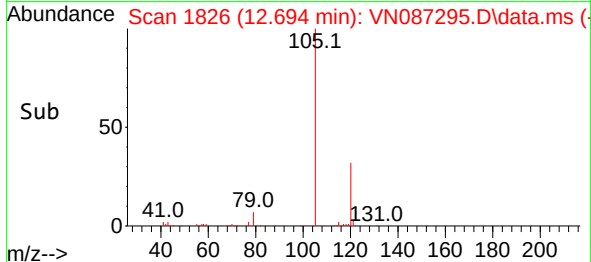
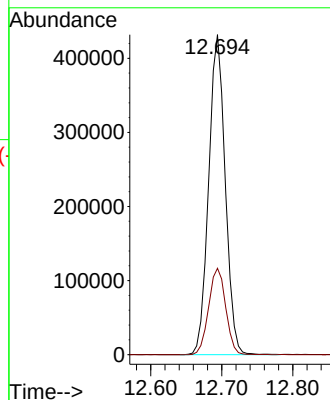
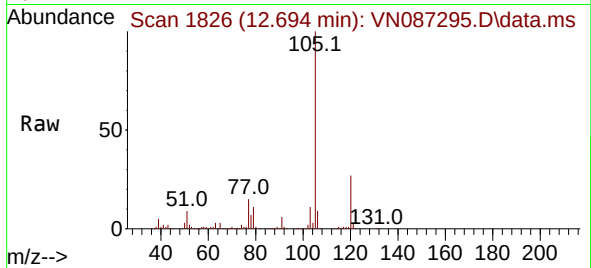




#73
Isopropylbenzene
Concen: 47.483 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

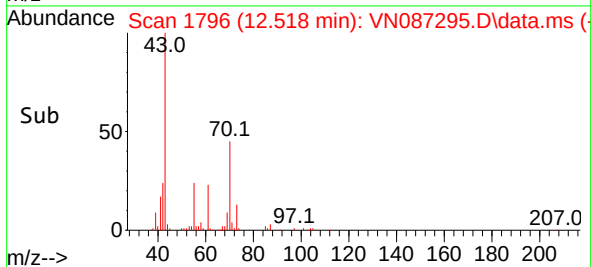
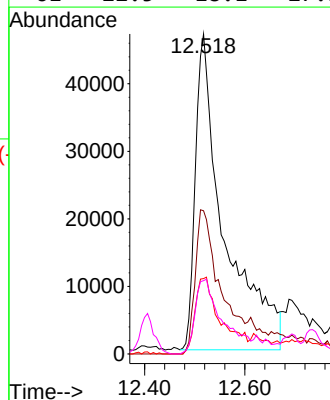
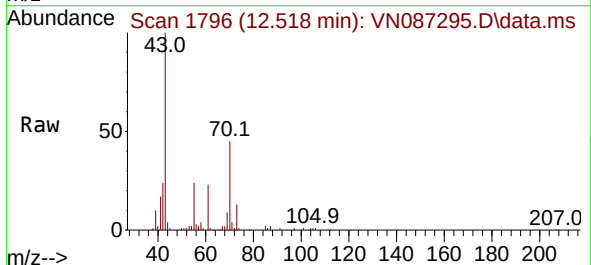
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

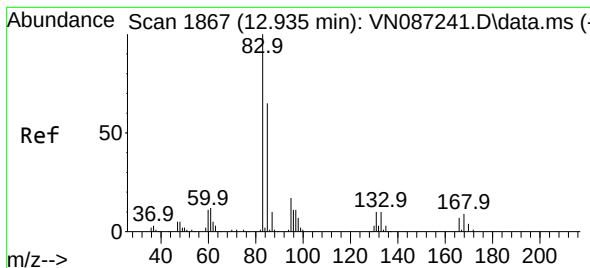
Tgt Ion:105 Resp: 699716
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.6



#74
N-ethyl acetate
Concen: 38.514 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 43 Resp: 186637
Ion Ratio Lower Upper
43 100
70 39.7 29.2 43.8
55 21.7 17.0 25.4
61 22.5 18.1 27.1

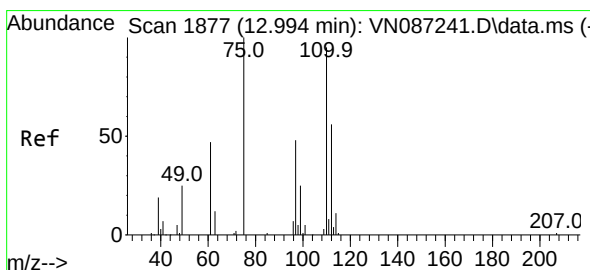
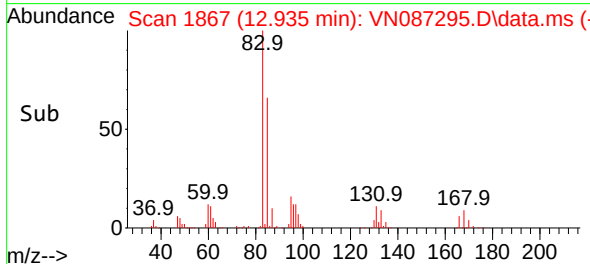
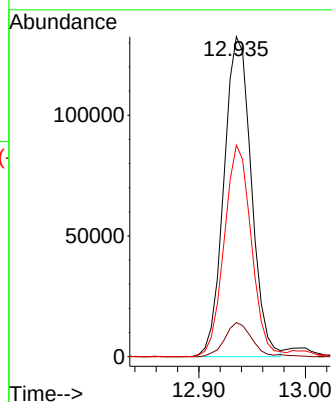
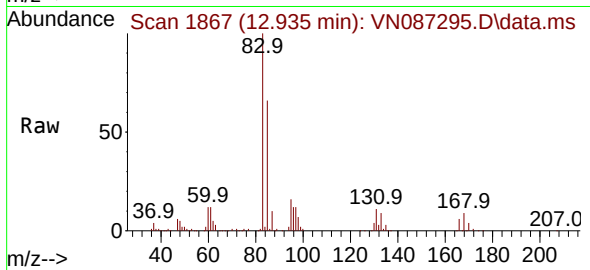




#75
1,1,2,2-Tetrachloroethane
Concen: 48.813 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

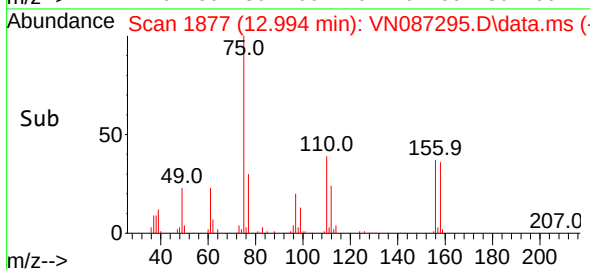
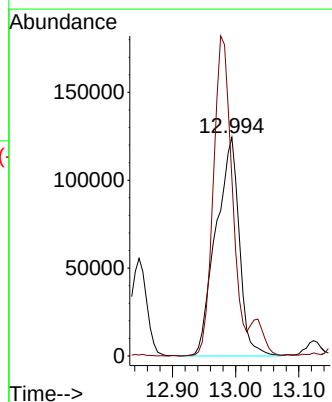
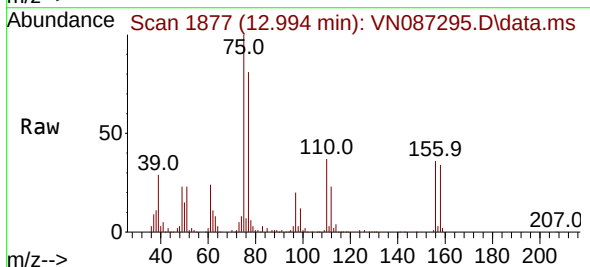
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

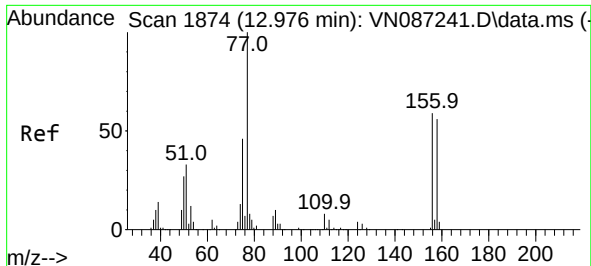
Tgt Ion: 83 Resp: 236605
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 65.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 73.471 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 75 Resp: 319602
Ion Ratio Lower Upper
75 100
77 117.2 82.0 245.8

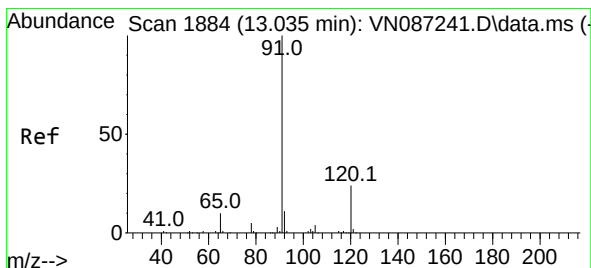
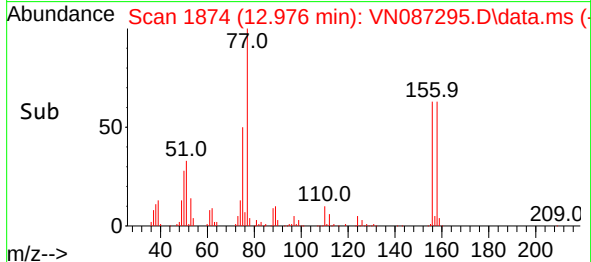
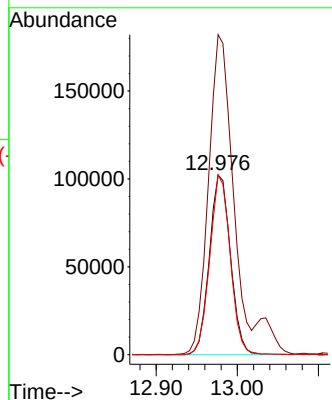
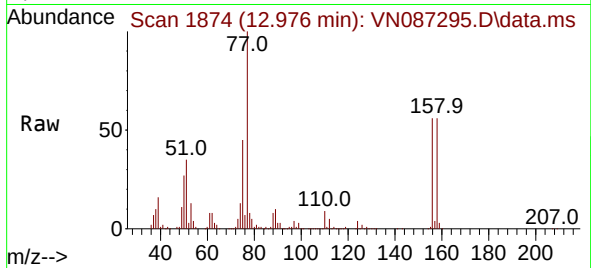




#77
Bromobenzene
Concen: 48.025 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

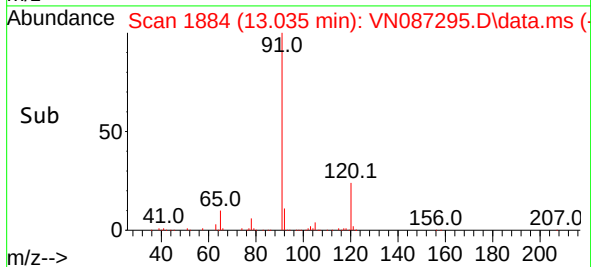
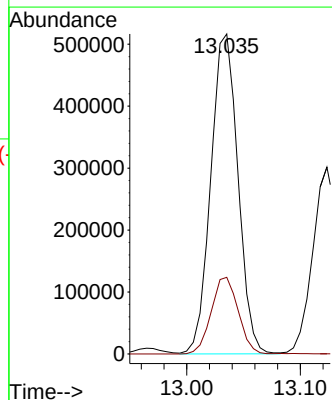
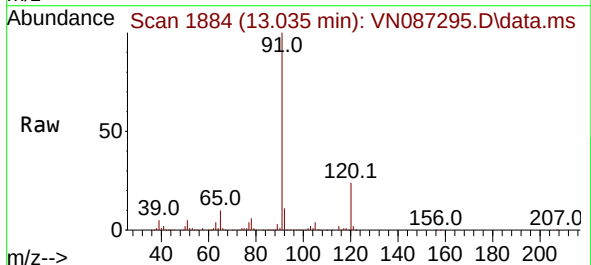
Instrument :
MSVOA_N
ClientSampleId :
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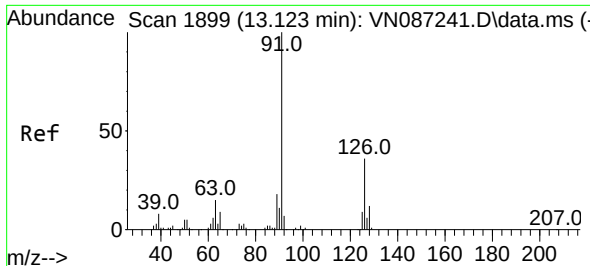
Tgt Ion:156 Resp: 184740
Ion Ratio Lower Upper
156 100
77 202.8 98.0 294.1
158 96.8 47.7 143.1



#78
n-propylbenzene
Concen: 48.245 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 91 Resp: 858767
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.0

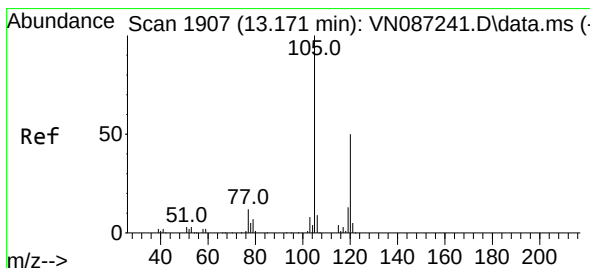
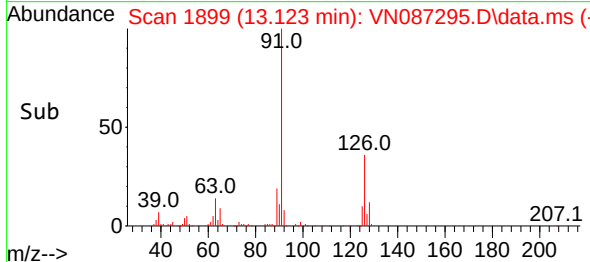
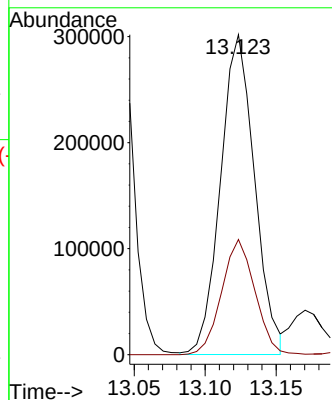
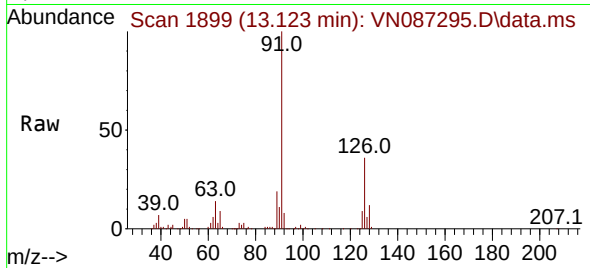




#79
2-Chlorotoluene
Concen: 47.528 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

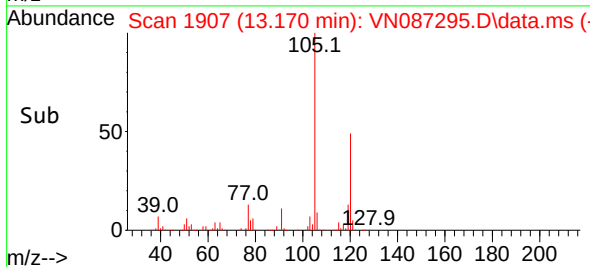
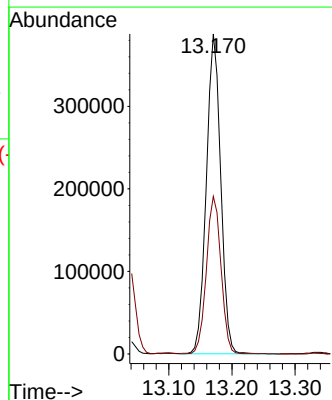
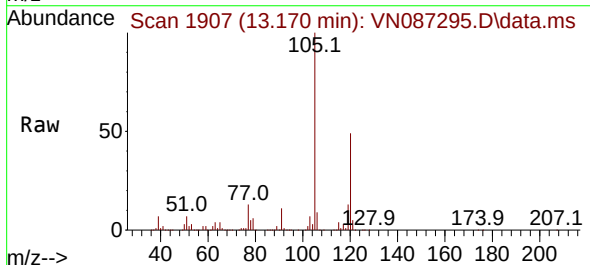
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

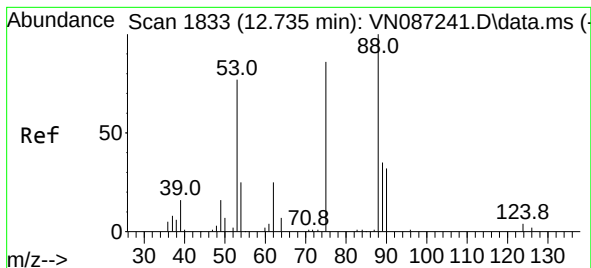
Tgt Ion: 91 Resp: 503494
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 49.639 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 105 Resp: 611421
Ion Ratio Lower Upper
105 100
120 50.1 25.3 75.8

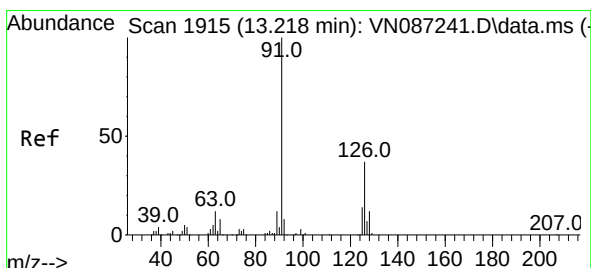
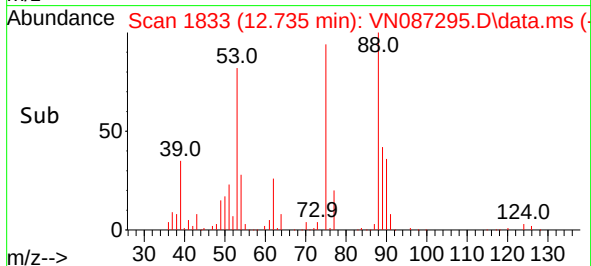
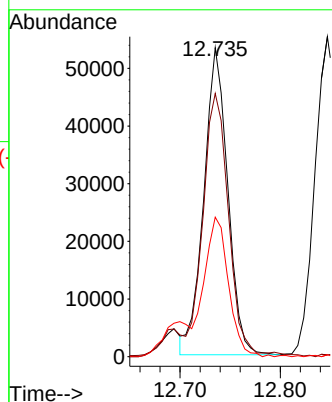
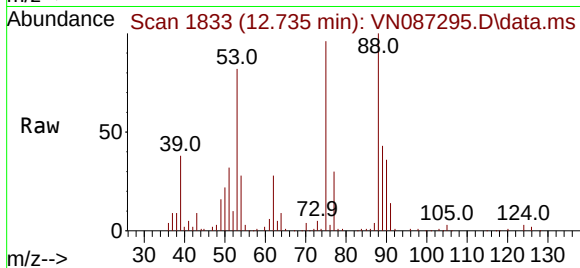




#81
trans-1,4-Dichloro-2-butene
Concen: 47.912 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

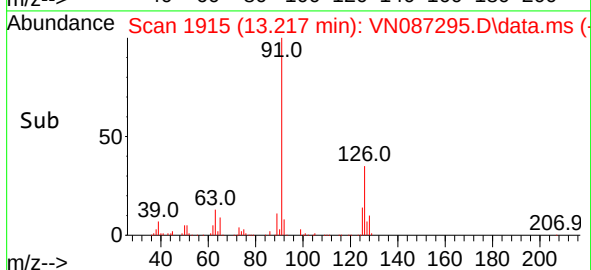
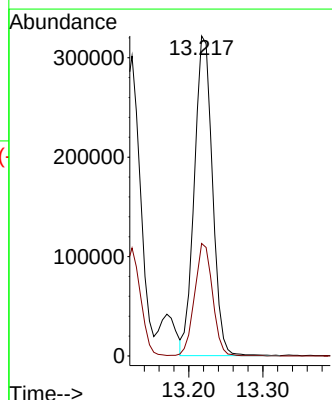
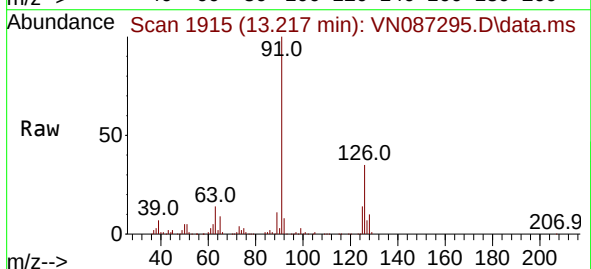
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

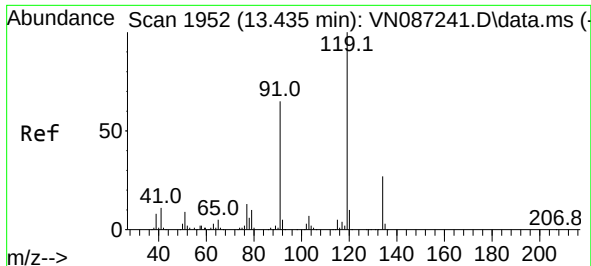
Tgt Ion: 75 Resp: 88731
Ion Ratio Lower Upper
75 100
53 87.8 70.6 105.8
89 45.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 49.090 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 91 Resp: 544384
Ion Ratio Lower Upper
91 100
126 34.9 18.2 54.6

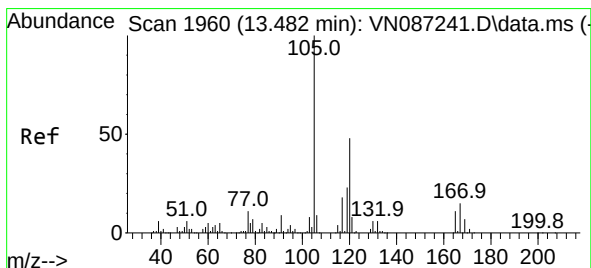
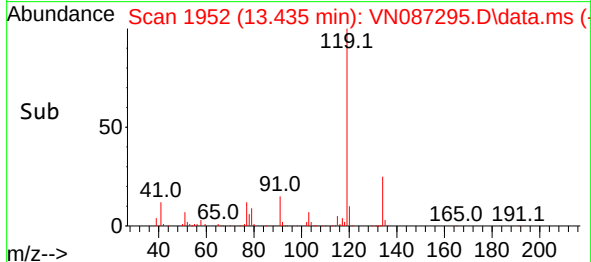
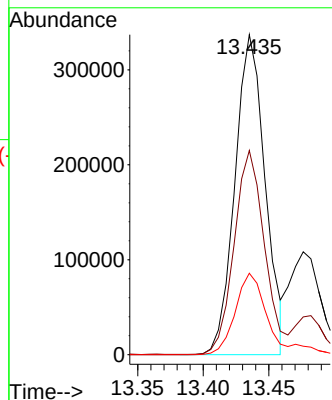
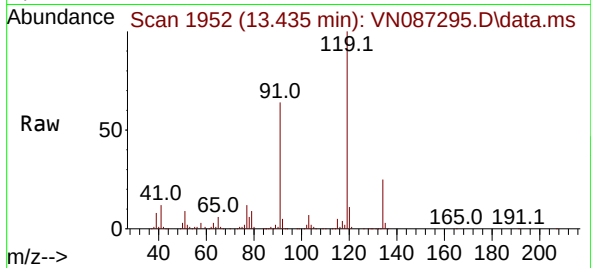




#83
tert-Butylbenzene
Concen: 50.098 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

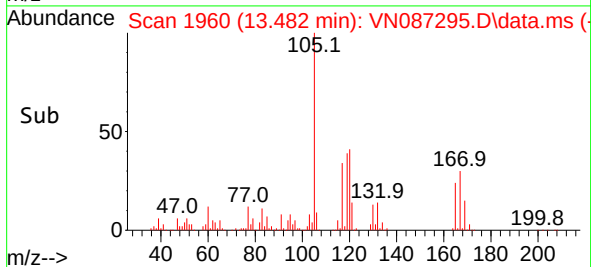
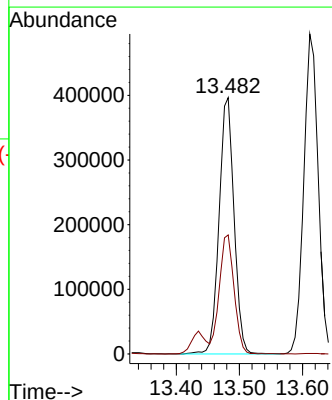
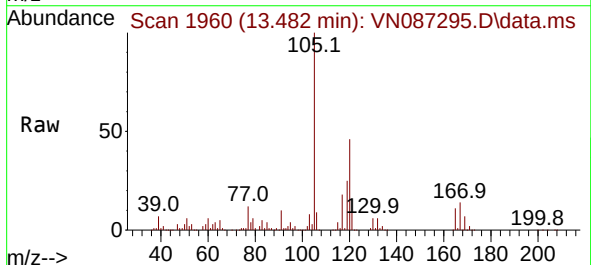
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

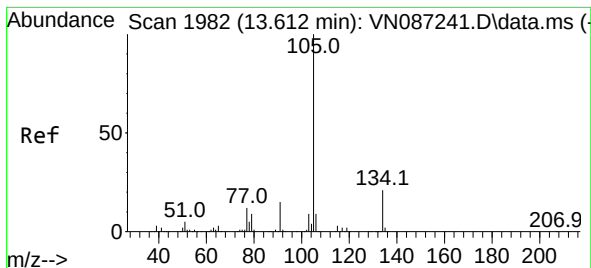
Tgt Ion:119 Resp: 540634
Ion Ratio Lower Upper
119 100
91 64.3 32.5 97.4
134 27.8 14.2 42.8



#84
1,2,4-Trimethylbenzene
Concen: 52.923 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:105 Resp: 653002
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.158 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

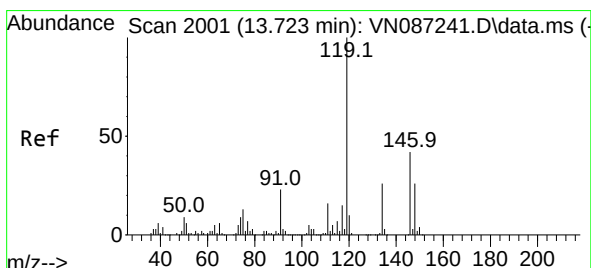
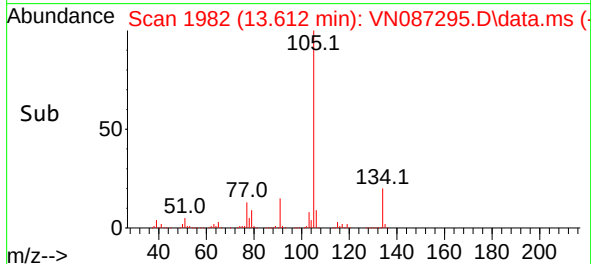
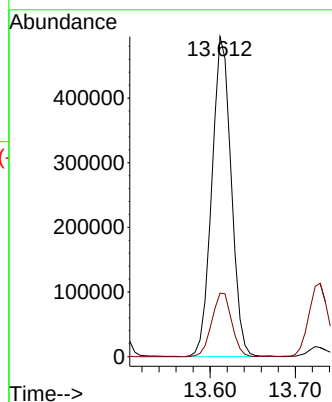
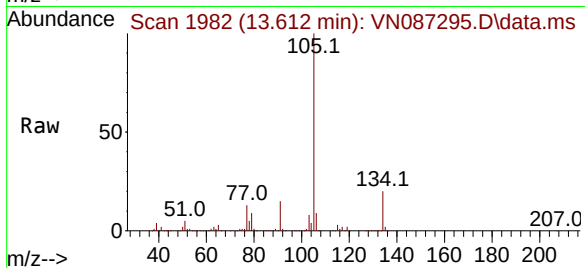
VSTDCCC050

Tgt Ion:105 Resp: 782550

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4



#86

p-Isopropyltoluene

Concen: 51.624 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

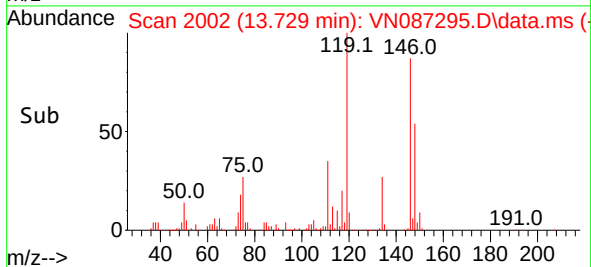
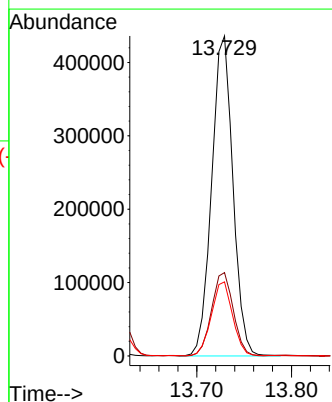
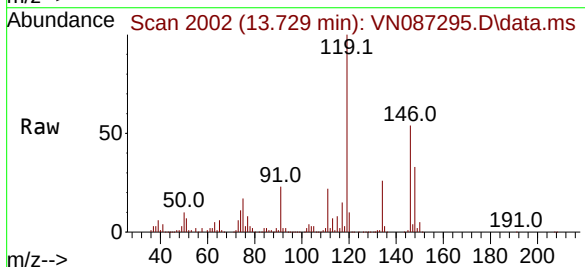
Tgt Ion:119 Resp: 678777

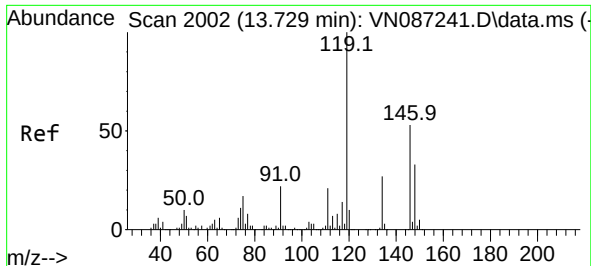
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.571 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

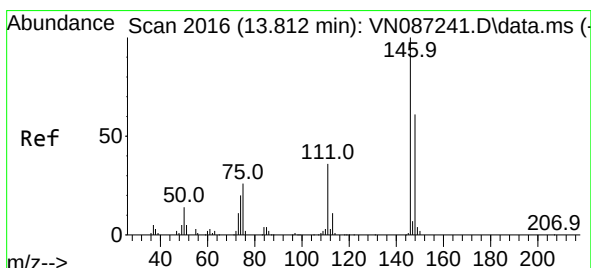
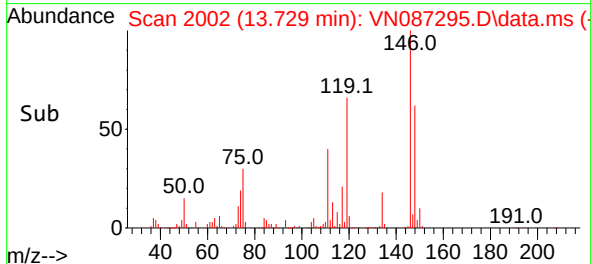
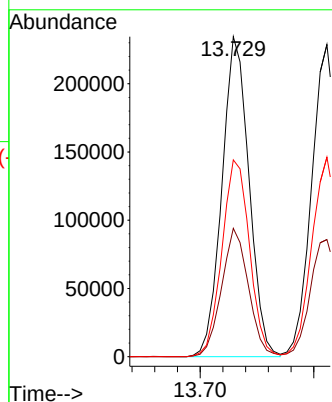
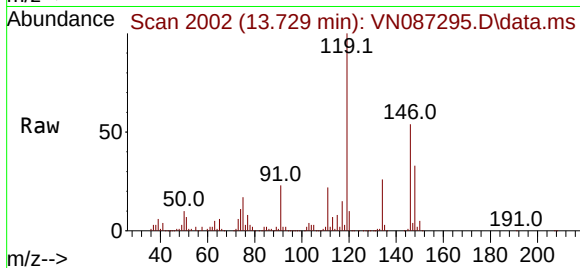
Tgt Ion:146 Resp: 387407

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

148 62.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.902 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

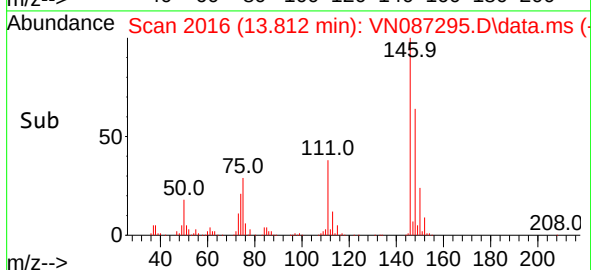
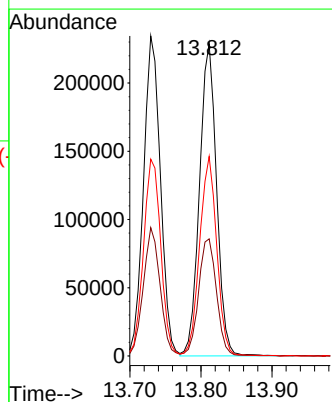
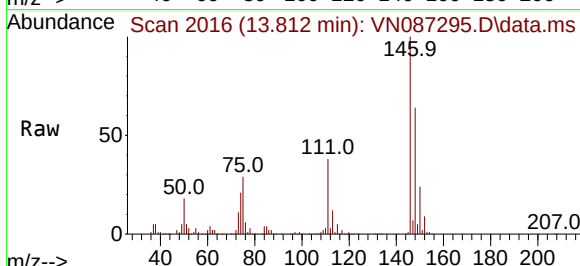
Tgt Ion:146 Resp: 383160

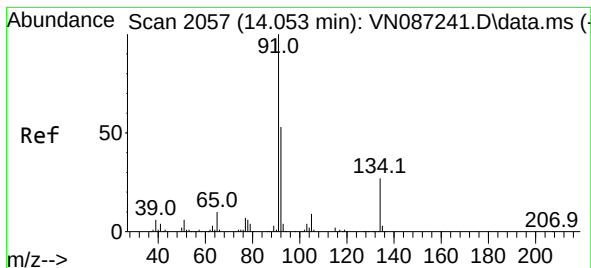
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

148 64.1 31.8 95.3





#89

n-Butylbenzene

Concen: 50.960 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087295.D

Acq: 08 Jul 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

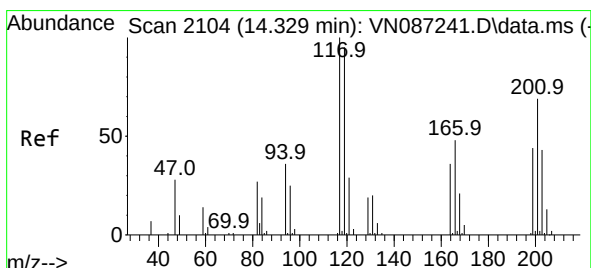
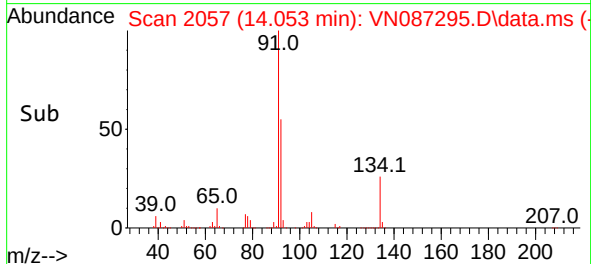
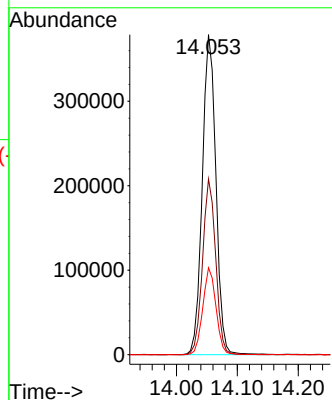
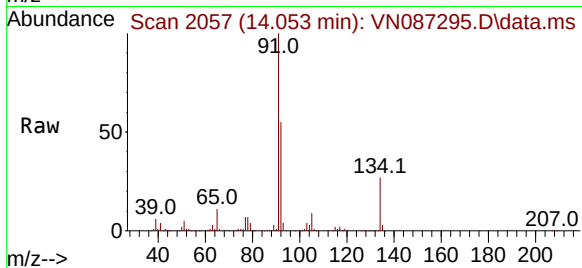
Tgt Ion: 91 Resp: 589945

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.0

134 26.4 13.7 41.1



#90

Hexachloroethane

Concen: 50.750 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN087295.D

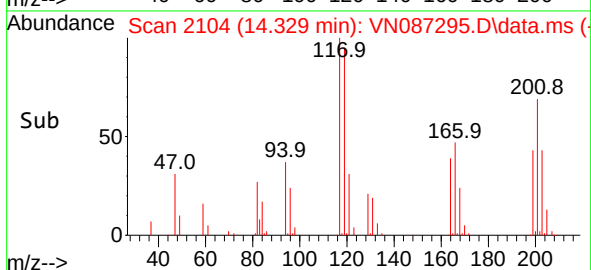
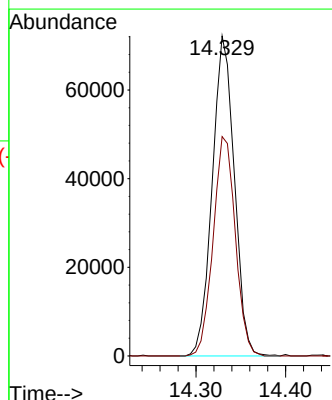
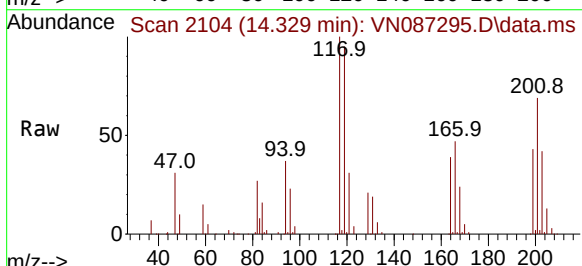
Acq: 08 Jul 2025 12:37

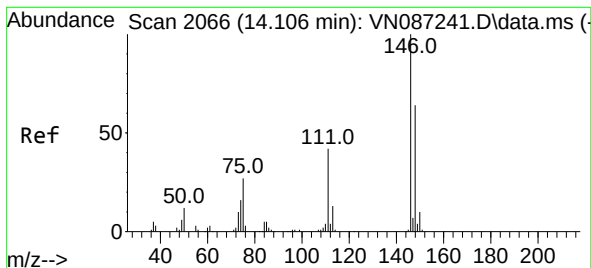
Tgt Ion: 117 Resp: 123515

Ion Ratio Lower Upper

117 100

201 68.9 35.8 107.4

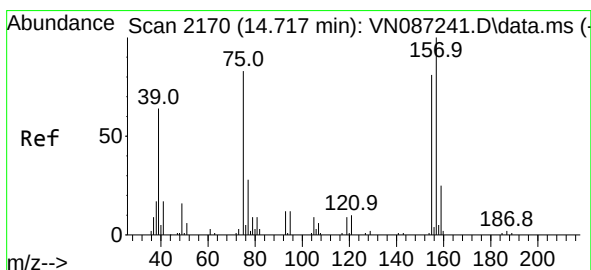
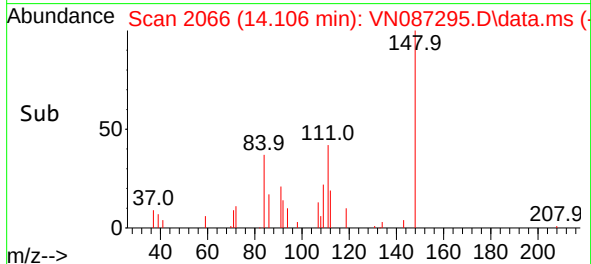
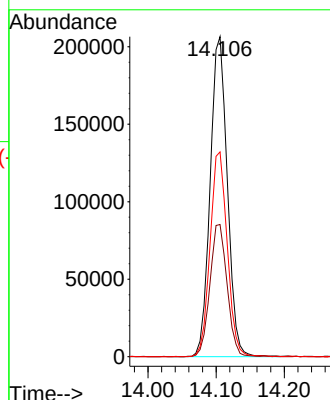
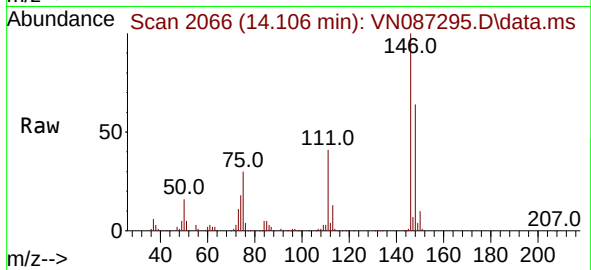




#91
1,2-Dichlorobenzene
Concen: 50.404 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

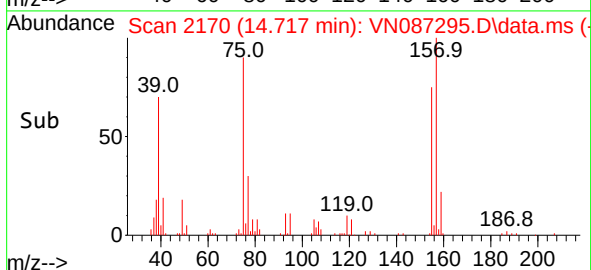
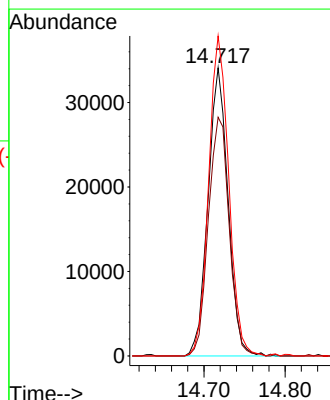
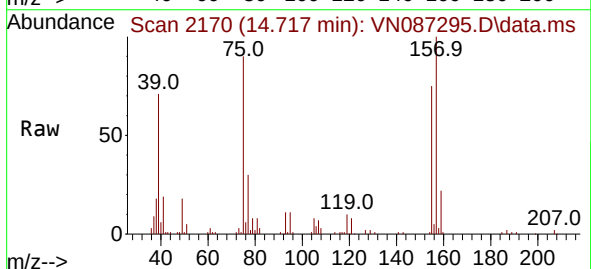
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

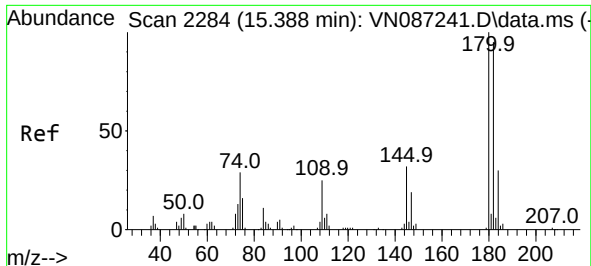
Tgt Ion:146 Resp: 361120
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.277 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion: 75 Resp: 58565
Ion Ratio Lower Upper
75 100
155 86.1 46.8 140.3
157 111.0 58.1 174.4

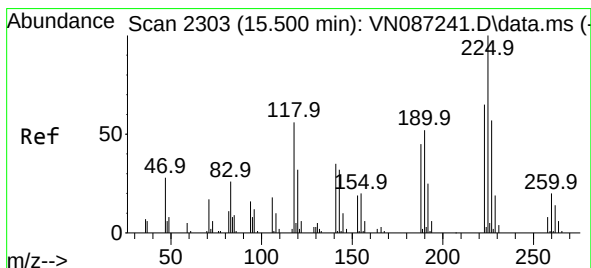
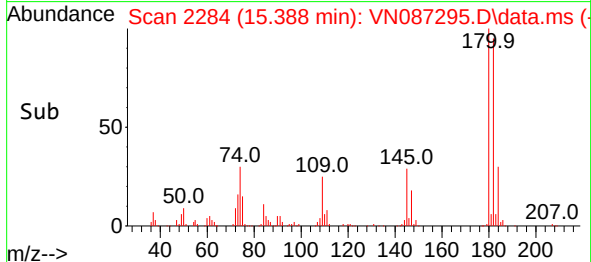
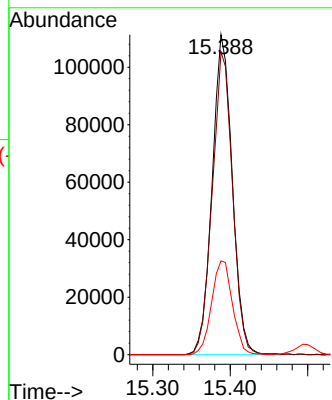
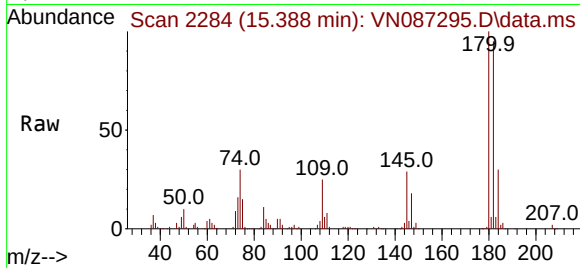




#93
 1,2,4-Trichlorobenzene
 Concen: 47.374 ug/l
 RT: 15.388 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

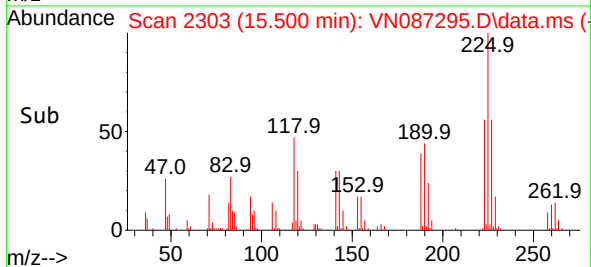
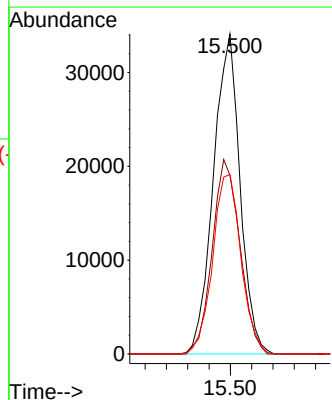
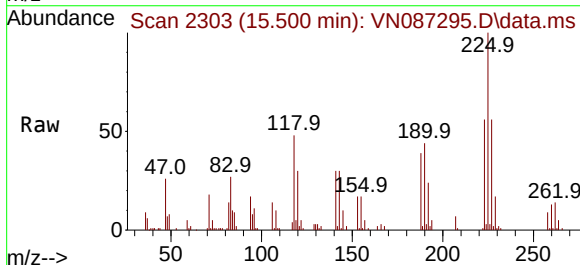
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

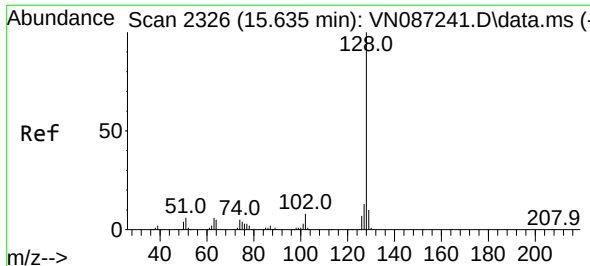
Tgt Ion:180 Resp: 200711
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.0 144.0
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 43.988 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN087295.D
 Acq: 08 Jul 2025 12:37

Tgt Ion:225 Resp: 59201
 Ion Ratio Lower Upper
 225 100
 223 63.1 33.5 100.4
 227 59.8 30.9 92.7

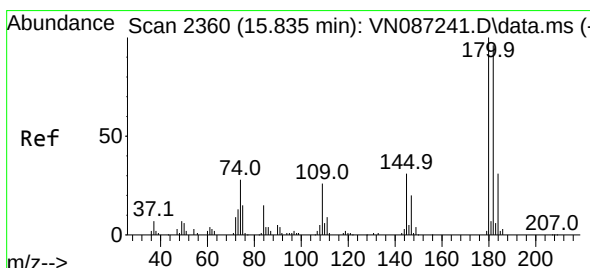
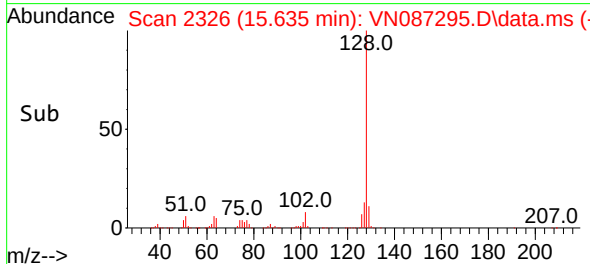
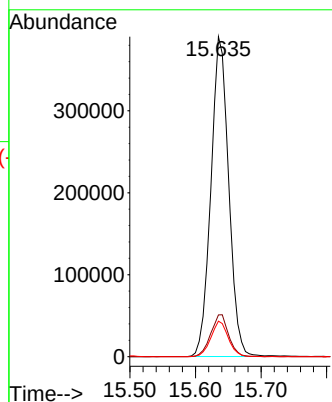
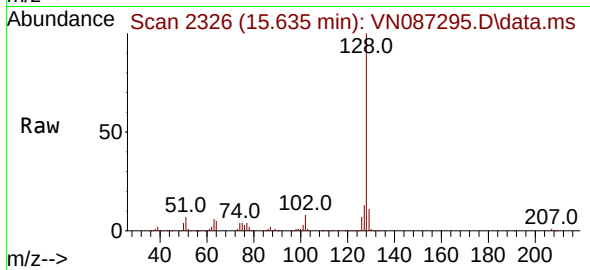




#95
Naphthalene
Concen: 50.187 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 735644
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.635 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087295.D
Acq: 08 Jul 2025 12:37

Tgt Ion:180 Resp: 196618
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 32.1 15.7 47.1

