

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048200.D
 Acq On : 17 Oct 2025 09:35
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 17 23:52:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	152243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	45441	19.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	38.540%#
35) Dibromofluoromethane	5.373	113	35347	19.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.260%#
50) Toluene-d8	8.634	98	123286	19.003	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	38.000%#
62) 4-Bromofluorobenzene	11.061	95	44537	18.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	37.700%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	28393	17.769	ug/l	96
3) Chloromethane	1.300	50	34807	17.981	ug/l	96
4) Vinyl Chloride	1.380	62	36678	17.981	ug/l	98
5) Bromomethane	1.624	94	25004	18.725	ug/l	94
6) Chloroethane	1.697	64	23829	18.357	ug/l	93
7) Trichlorofluoromethane	1.898	101	59127	18.467	ug/l	98
8) Diethyl Ether	2.136	74	19758	18.092	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	32626	18.083	ug/l	99
10) Methyl Iodide	2.459	142	35802	16.567	ug/l	96
11) Tert butyl alcohol	2.940	59	13042	83.338	ug/l	100
12) 1,1-Dichloroethene	2.325	96	31576	17.899	ug/l	99
13) Acrolein	2.239	56	30162	91.708	ug/l	98
14) Allyl chloride	2.666	41	57446	18.102	ug/l	98
15) Acrylonitrile	3.056	53	72649	96.879	ug/l	99
16) Acetone	2.373	43	78714	97.833	ug/l	98
17) Carbon Disulfide	2.514	76	99127	18.263	ug/l	100
18) Methyl Acetate	2.703	43	31105	18.981	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	99980	18.814	ug/l	97
20) Methylene Chloride	2.788	84	36931	18.842	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	33933	18.592	ug/l	96
22) Diisopropyl ether	3.751	45	117739	18.948	ug/l	97
23) Vinyl Acetate	3.715	43	445135	95.805	ug/l	99
24) 1,1-Dichloroethane	3.605	63	67274	19.084	ug/l	98
25) 2-Butanone	4.538	43	88683	94.609	ug/l	98
26) 2,2-Dichloropropane	4.465	77	54360	18.041	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	40384	18.644	ug/l	99
28) Bromochloromethane	4.885	49	26888	16.547	ug/l	99
29) Tetrahydrofuran	4.995	42	51429	93.427	ug/l	97
30) Chloroform	5.080	83	68996	18.590	ug/l	94
31) Cyclohexane	5.464	56	55383	19.200	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	58321	19.125	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44106	17.386	ug/l	99
37) Ethyl Acetate	4.702	43	38648	19.063	ug/l	97
38) Carbon Tetrachloride	5.666	117	52596	18.063	ug/l	97
39) Methylcyclohexane	7.366	83	52276	18.276	ug/l	99
40) Benzene	6.025	78	137544	18.259	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20924	19.271	ug/l	96
42) 1,2-Dichloroethane	6.068	62	51415	19.051	ug/l	99
43) Isopropyl Acetate	6.324	43	63854	18.762	ug/l	100
44) Trichloroethene	7.110	130	35880	18.900	ug/l	100
45) 1,2-Dichloropropane	7.415	63	37083	19.451	ug/l	97
46) Dibromomethane	7.568	93	25284	18.432	ug/l	96
47) Bromodichloromethane	7.805	83	56507	19.060	ug/l	99
48) Methyl methacrylate	7.677	41	33005	18.945	ug/l	99
49) 1,4-Dioxane	7.641	88	6318	402.877	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	182185	96.201	ug/l	99
52) Toluene	8.702	92	85262	18.832	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	52066	18.746	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	57193	18.893	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	32118	19.012	ug/l	98
56) Ethyl methacrylate	9.104	69	43616	18.983	ug/l	97
57) 1,3-Dichloropropane	9.293	76	56015	18.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	109951	87.551	ug/l	98
59) 2-Hexanone	9.415	43	127723	96.420	ug/l	98
60) Dibromochloromethane	9.506	129	40353	19.084	ug/l	100
61) 1,2-Dibromoethane	9.592	107	32476	18.749	ug/l	99
64) Tetrachloroethene	9.256	164	29834	18.076	ug/l	96
65) Chlorobenzene	10.061	112	95567	18.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	33146	17.871	ug/l	99
67) Ethyl Benzene	10.177	91	159512	18.078	ug/l	99
68) m/p-Xylenes	10.287	106	122901	37.388	ug/l	100
69) o-Xylene	10.622	106	56391	18.223	ug/l	98
70) Styrene	10.640	104	100737	18.912	ug/l	100
71) Bromoform	10.780	173	24913	18.292	ug/l #	100
73) Isopropylbenzene	10.945	105	147885	18.467	ug/l	99
74) N-amyl acetate	10.829	43	54555	18.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42852	18.889	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	45741	26.017	ug/l	80
77) Bromobenzene	11.183	156	36931	18.429	ug/l	98
78) n-propylbenzene	11.286	91	180587	18.596	ug/l	99
79) 2-Chlorotoluene	11.347	91	110822	18.889	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	123979	18.861	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12895	17.959	ug/l	95
82) 4-Chlorotoluene	11.439	91	129814	18.828	ug/l	100
83) tert-Butylbenzene	11.695	119	120319	18.118	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	124103	18.960	ug/l	98
85) sec-Butylbenzene	11.872	105	149810	18.453	ug/l	98
86) p-Isopropyltoluene	11.994	119	126086	18.425	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	68717	18.336	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	70018	18.024	ug/l	97
89) n-Butylbenzene	12.311	91	113088	17.742	ug/l	99
90) Hexachloroethane	12.518	117	25630	17.745	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	64353	18.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7531	18.167	ug/l	90
93) 1,2,4-Trichlorobenzene	13.567	180	36816	17.613	ug/l	99
94) Hexachlorobutadiene	13.707	225	13549	16.807	ug/l	98
95) Naphthalene	13.756	128	99425	18.045	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	33905	17.580	ug/l	96

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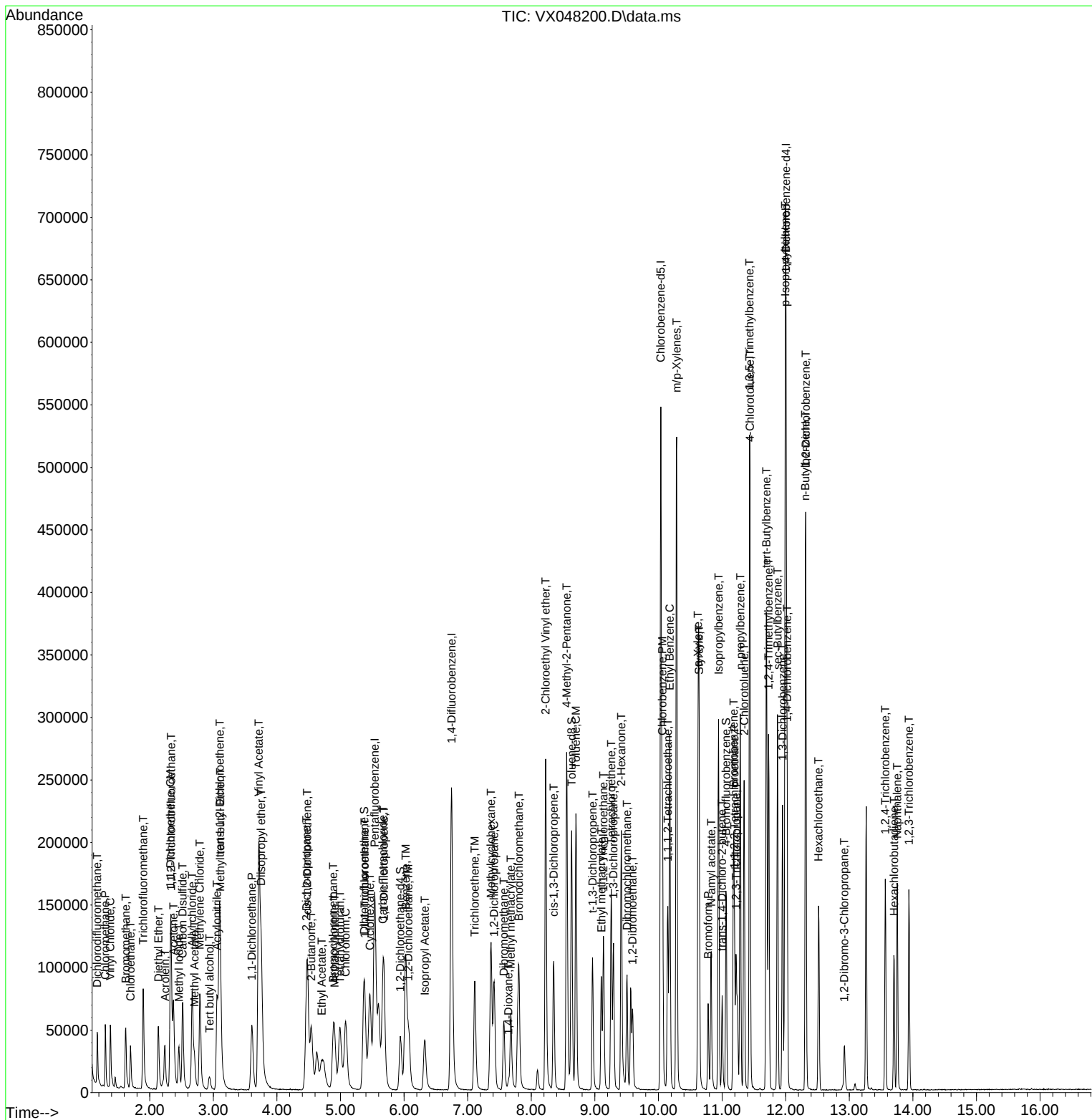
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

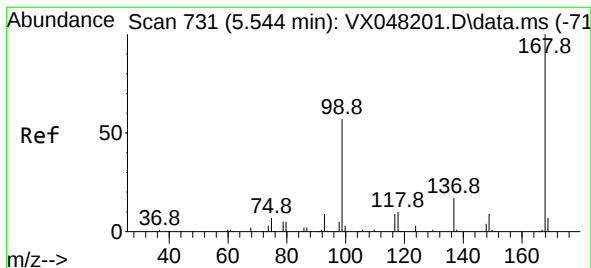
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX048200.D

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Instrument :

MSVOA_X

ClientSampleId :

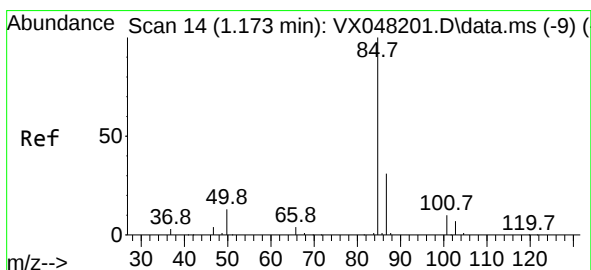
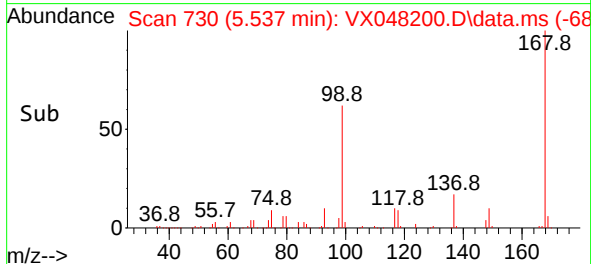
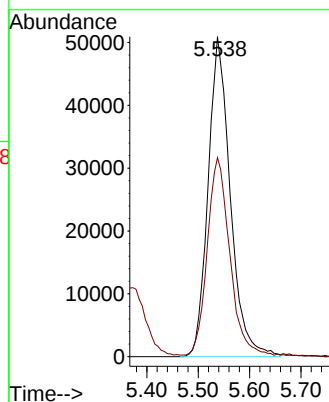
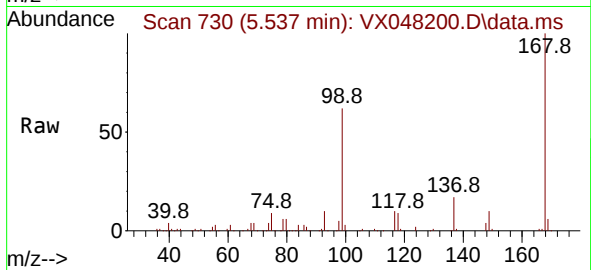
VSTDICC020

Tgt Ion:168 Resp: 152243

Ion Ratio Lower Upper

168 100

99 61.7 46.4 69.6



#2

Dichlorodifluoromethane

Concen: 17.769 ug/l

RT: 1.172 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX048200.D

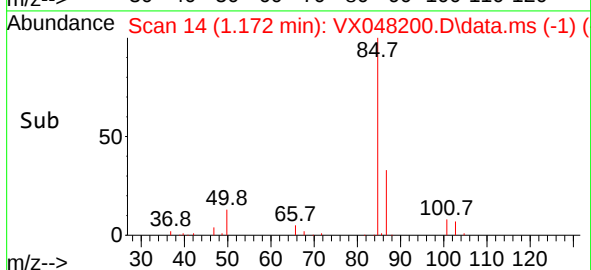
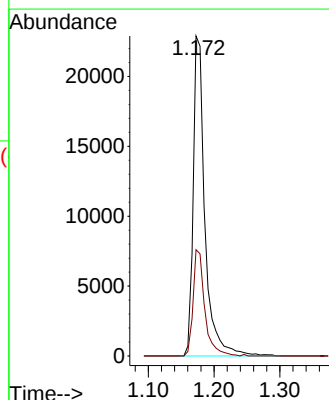
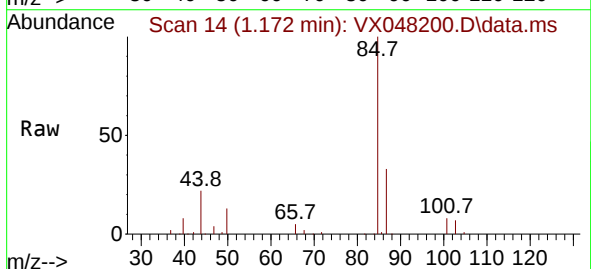
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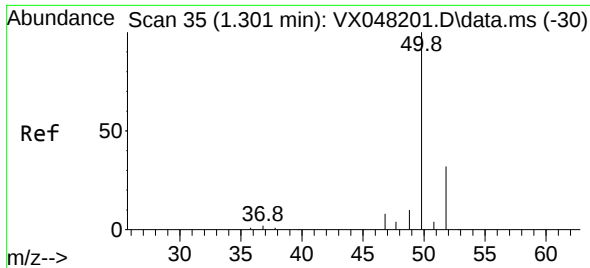
Tgt Ion: 85 Resp: 28393

Ion Ratio Lower Upper

85 100

87 32.9 15.3 45.9

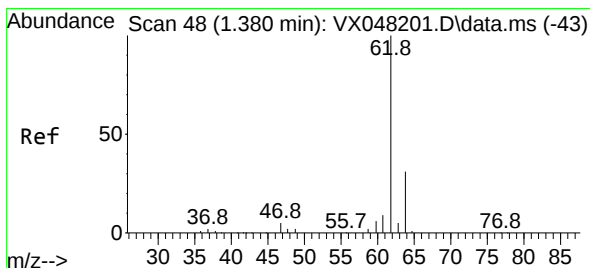
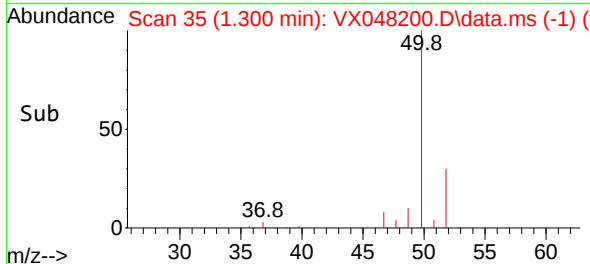
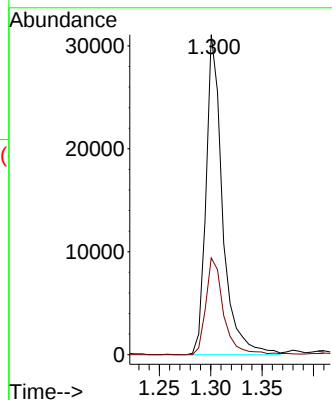
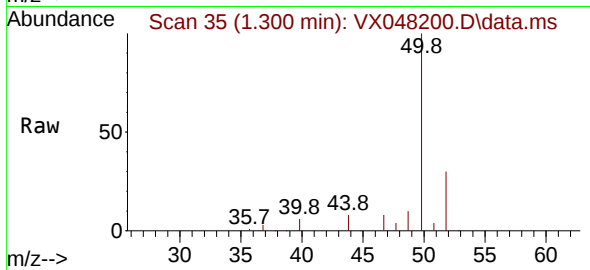




#3
Chloromethane
Concen: 17.981 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

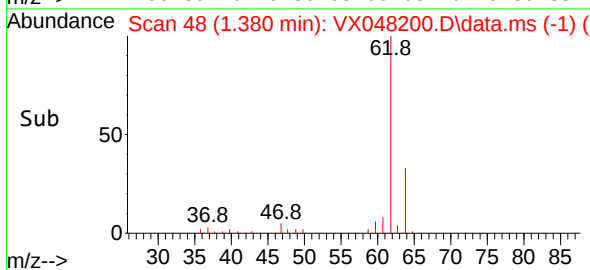
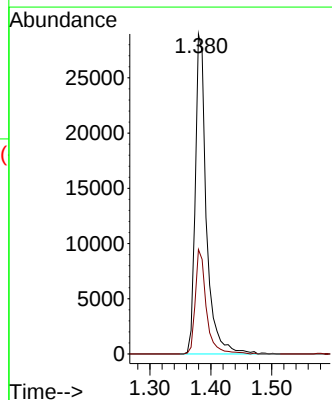
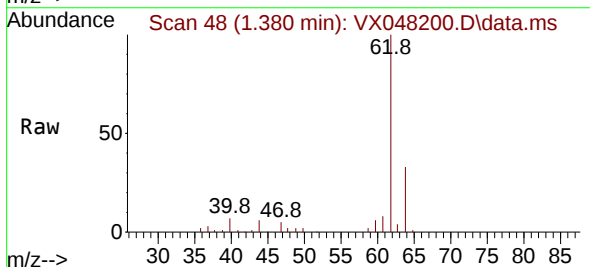
Instrument :
MSVOA_X
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VSTDIC020

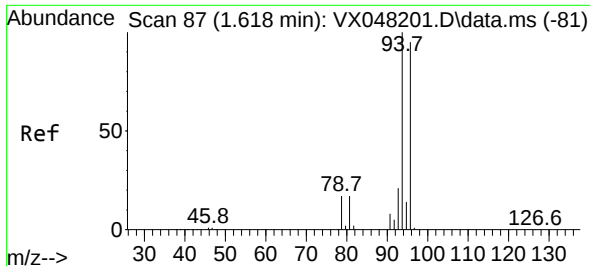
Tgt Ion: 50 Resp: 34807
Ion Ratio Lower Upper
50 100
52 30.3 25.9 38.9



#4
Vinyl Chloride
Concen: 17.981 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 62 Resp: 36678
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7

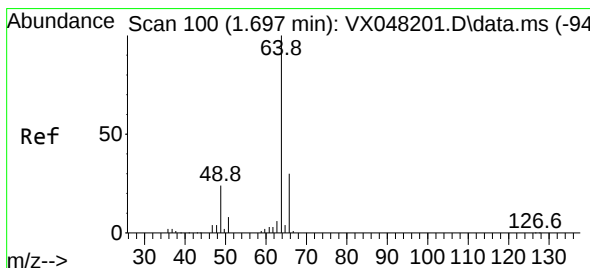
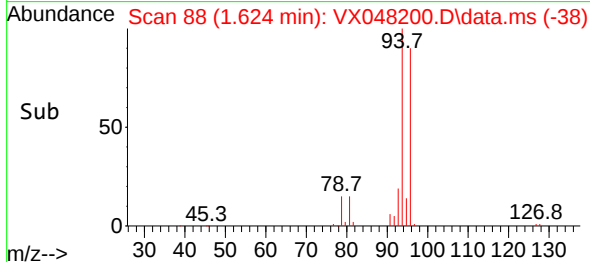
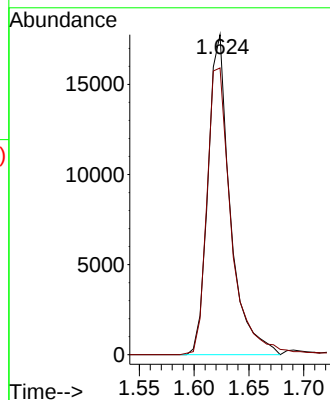
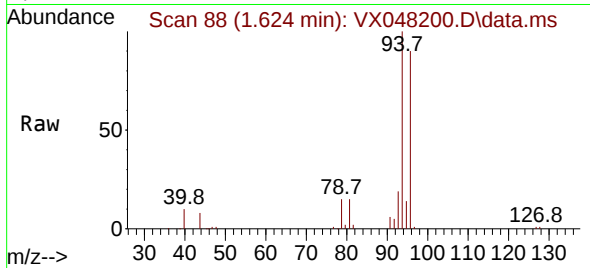




#5
Bromomethane
Concen: 18.725 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

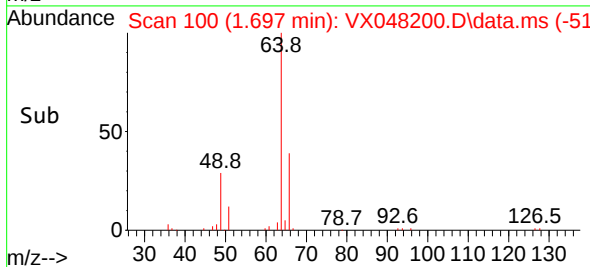
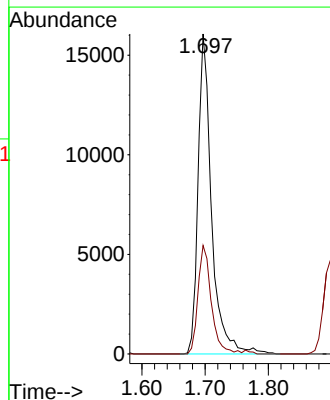
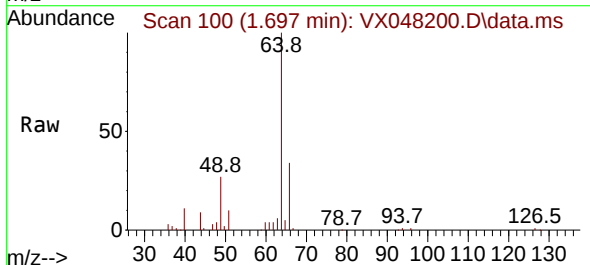
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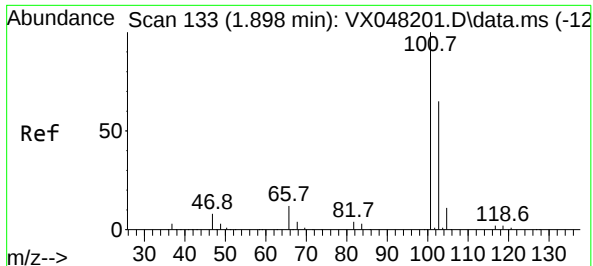
Tgt Ion: 94 Resp: 25004
Ion Ratio Lower Upper
94 100
96 89.6 76.0 114.0



#6
Chloroethane
Concen: 18.357 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 64 Resp: 23829
Ion Ratio Lower Upper
64 100
66 33.9 23.9 35.9

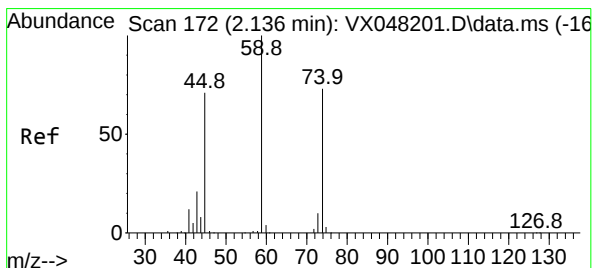
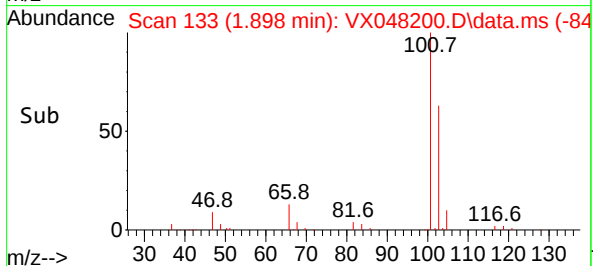
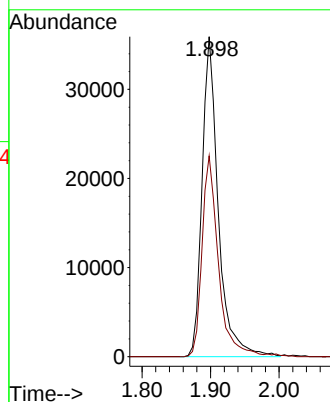
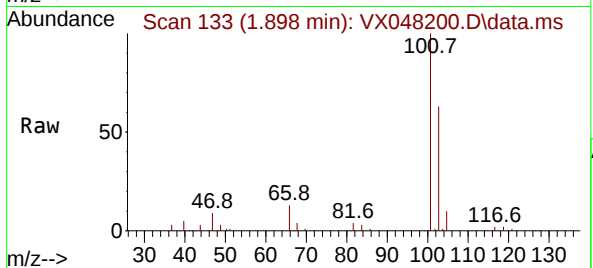




#7
 Trichlorofluoromethane
 Concen: 18.467 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

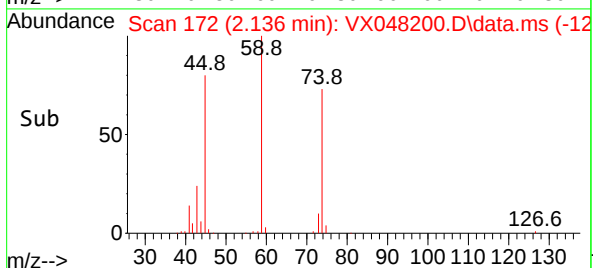
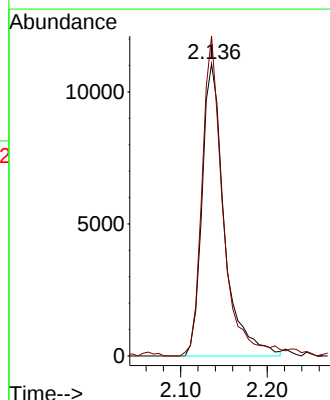
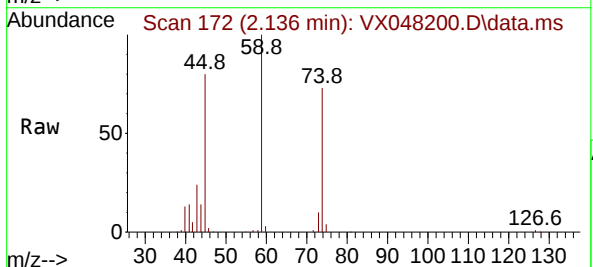
Instrument :
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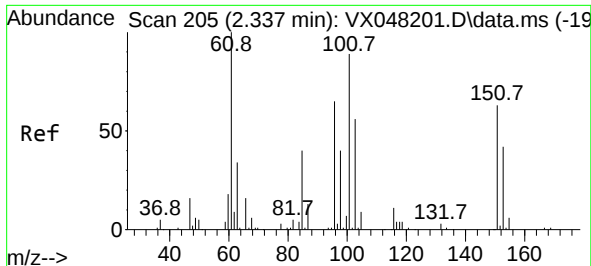
Tgt Ion:101 Resp: 59127
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.6 77.4



#8
 Diethyl Ether
 Concen: 18.092 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 19758
 Ion Ratio Lower Upper
 74 100
 45 102.9 50.0 149.8

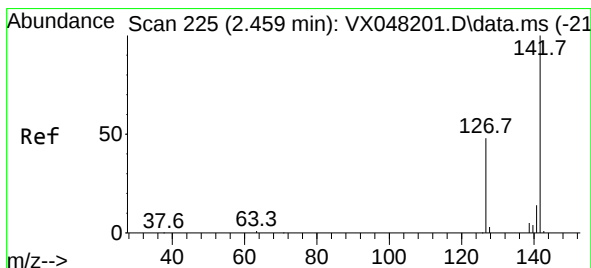
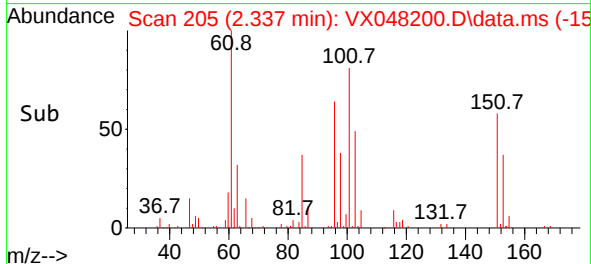
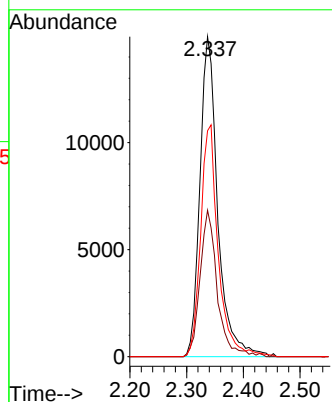
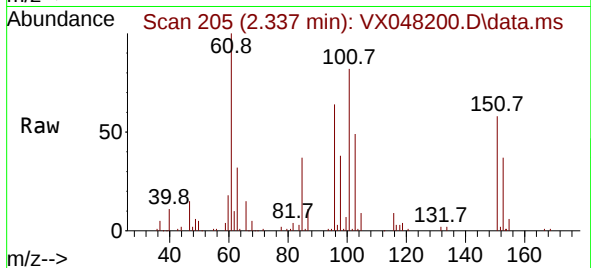




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.083 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

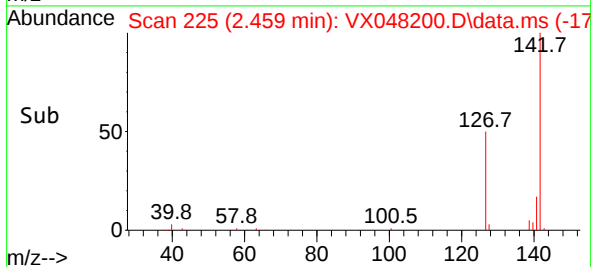
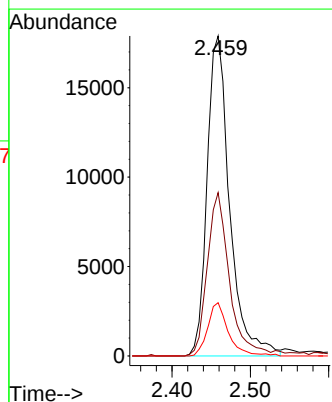
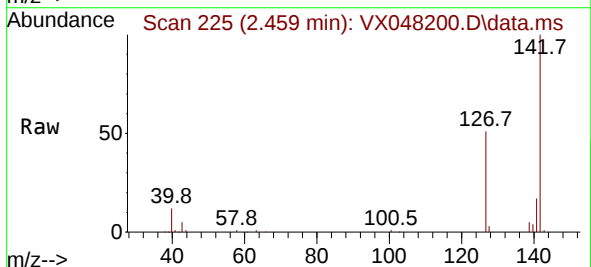
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

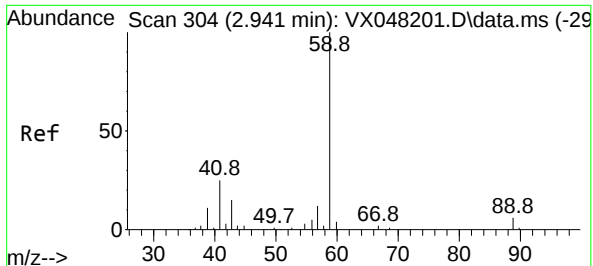
Tgt Ion:101 Resp: 32626
Ion Ratio Lower Upper
101 100
85 44.3 35.6 53.4
151 71.6 58.0 87.0



#10
Methyl Iodide
Concen: 16.567 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:142 Resp: 35802
Ion Ratio Lower Upper
142 100
127 50.8 38.5 57.7
141 15.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 83.338 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

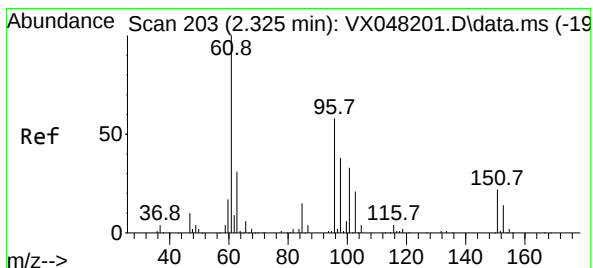
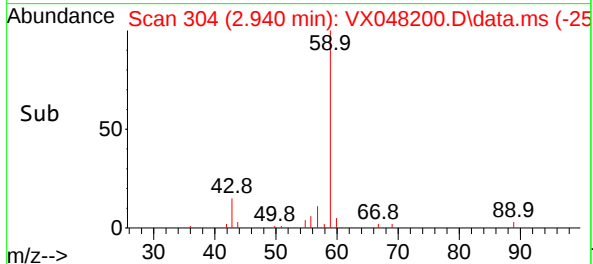
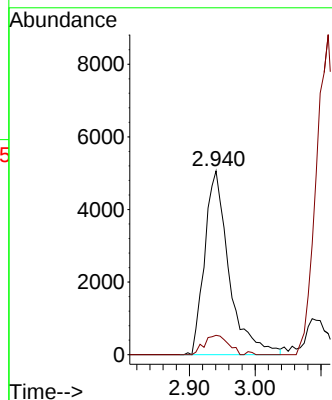
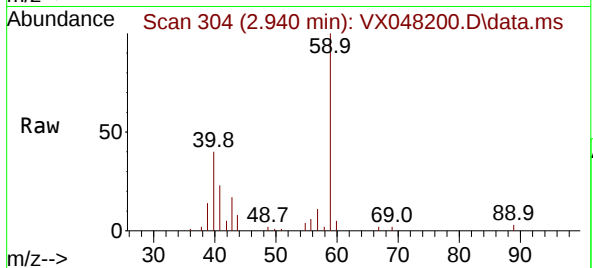
VSTDIC020

Tgt Ion: 59 Resp: 13042

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 17.899 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

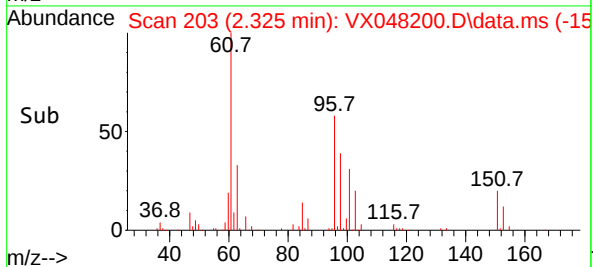
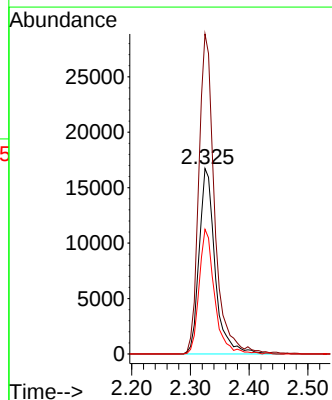
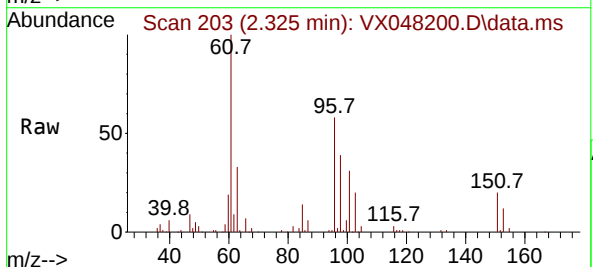
Tgt Ion: 96 Resp: 31576

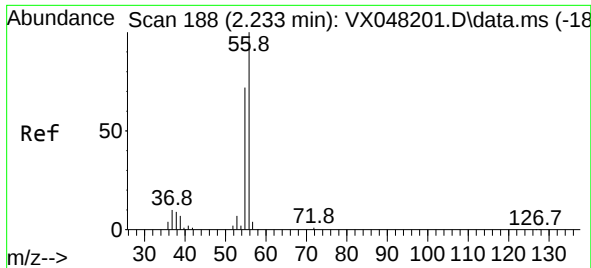
Ion Ratio Lower Upper

96 100

61 172.6 139.0 208.6

98 67.2 52.4 78.6





#13

Acrolein

Concen: 91.708 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

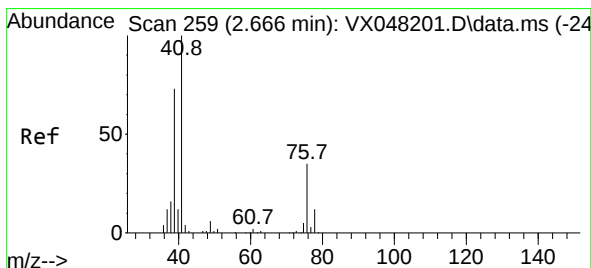
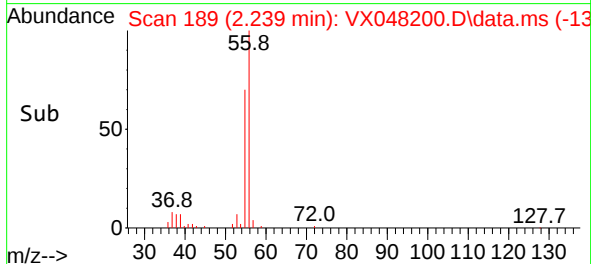
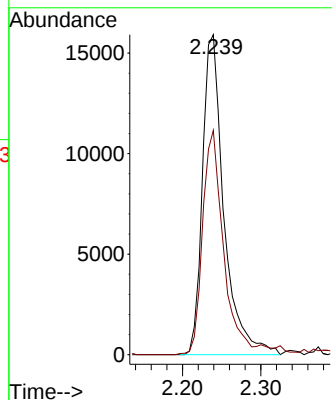
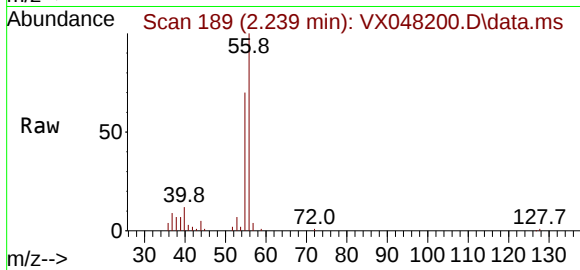
VSTDIC020

Tgt Ion: 56 Resp: 30162

Ion Ratio Lower Upper

56 100

55 68.1 56.1 84.1



#14

Allyl chloride

Concen: 18.102 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

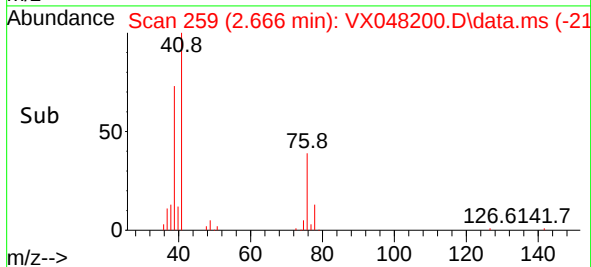
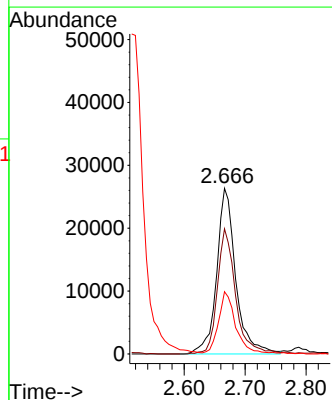
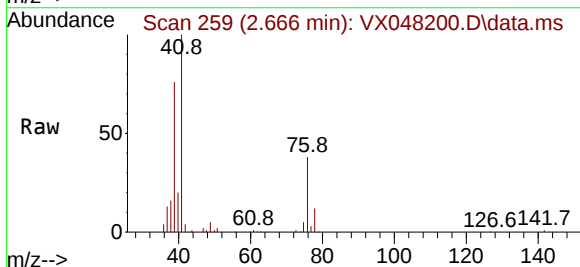
Tgt Ion: 41 Resp: 57446

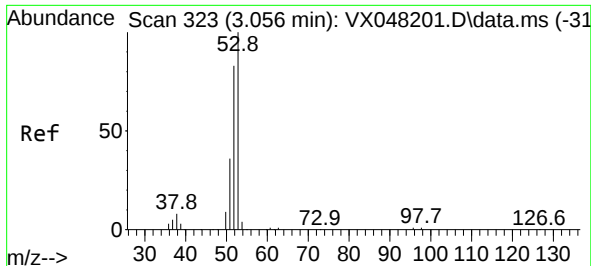
Ion Ratio Lower Upper

41 100

39 72.3 56.0 84.0

76 33.8 27.5 41.3

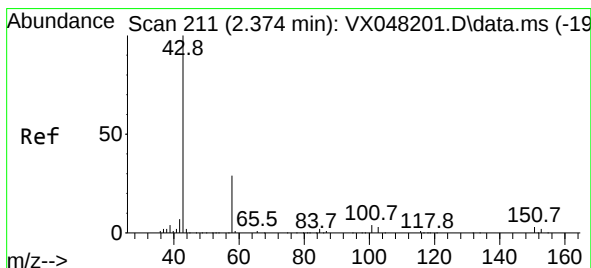
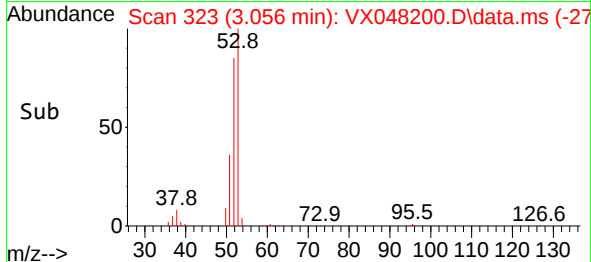
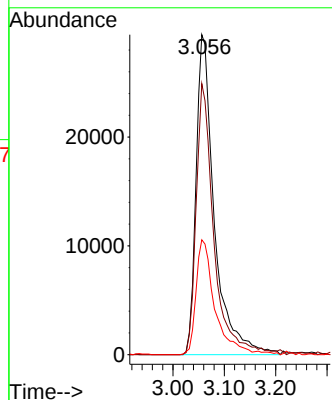
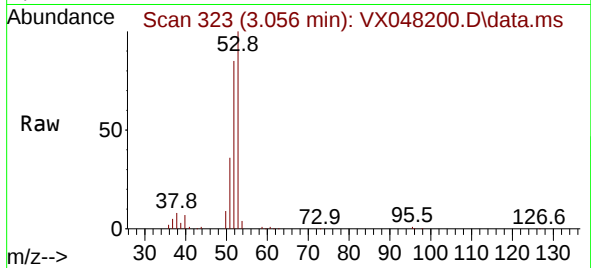




#15
Acrylonitrile
Concen: 96.879 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

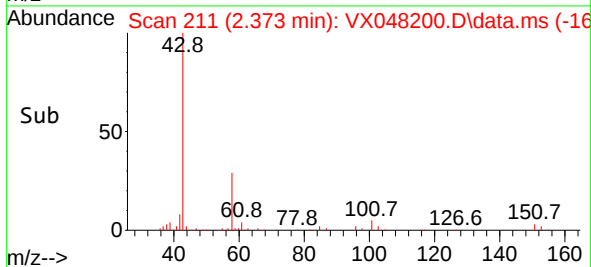
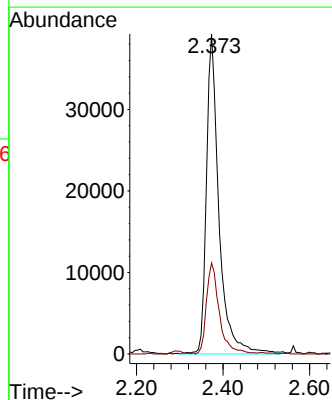
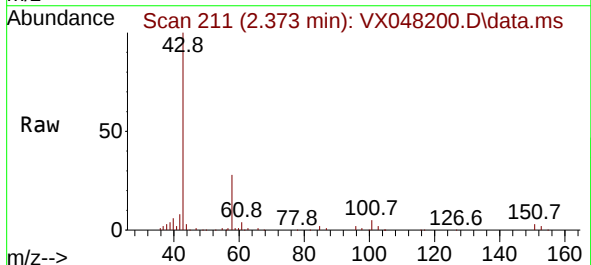
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

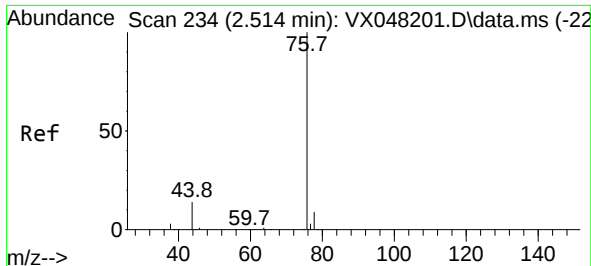
Tgt Ion: 53 Resp: 72649
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 37.5 29.0 43.4



#16
Acetone
Concen: 97.833 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 78714
Ion Ratio Lower Upper
43 100
58 28.3 23.4 35.2





#17

Carbon Disulfide

Concen: 18.263 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

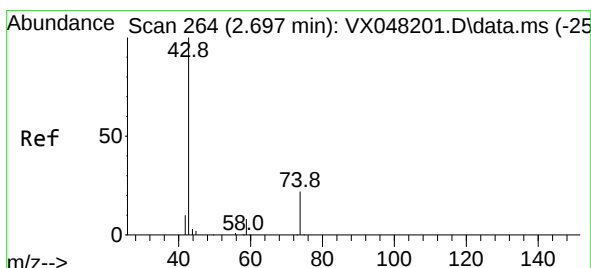
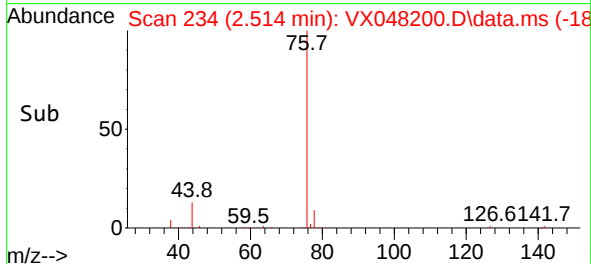
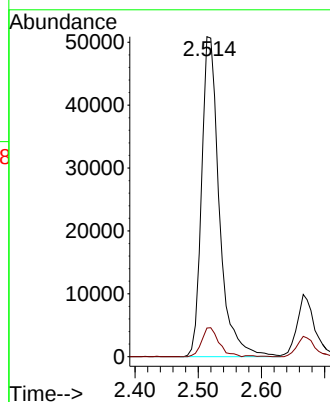
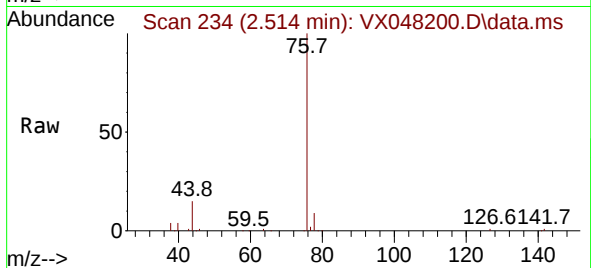
VSTDIC020

Tgt Ion: 76 Resp: 99127

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 18.981 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048200.D

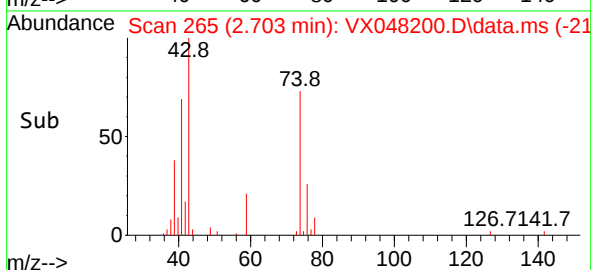
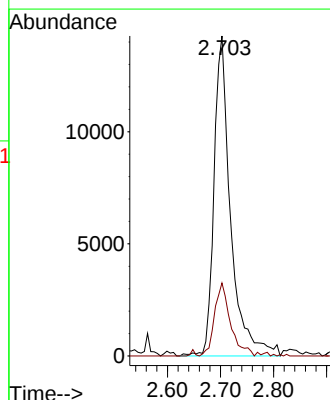
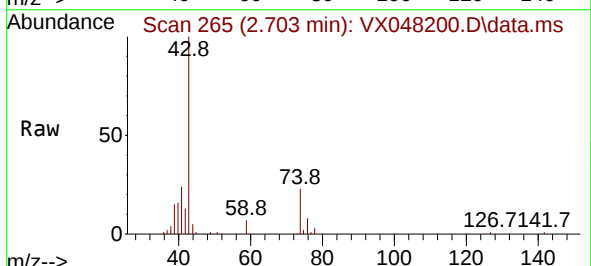
Acq: 17 Oct 2025 09:35

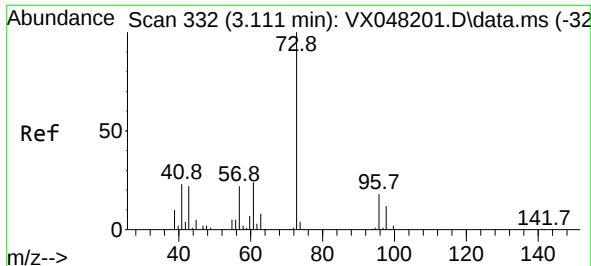
Tgt Ion: 43 Resp: 31105

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3

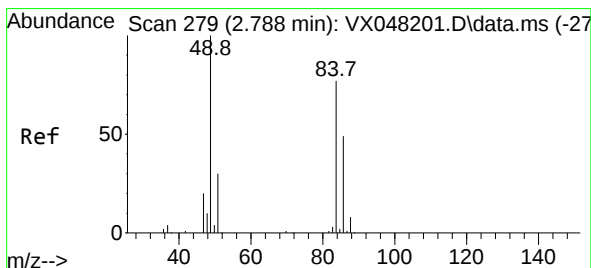
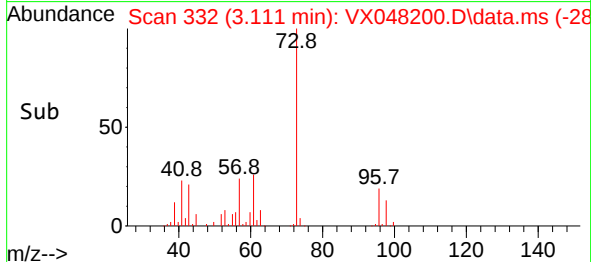
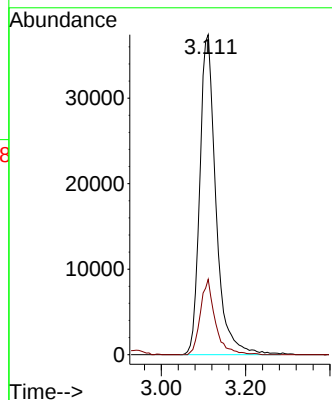
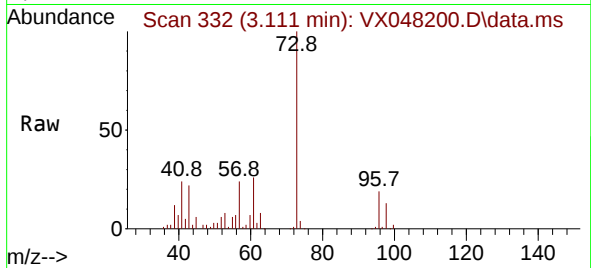




#19
Methyl tert-butyl Ether
Concen: 18.814 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

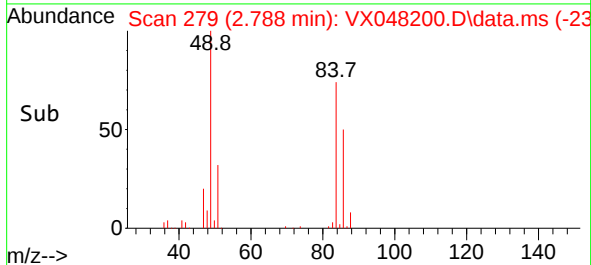
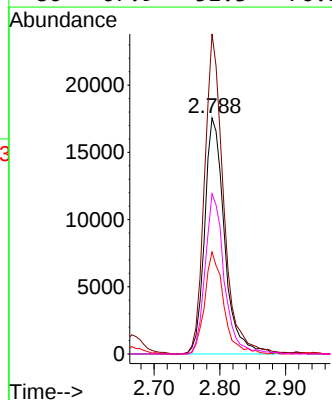
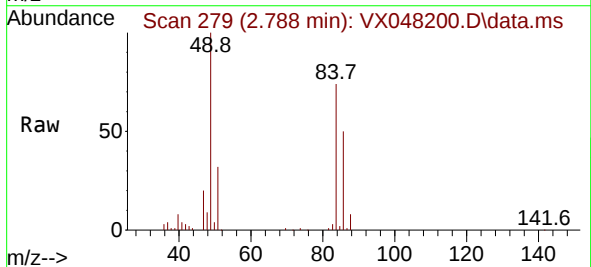
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

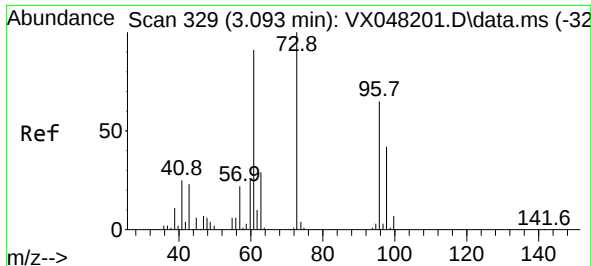
Tgt Ion: 73 Resp: 99980
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#20
Methylene Chloride
Concen: 18.842 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 84 Resp: 36931
Ion Ratio Lower Upper
84 100
49 135.7 104.1 156.1
51 43.2 31.3 46.9
86 67.9 51.3 76.9

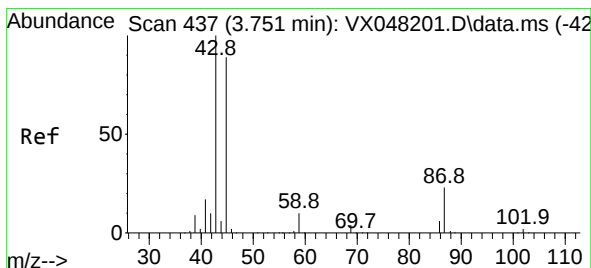
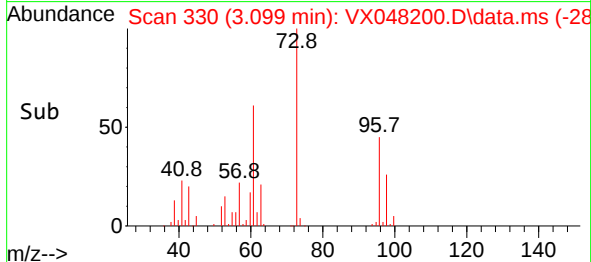
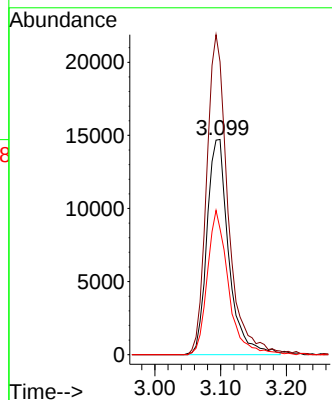
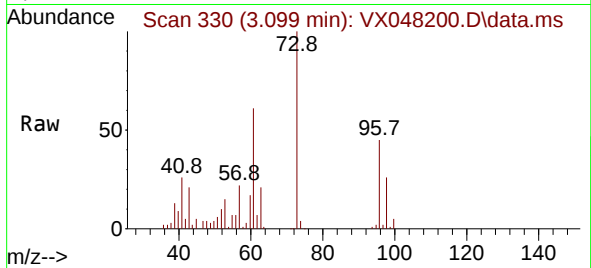




#21
trans-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

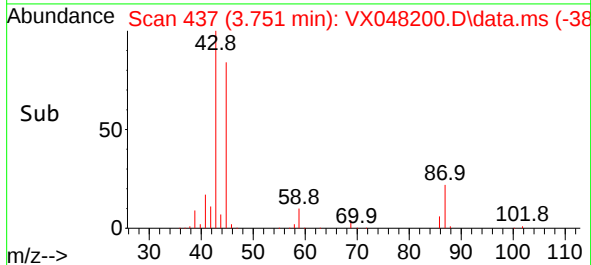
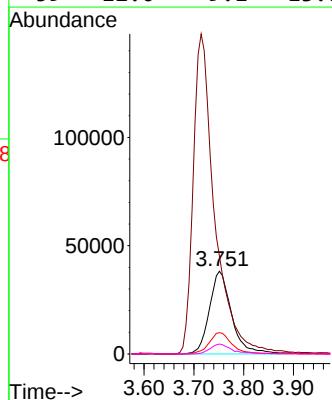
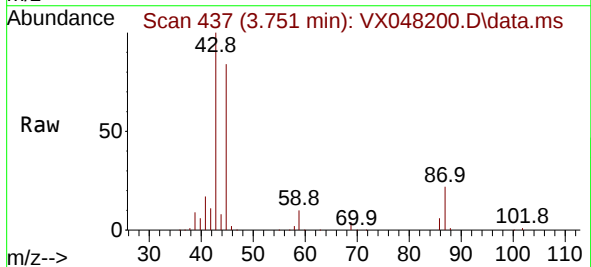
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

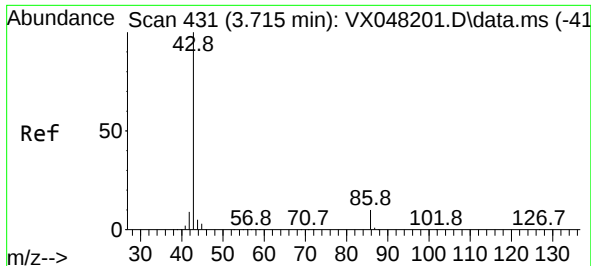
Tgt Ion: 96 Resp: 33933
Ion Ratio Lower Upper
96 100
61 136.0 111.9 167.9
98 58.4 51.2 76.8



#22
Diisopropyl ether
Concen: 18.948 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 45 Resp: 117739
Ion Ratio Lower Upper
45 100
43 116.6 89.8 134.8
87 25.7 20.6 31.0
59 12.0 9.1 13.7

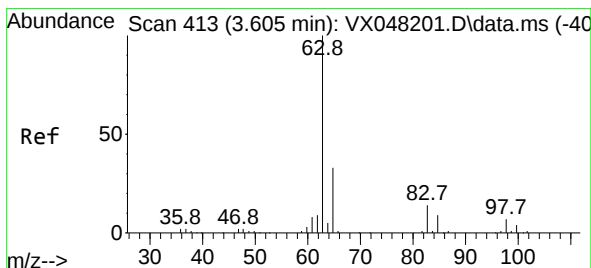
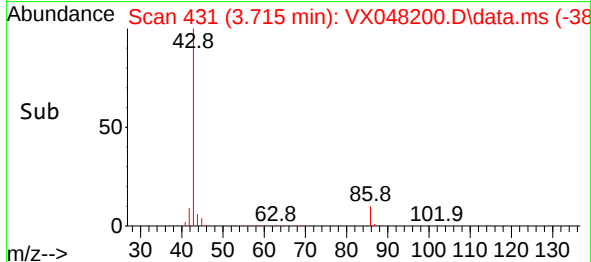
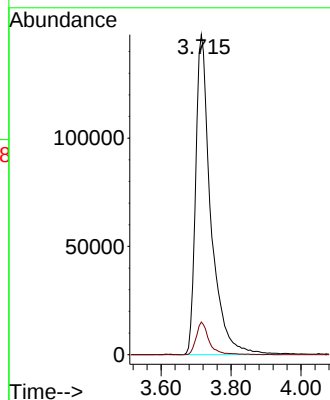
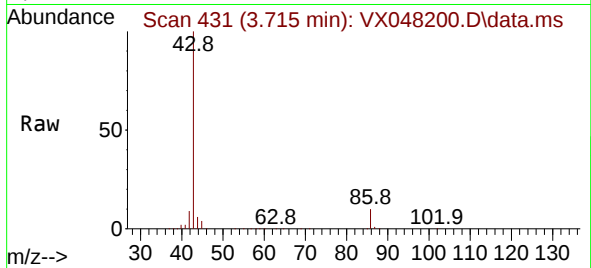




#23
 Vinyl Acetate
 Concen: 95.805 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

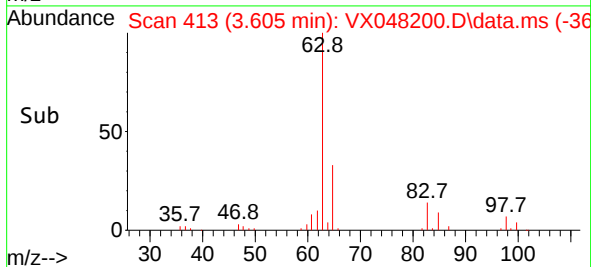
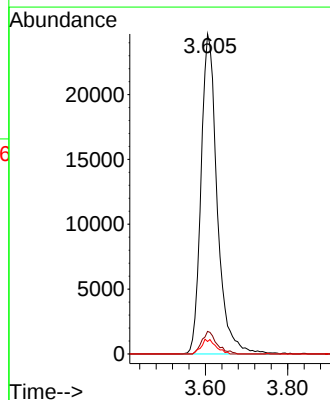
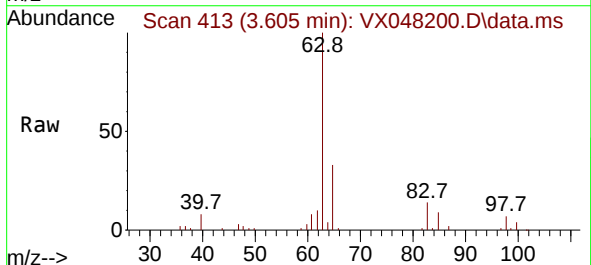
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

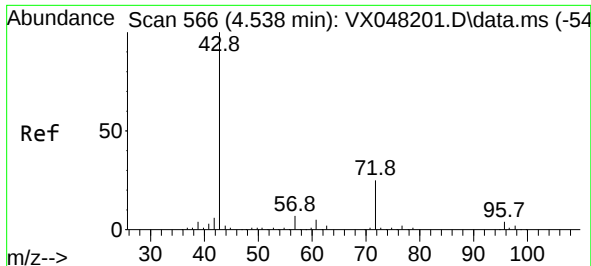
Tgt Ion: 43 Resp: 445135
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 19.084 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Tgt Ion: 63 Resp: 67274
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 94.609 ug/l

RT: 4.538 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

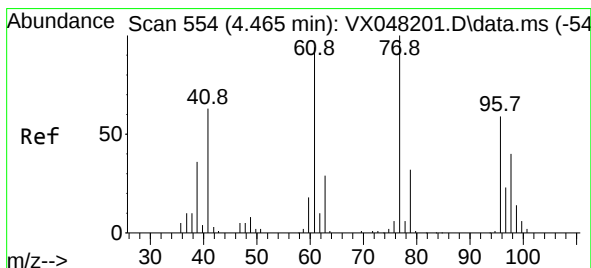
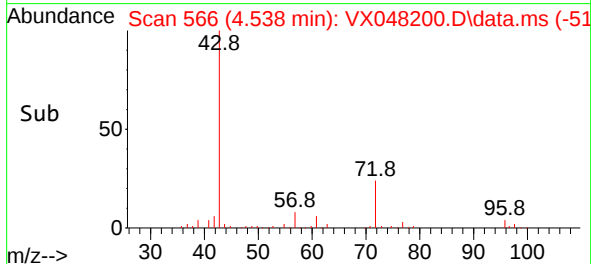
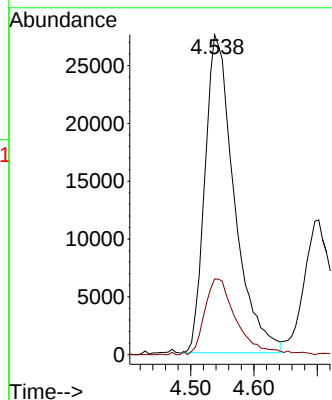
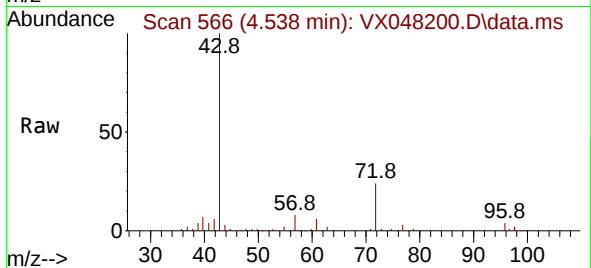
VSTDICC020

Tgt Ion: 43 Resp: 88683

Ion Ratio Lower Upper

43 100

72 23.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.041 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX048200.D

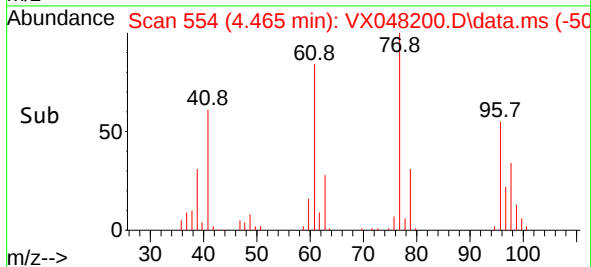
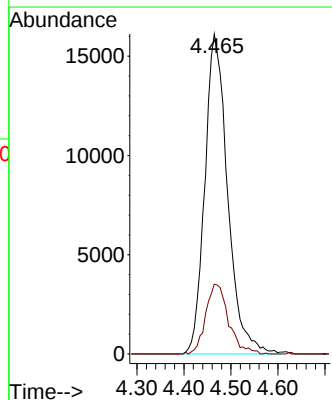
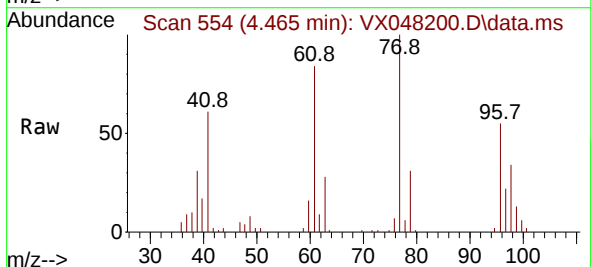
Acq: 17 Oct 2025 09:35

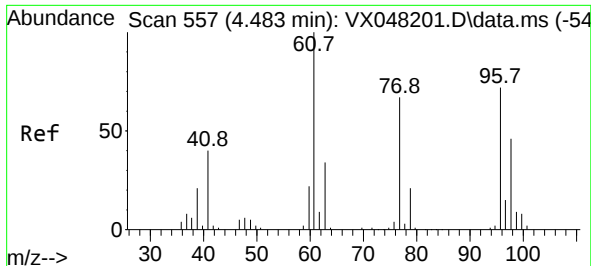
Tgt Ion: 77 Resp: 54360

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3

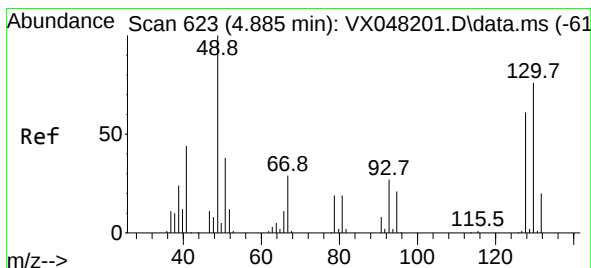
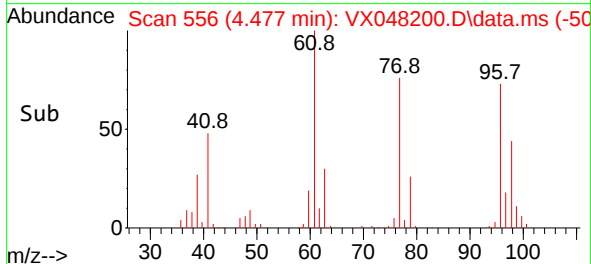
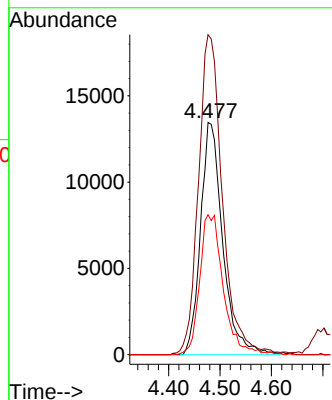
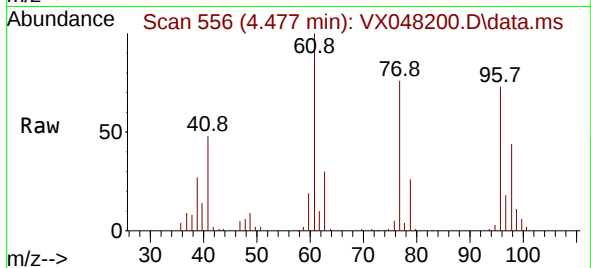




#27
 cis-1,2-Dichloroethene
 Concen: 18.644 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

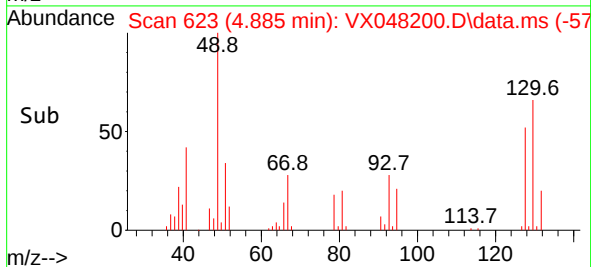
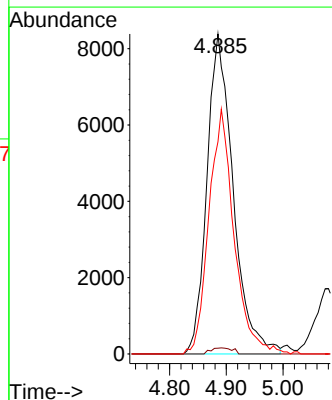
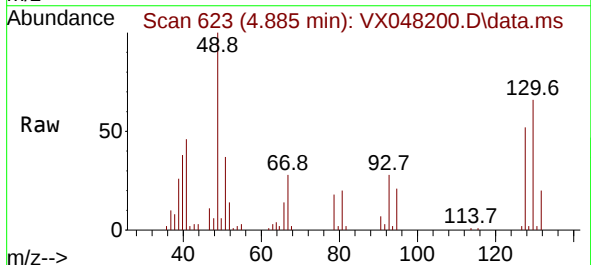
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

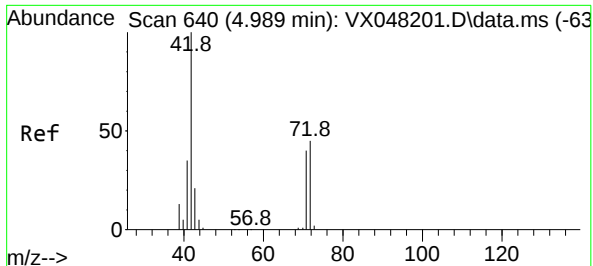
Tgt Ion: 96 Resp: 40384
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 294.2
 98 63.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 16.547 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Tgt Ion: 49 Resp: 26888
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.4
 130 73.5 59.3 88.9





#29

Tetrahydrofuran

Concen: 93.427 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

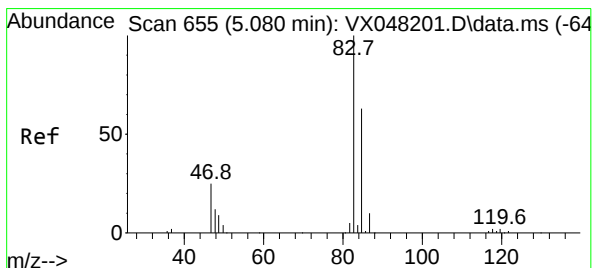
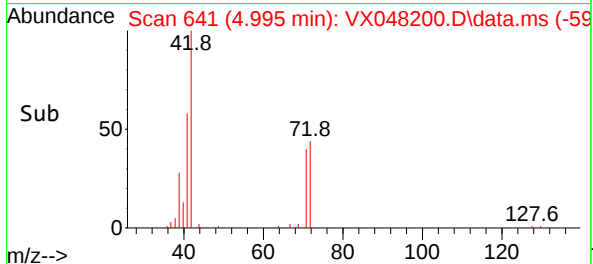
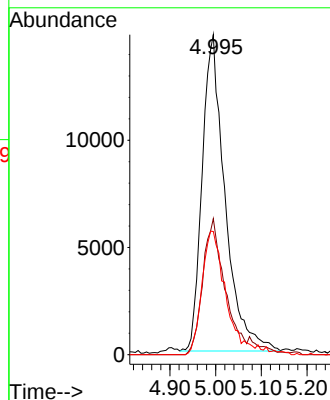
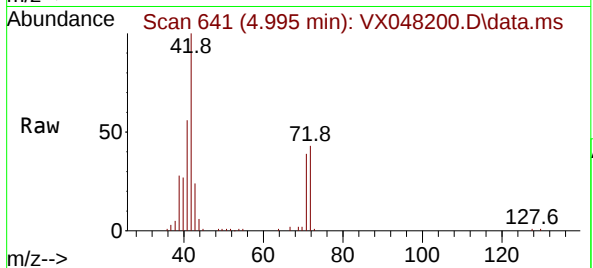
Tgt Ion: 42 Resp: 51429

Ion Ratio Lower Upper

42 100

72 41.4 35.3 52.9

71 41.4 32.2 48.4



#30

Chloroform

Concen: 18.590 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048200.D

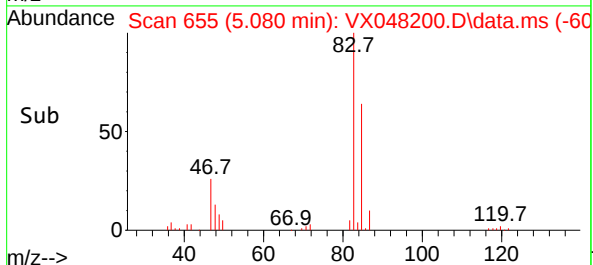
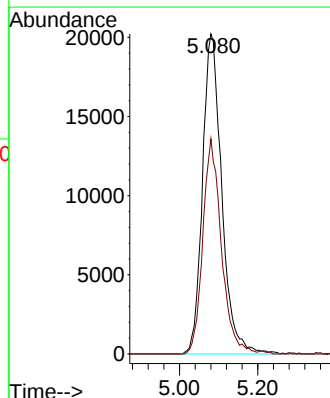
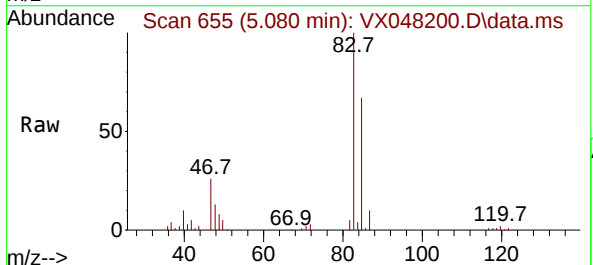
Acq: 17 Oct 2025 09:35

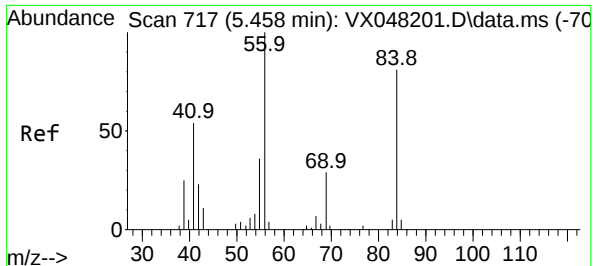
Tgt Ion: 83 Resp: 68996

Ion Ratio Lower Upper

83 100

85 67.2 50.1 75.1

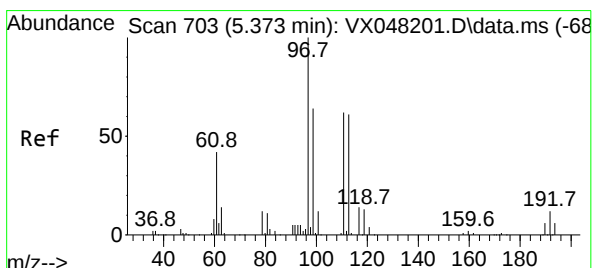
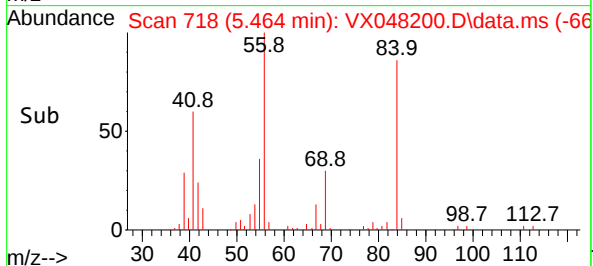
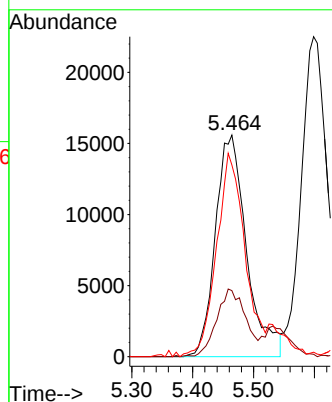
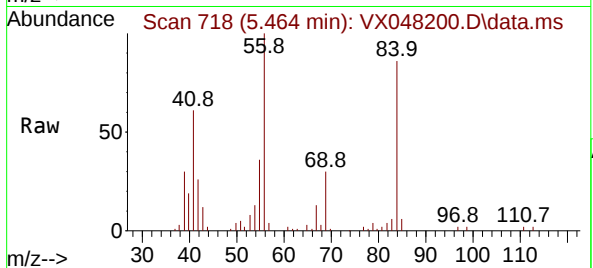




#31
Cyclohexane
Concen: 19.200 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

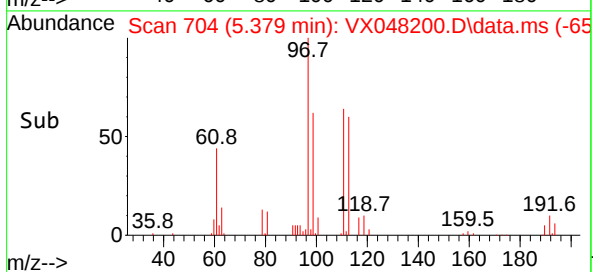
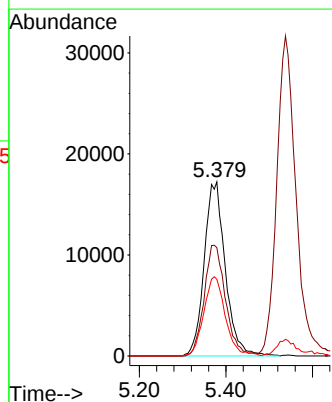
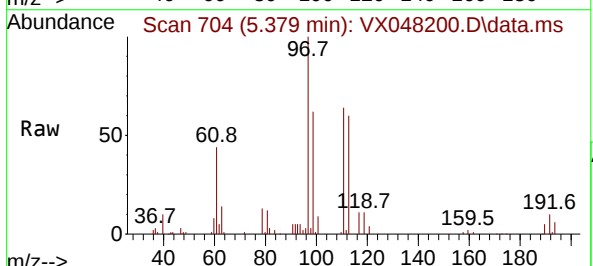
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

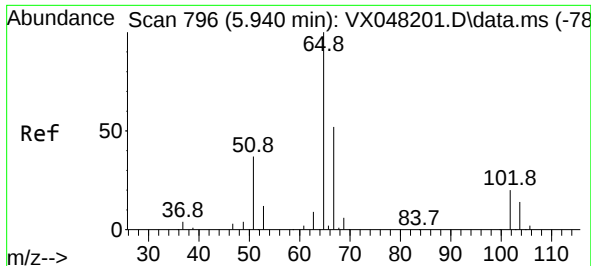
Tgt Ion: 56 Resp: 55383
Ion Ratio Lower Upper
56 100
69 29.8 23.0 34.6
84 86.5 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 19.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 97 Resp: 58321
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 46.4 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 19.267 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

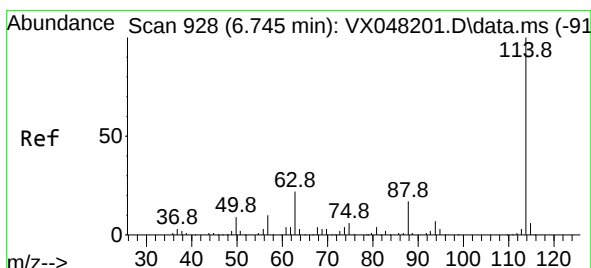
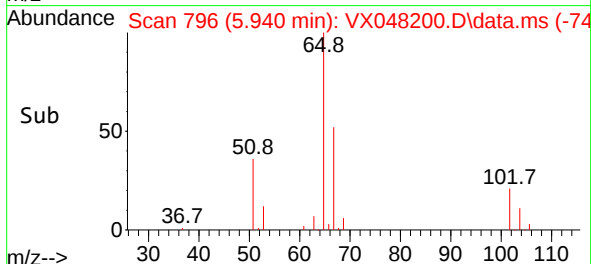
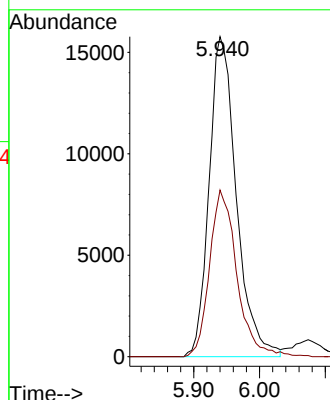
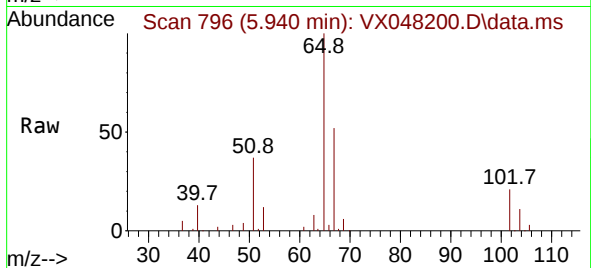
VSTDIC020

Tgt Ion: 65 Resp: 45441

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

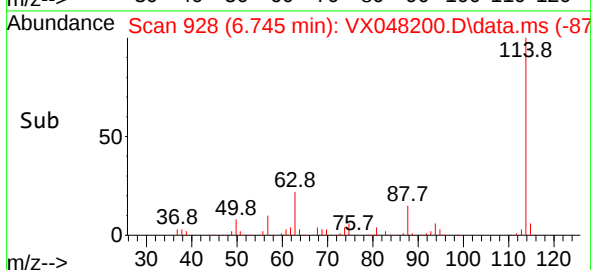
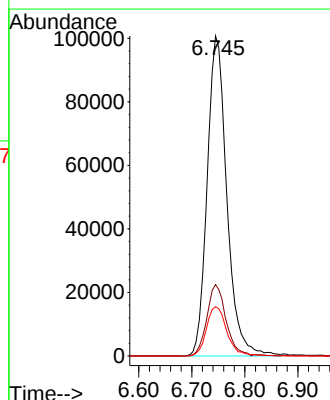
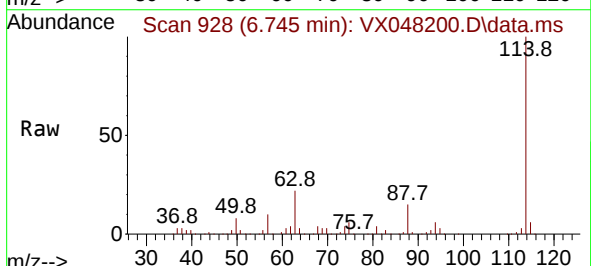
Tgt Ion: 114 Resp: 259476

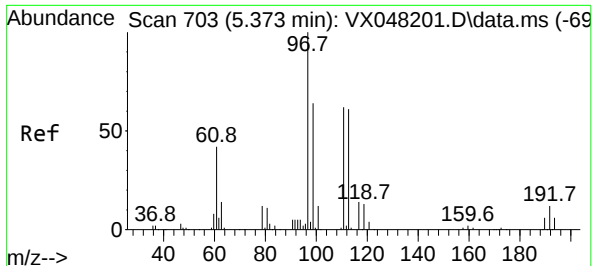
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 15.4 0.0 33.6

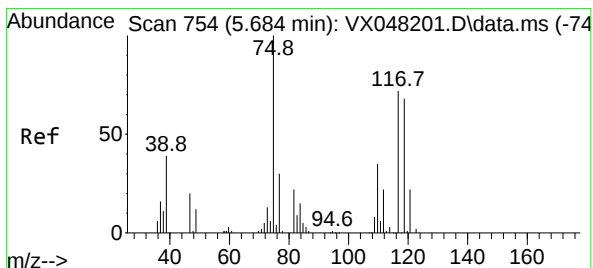
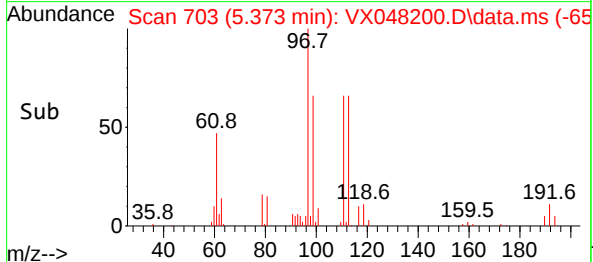
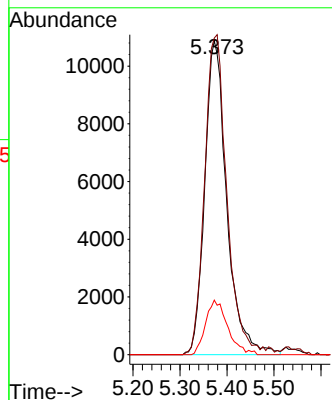
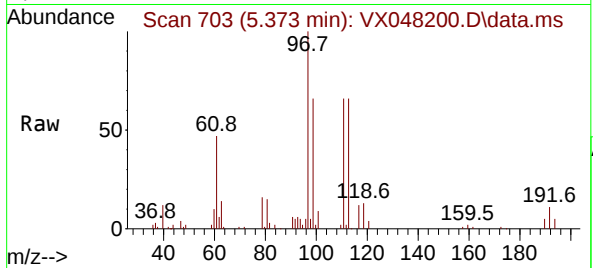




#35
Dibromofluoromethane
Concen: 19.628 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

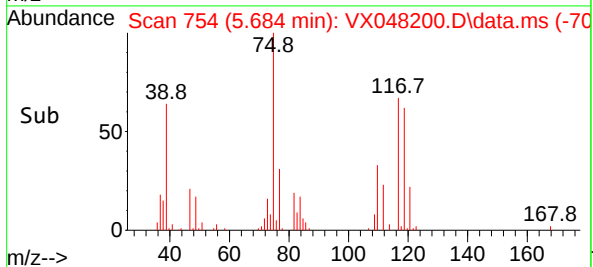
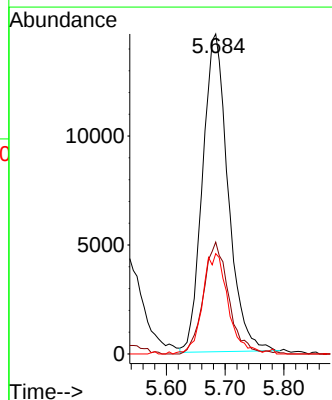
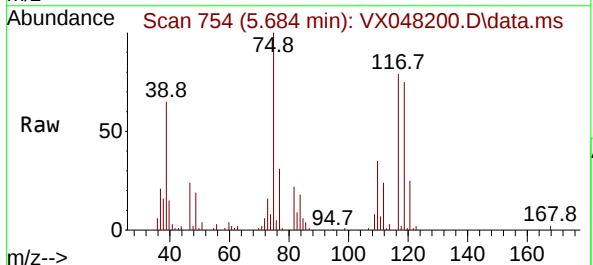
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

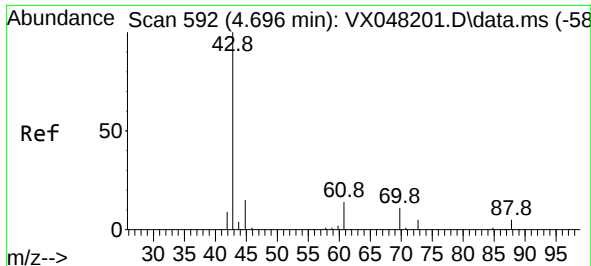
Tgt Ion:113 Resp: 35347
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 17.386 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 44106
Ion Ratio Lower Upper
75 100
110 35.0 17.7 53.1
77 31.6 24.3 36.5

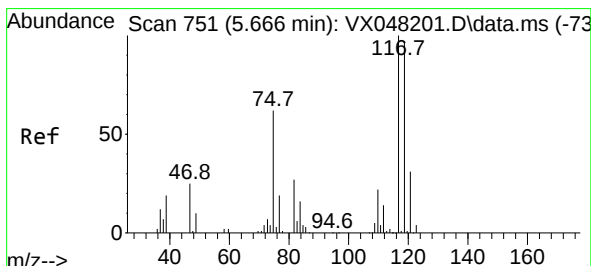
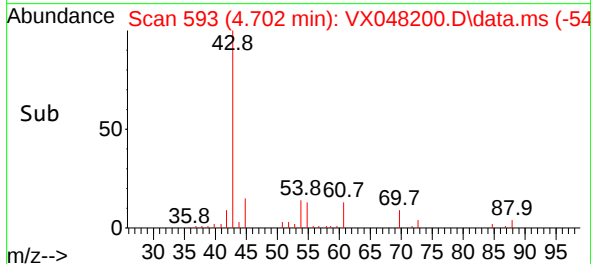
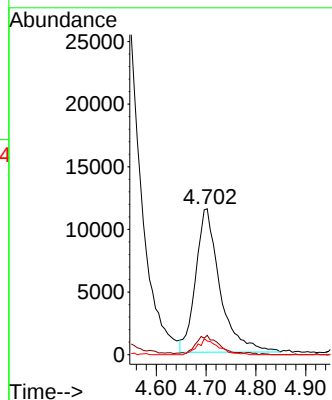
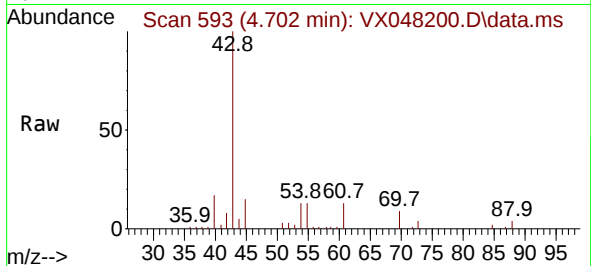




#37
Ethyl Acetate
Concen: 19.063 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

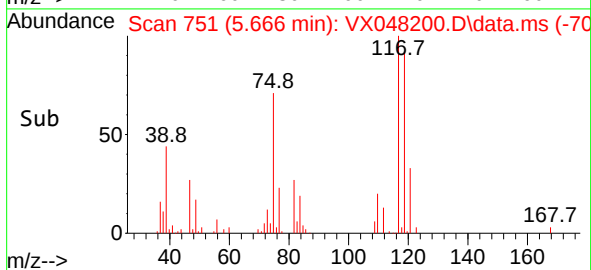
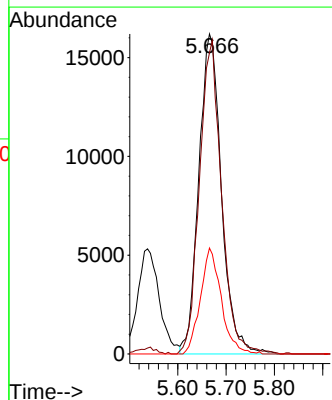
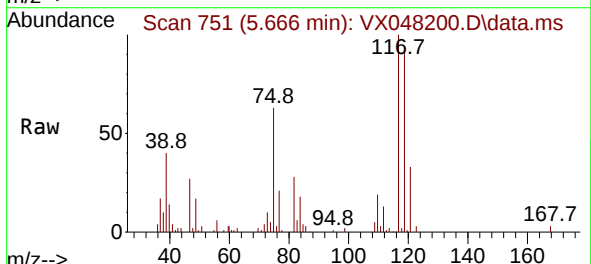
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

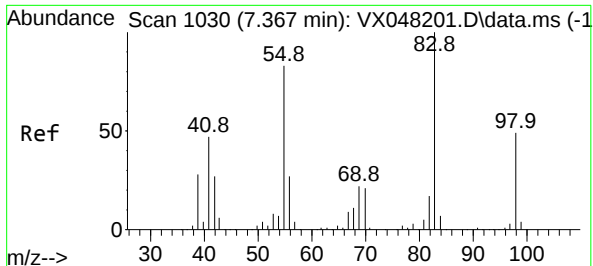
Tgt Ion: 43 Resp: 38648
Ion Ratio Lower Upper
43 100
61 11.2 10.6 15.8
70 9.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 18.063 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 117 Resp: 52596
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8
121 33.1 24.8 37.2





#39

Methylcyclohexane

Concen: 18.276 ug/l

RT: 7.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

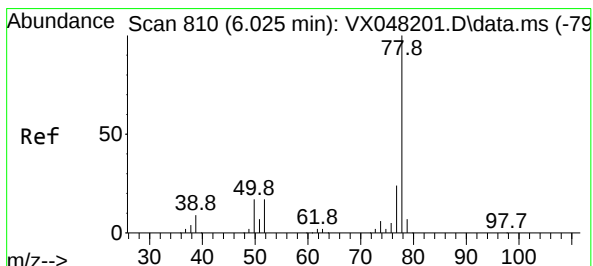
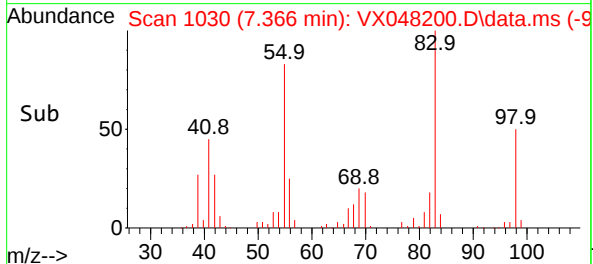
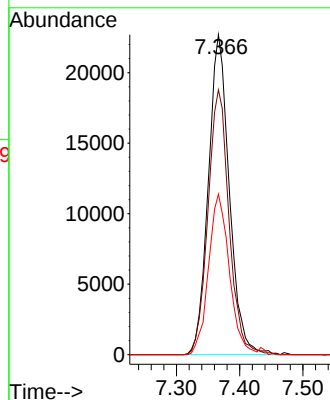
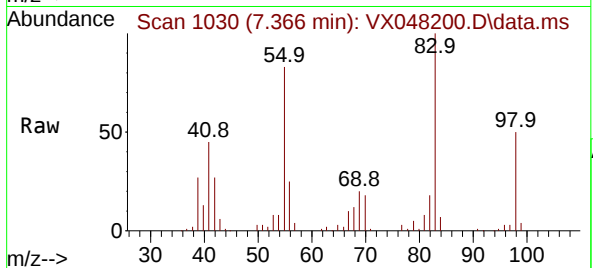
Tgt Ion: 83 Resp: 52276

Ion Ratio Lower Upper

83 100

55 82.8 66.2 99.2

98 50.2 38.9 58.3



#40

Benzene

Concen: 18.259 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048200.D

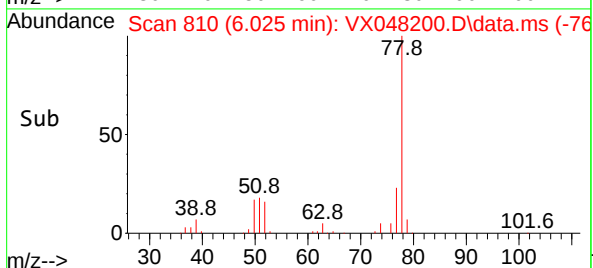
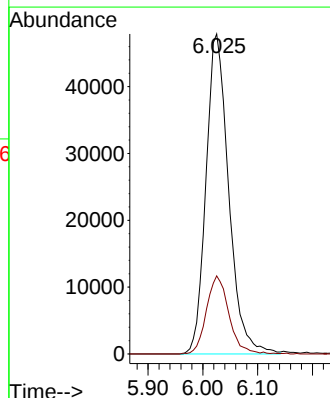
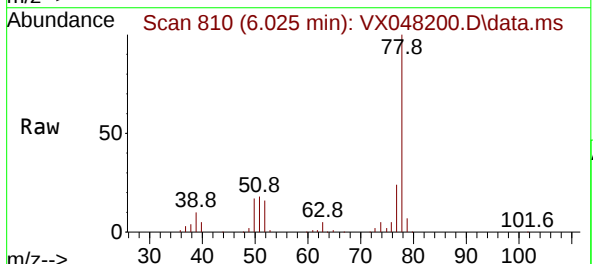
Acq: 17 Oct 2025 09:35

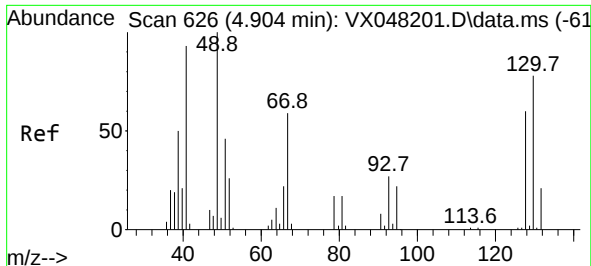
Tgt Ion: 78 Resp: 137544

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9



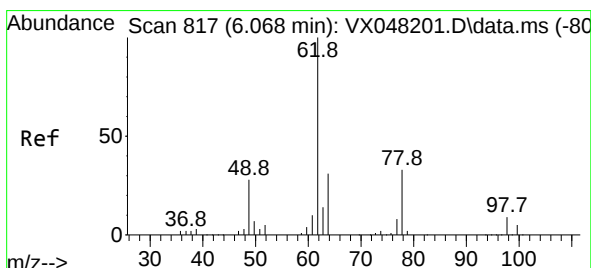
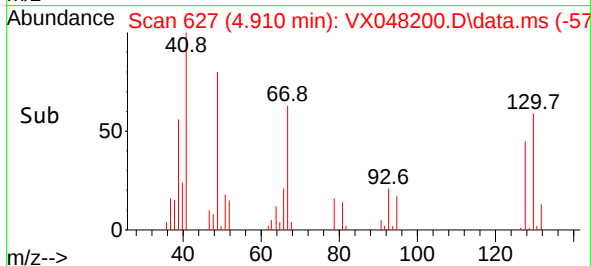
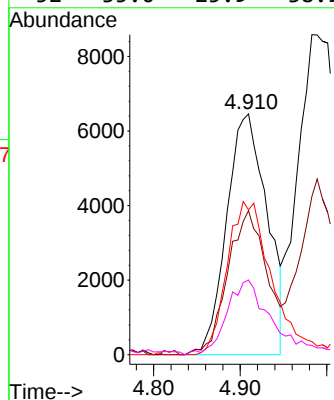
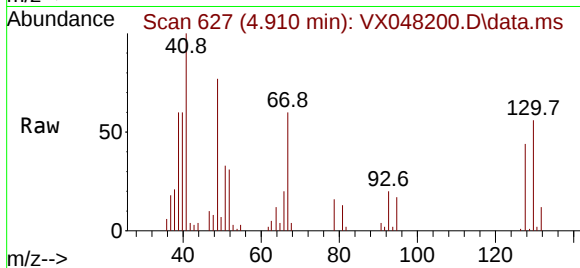


#41
Methacrylonitrile
Concen: 19.271 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 20924

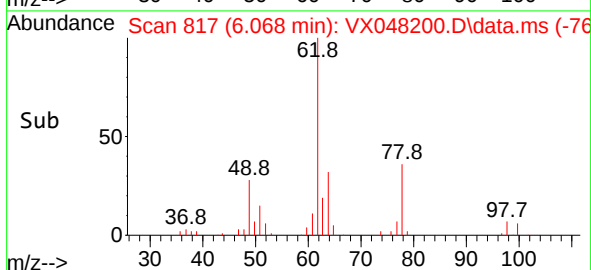
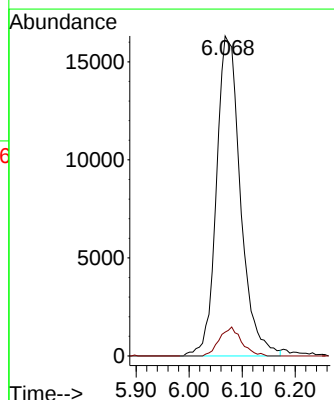
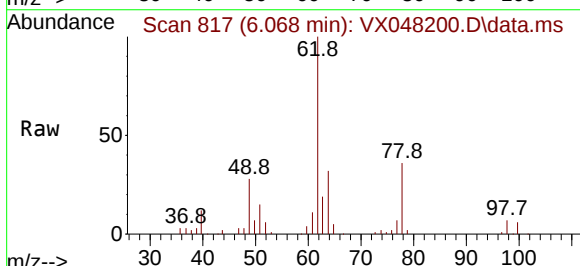
Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.0	66.0
67	70.4	58.7	88.1
52	35.0	25.9	38.9

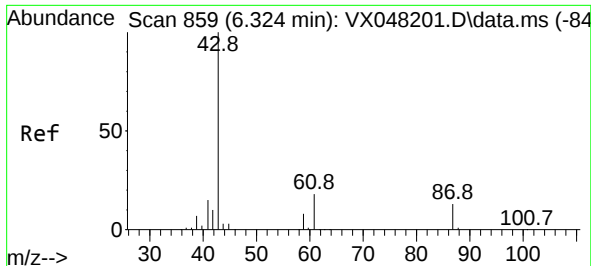


#42
1,2-Dichloroethane
Concen: 19.051 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 62 Resp: 51415

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2

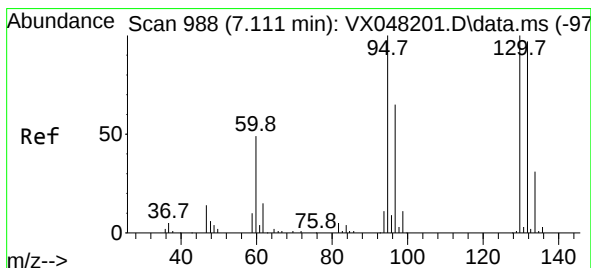
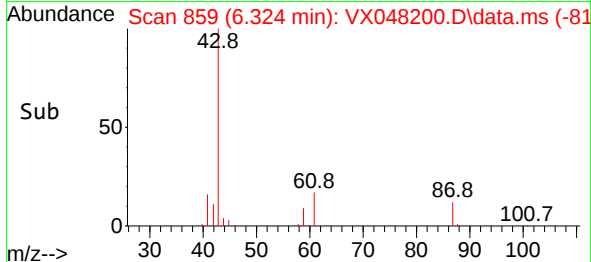
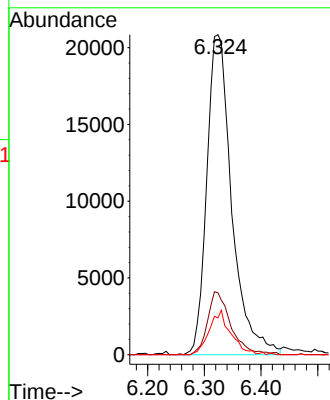
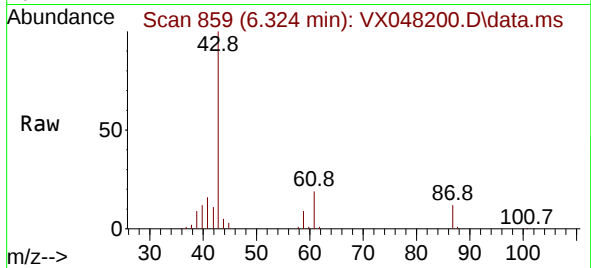




#43
Isopropyl Acetate
Concen: 18.762 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

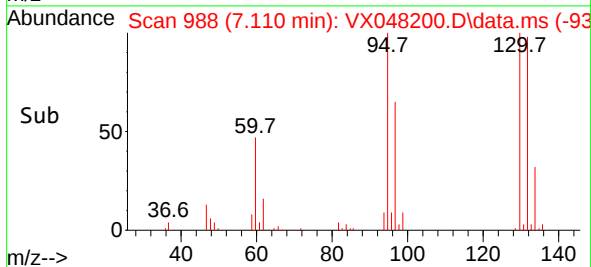
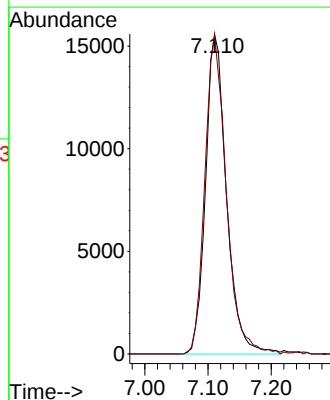
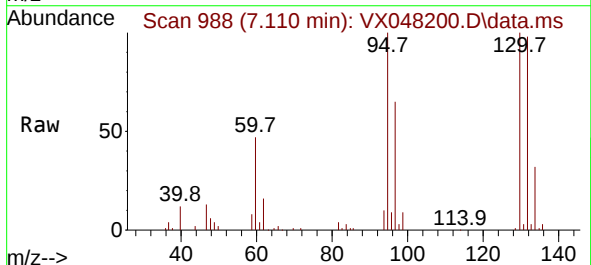
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

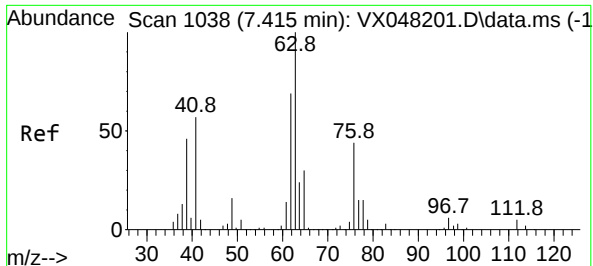
Tgt Ion: 43 Resp: 63854
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
87 11.8 9.4 14.2



#44
Trichloroethene
Concen: 18.900 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:130 Resp: 35880
Ion Ratio Lower Upper
130 100
95 100.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.451 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

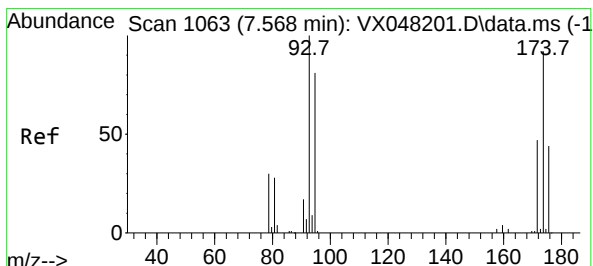
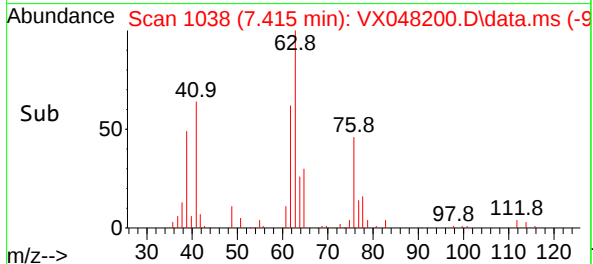
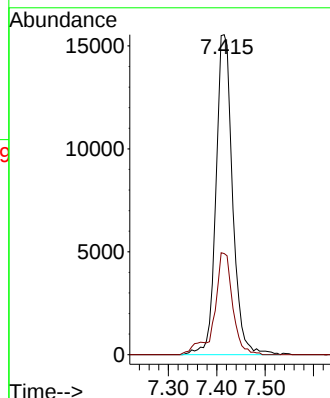
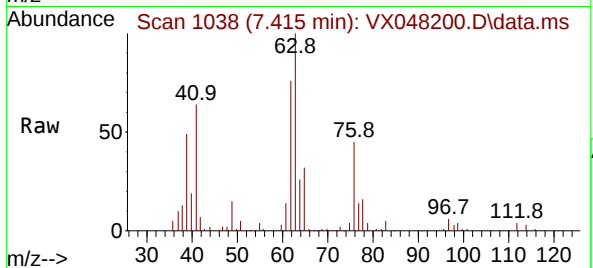
VSTDIC020

Tgt Ion: 63 Resp: 37083

Ion Ratio Lower Upper

63 100

65 31.6 24.1 36.1



#46

Dibromomethane

Concen: 18.432 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

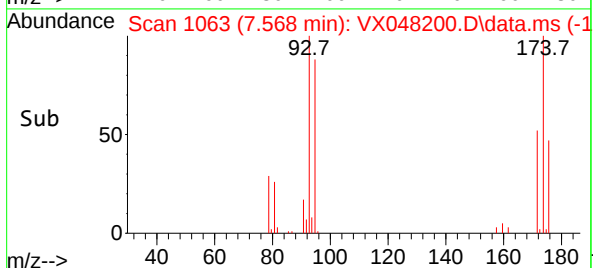
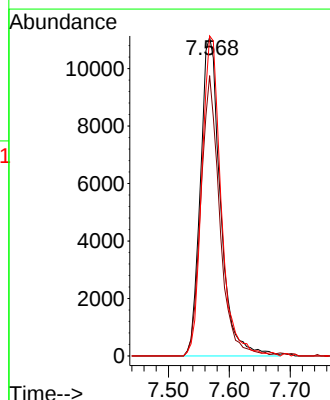
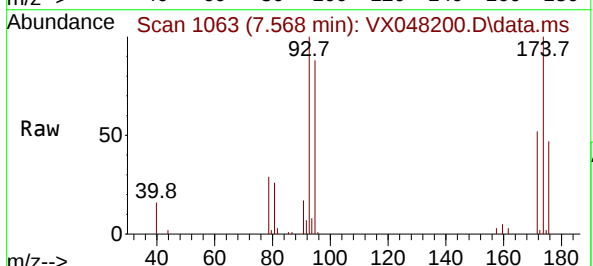
Tgt Ion: 93 Resp: 25284

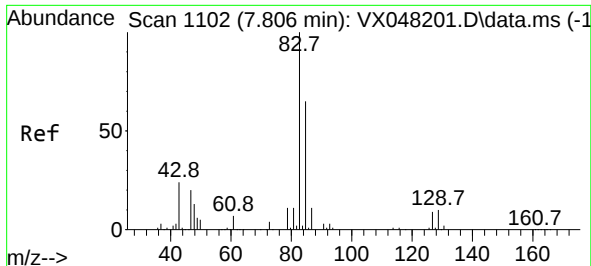
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 96.3 71.7 107.5

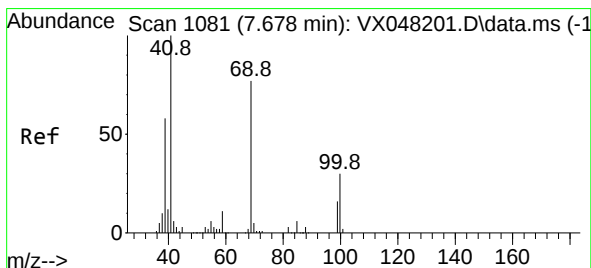
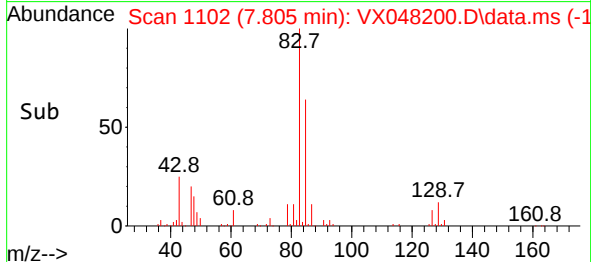
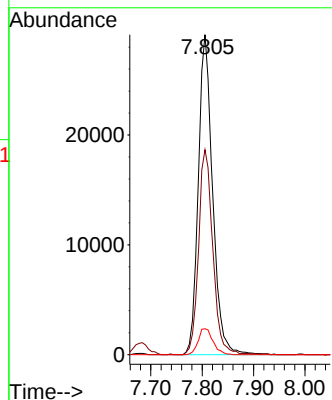
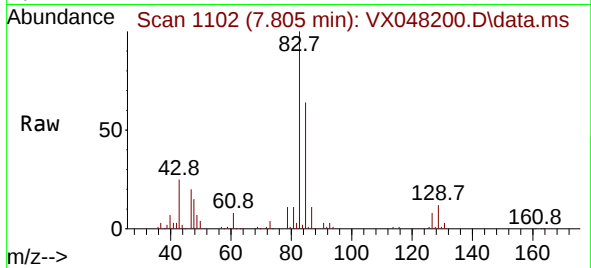




#47
Bromodichloromethane
Concen: 19.060 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

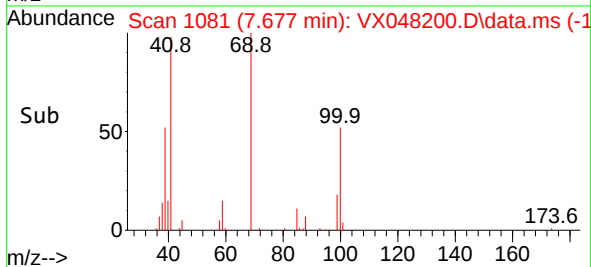
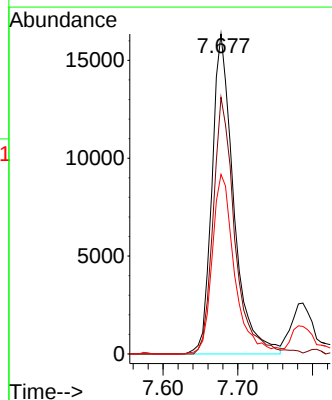
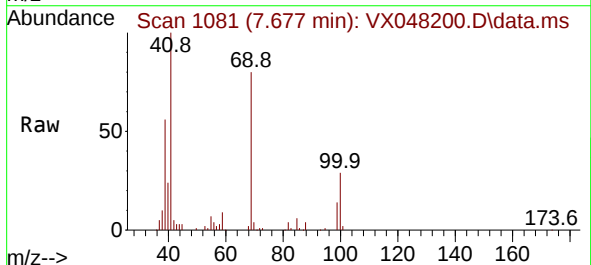
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

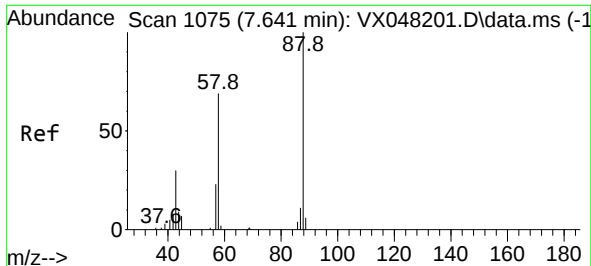
Tgt Ion: 83 Resp: 56507
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 8.1 7.3 10.9



#48
Methyl methacrylate
Concen: 18.945 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 41 Resp: 33005
Ion Ratio Lower Upper
41 100
69 80.0 63.4 95.0
39 58.0 47.1 70.7





#49

1,4-Dioxane

Concen: 402.877 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

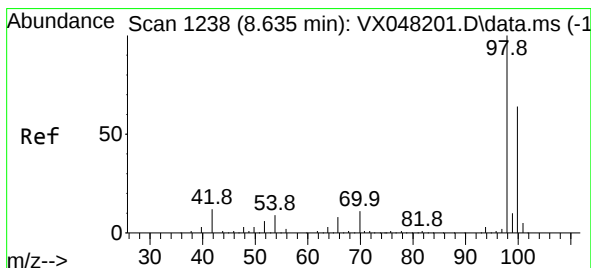
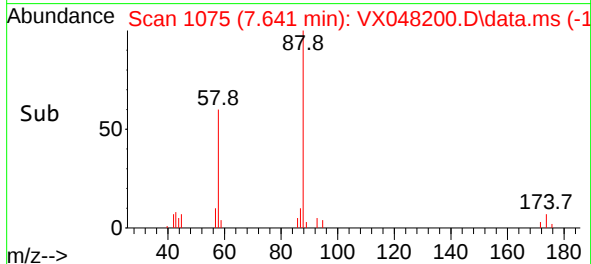
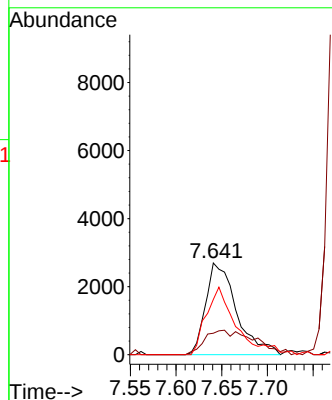
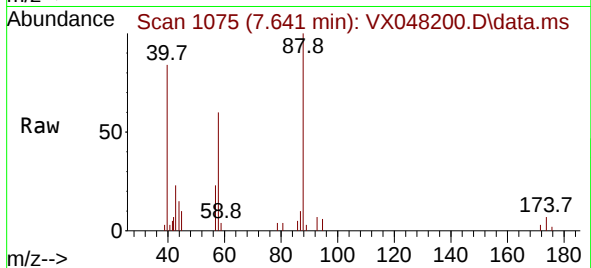
Tgt Ion: 88 Resp: 6318

Ion Ratio Lower Upper

88 100

43 43.4 35.0 52.4

58 71.9 61.9 92.9



#50

Toluene-d8

Concen: 19.003 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048200.D

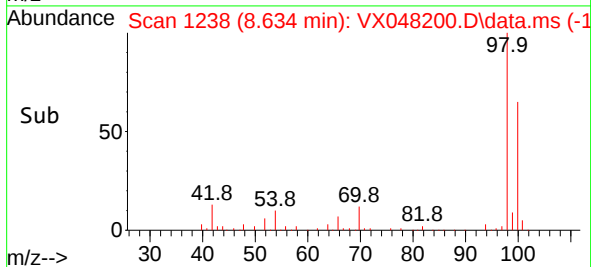
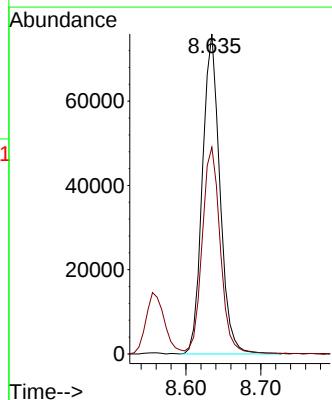
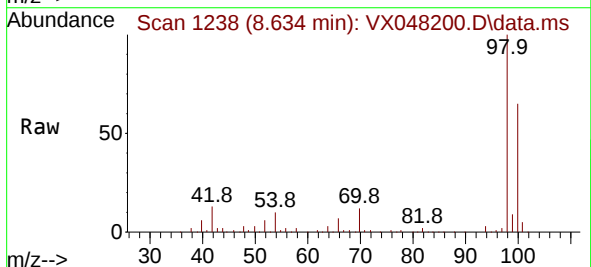
Acq: 17 Oct 2025 09:35

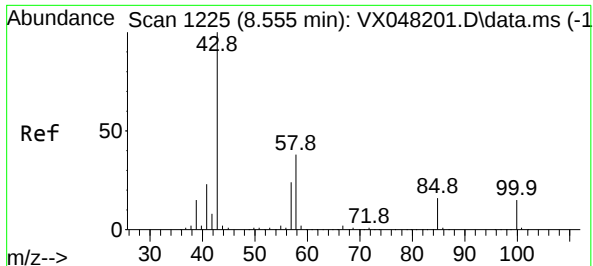
Tgt Ion: 98 Resp: 123286

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 96.201 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

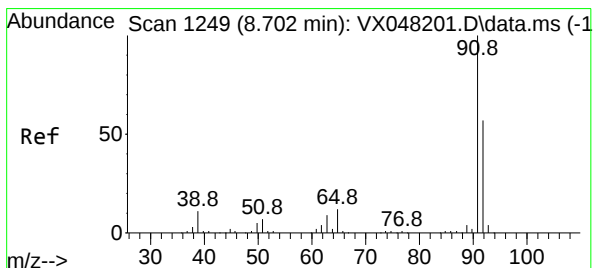
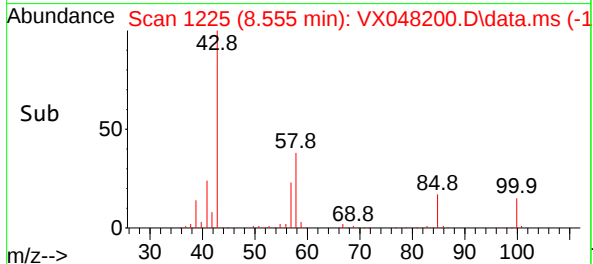
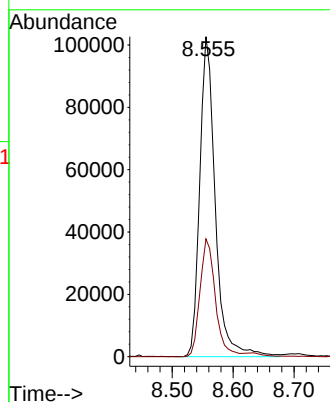
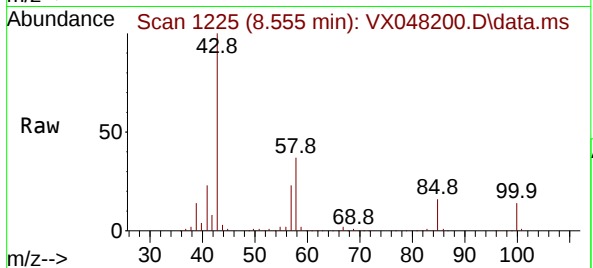
VSTDIC020

Tgt Ion: 43 Resp: 182185

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3



#52

Toluene

Concen: 18.832 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048200.D

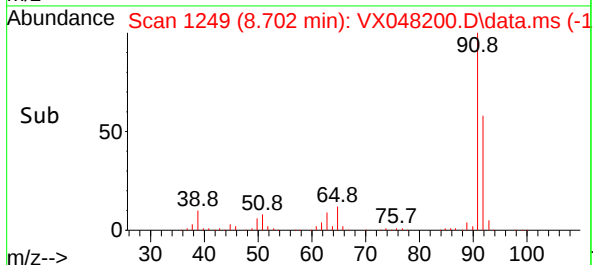
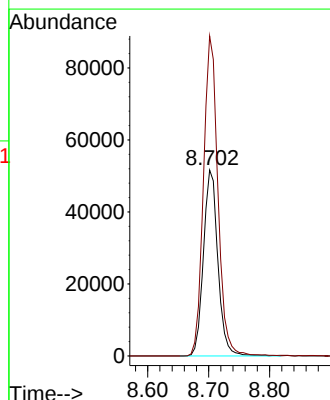
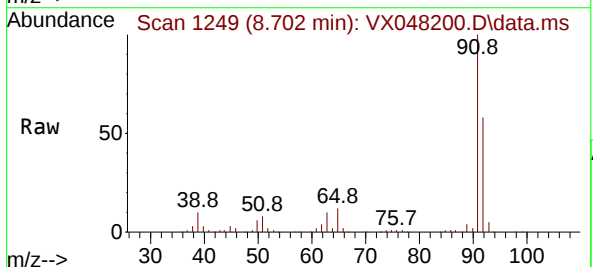
Acq: 17 Oct 2025 09:35

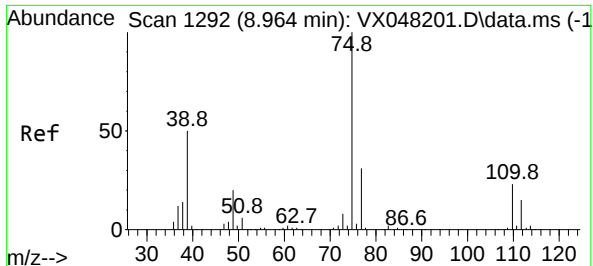
Tgt Ion: 92 Resp: 85262

Ion Ratio Lower Upper

92 100

91 172.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.746 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

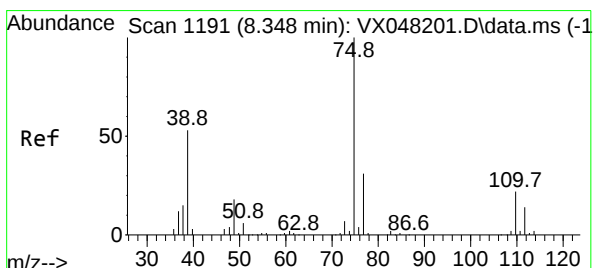
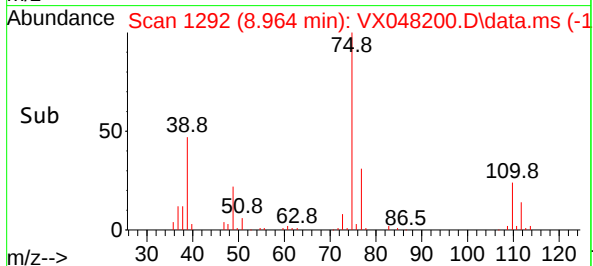
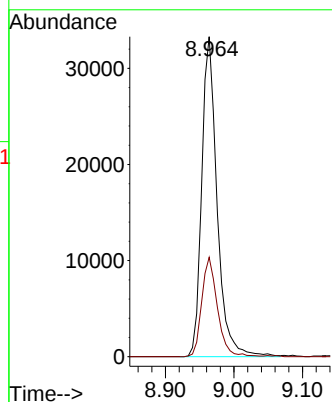
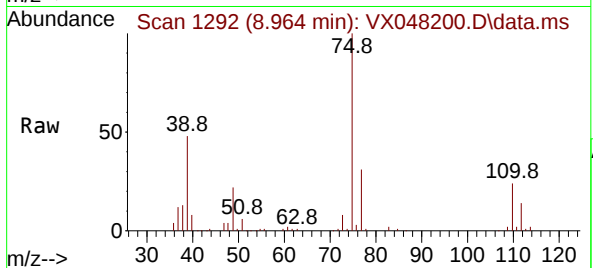
VSTDIC020

Tgt Ion: 75 Resp: 52066

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.893 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

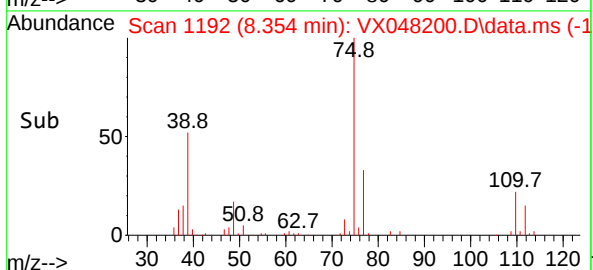
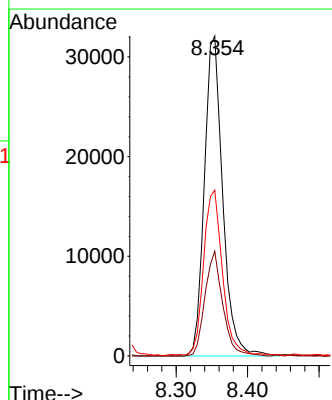
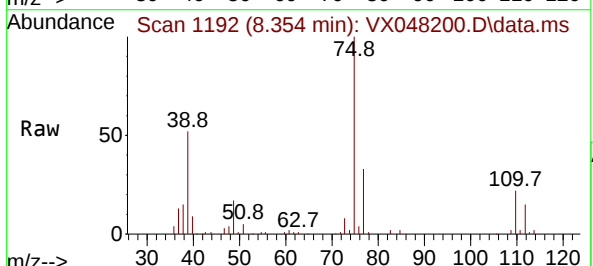
Tgt Ion: 75 Resp: 57193

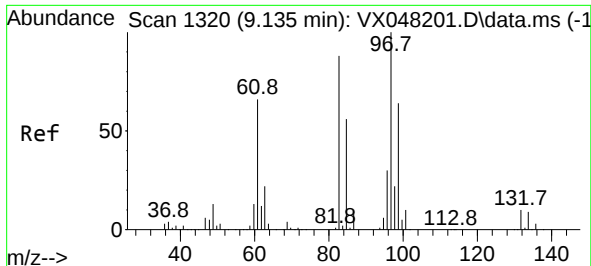
Ion Ratio Lower Upper

75 100

77 32.7 24.9 37.3

39 51.5 42.6 64.0

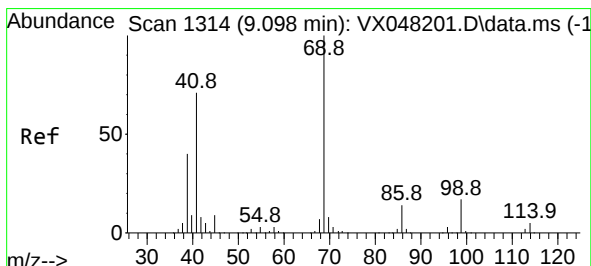
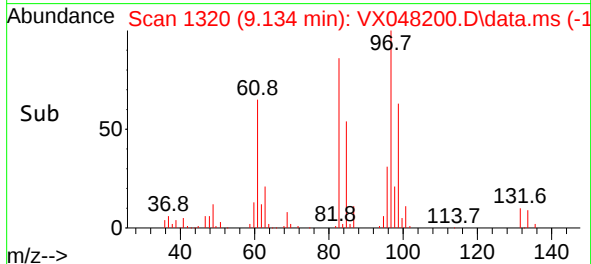
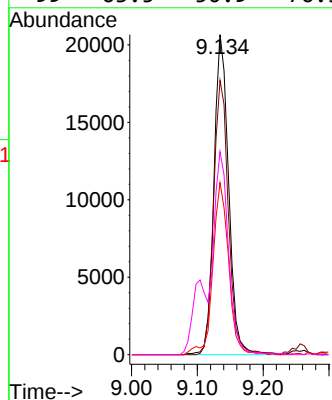
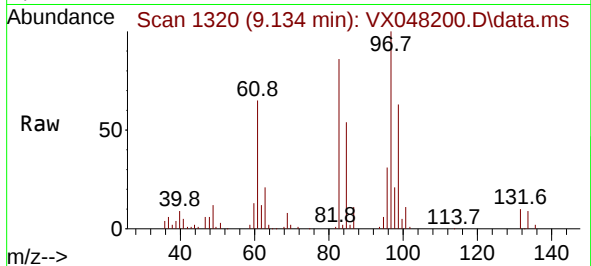




#55
1,1,2-Trichloroethane
Concen: 19.012 ug/l
RT: 9.134 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

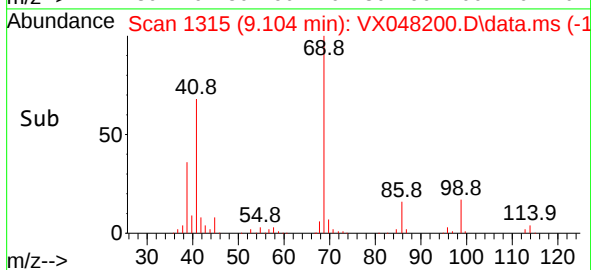
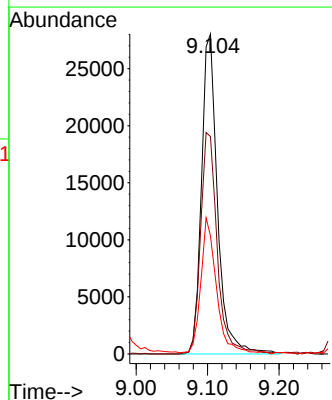
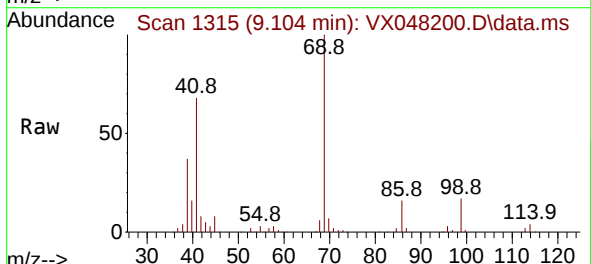
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

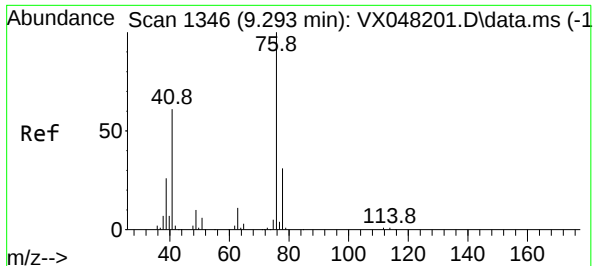
Tgt Ion:	97	Resp:	32118
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.6	105.8
85	53.8	45.0	67.6
99	63.5	50.9	76.3



#56
Ethyl methacrylate
Concen: 18.983 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:	69	Resp:	43616
Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.0	84.0
39	42.2	31.6	47.4





#57

1,3-Dichloropropane

Concen: 18.979 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

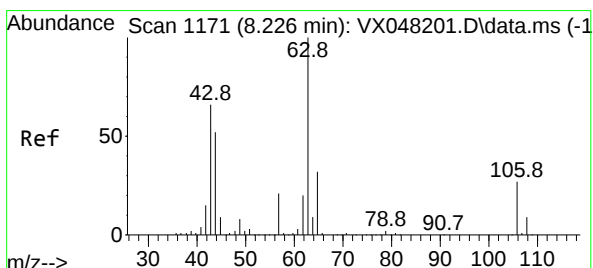
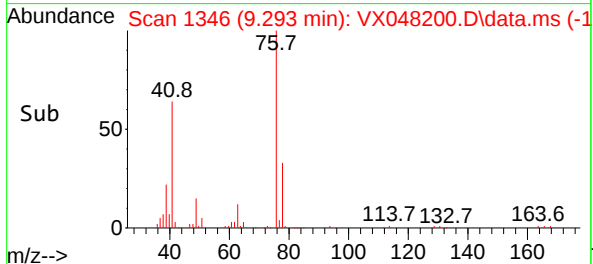
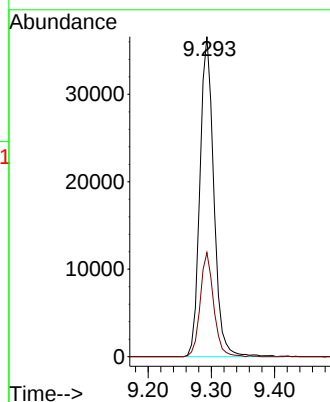
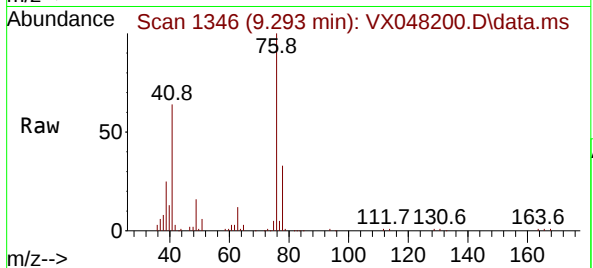
VSTDICC020

Tgt Ion: 76 Resp: 56015

Ion Ratio Lower Upper

76 100

78 31.4 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.551 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048200.D

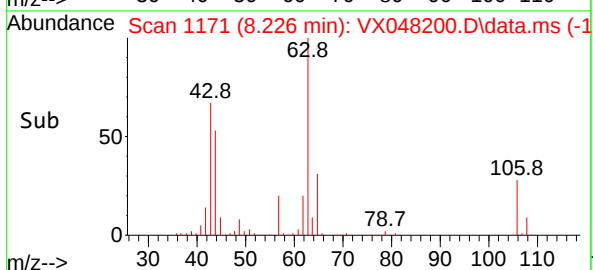
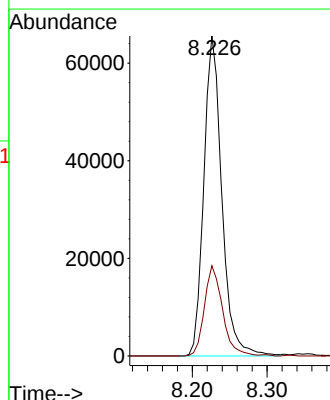
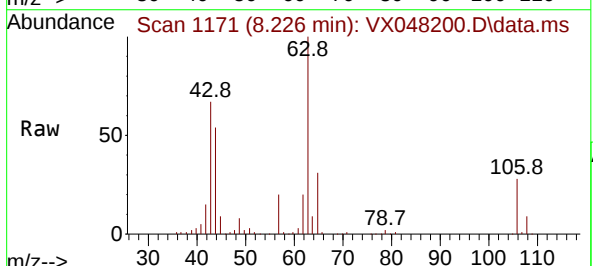
Acq: 17 Oct 2025 09:35

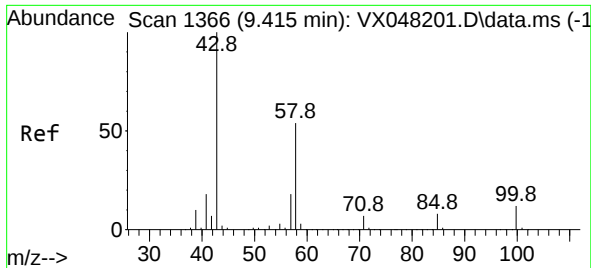
Tgt Ion: 63 Resp: 109951

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2

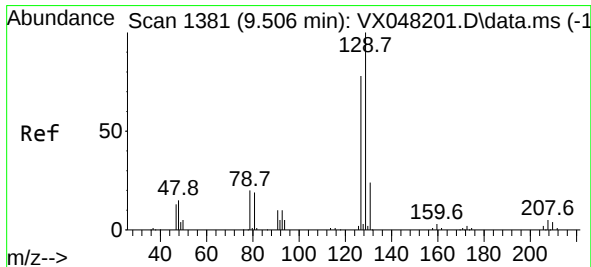
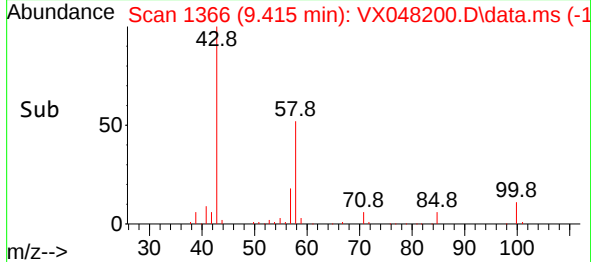
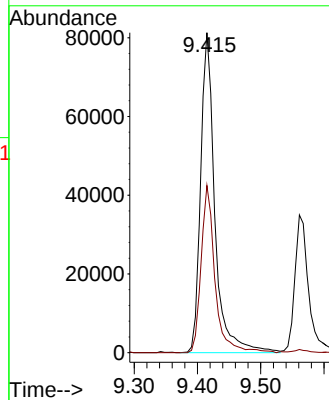
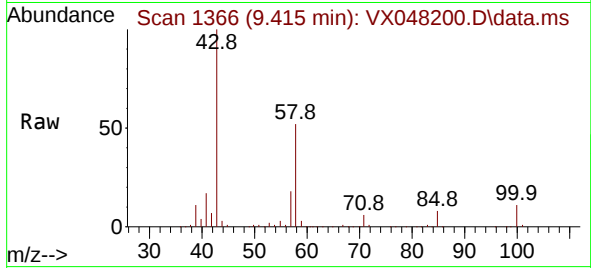




#59
2-Hexanone
Concen: 96.420 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

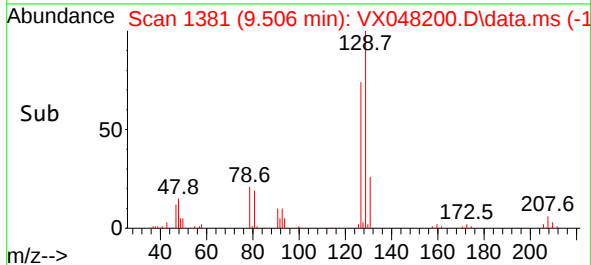
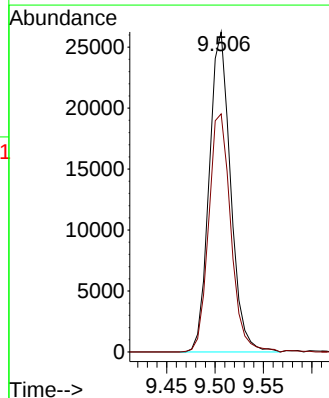
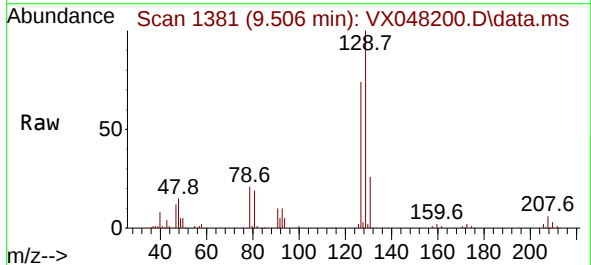
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

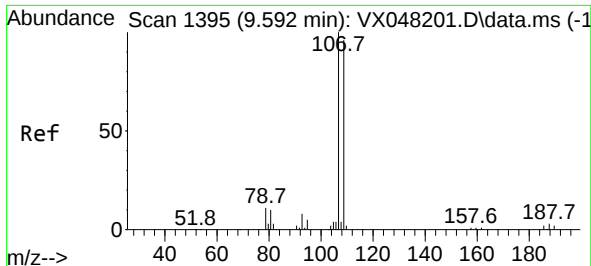
Tgt Ion: 43 Resp: 127723
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.8



#60
Dibromochloromethane
Concen: 19.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 129 Resp: 40353
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

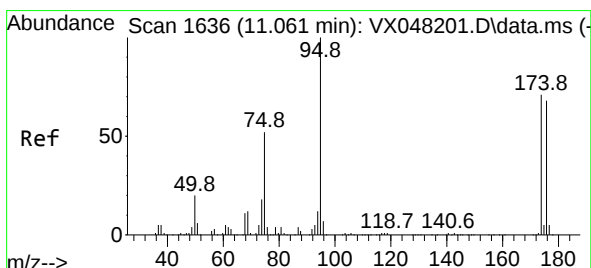
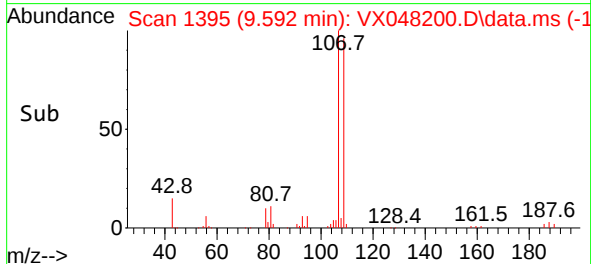
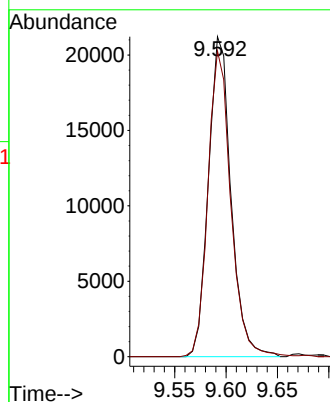
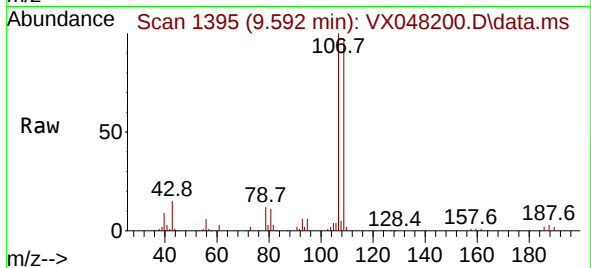




#61
1,2-Dibromoethane
Concen: 18.749 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

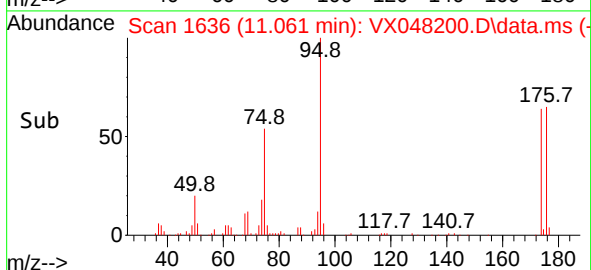
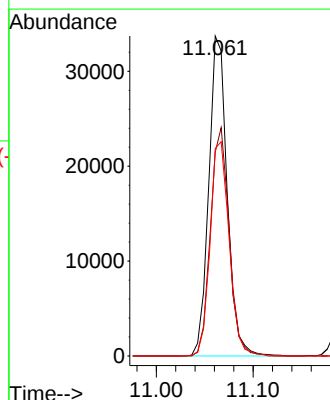
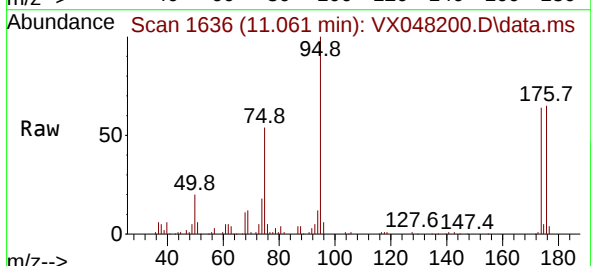
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

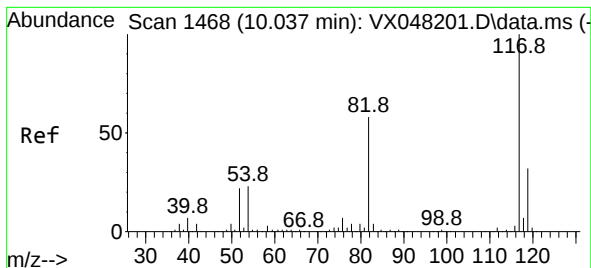
Tgt Ion:107 Resp: 32476
Ion Ratio Lower Upper
107 100
109 96.8 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 18.848 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 95 Resp: 44537
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.8
176 69.3 0.0 142.8

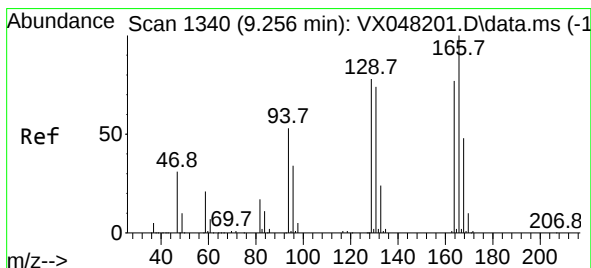
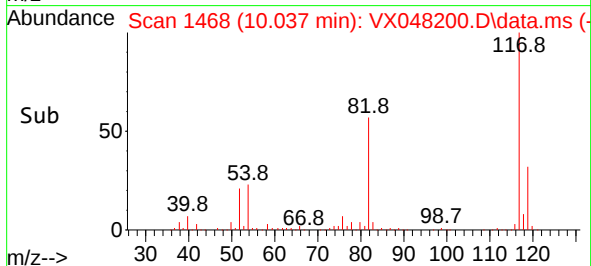
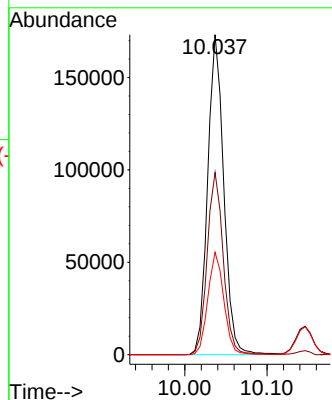
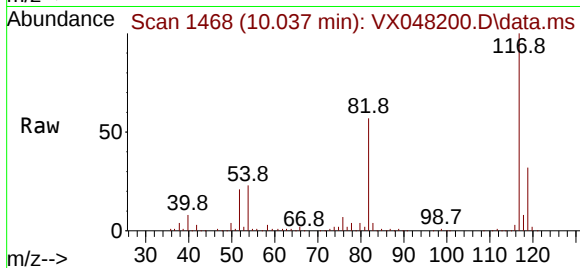




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

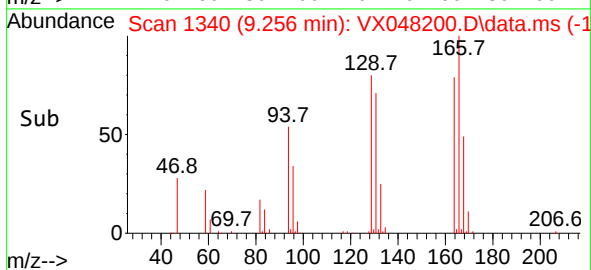
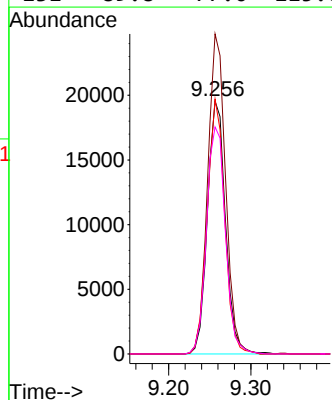
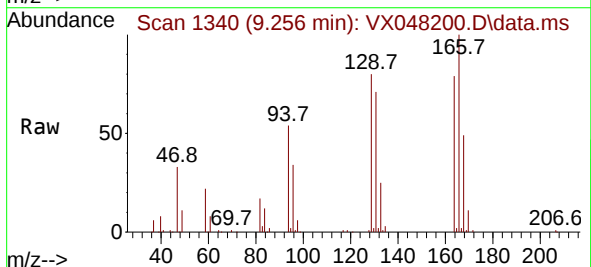
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

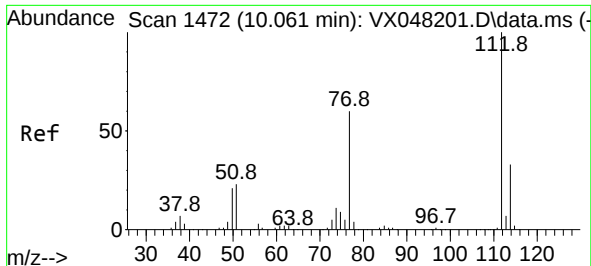
Tgt Ion:117 Resp: 235392
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 18.076 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:164 Resp: 29834
Ion Ratio Lower Upper
164 100
166 126.6 104.5 156.7
129 100.7 81.8 122.6
131 89.8 77.0 115.6

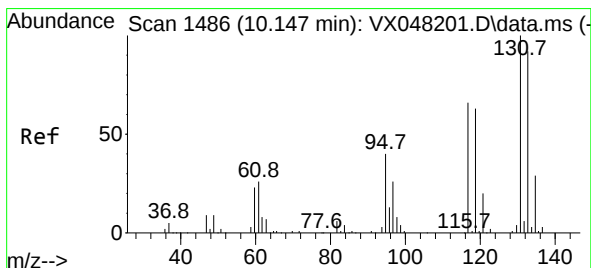
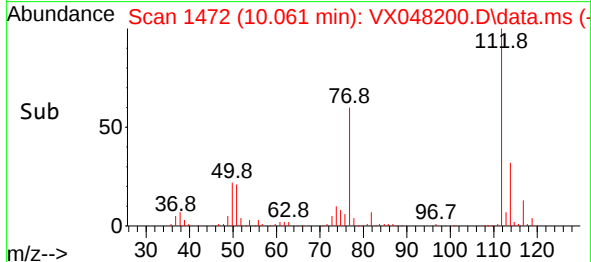
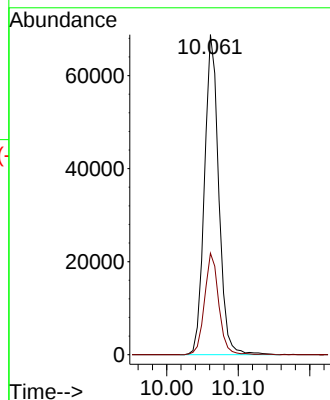
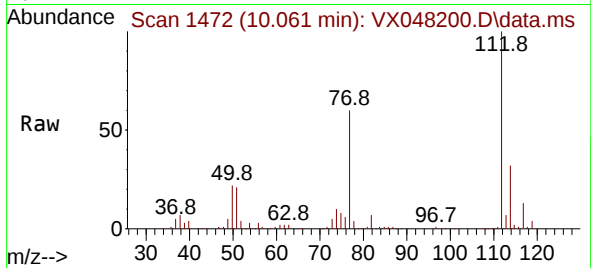




#65
Chlorobenzene
Concen: 18.568 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

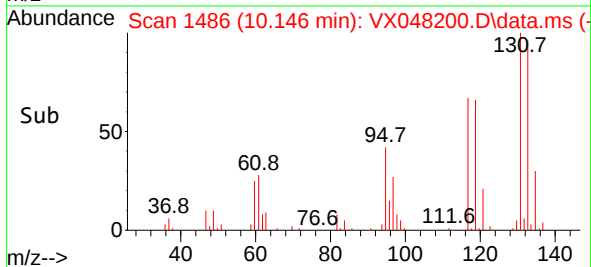
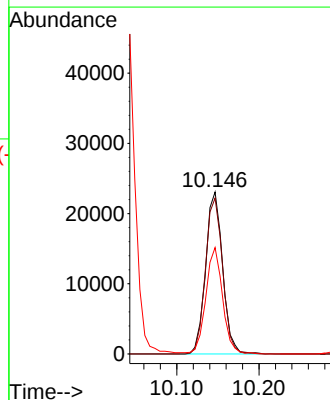
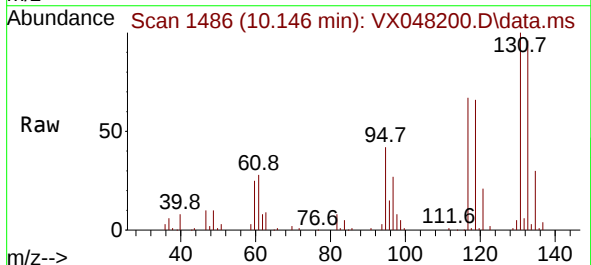
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

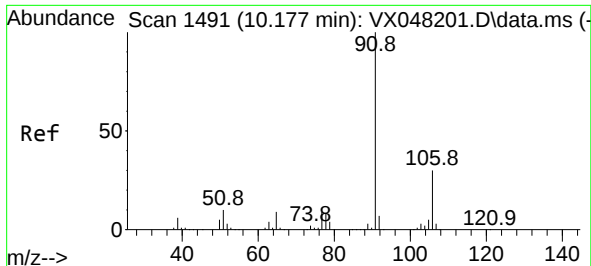
Tgt Ion:112 Resp: 95567
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.871 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:131 Resp: 33146
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.8
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 18.078 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

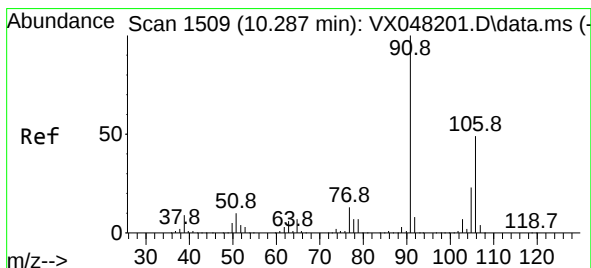
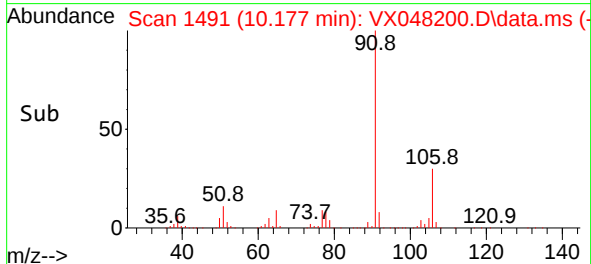
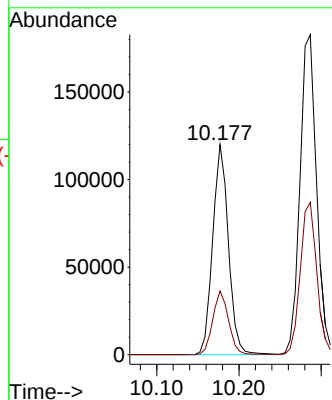
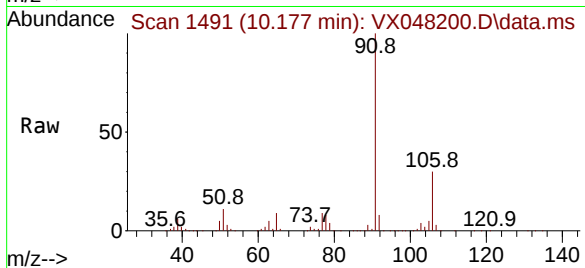
VSTDICC020

Tgt Ion: 91 Resp: 159512

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.6



#68

m/p-Xylenes

Concen: 37.388 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048200.D

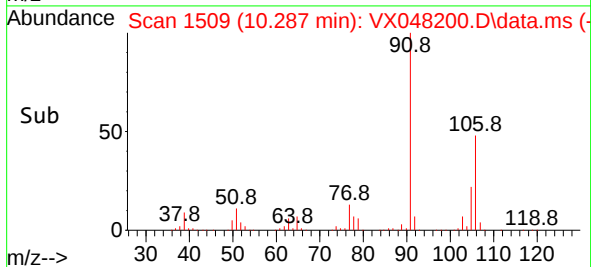
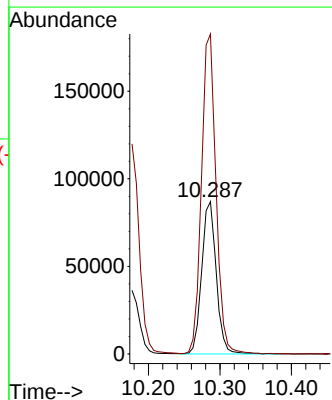
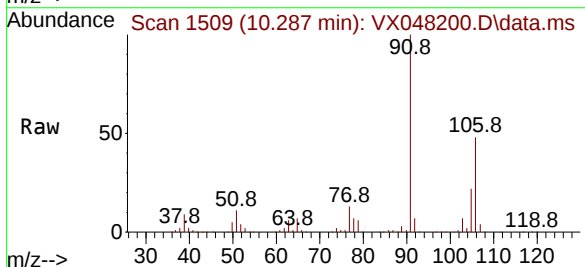
Acq: 17 Oct 2025 09:35

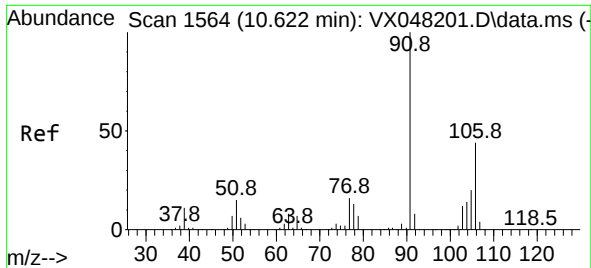
Tgt Ion: 106 Resp: 122901

Ion Ratio Lower Upper

106 100

91 210.0 167.9 251.9

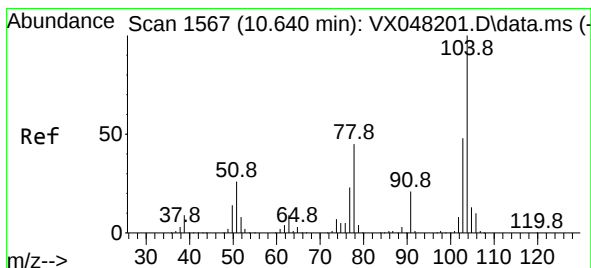
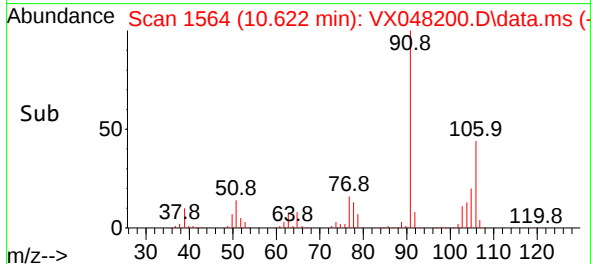
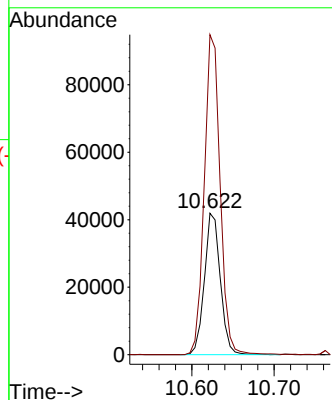
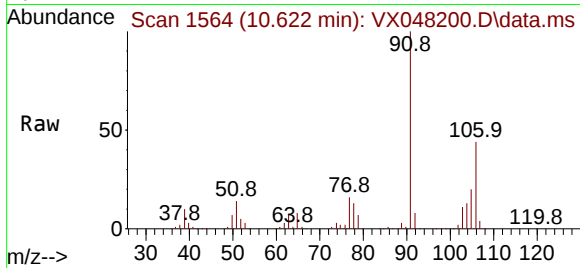




#69
o-Xylene
Concen: 18.223 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

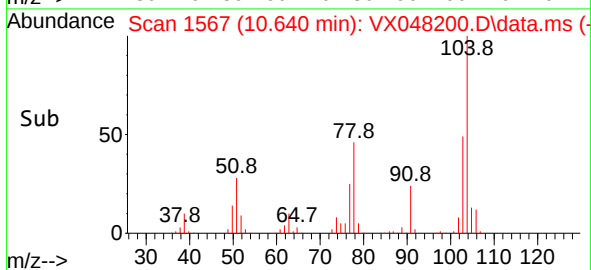
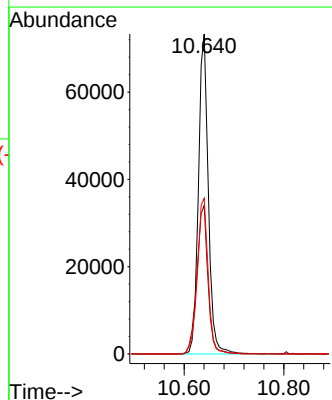
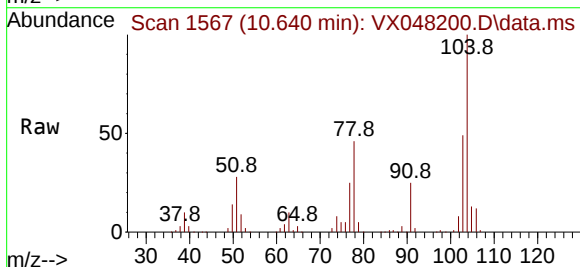
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

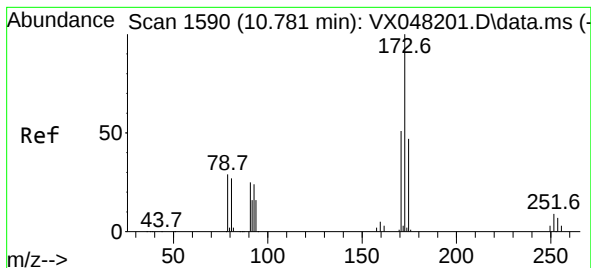
Tgt Ion:106 Resp: 56391
Ion Ratio Lower Upper
106 100
91 225.4 111.3 333.9



#70
Styrene
Concen: 18.912 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:104 Resp: 100737
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 53.5 43.0 64.4





#71

Bromoform

Concen: 18.292 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

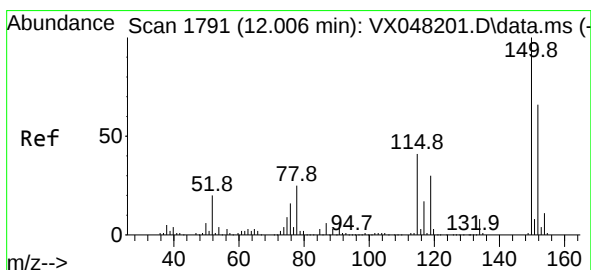
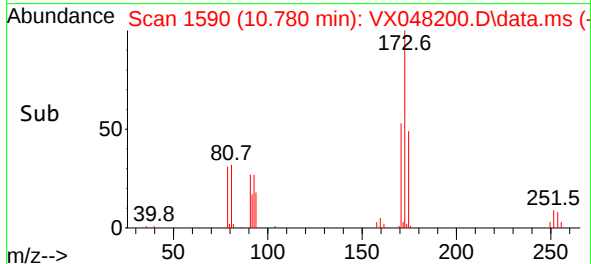
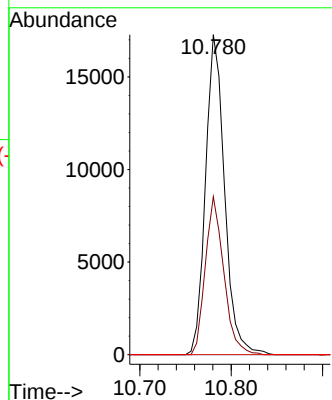
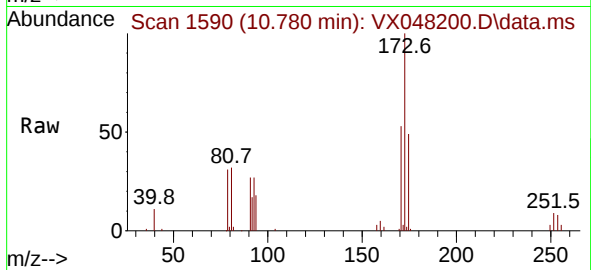
Tgt Ion:173 Resp: 24913

Ion Ratio Lower Upper

173 100

175 48.1 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

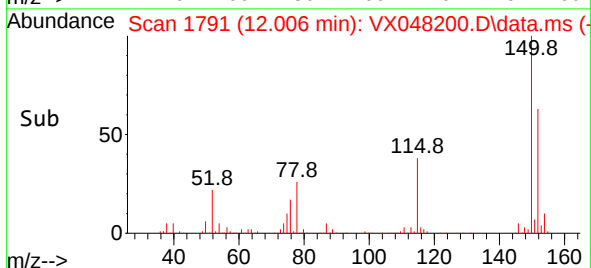
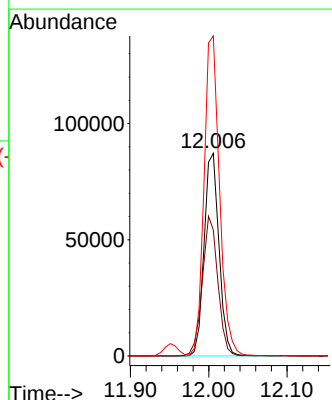
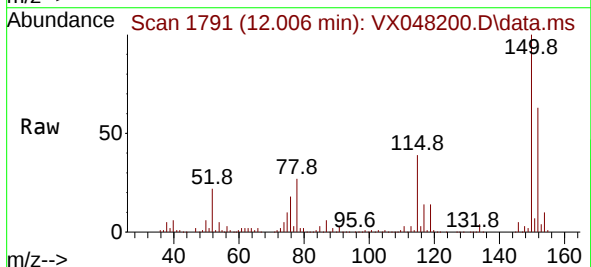
Tgt Ion:152 Resp: 115135

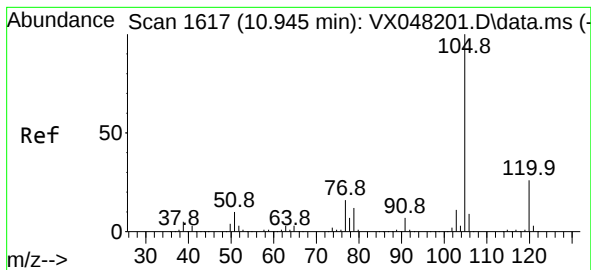
Ion Ratio Lower Upper

152 100

115 71.6 43.1 129.4

150 164.4 0.0 353.0





#73

Isopropylbenzene

Concen: 18.467 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

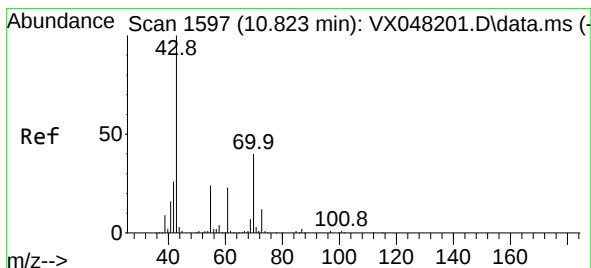
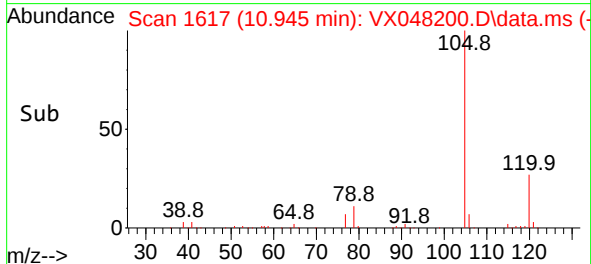
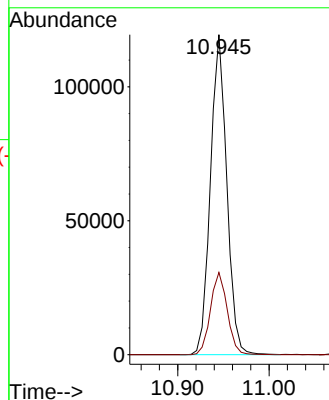
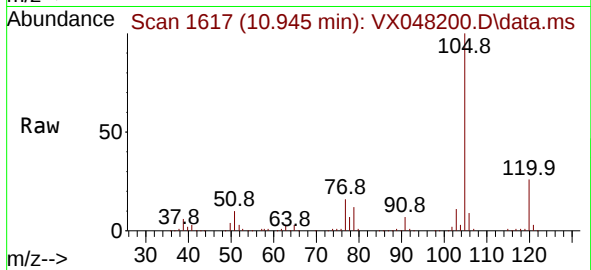
VSTDICC020

Tgt Ion:105 Resp: 147885

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 18.261 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 54555

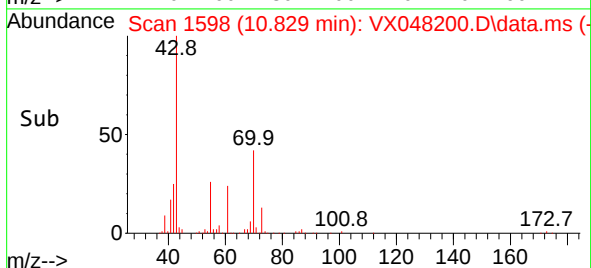
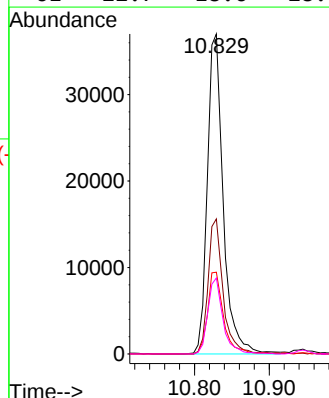
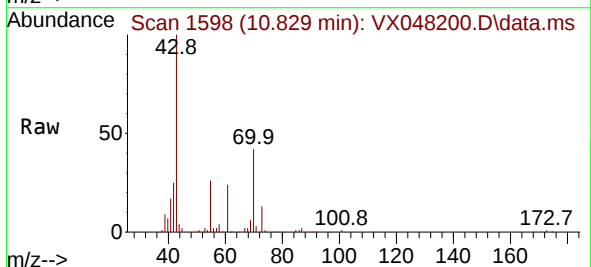
Ion Ratio Lower Upper

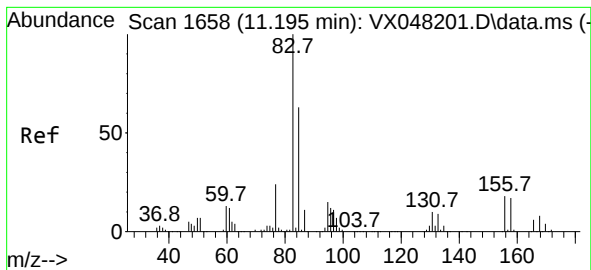
43 100

70 40.1 32.2 48.2

55 25.4 19.1 28.7

61 22.7 18.6 28.0

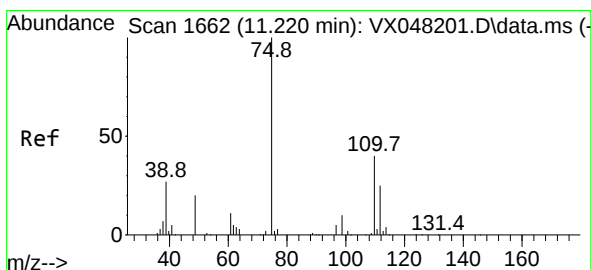
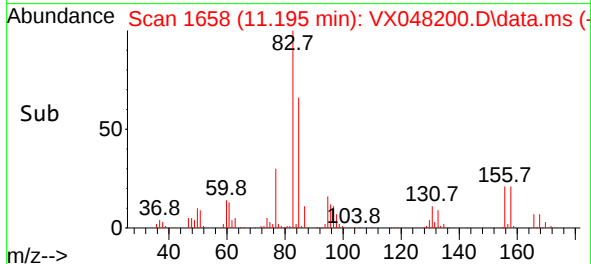
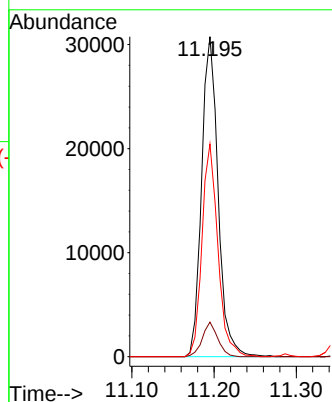
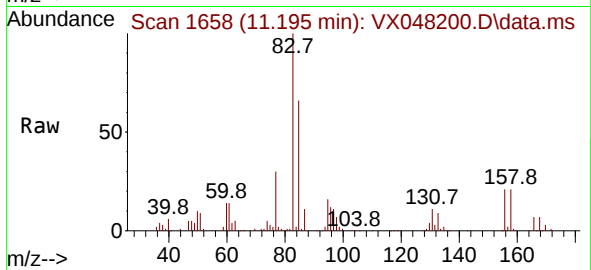




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.889 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

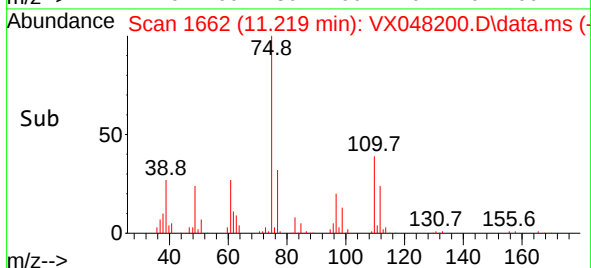
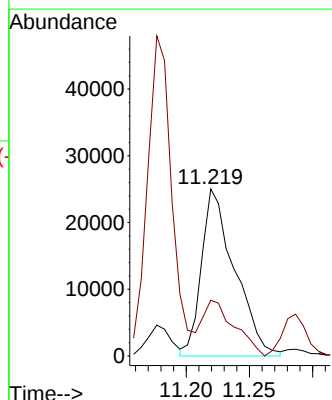
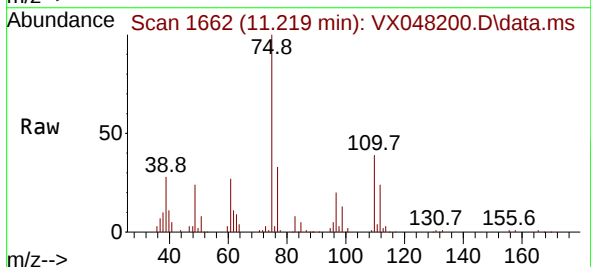
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

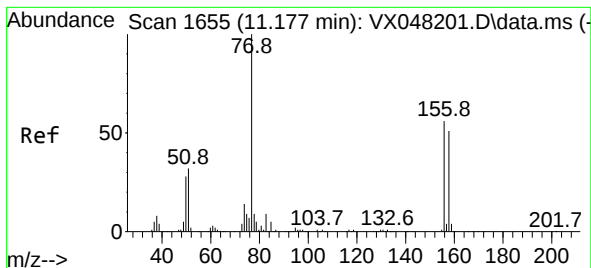
Tgt Ion: 83 Resp: 42852
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.8 14.4
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 26.017 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 45741
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.4 67.2





#77

Bromobenzene

Concen: 18.429 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

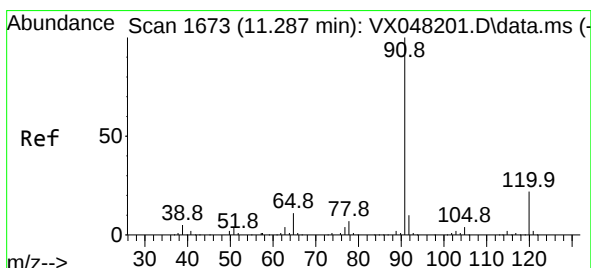
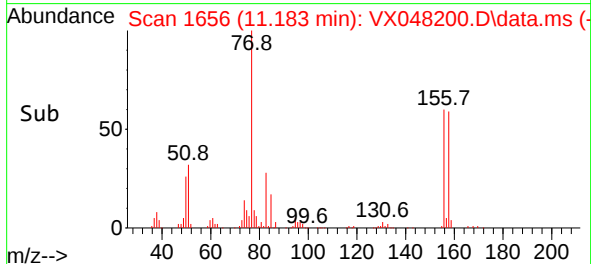
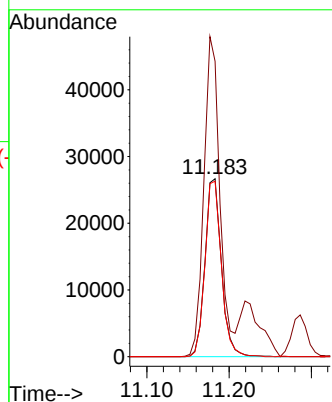
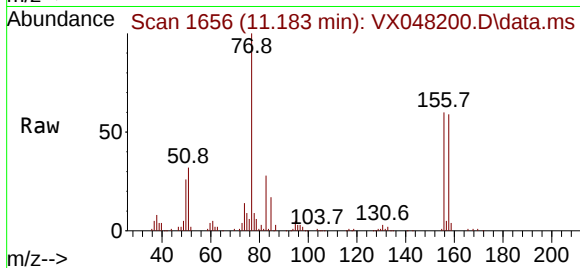
Tgt Ion:156 Resp: 36931

Ion Ratio Lower Upper

156 100

77 175.3 87.0 261.0

158 98.7 47.8 143.4



#78

n-propylbenzene

Concen: 18.596 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048200.D

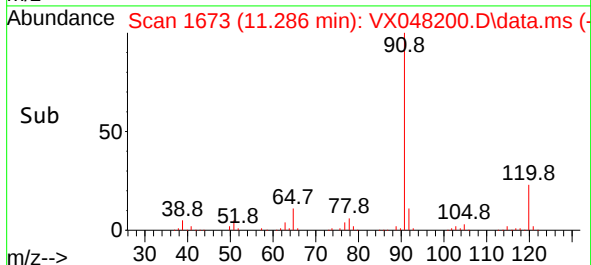
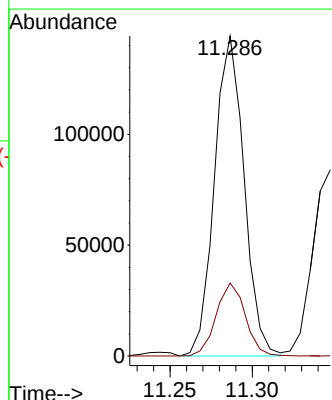
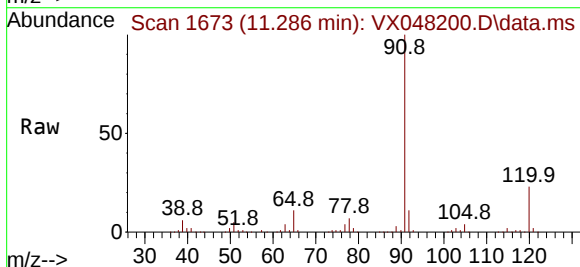
Acq: 17 Oct 2025 09:35

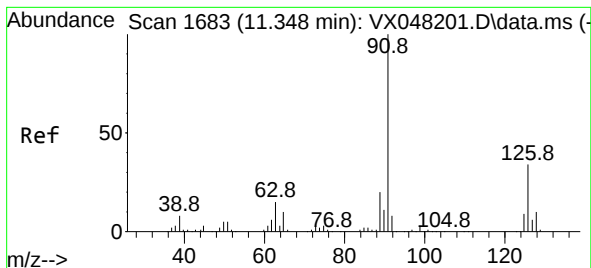
Tgt Ion: 91 Resp: 180587

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 18.889 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

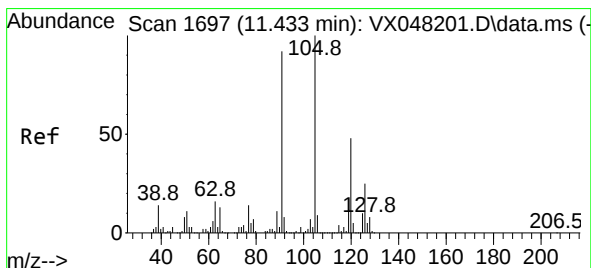
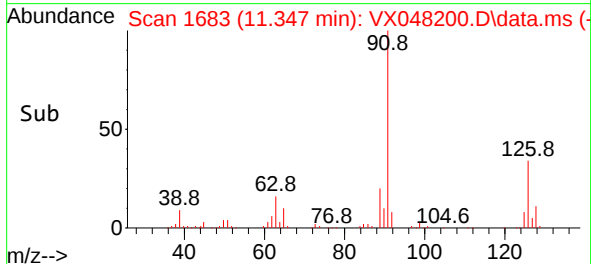
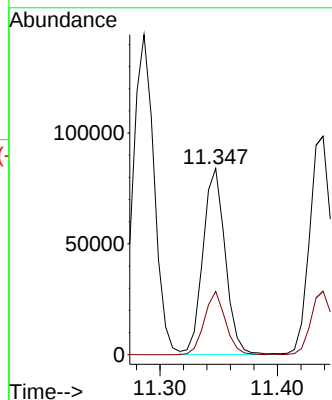
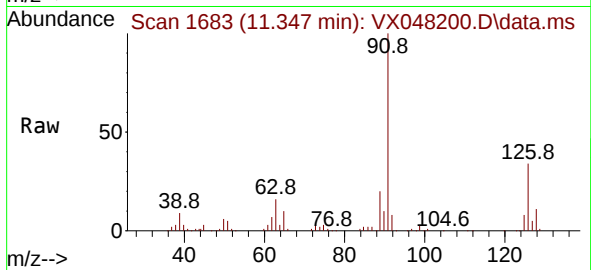
VSTDIC020

Tgt Ion: 91 Resp: 110822

Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 18.861 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048200.D

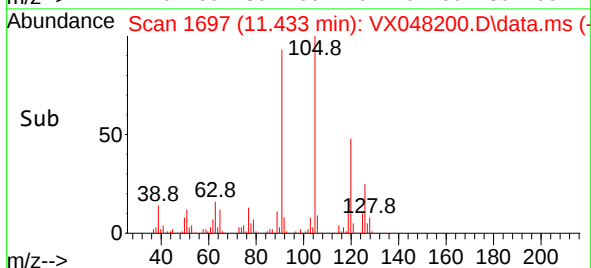
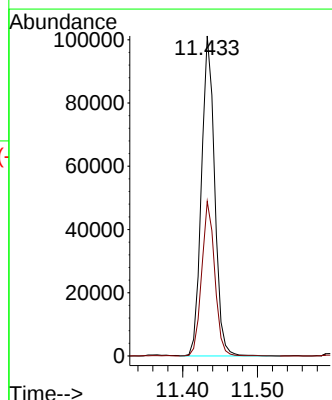
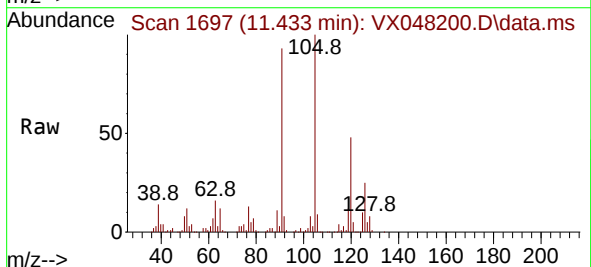
Acq: 17 Oct 2025 09:35

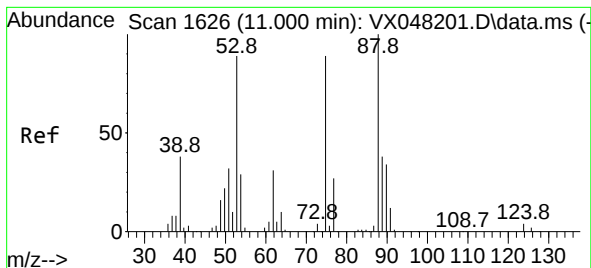
Tgt Ion:105 Resp: 123979

Ion Ratio Lower Upper

105 100

120 47.8 24.0 72.0

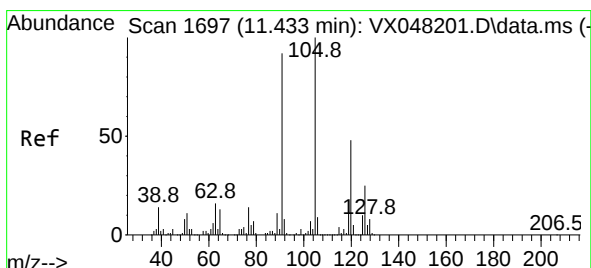
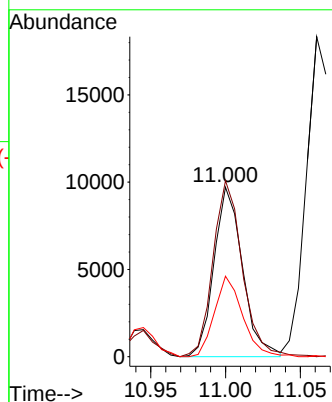
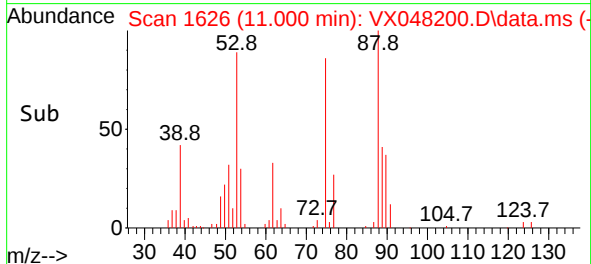
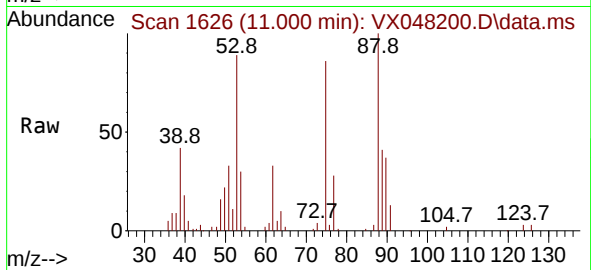




#81
trans-1,4-Dichloro-2-butene
Concen: 17.959 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

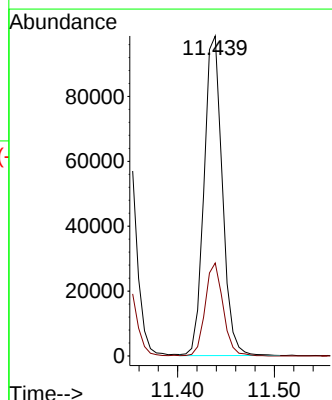
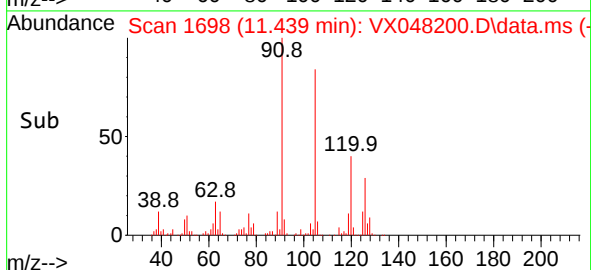
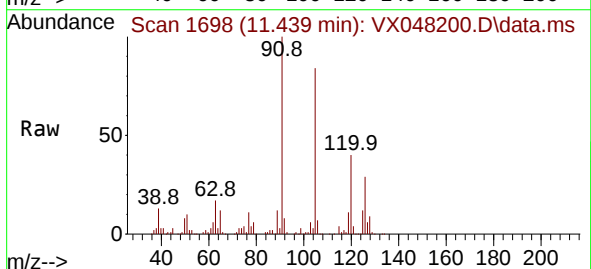
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

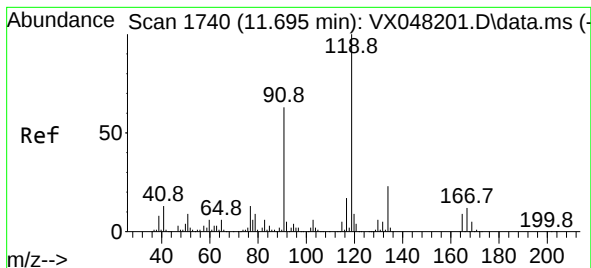
Tgt Ion: 75 Resp: 12895
Ion Ratio Lower Upper
75 100
53 106.6 79.5 119.3
89 46.8 36.8 55.2



#82
4-Chlorotoluene
Concen: 18.828 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 91 Resp: 129814
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 18.118 ug/l

RT: 11.695 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

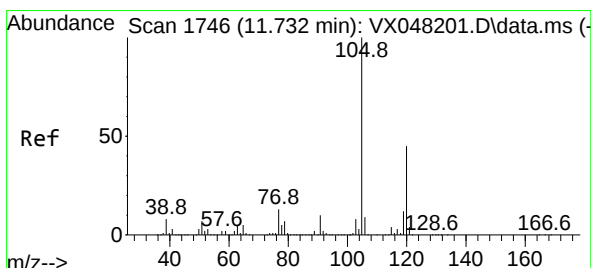
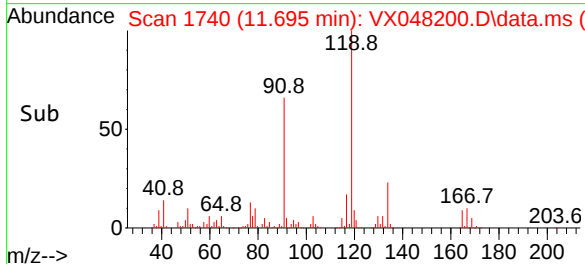
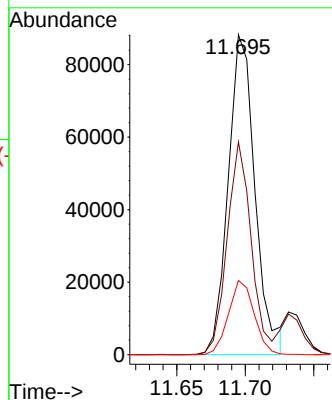
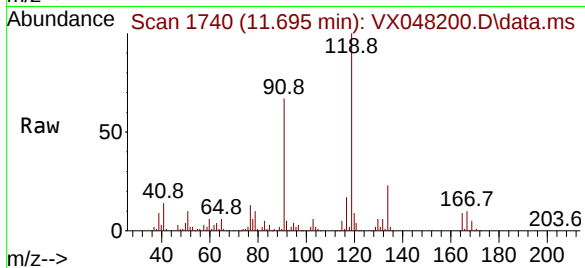
Tgt Ion:119 Resp: 120319

Ion Ratio Lower Upper

119 100

91 59.7 30.3 91.0

134 22.3 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 18.960 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048200.D

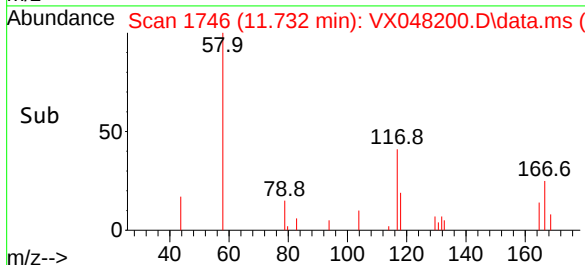
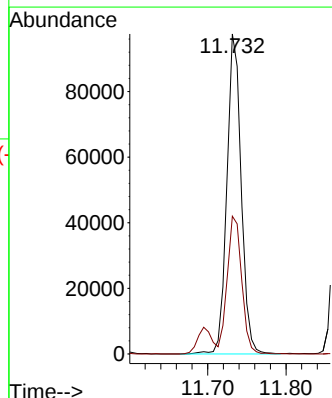
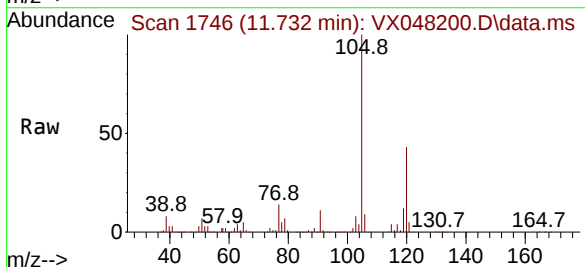
Acq: 17 Oct 2025 09:35

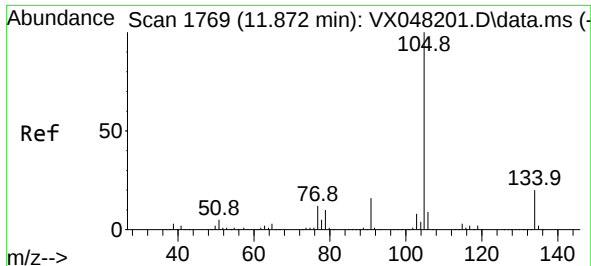
Tgt Ion:105 Resp: 124103

Ion Ratio Lower Upper

105 100

120 43.3 22.1 66.5

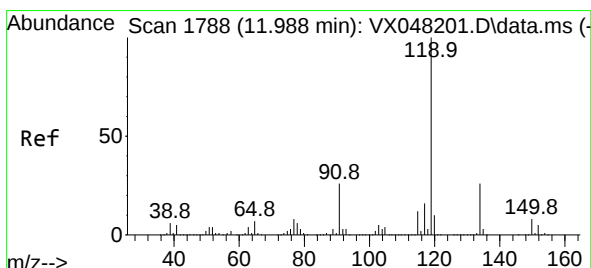
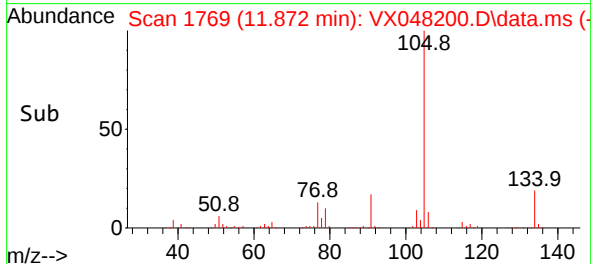
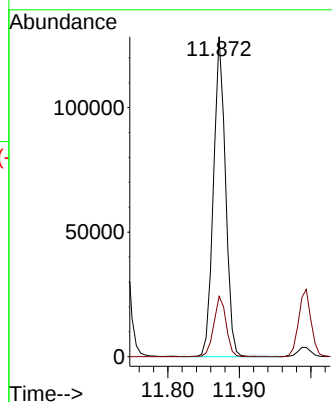
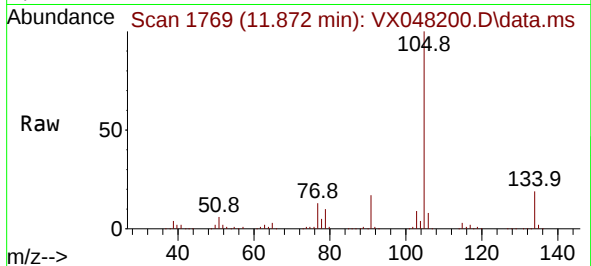




#85
sec-Butylbenzene
Concen: 18.453 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

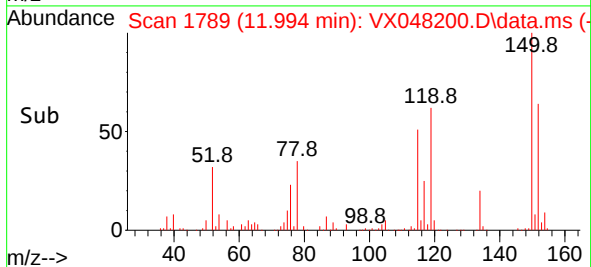
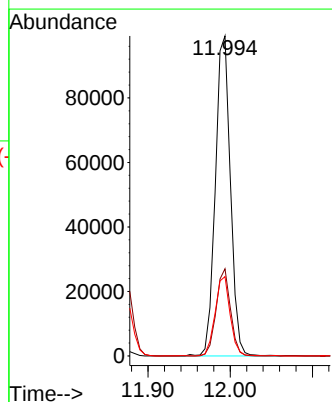
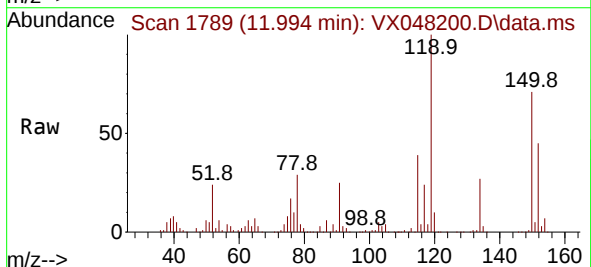
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

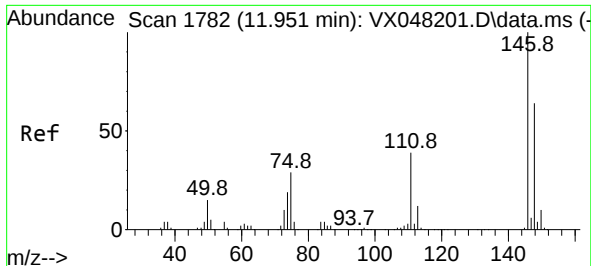
Tgt Ion:105 Resp: 149810
Ion Ratio Lower Upper
105 100
134 19.3 10.1 30.1



#86
p-Isopropyltoluene
Concen: 18.425 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:119 Resp: 126086
Ion Ratio Lower Upper
119 100
134 25.9 13.0 39.0
91 24.9 12.1 36.3

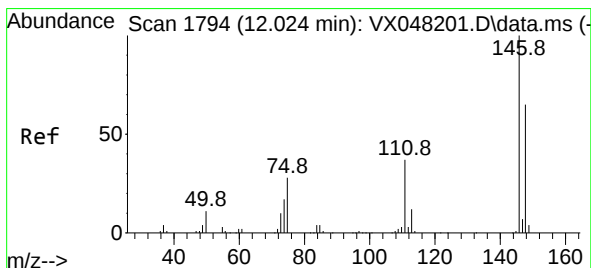
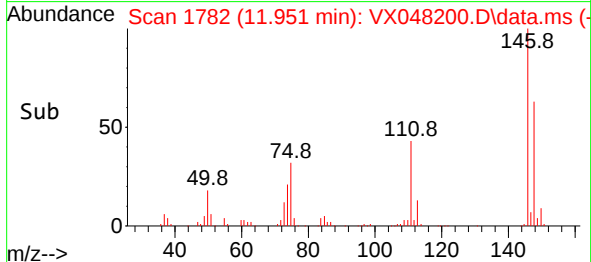
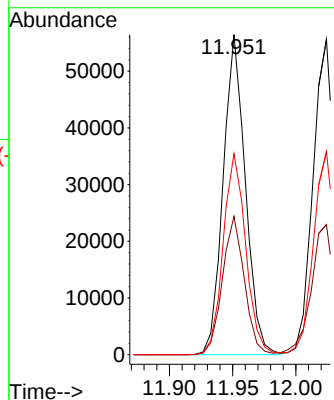
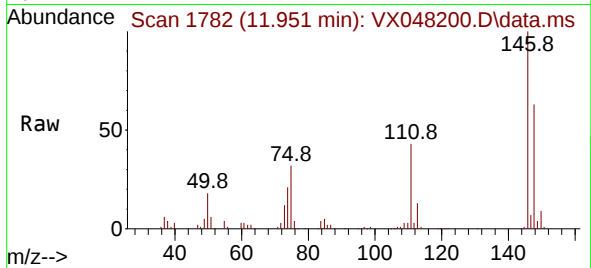




#87
 1,3-Dichlorobenzene
 Concen: 18.336 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

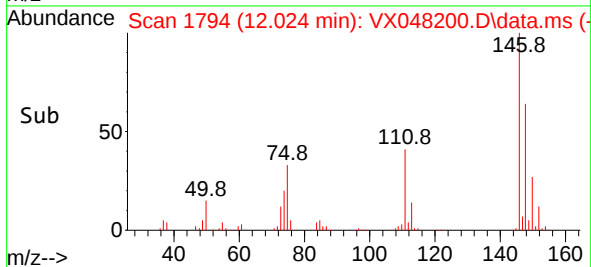
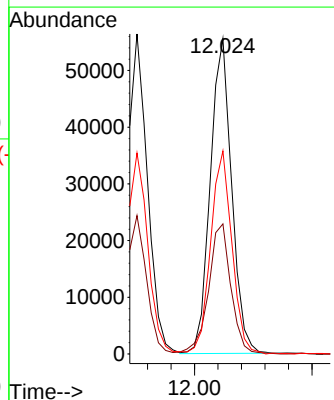
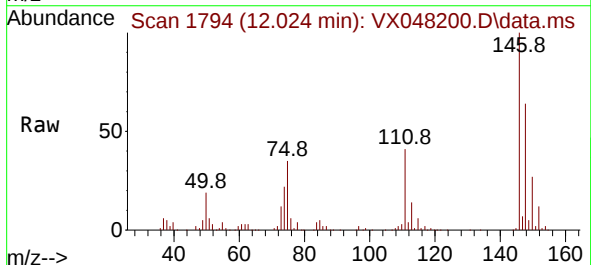
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

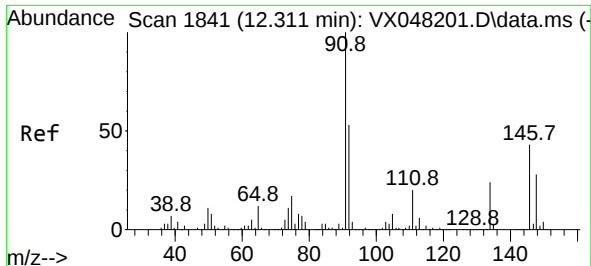
Tgt Ion:146 Resp: 68717
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.4 61.2
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.024 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Tgt Ion:146 Resp: 70018
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.1 60.2
 148 64.5 31.8 95.3





#89

n-Butylbenzene

Concen: 17.742 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

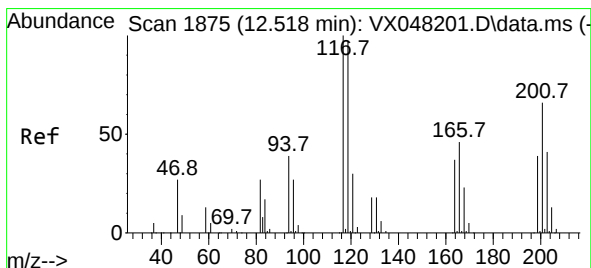
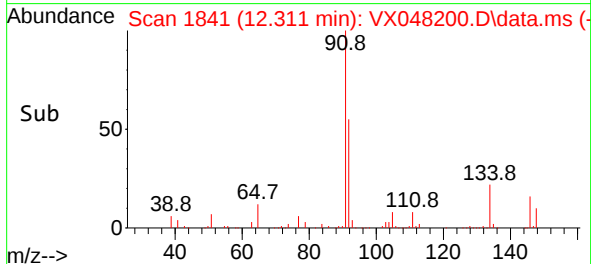
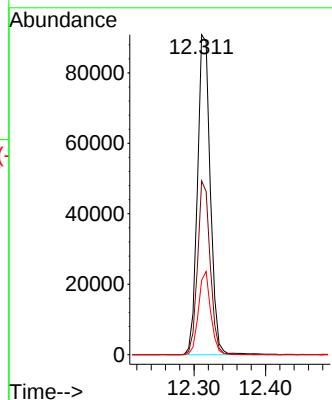
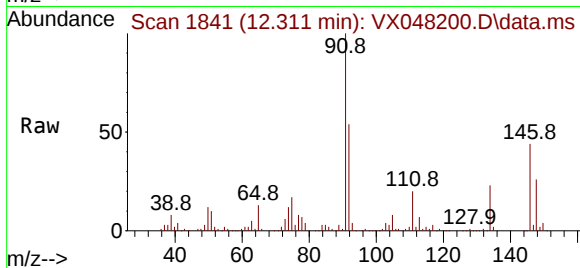
Tgt Ion: 91 Resp: 113088

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.6

134 24.6 12.7 38.1



#90

Hexachloroethane

Concen: 17.745 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048200.D

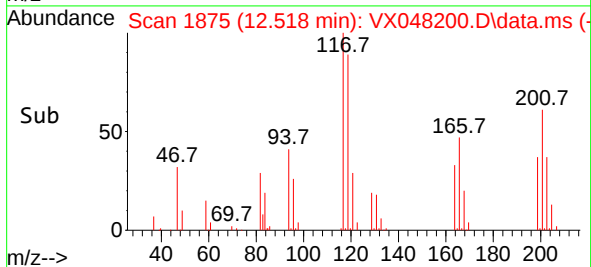
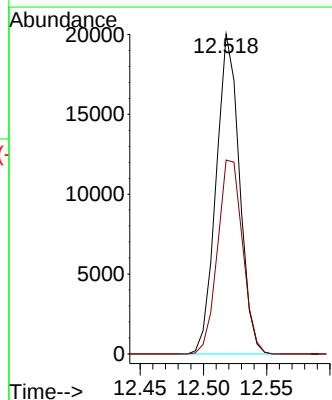
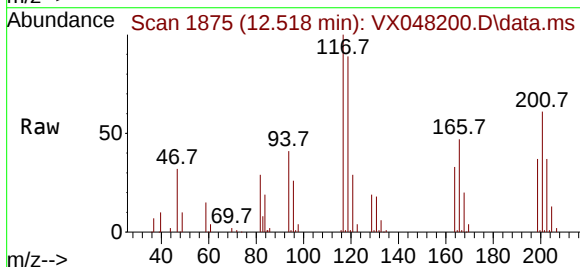
Acq: 17 Oct 2025 09:35

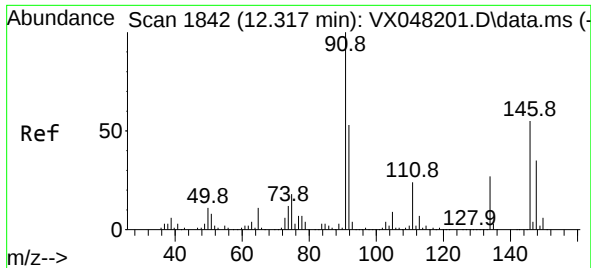
Tgt Ion: 117 Resp: 25630

Ion Ratio Lower Upper

117 100

201 65.3 34.1 102.2

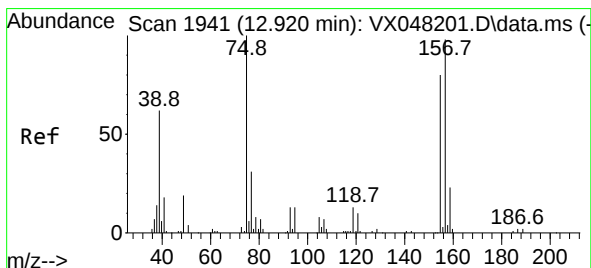
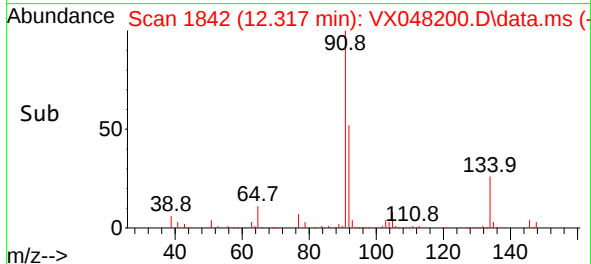
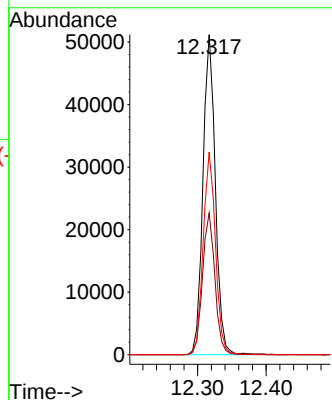
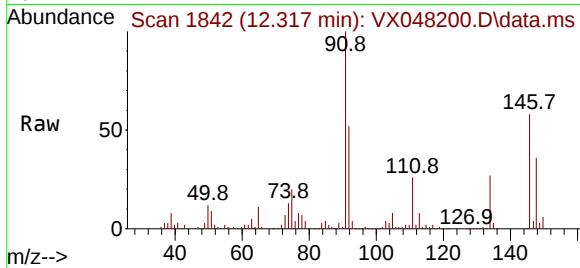




#91
 1,2-Dichlorobenzene
 Concen: 18.175 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

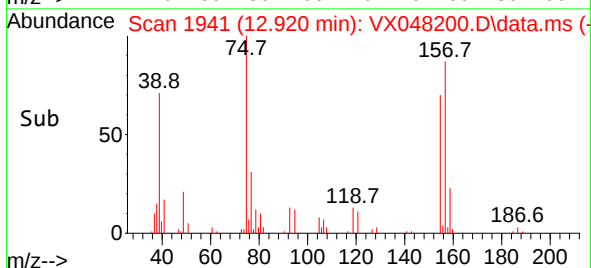
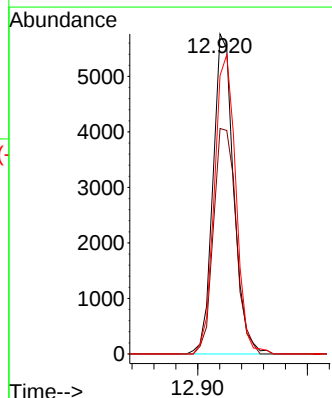
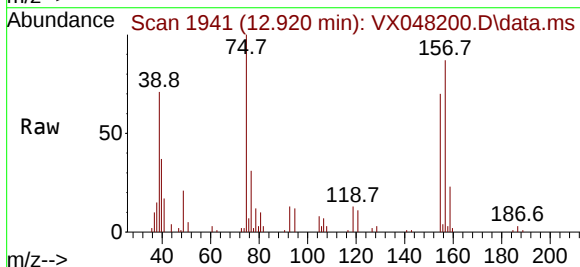
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

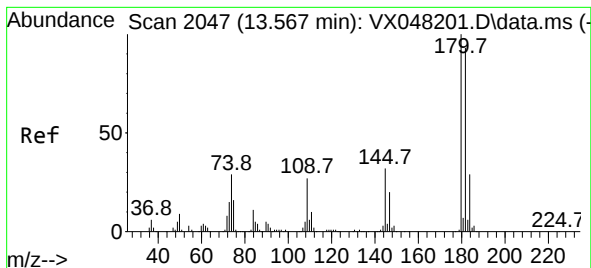
Tgt Ion:146 Resp: 64353
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.9 65.5
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.167 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 7531
 Ion Ratio Lower Upper
 75 100
 155 77.2 42.8 128.4
 157 97.2 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 17.613 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

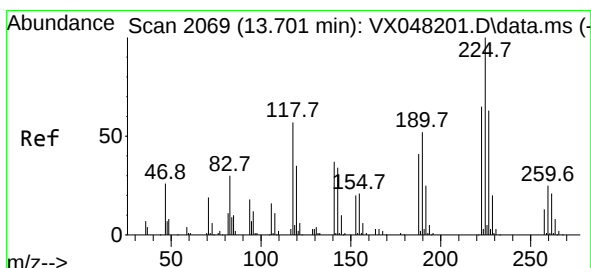
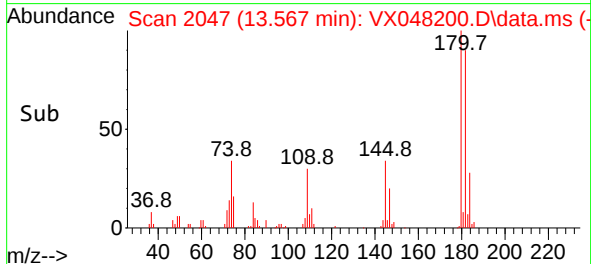
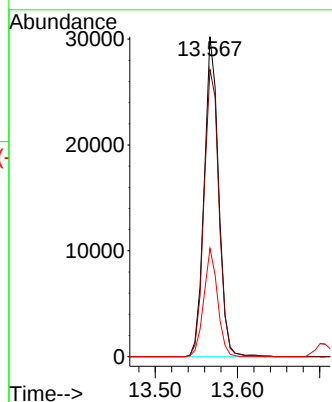
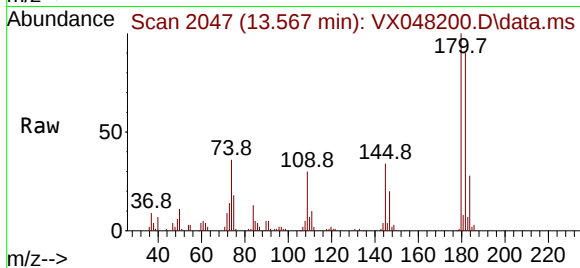
Tgt Ion:180 Resp: 36816

Ion Ratio Lower Upper

180 100

182 93.0 47.3 142.0

145 32.3 16.3 48.9



#94

Hexachlorobutadiene

Concen: 16.807 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

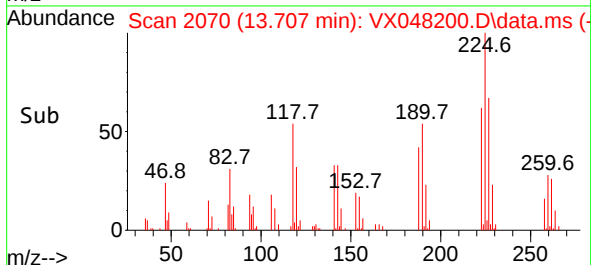
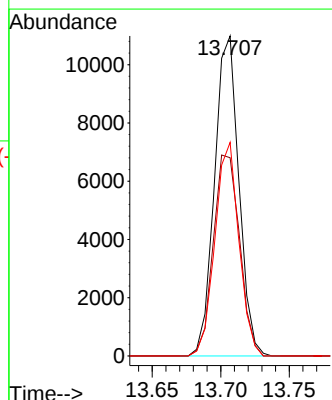
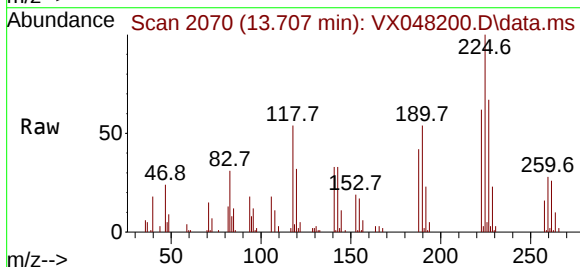
Tgt Ion:225 Resp: 13549

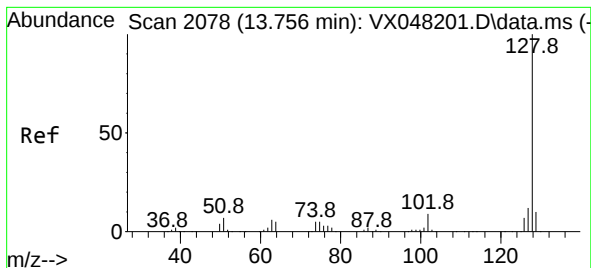
Ion Ratio Lower Upper

225 100

223 67.9 32.6 97.7

227 65.7 32.5 97.4





#95

Naphthalene

Concen: 18.045 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

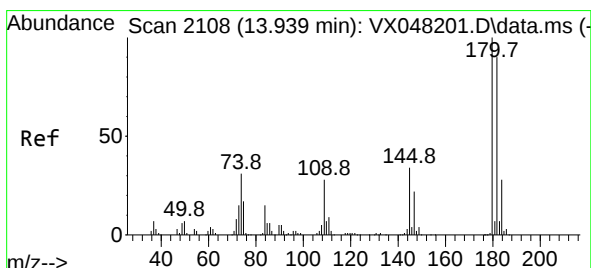
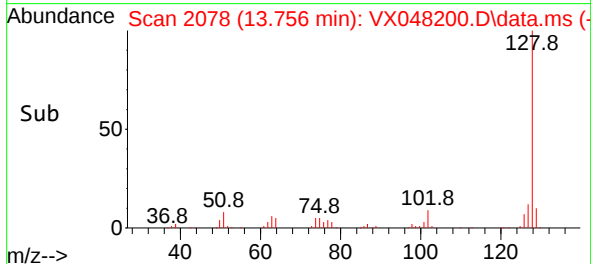
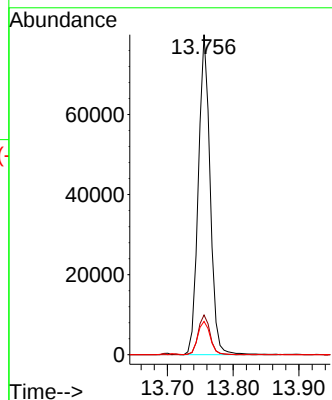
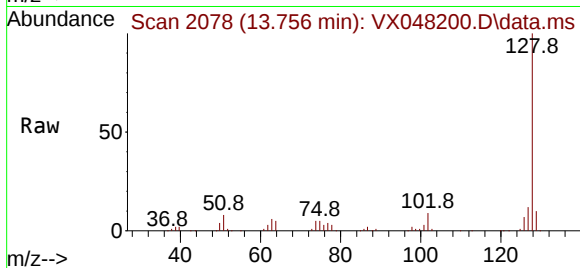
Tgt Ion:128 Resp: 99425

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.580 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion:180 Resp: 33905

Ion Ratio Lower Upper

180 100

182 97.2 46.6 139.7

145 34.8 16.9 50.7

