

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087329.D
 Acq On : 16 Jul 2025 17:27
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 17 02:17:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	172217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	319926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	285583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	16177	5.536	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.080%#
35) Dibromofluoromethane	8.153	113	11111	5.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.060%#
50) Toluene-d8	10.547	98	37751	4.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.600%#
62) 4-Bromofluorobenzene	12.829	95	12943	4.450	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	8.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	7633	4.173	ug/l	90
3) Chloromethane	2.383	50	11350	4.934	ug/l	96
4) Vinyl Chloride	2.536	62	11459	5.013	ug/l	98
5) Bromomethane	2.971	94	5657	4.779	ug/l	87
6) Chloroethane	3.124	64	8358	5.606	ug/l #	81
7) Trichlorofluoromethane	3.506	101	16796	4.969	ug/l #	83
8) Diethyl Ether	3.959	74	6731	5.133	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	8532	4.917	ug/l #	19
10) Methyl Iodide	4.565	142	1961	6.606	ug/l #	80
11) Tert butyl alcohol	5.536	59	14147	25.497	ug/l	98
12) 1,1-Dichloroethene	4.330	96	11037	5.613	ug/l #	83
13) Acrolein	4.177	56	12045	27.050	ug/l	96
14) Allyl chloride	5.006	41	16836	4.731	ug/l	97
15) Acrylonitrile	5.718	53	36114	23.986	ug/l	92
16) Acetone	4.430	43	36648	26.455	ug/l	96
17) Carbon Disulfide	4.695	76	29024	4.979	ug/l	94
18) Methyl Acetate	5.006	43	18125	5.265	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	36155	4.989	ug/l	95
20) Methylene Chloride	5.259	84	13570	5.286	ug/l #	86
21) trans-1,2-Dichloroethene	5.765	96	11514	5.193	ug/l	81
22) Diisopropyl ether	6.671	45	37879	5.075	ug/l #	97
23) Vinyl Acetate	6.594	43	145089	22.225	ug/l #	94
24) 1,1-Dichloroethane	6.547	63	22819	5.299	ug/l	95
25) 2-Butanone	7.477	43	52336	24.722	ug/l	95
26) 2,2-Dichloropropane	7.483	77	16583	4.953	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	12690	4.972	ug/l	99
28) Bromochloromethane	7.789	49	11022	5.348	ug/l #	16
29) Tetrahydrofuran	7.830	42	34146	24.829	ug/l	99
30) Chloroform	7.959	83	22369	5.190	ug/l	84
31) Cyclohexane	8.236	56	19764	5.502	ug/l	87
32) 1,1,1-Trichloroethane	8.153	97	19739	5.287	ug/l #	51
36) 1,1-Dichloropropene	8.347	75	13965	4.790	ug/l	98
37) Ethyl Acetate	7.553	43	21482	5.102	ug/l	97
38) Carbon Tetrachloride	8.341	117	16718	5.205	ug/l #	89
39) Methylcyclohexane	9.582	83	14154	4.484	ug/l	86
40) Benzene	8.583	78	45748	4.855	ug/l	94

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Instrument :
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 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	10551	4.792	ug/l	97
42) 1,2-Dichloroethane	8.653	62	18086	5.061	ug/l	96
43) Isopropyl Acetate	8.677	43	31964	4.890	ug/l	100
44) Trichloroethene	9.335	130	10573	4.748	ug/l	79
45) 1,2-Dichloropropane	9.606	63	11728	4.898	ug/l	95
46) Dibromomethane	9.694	93	9473	5.284	ug/l	96
47) Bromodichloromethane	9.865	83	18300	5.068	ug/l #	82
48) Methyl methacrylate	9.665	41	13169	4.475	ug/l	95
49) 1,4-Dioxane	9.682	88	4176	92.653	ug/l #	87
51) 4-Methyl-2-Pentanone	10.430	43	102519	24.797	ug/l	97
52) Toluene	10.612	92	27158	4.742	ug/l	96
53) t-1,3-Dichloropropene	10.824	75	17133	4.688	ug/l #	87
54) cis-1,3-Dichloropropene	10.294	75	18046	4.780	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	11643	5.021	ug/l #	88
56) Ethyl methacrylate	10.859	69	15548	4.693	ug/l	95
57) 1,3-Dichloropropane	11.141	76	19868	4.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.147	63	43690	22.968	ug/l	94
59) 2-Hexanone	11.182	43	59736	21.778	ug/l	99
60) Dibromochloromethane	11.335	129	13321	5.037	ug/l	100
61) 1,2-Dibromoethane	11.453	107	11942	4.898	ug/l	89
64) Tetrachloroethene	11.082	164	9660	5.256	ug/l	95
65) Chlorobenzene	11.871	112	32304	5.038	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	11581	5.312	ug/l	96
67) Ethyl Benzene	11.947	91	49622	4.701	ug/l	92
68) m/p-Xylenes	12.059	106	36883	9.332	ug/l	98
69) o-Xylene	12.376	106	17293	4.580	ug/l	97
70) Styrene	12.394	104	29462	4.639	ug/l	99
71) Bromoform	12.559	173	8628	4.899	ug/l #	96
73) Isopropylbenzene	12.676	105	42320	4.590	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.918	83	17305	4.988	ug/l	95
76) 1,2,3-Trichloropropane	12.976	75	23127	7.116	ug/l	62
77) Bromobenzene	12.965	156	11589	4.847	ug/l	84
78) n-propylbenzene	13.018	91	54443	4.693	ug/l	99
79) 2-Chlorotoluene	13.106	91	34400	4.825	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	36874	4.694	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	4795	3.994	ug/l #	80
82) 4-Chlorotoluene	13.200	91	36031	4.854	ug/l	98
83) tert-Butylbenzene	13.418	119	30293	4.617	ug/l	96
84) 1,2,4-Trimethylbenzene	13.465	105	35326	4.403	ug/l	99
85) sec-Butylbenzene	13.594	105	45947	4.649	ug/l	98
86) p-Isopropyltoluene	13.706	119	35413	4.471	ug/l	97
87) 1,3-Dichlorobenzene	13.718	146	23326	4.970	ug/l	95
88) 1,4-Dichlorobenzene	13.794	146	25031	4.994	ug/l	90
89) n-Butylbenzene	14.035	91	35522	4.697	ug/l	95
90) Hexachloroethane	14.312	117	8261	4.923	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	22474	5.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	4757	5.223	ug/l	87
93) 1,2,4-Trichlorobenzene	15.364	180	12595	4.823	ug/l	97
94) Hexachlorobutadiene	15.476	225	4936	5.087	ug/l	98
95) Naphthalene	15.617	128	38936	4.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	12368	4.721	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

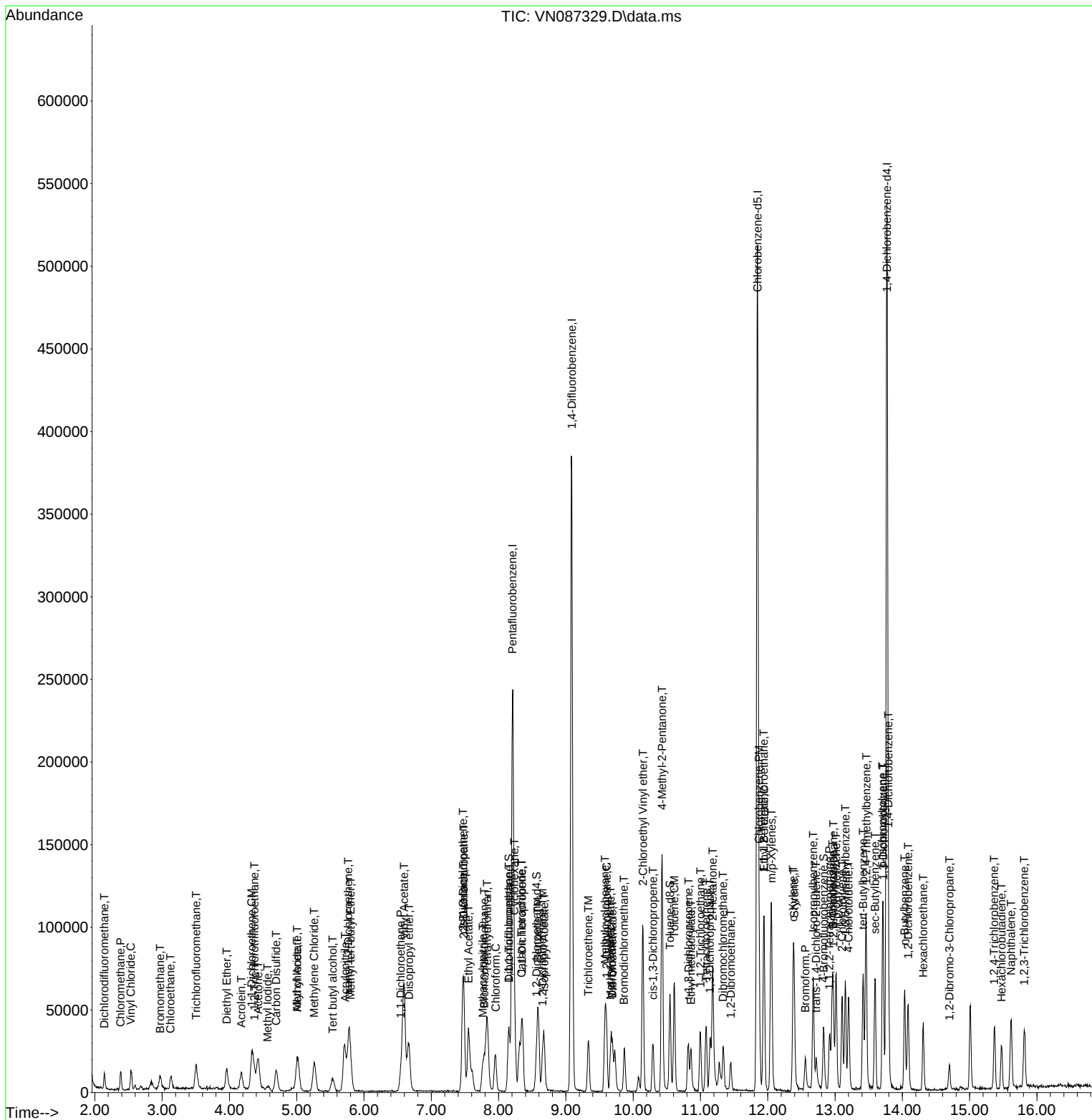
Instrument :
MSVOA_N
ClientSampleId :
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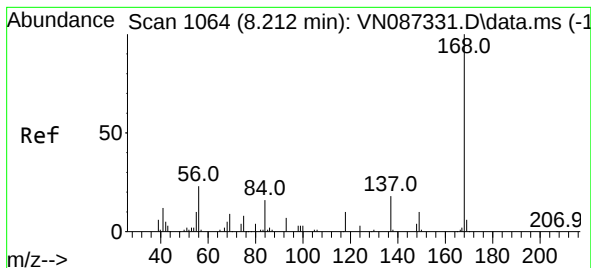
Quant Time: Jul 17 02:17:44 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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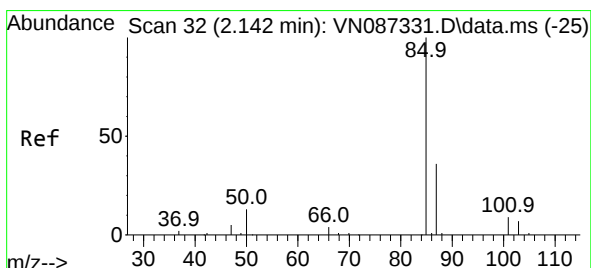
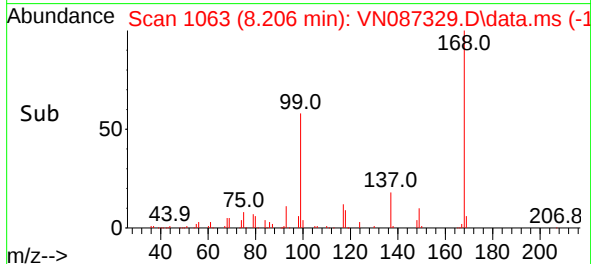
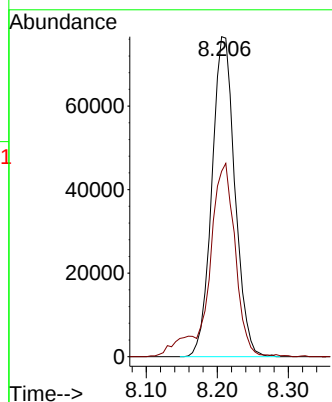
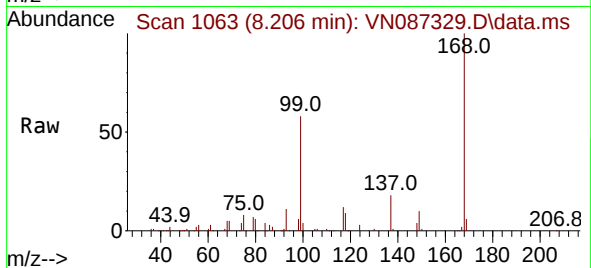




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

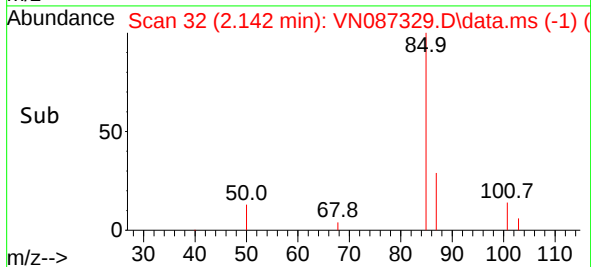
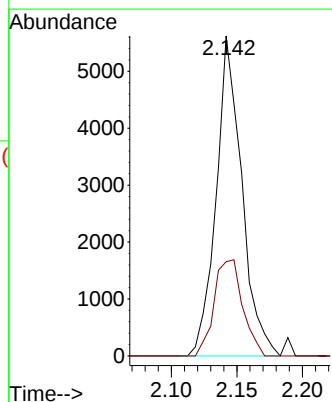
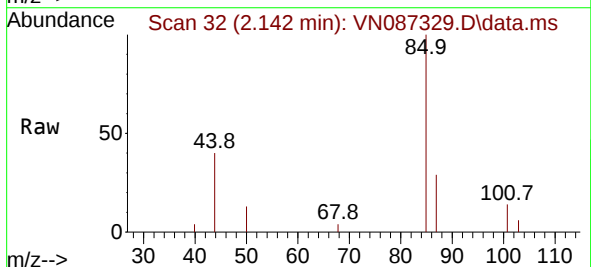
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

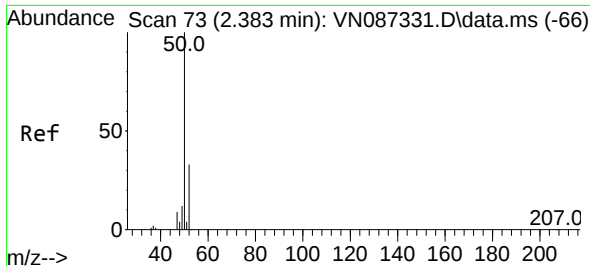
Tgt Ion:168 Resp: 172217
Ion Ratio Lower Upper
168 100
99 57.7 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 4.173 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 85 Resp: 7633
Ion Ratio Lower Upper
85 100
87 29.4 17.8 53.3

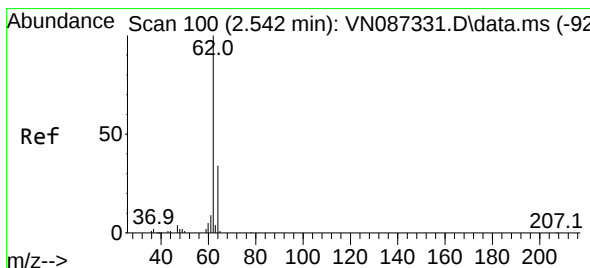
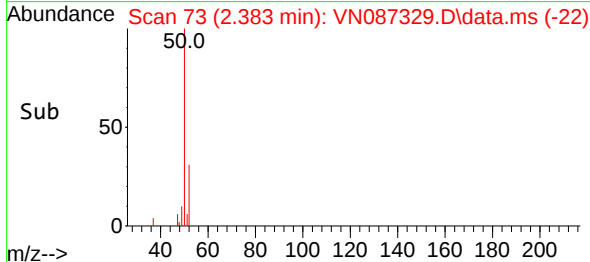
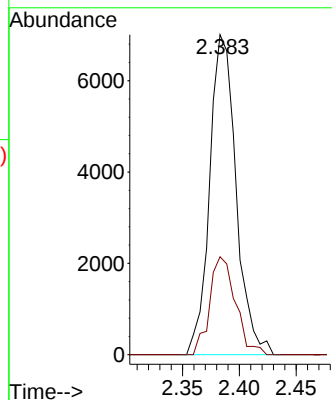
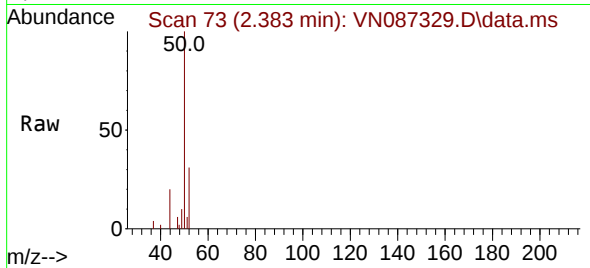




#3
Chloromethane
Concen: 4.934 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

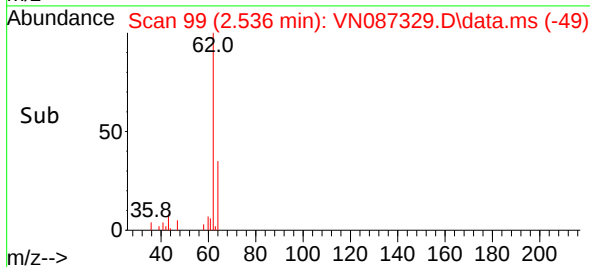
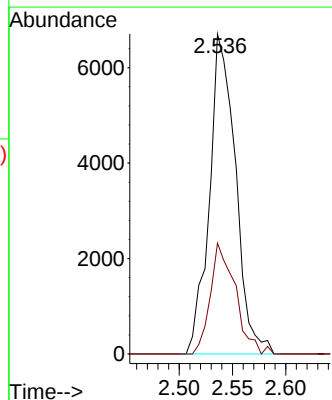
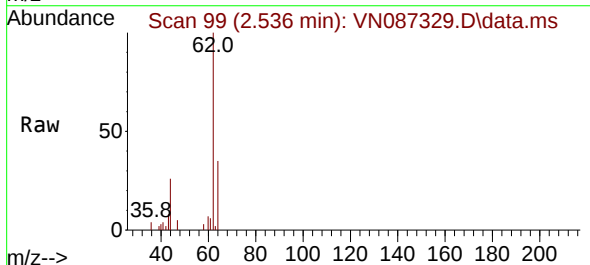
Instrument :
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ClientSampleId :
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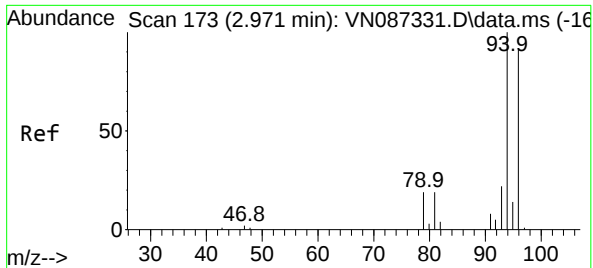
Tgt Ion: 50 Resp: 11350
Ion Ratio Lower Upper
50 100
52 30.6 26.3 39.5



#4
Vinyl Chloride
Concen: 5.013 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 62 Resp: 11459
Ion Ratio Lower Upper
62 100
64 34.7 27.0 40.6

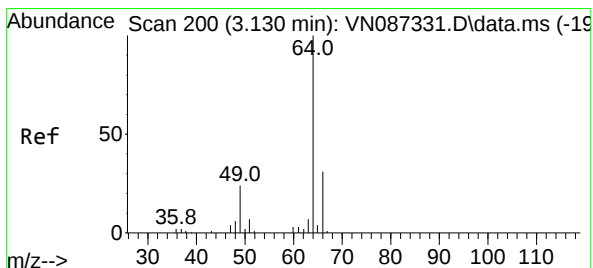
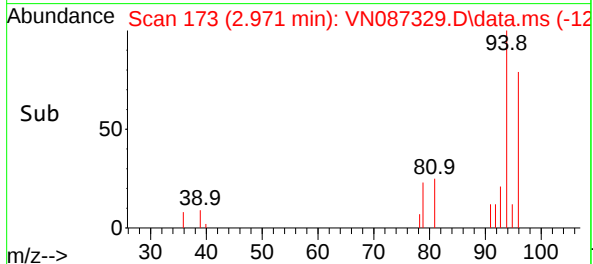
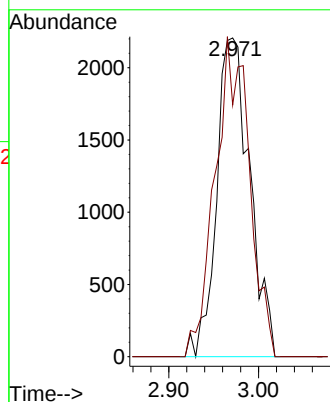
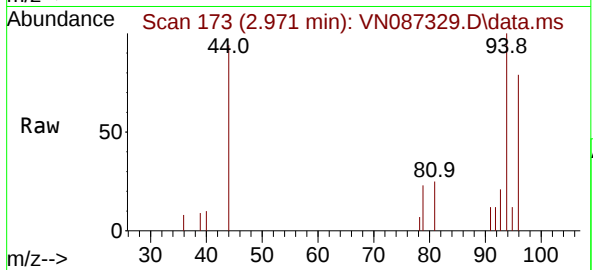




#5
Bromomethane
Concen: 4.779 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

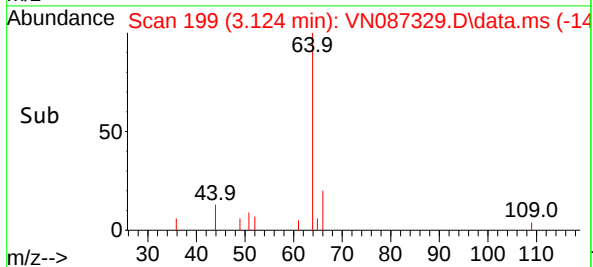
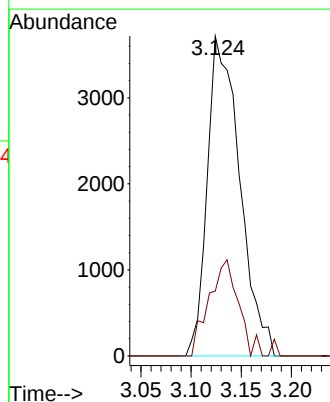
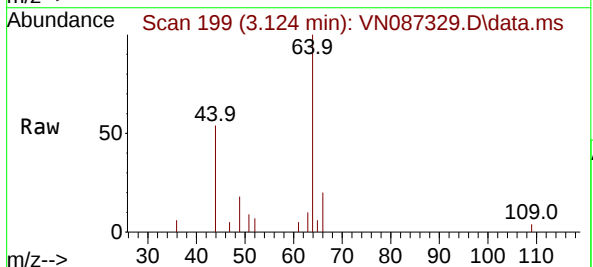
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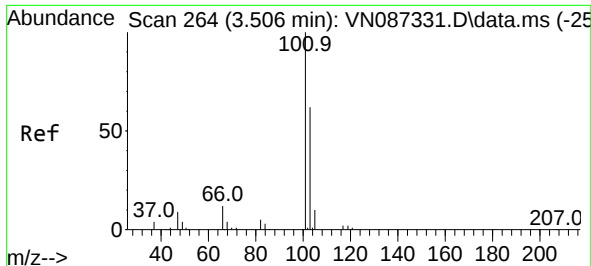
Tgt Ion: 94 Resp: 5657
Ion Ratio Lower Upper
94 100
96 79.0 73.4 110.2



#6
Chloroethane
Concen: 5.606 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 64 Resp: 8358
Ion Ratio Lower Upper
64 100
66 20.2 24.6 36.8#

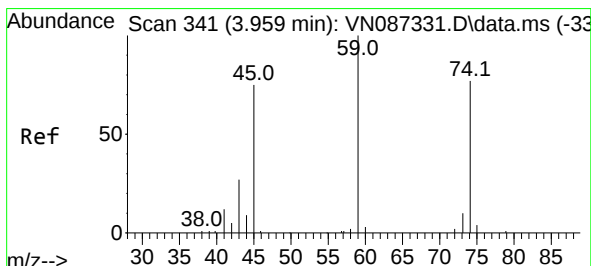
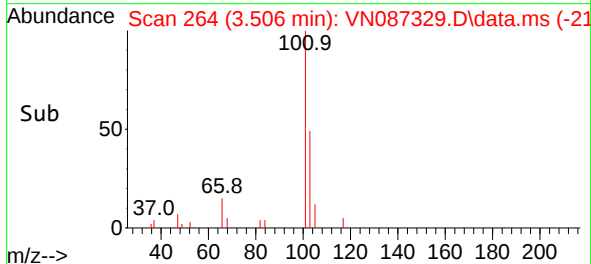
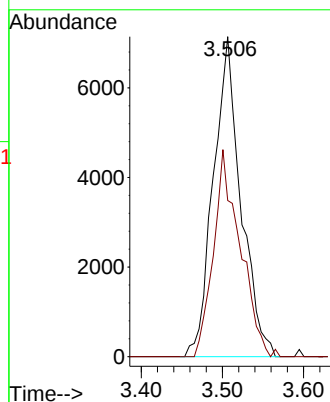
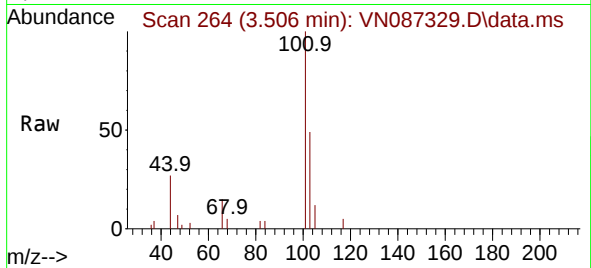




#7
 Trichlorofluoromethane
 Concen: 4.969 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

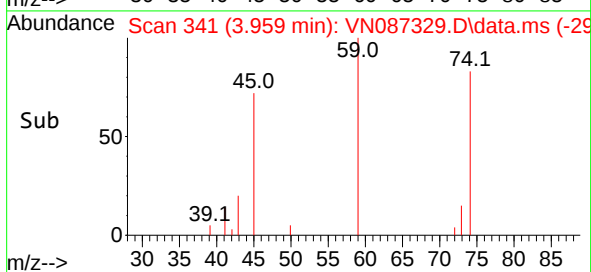
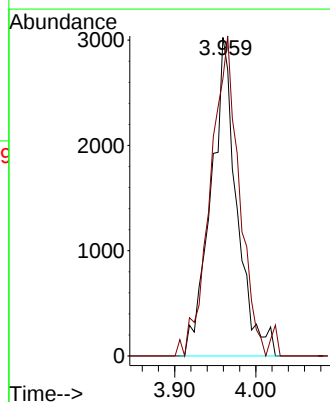
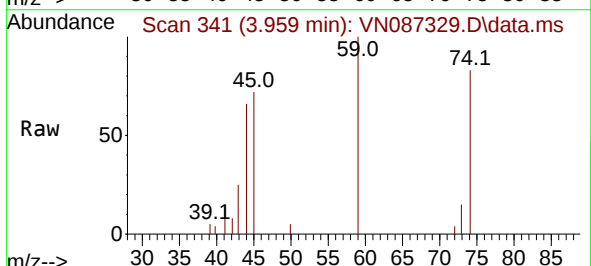
Instrument :
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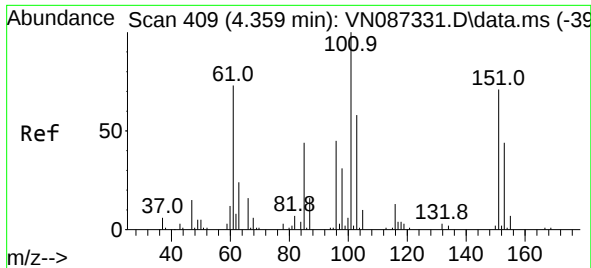
Tgt Ion:101 Resp: 16796
 Ion Ratio Lower Upper
 101 100
 103 48.8 49.8 74.6#



#8
 Diethyl Ether
 Concen: 5.133 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Tgt Ion: 74 Resp: 6731
 Ion Ratio Lower Upper
 74 100
 45 111.0 50.8 152.5

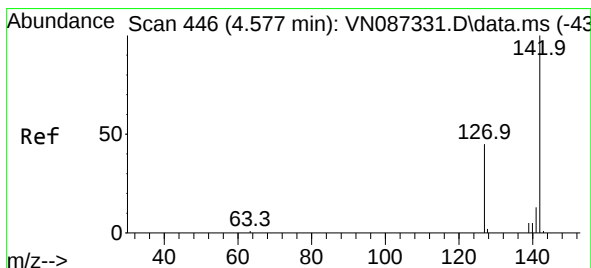
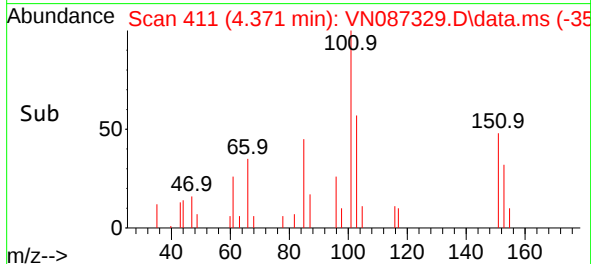
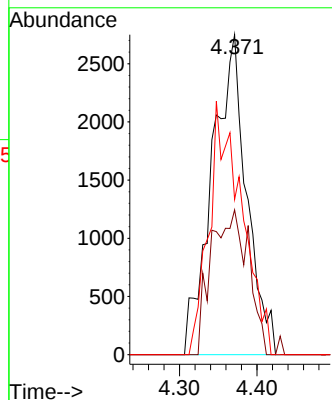
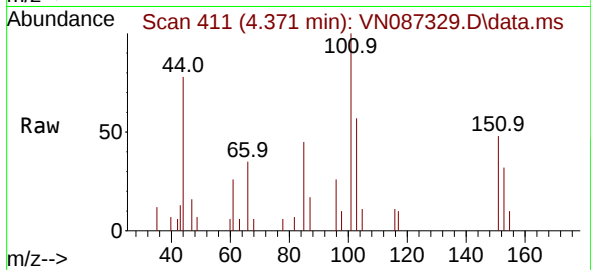




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.917 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

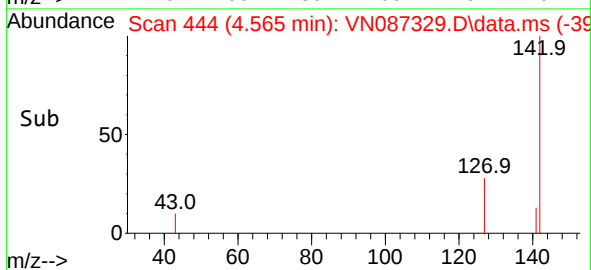
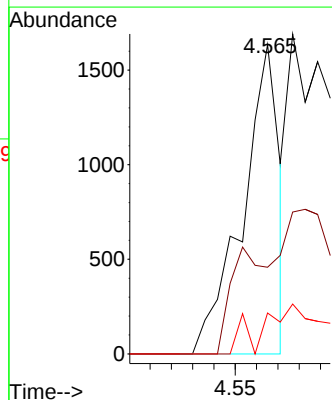
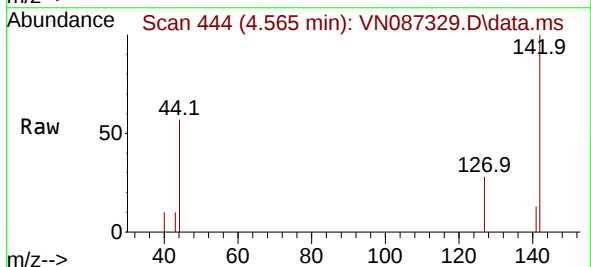
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

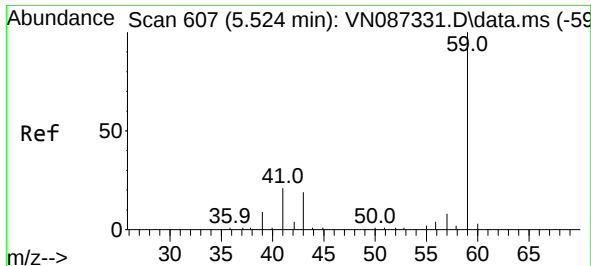
Tgt Ion:101 Resp: 8532
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 58.9 88.3#



#10
Methyl Iodide
Concen: 6.606 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:142 Resp: 1961
Ion Ratio Lower Upper
142 100
127 28.0 35.7 53.5#
141 13.2 10.4 15.6

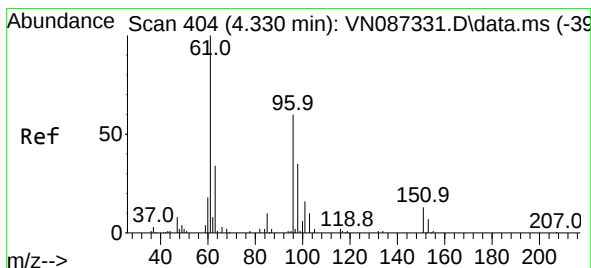
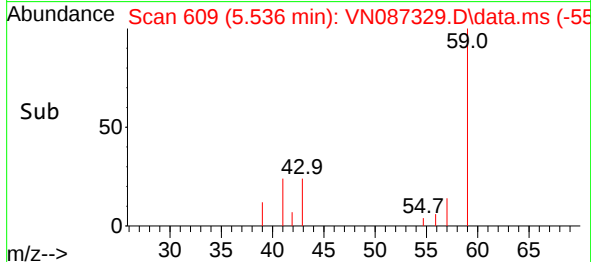
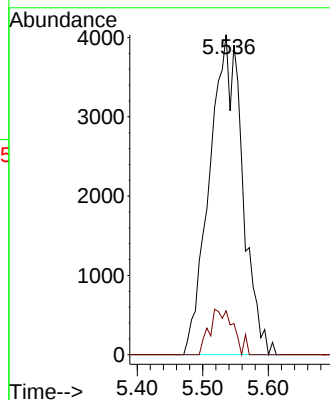
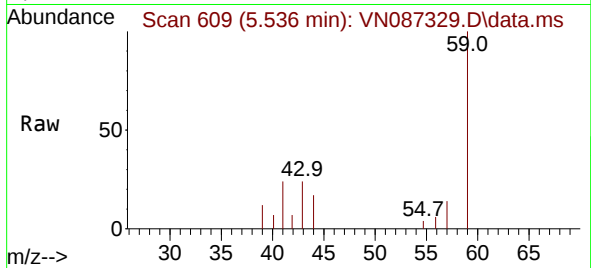




#11
Tert butyl alcohol
Concen: 25.497 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

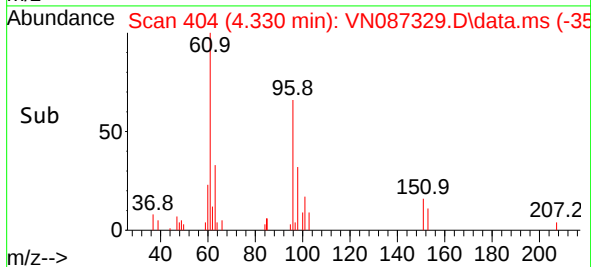
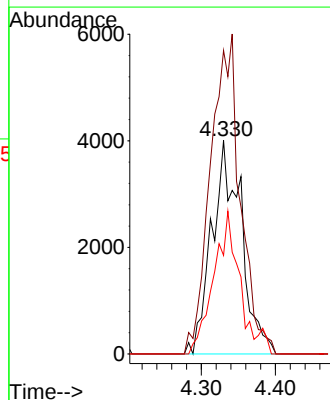
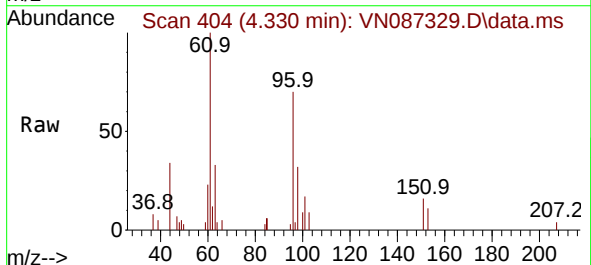
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

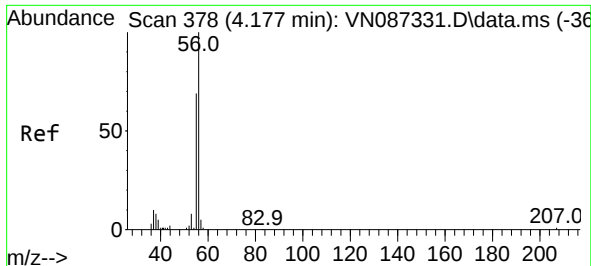
Tgt Ion: 59 Resp: 14147
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 5.613 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 96 Resp: 11037
Ion Ratio Lower Upper
96 100
61 142.2 132.3 198.5
98 46.1 46.8 70.2#

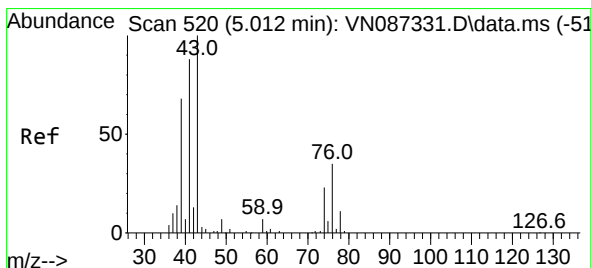
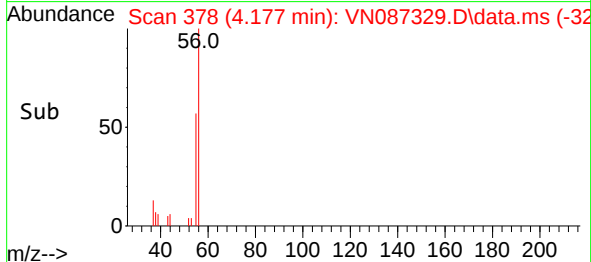
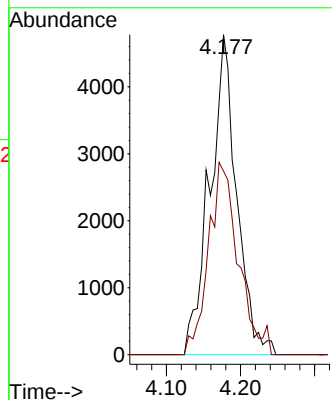
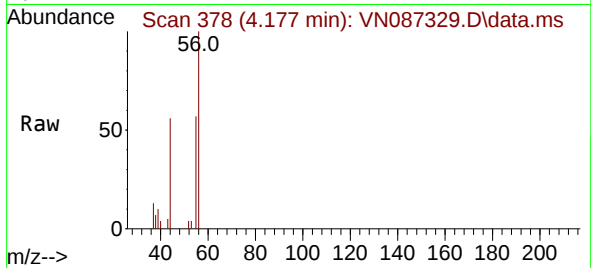




#13
Acrolein
Concen: 27.050 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

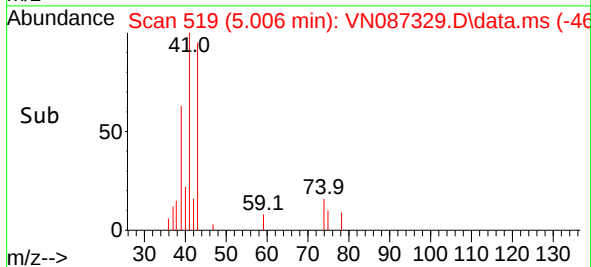
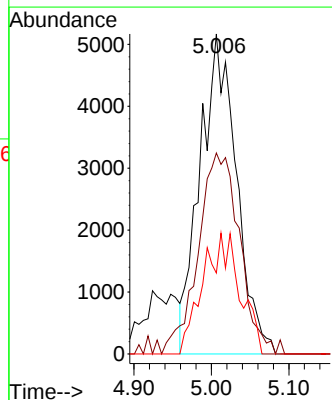
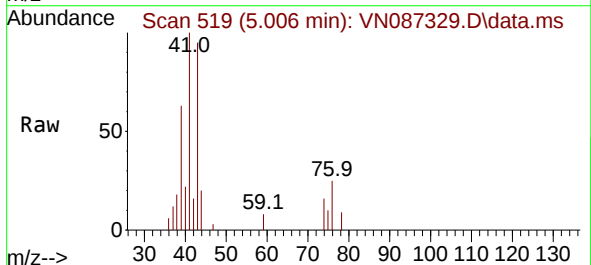
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

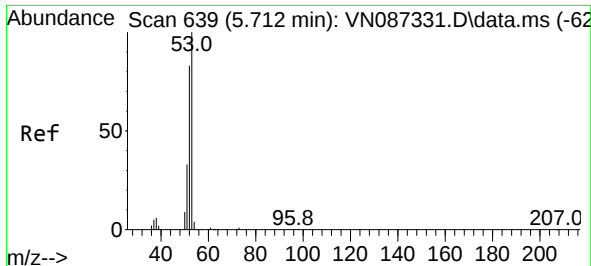
Tgt Ion: 56 Resp: 12045
Ion Ratio Lower Upper
56 100
55 66.7 56.2 84.4



#14
Allyl chloride
Concen: 4.731 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 41 Resp: 16836
Ion Ratio Lower Upper
41 100
39 71.9 59.0 88.6
76 38.3 28.7 43.1

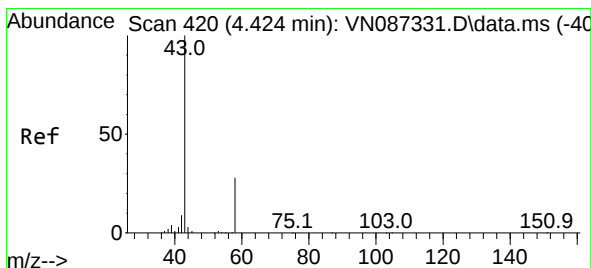
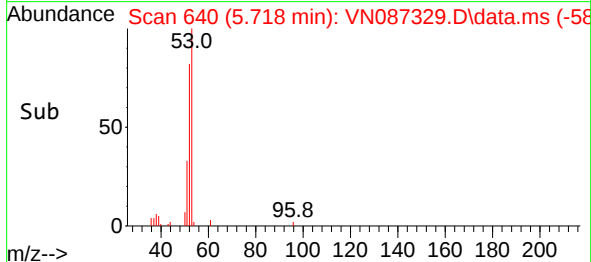
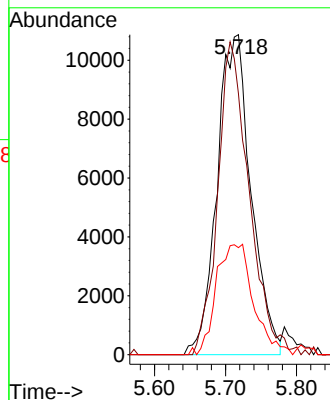
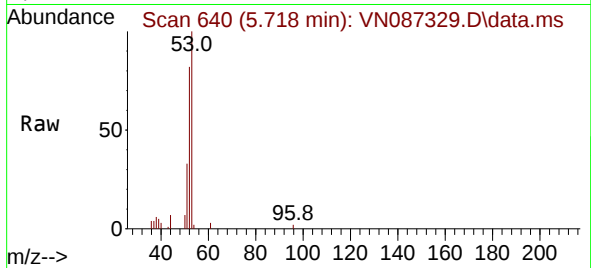




#15
Acrylonitrile
Concen: 23.986 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

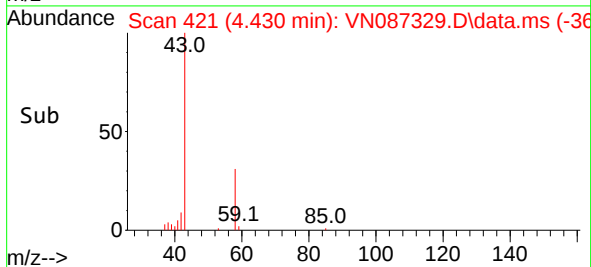
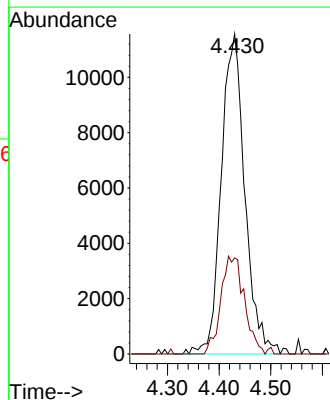
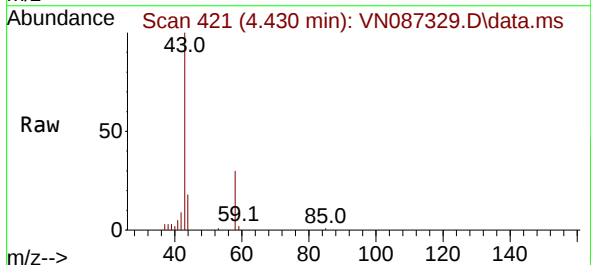
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

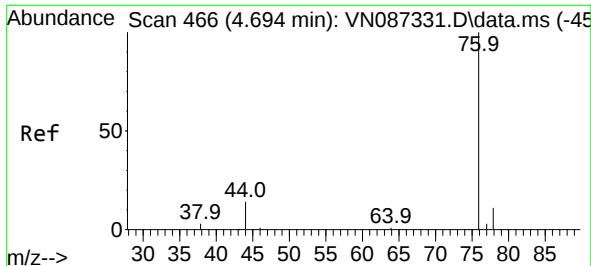
Tgt Ion:	53	Resp:	36114
Ion	Ratio	Lower	Upper
53	100		
52	90.3	65.5	98.3
51	37.7	28.7	43.1



#16
Acetone
Concen: 26.455 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:	43	Resp:	36648
Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.3	33.5

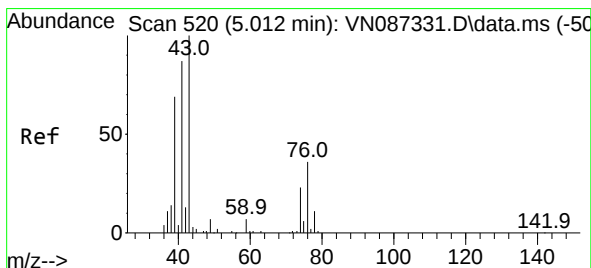
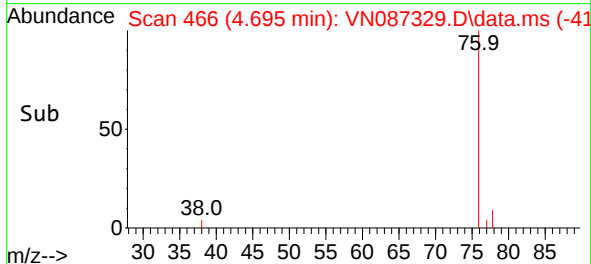
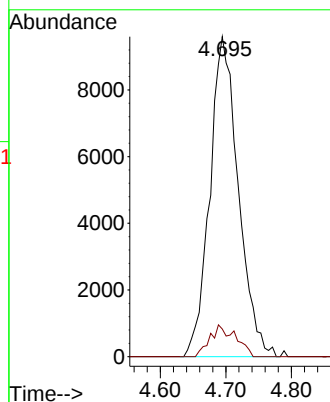
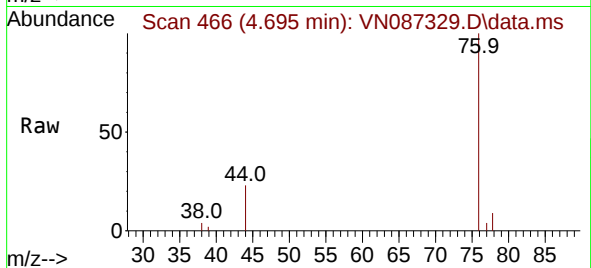




#17
Carbon Disulfide
Concen: 4.979 ug/l
RT: 4.695 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

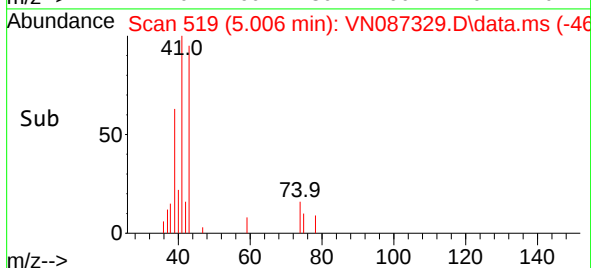
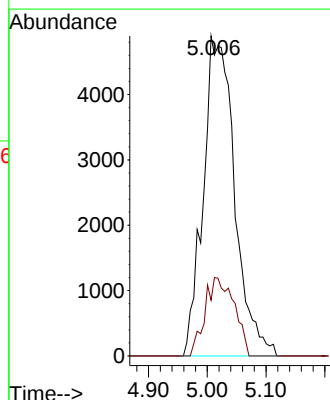
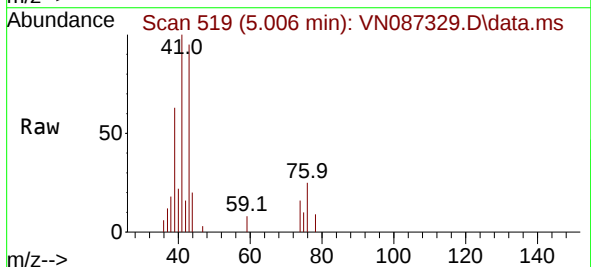
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

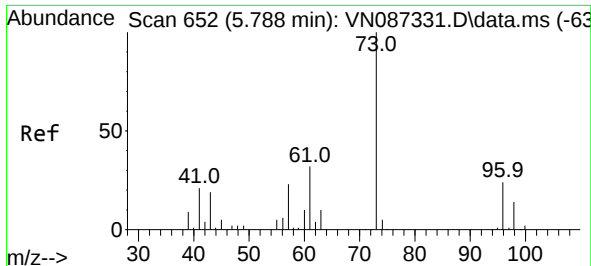
Tgt Ion: 76 Resp: 29024
Ion Ratio Lower Upper
76 100
78 8.6 8.6 13.0



#18
Methyl Acetate
Concen: 5.265 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 18125
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.6

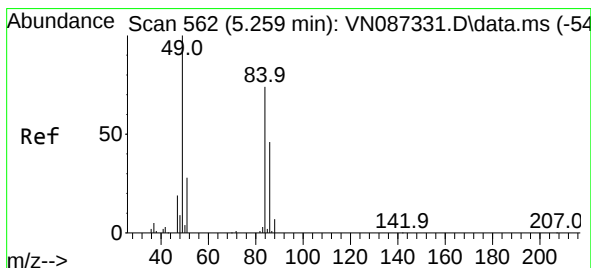
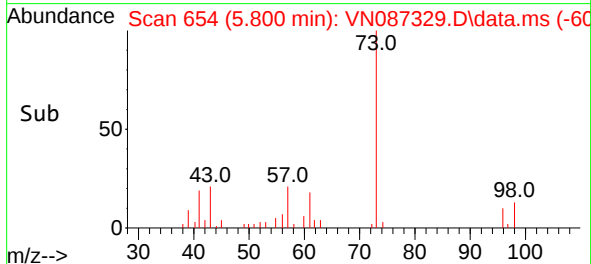
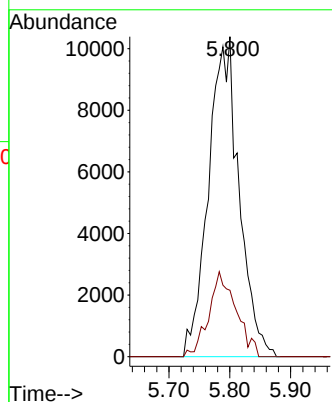
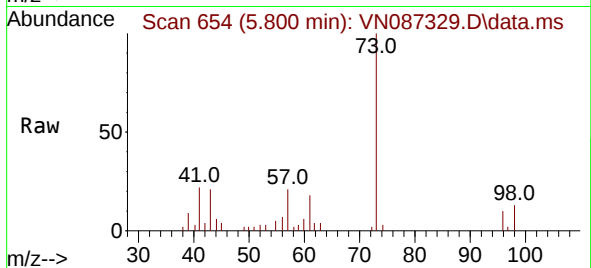




#19
Methyl tert-butyl Ether
Concen: 4.989 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

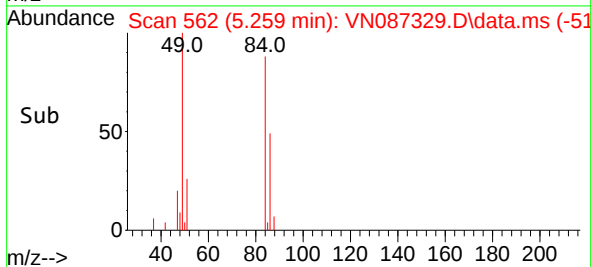
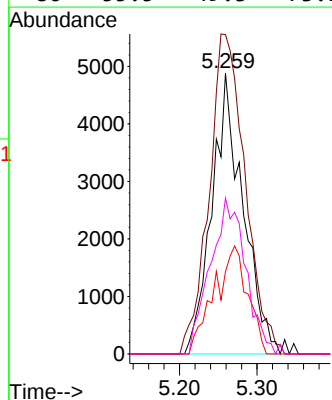
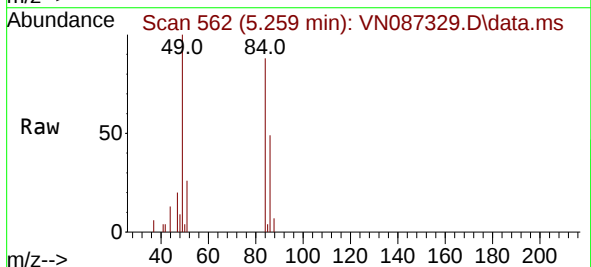
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

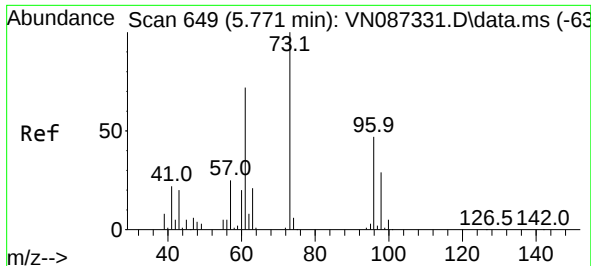
Tgt Ion: 73 Resp: 36155
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8



#20
Methylene Chloride
Concen: 5.286 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 84 Resp: 13570
Ion Ratio Lower Upper
84 100
49 113.7 107.5 161.3
51 29.3 30.2 45.2#
86 55.5 49.3 73.9

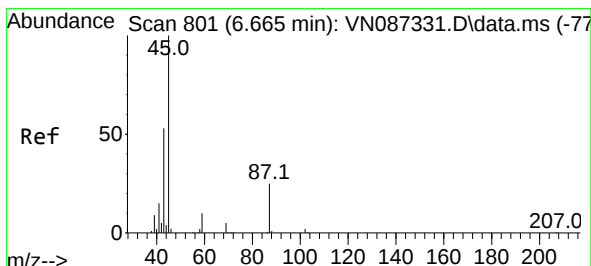
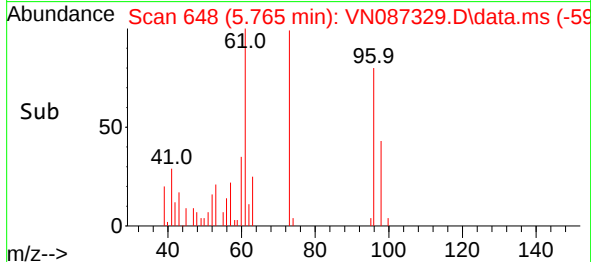
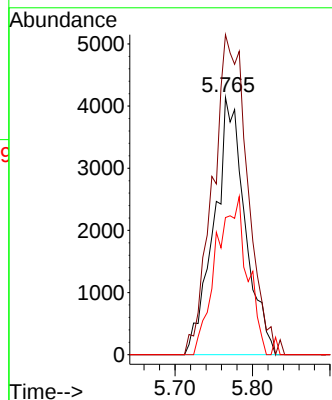
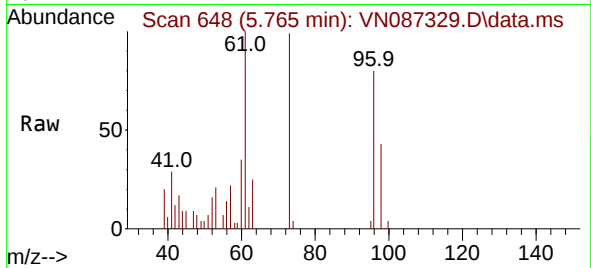




#21
trans-1,2-Dichloroethene
Concen: 5.193 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

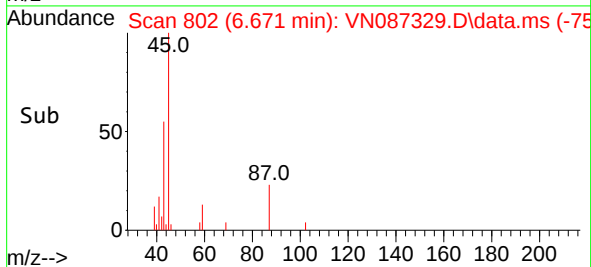
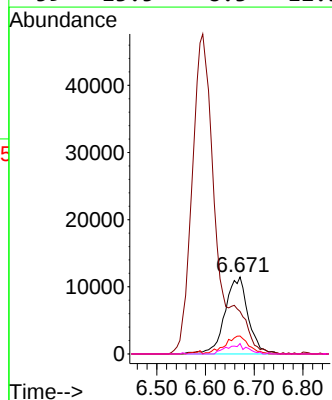
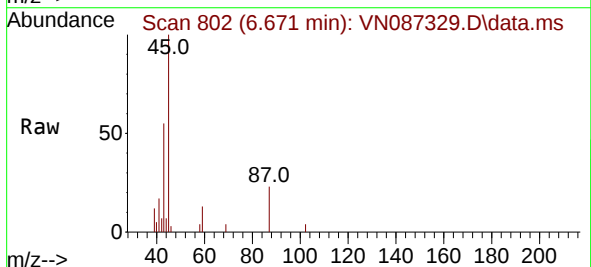
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

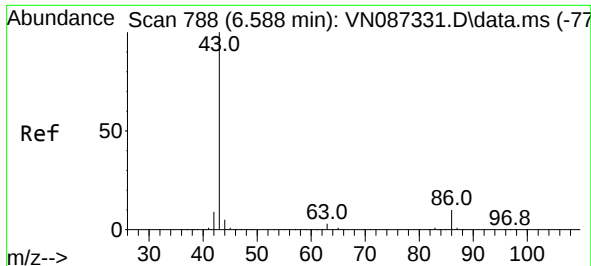
Tgt Ion:	96	Resp:	11514
Ion	Ratio	Lower	Upper
96	100		
61	124.3	122.0	183.0
98	53.3	50.0	75.0



#22
Diisopropyl ether
Concen: 5.075 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:	45	Resp:	37879
Ion	Ratio	Lower	Upper
45	100		
43	55.4	42.8	64.2
87	23.4	19.8	29.6
59	13.5	8.3	12.5

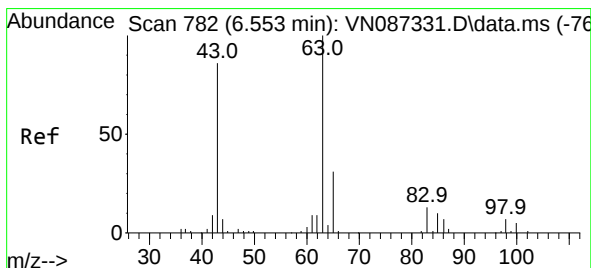
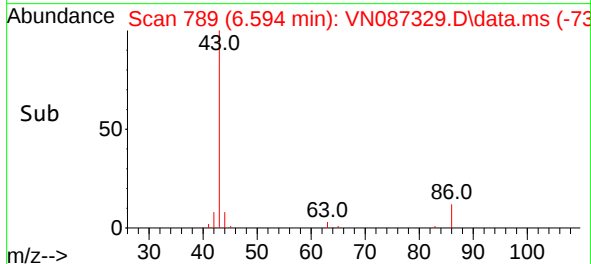
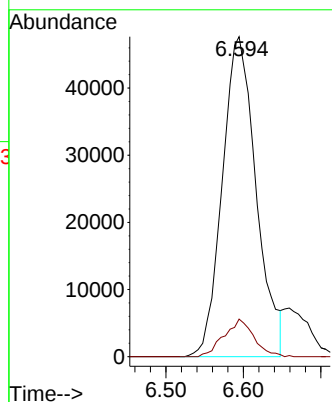
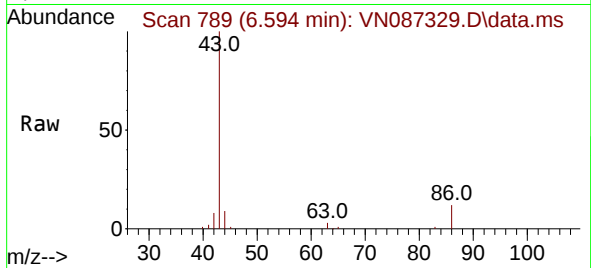




#23
 Vinyl Acetate
 Concen: 22.225 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

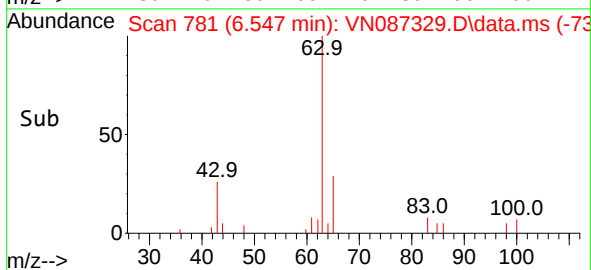
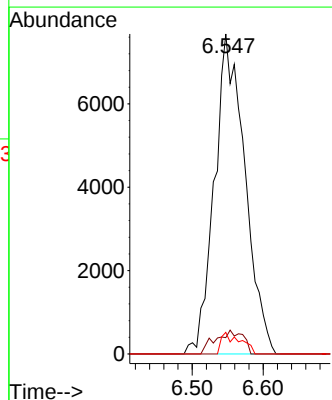
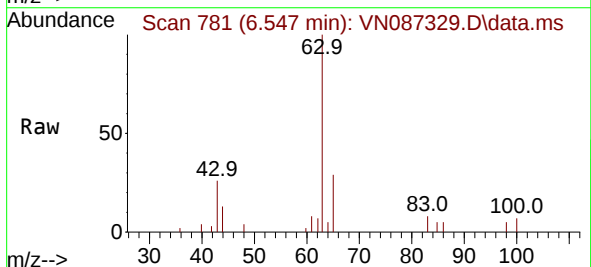
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

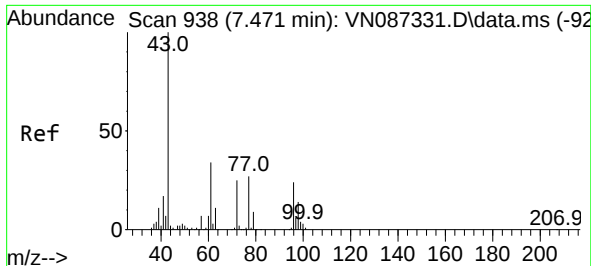
Tgt Ion: 43 Resp: 145089
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.7 11.5#



#24
 1,1-Dichloroethane
 Concen: 5.299 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Tgt Ion: 63 Resp: 22819
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.3 9.9
 100 6.7 2.5 7.4

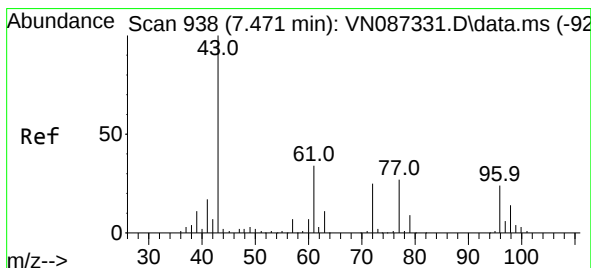
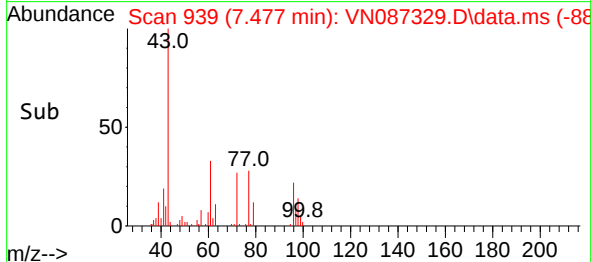
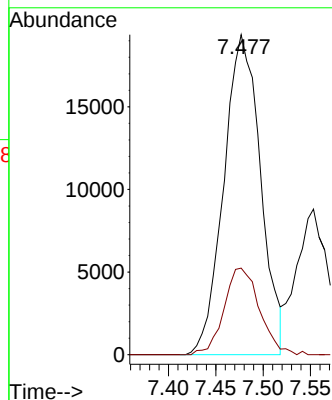
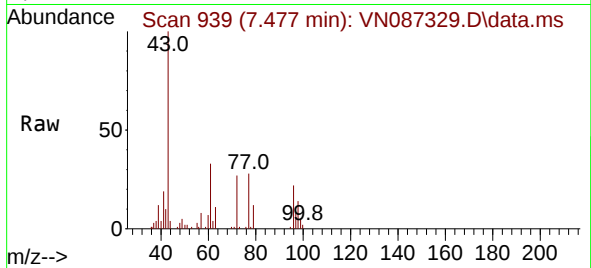




#25
2-Butanone
Concen: 24.722 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

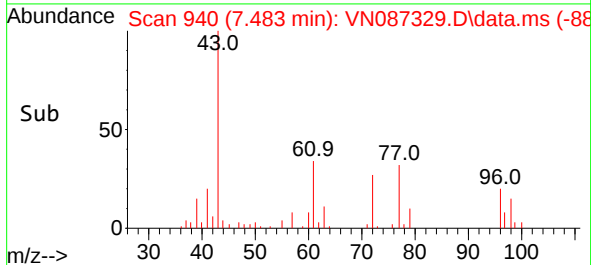
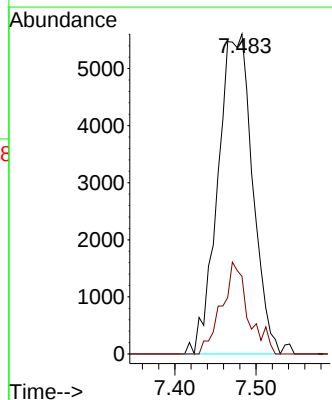
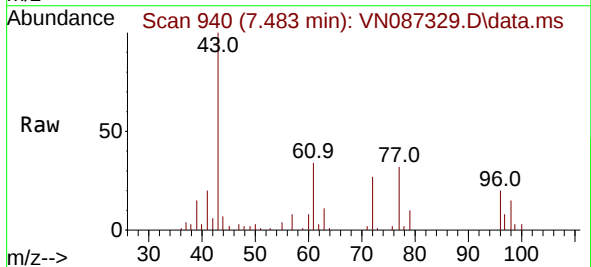
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

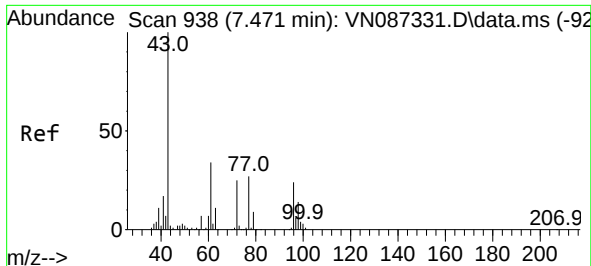
Tgt Ion: 43 Resp: 52336
Ion Ratio Lower Upper
43 100
72 27.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 77 Resp: 16583
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1

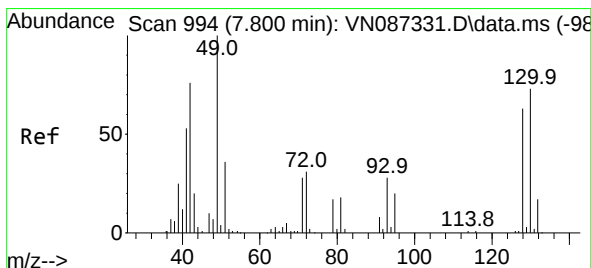
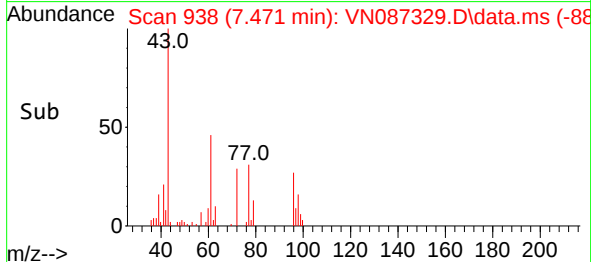
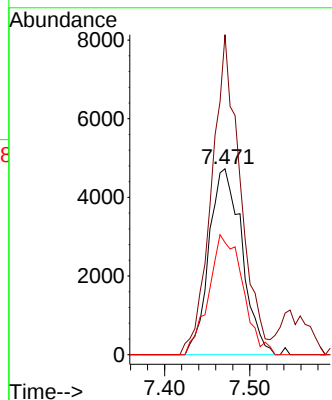
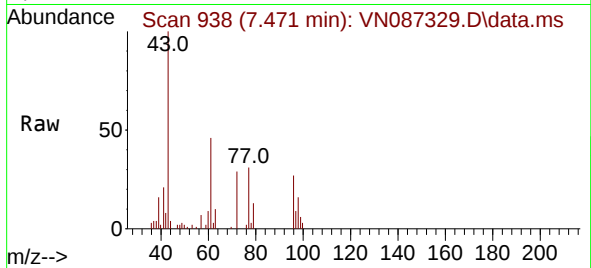




#27
 cis-1,2-Dichloroethene
 Concen: 4.972 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

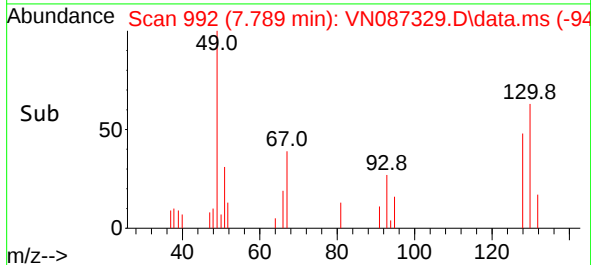
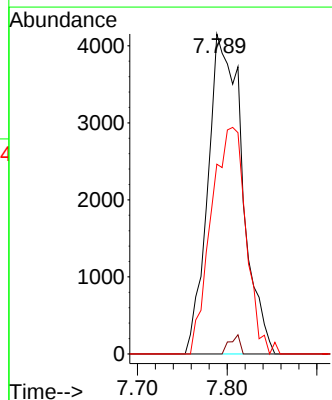
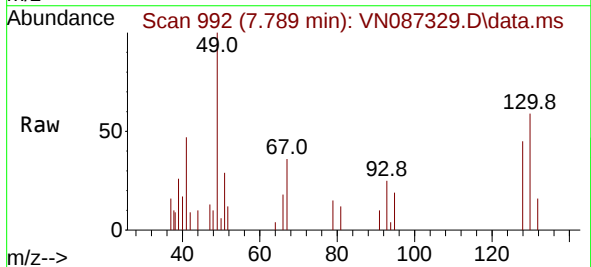
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

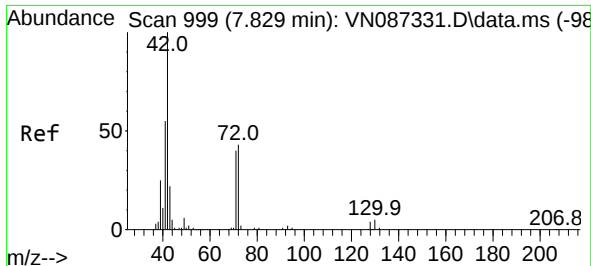
Tgt Ion: 96 Resp: 12690
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 297.8
 98 66.8 0.0 132.4



#28
 Bromochloromethane
 Concen: 5.348 ug/l
 RT: 7.789 min Scan# 992
 Delta R.T. -0.012 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Tgt Ion: 49 Resp: 11022
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 0.0 57.3 85.9#

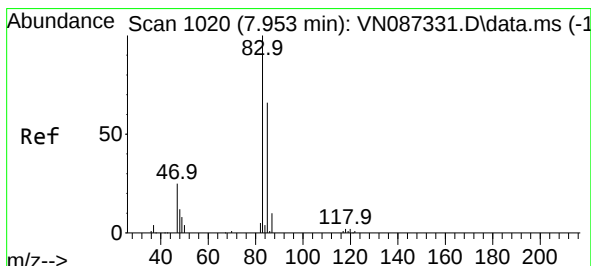
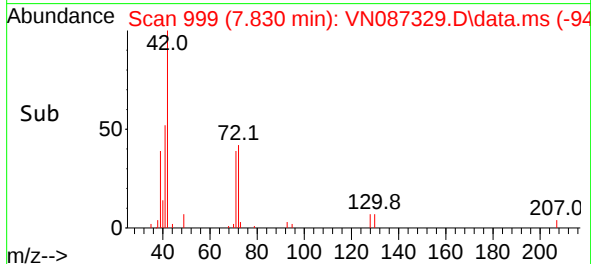
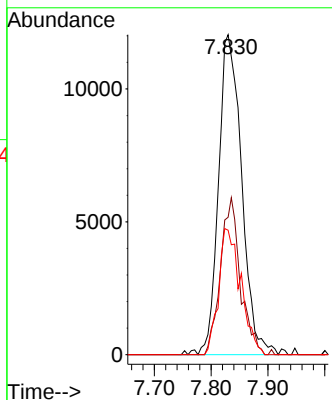
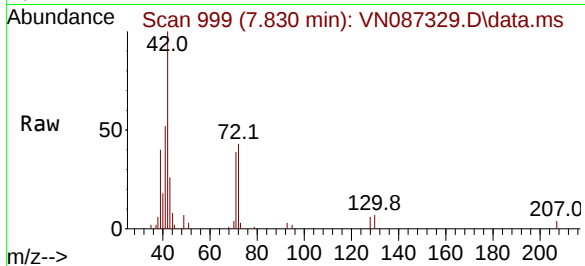




#29
Tetrahydrofuran
Concen: 24.829 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

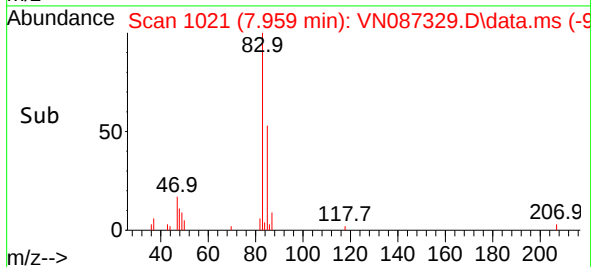
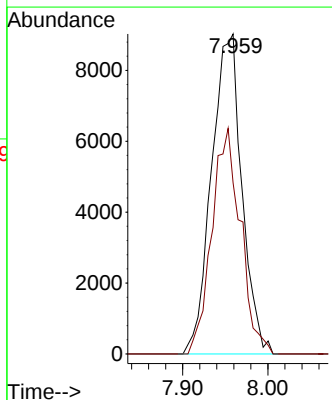
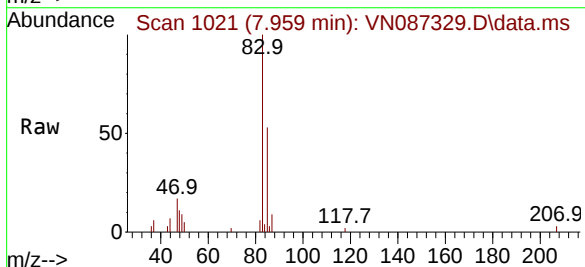
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

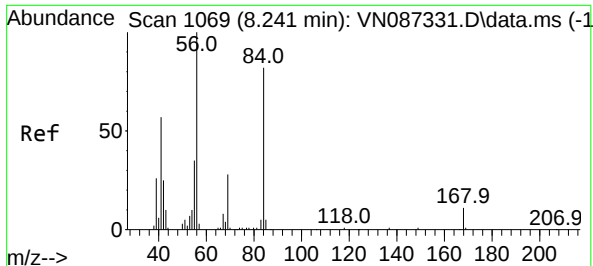
Tgt Ion: 42 Resp: 34146
Ion Ratio Lower Upper
42 100
72 42.1 33.4 50.0
71 37.6 31.2 46.8



#30
Chloroform
Concen: 5.190 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 83 Resp: 22369
Ion Ratio Lower Upper
83 100
85 53.5 52.7 79.1

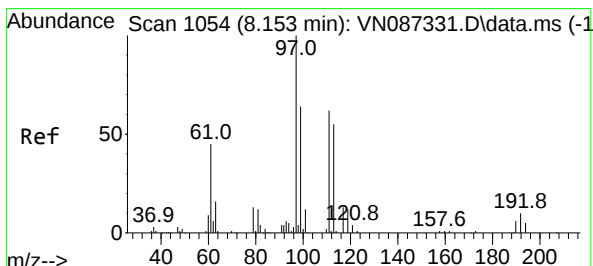
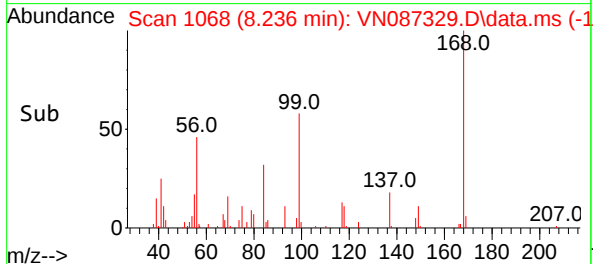
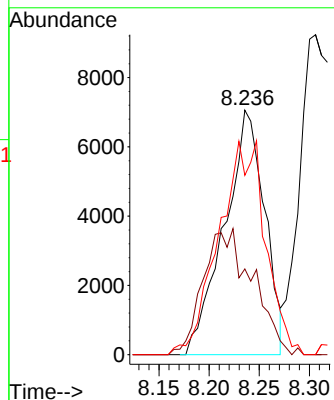
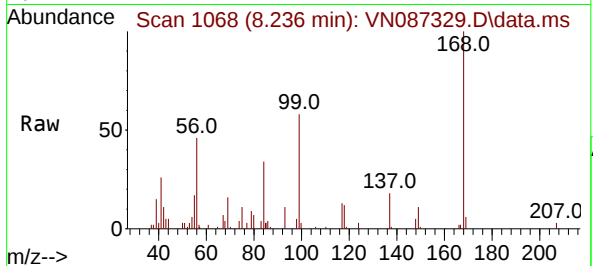




#31
Cyclohexane
Concen: 5.502 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

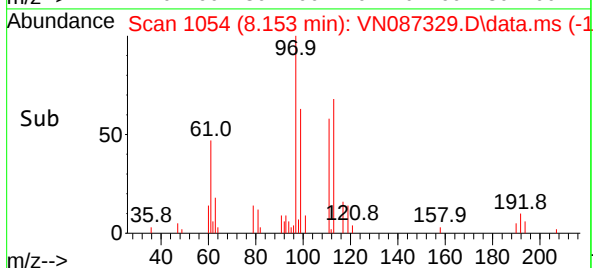
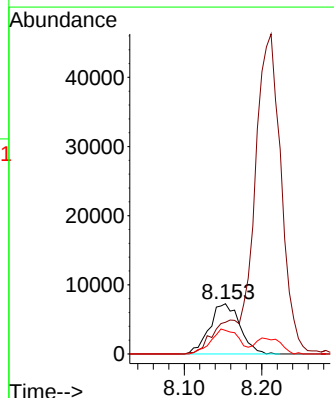
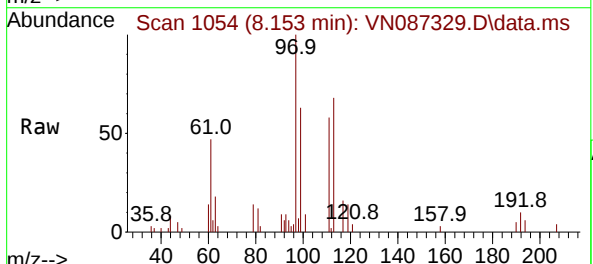
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

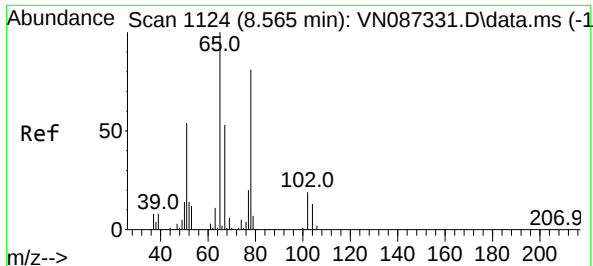
Tgt Ion: 56 Resp: 19764
Ion Ratio Lower Upper
56 100
69 32.8 22.7 34.1
84 69.3 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 5.287 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 97 Resp: 19739
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 45.3 38.7 58.1

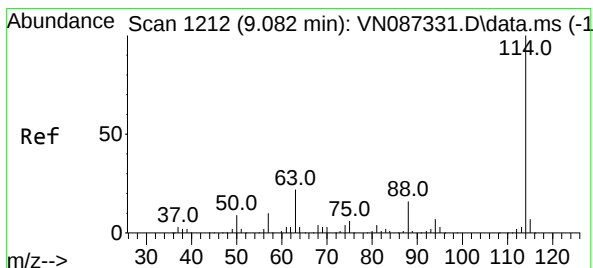
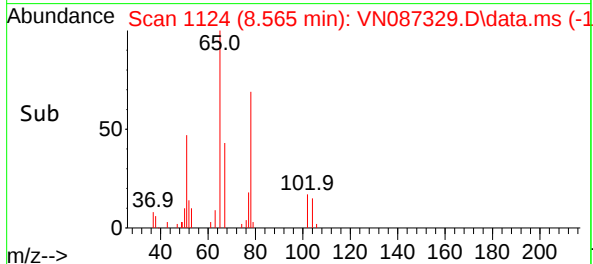
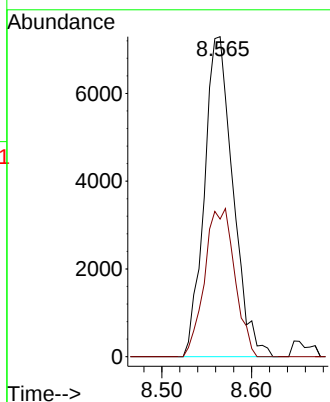
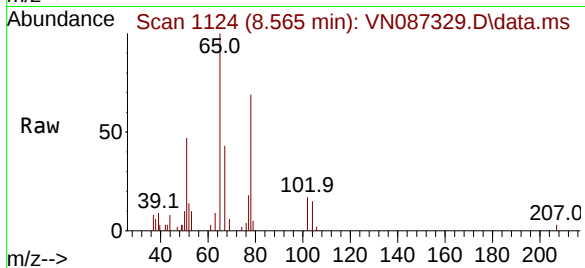




#33
 1,2-Dichloroethane-d4
 Concen: 5.536 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

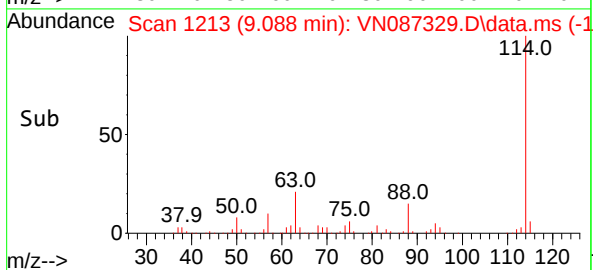
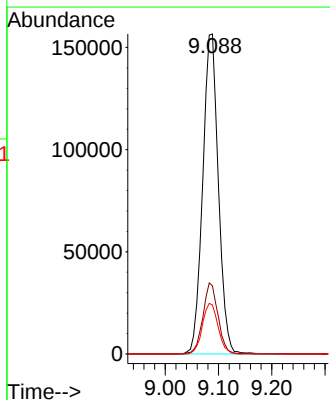
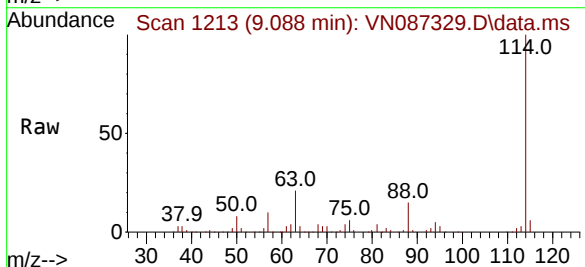
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

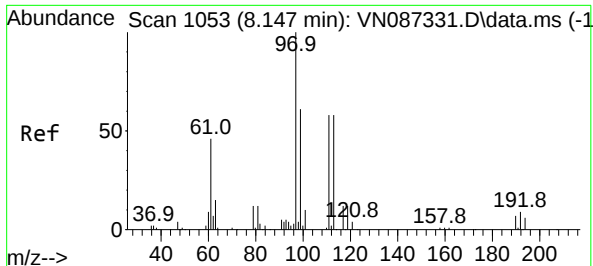
Tgt Ion: 65 Resp: 16177
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.088 min Scan# 1213
 Delta R.T. 0.006 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Tgt Ion: 114 Resp: 319926
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.6
 88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 5.035 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

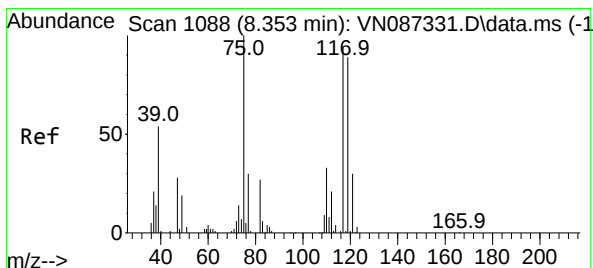
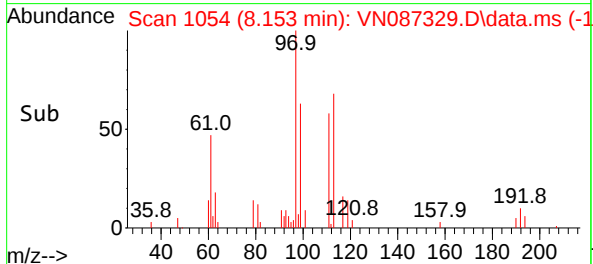
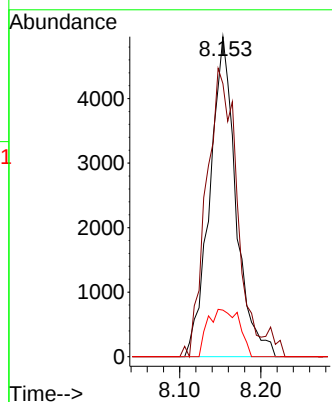
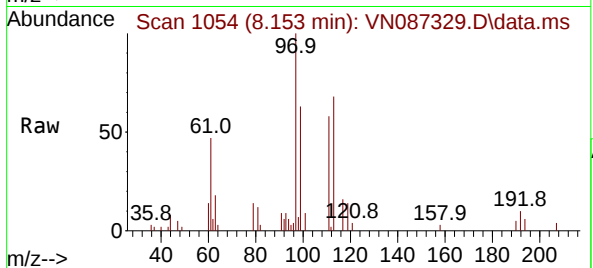
Tgt Ion:113 Resp: 11111

Ion Ratio Lower Upper

113 100

111 104.4 82.5 123.7

192 17.7 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.790 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

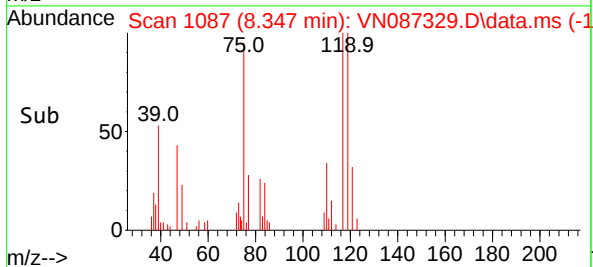
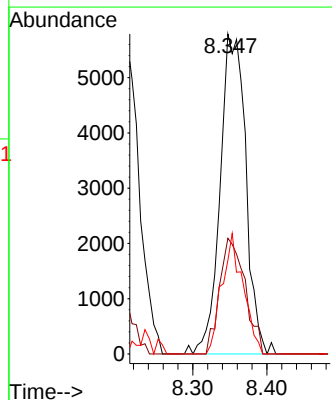
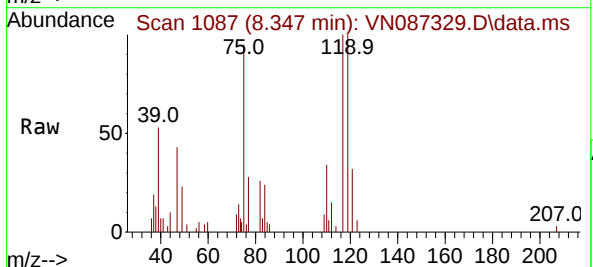
Tgt Ion: 75 Resp: 13965

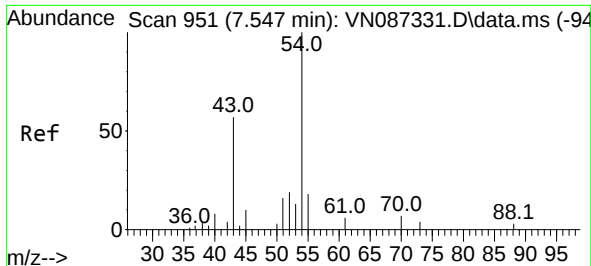
Ion Ratio Lower Upper

75 100

110 35.8 16.7 50.1

77 31.2 25.2 37.8

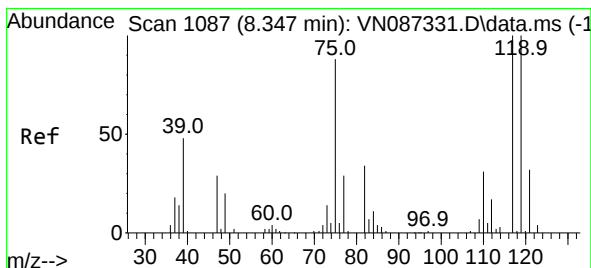
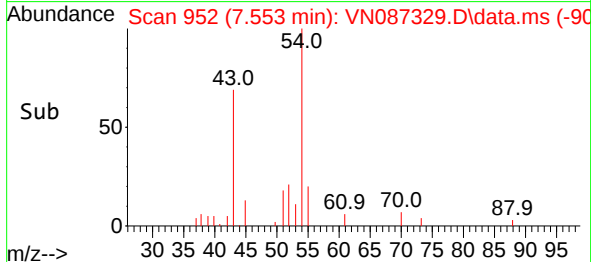
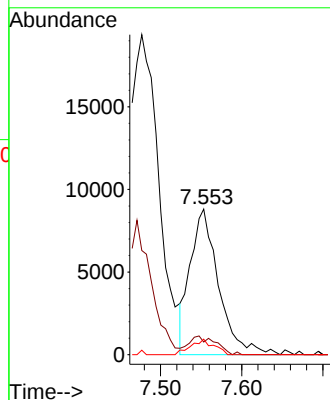
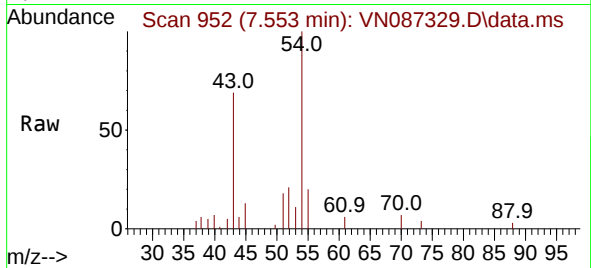




#37
Ethyl Acetate
Concen: 5.102 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

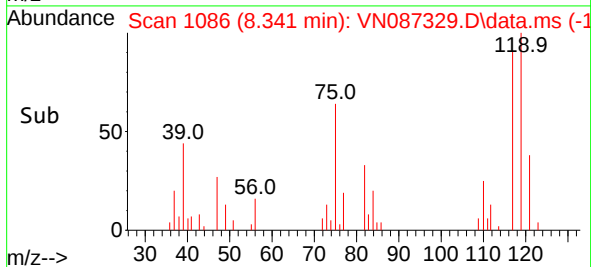
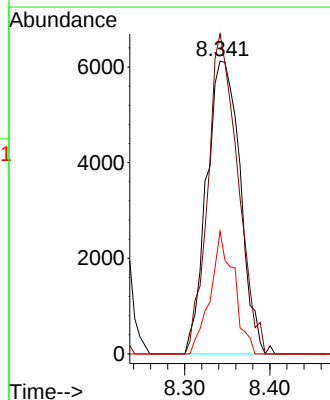
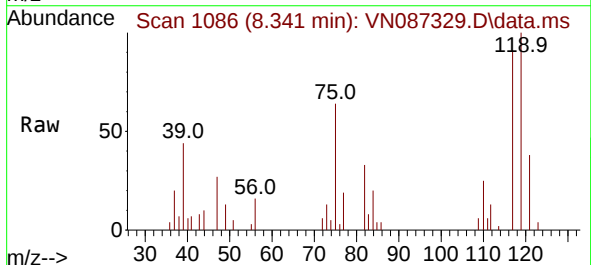
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

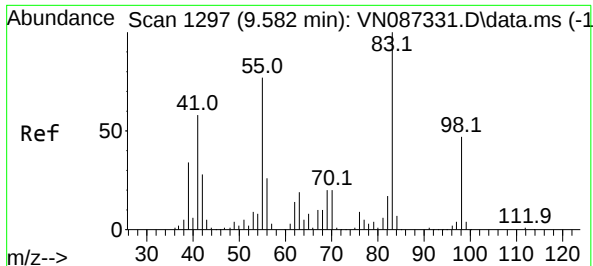
Tgt Ion: 43 Resp: 21482
Ion Ratio Lower Upper
43 100
61 12.2 10.9 16.3
70 8.5 7.4 11.0



#38
Carbon Tetrachloride
Concen: 5.205 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 117 Resp: 16718
Ion Ratio Lower Upper
117 100
119 109.3 80.2 120.2
121 41.8 25.4 38.2#





#39

Methylcyclohexane

Concen: 4.484 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

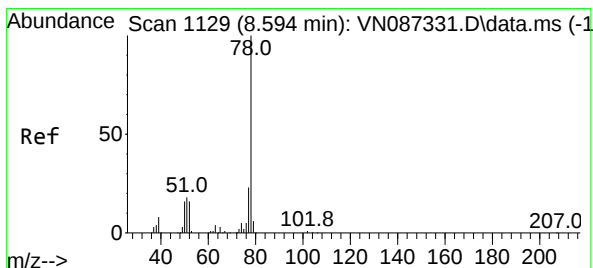
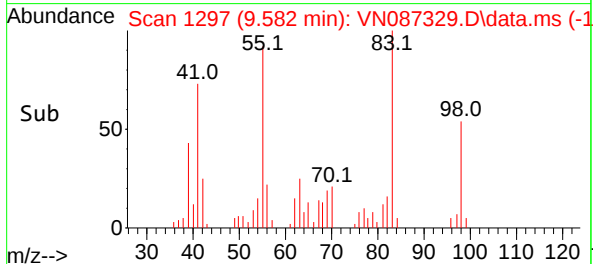
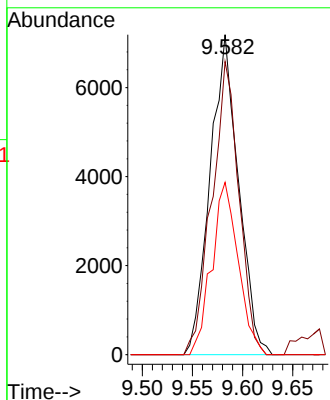
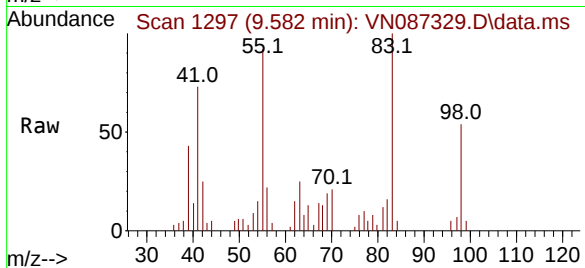
Tgt Ion: 83 Resp: 14154

Ion Ratio Lower Upper

83 100

55 91.6 61.3 91.9

98 53.8 37.9 56.9



#40

Benzene

Concen: 4.855 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VN087329.D

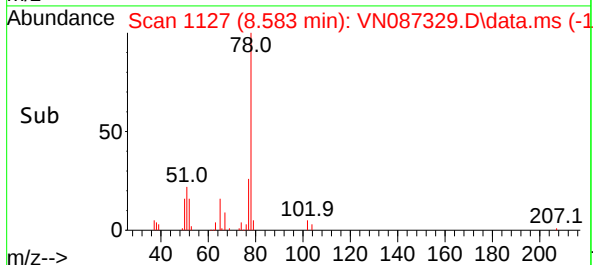
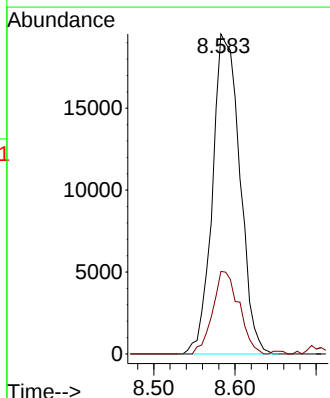
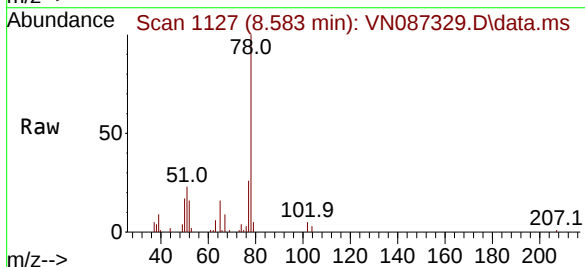
Acq: 16 Jul 2025 17:27

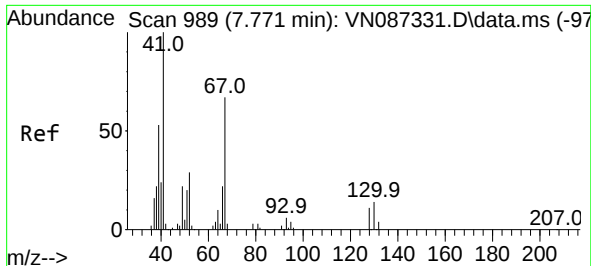
Tgt Ion: 78 Resp: 45748

Ion Ratio Lower Upper

78 100

77 25.8 18.2 27.2

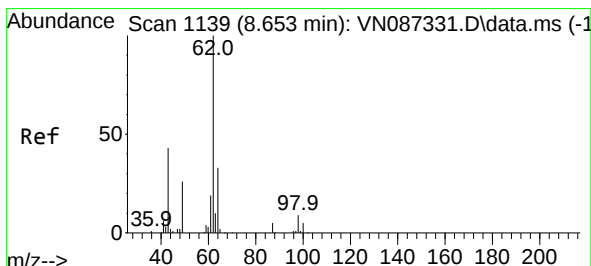
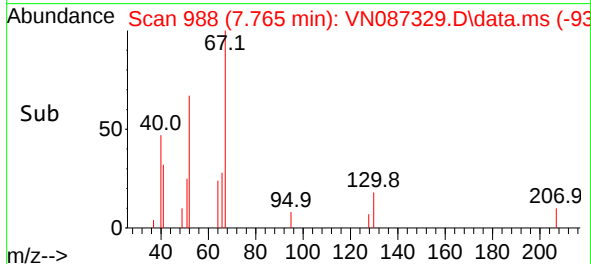
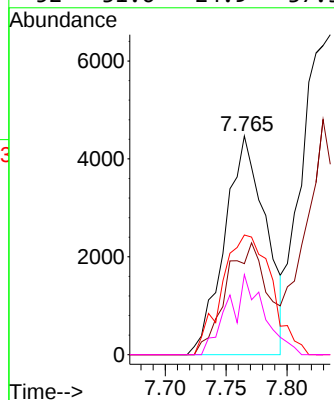
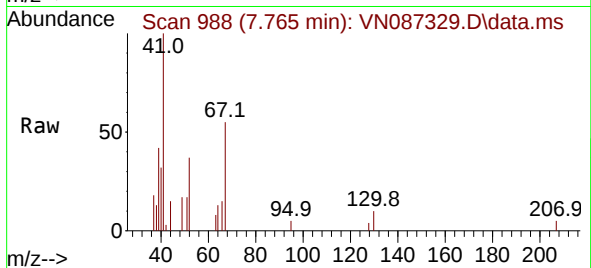




#41
Methacrylonitrile
Concen: 4.792 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

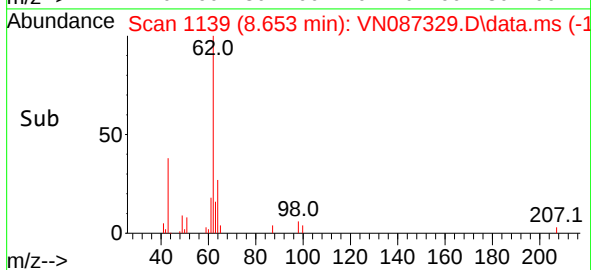
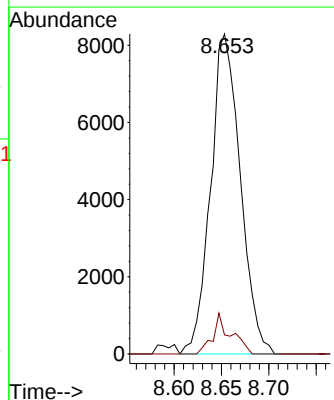
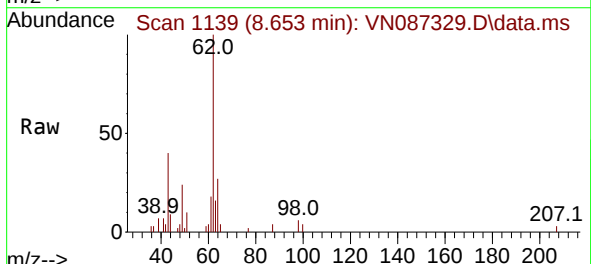
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

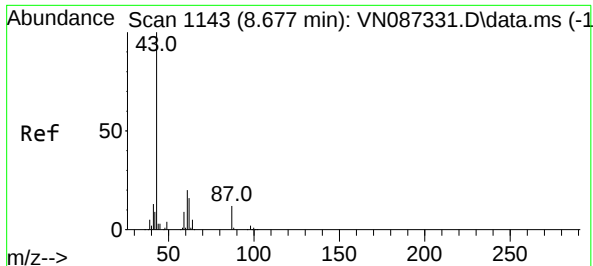
Tgt Ion:	41	Resp:	10551
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.4	65.0
67	65.8	55.1	82.7
52	31.6	24.9	37.3



#42
1,2-Dichloroethane
Concen: 5.061 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:	62	Resp:	18086
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	18.0

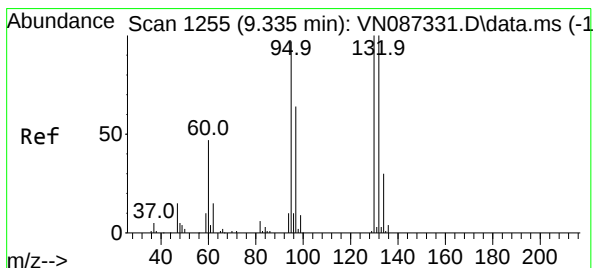
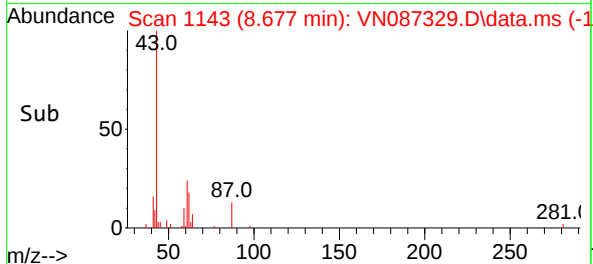
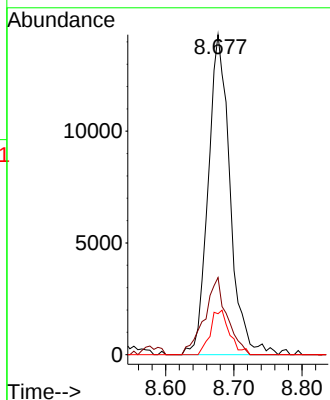
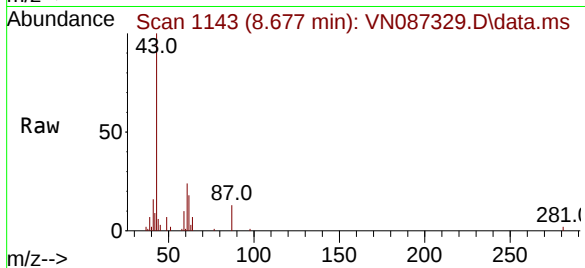




#43
Isopropyl Acetate
Concen: 4.890 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

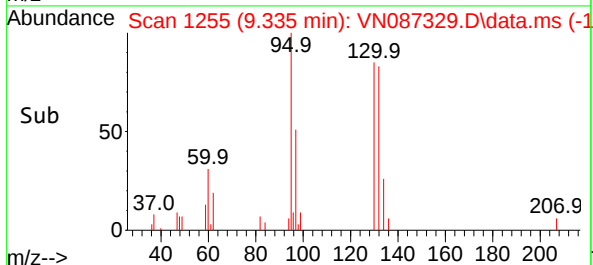
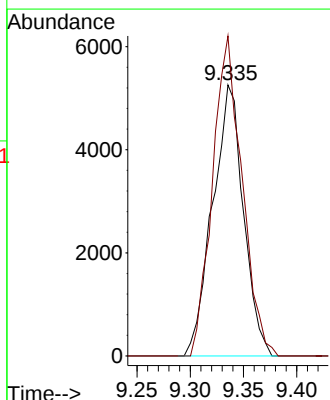
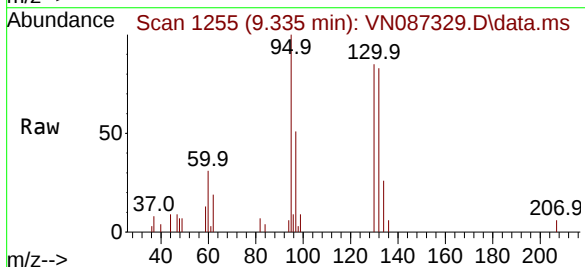
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

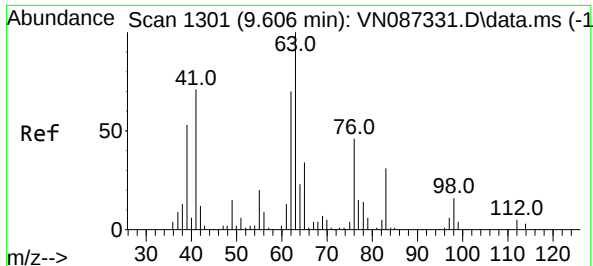
Tgt Ion:	43	Resp:	31964
Ion	Ratio	Lower	Upper
43	100		
61	24.7	19.8	29.8
87	12.2	9.8	14.6



#44
Trichloroethene
Concen: 4.748 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:	130	Resp:	10573
Ion	Ratio	Lower	Upper
130	100		
95	118.0	0.0	195.2





#45

1,2-Dichloropropane

Concen: 4.898 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

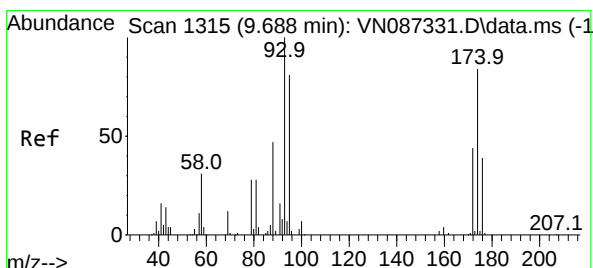
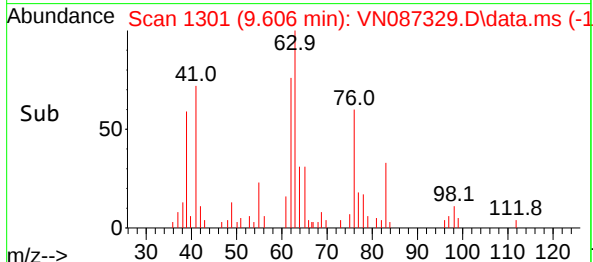
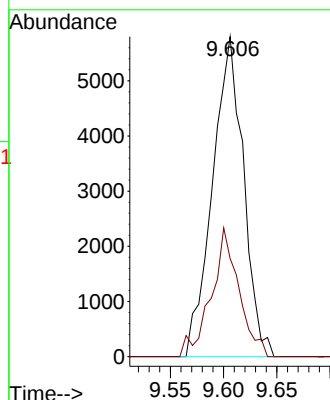
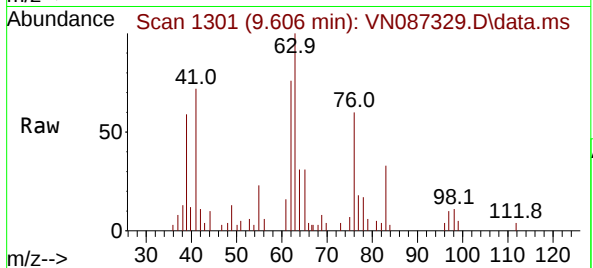
VSTDICC005

Tgt Ion: 63 Resp: 11728

Ion Ratio Lower Upper

63 100

65 30.7 27.0 40.4



#46

Dibromomethane

Concen: 5.284 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

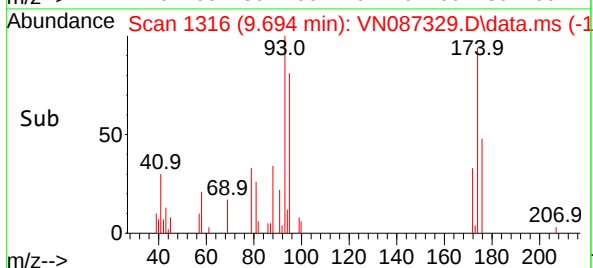
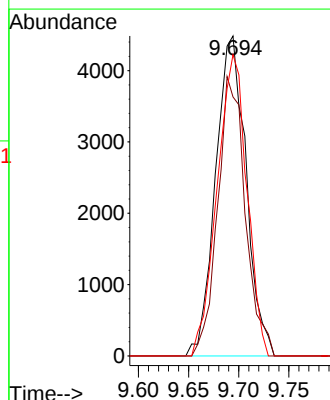
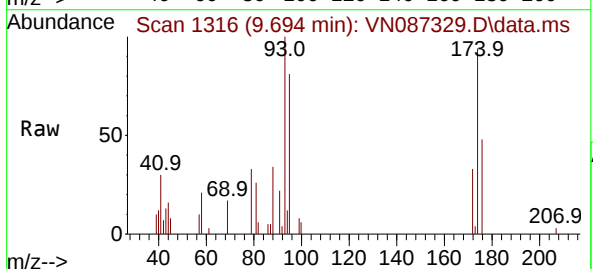
Tgt Ion: 93 Resp: 9473

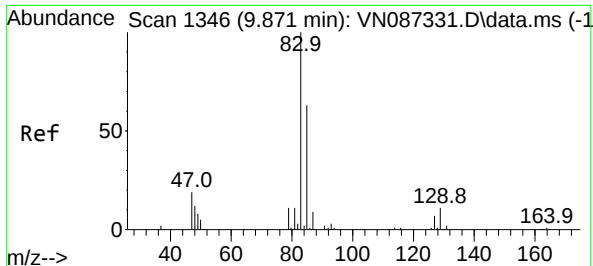
Ion Ratio Lower Upper

93 100

95 79.6 65.8 98.8

174 92.1 69.9 104.9

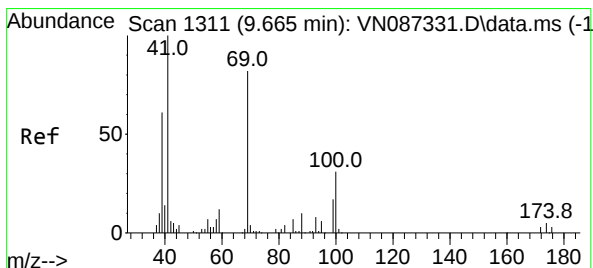
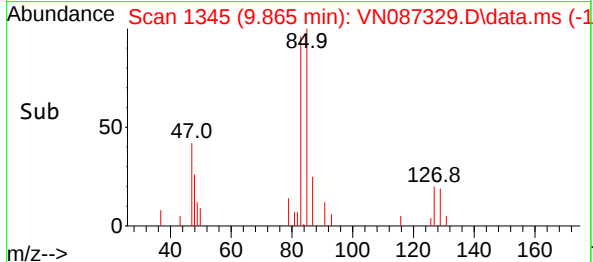
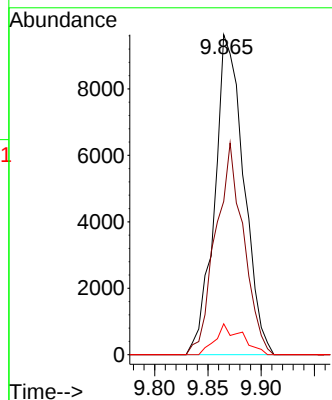
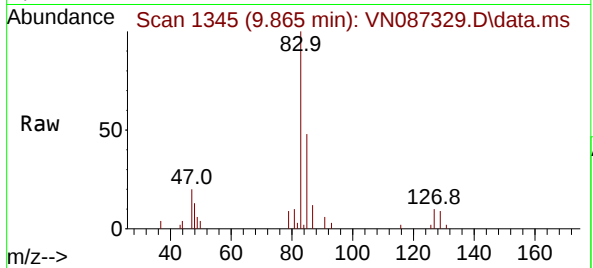




#47
Bromodichloromethane
Concen: 5.068 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

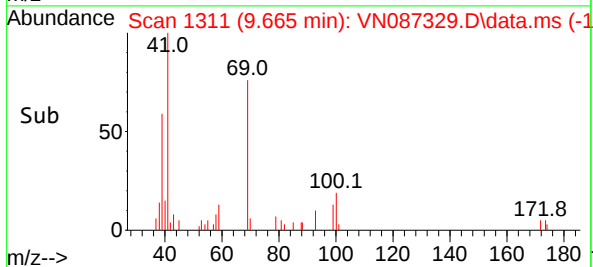
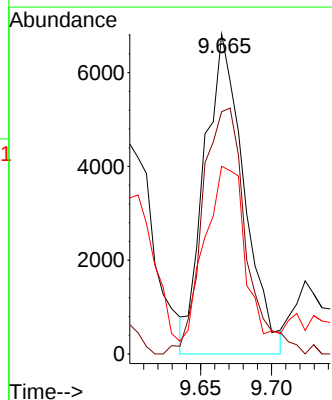
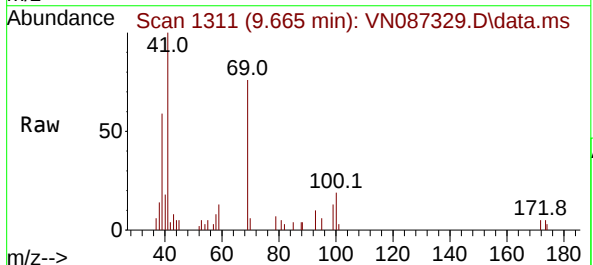
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

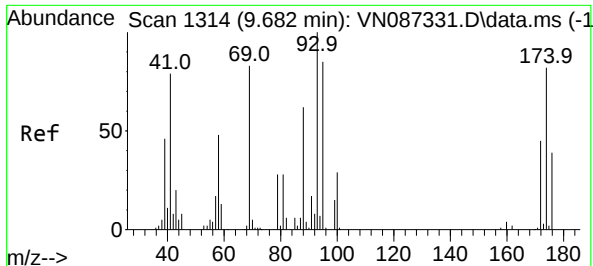
Tgt Ion: 83 Resp: 18300
Ion Ratio Lower Upper
83 100
85 47.9 50.4 75.6#
127 9.7 5.8 8.8#



#48
Methyl methacrylate
Concen: 4.475 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 41 Resp: 13169
Ion Ratio Lower Upper
41 100
69 84.9 64.1 96.1
39 54.4 45.5 68.3





#49

1,4-Dioxane

Concen: 92.653 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

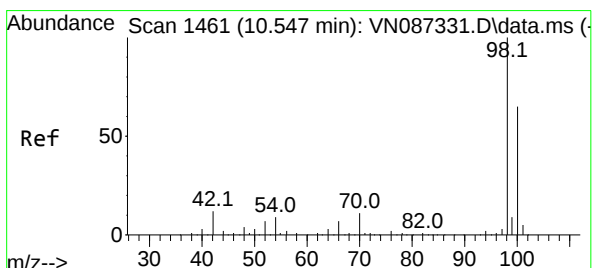
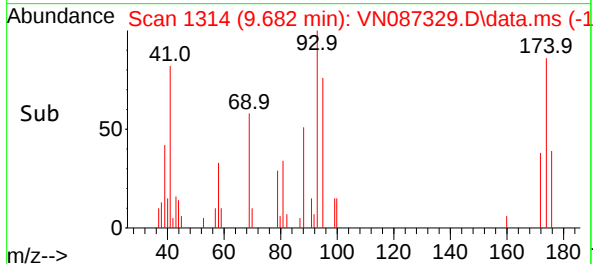
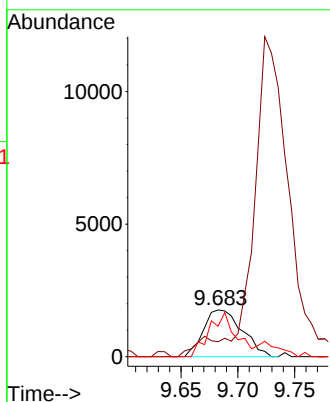
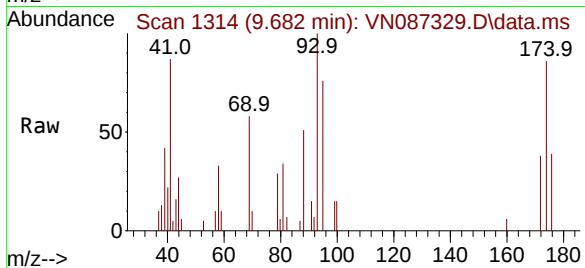
Tgt Ion: 88 Resp: 4176

Ion Ratio Lower Upper

88 100

43 25.3 0.0 0.0#

58 65.4 61.1 91.7



#50

Toluene-d8

Concen: 4.796 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087329.D

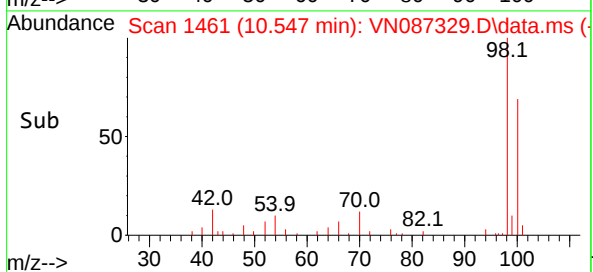
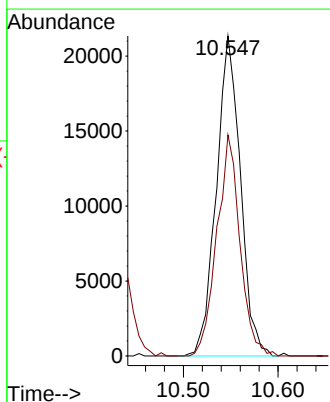
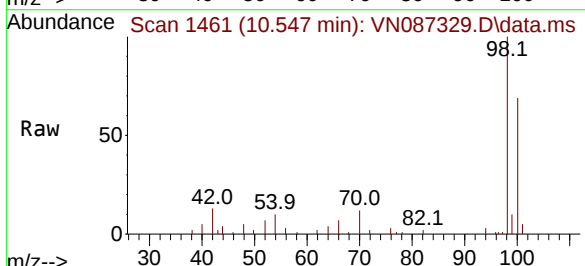
Acq: 16 Jul 2025 17:27

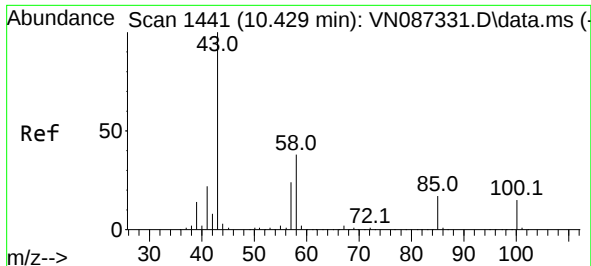
Tgt Ion: 98 Resp: 37751

Ion Ratio Lower Upper

98 100

100 66.6 52.1 78.1

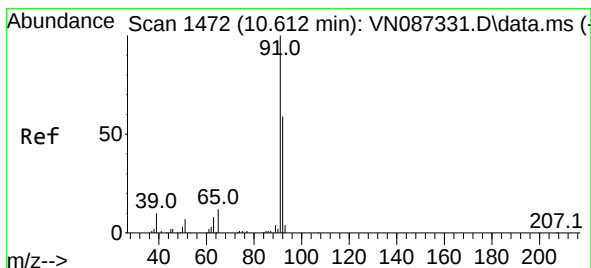
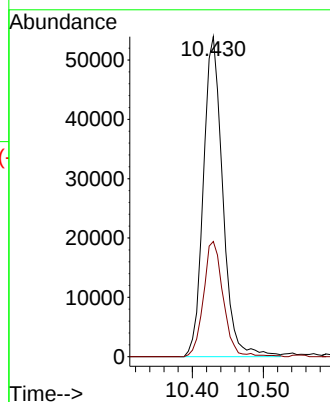
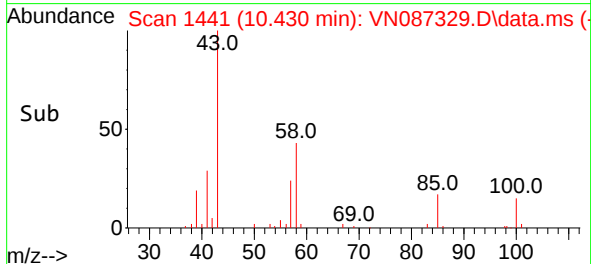
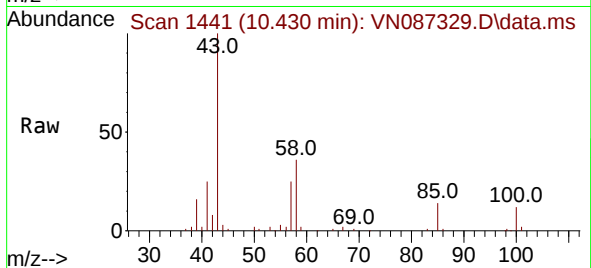




#51
4-Methyl-2-Pentanone
Concen: 24.797 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

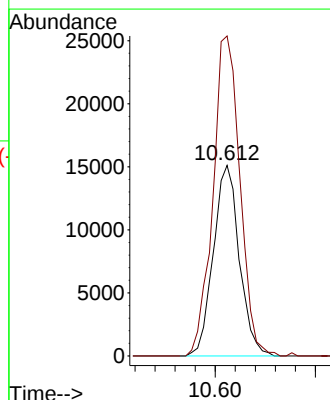
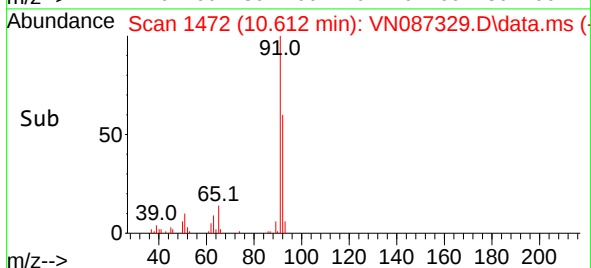
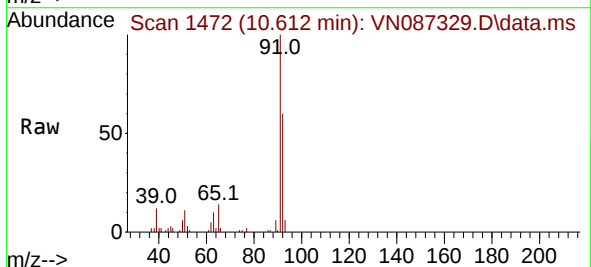
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

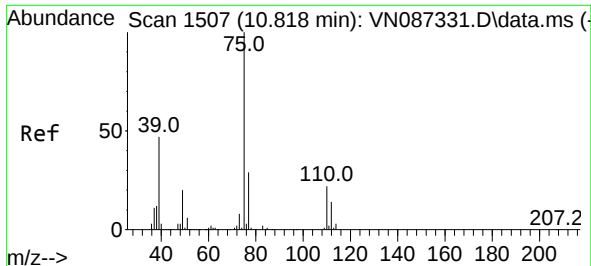
Tgt Ion: 43 Resp: 102519
Ion Ratio Lower Upper
43 100
58 36.6 30.8 46.2



#52
Toluene
Concen: 4.742 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 92 Resp: 27158
Ion Ratio Lower Upper
92 100
91 174.6 135.1 202.7

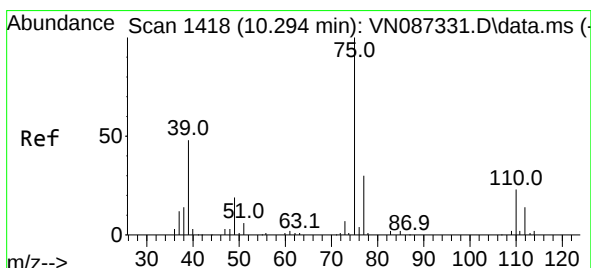
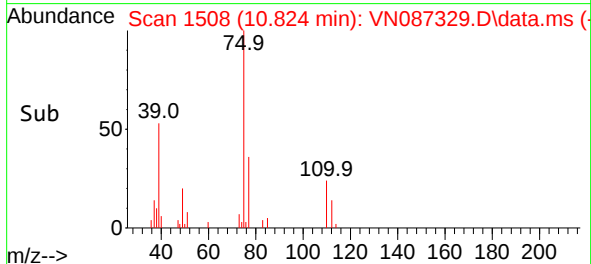
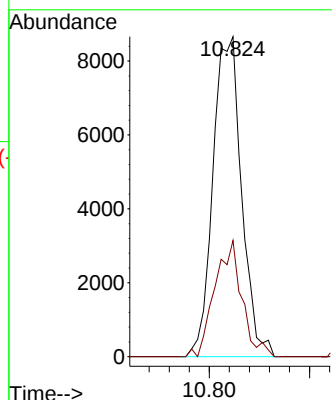
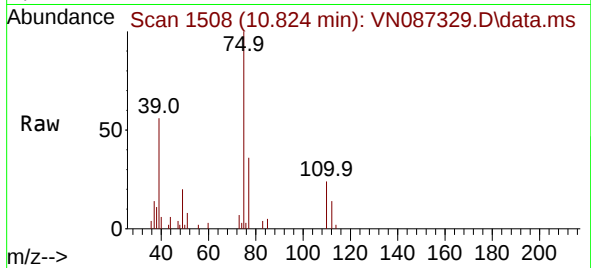




#53
 t-1,3-Dichloropropene
 Concen: 4.688 ug/l
 RT: 10.824 min Scan# 1508
 Delta R.T. 0.006 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

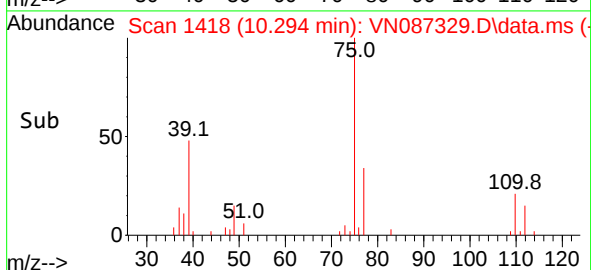
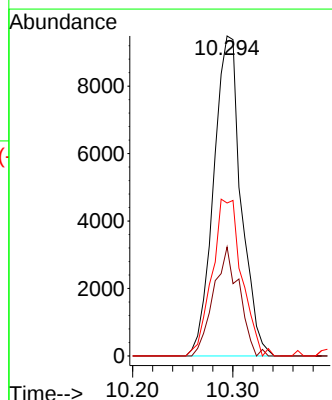
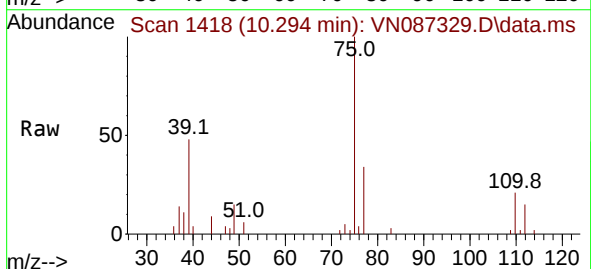
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

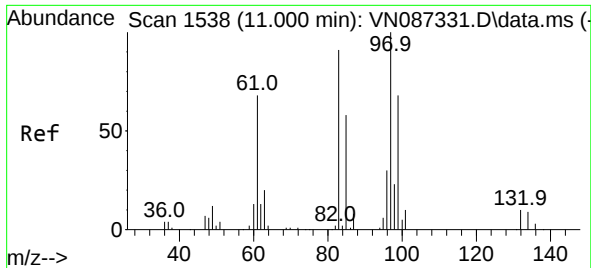
Tgt Ion: 75 Resp: 17133
 Ion Ratio Lower Upper
 75 100
 77 36.3 23.6 35.4#



#54
 cis-1,3-Dichloropropene
 Concen: 4.780 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 18046
 Ion Ratio Lower Upper
 75 100
 77 34.0 24.2 36.2
 39 47.8 38.4 57.6

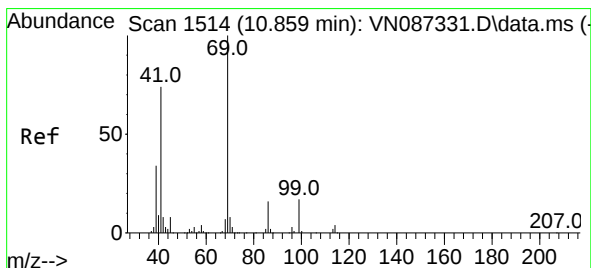
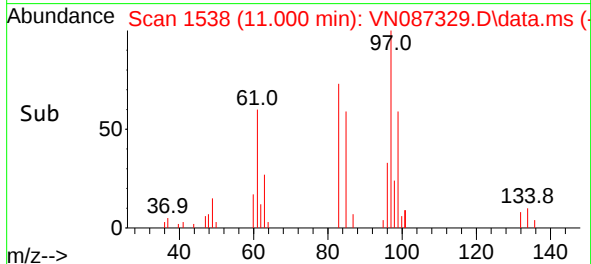
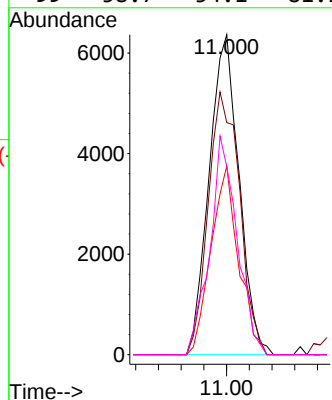
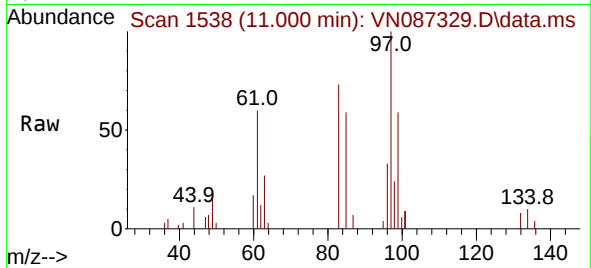




#55
1,1,2-Trichloroethane
Concen: 5.021 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

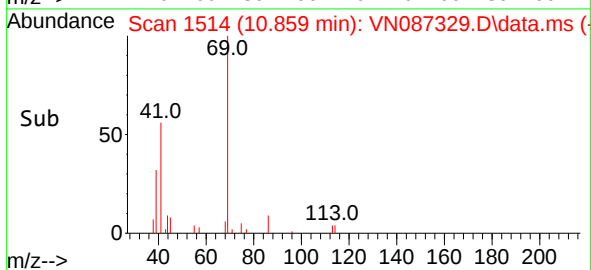
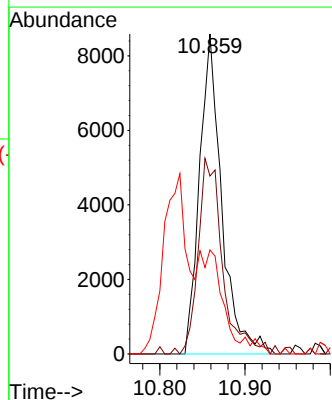
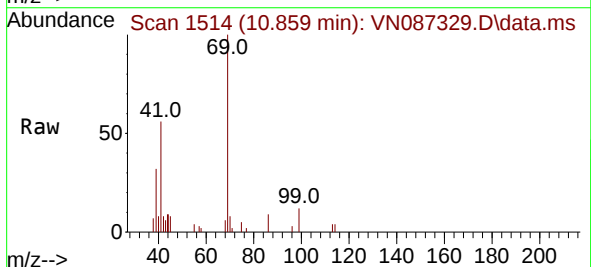
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

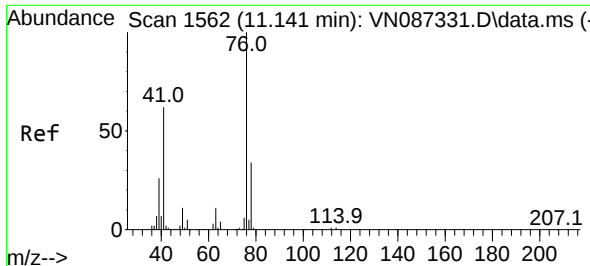
Tgt Ion:	97	Resp:	11643
Ion	Ratio	Lower	Upper
97	100		
83	72.6	72.6	109.0#
85	59.0	46.7	70.1
99	58.7	54.1	81.1



#56
Ethyl methacrylate
Concen: 4.693 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:	69	Resp:	15548
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.1	82.7
39	28.8	27.9	41.9





#57

1,3-Dichloropropane

Concen: 4.956 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

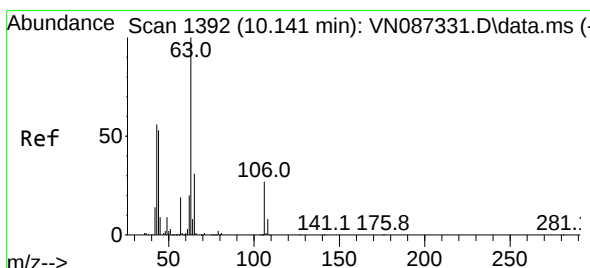
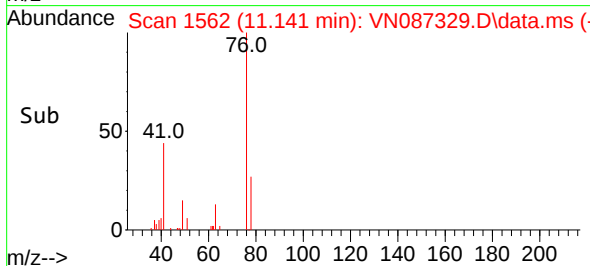
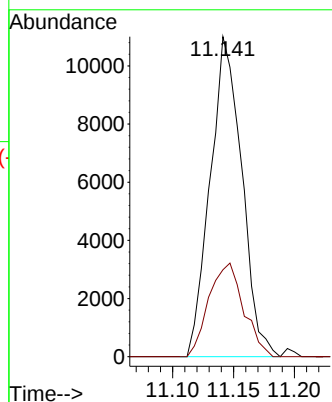
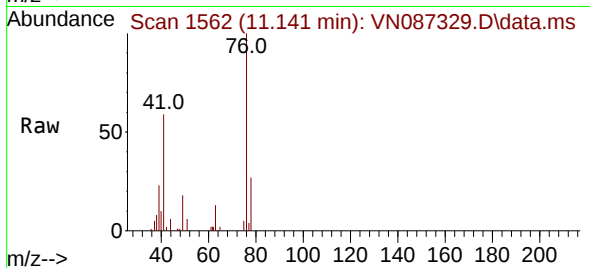
VSTDIC005

Tgt Ion: 76 Resp: 19868

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 22.968 ug/l

RT: 10.147 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VN087329.D

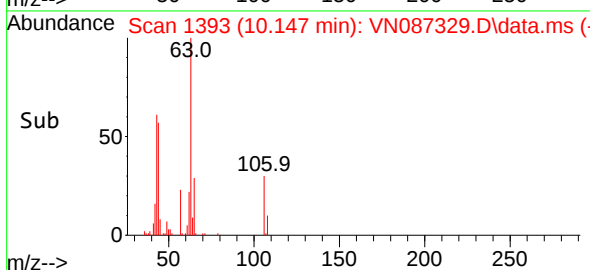
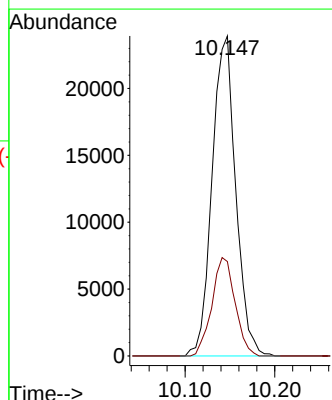
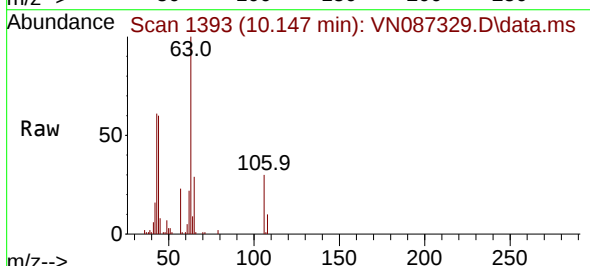
Acq: 16 Jul 2025 17:27

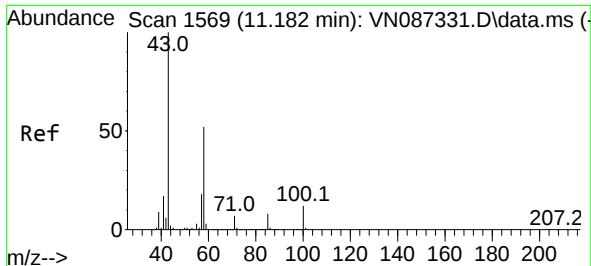
Tgt Ion: 63 Resp: 43690

Ion Ratio Lower Upper

63 100

106 30.2 21.7 32.5

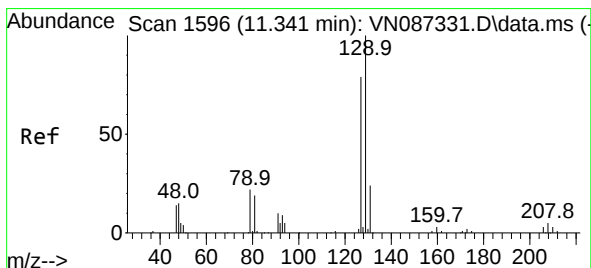
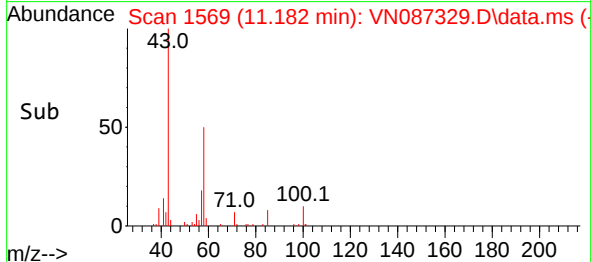
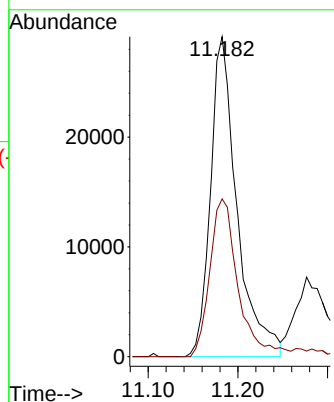
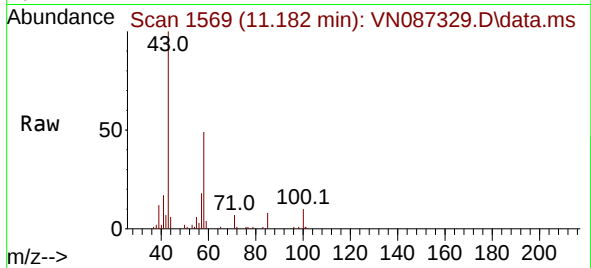




#59
2-Hexanone
Concen: 21.778 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

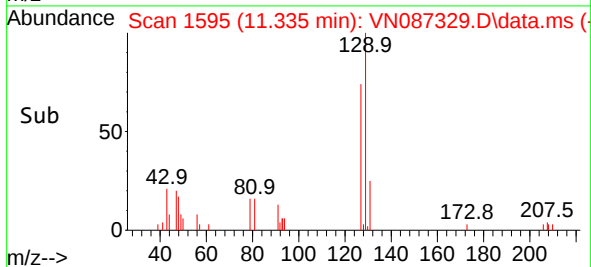
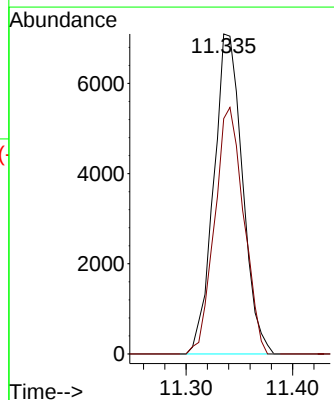
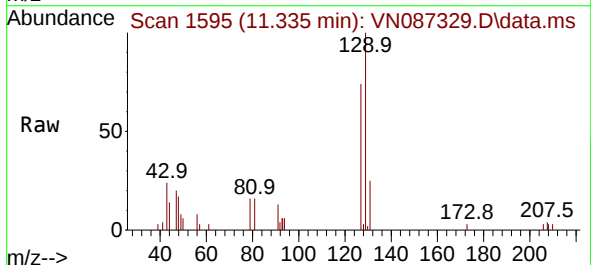
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

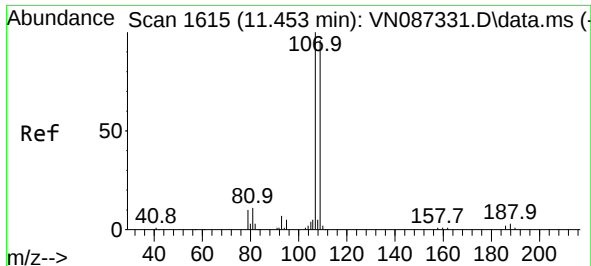
Tgt Ion: 43 Resp: 59736
Ion Ratio Lower Upper
43 100
58 52.6 26.7 80.0



#60
Dibromochloromethane
Concen: 5.037 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 129 Resp: 13321
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5

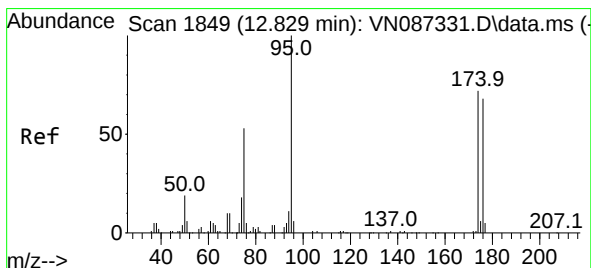
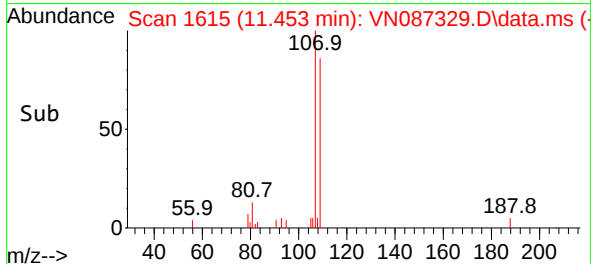
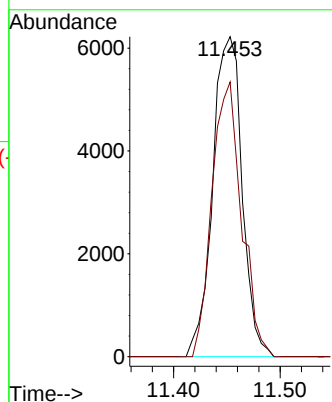
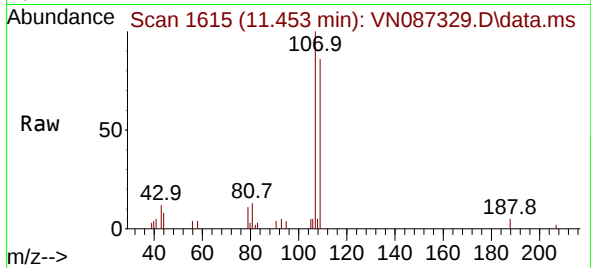




#61
1,2-Dibromoethane
Concen: 4.898 ug/l
RT: 11.453 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

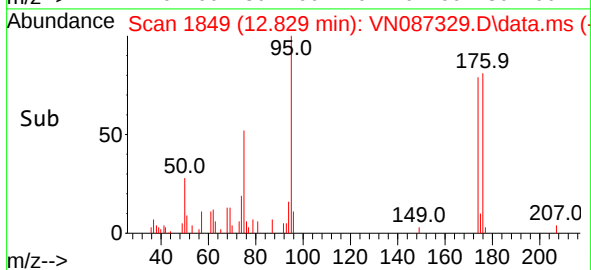
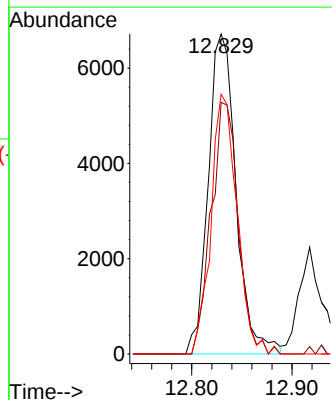
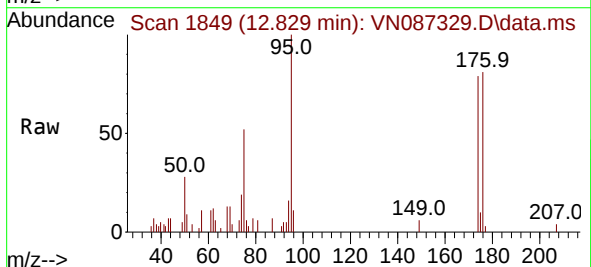
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

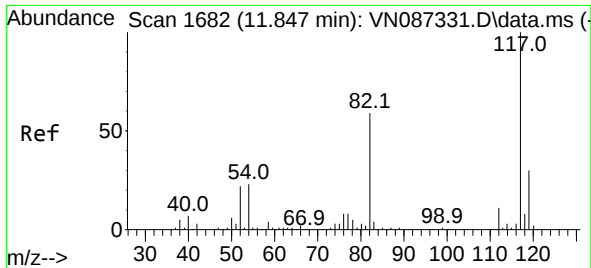
Tgt Ion:107 Resp: 11942
Ion Ratio Lower Upper
107 100
109 86.3 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 4.450 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 95 Resp: 12943
Ion Ratio Lower Upper
95 100
174 76.6 0.0 149.4
176 76.1 0.0 141.2

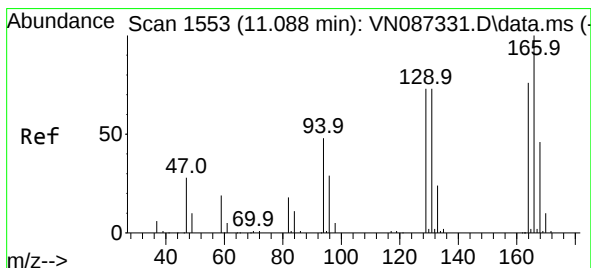
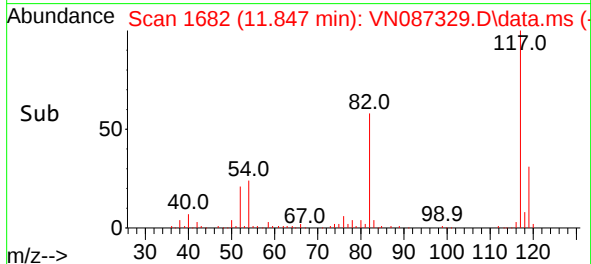
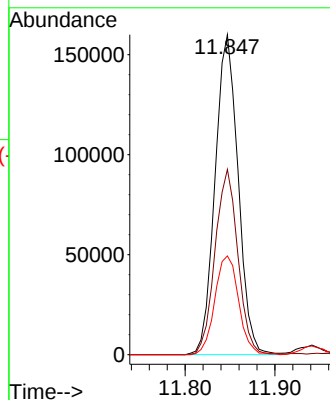
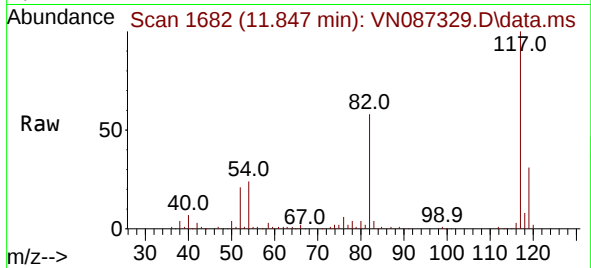




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

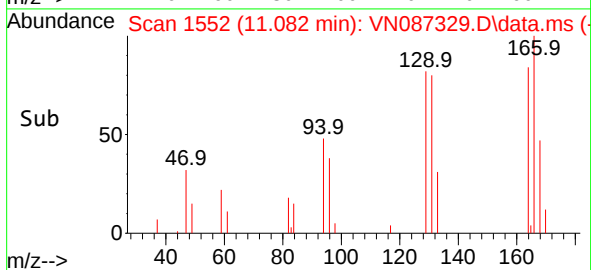
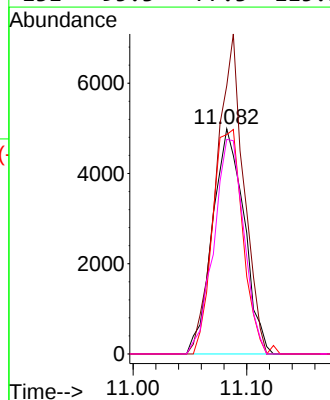
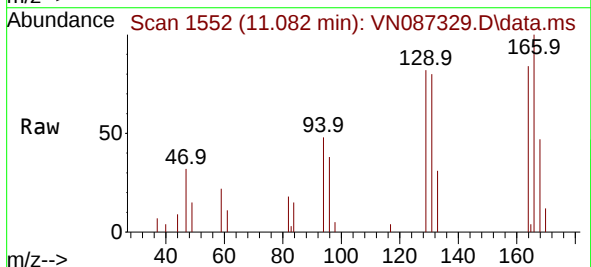
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

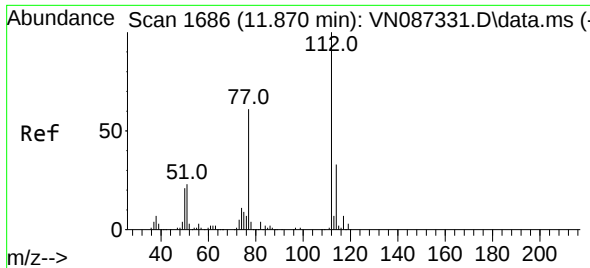
Tgt Ion:117 Resp: 285583
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 30.8 23.8 35.8



#64
Tetrachloroethene
Concen: 5.256 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:164 Resp: 9660
Ion Ratio Lower Upper
164 100
166 119.2 105.5 158.3
129 97.5 77.4 116.2
131 95.3 77.3 115.9

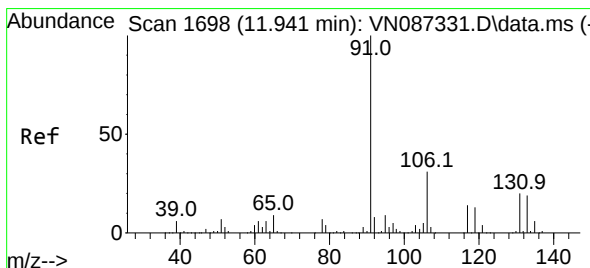
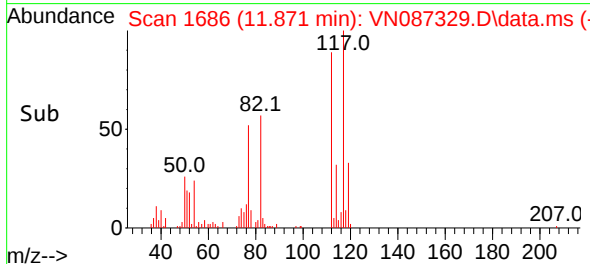
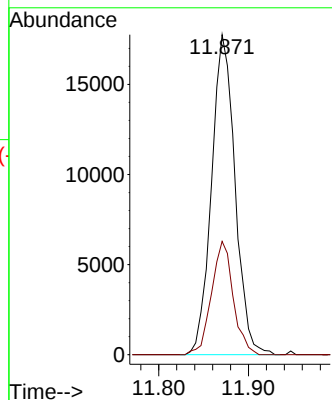
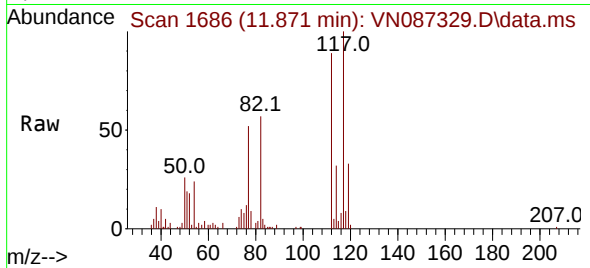




#65
Chlorobenzene
Concen: 5.038 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

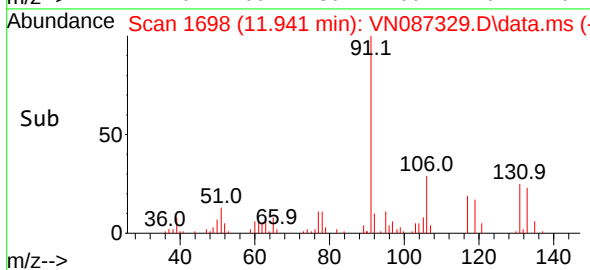
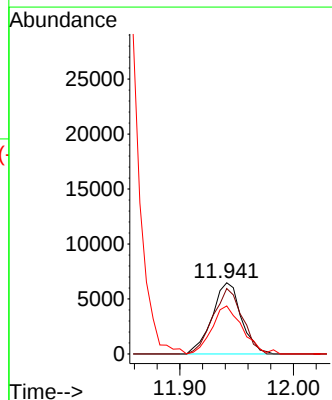
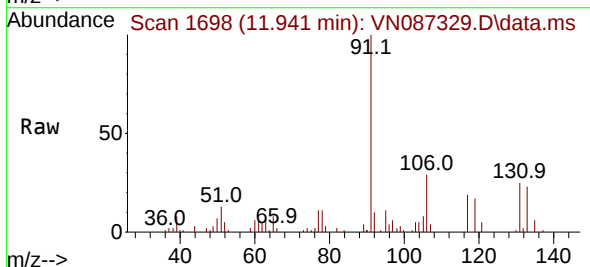
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

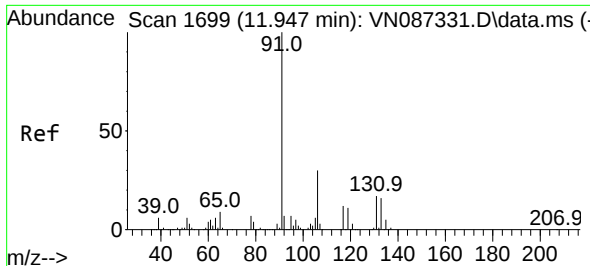
Tgt Ion:112 Resp: 32304
Ion Ratio Lower Upper
112 100
114 35.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.312 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:131 Resp: 11581
Ion Ratio Lower Upper
131 100
133 92.2 47.4 142.3
119 70.7 33.1 99.2

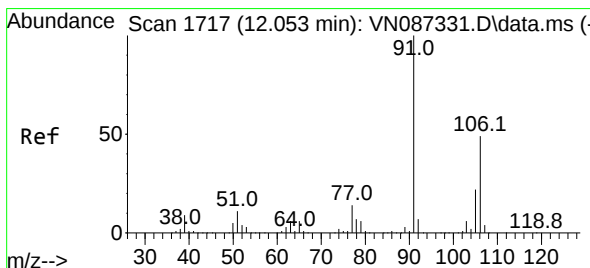
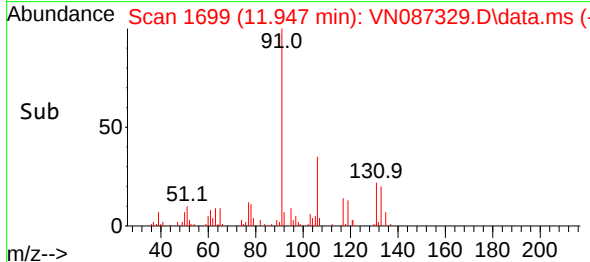
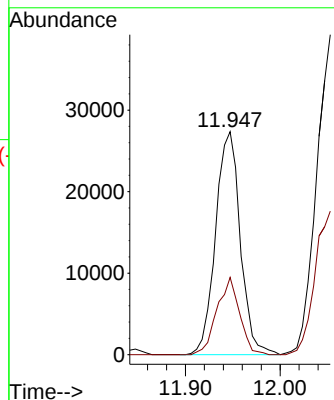
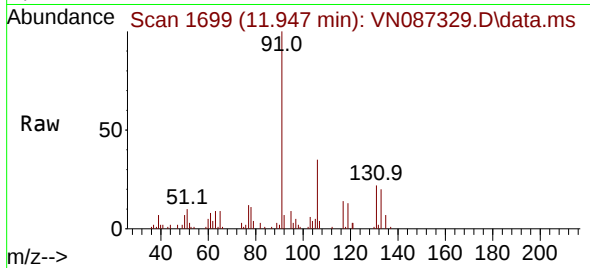




#67
Ethyl Benzene
Concen: 4.701 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

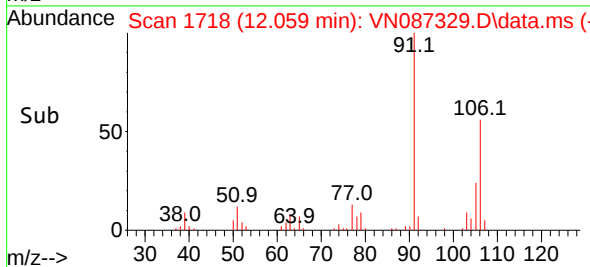
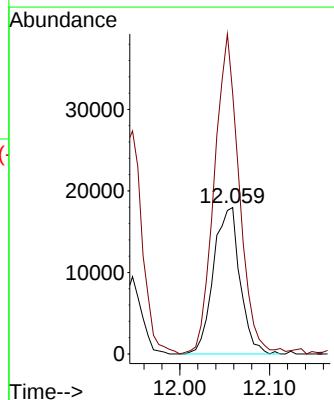
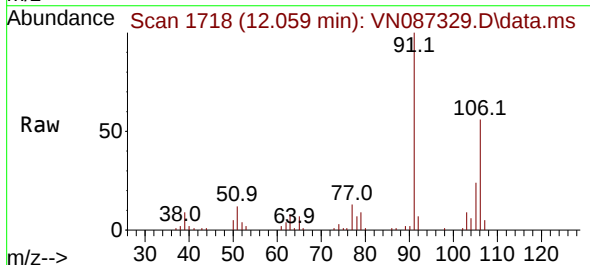
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

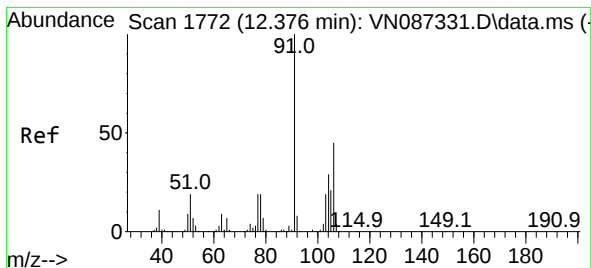
Tgt Ion: 91 Resp: 49622
Ion Ratio Lower Upper
91 100
106 34.6 24.3 36.5



#68
m/p-Xylenes
Concen: 9.332 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 106 Resp: 36883
Ion Ratio Lower Upper
106 100
91 205.1 162.0 243.0





#69

o-Xylene

Concen: 4.580 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

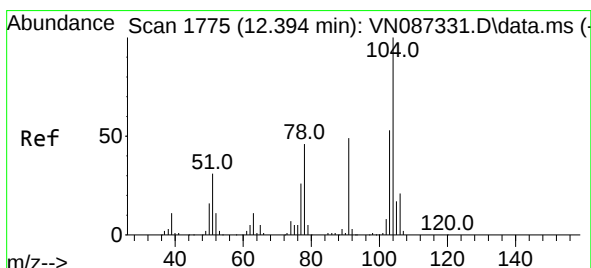
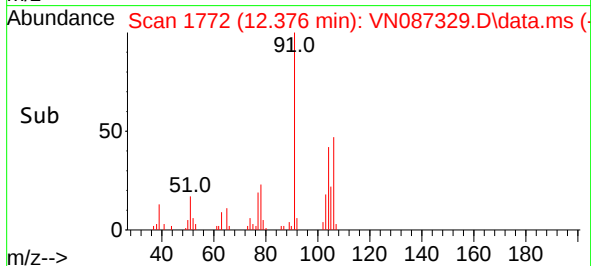
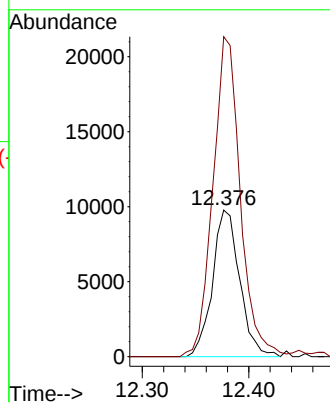
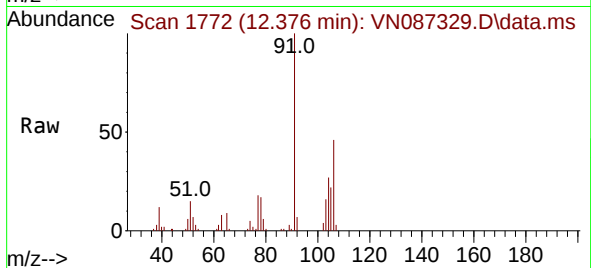
VSTDIC005

Tgt Ion:106 Resp: 17293

Ion Ratio Lower Upper

106 100

91 219.7 107.7 323.3



#70

Styrene

Concen: 4.639 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

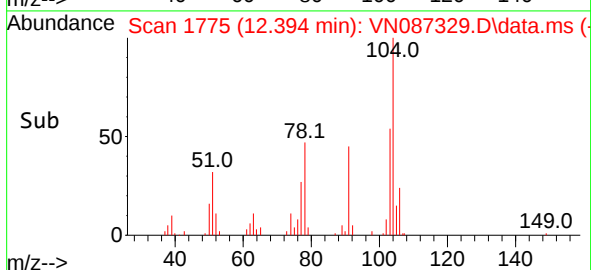
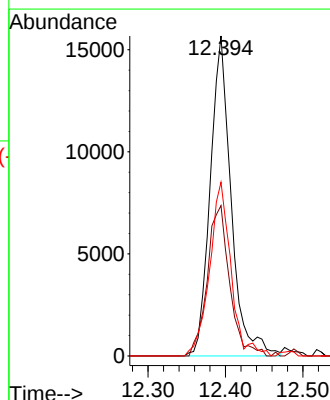
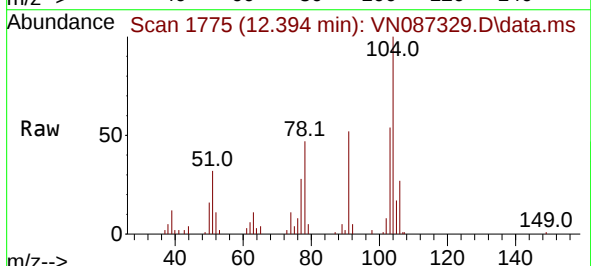
Tgt Ion:104 Resp: 29462

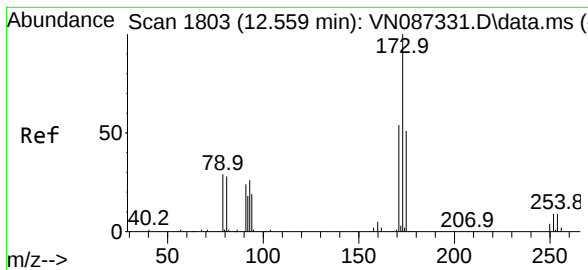
Ion Ratio Lower Upper

104 100

78 50.2 41.0 61.6

103 55.1 43.9 65.9





#71

Bromoform

Concen: 4.899 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

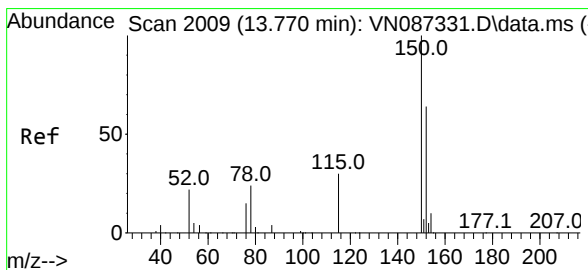
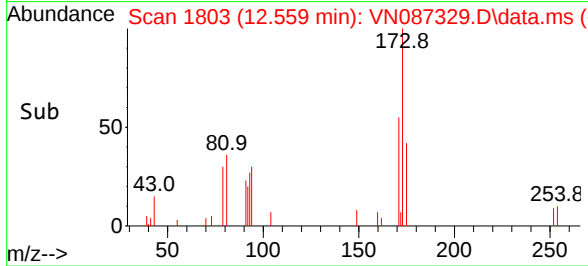
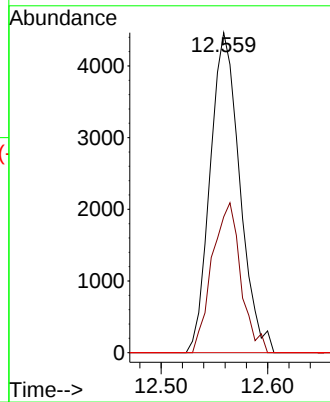
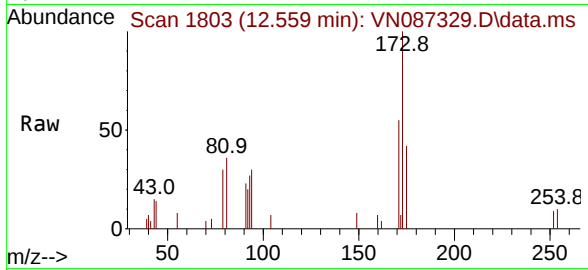
Tgt Ion:173 Resp: 8628

Ion Ratio Lower Upper

173 100

175 45.5 24.1 72.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

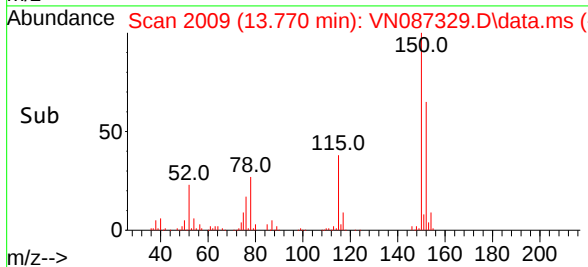
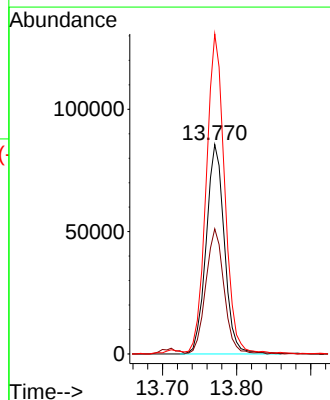
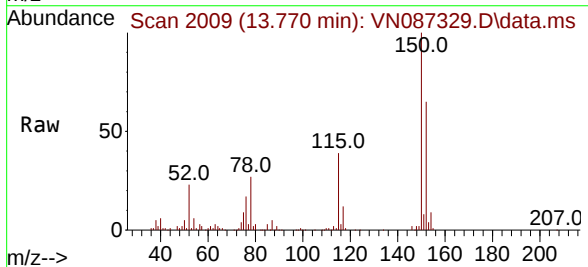
Tgt Ion:152 Resp: 146494

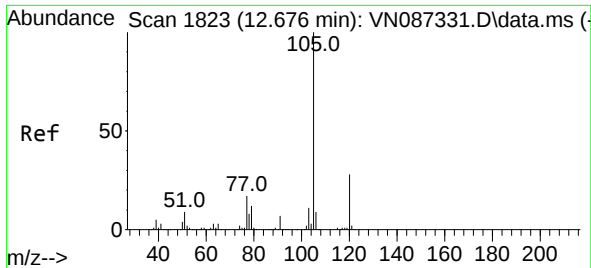
Ion Ratio Lower Upper

152 100

115 60.1 31.1 93.5

150 152.1 0.0 349.0

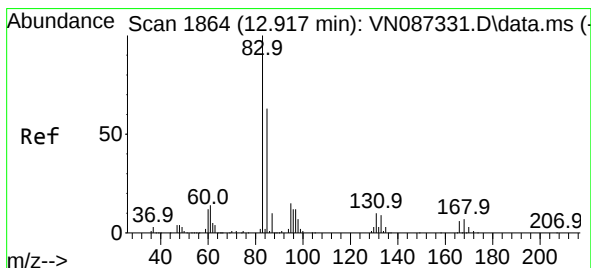
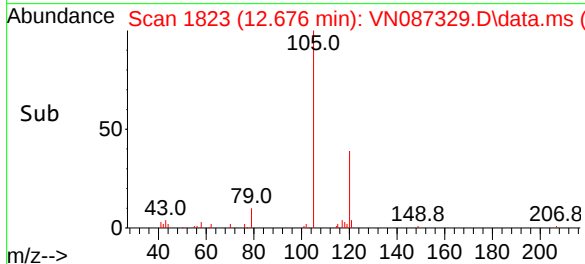
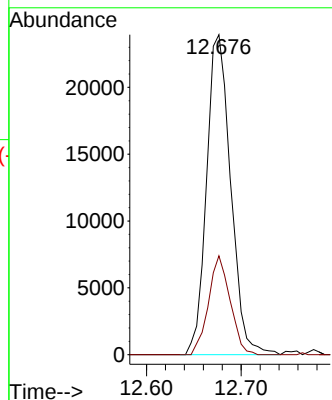
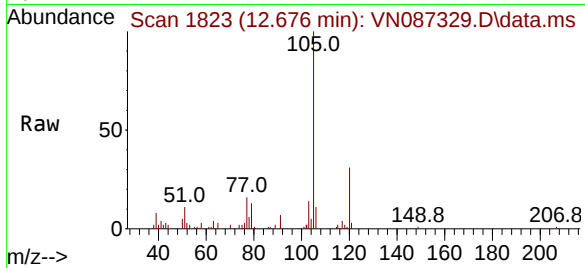




#73
Isopropylbenzene
Concen: 4.590 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

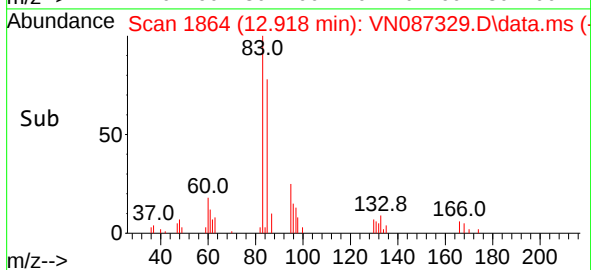
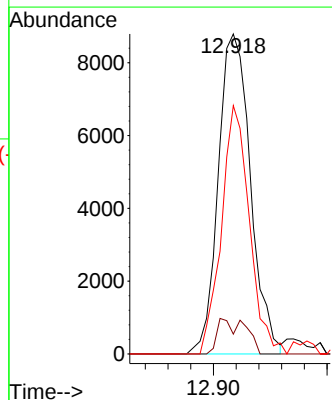
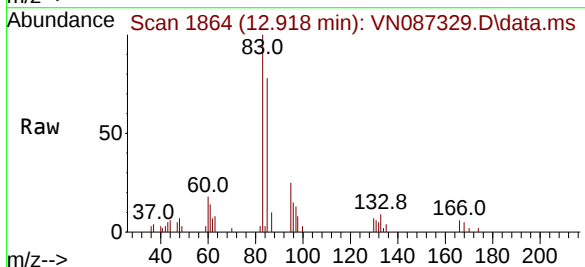
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

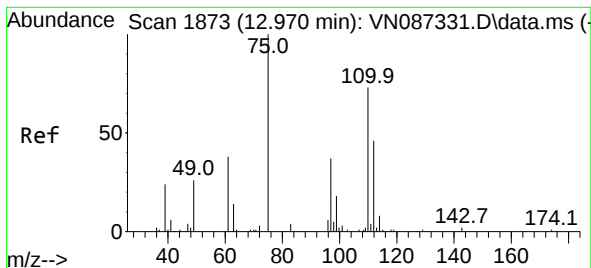
Tgt Ion:105 Resp: 42320
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#75
1,1,2,2-Tetrachloroethane
Concen: 4.988 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 83 Resp: 17305
Ion Ratio Lower Upper
83 100
131 5.3 5.1 15.3
85 67.4 32.5 97.4





#76

1,2,3-Trichloropropane

Concen: 7.116 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

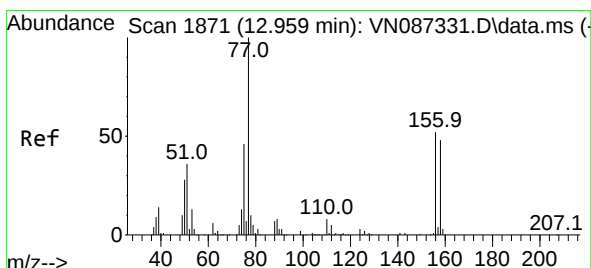
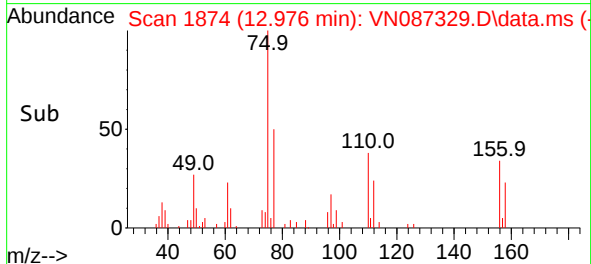
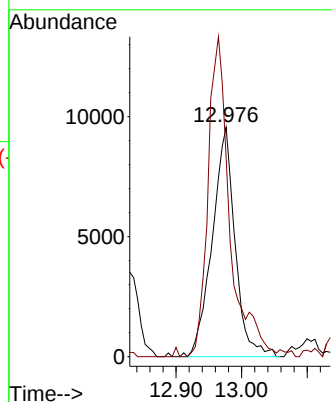
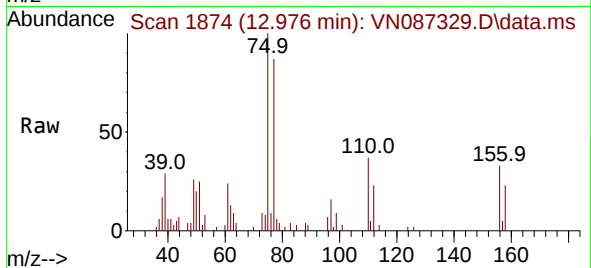
VSTDIC005

Tgt Ion: 75 Resp: 23127

Ion Ratio Lower Upper

75 100

77 133.5 94.5 283.6



#77

Bromobenzene

Concen: 4.847 ug/l

RT: 12.965 min Scan# 1872

Delta R.T. 0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

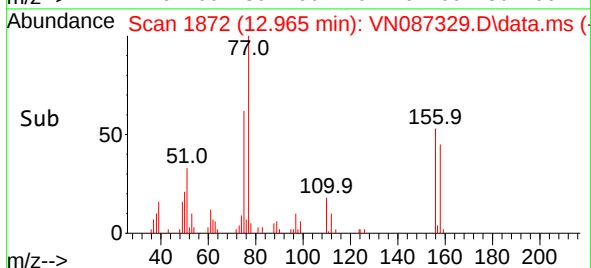
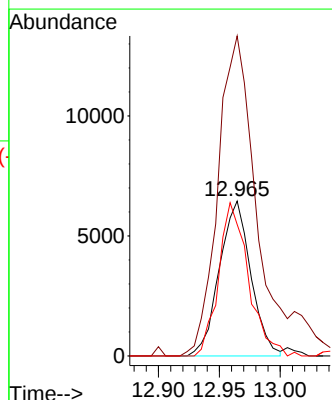
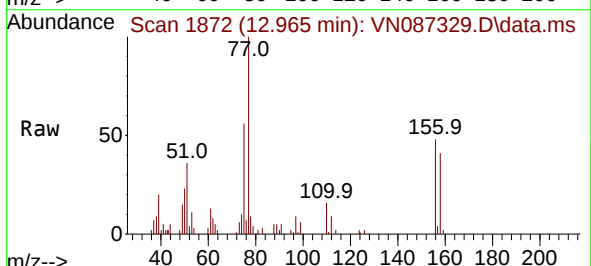
Tgt Ion:156 Resp: 11589

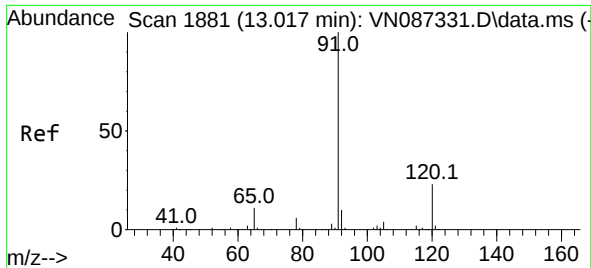
Ion Ratio Lower Upper

156 100

77 266.3 114.9 344.6

158 94.4 48.5 145.5

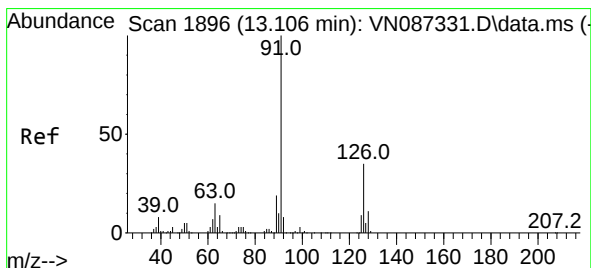
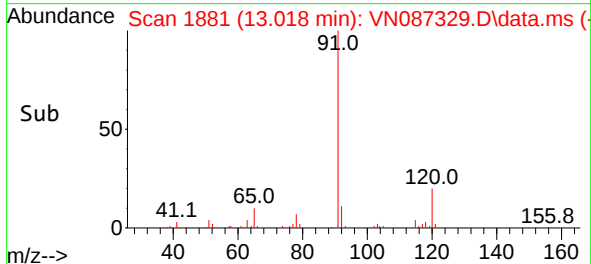
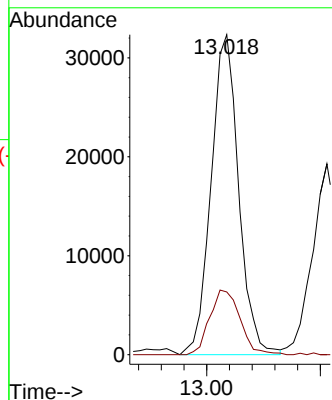
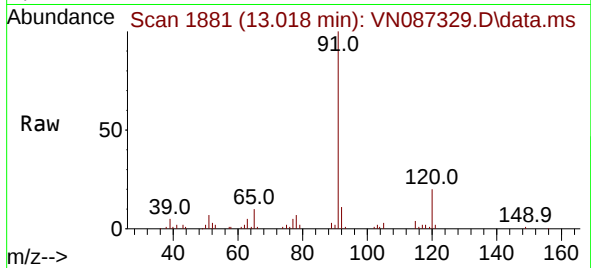




#78
n-propylbenzene
Concen: 4.693 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

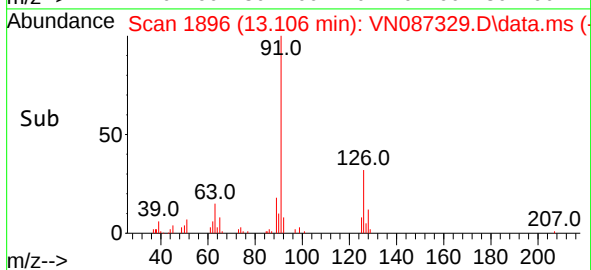
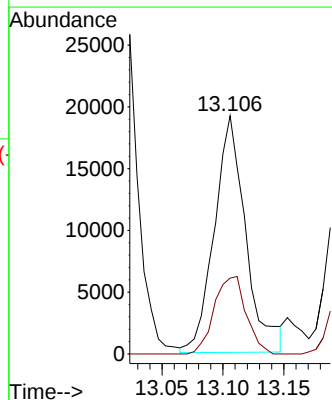
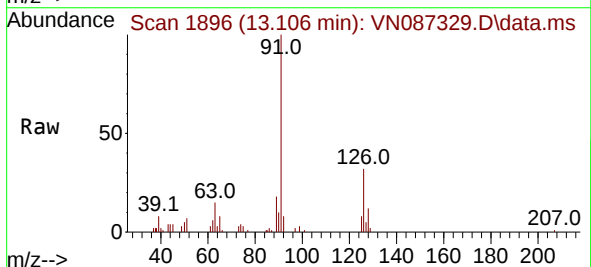
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

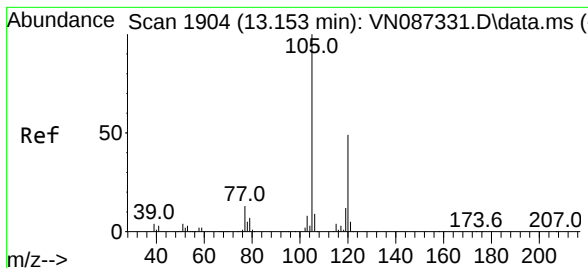
Tgt Ion: 91 Resp: 54443
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8



#79
2-Chlorotoluene
Concen: 4.825 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 91 Resp: 34400
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.6

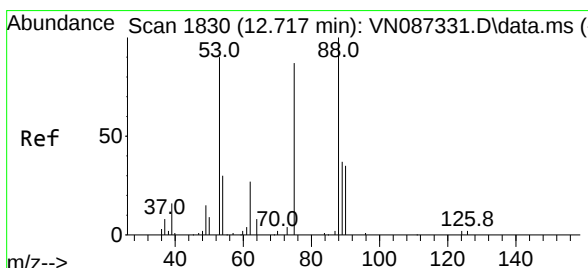
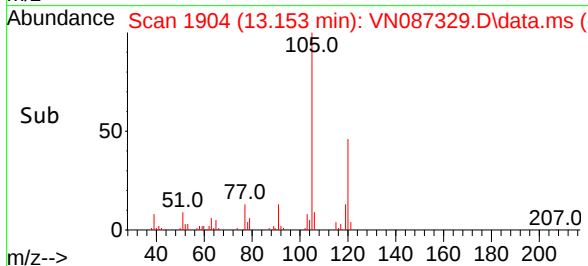
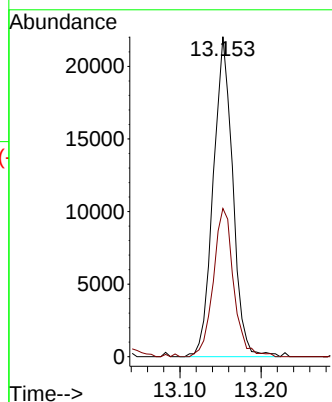
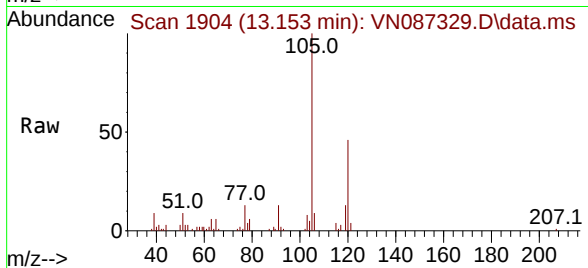




#80
 1,3,5-Trimethylbenzene
 Concen: 4.694 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

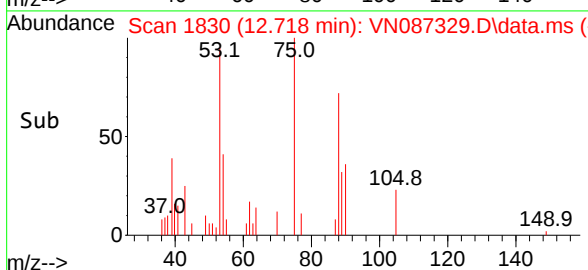
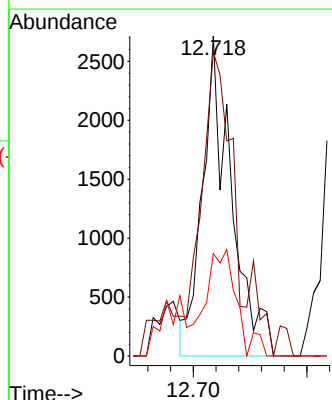
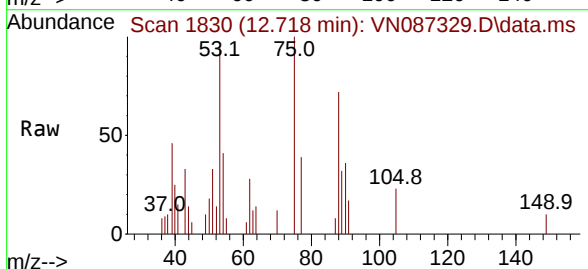
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

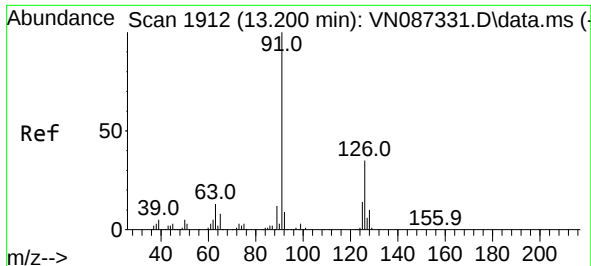
Tgt Ion:105 Resp: 36874
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.994 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 4795
 Ion Ratio Lower Upper
 75 100
 53 83.4 83.5 125.3#
 89 34.7 38.4 57.6#

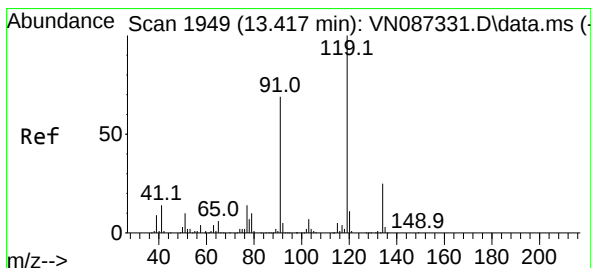
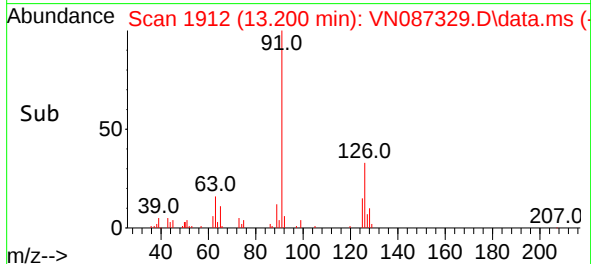
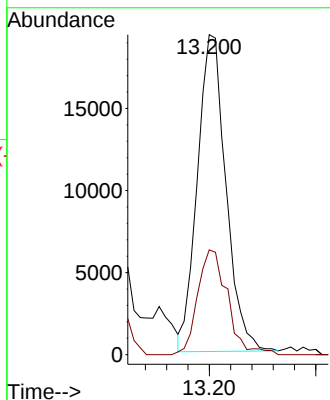
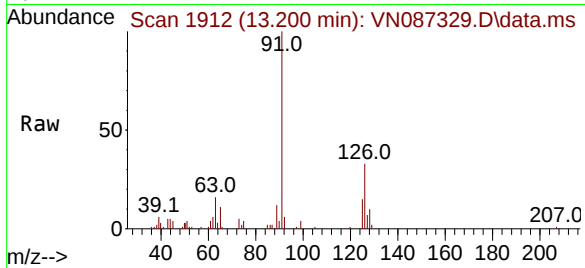




#82
4-Chlorotoluene
Concen: 4.854 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

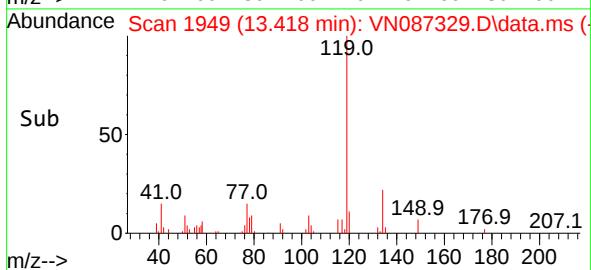
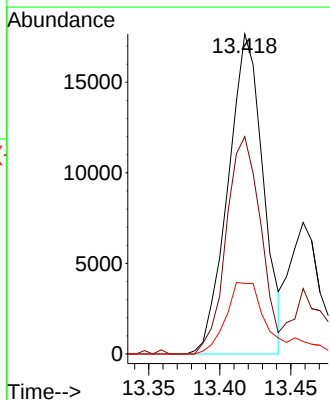
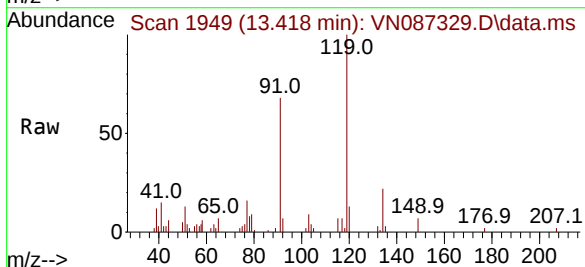
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

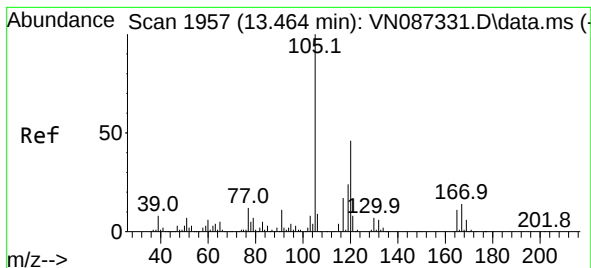
Tgt Ion: 91 Resp: 36031
Ion Ratio Lower Upper
91 100
126 34.5 16.6 49.7



#83
tert-Butylbenzene
Concen: 4.617 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 119 Resp: 30293
Ion Ratio Lower Upper
119 100
91 67.0 35.0 105.1
134 27.7 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 4.403 ug/l

RT: 13.465 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

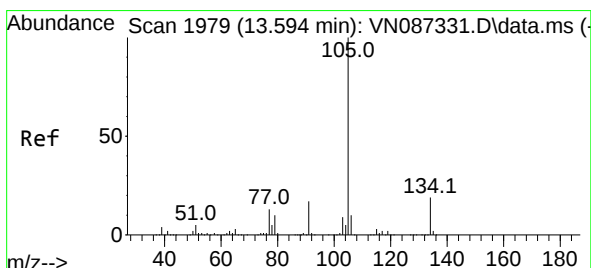
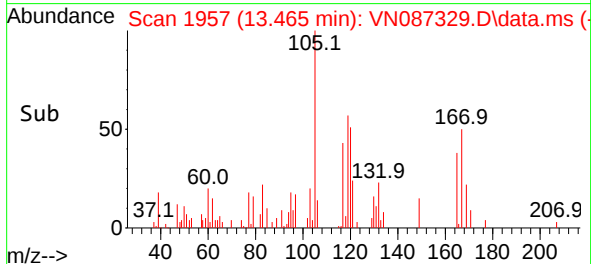
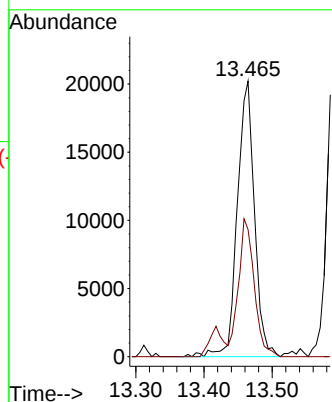
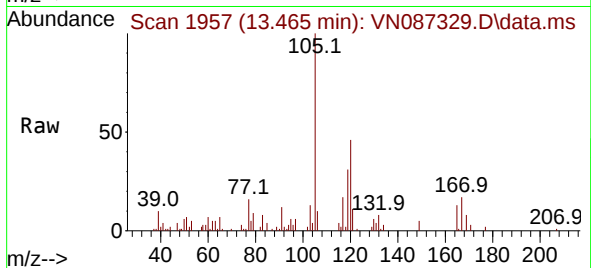
VSTDIC005

Tgt Ion:105 Resp: 35326

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3



#85

sec-Butylbenzene

Concen: 4.649 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087329.D

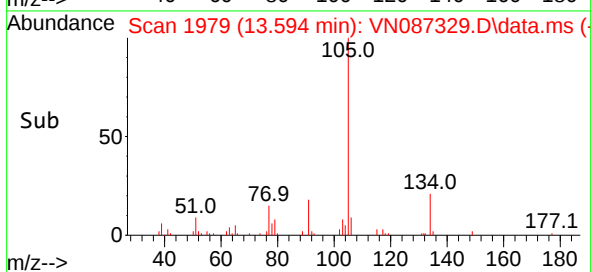
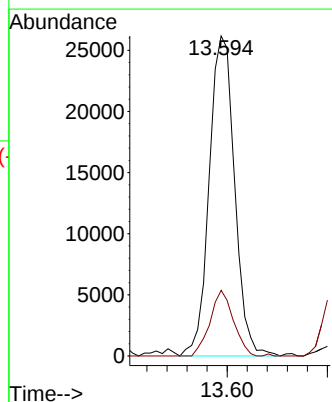
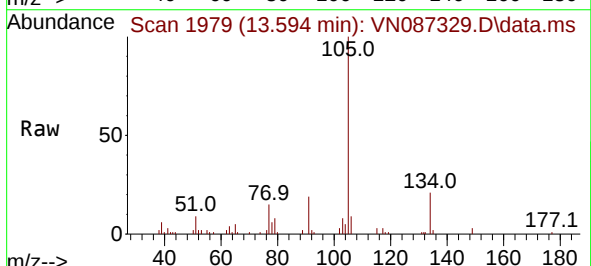
Acq: 16 Jul 2025 17:27

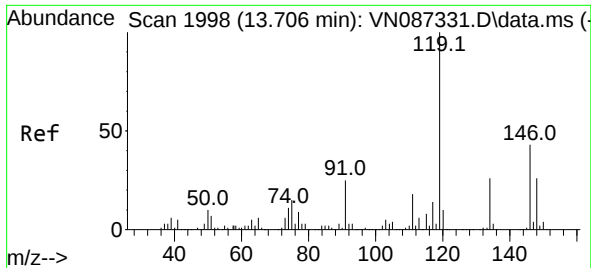
Tgt Ion:105 Resp: 45947

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4

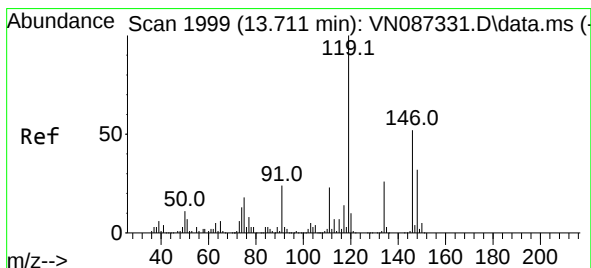
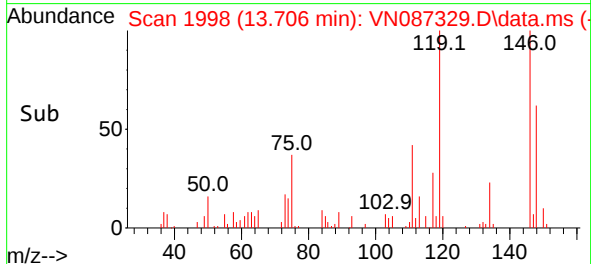
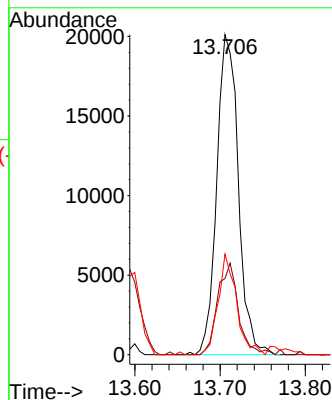
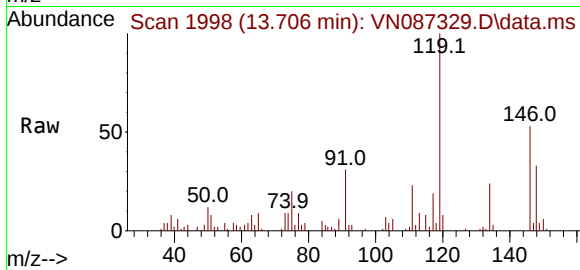




#86
p-Isopropyltoluene
Concen: 4.471 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

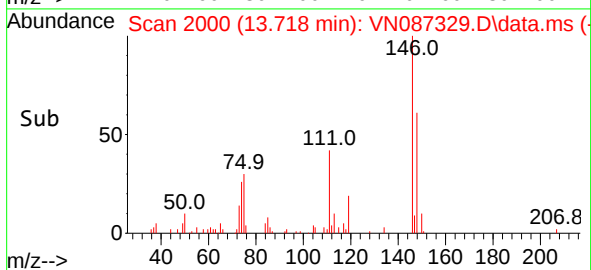
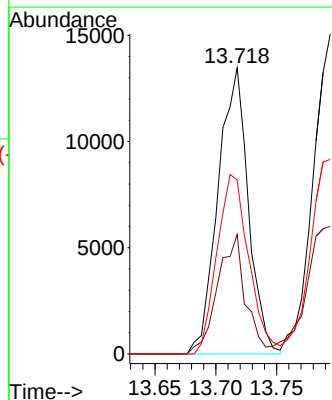
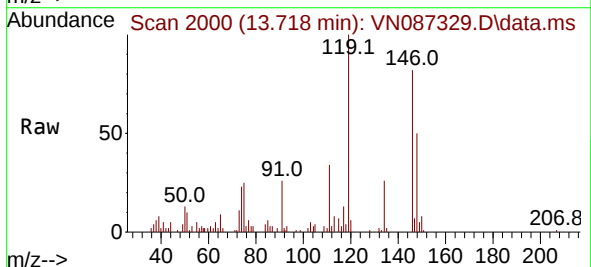
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

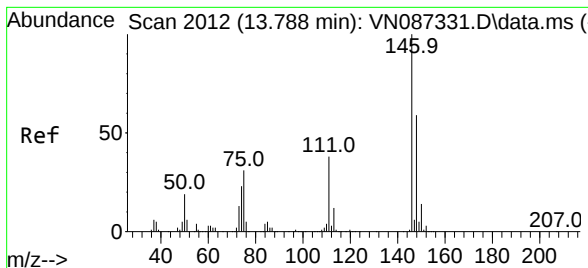
Tgt Ion:119 Resp: 35413
Ion Ratio Lower Upper
119 100
134 27.6 13.5 40.5
91 26.8 12.2 36.6



#87
1,3-Dichlorobenzene
Concen: 4.970 ug/l
RT: 13.718 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:146 Resp: 23326
Ion Ratio Lower Upper
146 100
111 38.8 21.4 64.3
148 66.1 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 4.994 ug/l

RT: 13.794 min Scan# 2012

Delta R.T. 0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

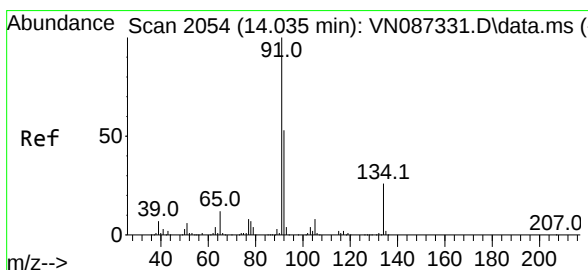
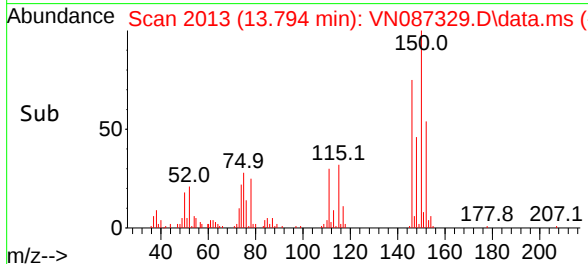
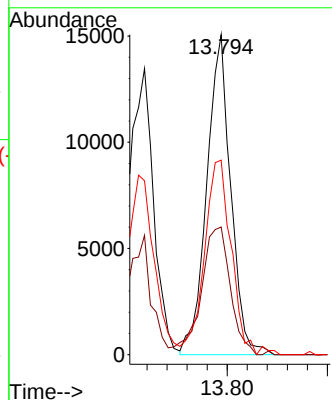
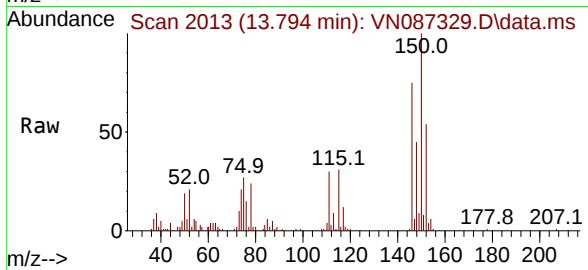
Tgt Ion:146 Resp: 25031

Ion Ratio Lower Upper

146 100

111 48.2 19.6 58.7

148 68.2 31.4 94.0



#89

n-Butylbenzene

Concen: 4.697 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

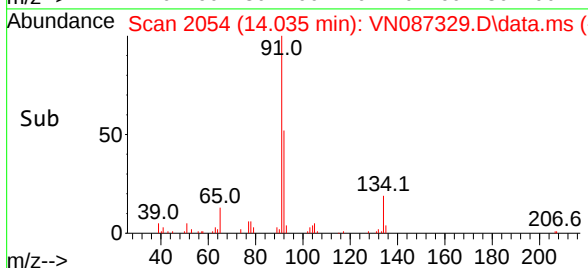
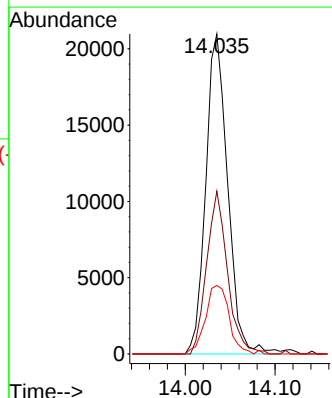
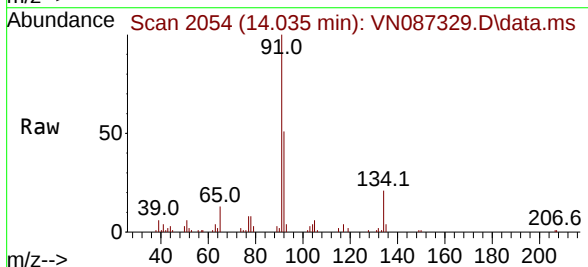
Tgt Ion: 91 Resp: 35522

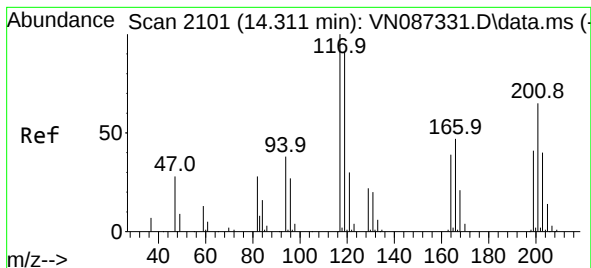
Ion Ratio Lower Upper

91 100

92 48.5 26.2 78.6

134 23.0 12.4 37.2





#90

Hexachloroethane

Concen: 4.923 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

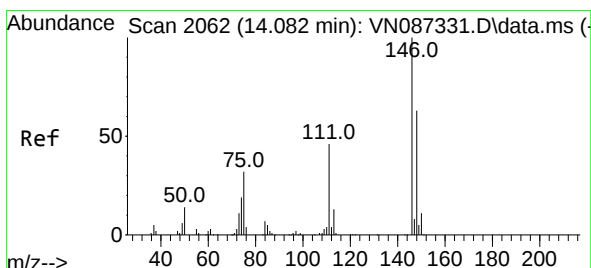
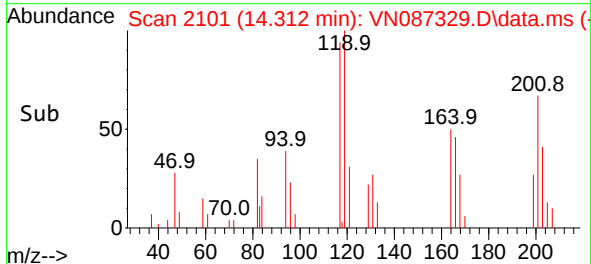
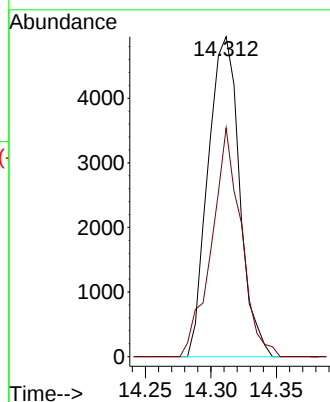
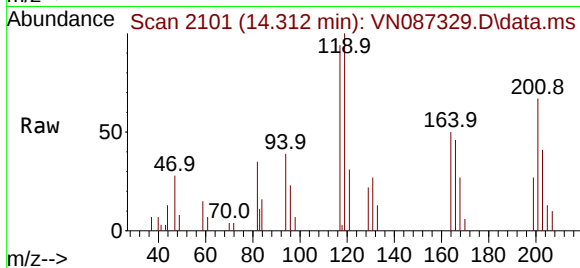
VSTDIC005

Tgt Ion:117 Resp: 8261

Ion Ratio Lower Upper

117 100

201 67.1 32.8 98.4



#91

1,2-Dichlorobenzene

Concen: 5.055 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

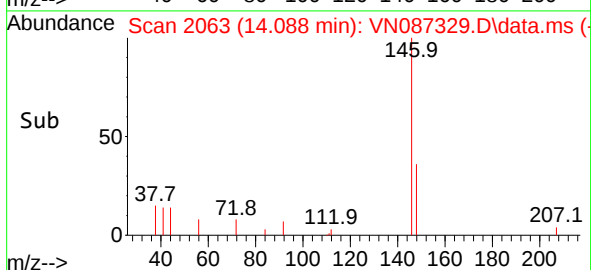
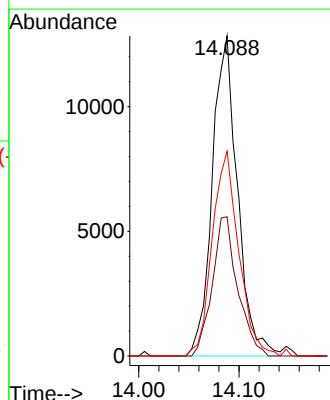
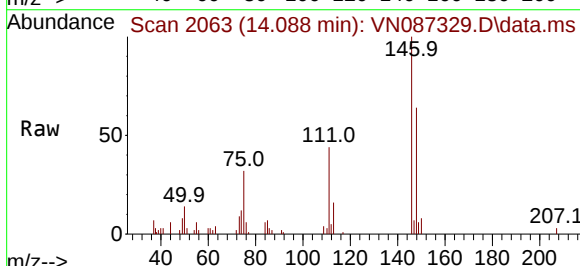
Tgt Ion:146 Resp: 22474

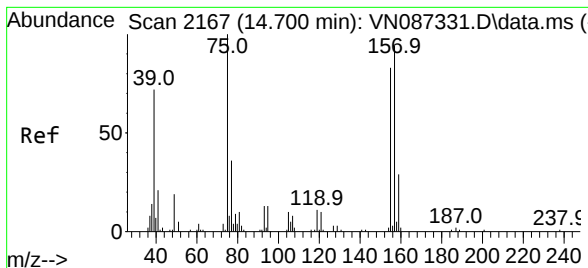
Ion Ratio Lower Upper

146 100

111 43.7 22.0 66.0

148 67.1 32.7 98.1

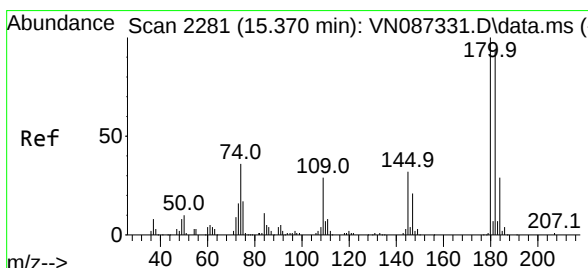
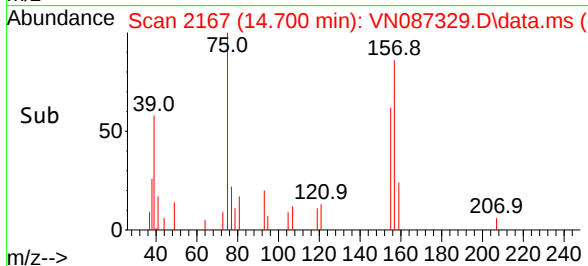
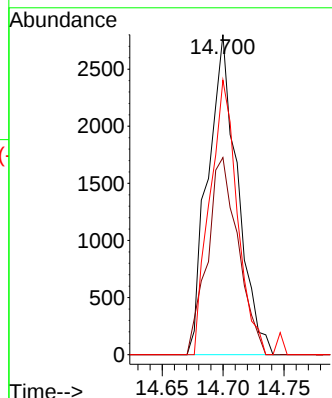
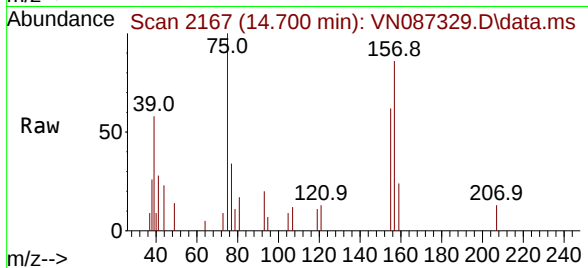




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.223 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

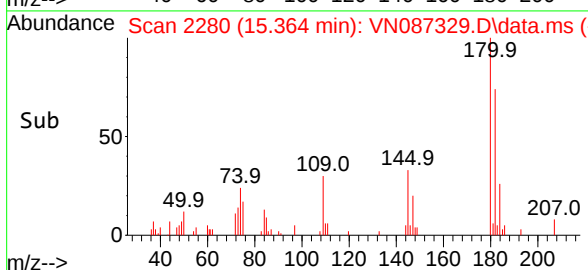
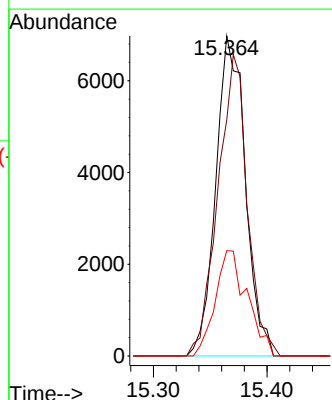
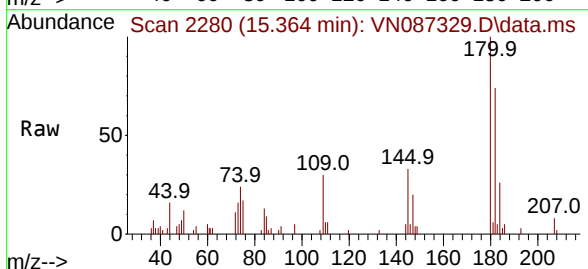
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

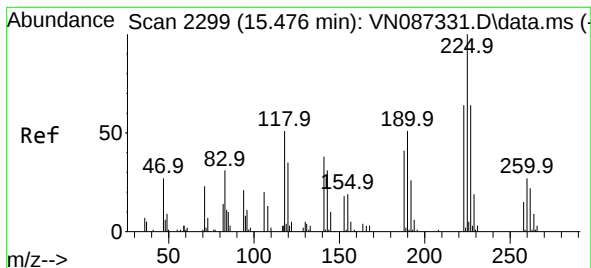
Tgt Ion: 75 Resp: 4757
Ion Ratio Lower Upper
75 100
155 63.8 37.3 111.8
157 79.5 46.2 138.6



#93
1,2,4-Trichlorobenzene
Concen: 4.823 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 180 Resp: 12595
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 35.6 15.4 46.4





#94

Hexachlorobutadiene

Concen: 5.087 ug/l

RT: 15.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

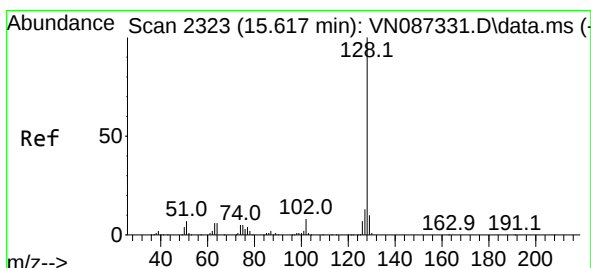
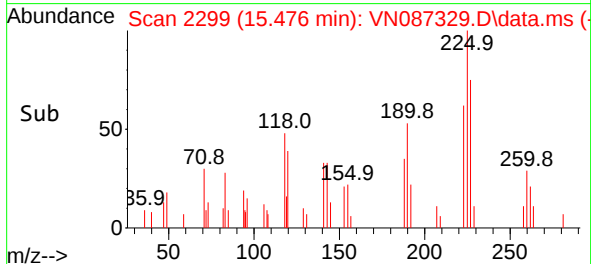
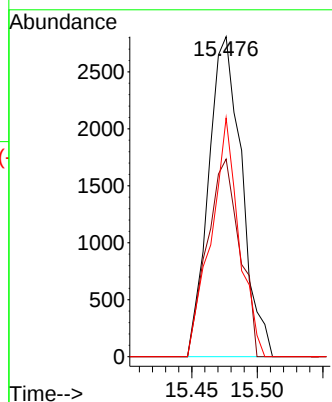
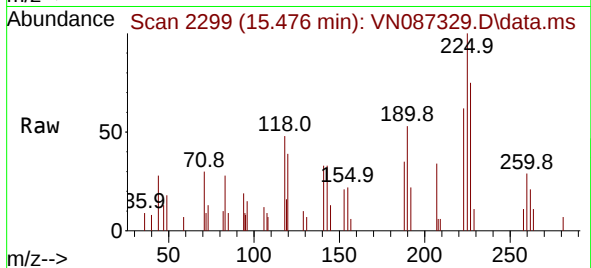
Tgt Ion:225 Resp: 4936

Ion Ratio Lower Upper

225 100

223 60.9 32.1 96.3

227 63.0 31.3 93.9



#95

Naphthalene

Concen: 4.208 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087329.D

Acq: 16 Jul 2025 17:27

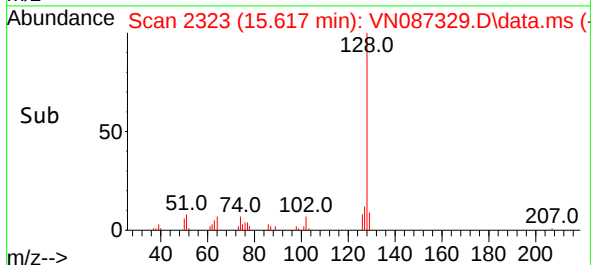
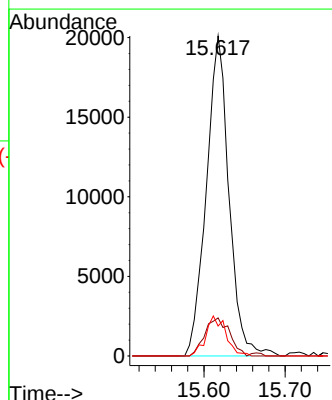
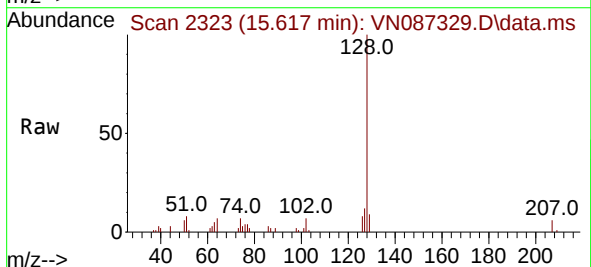
Tgt Ion:128 Resp: 38936

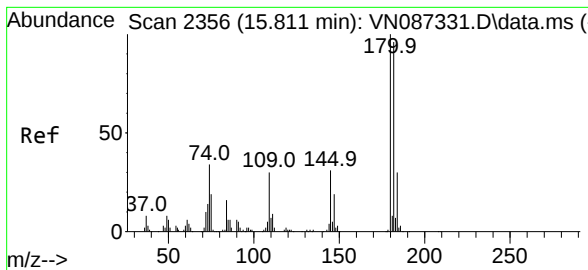
Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

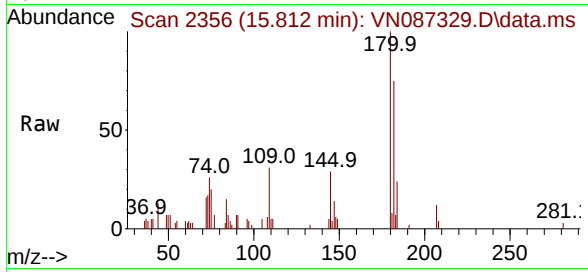
129 11.1 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 4.721 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087329.D
 Acq: 16 Jul 2025 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	12368
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.1	141.4
145	33.5	16.9	50.6

