

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088345.D
 Acq On : 24 Nov 2025 13:11
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 25 01:10:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:08:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	277017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	520222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	210682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	26416	5.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.540%#
35) Dibromofluoromethane	8.153	113	18802	5.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.540%#
50) Toluene-d8	10.547	98	64962	4.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.560%#
62) 4-Bromofluorobenzene	12.829	95	20929	4.383	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	8.760%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	18728	5.530	ug/l	78
3) Chloromethane	2.383	50	22161	5.630	ug/l	96
4) Vinyl Chloride	2.536	62	23377	5.542	ug/l	95
5) Bromomethane	2.971	94	11265	4.586	ug/l	89
6) Chloroethane	3.142	64	13946	4.694	ug/l	90
7) Trichlorofluoromethane	3.512	101	32404	4.974	ug/l	99
8) Diethyl Ether	3.959	74	12500	5.022	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	17577	5.203	ug/l	97
10) Methyl Iodide	4.577	142	13782	4.252	ug/l #	86
11) Tert butyl alcohol	5.524	59	20975	23.946	ug/l	98
12) 1,1-Dichloroethene	4.342	96	17186	4.802	ug/l #	75
13) Acrolein	4.171	56	20281	21.167	ug/l	95
14) Allyl chloride	5.006	41	31674	4.939	ug/l	98
15) Acrylonitrile	5.706	53	60208	25.303	ug/l	99
16) Acetone	4.424	43	49209	20.327	ug/l	97
17) Carbon Disulfide	4.695	76	56594	5.124	ug/l	98
18) Methyl Acetate	5.012	43	29034	5.519	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	62035	4.613	ug/l	96
20) Methylene Chloride	5.271	84	20834	4.915	ug/l #	80
21) trans-1,2-Dichloroethene	5.777	96	18495	4.671	ug/l	96
22) Diisopropyl ether	6.653	45	66886	4.963	ug/l	94
23) Vinyl Acetate	6.589	43	293917	24.634	ug/l	100
24) 1,1-Dichloroethane	6.547	63	39629	5.298	ug/l	98
25) 2-Butanone	7.465	43	74555	22.648	ug/l	97
26) 2,2-Dichloropropane	7.465	77	31387	4.669	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	22190	4.838	ug/l	96
28) Bromochloromethane	7.794	49	19995	5.723	ug/l	99
29) Tetrahydrofuran	7.824	42	54983	25.113	ug/l	100
30) Chloroform	7.953	83	37740	5.081	ug/l	99
31) Cyclohexane	8.241	56	40171	5.829	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	33772	5.154	ug/l #	85
36) 1,1-Dichloropropene	8.347	75	28193	5.368	ug/l	96
37) Ethyl Acetate	7.547	43	35286	5.054	ug/l	98
38) Carbon Tetrachloride	8.341	117	26194	4.839	ug/l	89
39) Methylcyclohexane	9.583	83	28179	4.292	ug/l	95
40) Benzene	8.588	78	80904	5.014	ug/l	91

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 ClientSampleId :
 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	16819	4.652	ug/l	95
42) 1,2-Dichloroethane	8.653	62	31962	5.480	ug/l	98
43) Isopropyl Acetate	8.677	43	52990	4.976	ug/l	99
44) Trichloroethene	9.335	130	20005	5.321	ug/l	89
45) 1,2-Dichloropropane	9.600	63	20897	5.101	ug/l	96
46) Dibromomethane	9.688	93	15209	5.195	ug/l	98
47) Bromodichloromethane	9.865	83	30479	5.198	ug/l #	91
48) Methyl methacrylate	9.665	41	22513	4.579	ug/l	95
49) 1,4-Dioxane	9.688	88	6435	103.870	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	160328	25.401	ug/l	100
52) Toluene	10.606	92	46057	4.673	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	28774	4.621	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	32170	4.869	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	18669	4.965	ug/l	96
56) Ethyl methacrylate	10.859	69	25089	4.184	ug/l	98
57) 1,3-Dichloropropane	11.141	76	33183	5.006	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	83959	26.251	ug/l	98
59) 2-Hexanone	11.182	43	78248	18.852	ug/l	96
60) Dibromochloromethane	11.335	129	20078	4.697	ug/l	96
61) 1,2-Dibromoethane	11.447	107	19090	4.919	ug/l	95
64) Tetrachloroethene	11.077	164	17642	5.552	ug/l	92
65) Chlorobenzene	11.871	112	51903	4.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	16899	4.842	ug/l	95
67) Ethyl Benzene	11.941	91	84509	4.556	ug/l	97
68) m/p-Xylenes	12.047	106	62717	9.044	ug/l	96
69) o-Xylene	12.382	106	28111	4.278	ug/l	94
70) Styrene	12.394	104	46583	4.327	ug/l	99
71) Bromoform	12.565	173	12418	4.774	ug/l #	98
73) Isopropylbenzene	12.676	105	74324	4.486	ug/l	96
74) N-amyl acetate	12.482	43	678	0.144	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.918	83	25666	4.956	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	35474	7.083	ug/l	73
77) Bromobenzene	12.959	156	18654	5.143	ug/l	93
78) n-propylbenzene	13.018	91	89952	4.455	ug/l	97
79) 2-Chlorotoluene	13.106	91	58975	5.072	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	62949	4.574	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.729	75	7483	4.106	ug/l #	78
82) 4-Chlorotoluene	13.200	91	59617	4.734	ug/l	97
83) tert-Butylbenzene	13.418	119	51988	4.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.465	105	59560	4.319	ug/l	99
85) sec-Butylbenzene	13.594	105	76137	4.278	ug/l	99
86) p-Isopropyltoluene	13.706	119	59155	4.127	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	33144	4.633	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	38453	4.987	ug/l	93
89) n-Butylbenzene	14.035	91	56132	3.979	ug/l	99
90) Hexachloroethane	14.312	117	11594	4.214	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	33169	4.804	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	5979	4.862	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	18203	4.379	ug/l	99
94) Hexachlorobutadiene	15.476	225	6667	4.376	ug/l	95
95) Naphthalene	15.617	128	60329	4.195	ug/l	98
96) 1,2,3-Trichlorobenzene	15.817	180	17918	4.465	ug/l	96

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MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

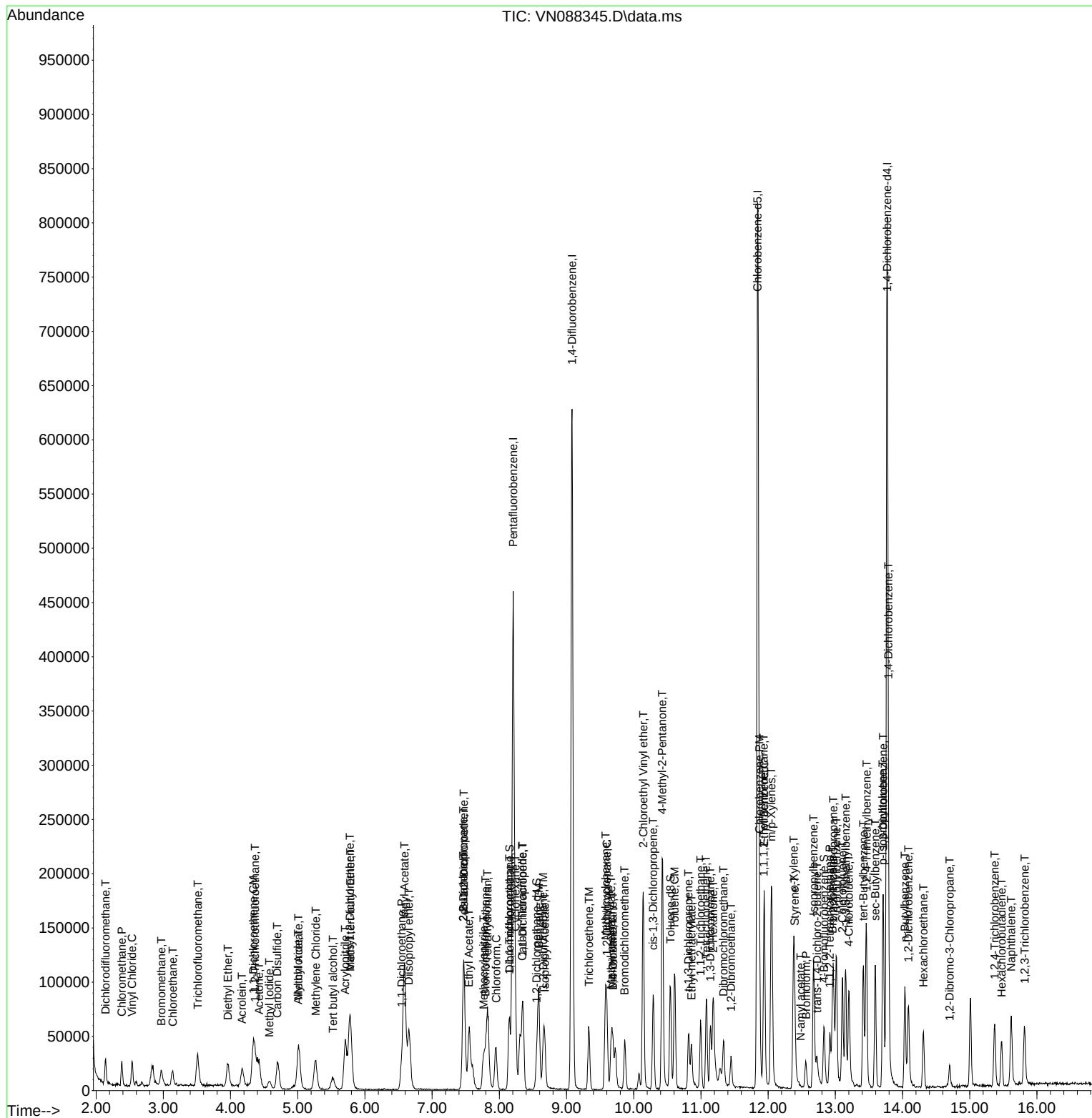
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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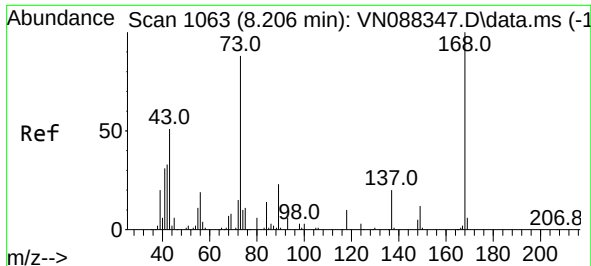
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN088345.D
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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Title : SW846 8260
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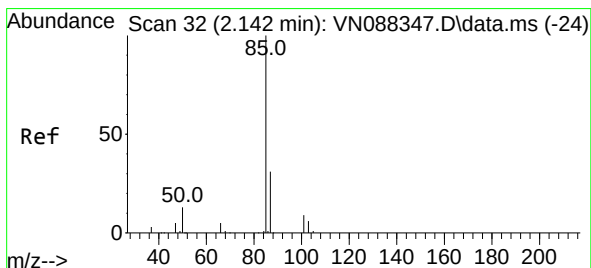
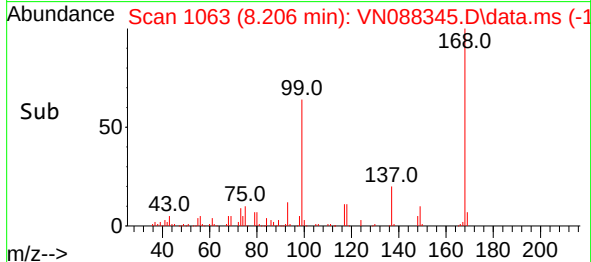
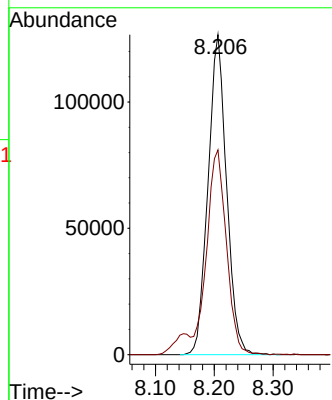
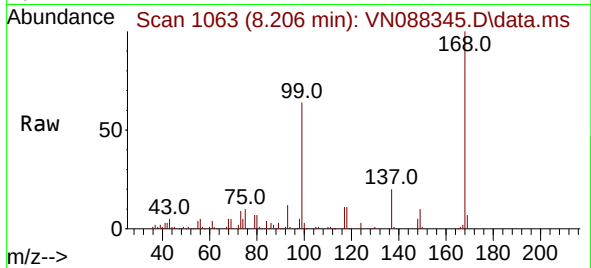




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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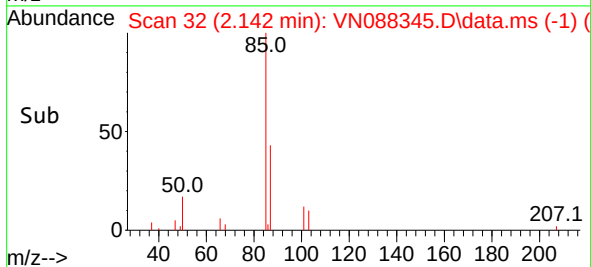
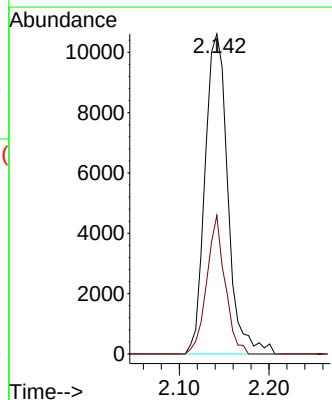
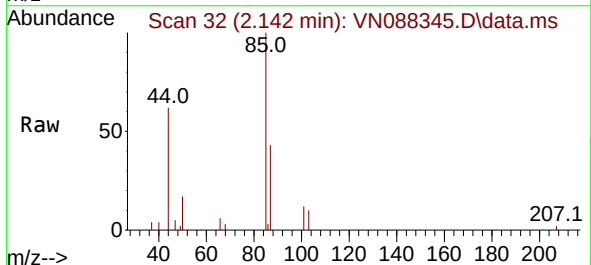
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

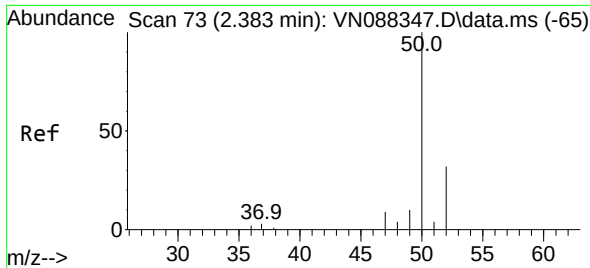
Tgt Ion:168 Resp: 277017
Ion Ratio Lower Upper
168 100
99 63.8 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 5.530 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 85 Resp: 18728
Ion Ratio Lower Upper
85 100
87 43.3 15.6 46.7

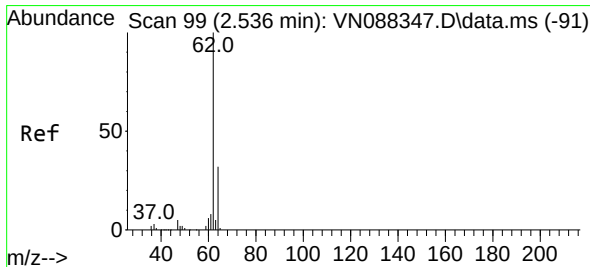
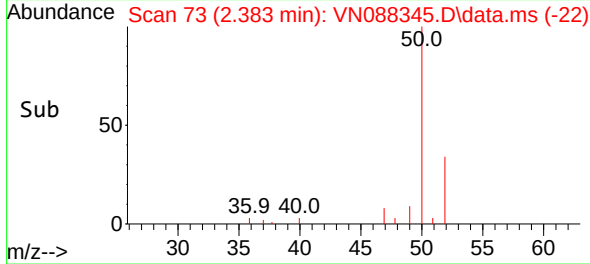
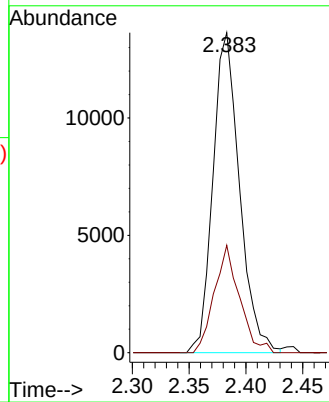
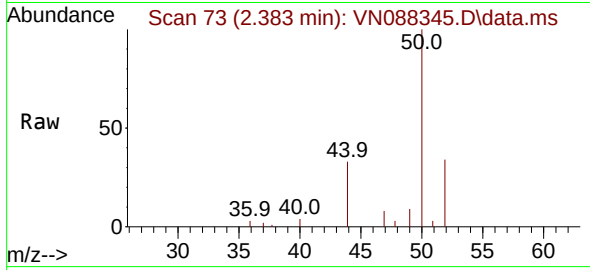




#3
Chloromethane
Concen: 5.630 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

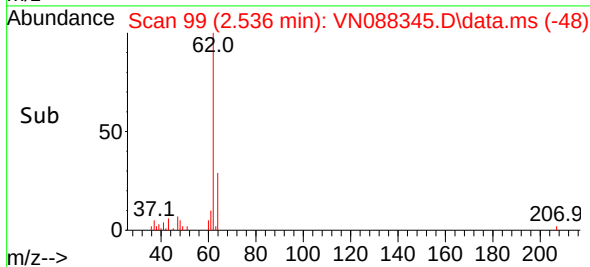
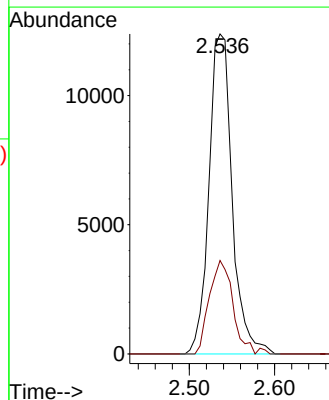
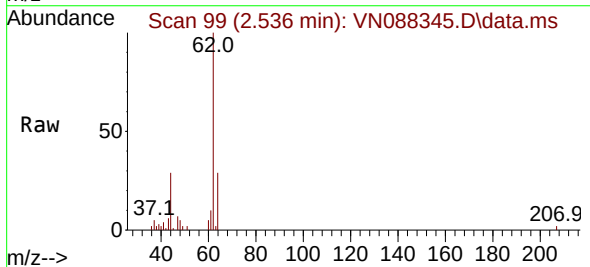
Instrument :
MSVOA_N
ClientSampleId :
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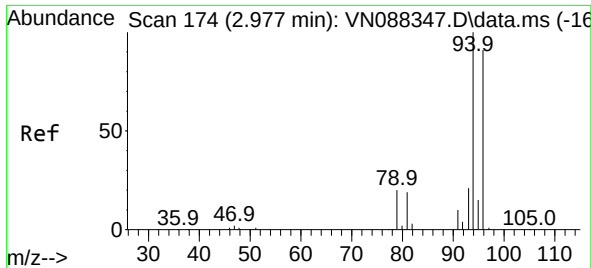
Tgt Ion: 50 Resp: 22161
Ion Ratio Lower Upper
50 100
52 33.6 25.2 37.8



#4
Vinyl Chloride
Concen: 5.542 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 62 Resp: 23377
Ion Ratio Lower Upper
62 100
64 29.2 25.4 38.2

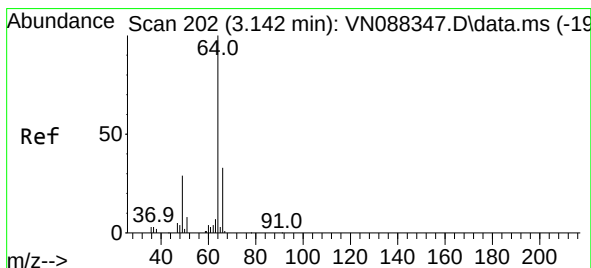
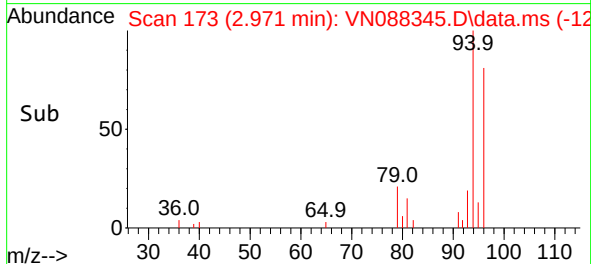
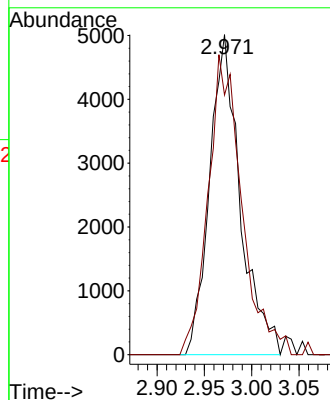
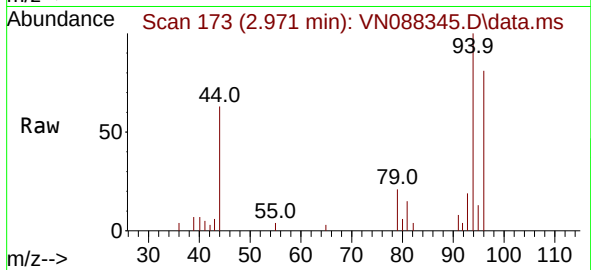




#5
Bromomethane
Concen: 4.586 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

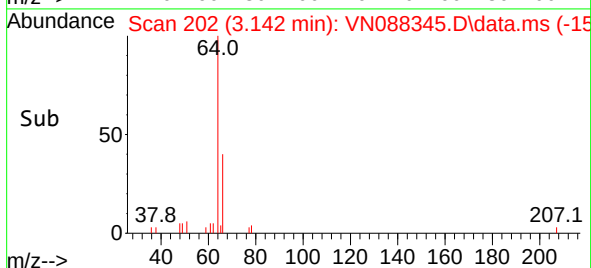
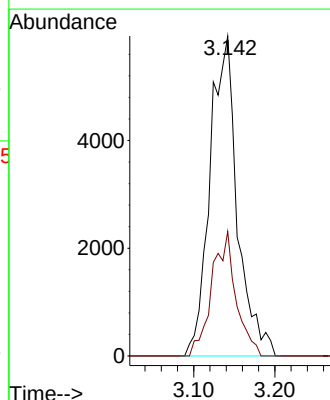
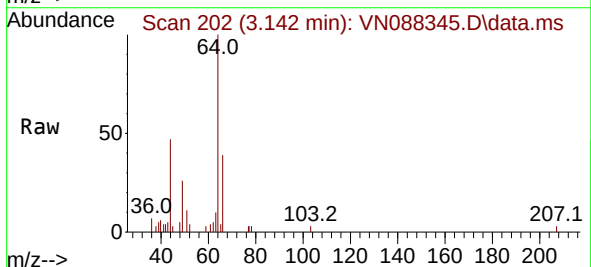
Instrument :
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ClientSampleId :
VSTDIC005

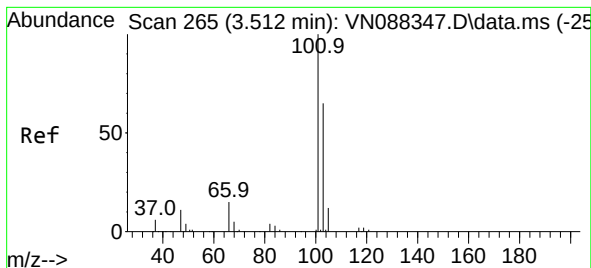
Tgt Ion: 94 Resp: 11265
Ion Ratio Lower Upper
94 100
96 81.1 73.2 109.8



#6
Chloroethane
Concen: 4.694 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 64 Resp: 13946
Ion Ratio Lower Upper
64 100
66 38.9 26.4 39.6





#7

Trichlorofluoromethane

Concen: 4.974 ug/l

RT: 3.512 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

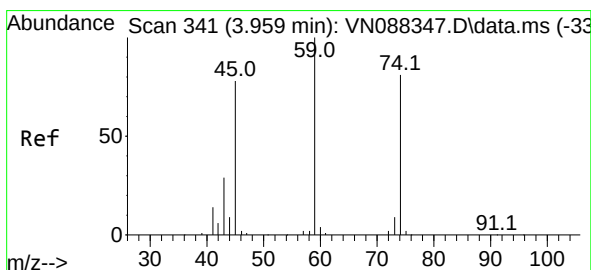
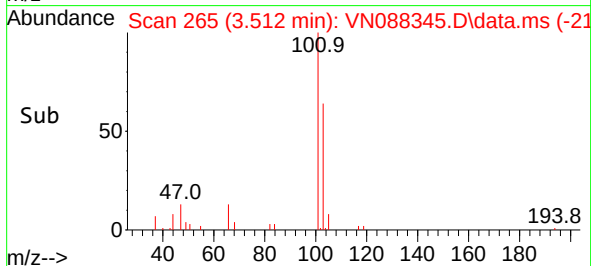
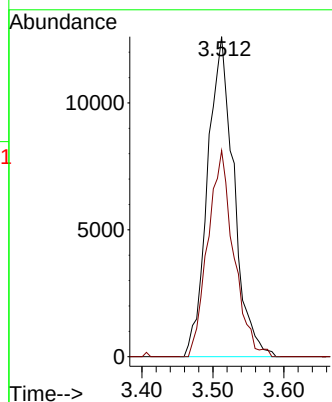
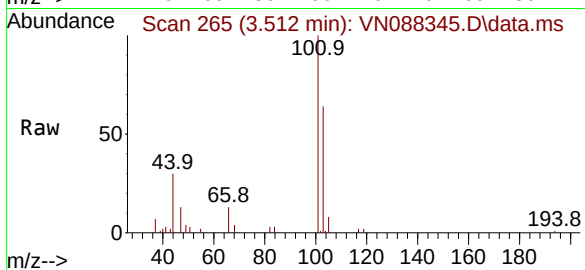
VSTDICC005

Tgt Ion:101 Resp: 32404

Ion Ratio Lower Upper

101 100

103 64.4 52.3 78.5



#8

Diethyl Ether

Concen: 5.022 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN088345.D

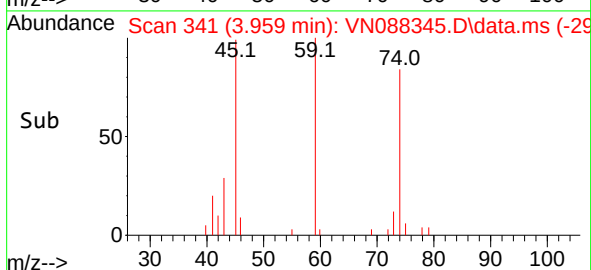
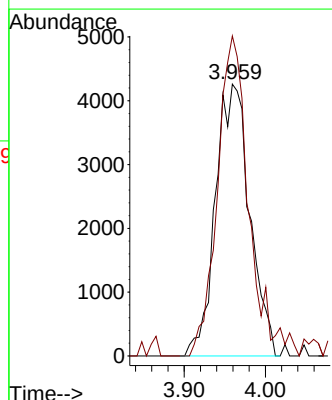
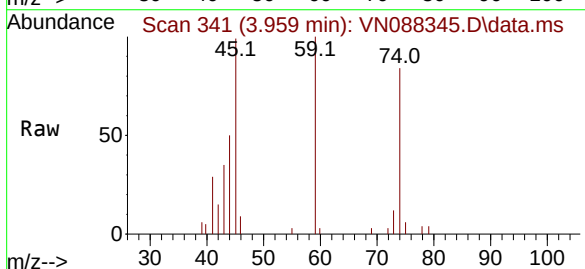
Acq: 24 Nov 2025 13:11

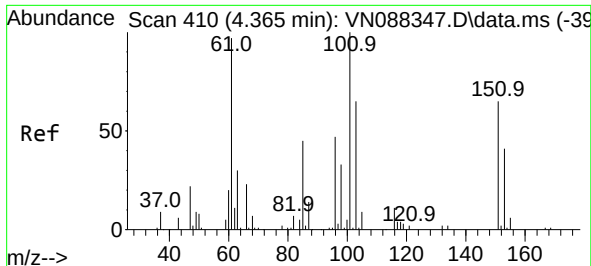
Tgt Ion: 74 Resp: 12500

Ion Ratio Lower Upper

74 100

45 104.6 54.2 162.6

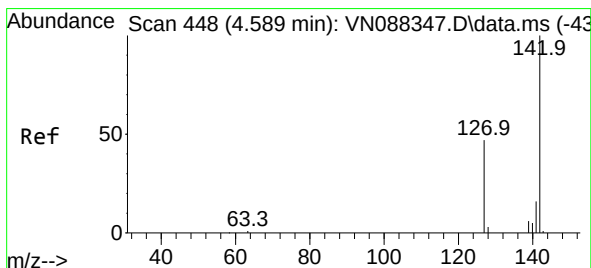
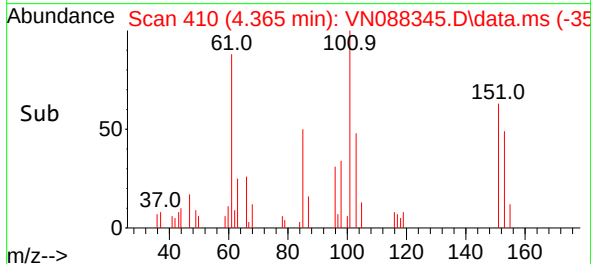
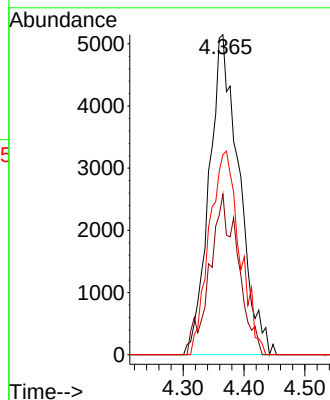
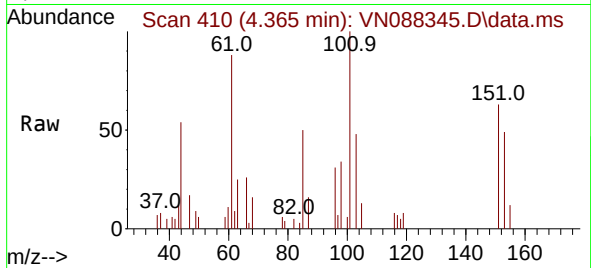




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.203 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

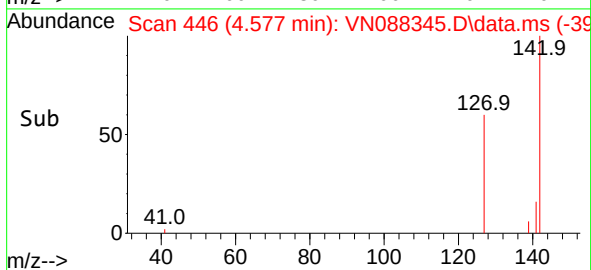
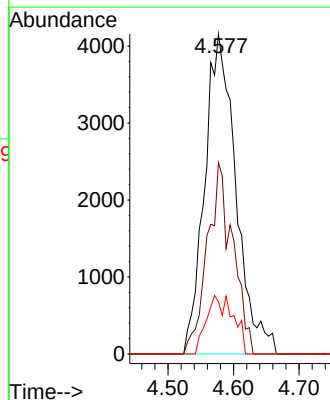
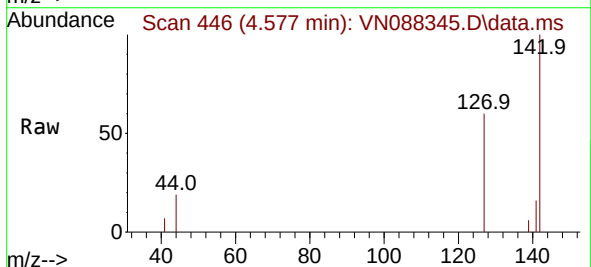
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

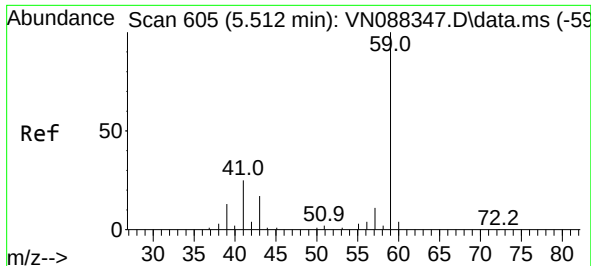
Tgt Ion:	101	Resp:	17577
Ion	Ratio	Lower	Upper
101	100		
85	47.6	39.2	58.8
151	64.7	53.6	80.4



#10
Methyl Iodide
Concen: 4.252 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:	142	Resp:	13782
Ion	Ratio	Lower	Upper
142	100		
127	59.8	37.9	56.9#
141	16.4	12.4	18.6

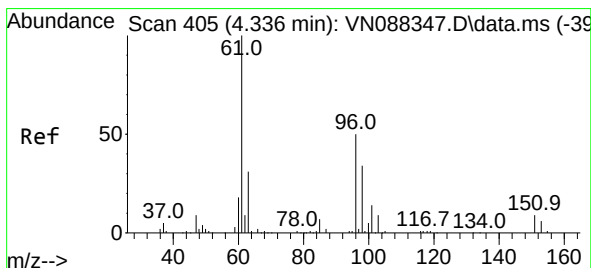
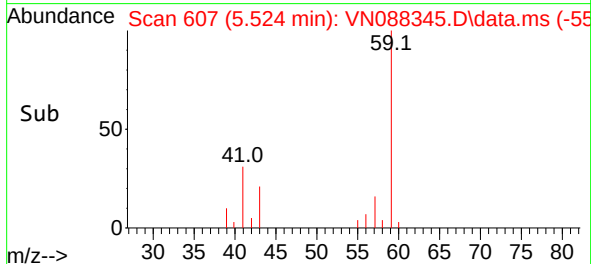
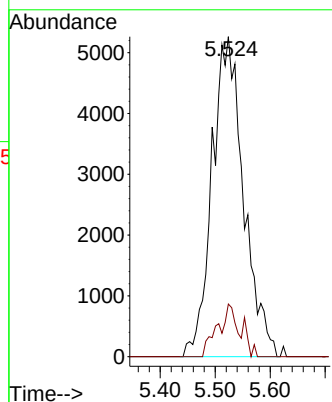
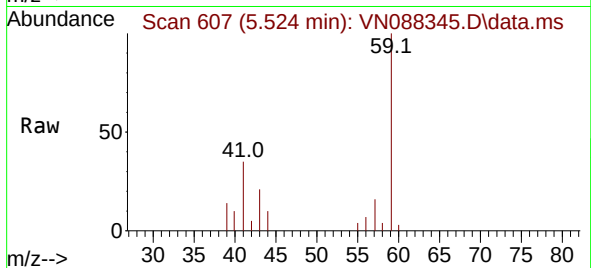




#11
Tert butyl alcohol
Concen: 23.946 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

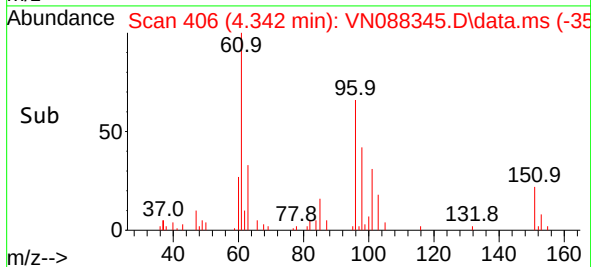
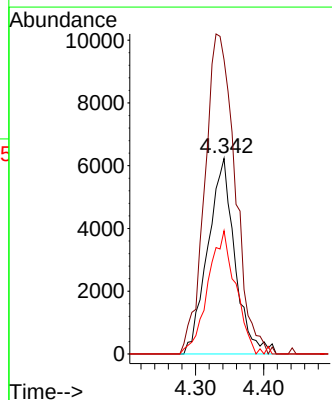
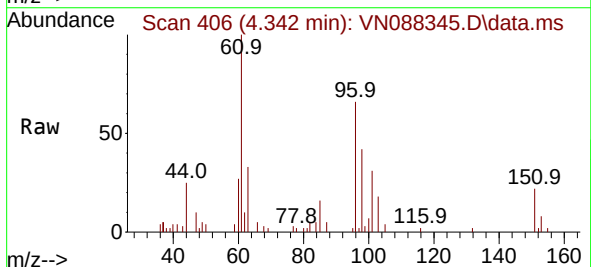
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

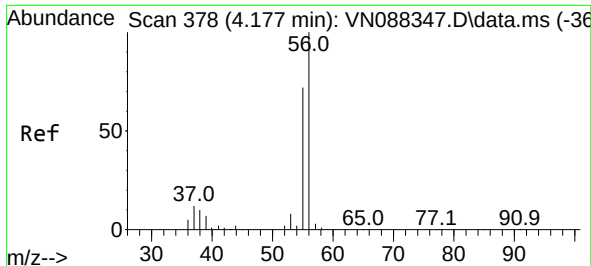
Tgt Ion: 59 Resp: 20975
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 4.802 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 96 Resp: 17186
Ion Ratio Lower Upper
96 100
61 150.5 159.1 238.7#
98 63.0 53.7 80.5

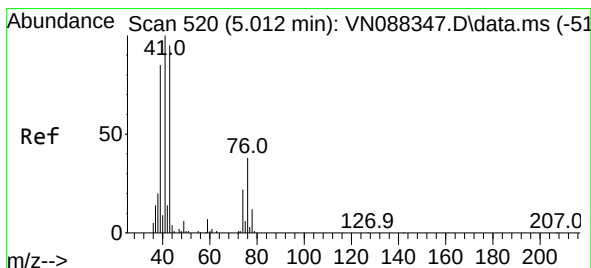
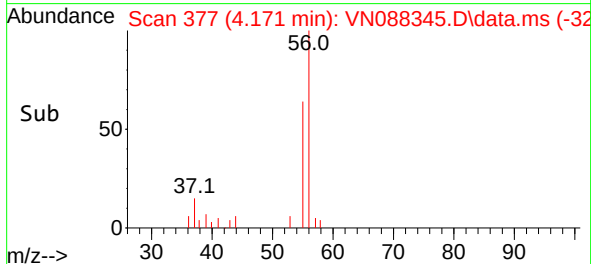
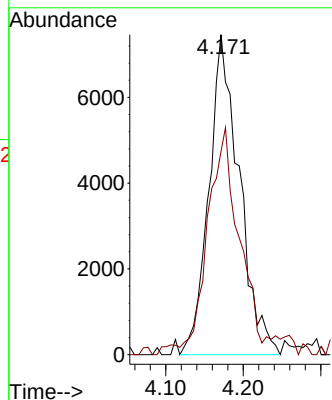
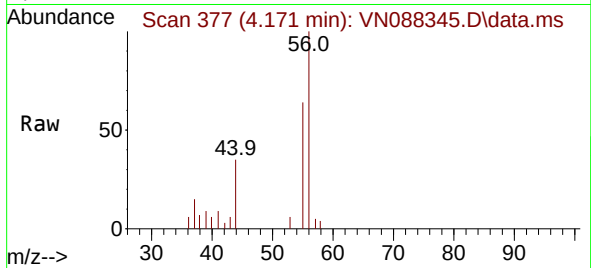




#13
Acrolein
Concen: 21.167 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

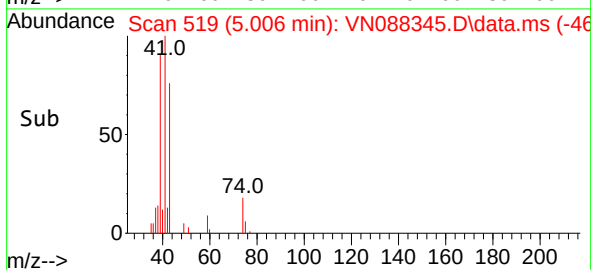
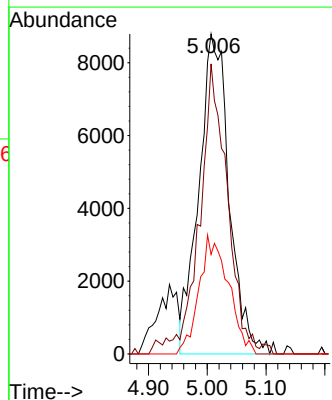
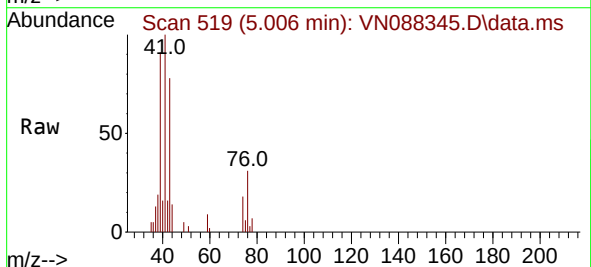
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

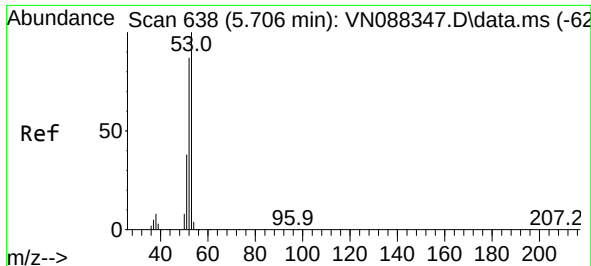
Tgt Ion: 56 Resp: 20281
Ion Ratio Lower Upper
56 100
55 74.2 56.3 84.5



#14
Allyl chloride
Concen: 4.939 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 41 Resp: 31674
Ion Ratio Lower Upper
41 100
39 82.8 64.7 97.1
76 35.6 29.1 43.7

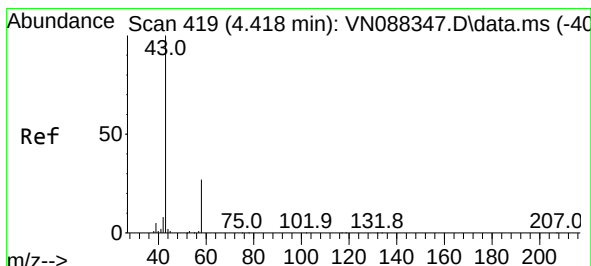
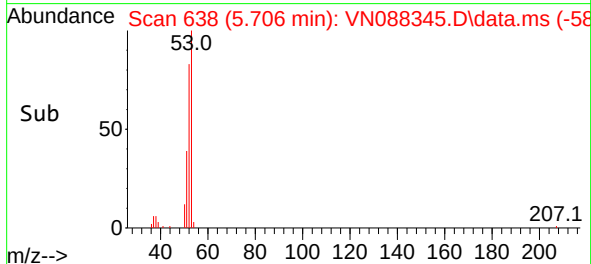
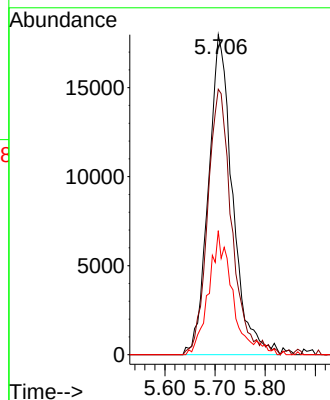
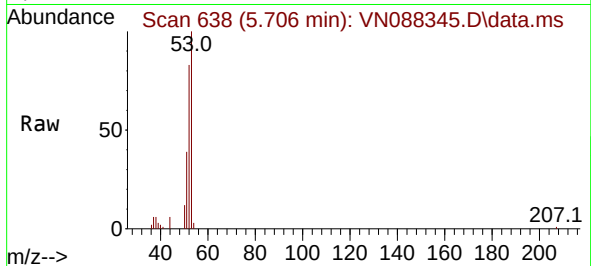




#15
Acrylonitrile
Concen: 25.303 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

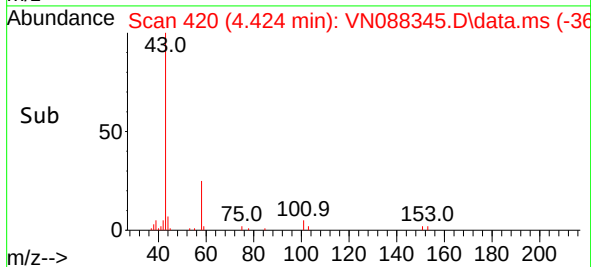
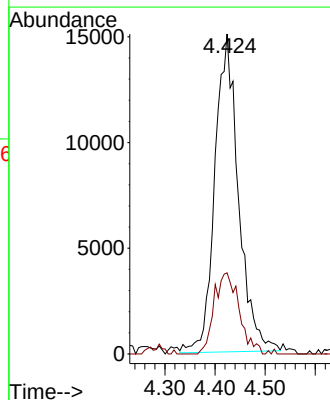
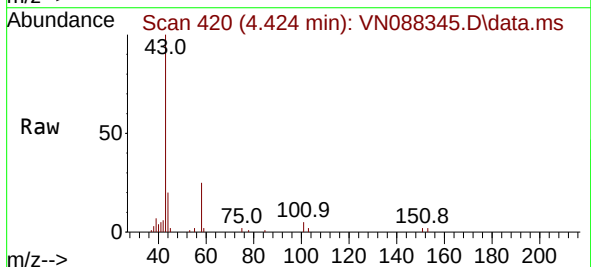
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

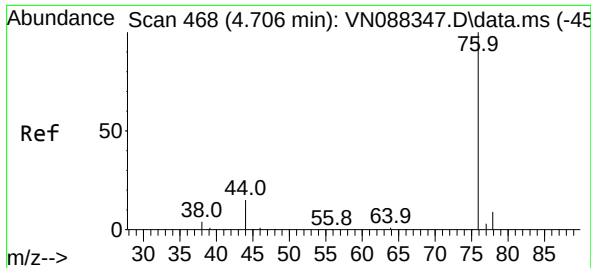
Tgt Ion: 53 Resp: 60208
Ion Ratio Lower Upper
53 100
52 83.3 67.8 101.6
51 36.5 29.8 44.8



#16
Acetone
Concen: 20.327 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 43 Resp: 49209
Ion Ratio Lower Upper
43 100
58 25.6 21.7 32.5

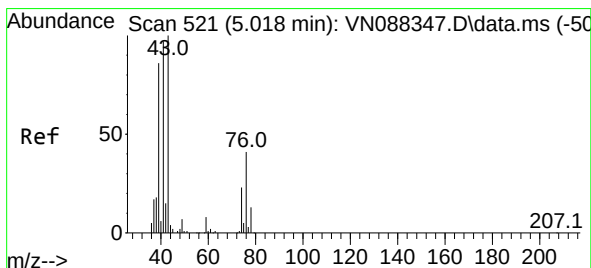
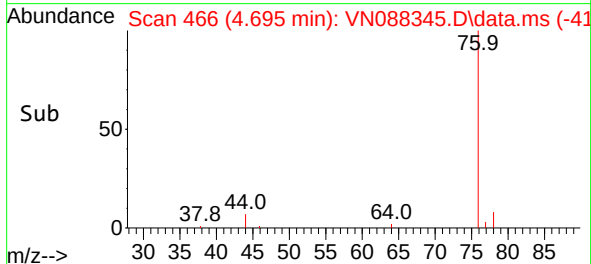
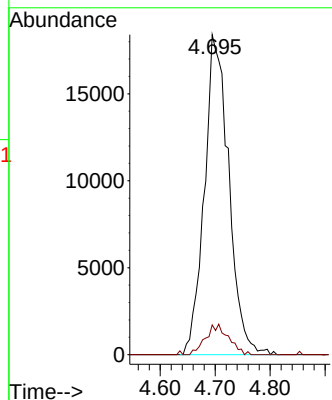
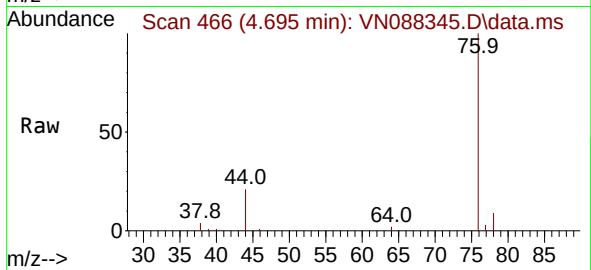




#17
Carbon Disulfide
Concen: 5.124 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

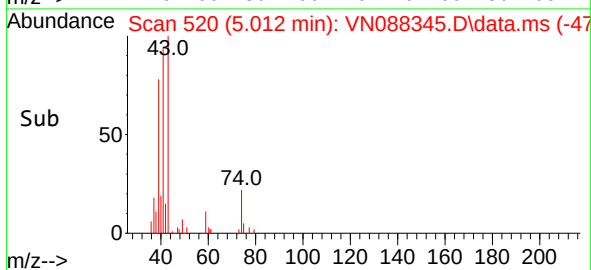
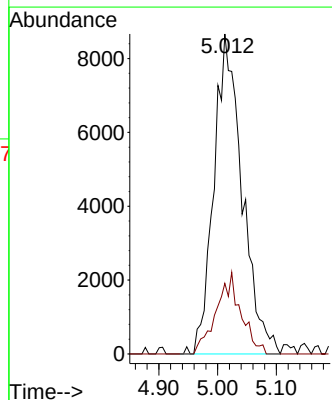
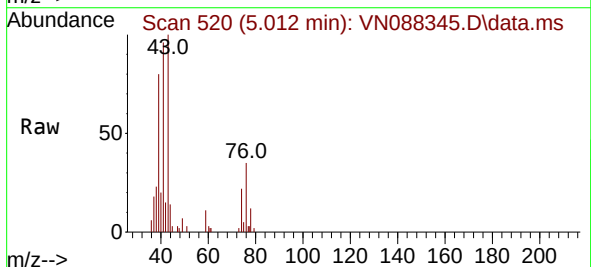
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

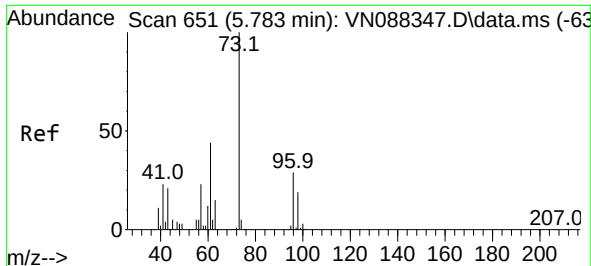
Tgt Ion: 76 Resp: 56594
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 5.519 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 43 Resp: 29034
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9

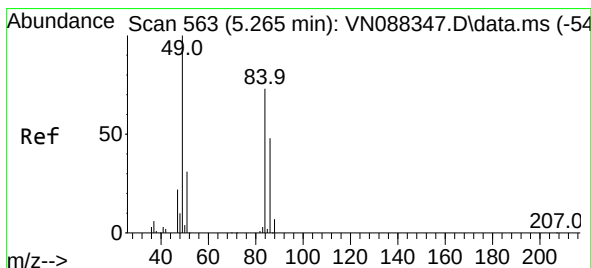
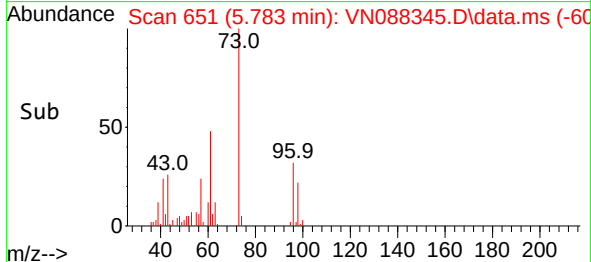
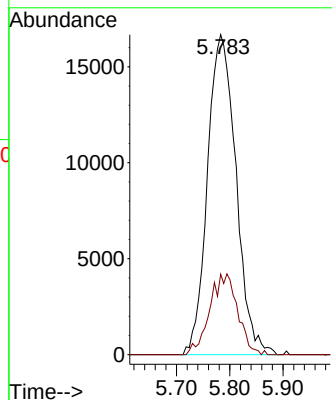
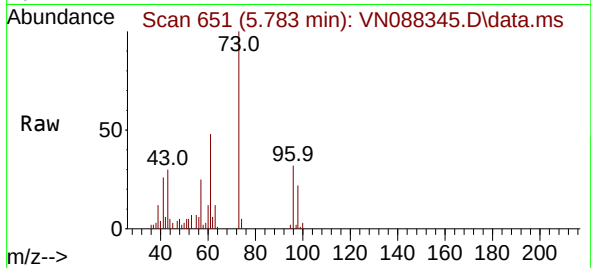




#19
Methyl tert-butyl Ether
Concen: 4.613 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

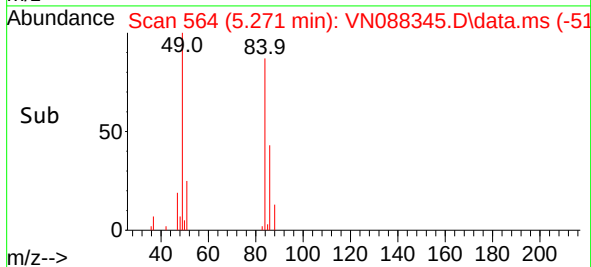
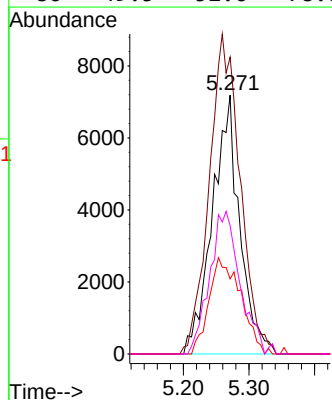
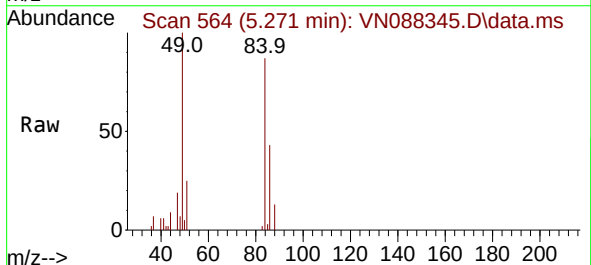
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

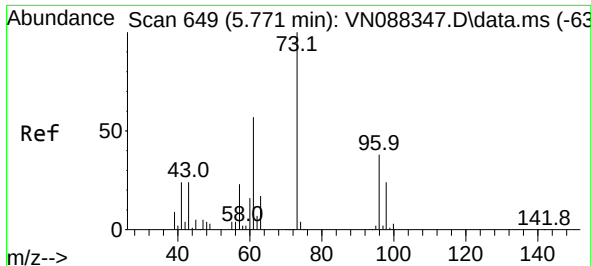
Tgt Ion: 73 Resp: 62035
Ion Ratio Lower Upper
73 100
57 25.2 18.6 28.0



#20
Methylene Chloride
Concen: 4.915 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 84 Resp: 20834
Ion Ratio Lower Upper
84 100
49 114.6 110.2 165.2
51 29.0 34.1 51.1#
86 49.5 52.6 78.8#

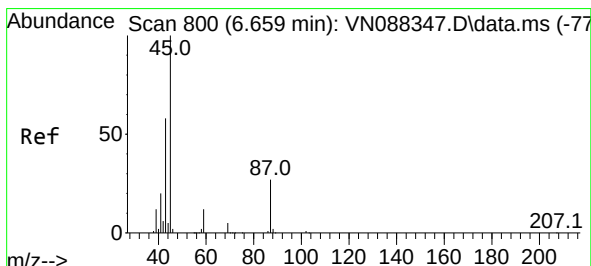
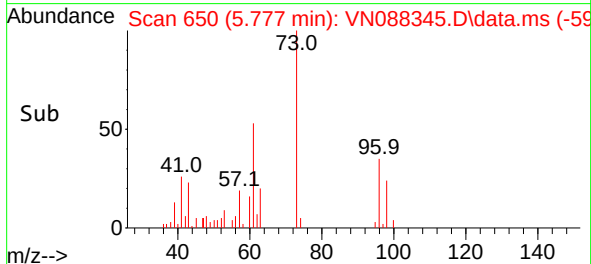
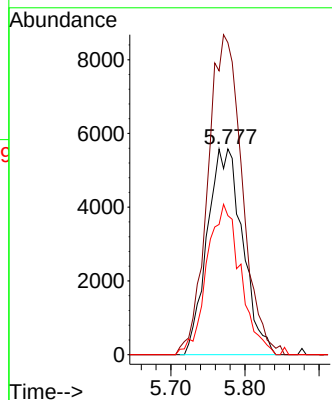
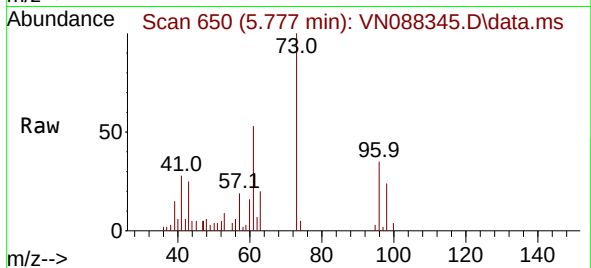




#21
trans-1,2-Dichloroethene
Concen: 4.671 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

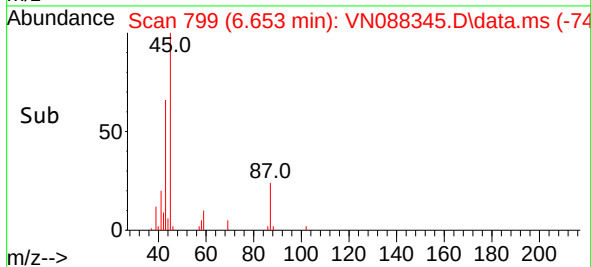
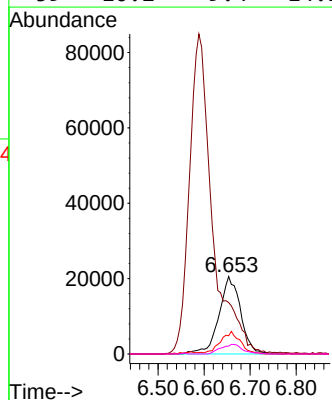
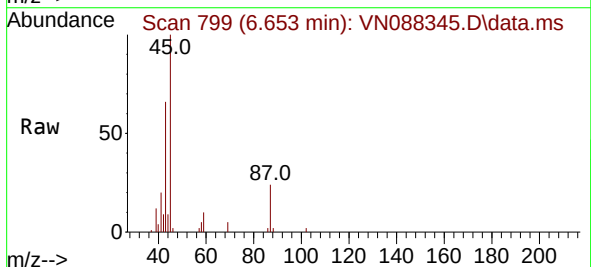
Instrument :
MSVOA_N
ClientSampleId :
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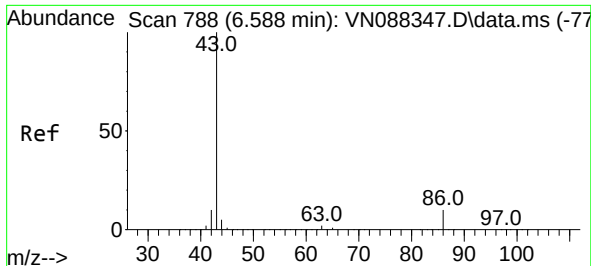
Tgt Ion: 96 Resp: 18495
Ion Ratio Lower Upper
96 100
61 147.9 122.4 183.6
98 67.5 50.9 76.3



#22
Diisopropyl ether
Concen: 4.963 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 45 Resp: 66886
Ion Ratio Lower Upper
45 100
43 64.1 47.4 71.2
87 23.5 21.9 32.9
59 10.2 9.4 14.2

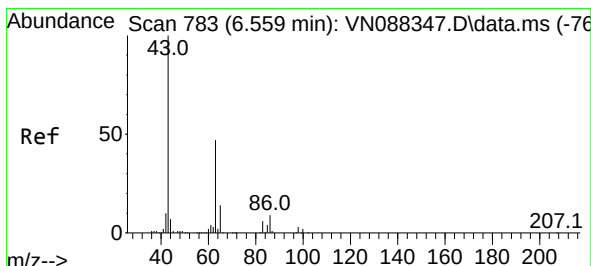
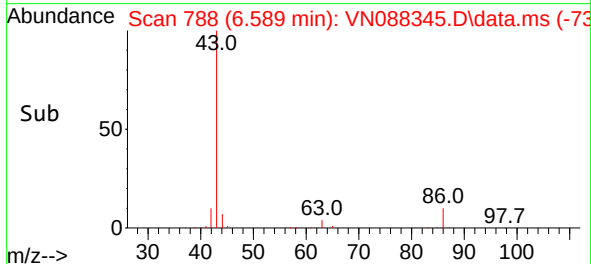
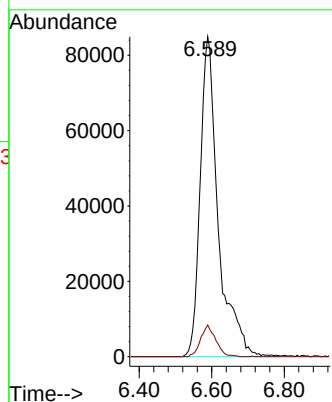
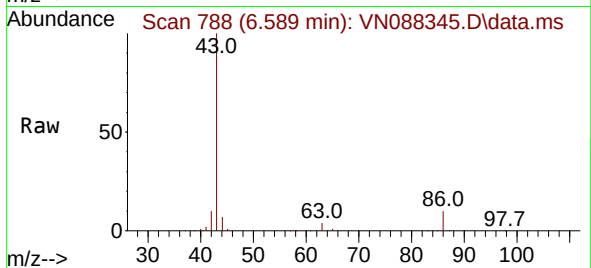




#23
 Vinyl Acetate
 Concen: 24.634 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

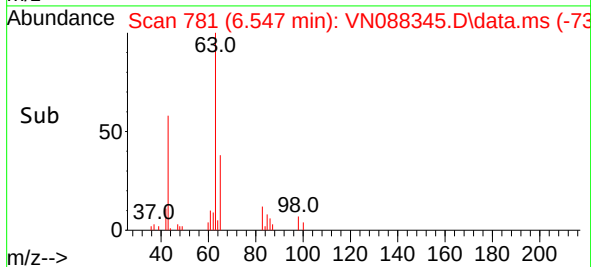
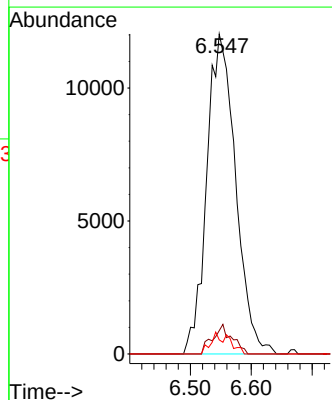
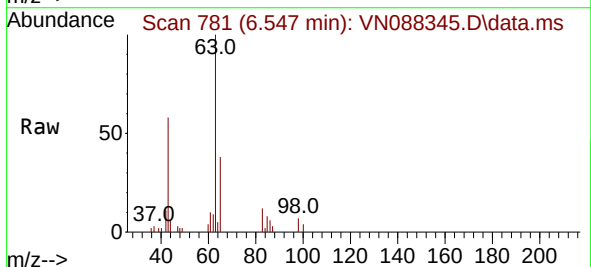
Instrument :
 MSVOA_N
 ClientSampleId :
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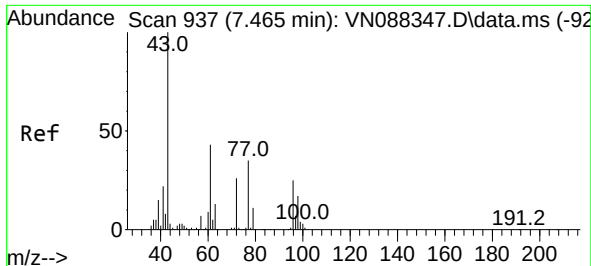
Tgt Ion: 43 Resp: 293917
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.298 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Tgt Ion: 63 Resp: 39629
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.4 1.9 5.7

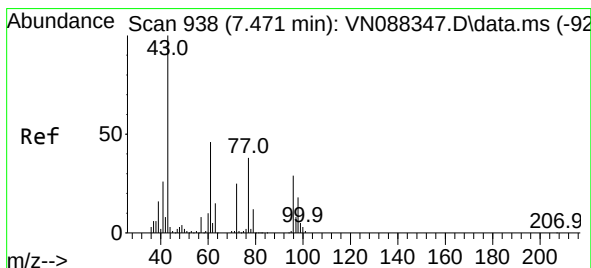
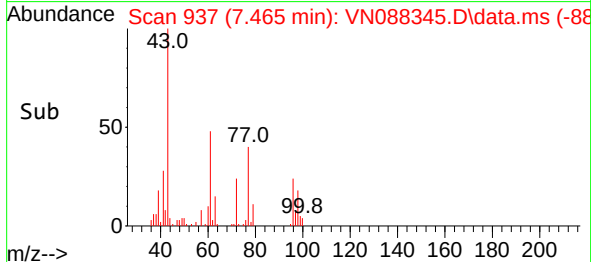
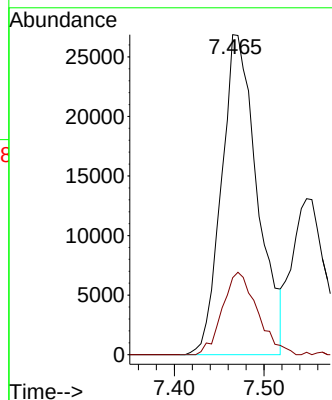
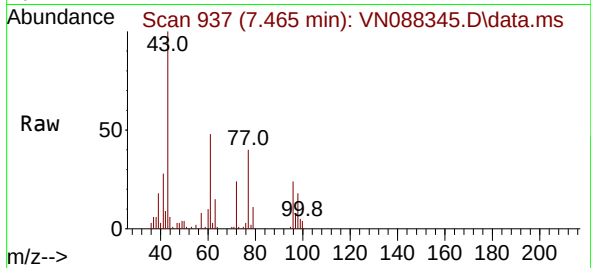




#25
2-Butanone
Concen: 22.648 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

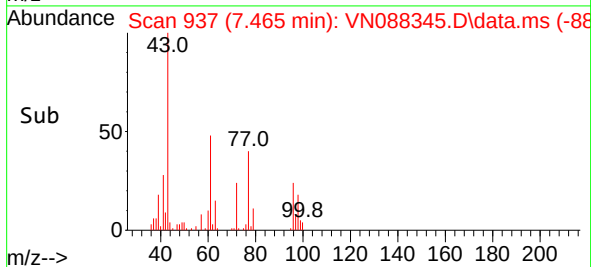
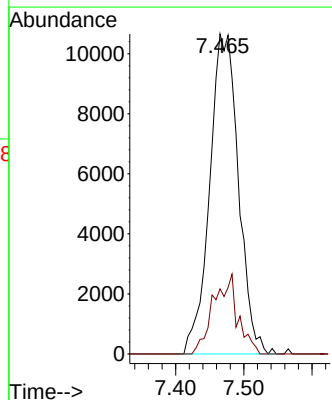
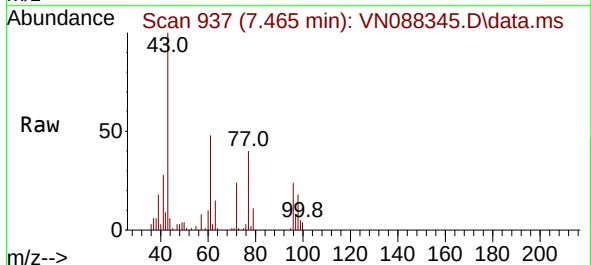
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

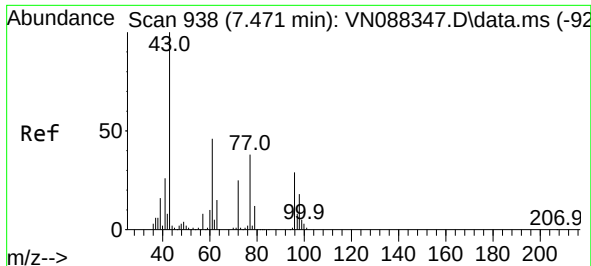
Tgt Ion: 43 Resp: 74555
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 4.669 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 77 Resp: 31387
Ion Ratio Lower Upper
77 100
97 21.1 10.3 30.9

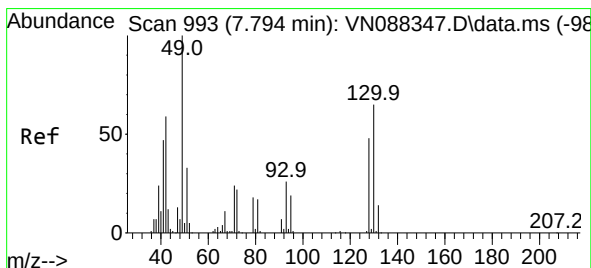
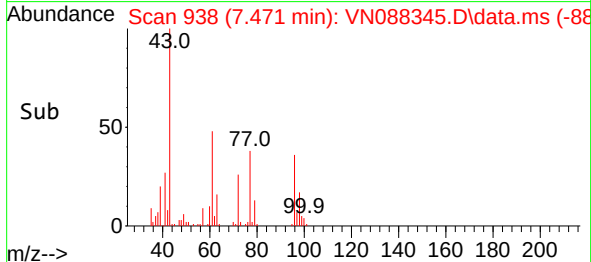
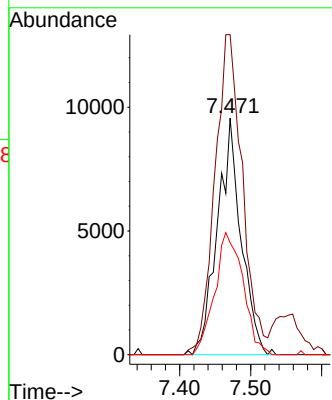
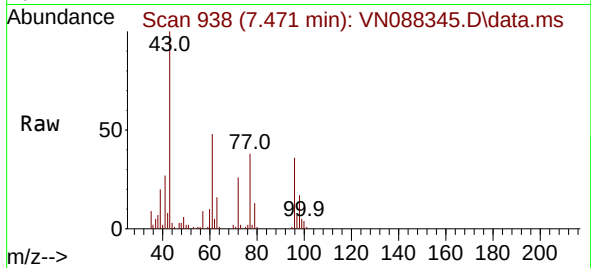




#27
 cis-1,2-Dichloroethene
 Concen: 4.838 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

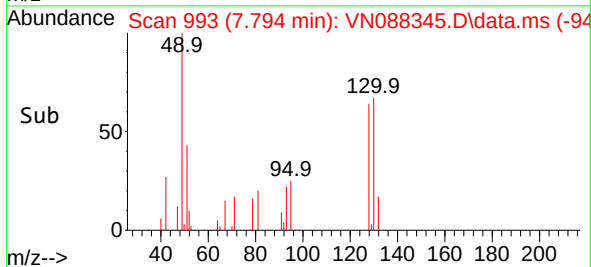
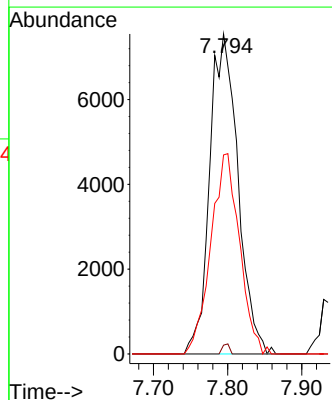
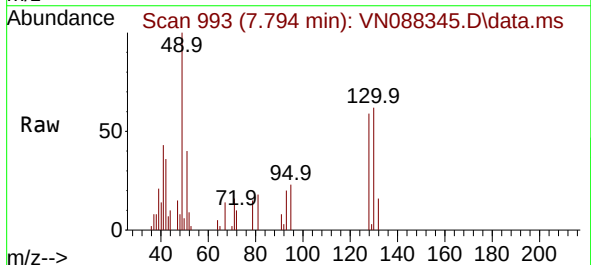
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

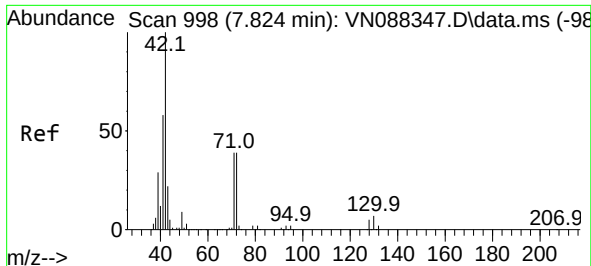
Tgt Ion: 96 Resp: 22190
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 323.6
 98 61.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 5.723 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Tgt Ion: 49 Resp: 19995
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.6
 130 63.5 51.1 76.7

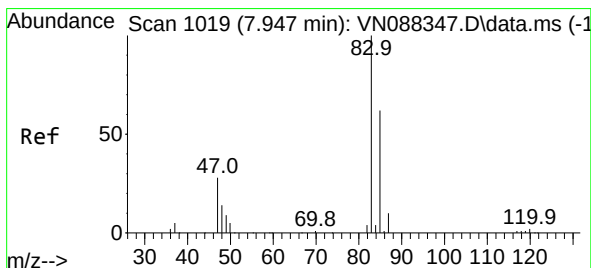
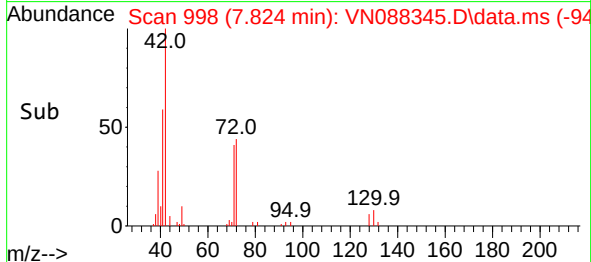
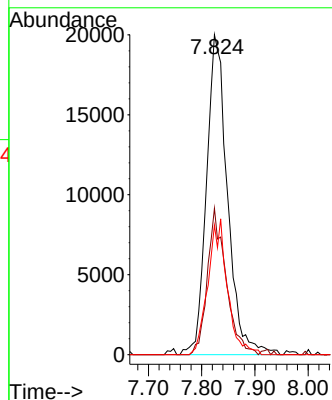
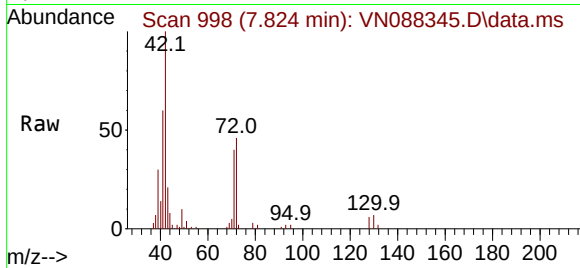




#29
Tetrahydrofuran
Concen: 25.113 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

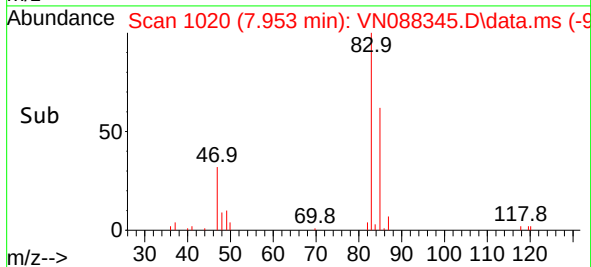
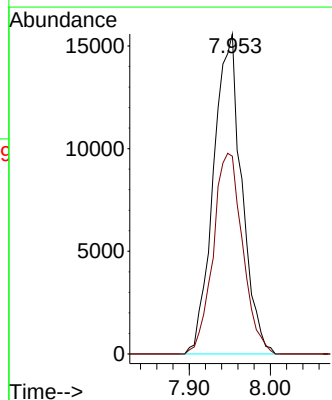
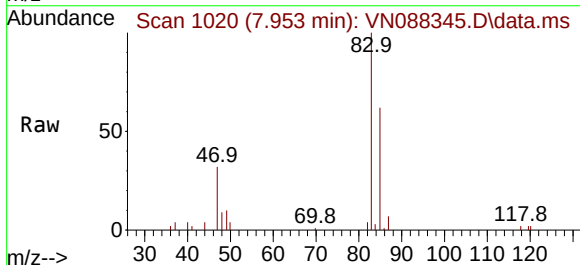
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

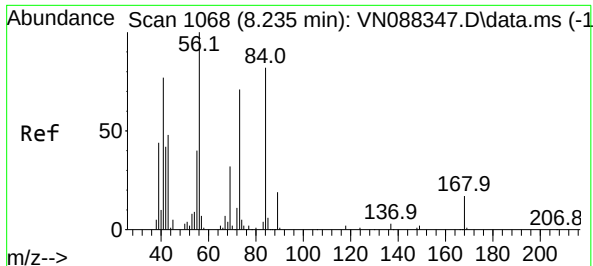
Tgt Ion: 42 Resp: 54983
Ion Ratio Lower Upper
42 100
72 40.7 32.2 48.4
71 39.0 31.1 46.7



#30
Chloroform
Concen: 5.081 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 83 Resp: 37740
Ion Ratio Lower Upper
83 100
85 61.8 49.8 74.8

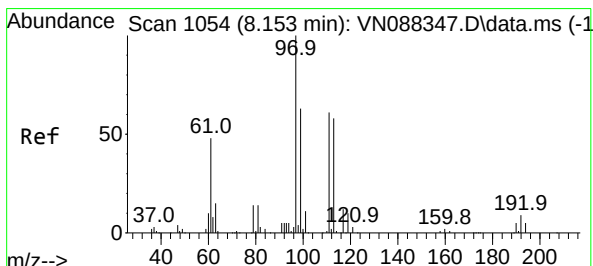
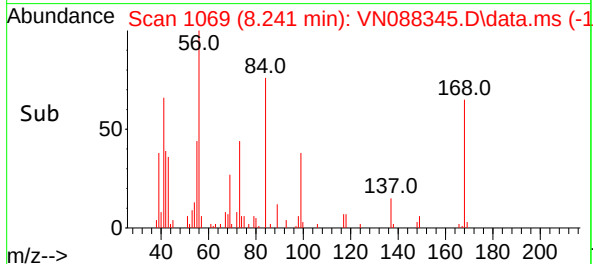
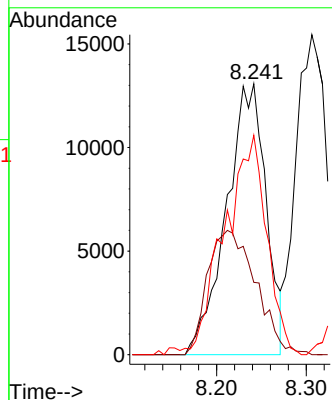
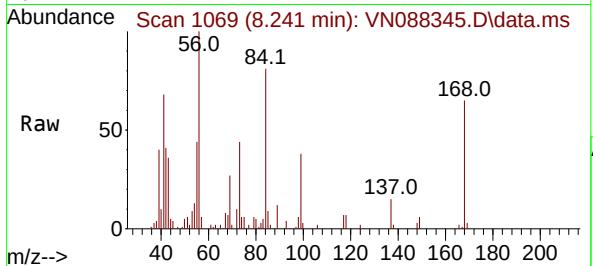




#31
Cyclohexane
Concen: 5.829 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

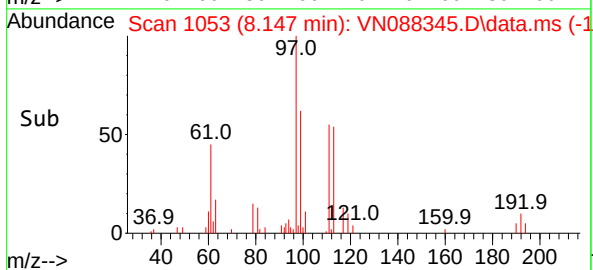
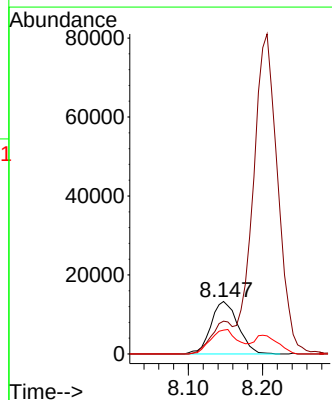
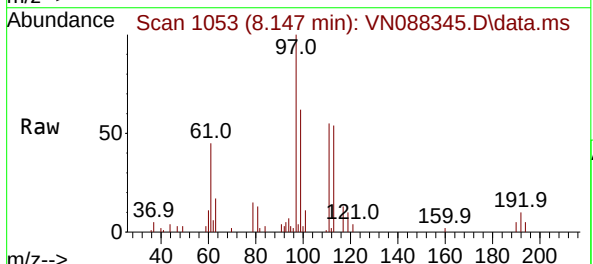
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

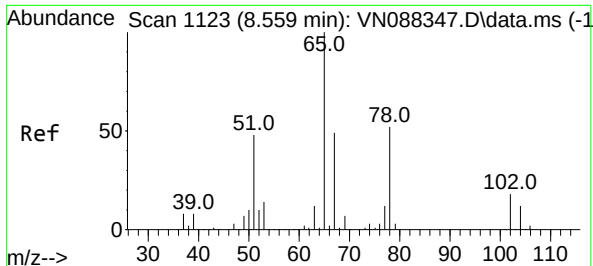
Tgt Ion: 56 Resp: 40171
Ion Ratio Lower Upper
56 100
69 26.7 25.3 37.9
84 79.5 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 5.154 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 97 Resp: 33772
Ion Ratio Lower Upper
97 100
99 48.1 50.8 76.2#
61 46.3 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 5.272 ug/l

RT: 8.553 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

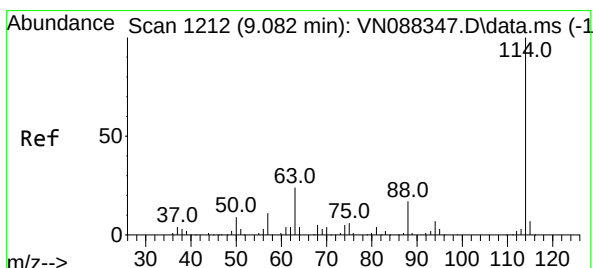
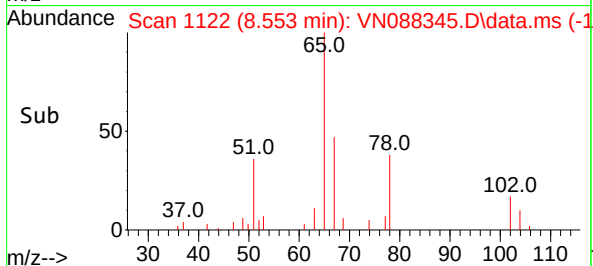
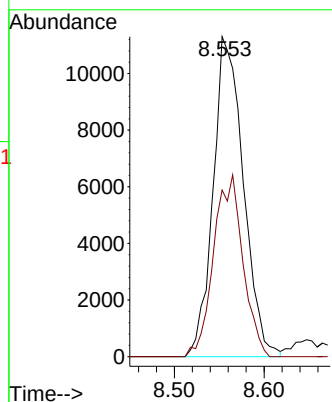
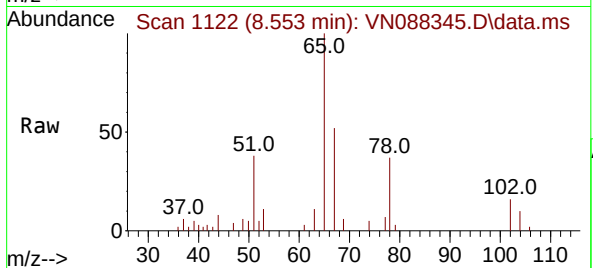
VSTDIC005

Tgt Ion: 65 Resp: 26416

Ion Ratio Lower Upper

65 100

67 54.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

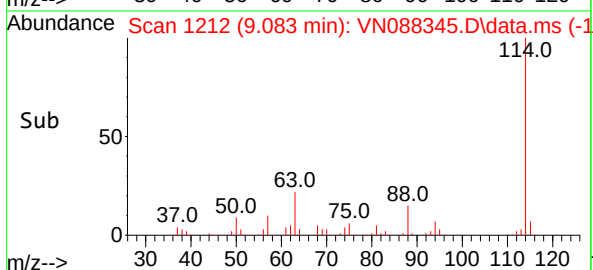
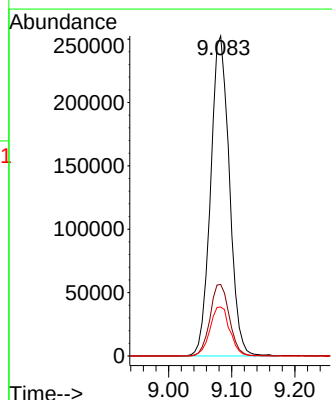
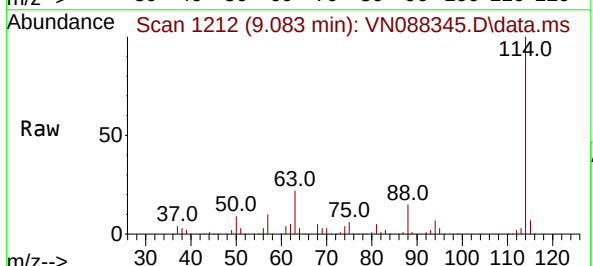
Tgt Ion: 114 Resp: 520222

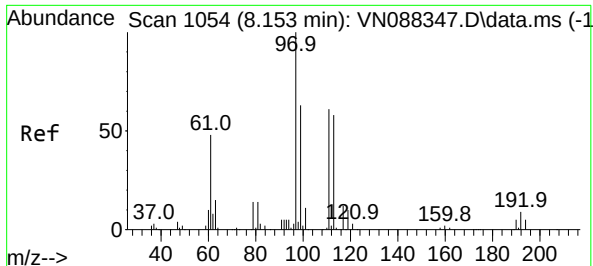
Ion Ratio Lower Upper

114 100

63 22.4 0.0 49.0

88 15.3 0.0 34.0

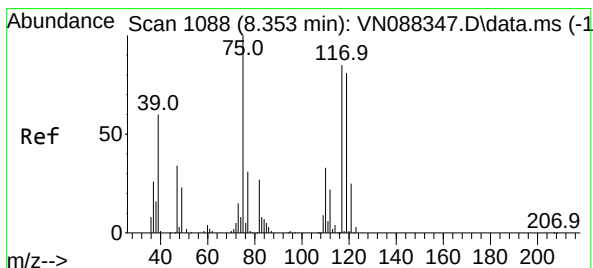
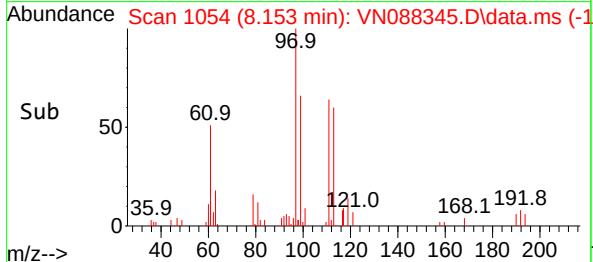
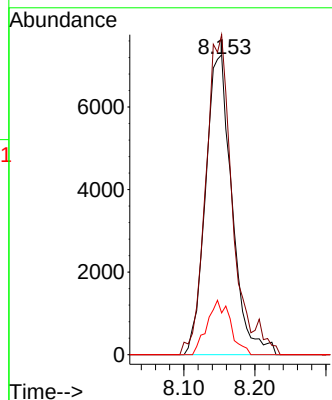
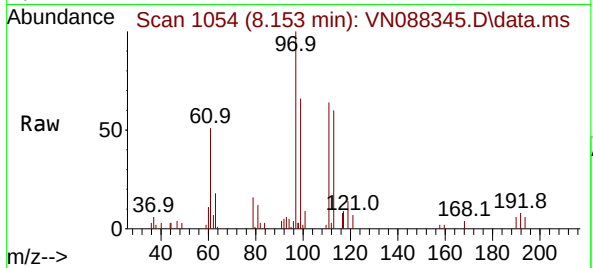




#35
Dibromofluoromethane
Concen: 5.271 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

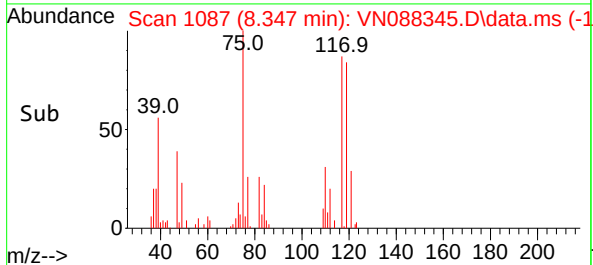
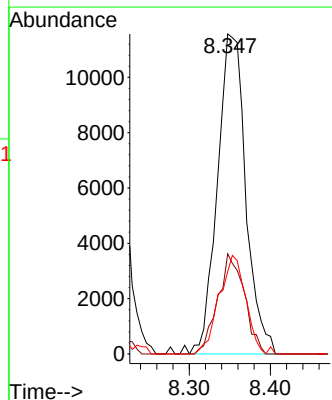
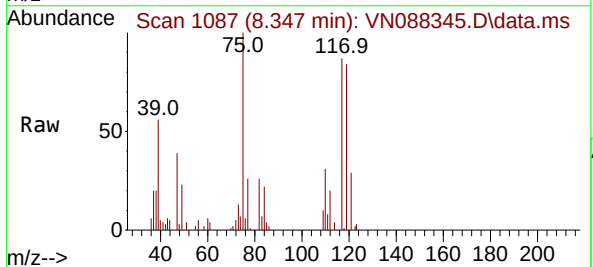
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

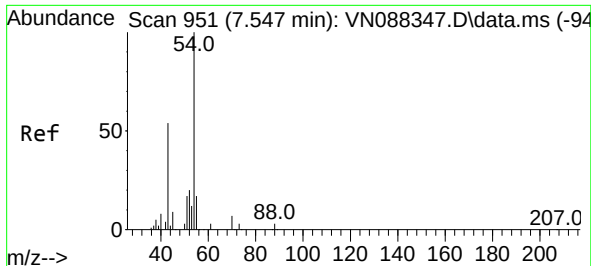
Tgt Ion:113 Resp: 18802
Ion Ratio Lower Upper
113 100
111 108.0 82.5 123.7
192 16.0 12.8 19.2



#36
1,1-Dichloropropene
Concen: 5.368 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 75 Resp: 28193
Ion Ratio Lower Upper
75 100
110 29.2 15.8 47.4
77 28.6 24.2 36.2

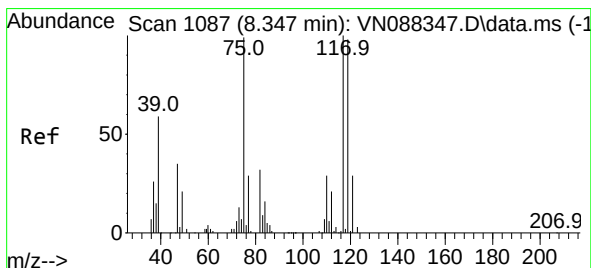
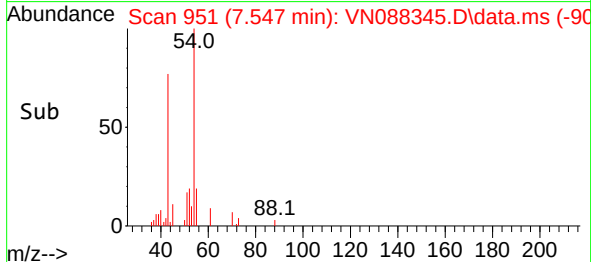
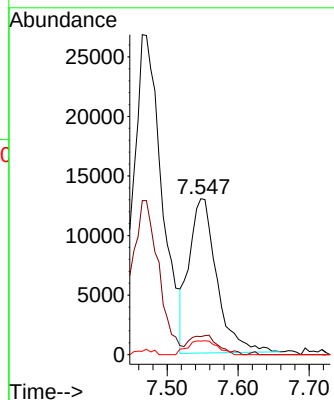
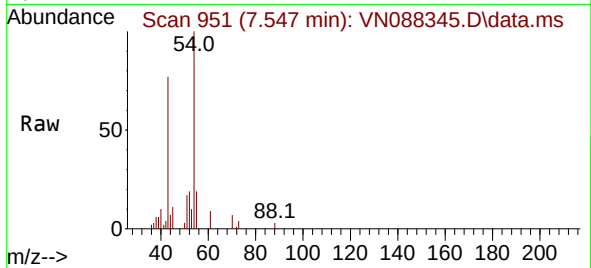




#37
Ethyl Acetate
Concen: 5.054 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

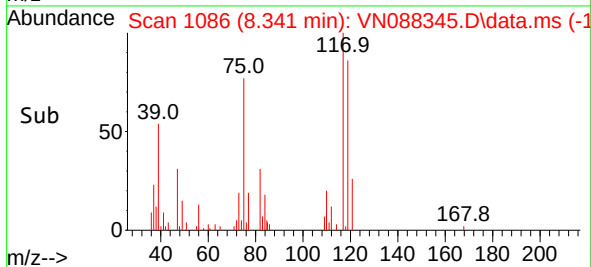
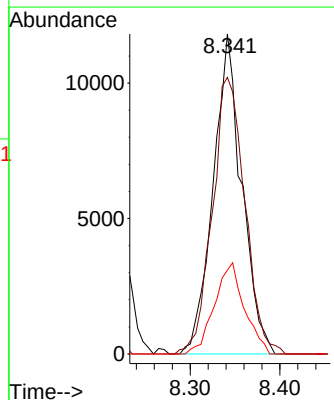
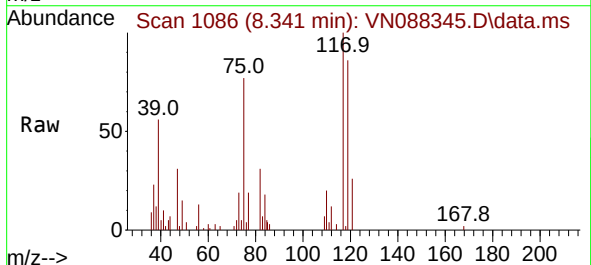
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

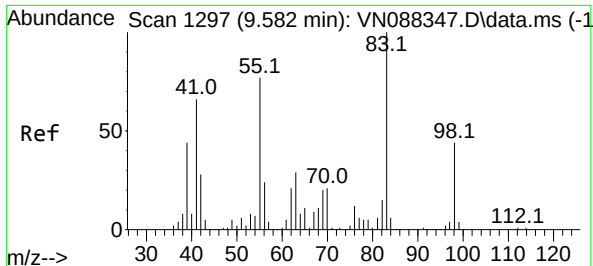
Tgt Ion: 43 Resp: 35286
Ion Ratio Lower Upper
43 100
61 12.6 9.5 14.3
70 9.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 4.839 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 117 Resp: 26194
Ion Ratio Lower Upper
117 100
119 85.1 78.2 117.4
121 26.2 23.4 35.2





#39

Methylcyclohexane

Concen: 4.292 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

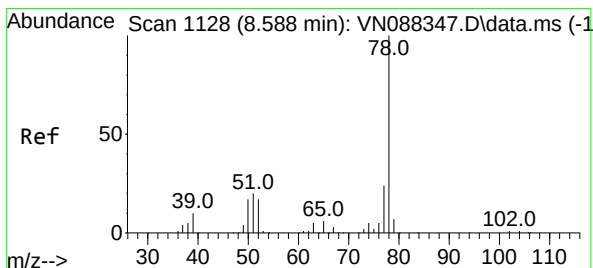
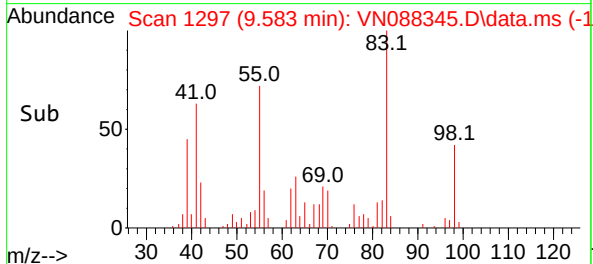
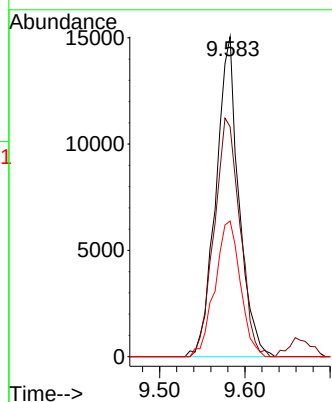
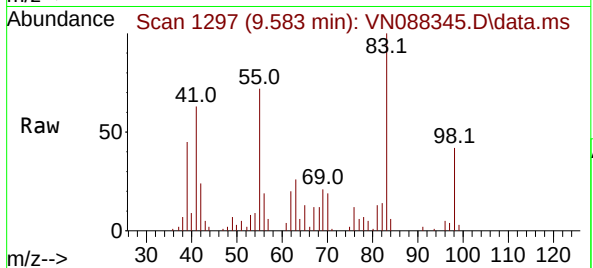
Tgt Ion: 83 Resp: 28179

Ion Ratio Lower Upper

83 100

55 71.8 61.6 92.4

98 42.4 35.3 52.9



#40

Benzene

Concen: 5.014 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088345.D

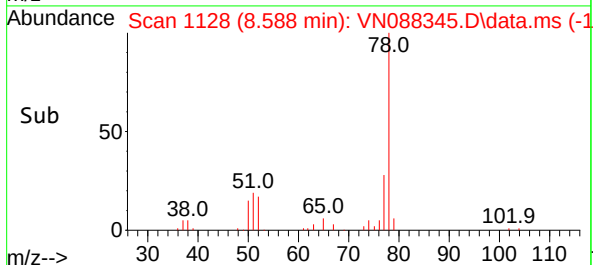
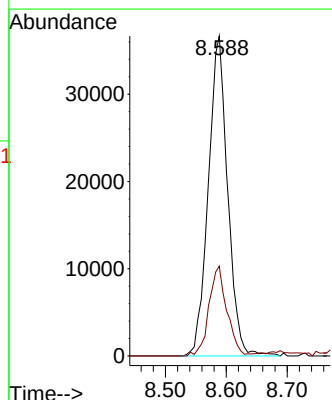
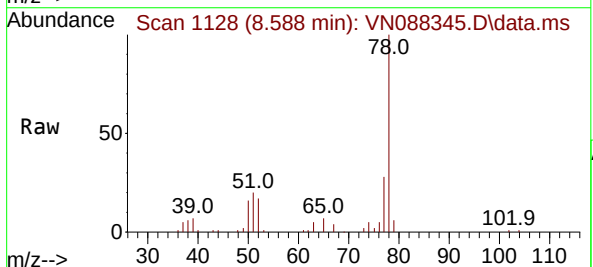
Acq: 24 Nov 2025 13:11

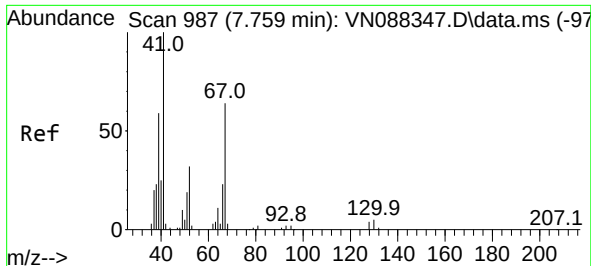
Tgt Ion: 78 Resp: 80904

Ion Ratio Lower Upper

78 100

77 28.0 19.0 28.4

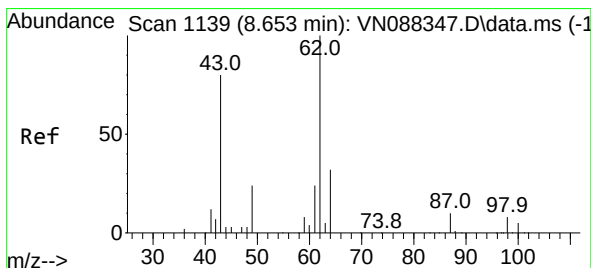
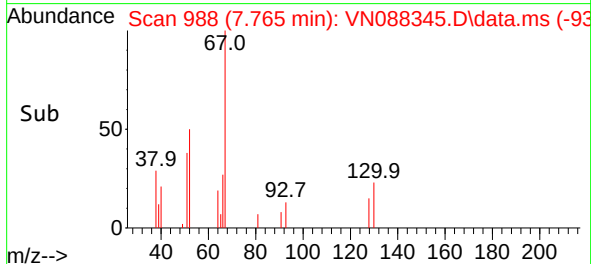
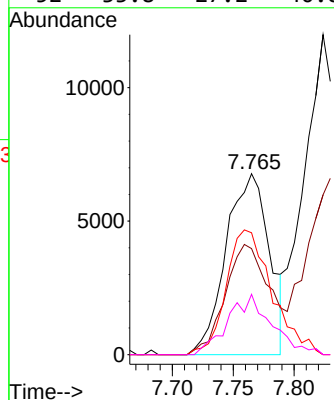
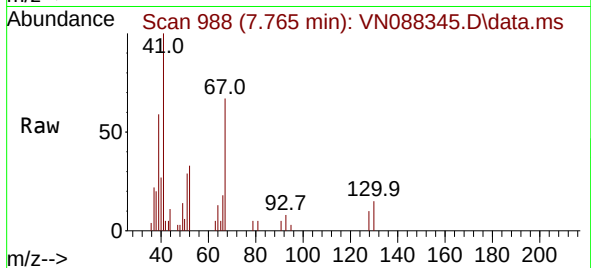




#41
Methacrylonitrile
Concen: 4.652 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

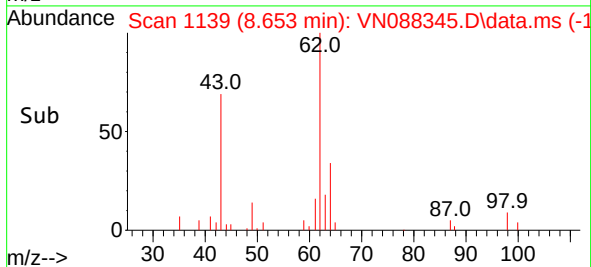
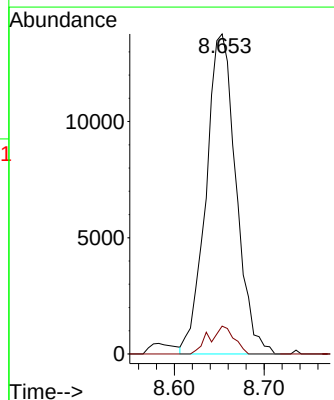
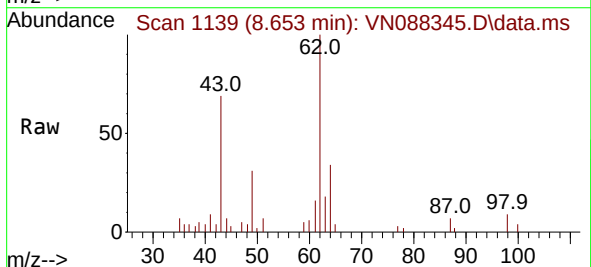
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

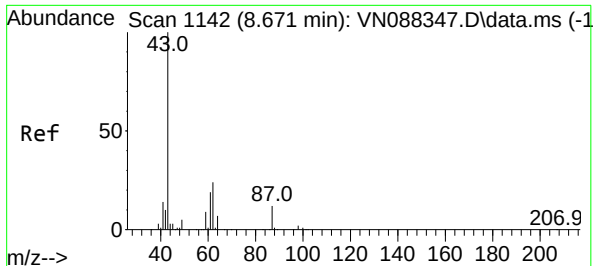
Tgt Ion: 41	Resp: 16819
Ion Ratio	Lower Upper
41 100	
39 64.4	46.3 69.5
67 72.7	54.7 82.1
52 33.8	27.2 40.8



#42
1,2-Dichloroethane
Concen: 5.480 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 62	Resp: 31962
Ion Ratio	Lower Upper
62 100	
98 7.2	0.0 16.2





#43

Isopropyl Acetate

Concen: 4.976 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

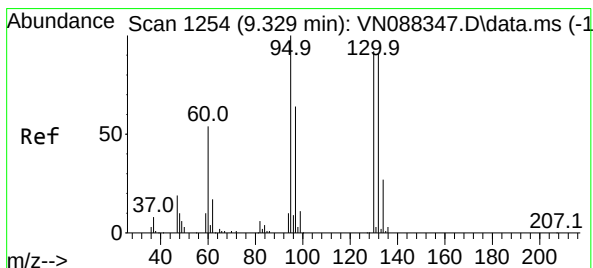
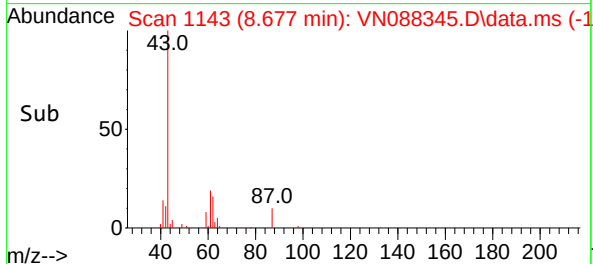
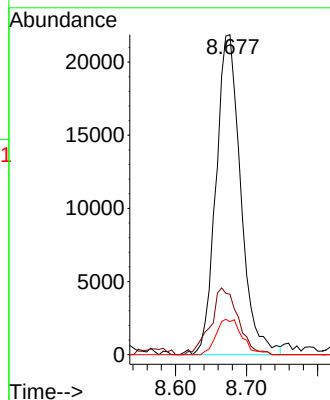
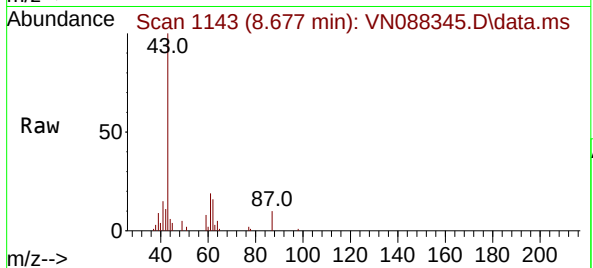
Tgt Ion: 43 Resp: 52990

Ion Ratio Lower Upper

43 100

61 23.1 18.7 28.1

87 11.6 9.1 13.7



#44

Trichloroethene

Concen: 5.321 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088345.D

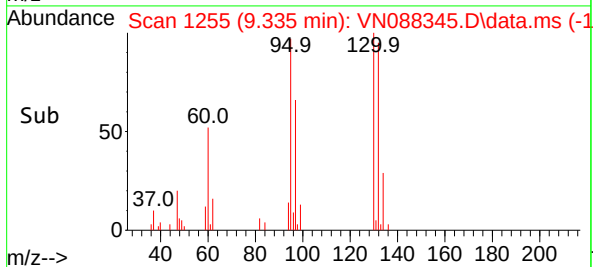
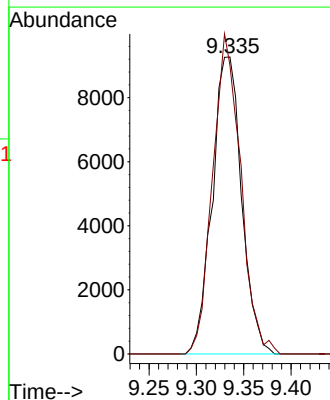
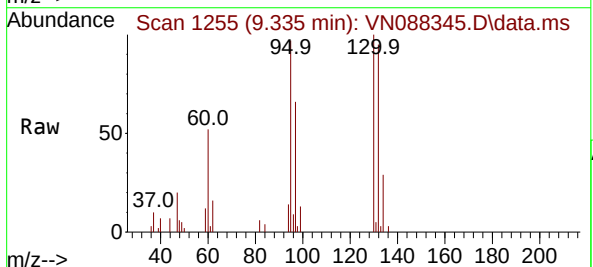
Acq: 24 Nov 2025 13:11

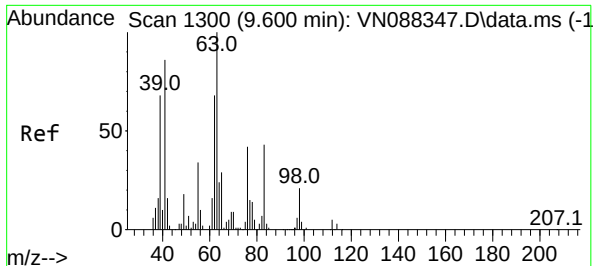
Tgt Ion:130 Resp: 20005

Ion Ratio Lower Upper

130 100

95 97.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 5.101 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

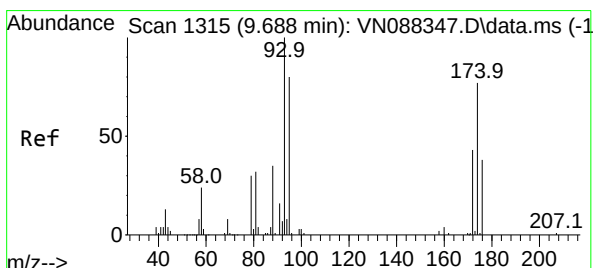
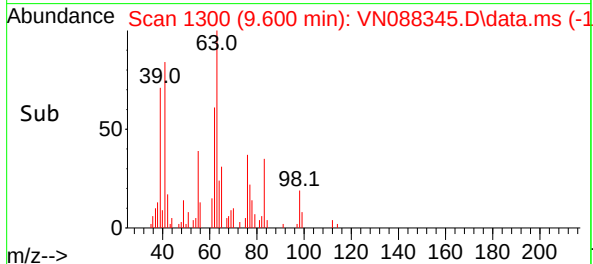
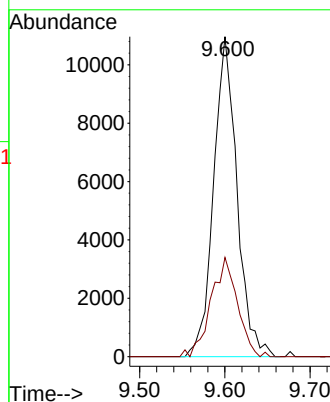
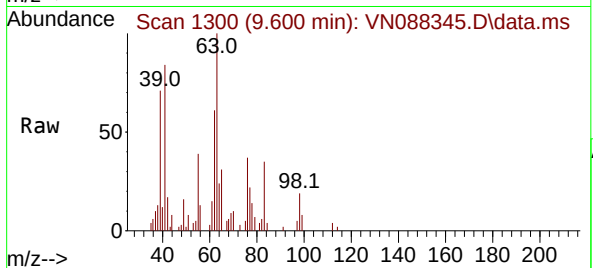
VSTDIC005

Tgt Ion: 63 Resp: 20897

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.4



#46

Dibromomethane

Concen: 5.195 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

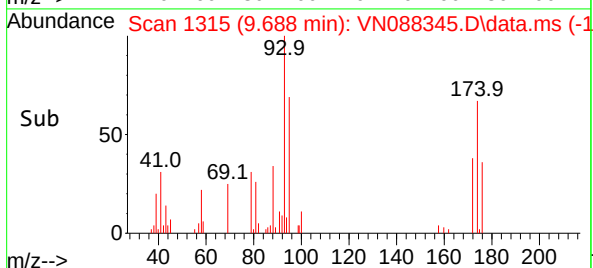
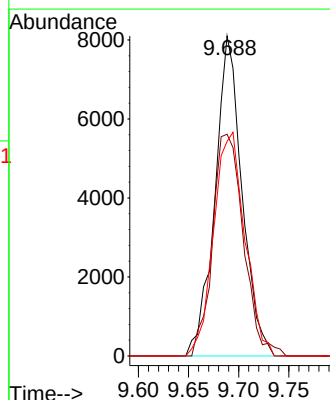
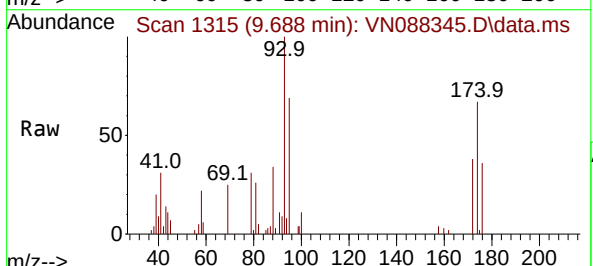
Tgt Ion: 93 Resp: 15209

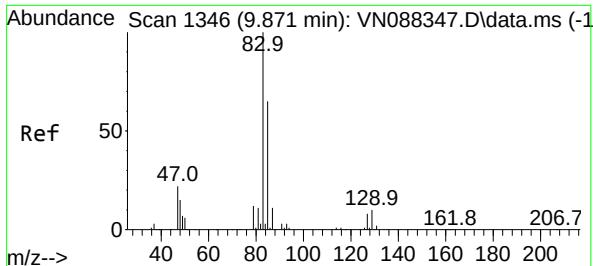
Ion Ratio Lower Upper

93 100

95 79.1 65.8 98.6

174 80.9 64.3 96.5





#47

Bromodichloromethane

Concen: 5.198 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

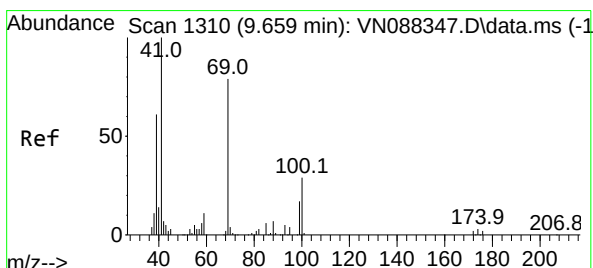
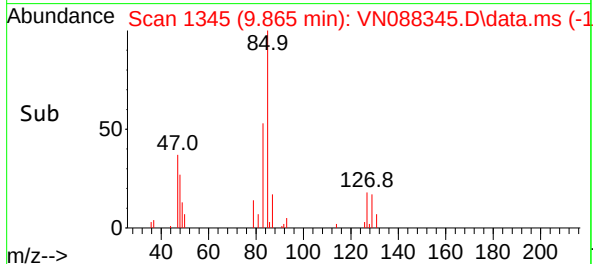
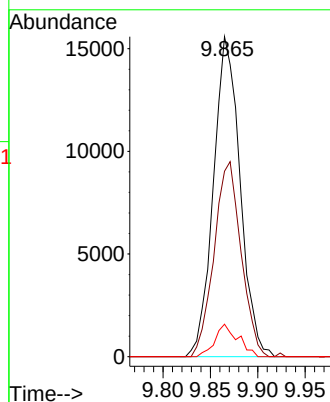
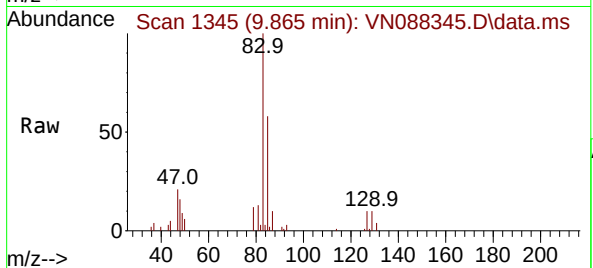
Tgt Ion: 83 Resp: 30479

Ion Ratio Lower Upper

83 100

85 57.9 51.9 77.9

127 10.2 6.3 9.5#



#48

Methyl methacrylate

Concen: 4.579 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

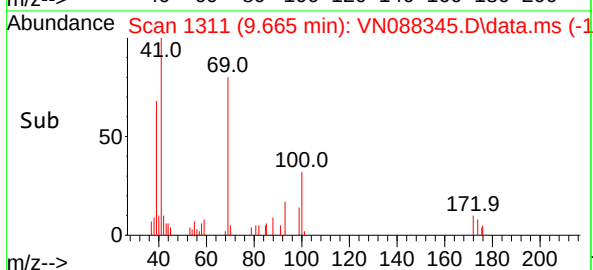
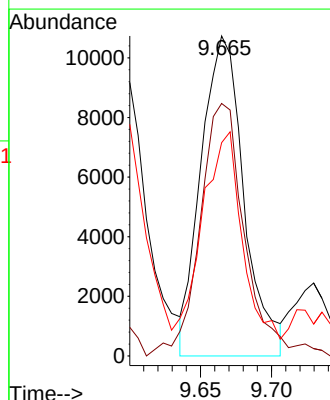
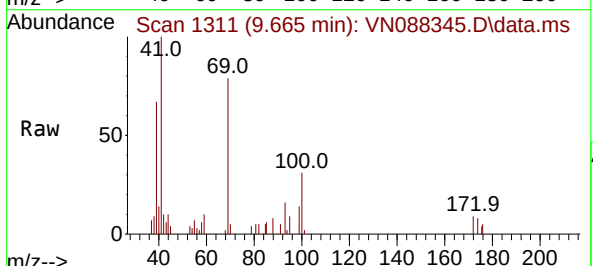
Tgt Ion: 41 Resp: 22513

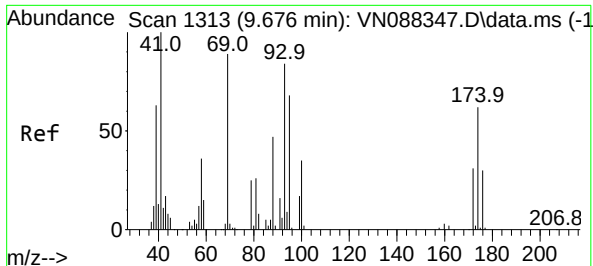
Ion Ratio Lower Upper

41 100

69 82.6 62.4 93.6

39 70.2 52.6 79.0





#49

1,4-Dioxane

Concen: 103.870 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

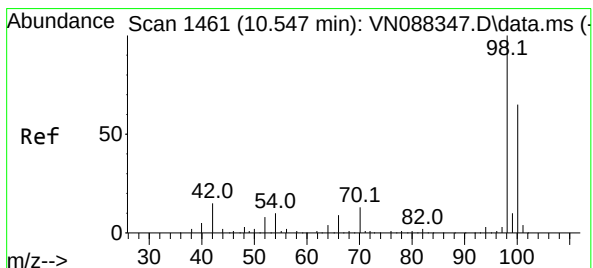
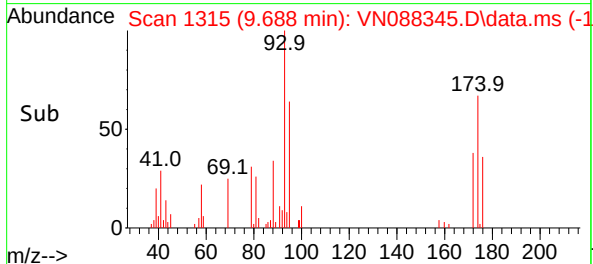
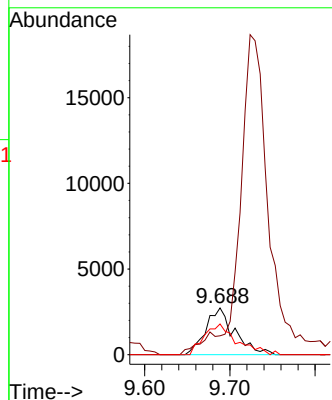
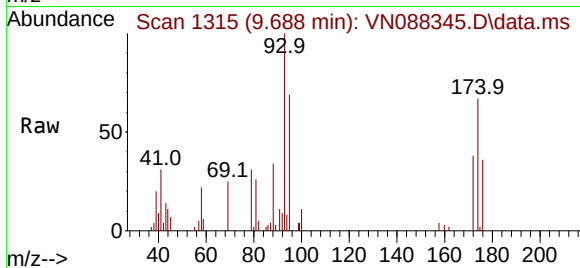
Tgt Ion: 88 Resp: 6435

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0#

58 74.3 62.0 93.0



#50

Toluene-d8

Concen: 4.778 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088345.D

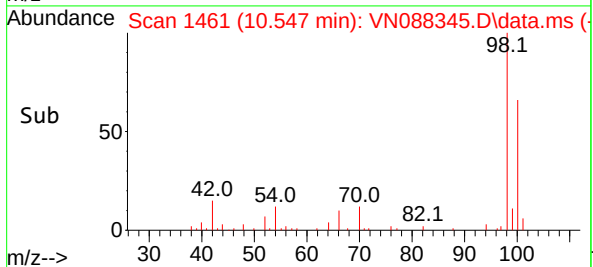
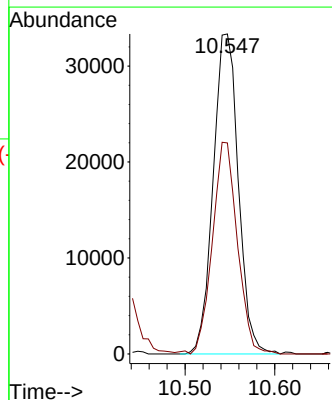
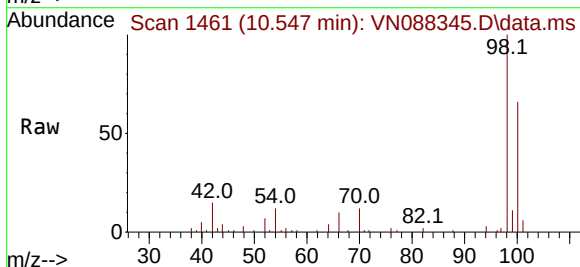
Acq: 24 Nov 2025 13:11

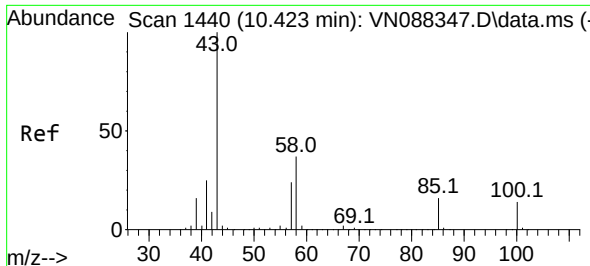
Tgt Ion: 98 Resp: 64962

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 25.401 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

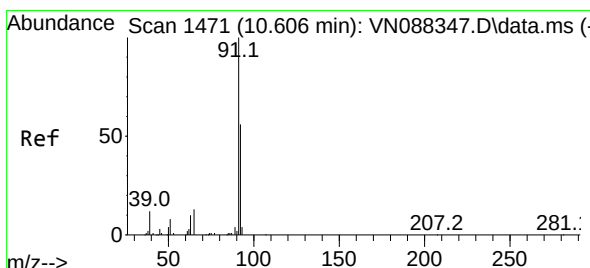
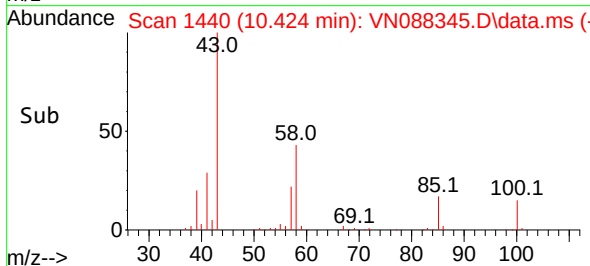
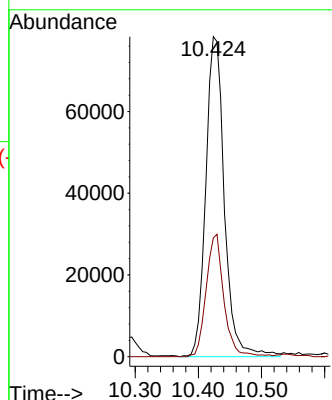
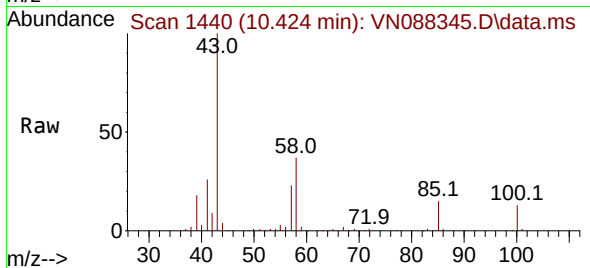
VSTDIC005

Tgt Ion: 43 Resp: 160328

Ion Ratio Lower Upper

43 100

58 36.4 29.1 43.7



#52

Toluene

Concen: 4.673 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088345.D

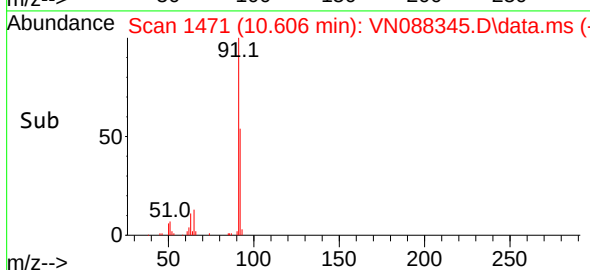
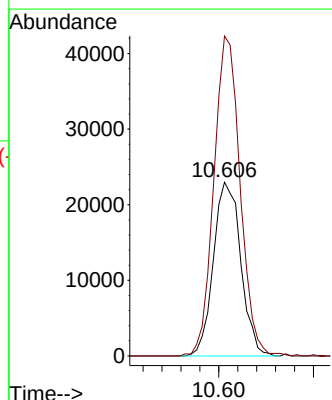
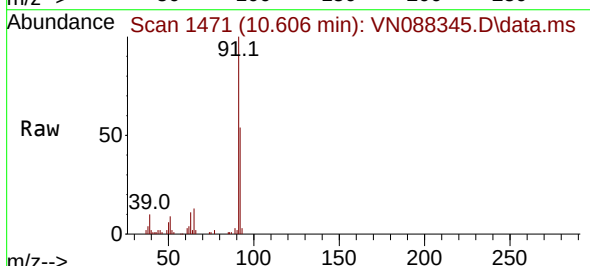
Acq: 24 Nov 2025 13:11

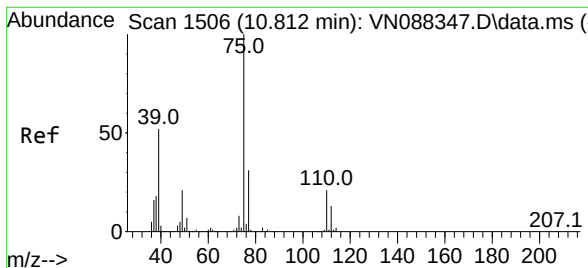
Tgt Ion: 92 Resp: 46057

Ion Ratio Lower Upper

92 100

91 177.1 140.2 210.2

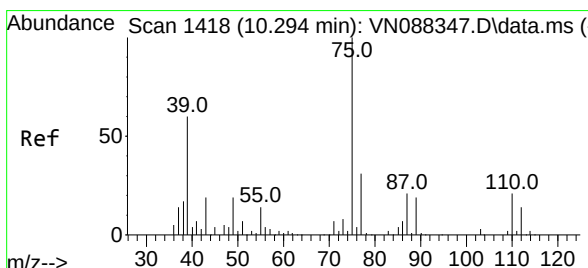
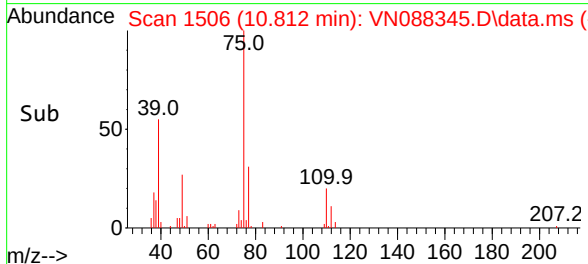
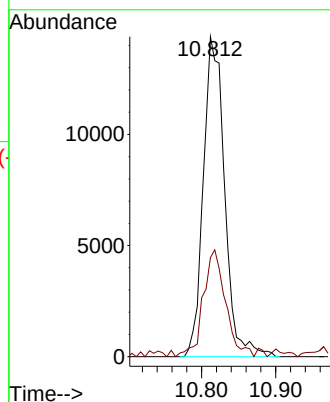
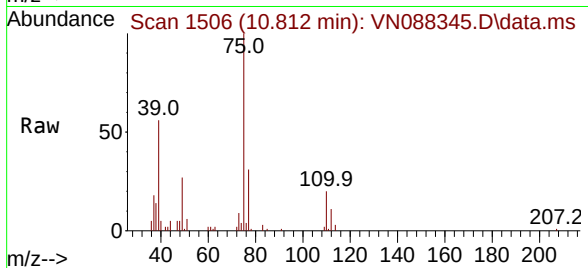




#53
 t-1,3-Dichloropropene
 Concen: 4.621 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

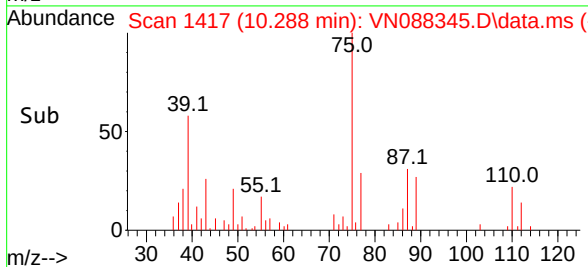
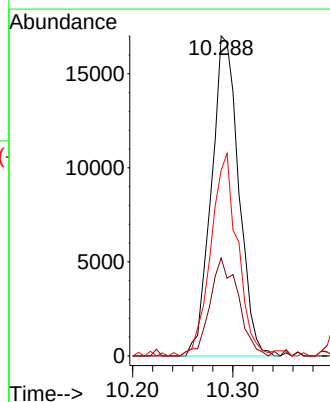
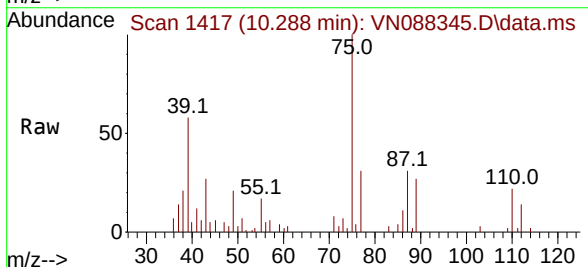
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

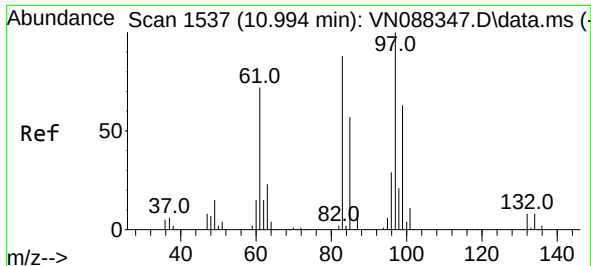
Tgt Ion: 75 Resp: 28774
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.869 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088345.D
 Acq: 24 Nov 2025 13:11

Tgt Ion: 75 Resp: 32170
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 58.0 48.3 72.5

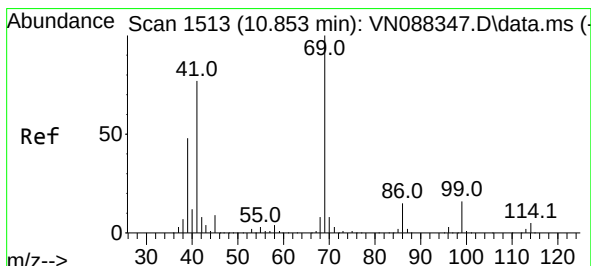
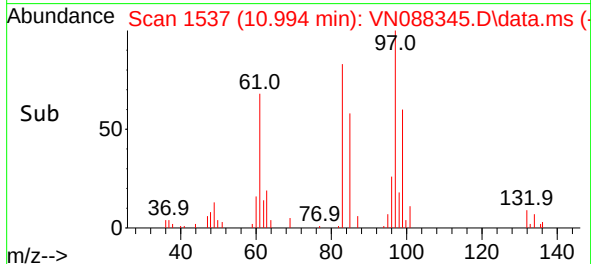
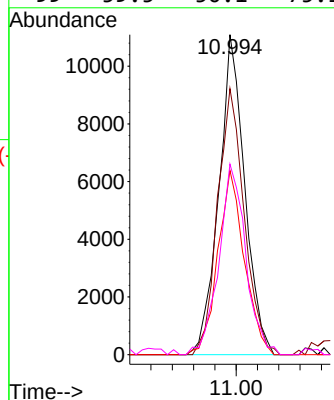
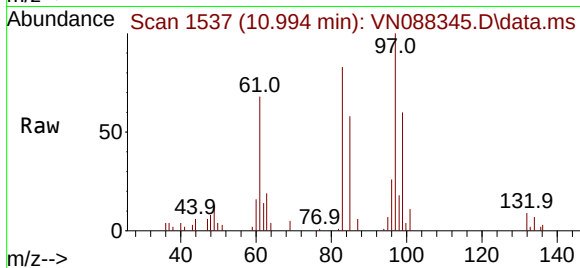




#55
1,1,2-Trichloroethane
Concen: 4.965 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

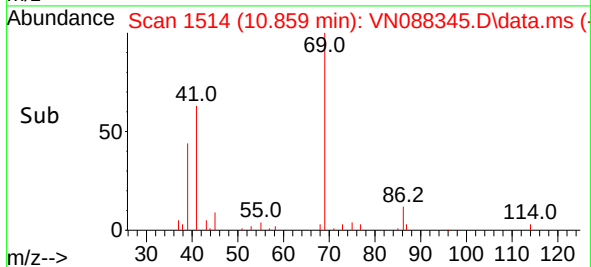
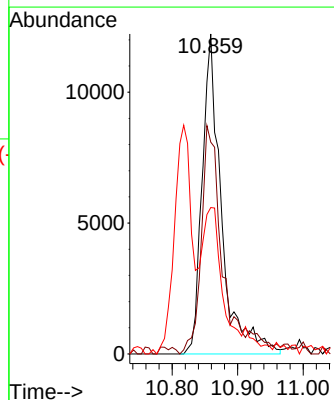
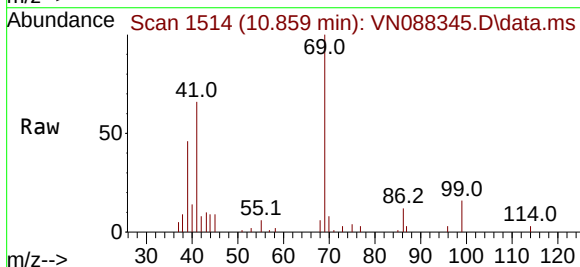
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

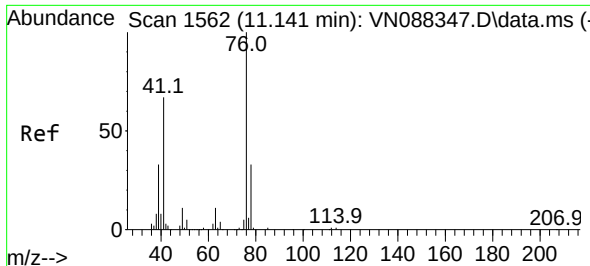
Tgt Ion:	97	Resp:	18669
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.4	105.6
85	57.5	45.4	68.2
99	59.5	50.1	75.1



#56
Ethyl methacrylate
Concen: 4.184 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:	69	Resp:	25089
Ion	Ratio	Lower	Upper
69	100		
41	72.8	59.6	89.4
39	46.0	36.4	54.6





#57

1,3-Dichloropropane

Concen: 5.006 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

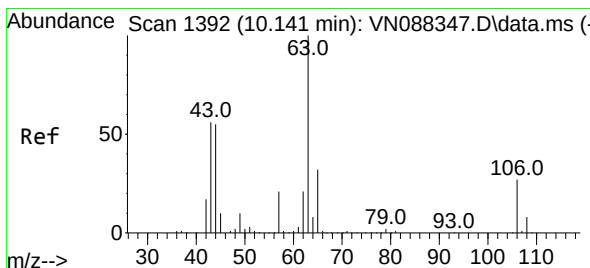
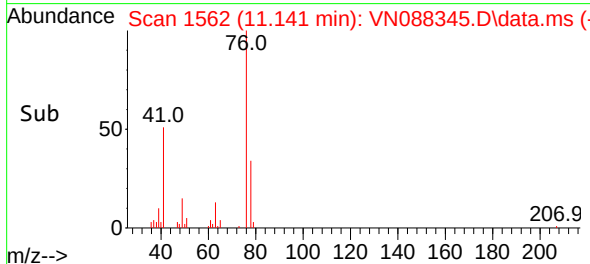
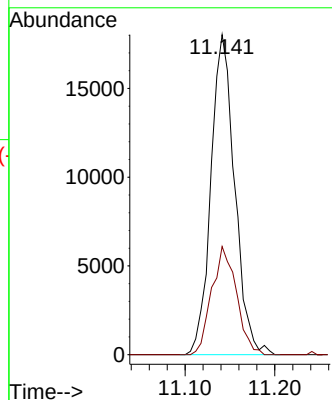
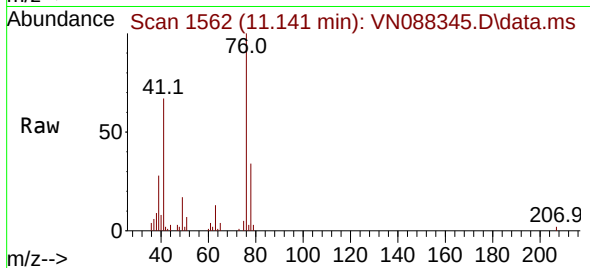
VSTDICC005

Tgt Ion: 76 Resp: 33183

Ion Ratio Lower Upper

76 100

78 35.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 26.251 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088345.D

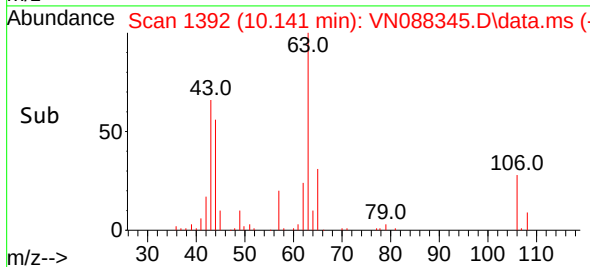
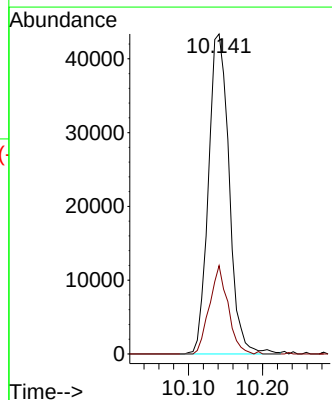
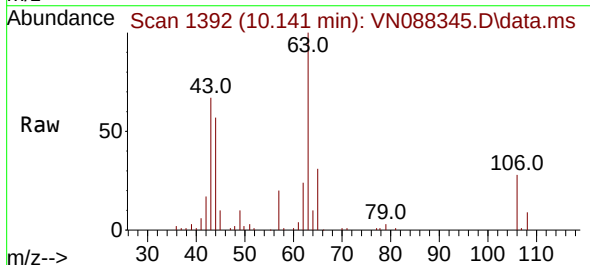
Acq: 24 Nov 2025 13:11

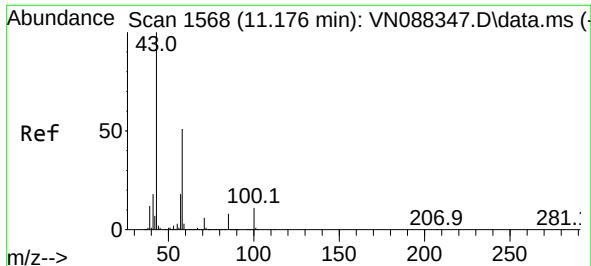
Tgt Ion: 63 Resp: 83959

Ion Ratio Lower Upper

63 100

106 24.8 20.5 30.7

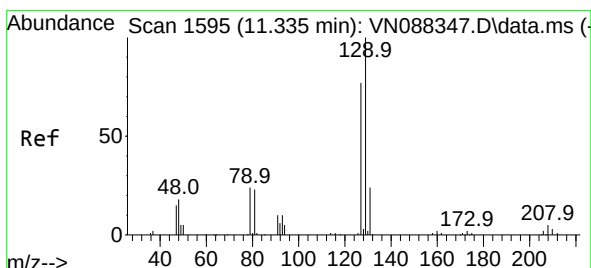
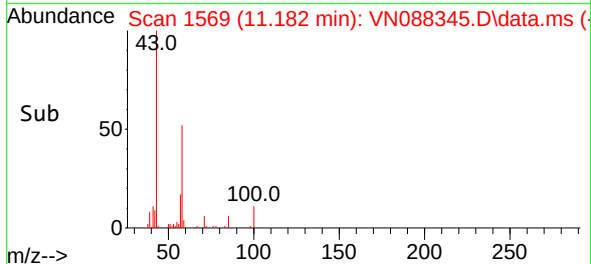
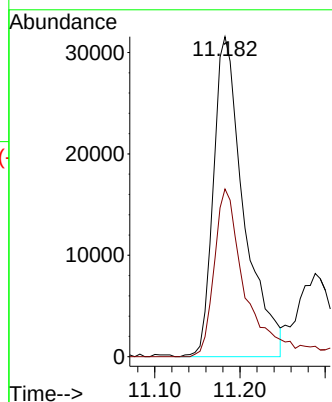
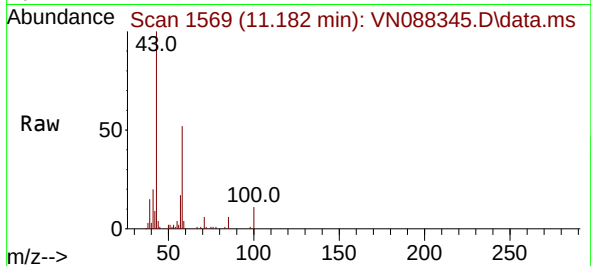




#59
2-Hexanone
Concen: 18.852 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

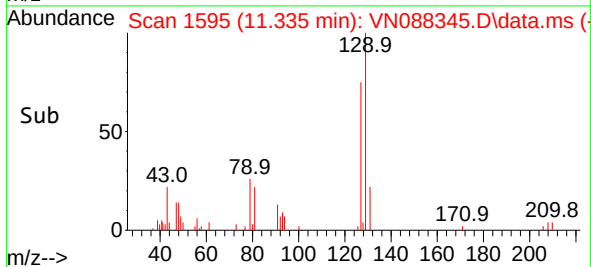
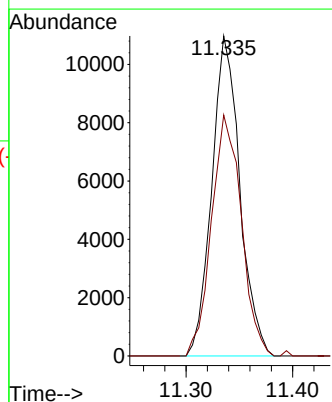
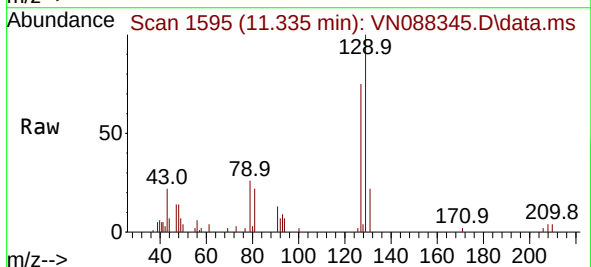
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

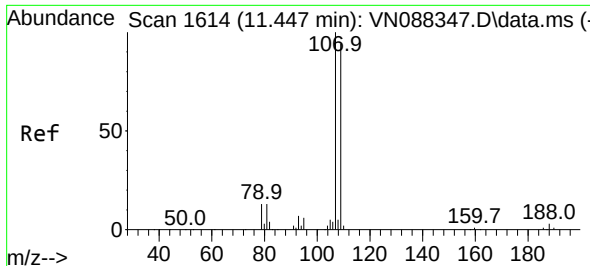
Tgt Ion: 43 Resp: 78248
Ion Ratio Lower Upper
43 100
58 53.2 25.3 75.9



#60
Dibromochloromethane
Concen: 4.697 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 129 Resp: 20078
Ion Ratio Lower Upper
129 100
127 80.1 38.2 114.6

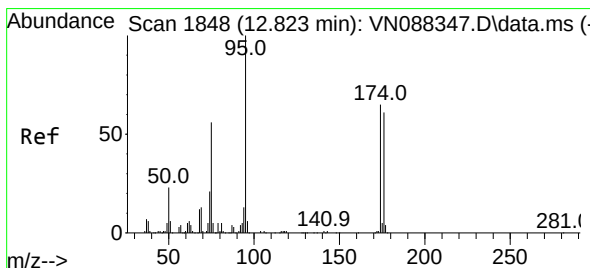
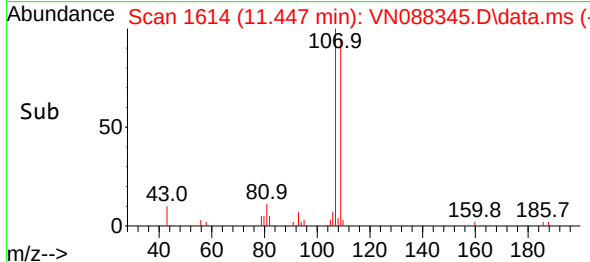
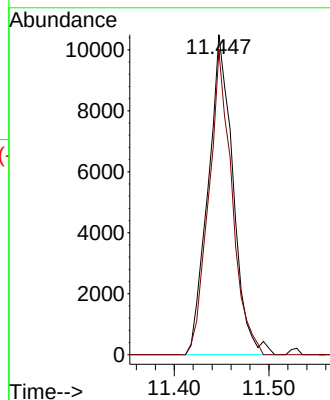
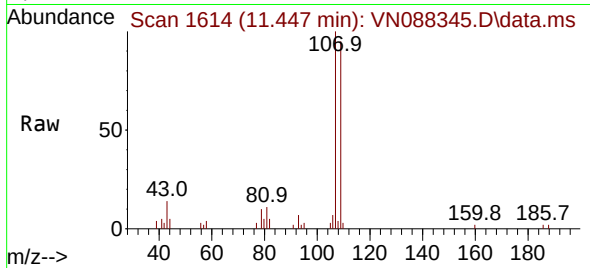




#61
1,2-Dibromoethane
Concen: 4.919 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

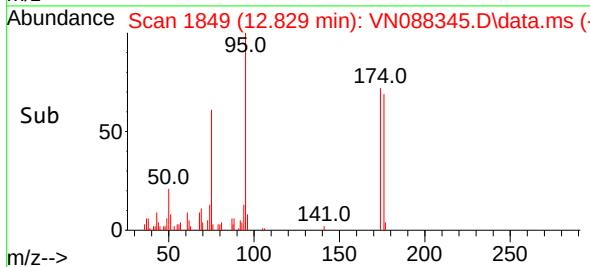
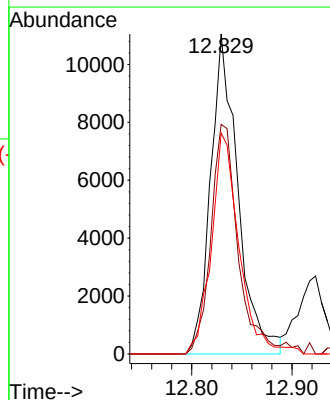
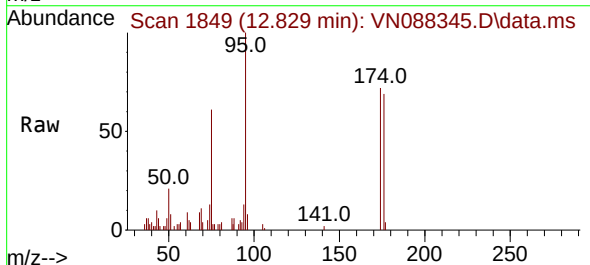
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

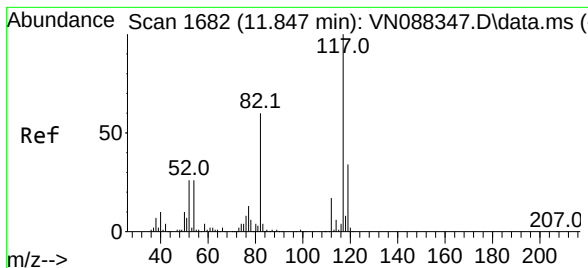
Tgt Ion:107 Resp: 19090
Ion Ratio Lower Upper
107 100
109 88.9 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 4.383 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 95 Resp: 20929
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.0
176 70.2 0.0 132.4

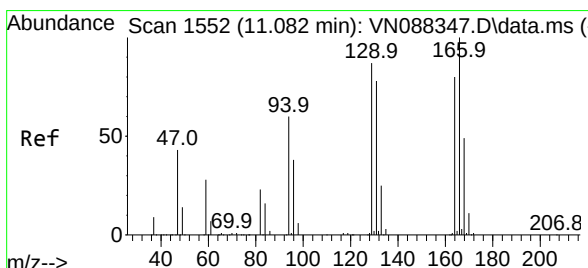
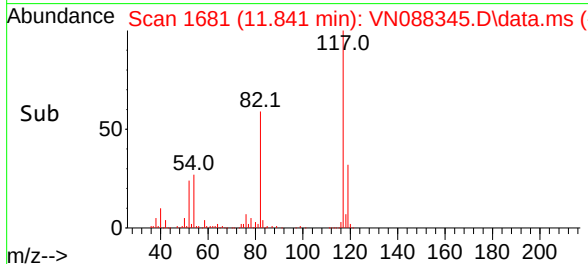
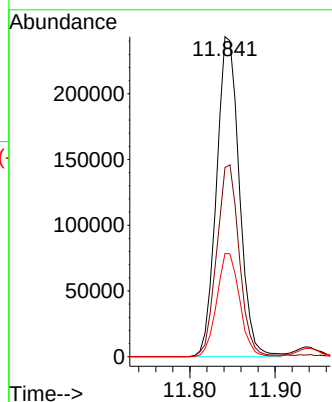
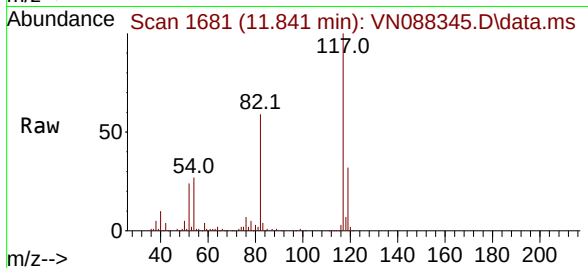




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

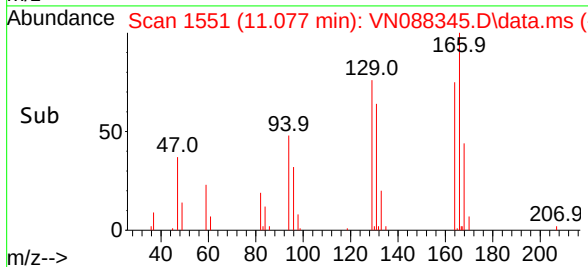
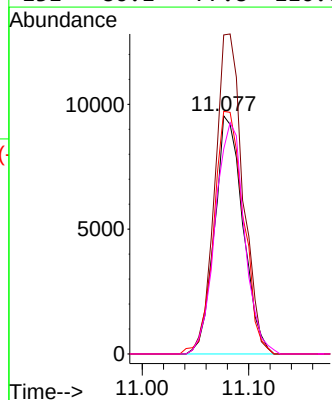
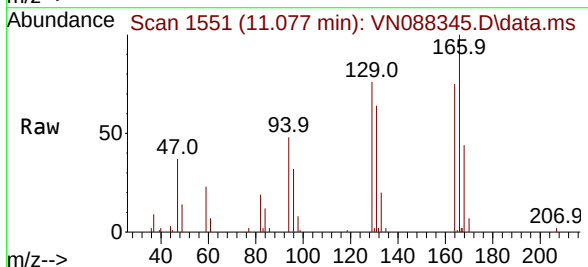
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

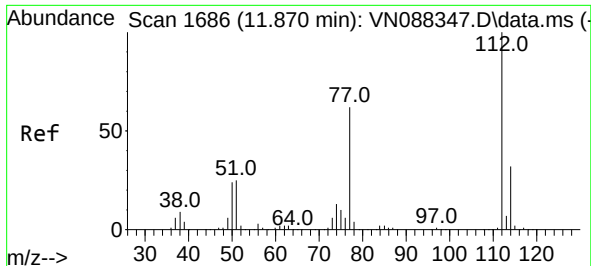
Tgt Ion:117 Resp: 454370
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.3 26.9 40.3



#64
Tetrachloroethene
Concen: 5.552 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:164 Resp: 17642
Ion Ratio Lower Upper
164 100
166 134.0 99.6 149.4
129 101.9 86.6 129.8
131 86.1 77.8 116.6

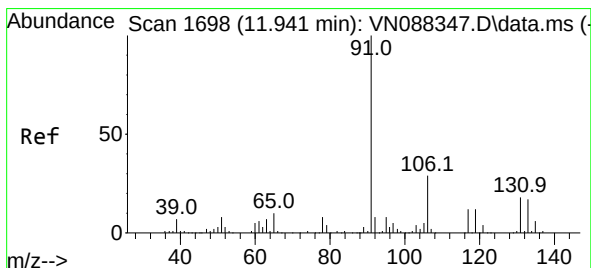
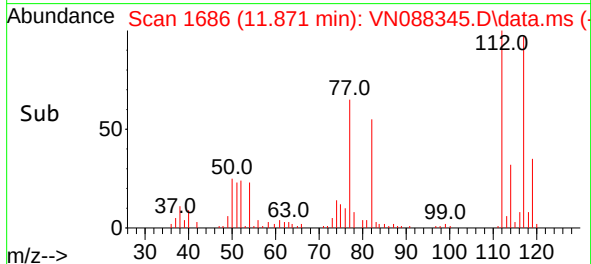
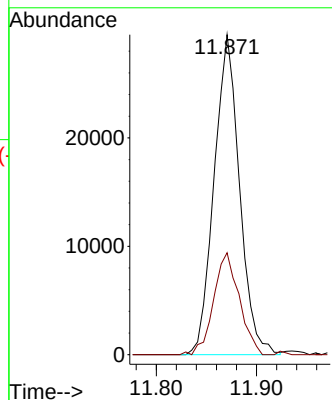
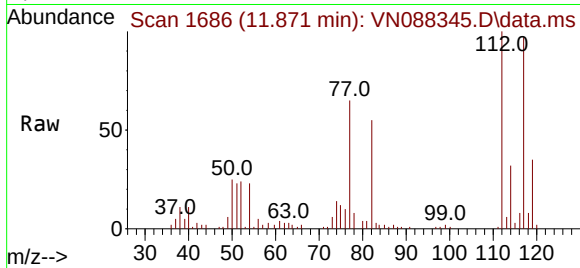




#65
Chlorobenzene
Concen: 4.912 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

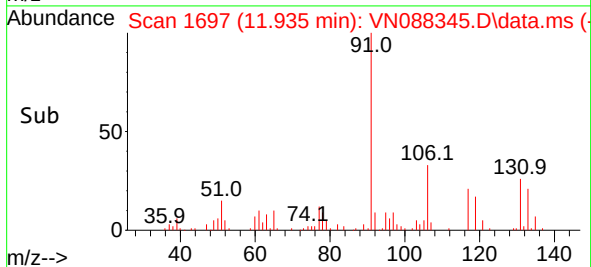
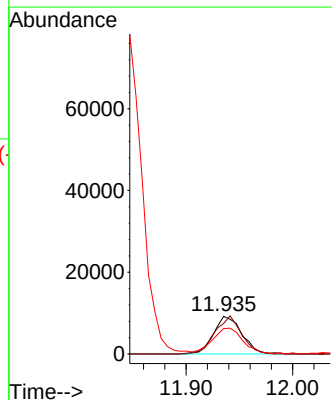
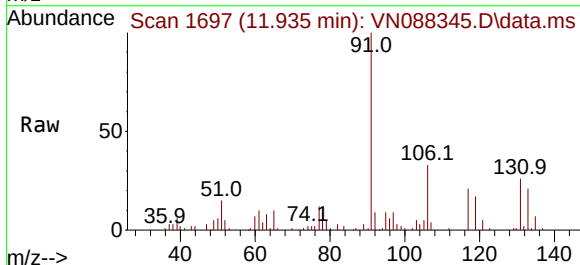
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

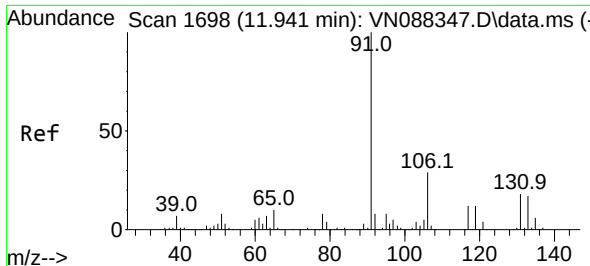
Tgt Ion:112 Resp: 51903
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.842 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:131 Resp: 16899
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 73.8 33.4 100.1

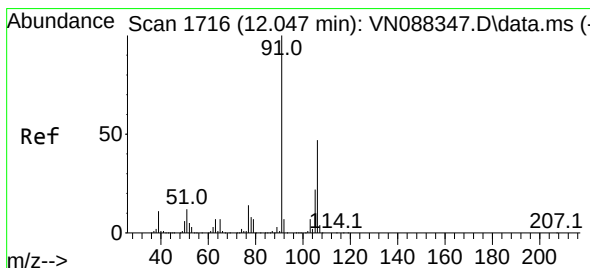
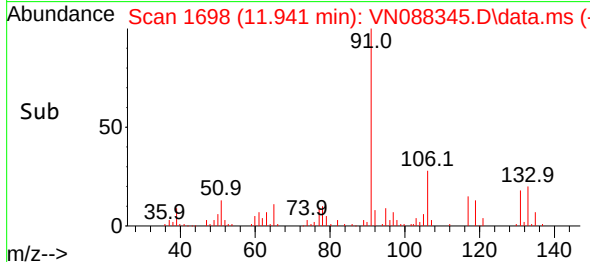
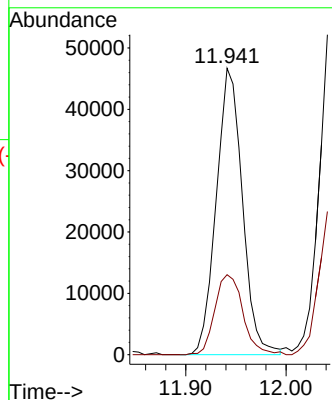
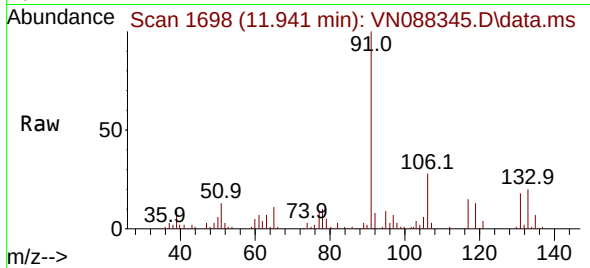




#67
Ethyl Benzene
Concen: 4.556 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

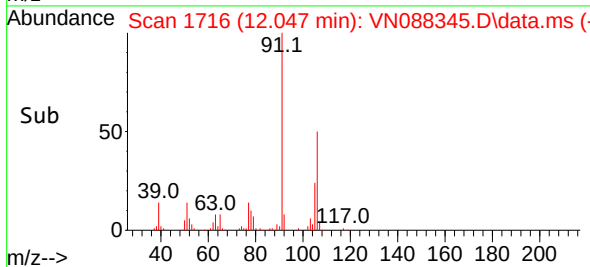
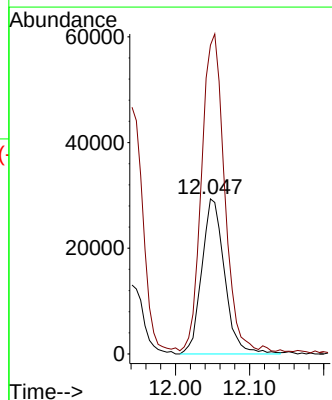
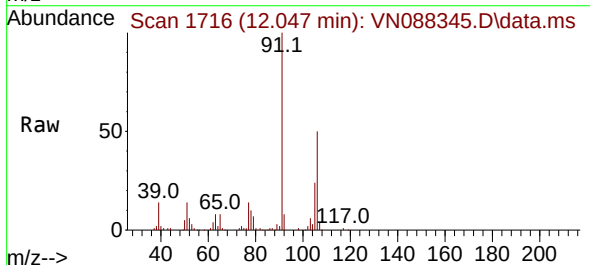
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

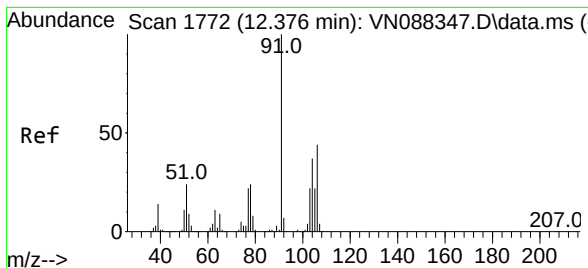
Tgt Ion: 91 Resp: 84509
Ion Ratio Lower Upper
91 100
106 28.0 23.6 35.4



#68
m/p-Xylenes
Concen: 9.044 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 106 Resp: 62717
Ion Ratio Lower Upper
106 100
91 203.5 167.8 251.6

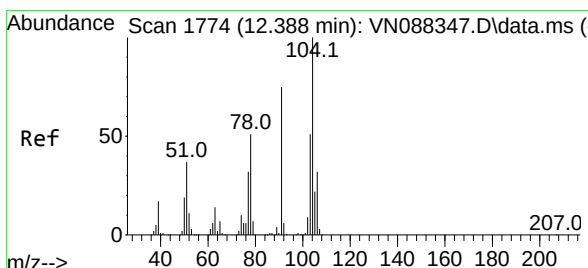
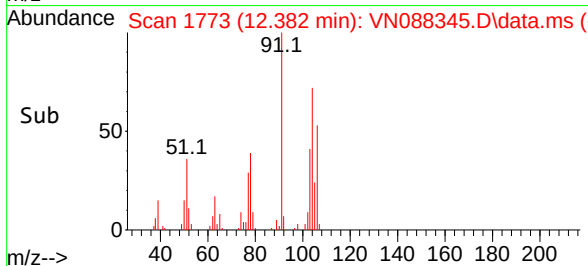
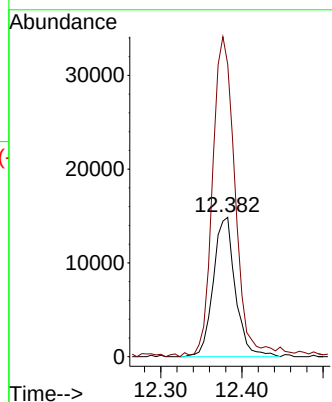
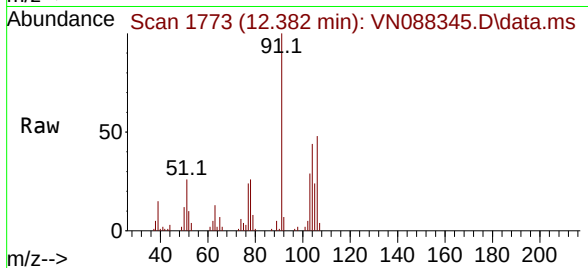




#69
o-Xylene
Concen: 4.278 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

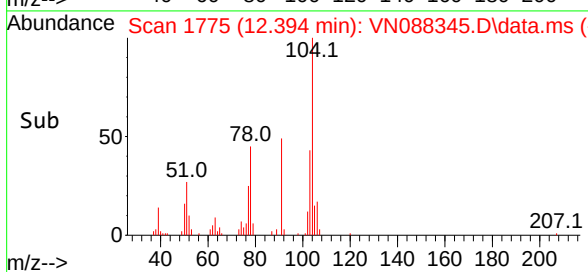
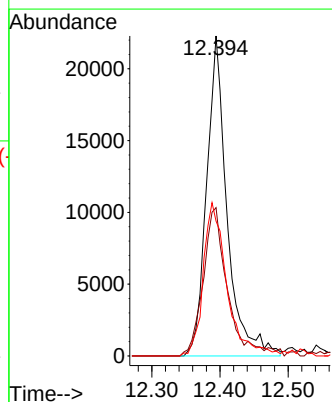
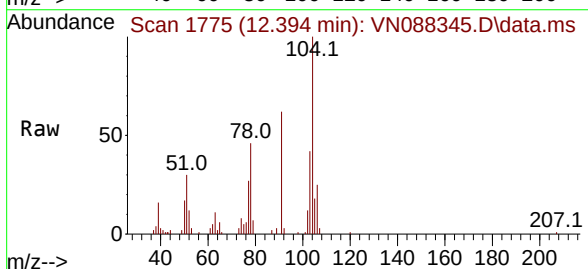
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

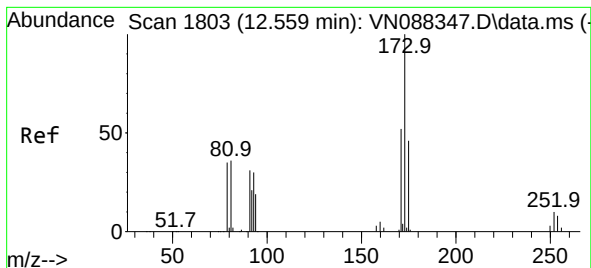
Tgt Ion:106 Resp: 28111
Ion Ratio Lower Upper
106 100
91 236.2 112.9 338.7



#70
Styrene
Concen: 4.327 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:104 Resp: 46583
Ion Ratio Lower Upper
104 100
78 53.5 44.3 66.5
103 55.2 44.2 66.4





#71

Bromoform

Concen: 4.774 ug/l

RT: 12.565 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

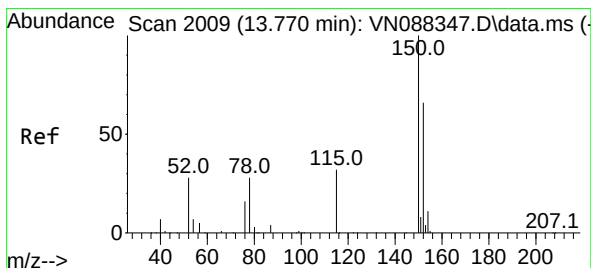
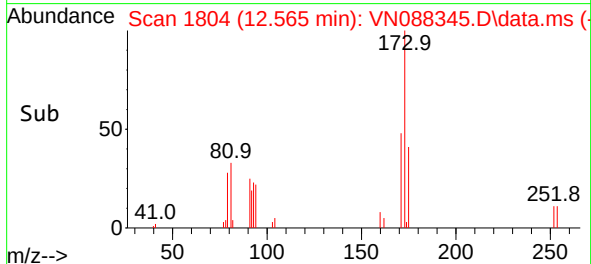
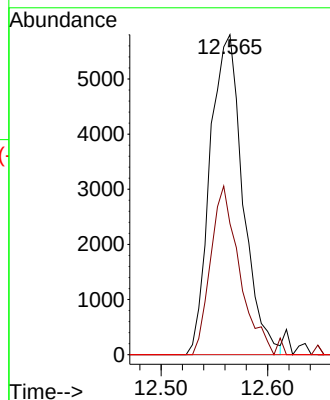
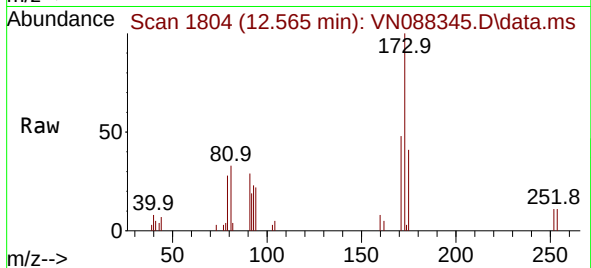
Tgt Ion:173 Resp: 12418

Ion Ratio Lower Upper

173 100

175 46.3 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

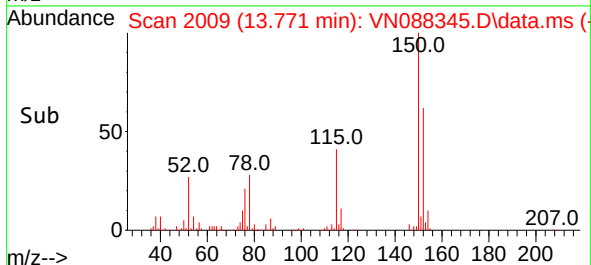
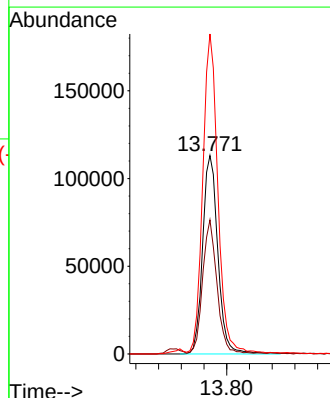
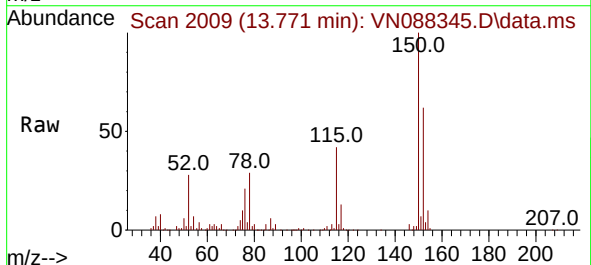
Tgt Ion:152 Resp: 210682

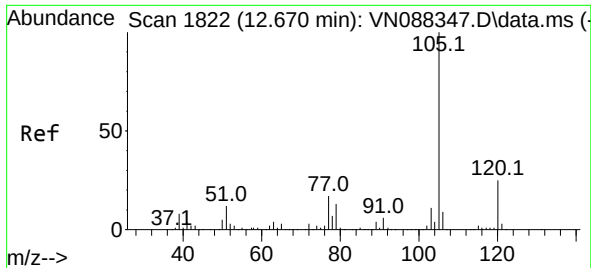
Ion Ratio Lower Upper

152 100

115 62.7 33.0 98.9

150 157.4 0.0 349.0

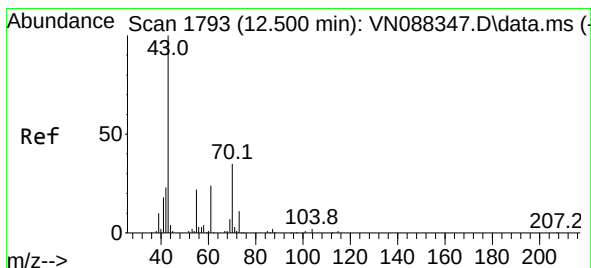
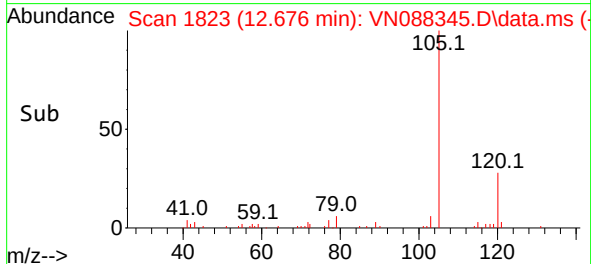
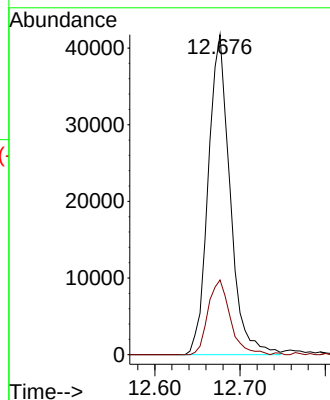
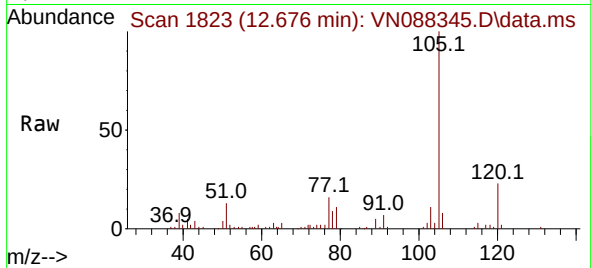




#73
Isopropylbenzene
Concen: 4.486 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

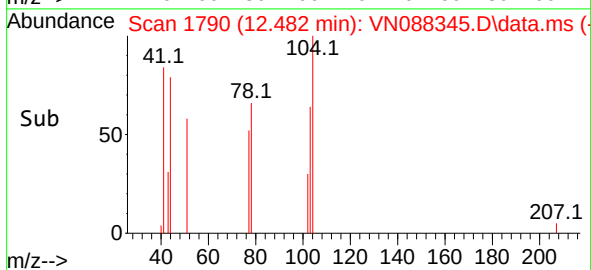
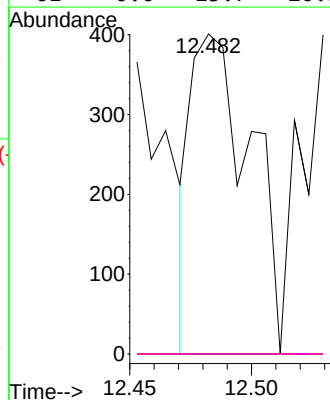
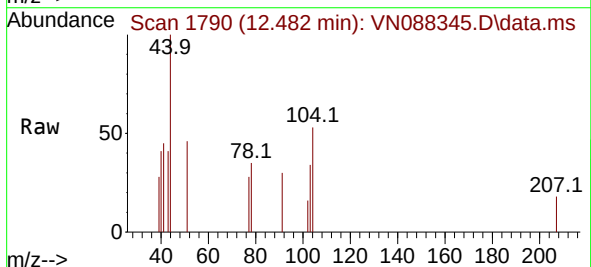
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

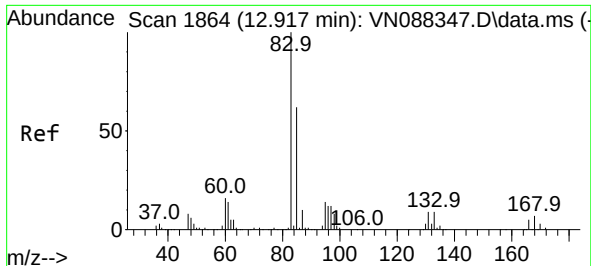
Tgt Ion:105 Resp: 74324
Ion Ratio Lower Upper
105 100
120 23.7 12.8 38.3



#74
N-ethyl acetate
Concen: 0.144 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.017 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.7 26.5#
61 0.0 13.7 20.5#

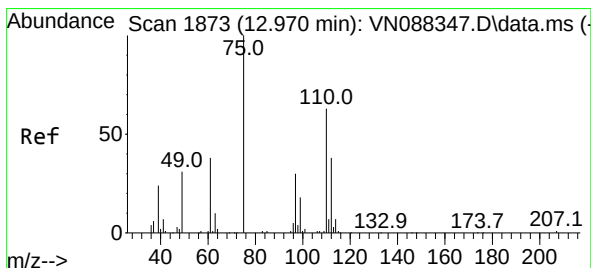
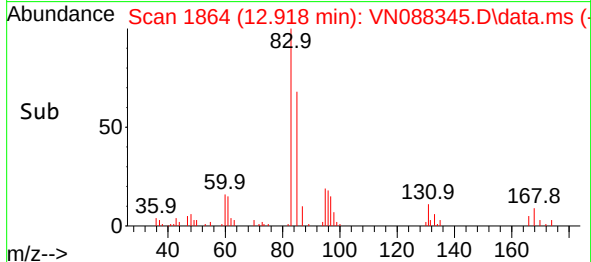
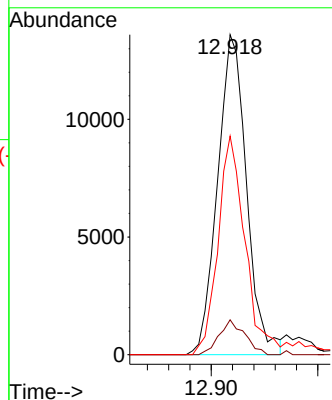
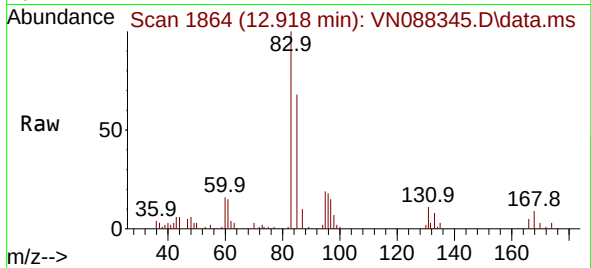




#75
1,1,2,2-Tetrachloroethane
Concen: 4.956 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

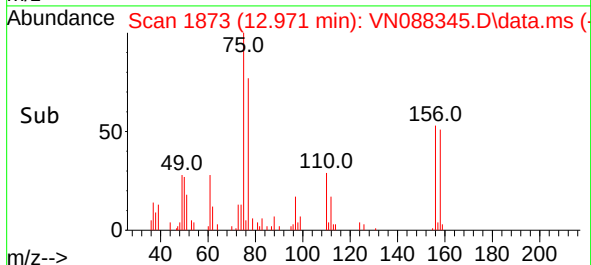
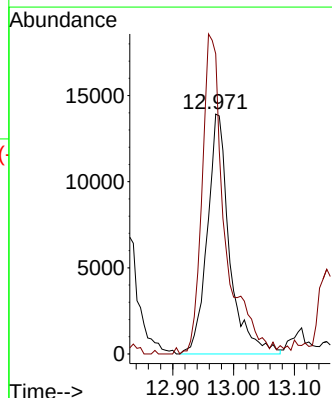
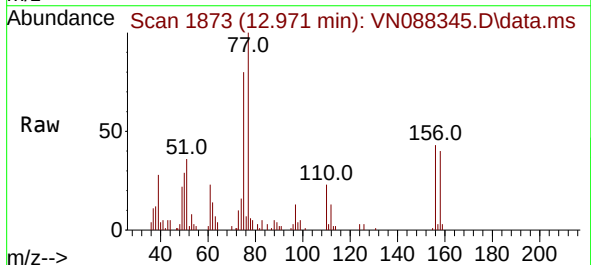
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

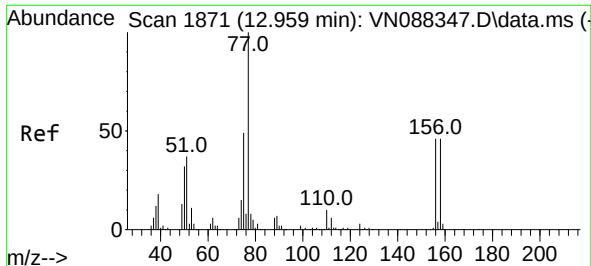
Tgt Ion: 83 Resp: 25666
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.6 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 7.083 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 75 Resp: 35474
Ion Ratio Lower Upper
75 100
77 136.9 87.2 261.6

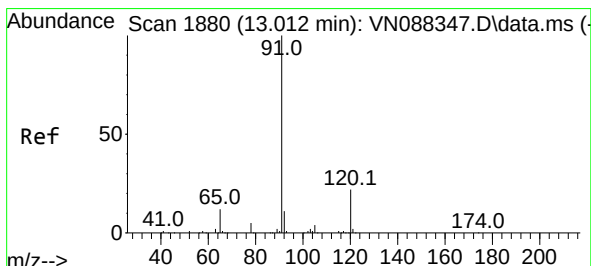
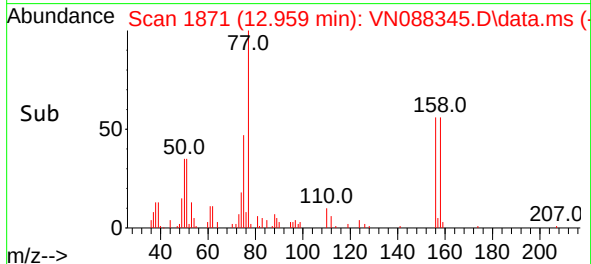
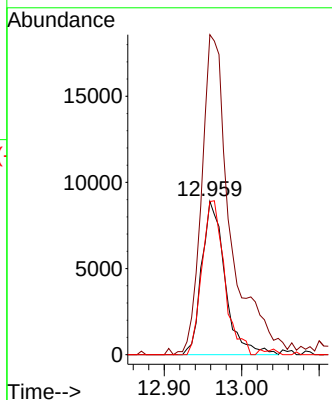
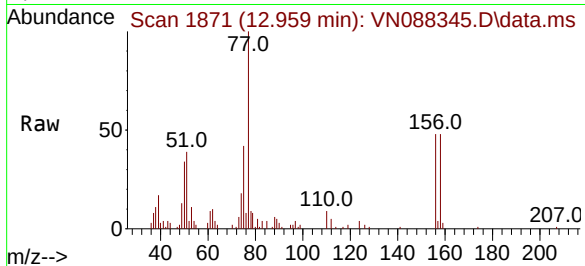




#77
Bromobenzene
Concen: 5.143 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

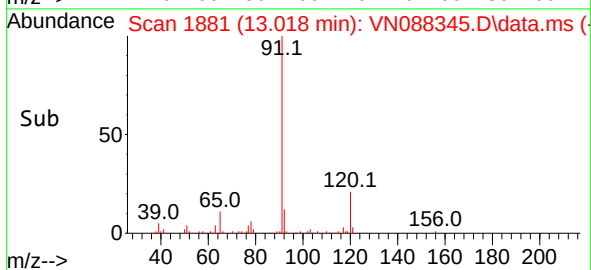
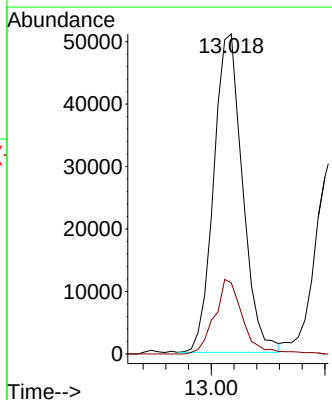
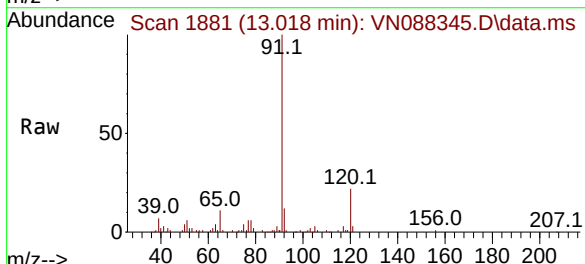
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

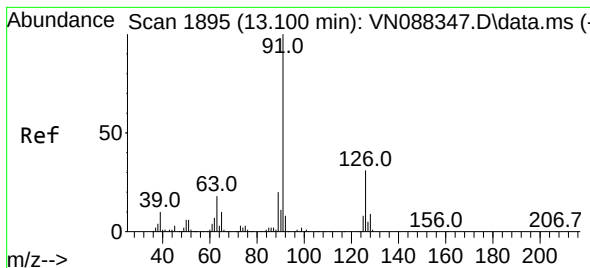
Tgt Ion:156 Resp: 18654
Ion Ratio Lower Upper
156 100
77 260.3 121.6 364.7
158 96.4 48.6 145.8



#78
n-propylbenzene
Concen: 4.455 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 91 Resp: 89952
Ion Ratio Lower Upper
91 100
120 23.0 10.9 32.6





#79

2-Chlorotoluene

Concen: 5.072 ug/l

RT: 13.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

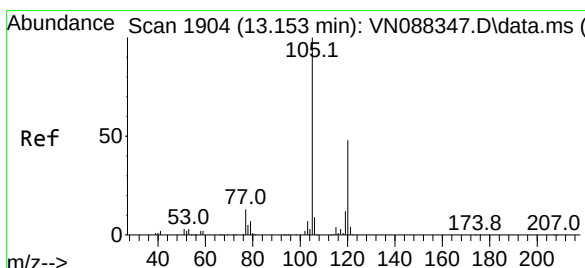
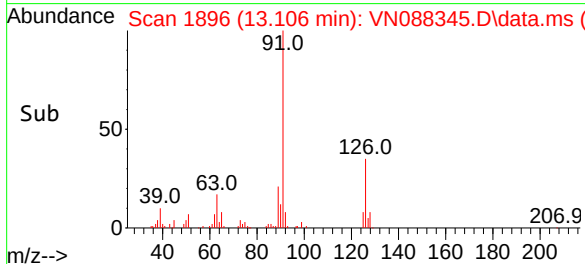
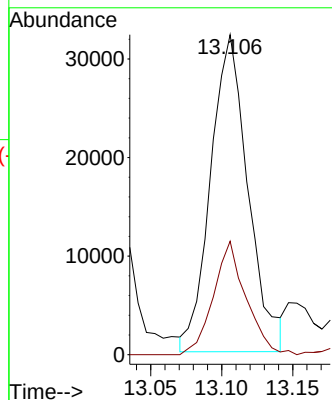
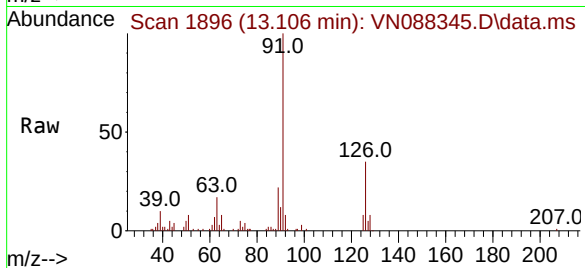
VSTDIC005

Tgt Ion: 91 Resp: 58975

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.9



#80

1,3,5-Trimethylbenzene

Concen: 4.574 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN088345.D

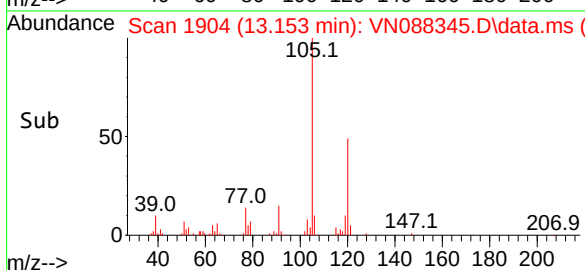
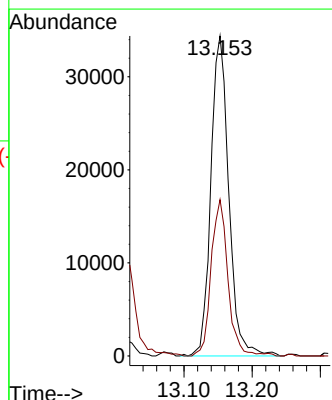
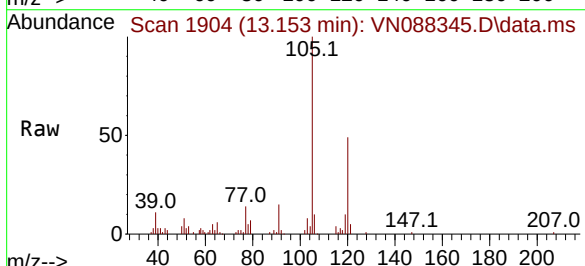
Acq: 24 Nov 2025 13:11

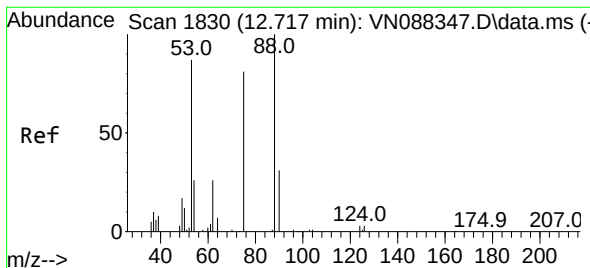
Tgt Ion:105 Resp: 62949

Ion Ratio Lower Upper

105 100

120 45.9 23.8 71.5

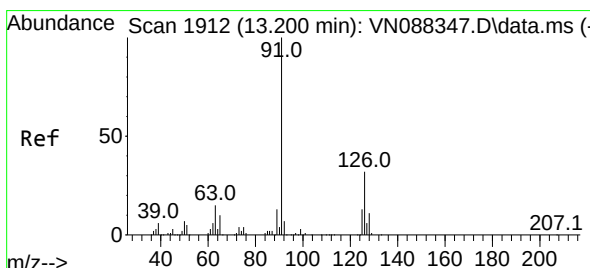
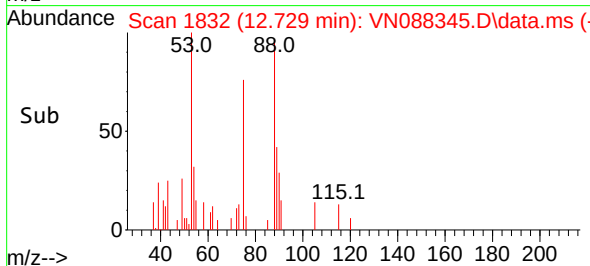
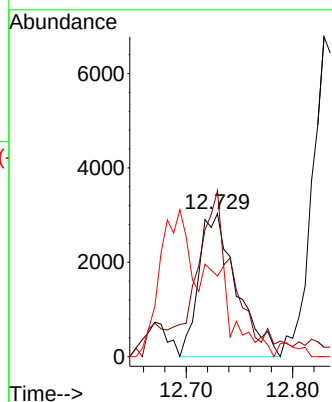
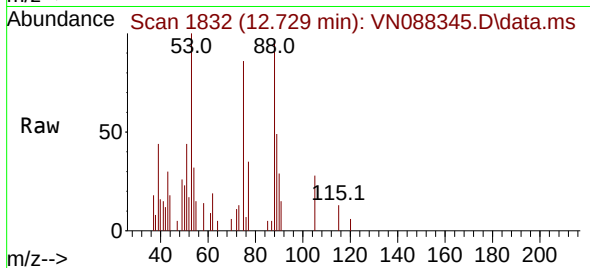




#81
trans-1,4-Dichloro-2-butene
Concen: 4.106 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.012 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

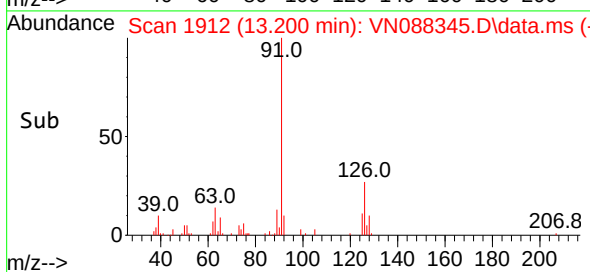
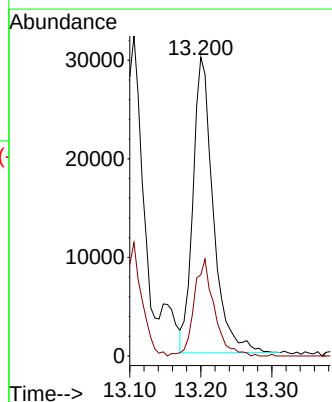
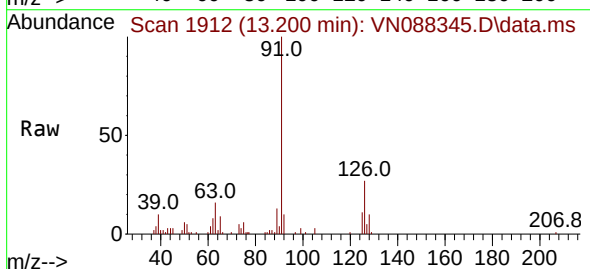
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

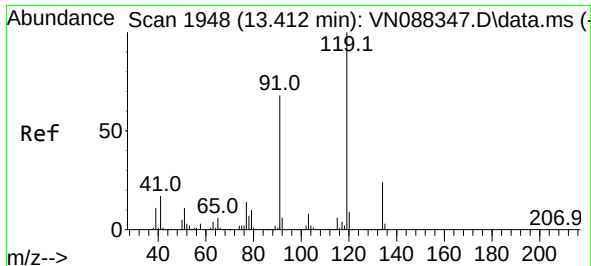
Tgt Ion: 75 Resp: 7483
Ion Ratio Lower Upper
75 100
53 90.9 92.2 138.4#
89 49.7 0.0 0.0#



#82
4-Chlorotoluene
Concen: 4.734 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 91 Resp: 59617
Ion Ratio Lower Upper
91 100
126 32.7 15.6 46.7

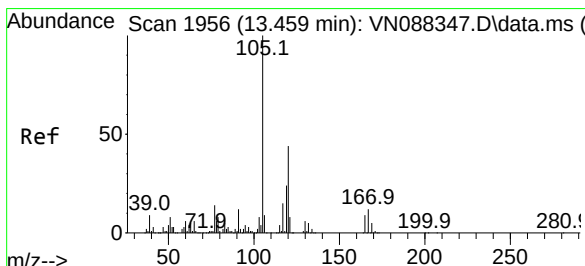
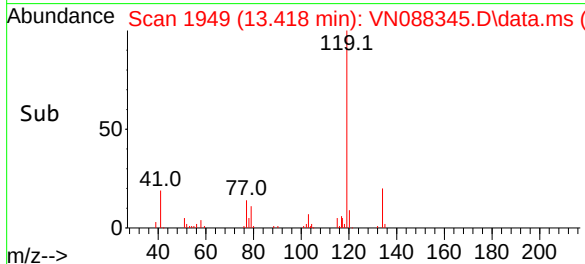
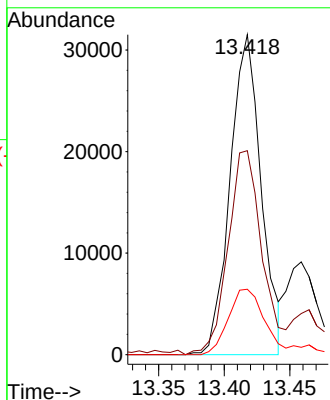
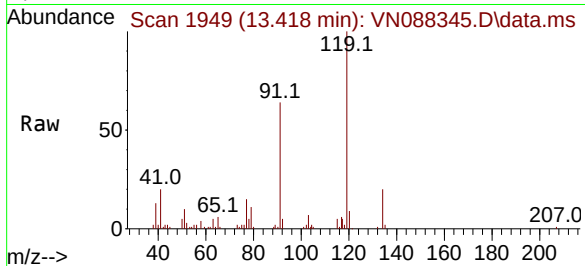




#83
tert-Butylbenzene
Concen: 4.275 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

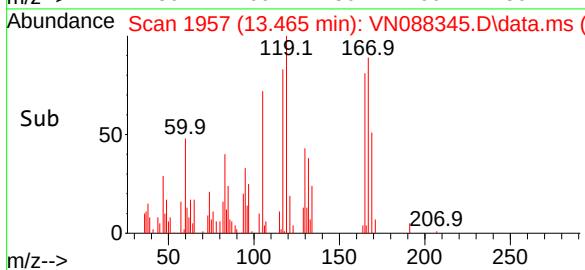
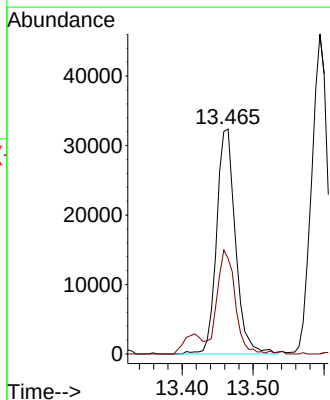
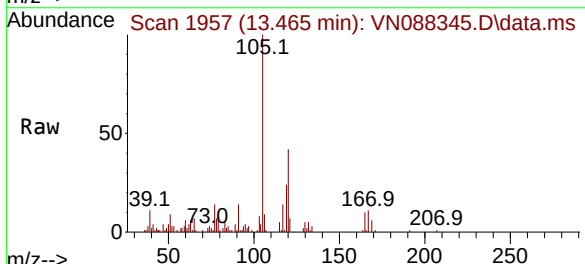
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

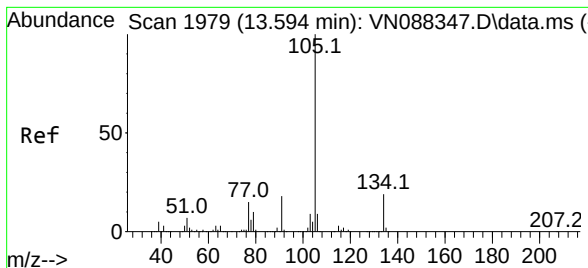
Tgt Ion:119 Resp: 51988
Ion Ratio Lower Upper
119 100
91 69.8 35.1 105.3
134 23.5 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 4.319 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:105 Resp: 59560
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 4.278 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

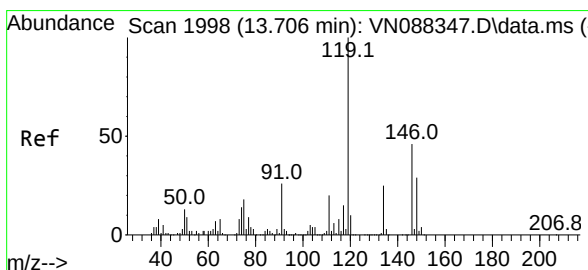
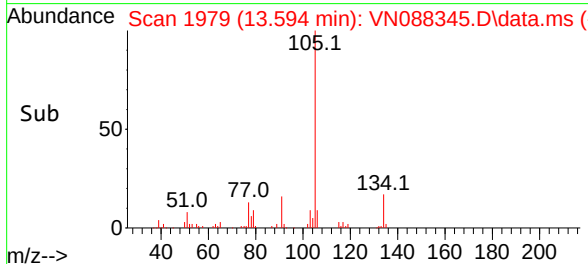
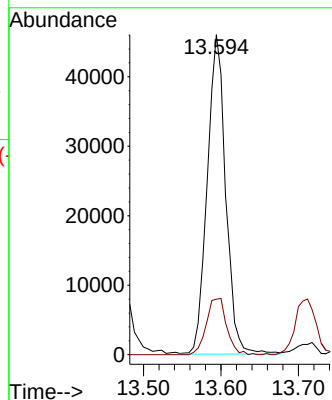
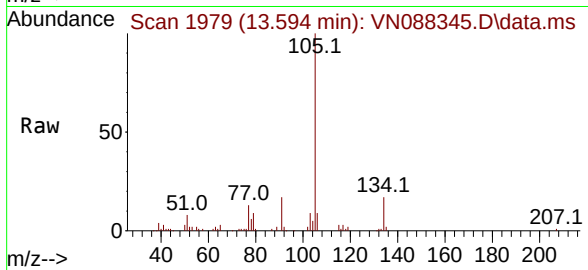
VSTDICC005

Tgt Ion:105 Resp: 76137

Ion Ratio Lower Upper

105 100

134 19.3 9.5 28.5



#86

p-Isopropyltoluene

Concen: 4.127 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

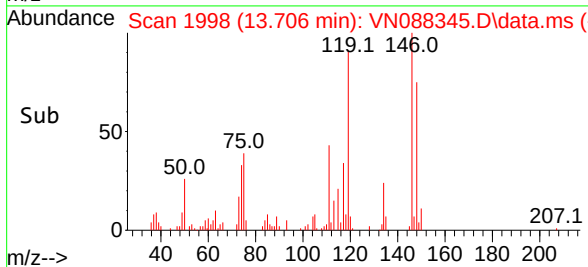
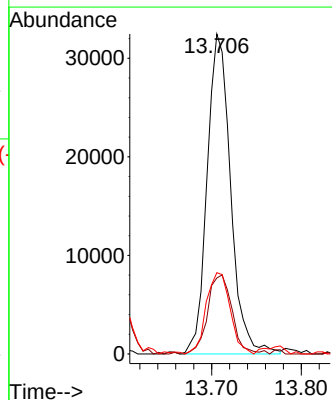
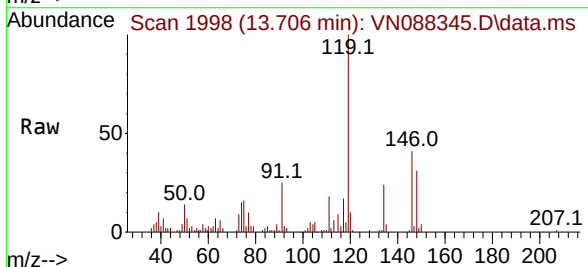
Tgt Ion:119 Resp: 59155

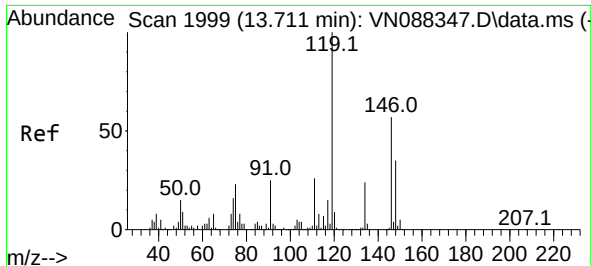
Ion Ratio Lower Upper

119 100

134 25.4 12.2 36.6

91 25.7 13.0 39.0

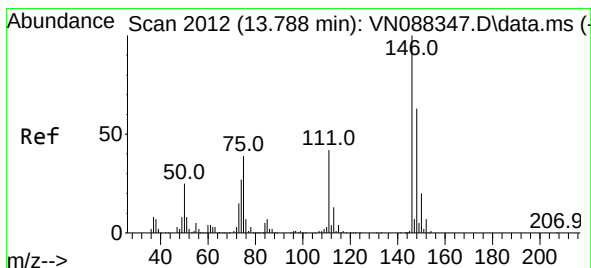
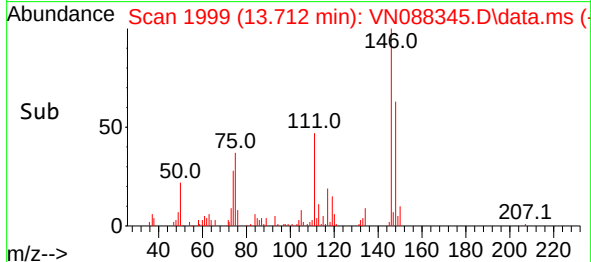
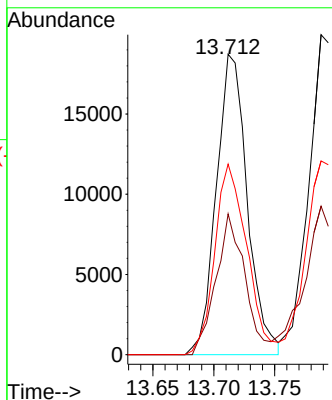
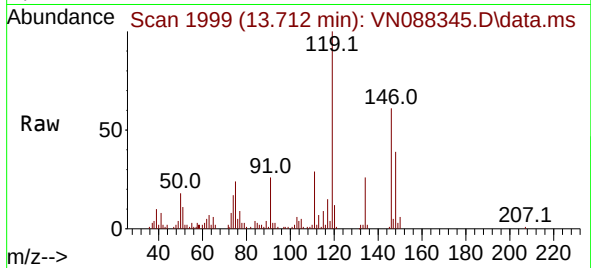




#87
1,3-Dichlorobenzene
Concen: 4.633 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

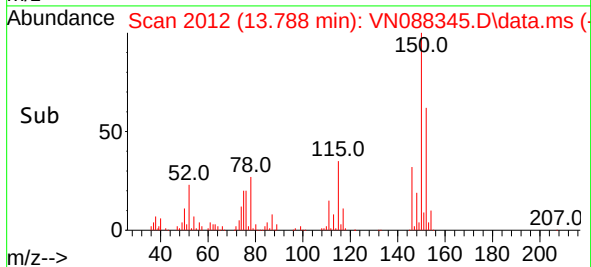
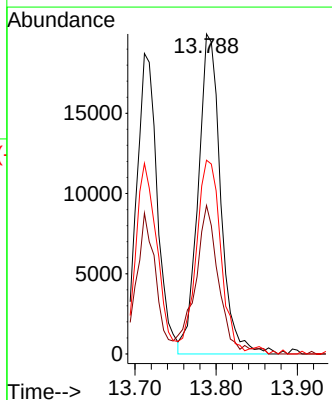
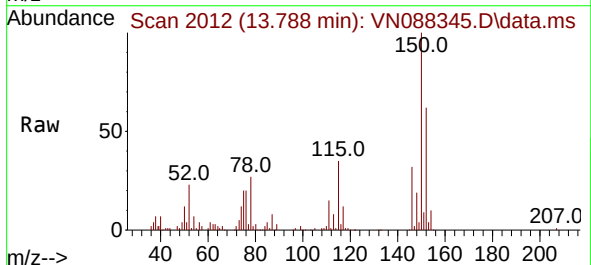
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

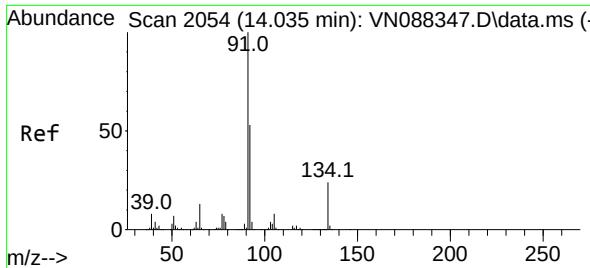
Tgt Ion:146 Resp: 33144
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 66.2 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 4.987 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion:146 Resp: 38453
Ion Ratio Lower Upper
146 100
111 49.2 21.6 64.6
148 65.7 31.0 93.0

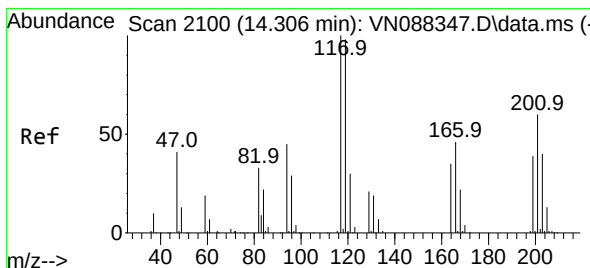
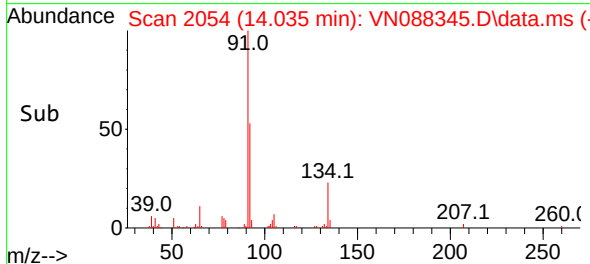
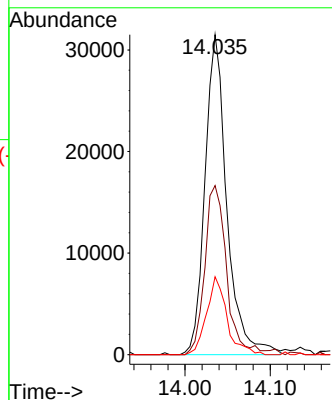
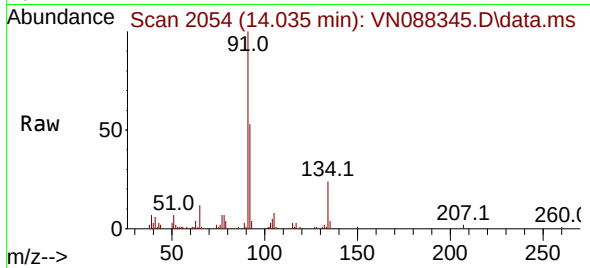




#89
n-Butylbenzene
Concen: 3.979 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

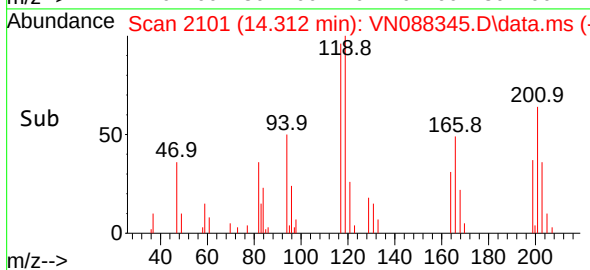
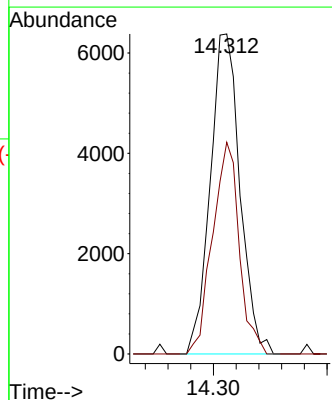
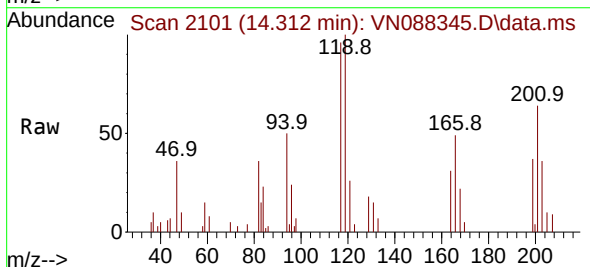
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

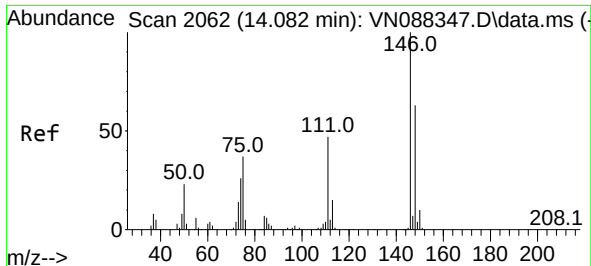
Tgt Ion: 91	Resp: 56132
Ion Ratio	Lower Upper
91	100
92	52.5 26.1 78.3
134	22.7 11.7 35.1



#90
Hexachloroethane
Concen: 4.214 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 117	Resp: 11594
Ion Ratio	Lower Upper
117	100
201	59.3 30.3 90.9

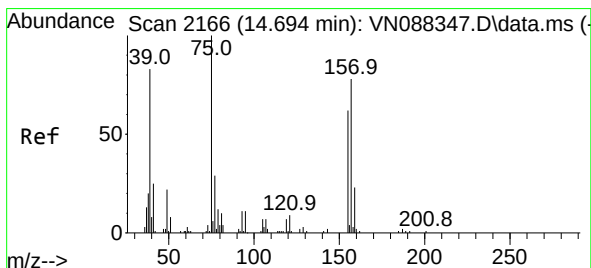
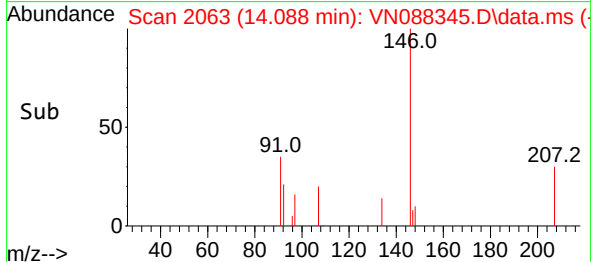
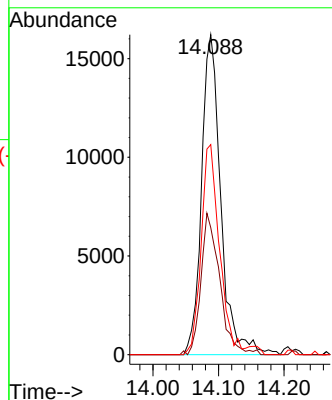
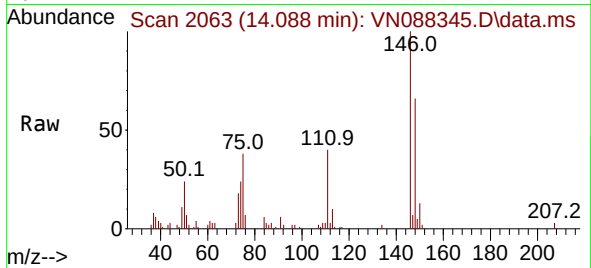




#91
1,2-Dichlorobenzene
Concen: 4.804 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

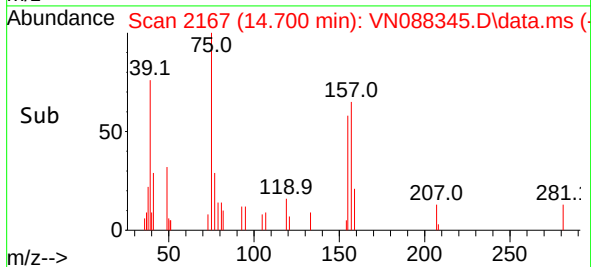
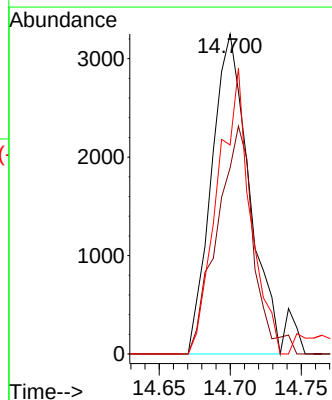
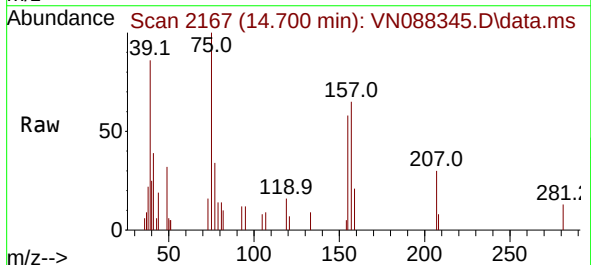
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

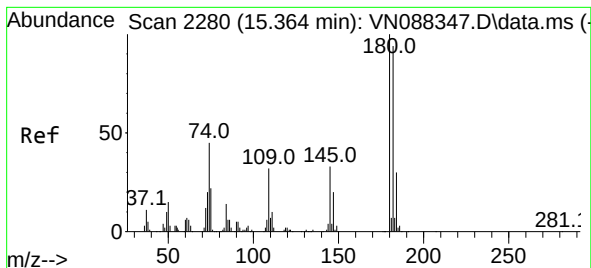
Tgt Ion:146 Resp: 33169
Ion Ratio Lower Upper
146 100
111 43.1 23.3 69.9
148 62.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.862 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088345.D
Acq: 24 Nov 2025 13:11

Tgt Ion: 75 Resp: 5979
Ion Ratio Lower Upper
75 100
155 68.9 33.7 101.1
157 78.0 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 4.379 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

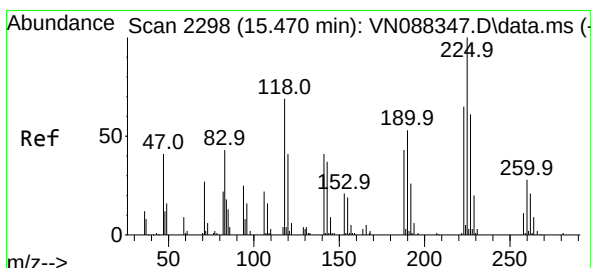
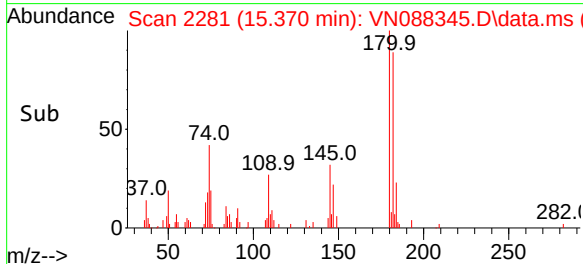
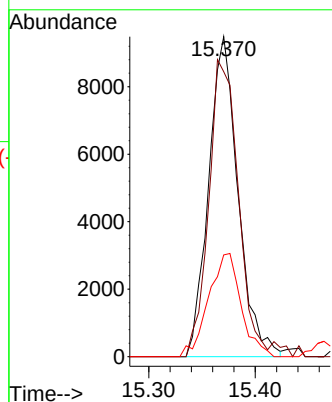
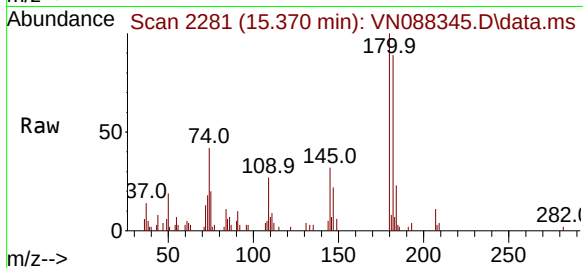
Tgt Ion:180 Resp: 18203

Ion Ratio Lower Upper

180 100

182 92.8 46.1 138.2

145 35.5 16.7 50.1



#94

Hexachlorobutadiene

Concen: 4.376 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

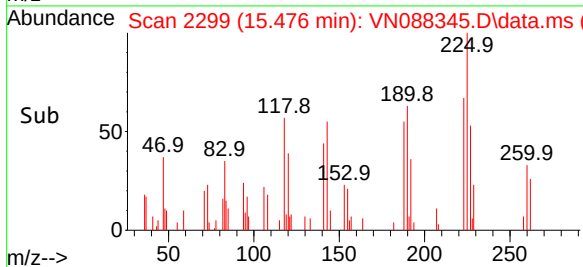
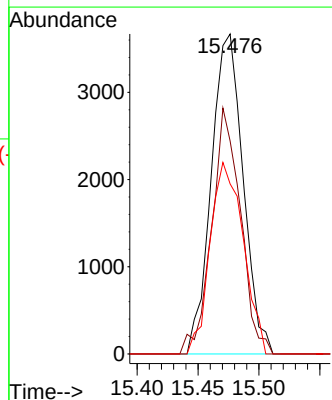
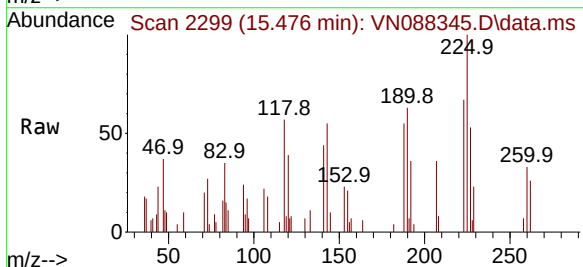
Tgt Ion:225 Resp: 6667

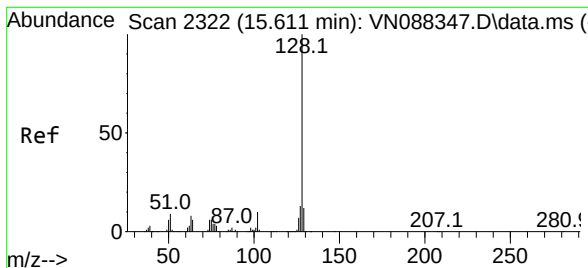
Ion Ratio Lower Upper

225 100

223 69.6 32.3 96.8

227 62.2 29.9 89.8





#95

Naphthalene

Concen: 4.195 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

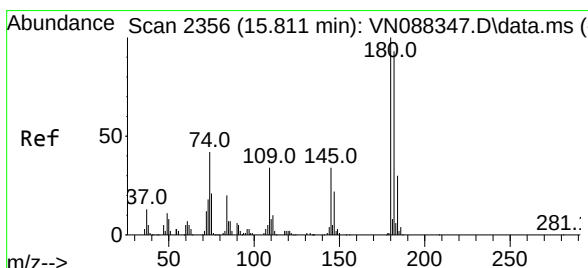
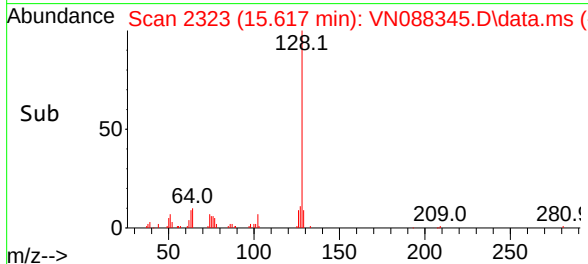
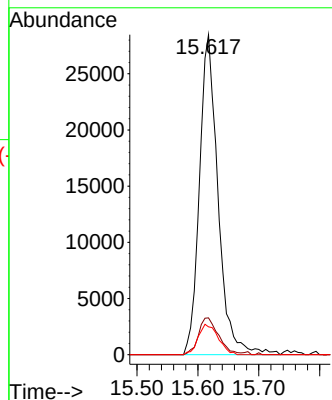
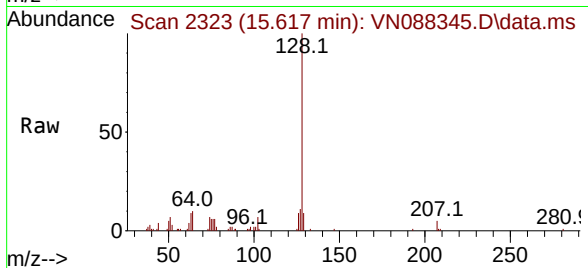
Tgt Ion:128 Resp: 60329

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 10.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 4.465 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN088345.D

Acq: 24 Nov 2025 13:11

Tgt Ion:180 Resp: 17918

Ion Ratio Lower Upper

180 100

182 96.9 45.9 137.7

145 34.6 17.8 53.4

