

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047589.D
 Acq On : 16 Sep 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 22 01:51:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 204.680%#	
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 211.920%#	
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 208.780%#	
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 205.340%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220	ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916	ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482	ug/l	99
44) Trichloroethene	7.104	130	217753	101.234	ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145	ug/l	100
46) Dibromomethane	7.562	93	164987	99.519	ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136	ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612	ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834	ug/l	100
52) Toluene	8.702	92	536148	97.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434	ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435	ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814	ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380	ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226	ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147	ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284	ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988	ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823	ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624	ug/l	99
69) o-Xylene	10.622	106	372621	102.186	ug/l	99
70) Styrene	10.634	104	649863	101.710	ug/l	100
71) Bromoform	10.781	173	161188	106.566	ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768	ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	327988	132.545	ug/l	89
77) Bromobenzene	11.183	156	234666	102.541	ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941	ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689	ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054	ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144	ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840	ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985	ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138	ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922	ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049	ug/l	99
95) Naphthalene	13.756	128	854492	106.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

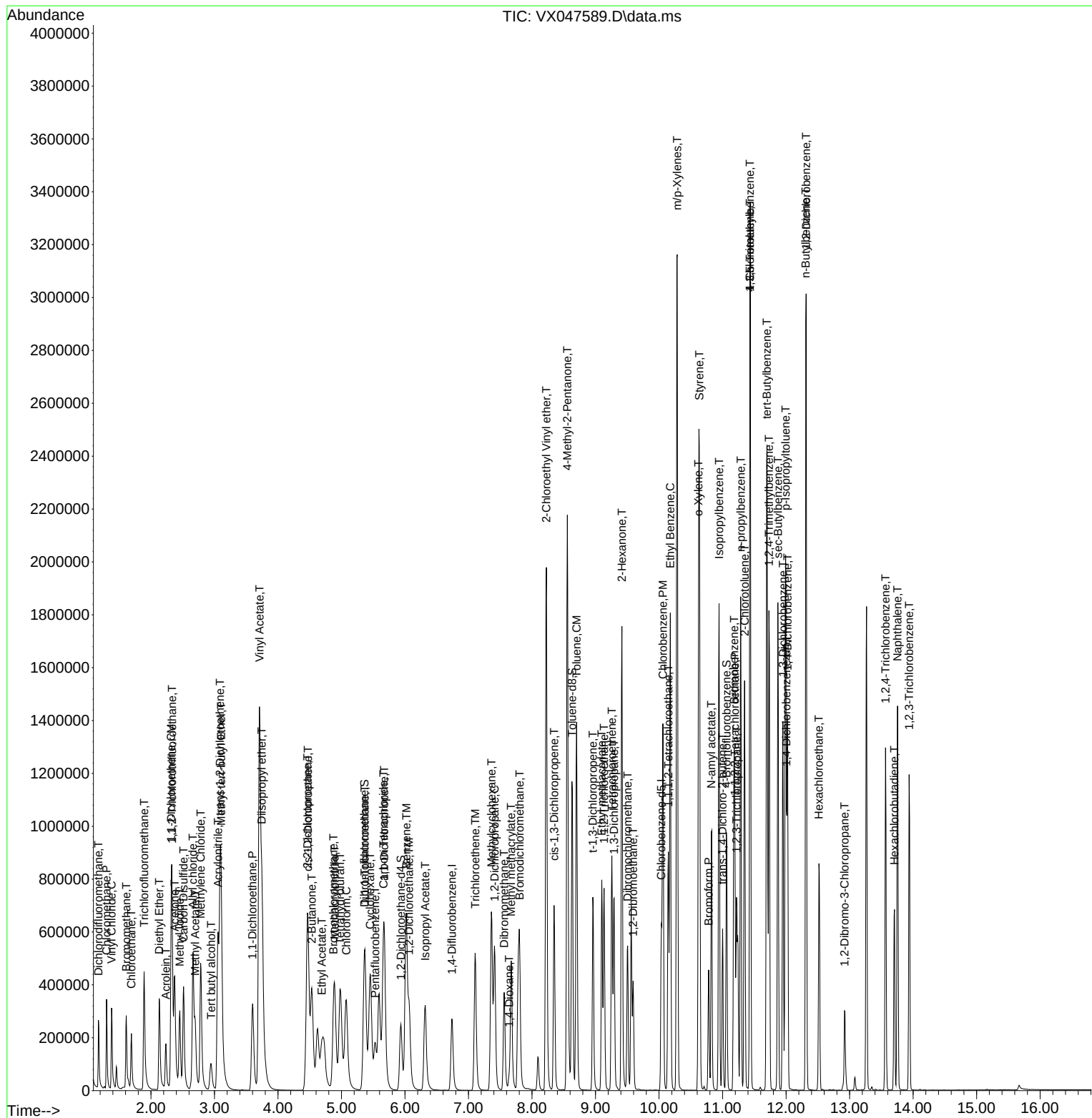
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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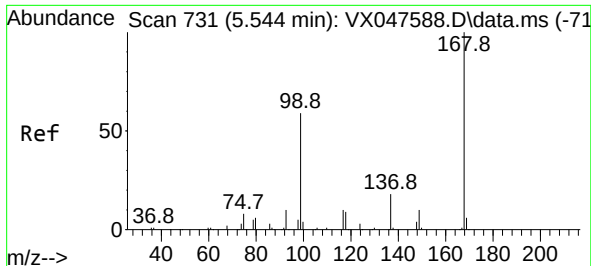
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTDIC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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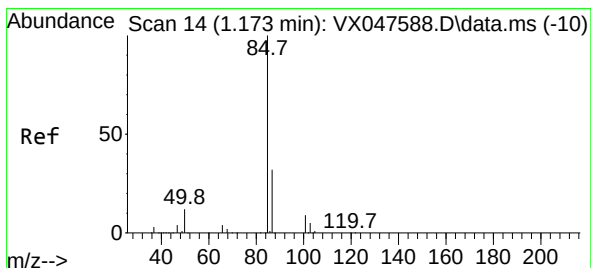
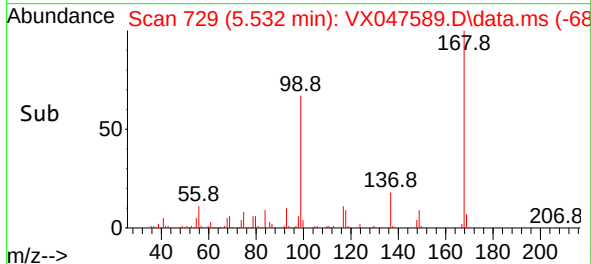
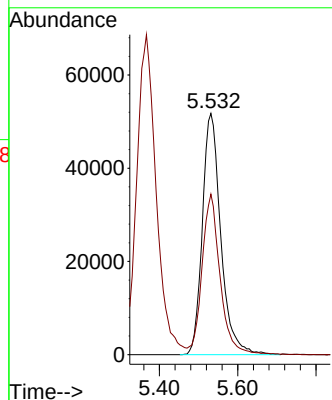
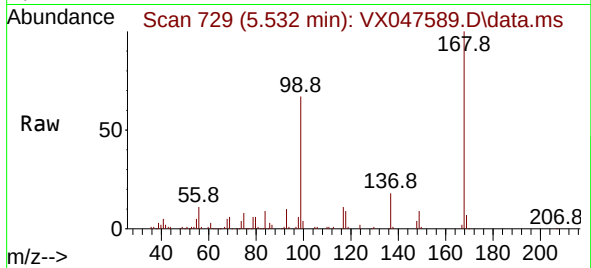




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
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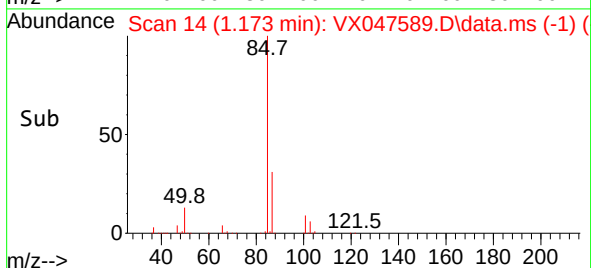
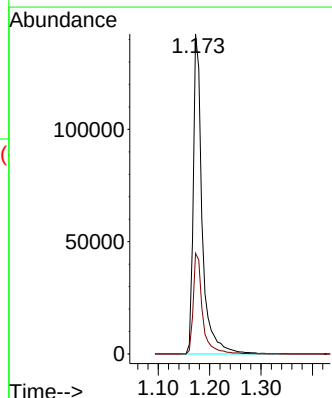
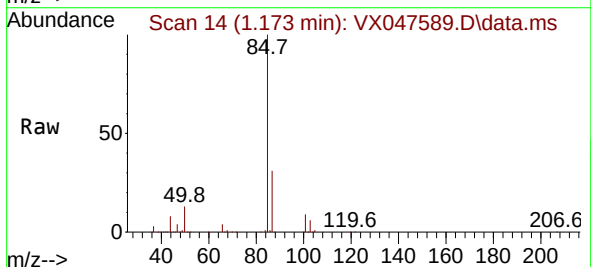
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

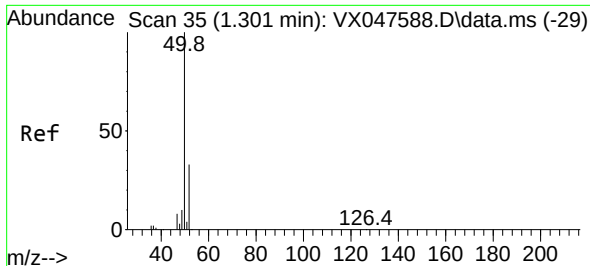
Tgt Ion:168 Resp: 169280
Ion Ratio Lower Upper
168 100
99 66.4 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.3

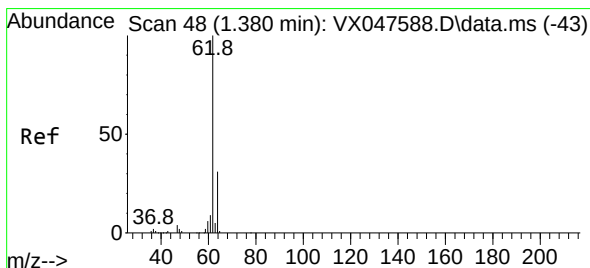
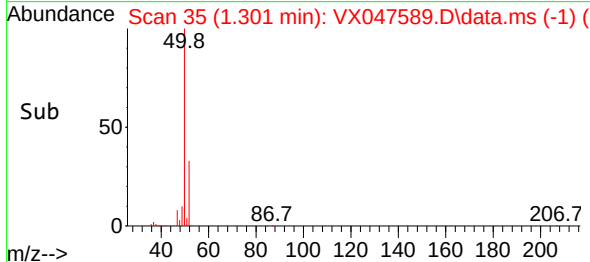
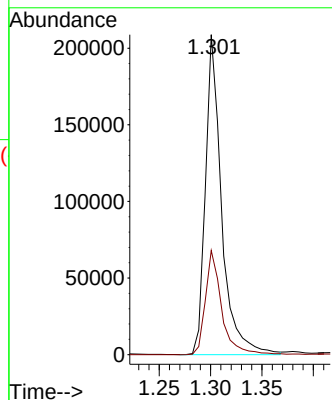
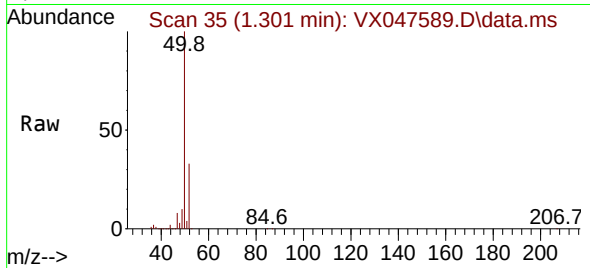




#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

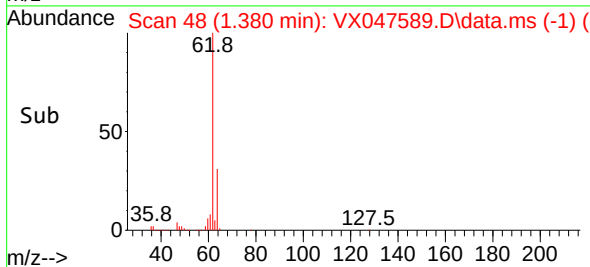
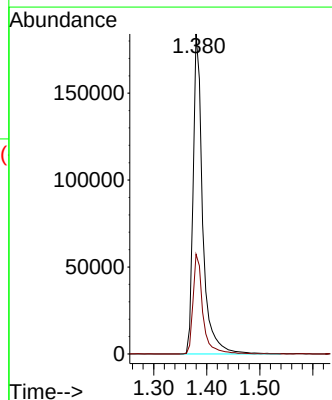
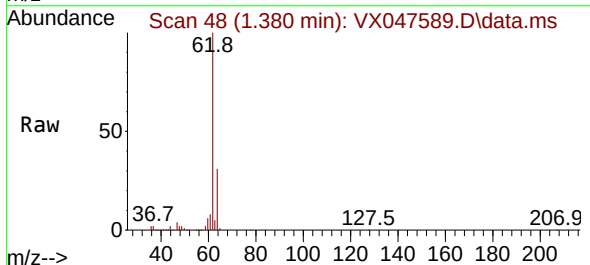
Instrument :
MSVOA_X
ClientSampleId :
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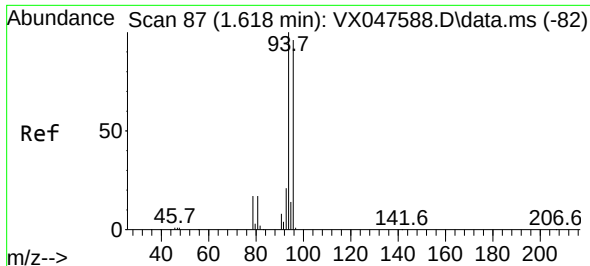
Tgt Ion: 50 Resp: 229165
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3

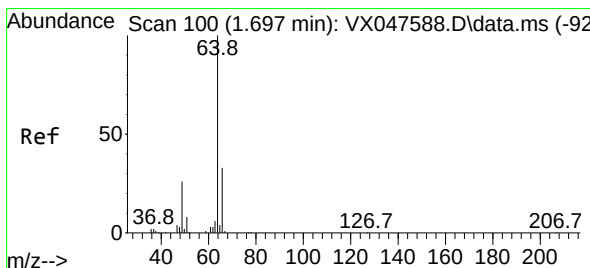
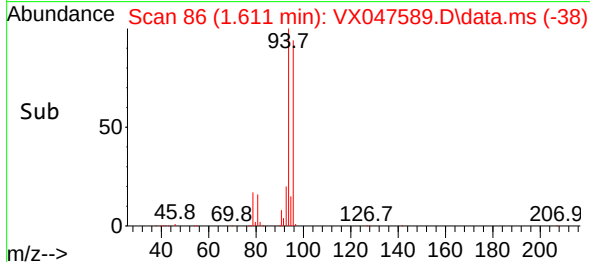
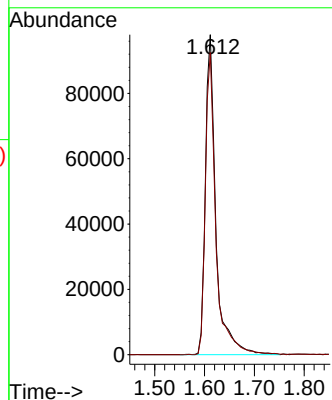
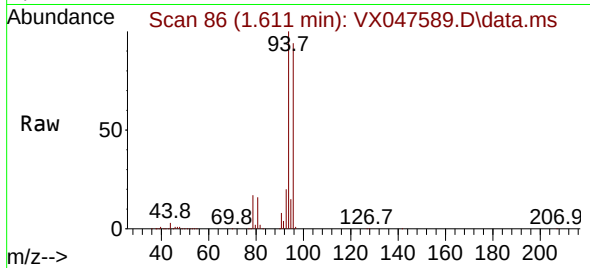




#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047589.D
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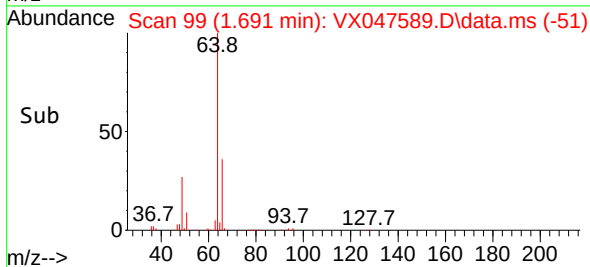
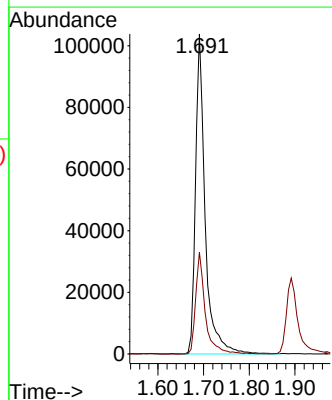
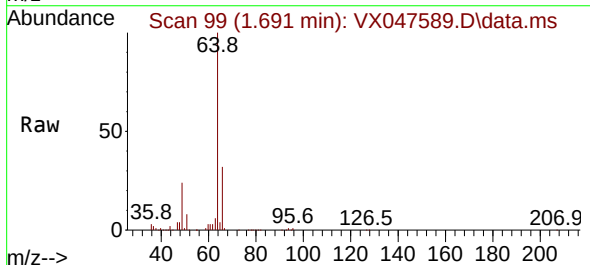
Instrument :
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ClientSampleId :
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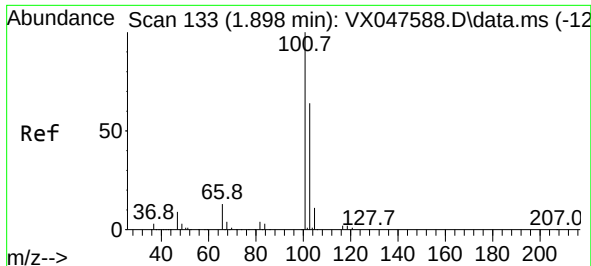
Tgt Ion: 94 Resp: 143113
Ion Ratio Lower Upper
94 100
96 94.4 76.6 115.0



#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

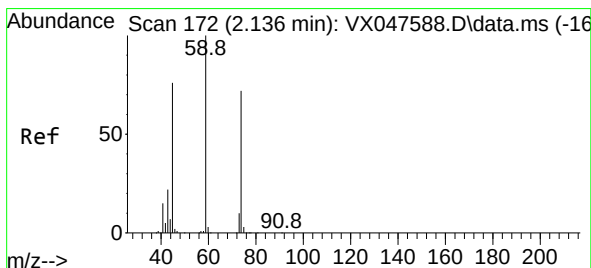
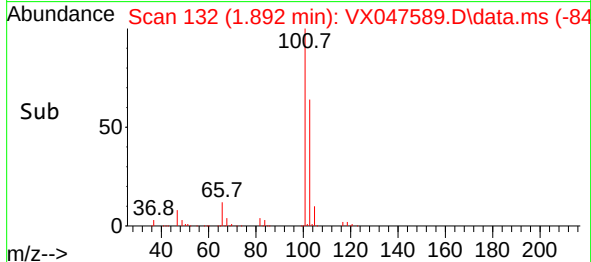
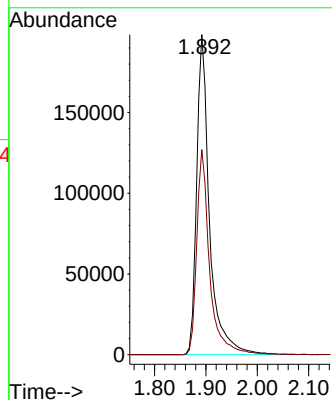
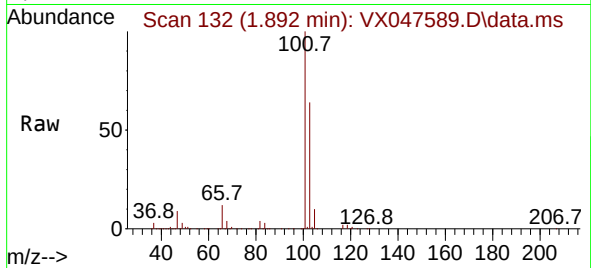




#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

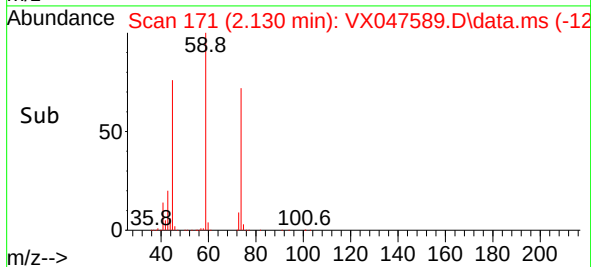
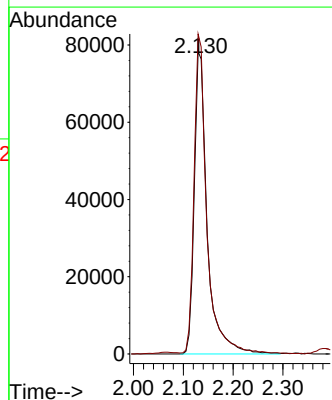
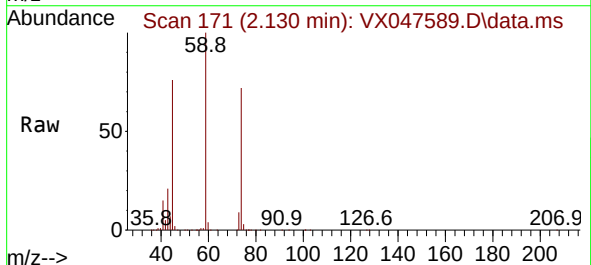
Instrument :
MSVOA_X
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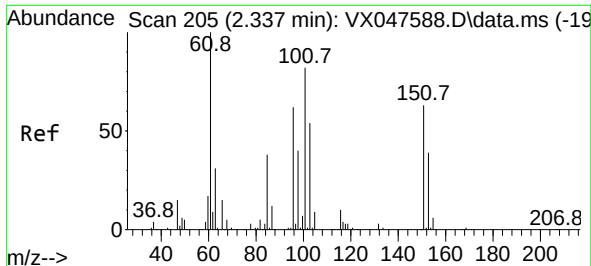
Tgt Ion:101 Resp: 344488
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2



#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
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Tgt Ion: 74 Resp: 142038
Ion Ratio Lower Upper
74 100
45 104.6 52.3 156.8

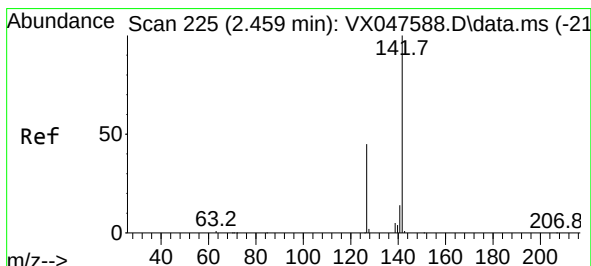
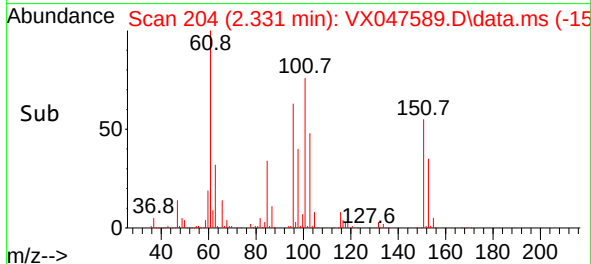
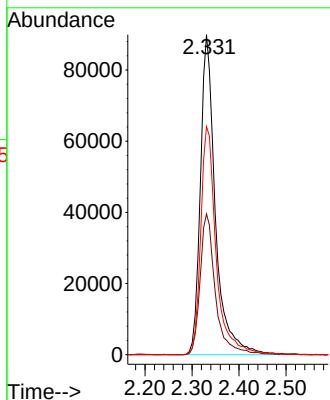
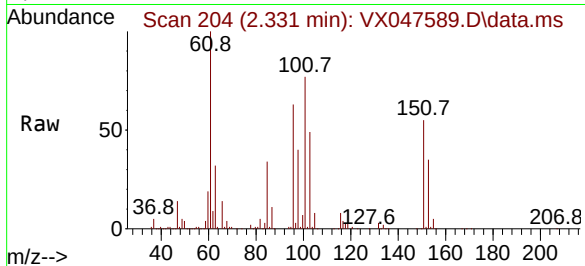




#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

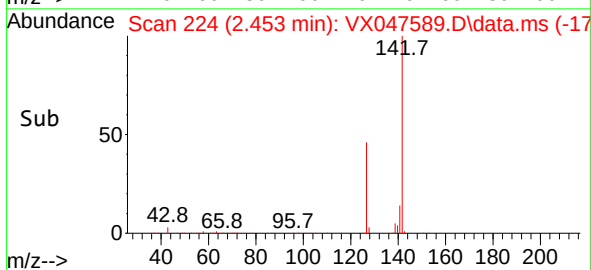
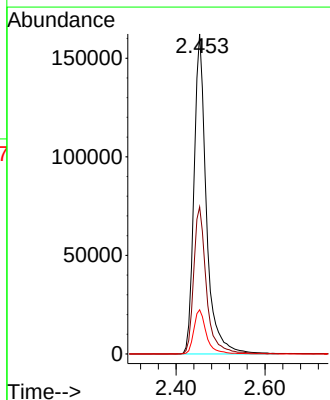
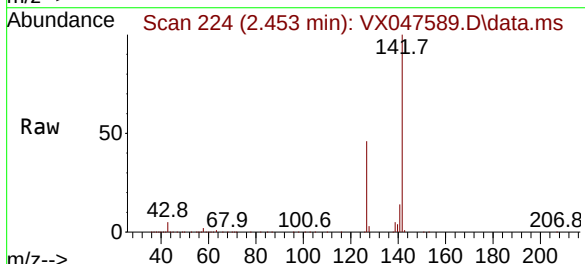
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

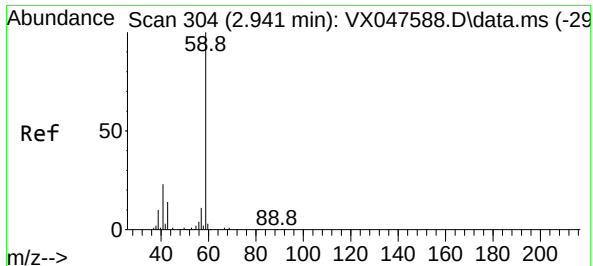
Tgt Ion:101 Resp: 199843
Ion Ratio Lower Upper
101 100
85 45.1 35.5 53.3
151 73.6 59.4 89.0



#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:142 Resp: 313092
Ion Ratio Lower Upper
142 100
127 47.3 37.2 55.8
141 14.1 11.4 17.0

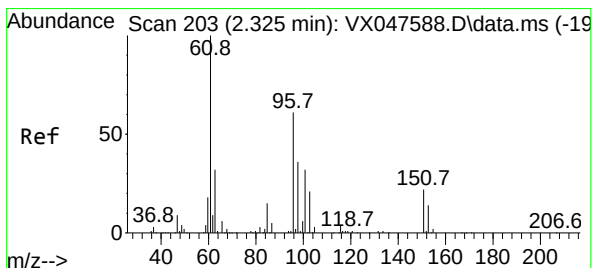
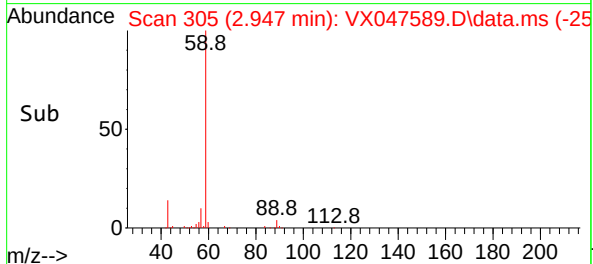
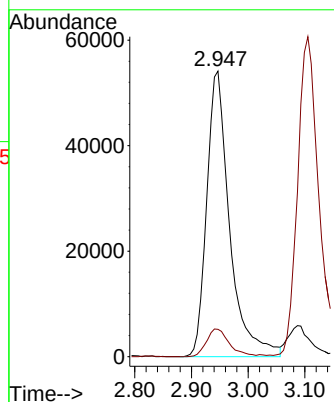
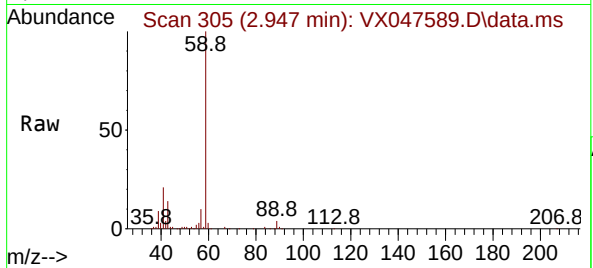




#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

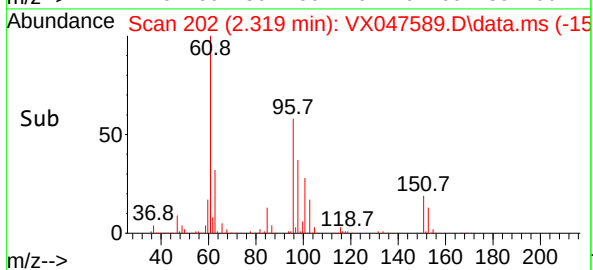
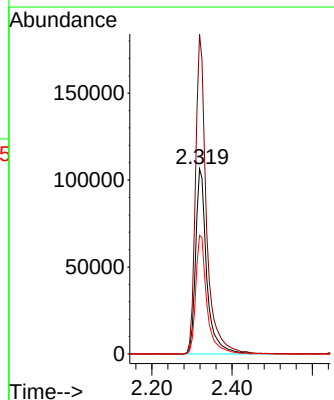
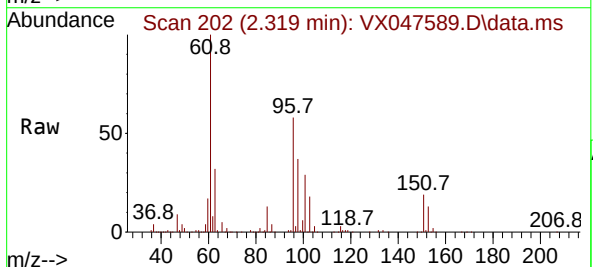
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

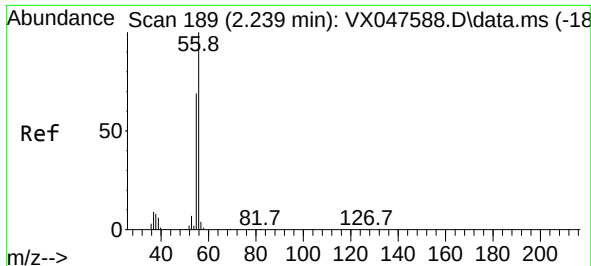
Tgt Ion: 59 Resp: 152108
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 206097
Ion Ratio Lower Upper
96 100
61 172.9 131.0 196.6
98 64.0 47.7 71.5

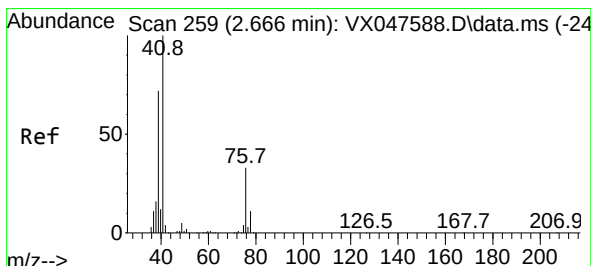
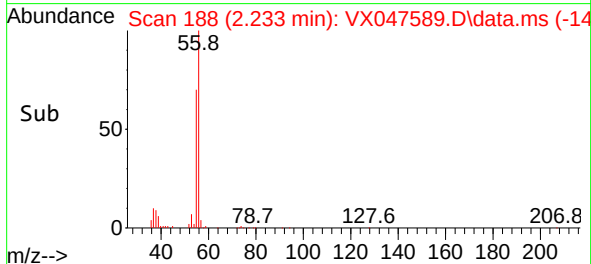
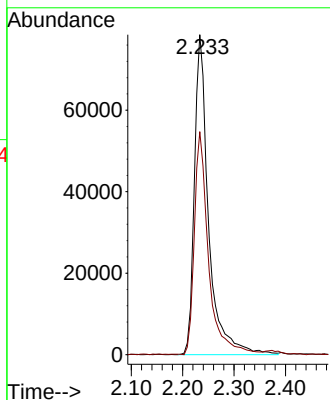
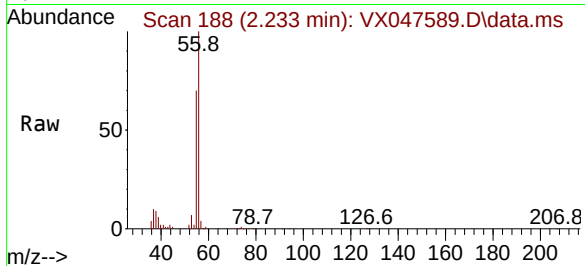




#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

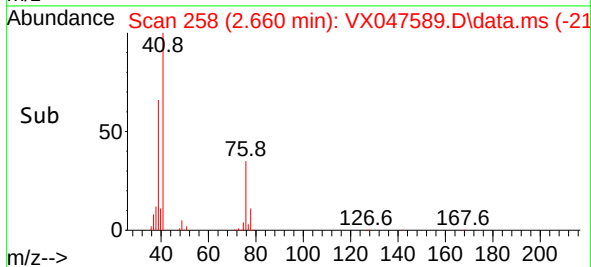
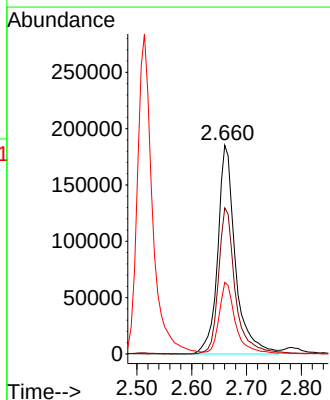
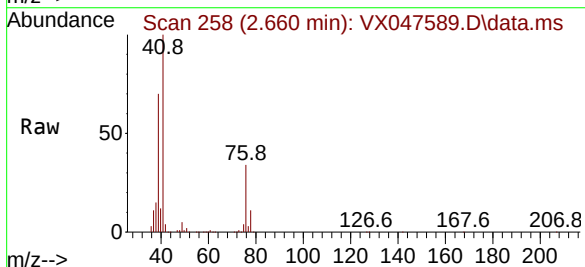
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

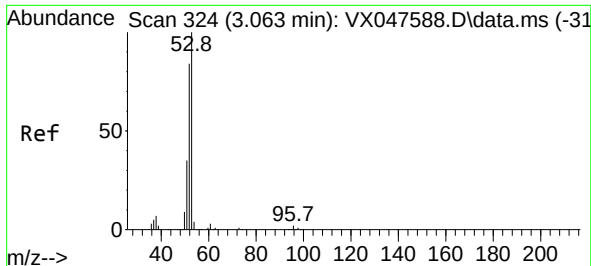
Tgt Ion: 56 Resp: 150793
Ion Ratio Lower Upper
56 100
55 69.4 57.2 85.8



#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 415140
Ion Ratio Lower Upper
41 100
39 67.0 54.7 82.1
76 32.2 25.7 38.5

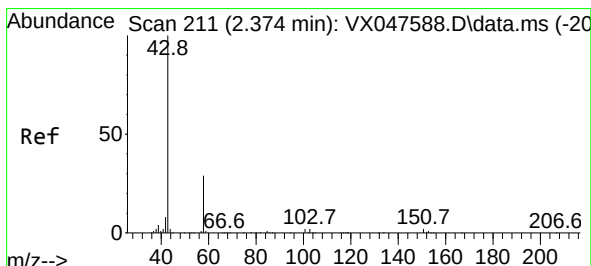
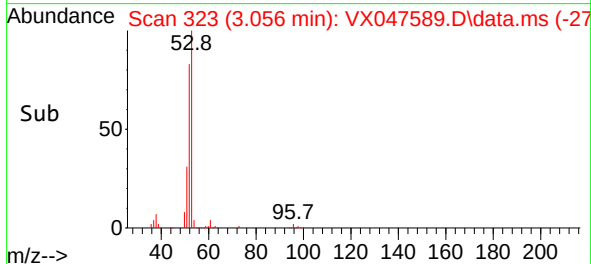
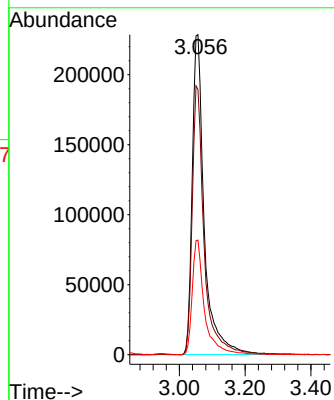
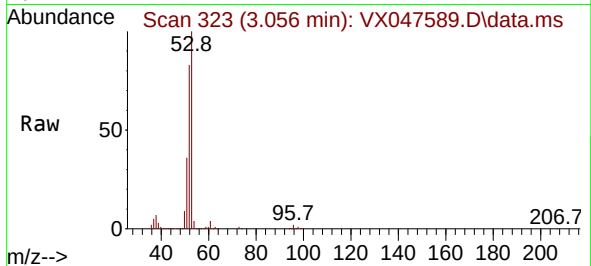




#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

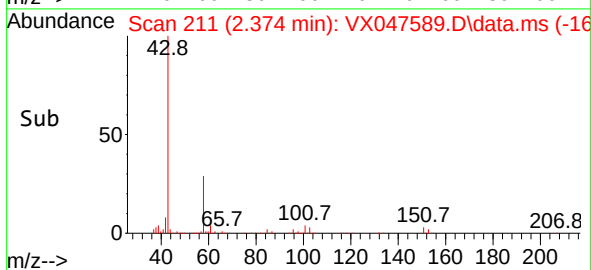
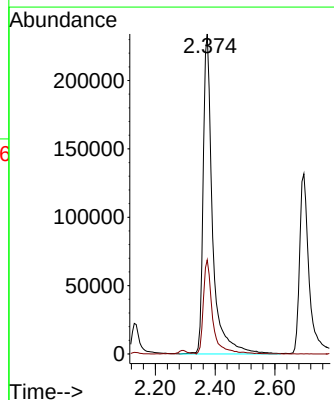
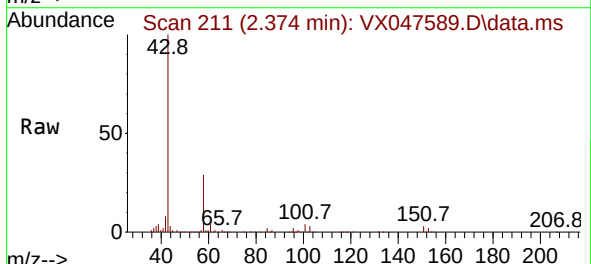
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

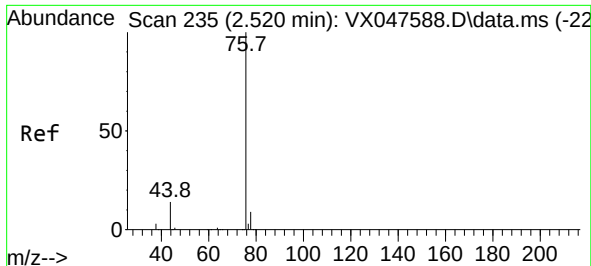
Tgt Ion: 53 Resp: 581240
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 36.4 29.5 44.3



#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.0





#17

Carbon Disulfide

Concen: 97.693 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

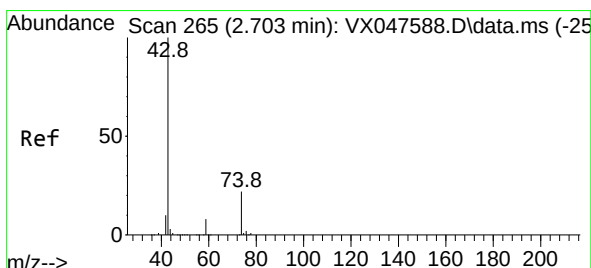
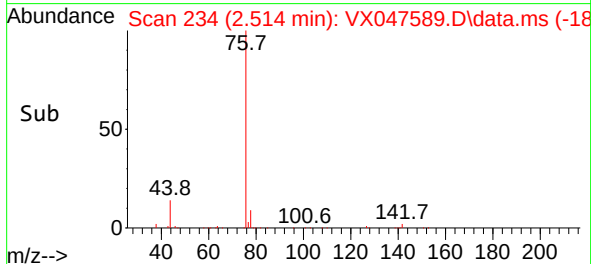
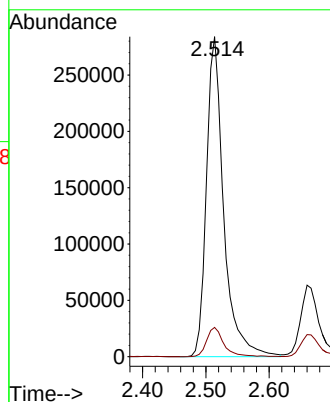
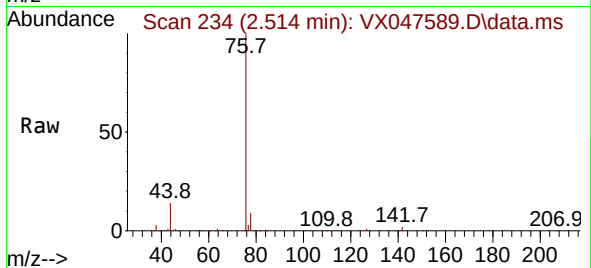
VSTDIC100

Tgt Ion: 76 Resp: 537888

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 112.324 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047589.D

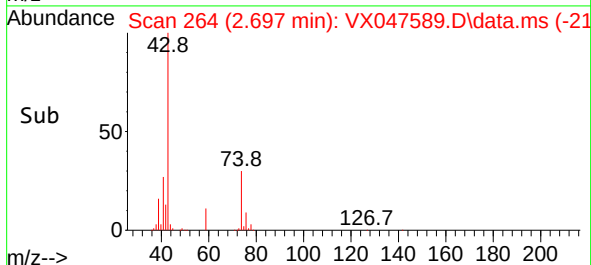
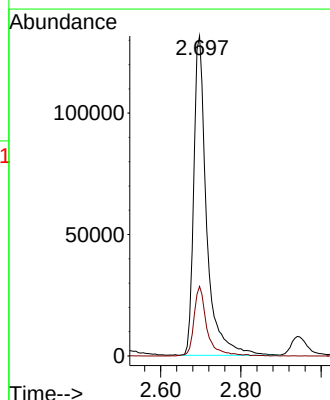
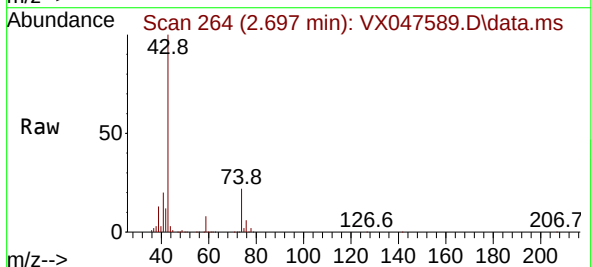
Acq: 16 Sep 2025 11:40

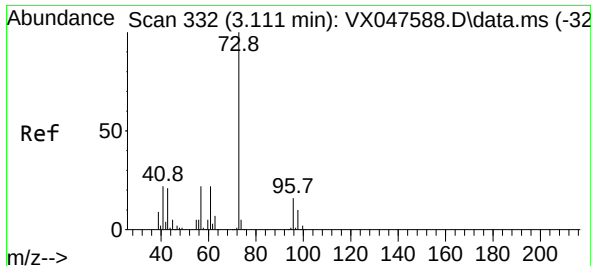
Tgt Ion: 43 Resp: 292867

Ion Ratio Lower Upper

43 100

74 21.8 17.4 26.2

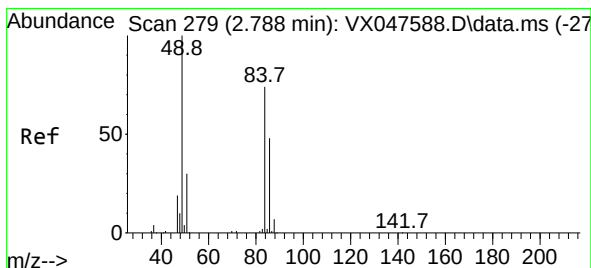
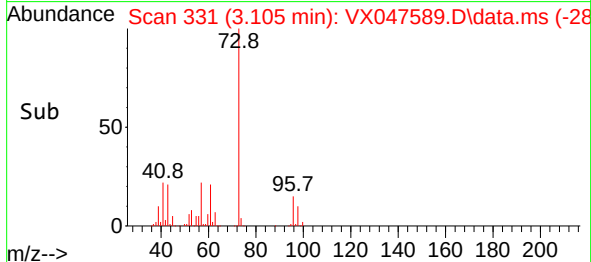
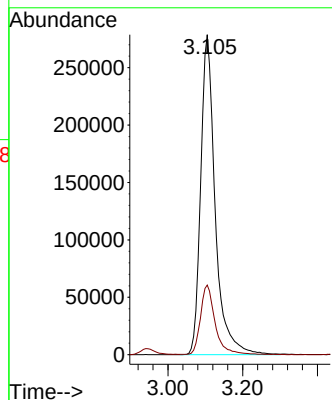
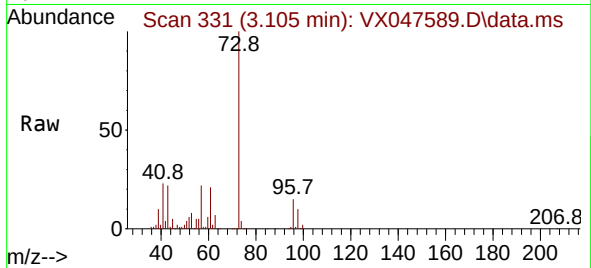




#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

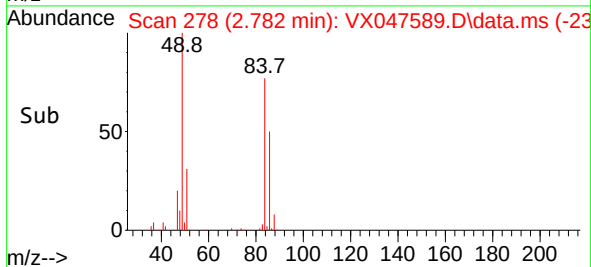
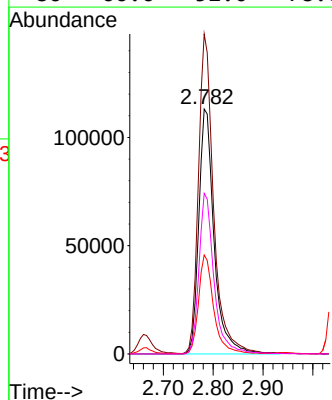
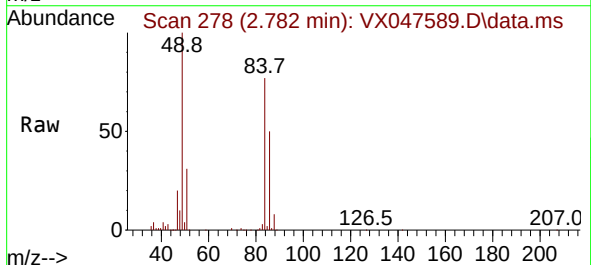
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

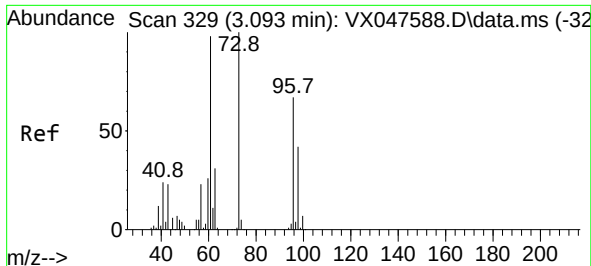
Tgt Ion: 73 Resp: 748952
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2



#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 84 Resp: 242548
Ion Ratio Lower Upper
84 100
49 130.4 108.6 162.8
51 40.3 32.6 48.8
86 66.6 52.0 78.0

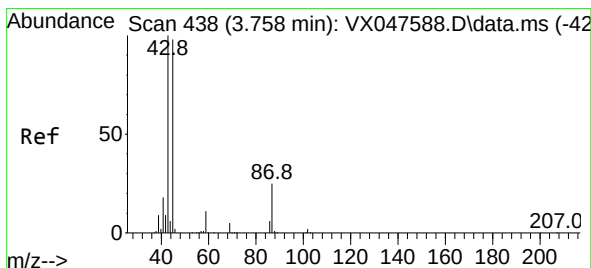
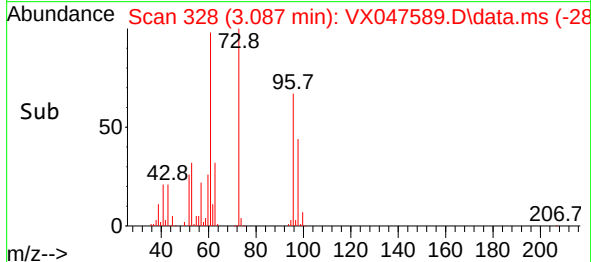
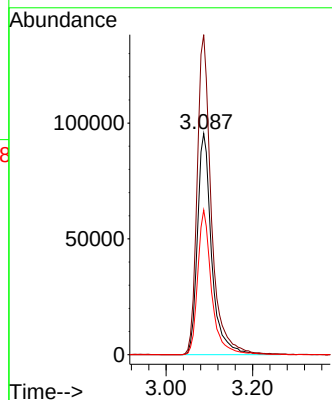
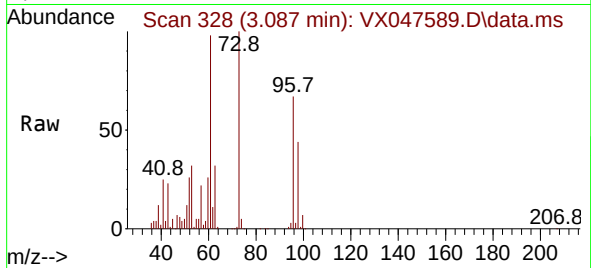




#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

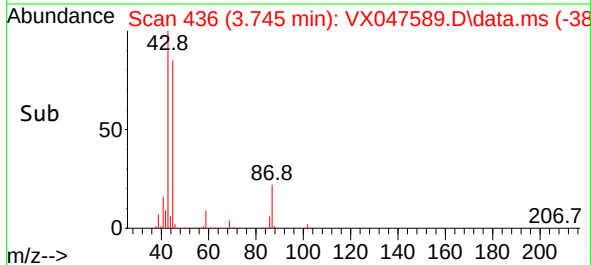
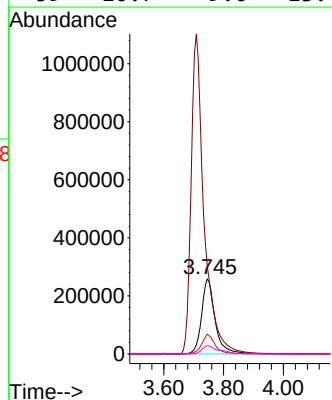
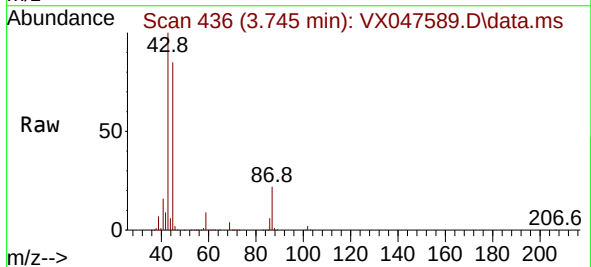
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

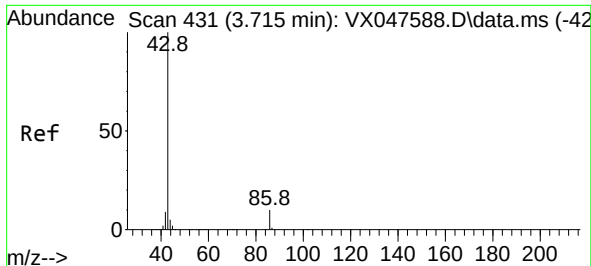
Tgt Ion: 96 Resp: 217759
Ion Ratio Lower Upper
96 100
61 144.7 116.2 174.2
98 65.4 49.3 73.9



#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 45 Resp: 811840
Ion Ratio Lower Upper
45 100
43 117.3 81.0 121.4
87 26.1 20.3 30.5
59 10.7 9.0 13.4

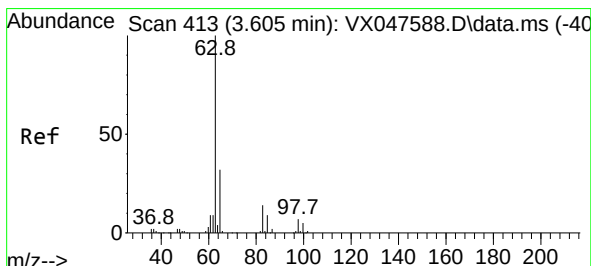
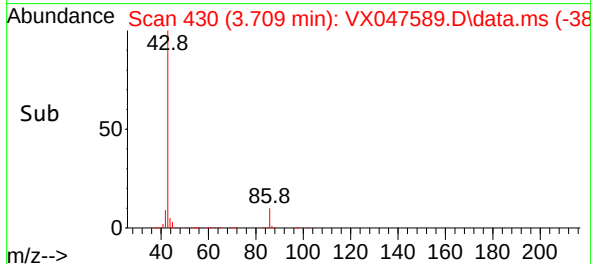
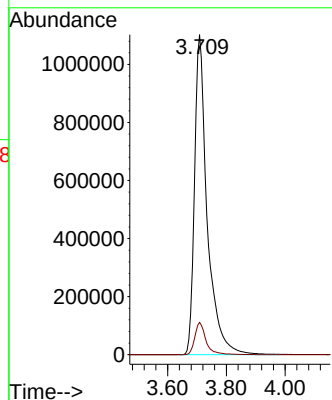
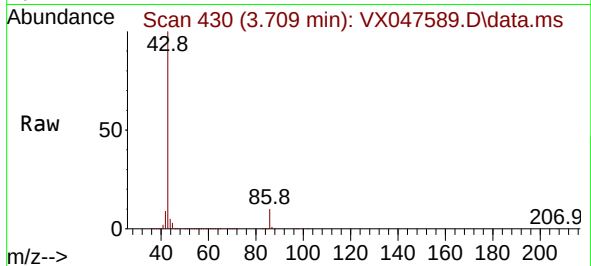




#23
 Vinyl Acetate
 Concen: 514.916 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

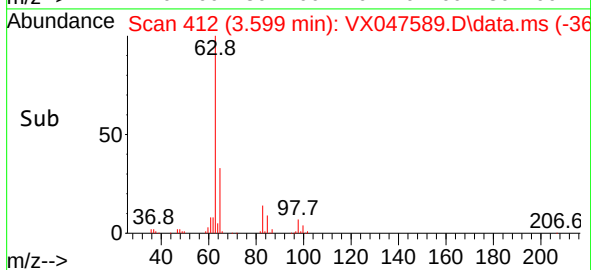
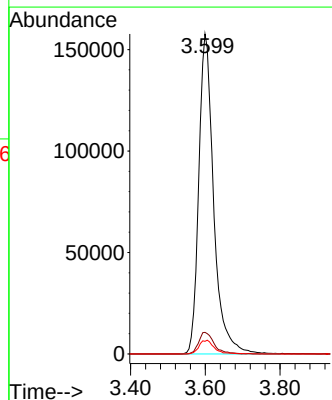
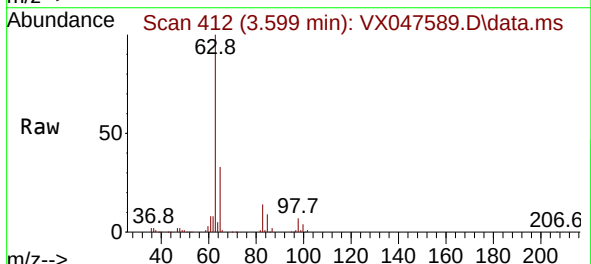
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

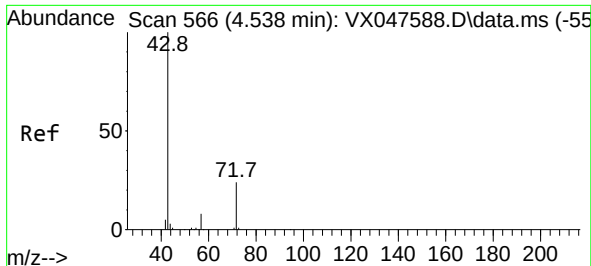
Tgt Ion: 43 Resp: 3314707
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 101.944 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 435815
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.0 2.3 6.9

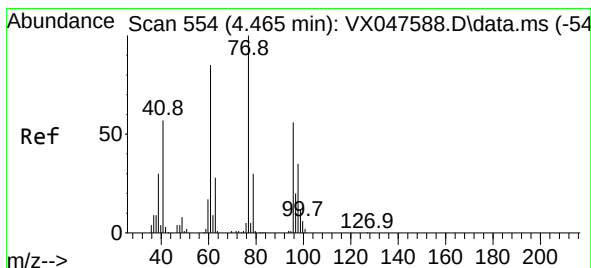
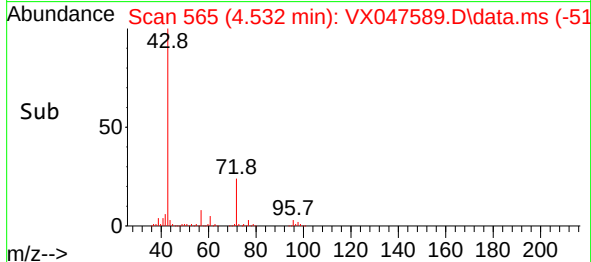
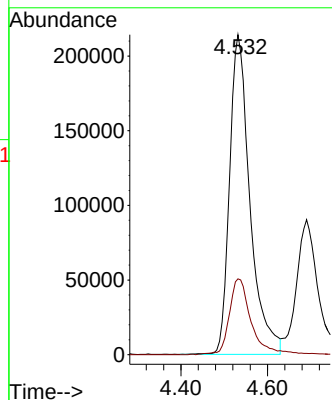
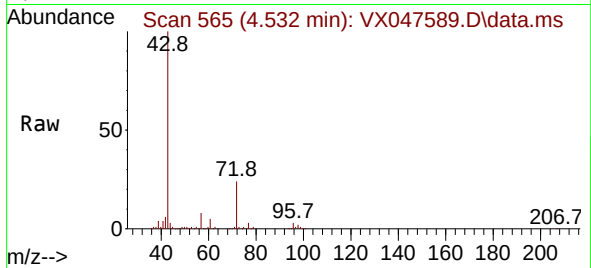




#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

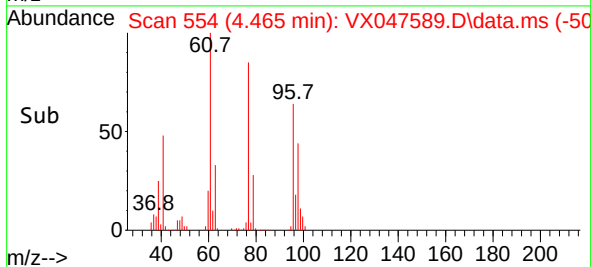
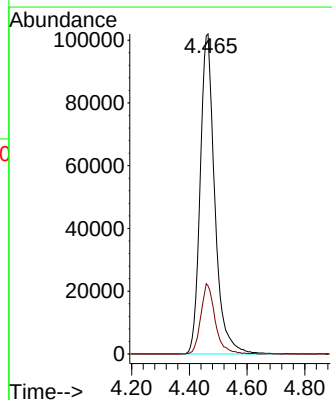
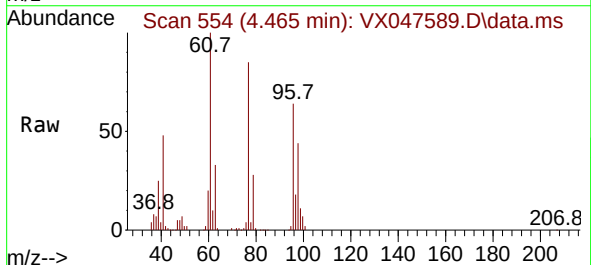
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

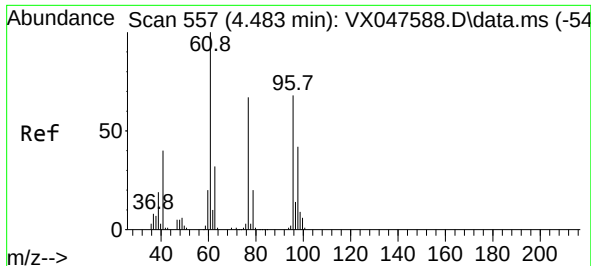
Tgt Ion: 43 Resp: 700827
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1



#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7

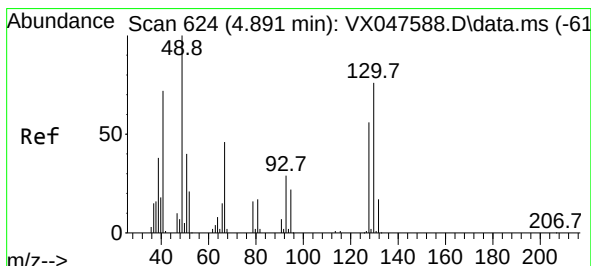
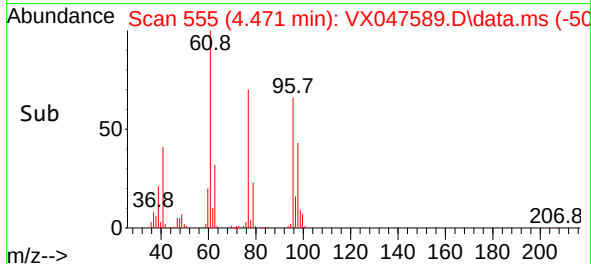
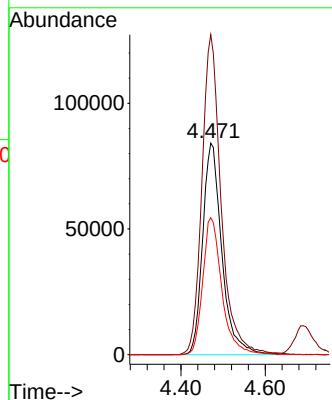
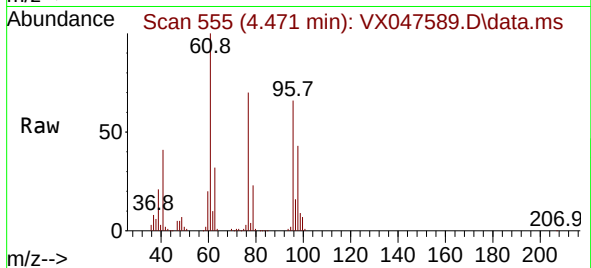




#27
 cis-1,2-Dichloroethene
 Concen: 100.516 ug/l
 RT: 4.471 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

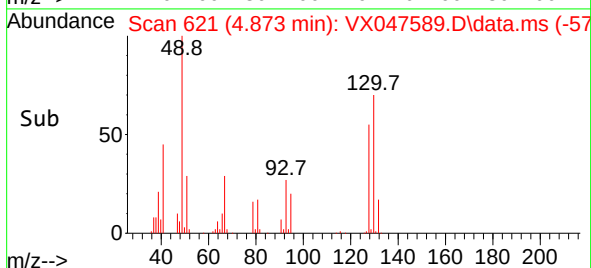
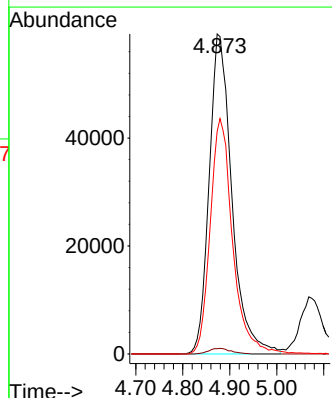
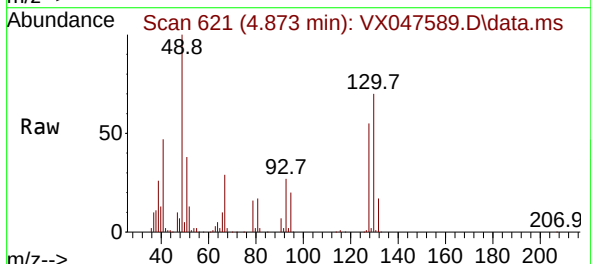
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

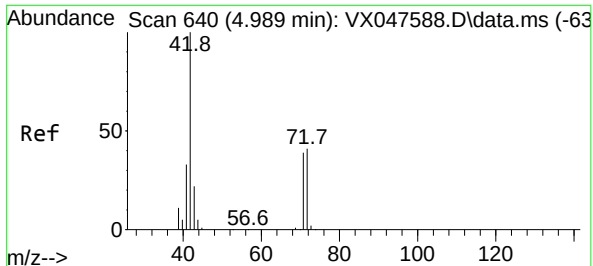
Tgt Ion: 96 Resp: 266550
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 303.2
 98 64.4 0.0 127.8



#28
 Bromochloromethane
 Concen: 106.512 ug/l
 RT: 4.873 min Scan# 621
 Delta R.T. -0.018 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

Tgt Ion: 49 Resp: 198788
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 72.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 504.502 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

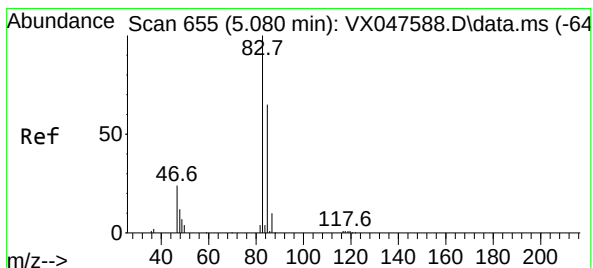
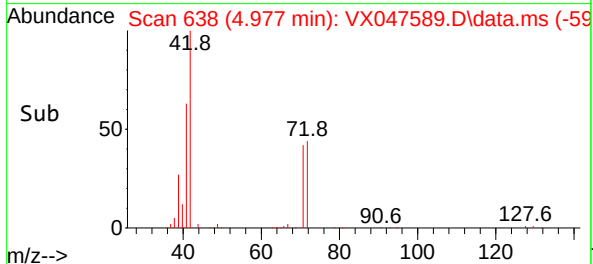
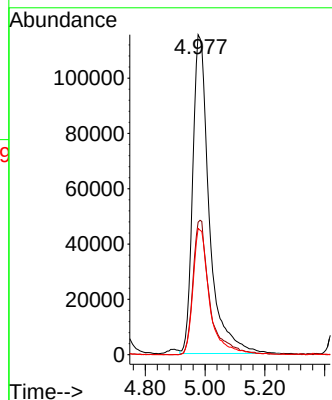
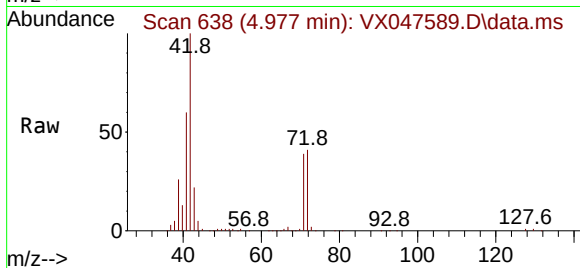
Tgt Ion: 42 Resp: 443530

Ion Ratio Lower Upper

42 100

72 42.4 34.2 51.2

71 39.5 31.9 47.9



#30

Chloroform

Concen: 100.447 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047589.D

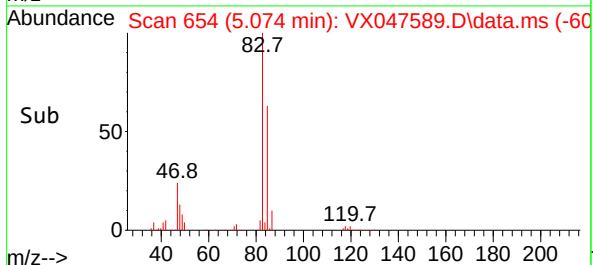
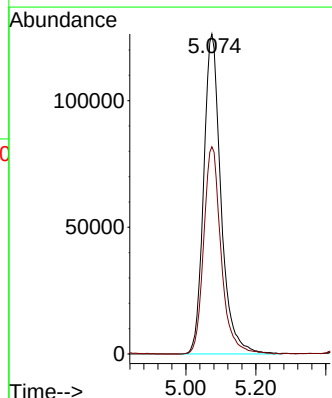
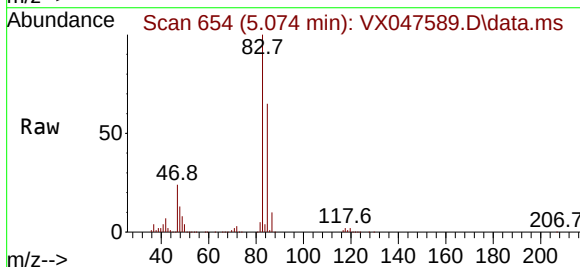
Acq: 16 Sep 2025 11:40

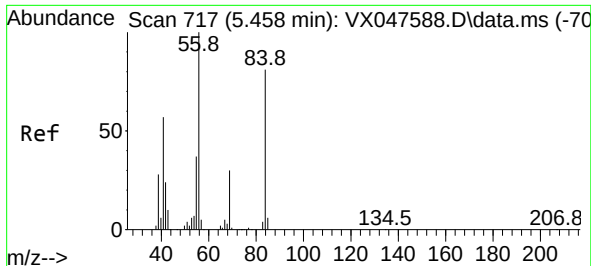
Tgt Ion: 83 Resp: 433937

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

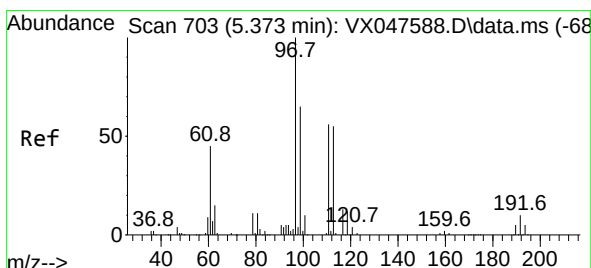
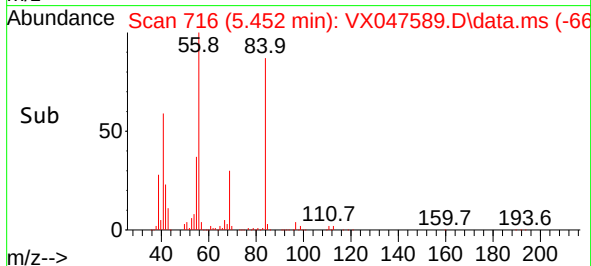
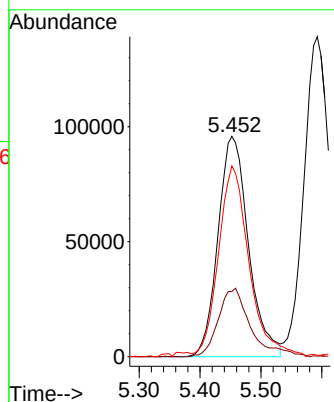
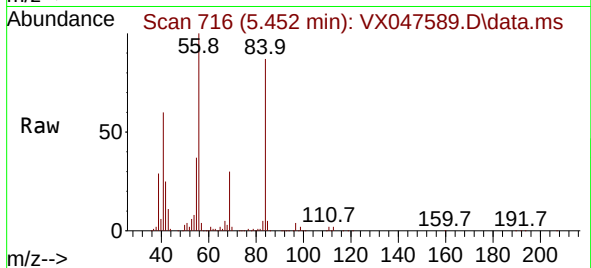




#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

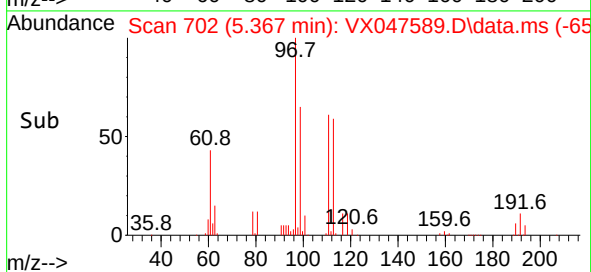
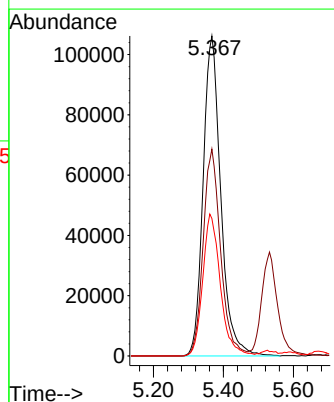
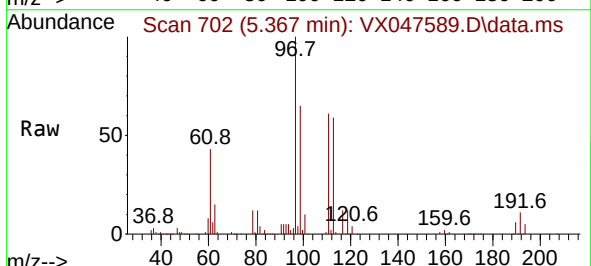
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

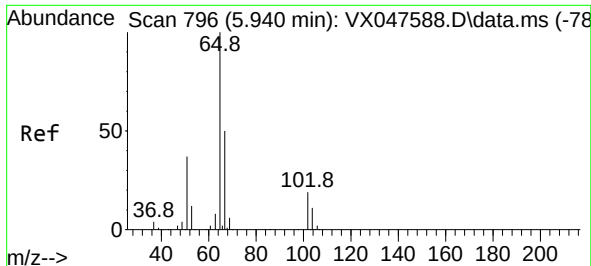
Tgt Ion: 56 Resp: 332995
Ion Ratio Lower Upper
56 100
69 29.0 23.8 35.8
84 84.7 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 372323
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 44.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 102.341 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

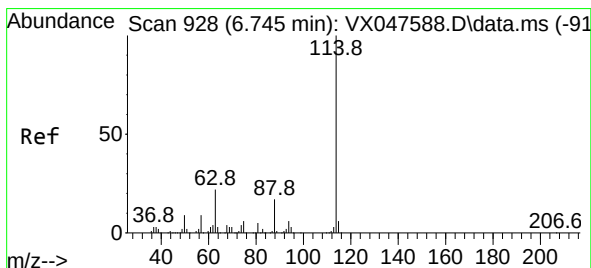
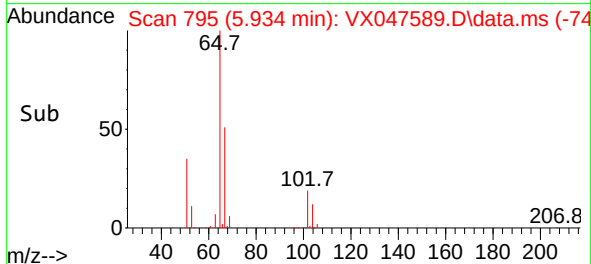
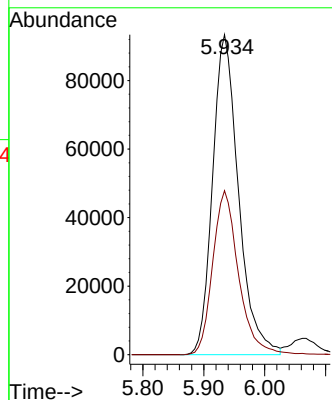
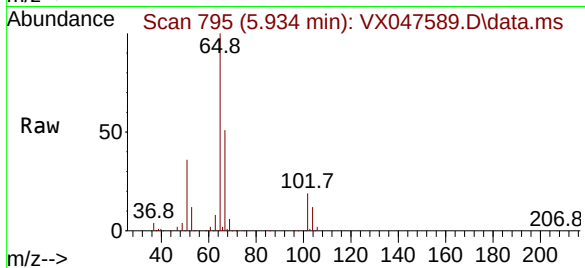
VSTDIC100

Tgt Ion: 65 Resp: 275758

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

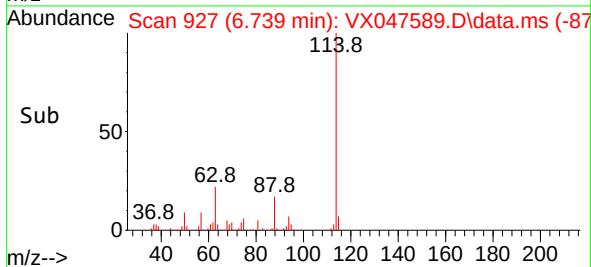
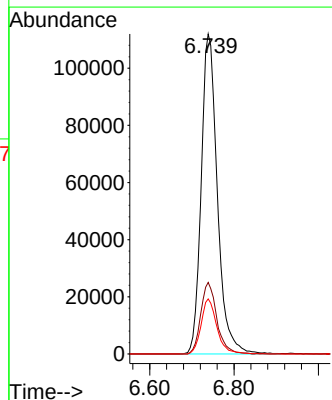
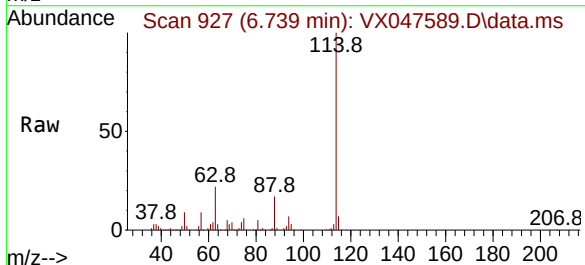
Tgt Ion: 114 Resp: 298913

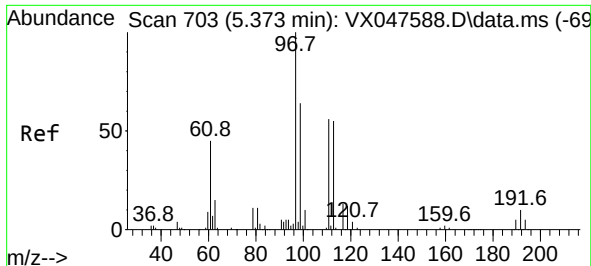
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 17.2 0.0 34.2

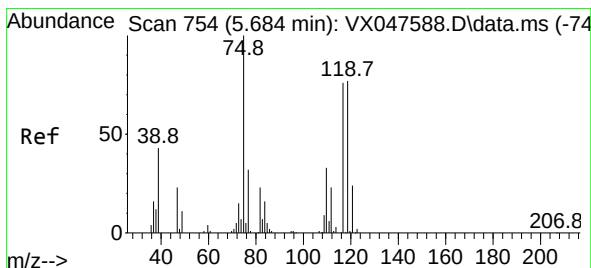
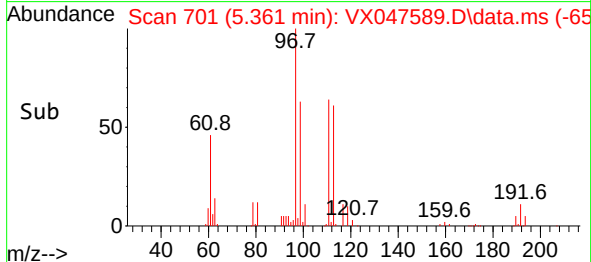
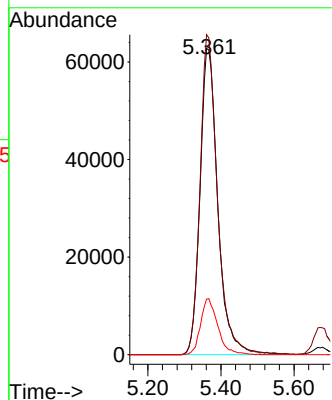
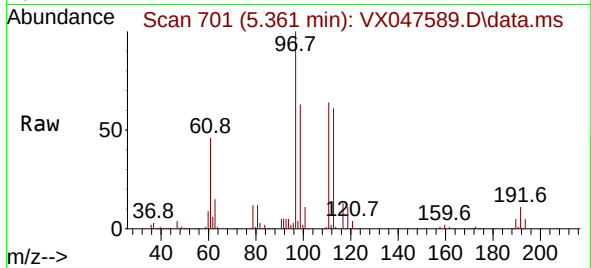




#35
 Dibromofluoromethane
 Concen: 105.962 ug/l
 RT: 5.361 min Scan# 703
 Delta R.T. -0.012 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

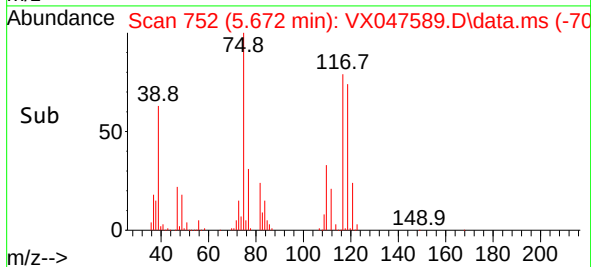
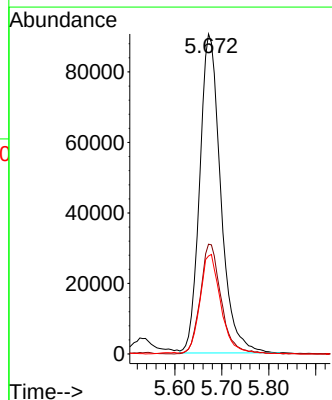
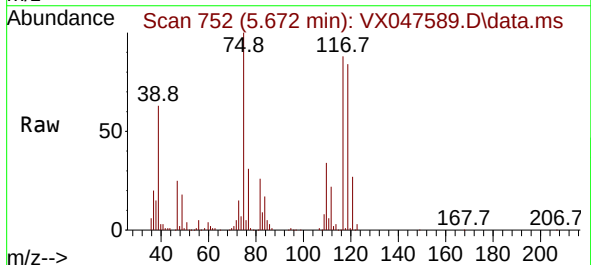
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

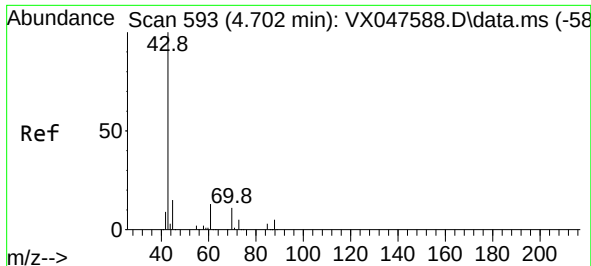
Tgt Ion:113 Resp: 212419
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.9 121.3
 192 17.7 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 96.149 ug/l
 RT: 5.672 min Scan# 752
 Delta R.T. -0.012 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 281650
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.7 50.1
 77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 101.641 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

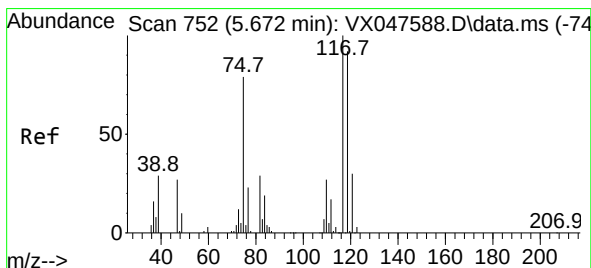
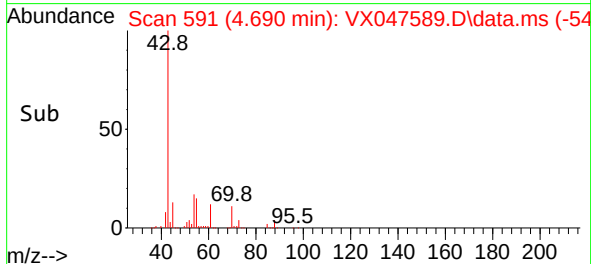
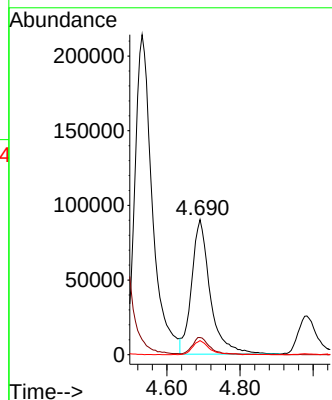
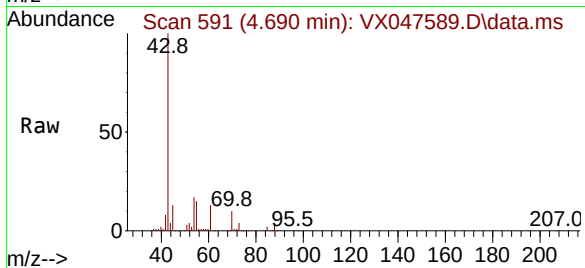
Tgt Ion: 43 Resp: 318793

Ion Ratio Lower Upper

43 100

61 12.0 9.8 14.8

70 9.4 7.9 11.9



#38

Carbon Tetrachloride

Concen: 98.891 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.012 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

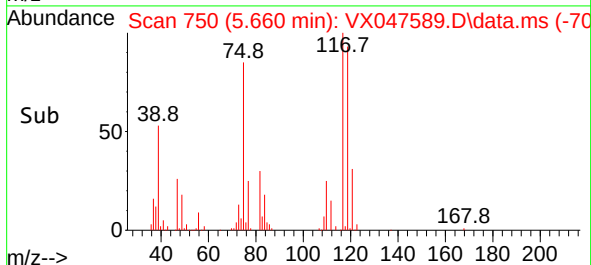
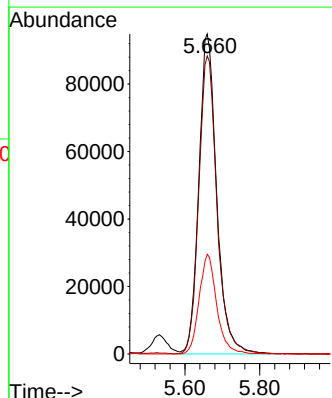
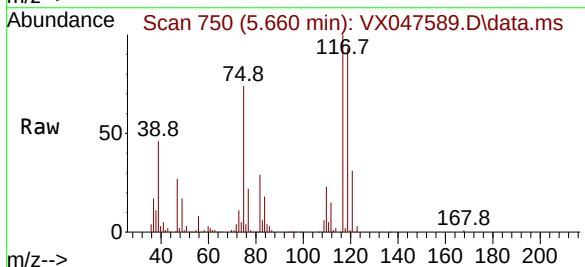
Tgt Ion: 117 Resp: 314745

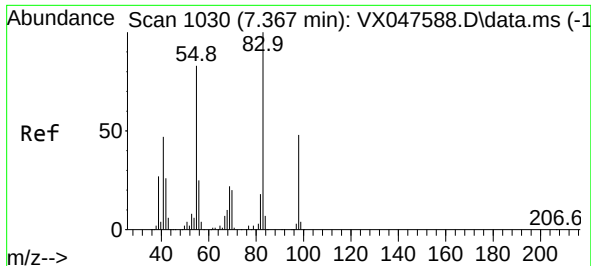
Ion Ratio Lower Upper

117 100

119 93.0 73.4 110.2

121 31.2 23.8 35.6





#39

Methylcyclohexane

Concen: 98.600 ug/l

RT: 7.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

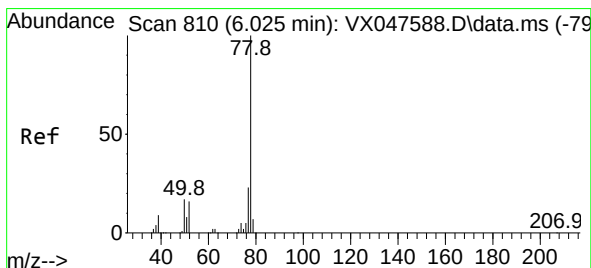
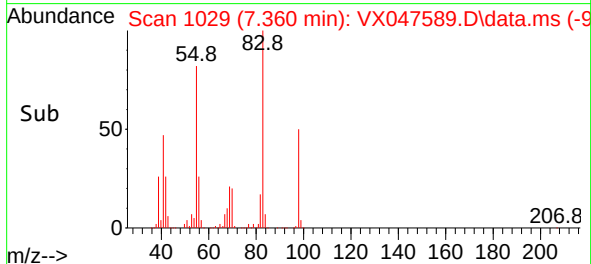
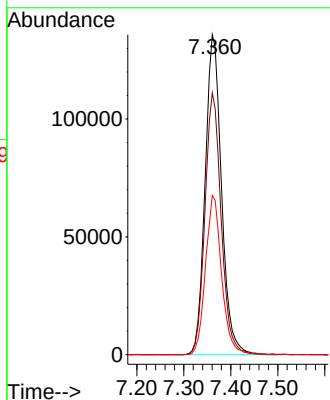
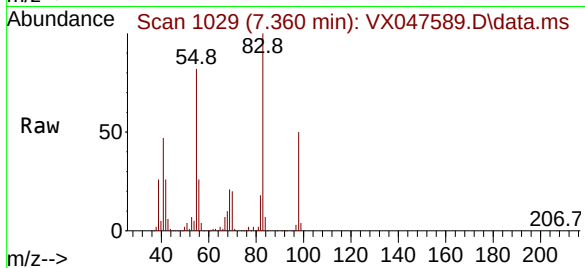
Tgt Ion: 83 Resp: 327858

Ion Ratio Lower Upper

83 100

55 81.8 66.4 99.6

98 49.8 38.1 57.1



#40

Benzene

Concen: 99.009 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX047589.D

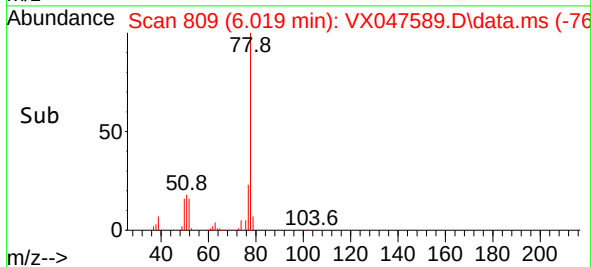
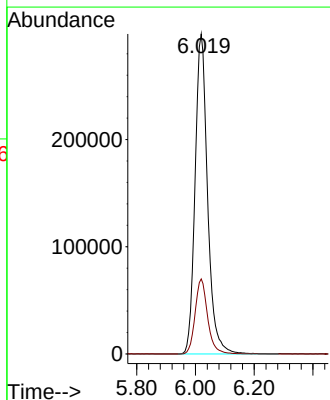
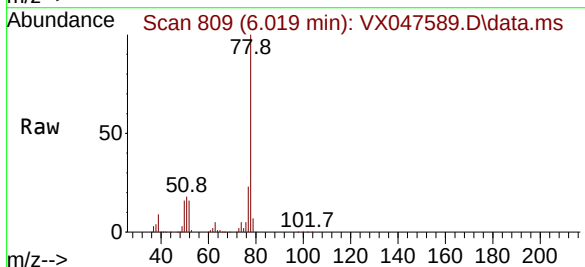
Acq: 16 Sep 2025 11:40

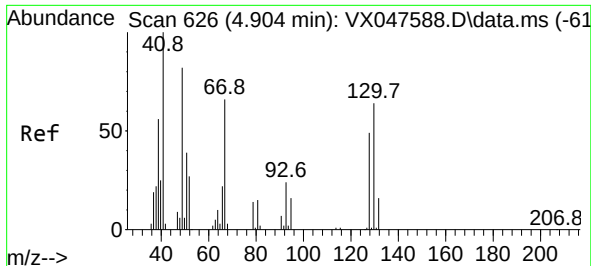
Tgt Ion: 78 Resp: 880885

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



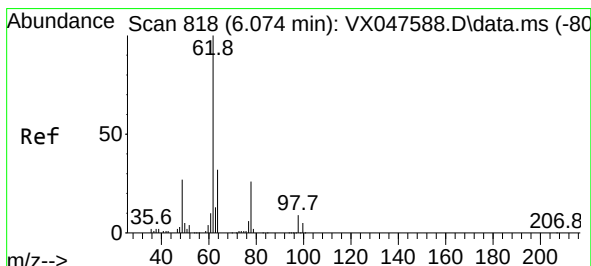
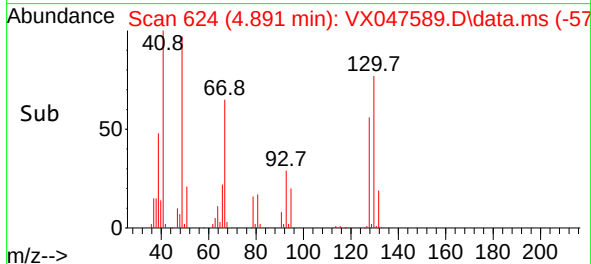
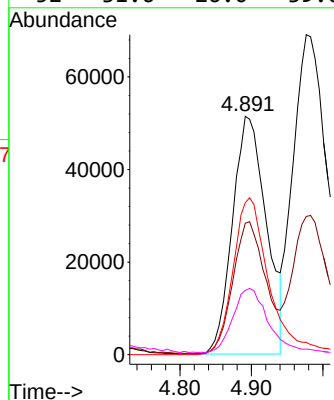
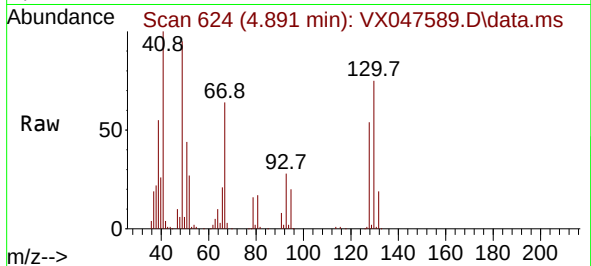


#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 168753

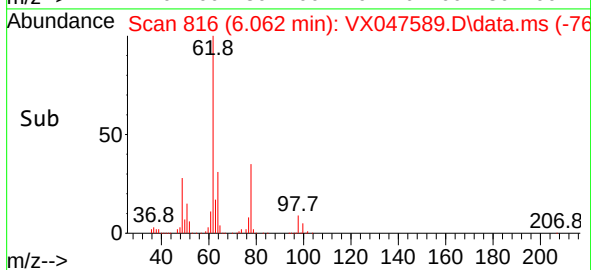
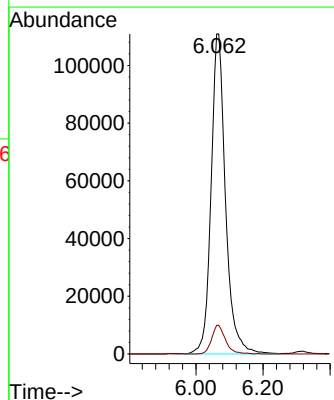
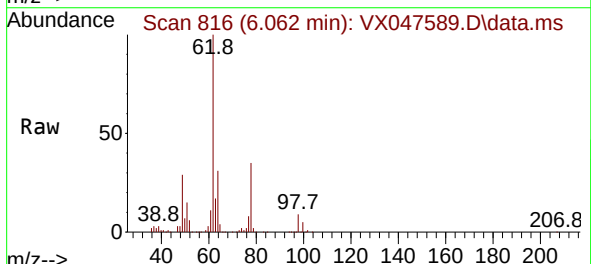
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.1	58.6	87.8
52	31.6	26.0	39.0

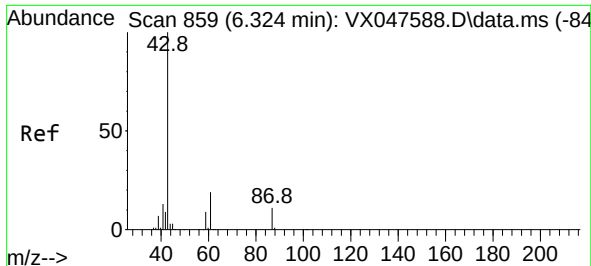


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

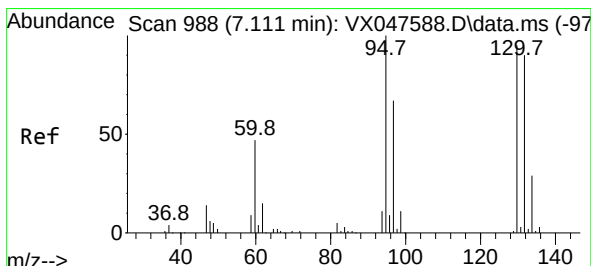
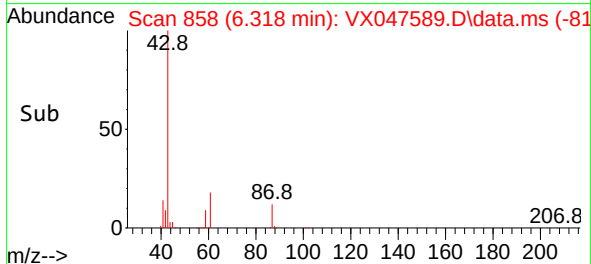
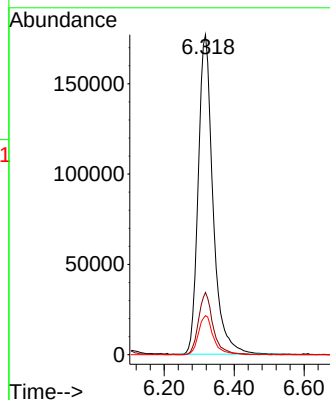
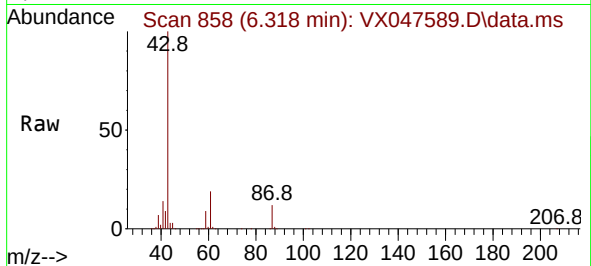




#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

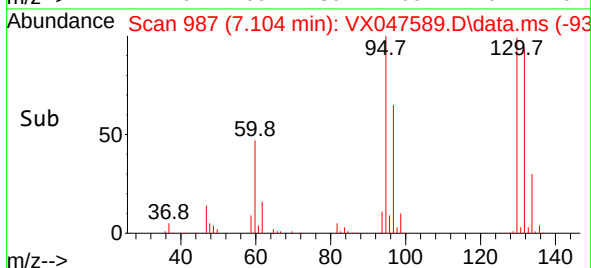
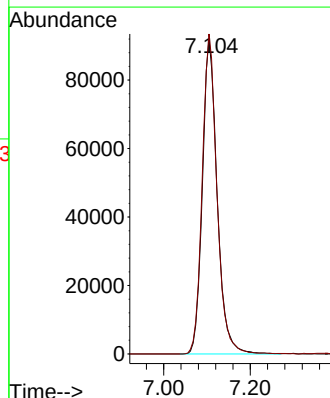
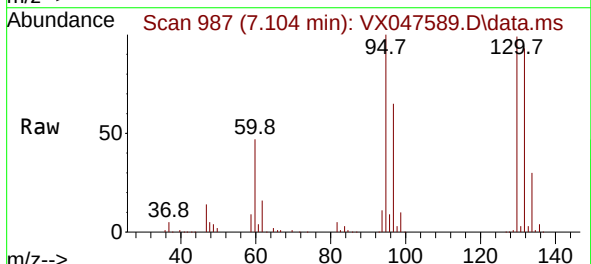
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

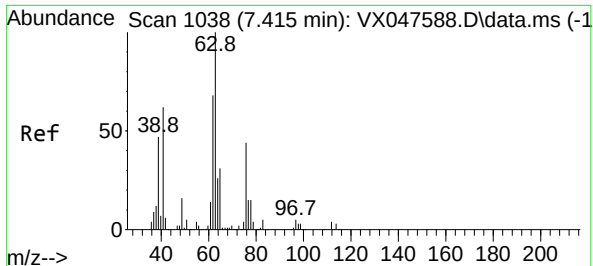
Tgt Ion: 43 Resp: 516875
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753
Ion Ratio Lower Upper
130 100
95 101.4 0.0 210.8





#45

1,2-Dichloropropane

Concen: 100.145 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

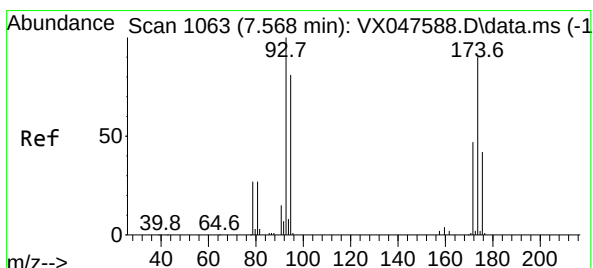
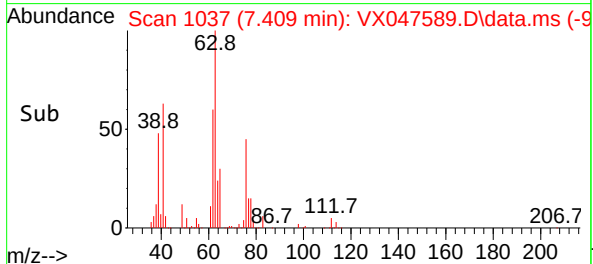
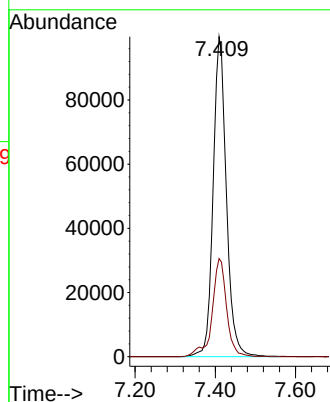
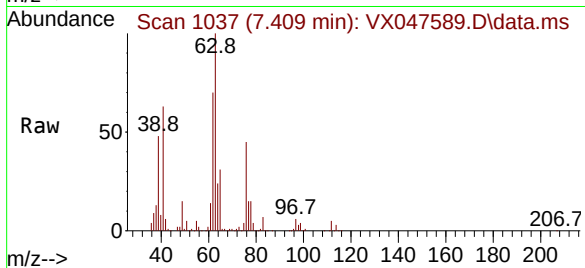
VSTDICC100

Tgt Ion: 63 Resp: 228150

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 99.519 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

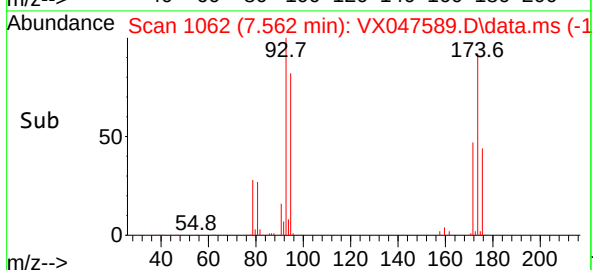
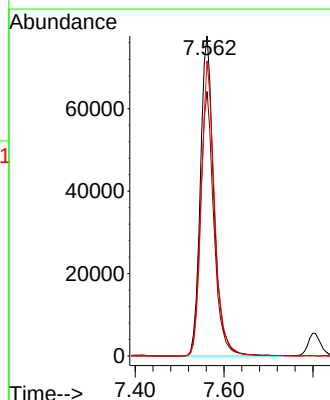
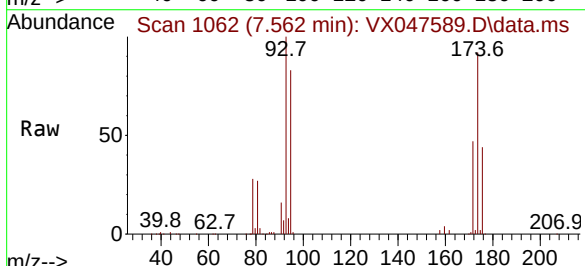
Tgt Ion: 93 Resp: 164987

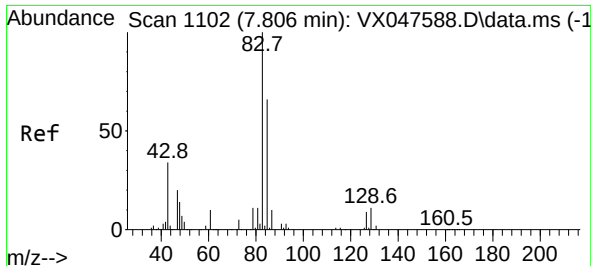
Ion Ratio Lower Upper

93 100

95 82.1 65.0 97.6

174 90.5 71.6 107.4

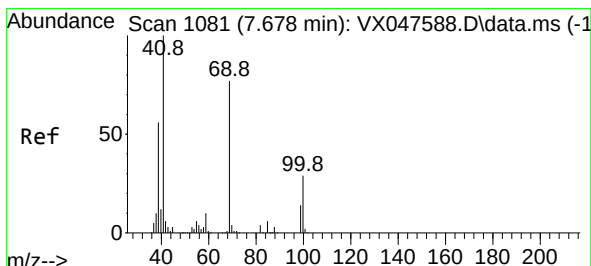
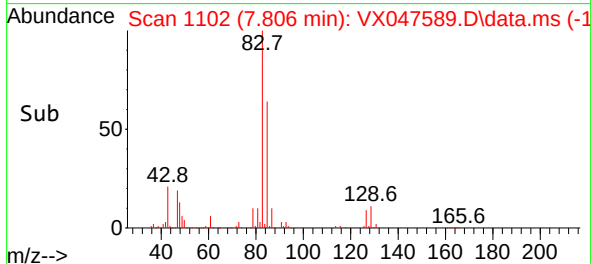
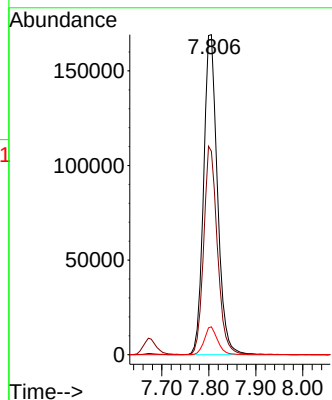
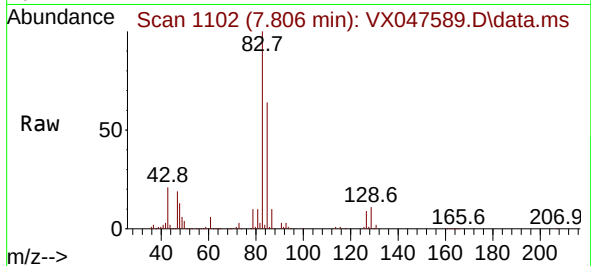




#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

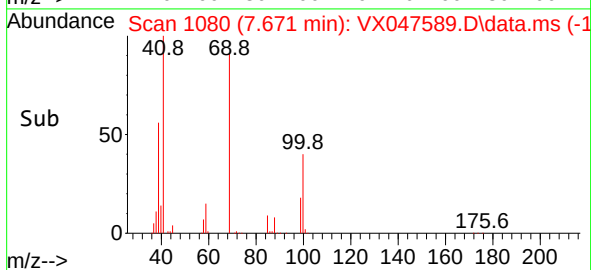
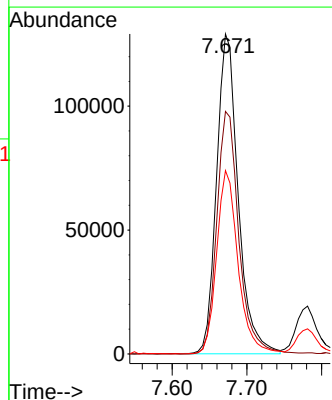
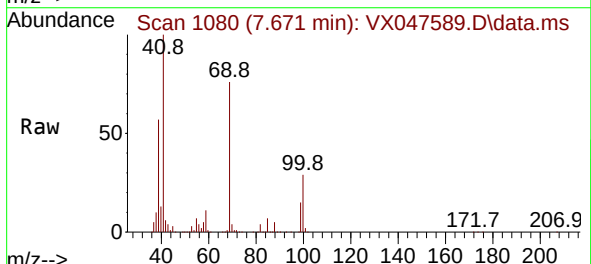
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

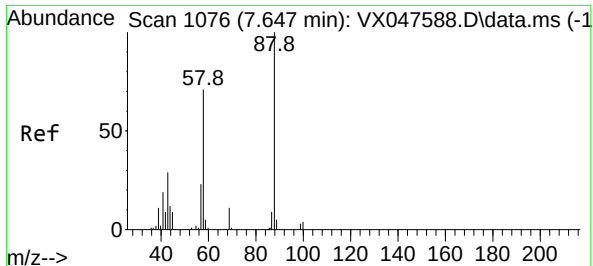
Tgt Ion: 83 Resp: 345991
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 260358
Ion Ratio Lower Upper
41 100
69 77.1 61.4 92.2
39 57.0 45.8 68.6





#49

1,4-Dioxane

Concen: 2190.315 ug/l

RT: 7.641 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

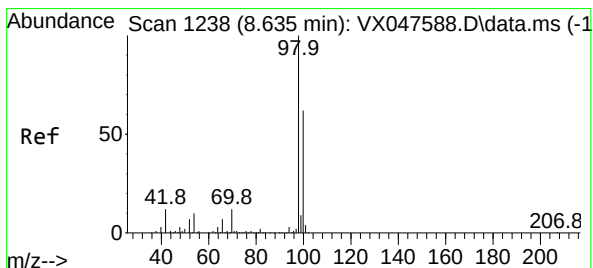
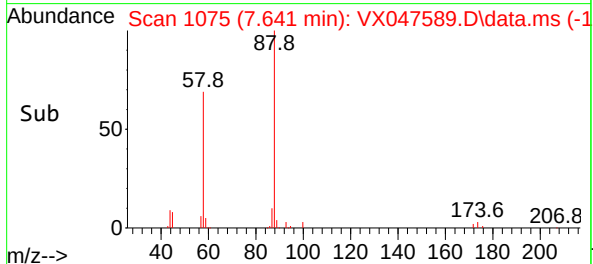
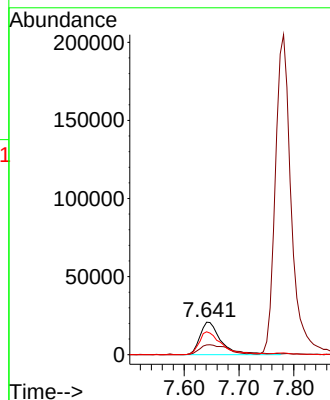
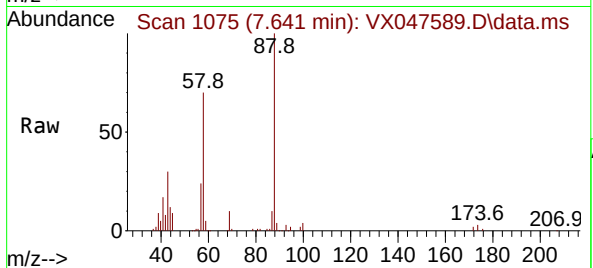
Tgt Ion: 88 Resp: 56717

Ion Ratio Lower Upper

88 100

43 39.4 30.2 45.2

58 74.0 59.5 89.3



#50

Toluene-d8

Concen: 104.386 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX047589.D

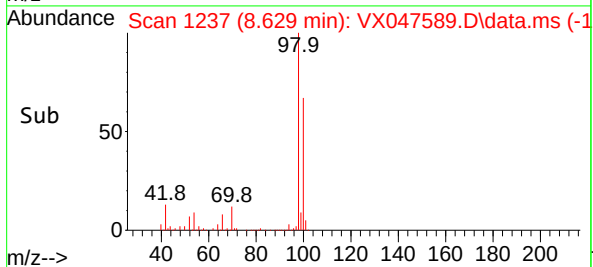
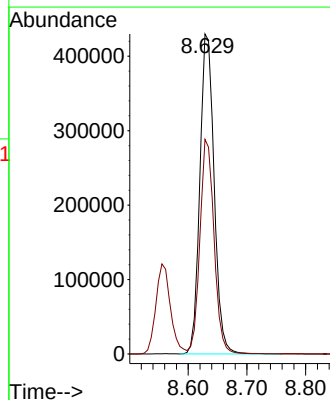
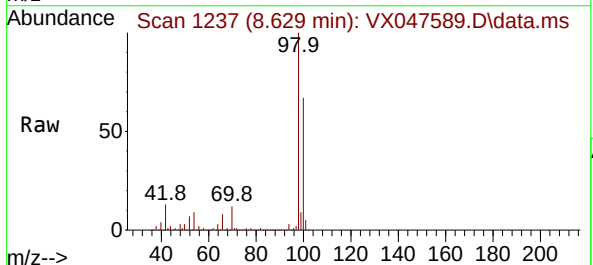
Acq: 16 Sep 2025 11:40

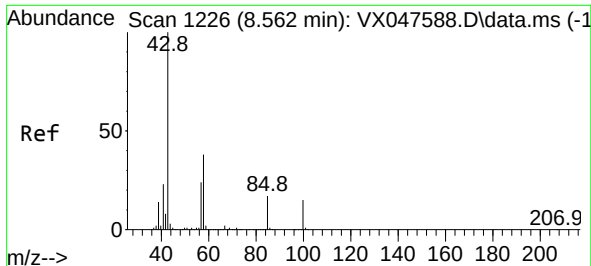
Tgt Ion: 98 Resp: 724078

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4

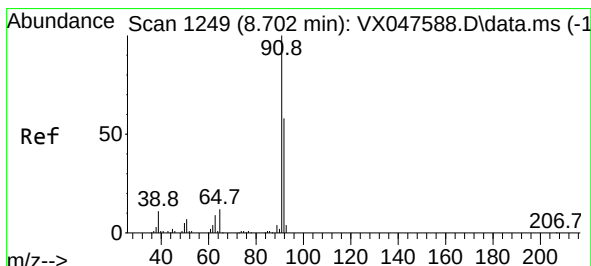
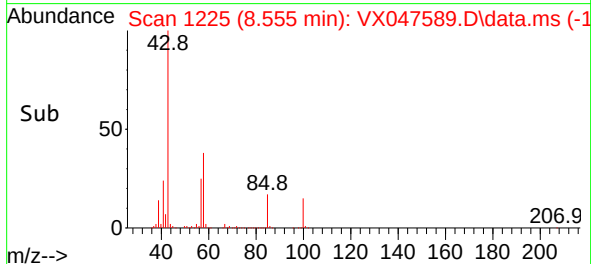
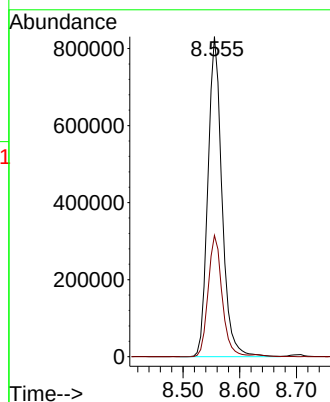
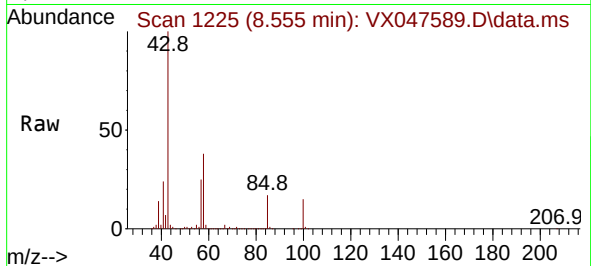




#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

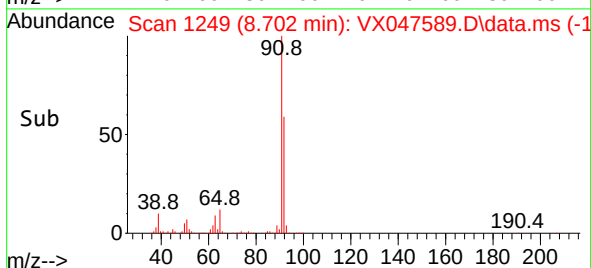
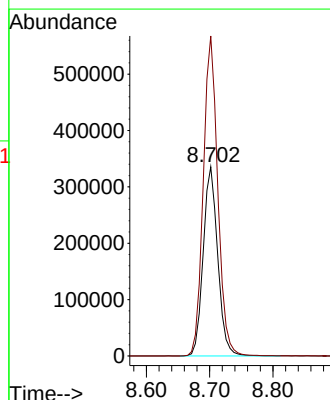
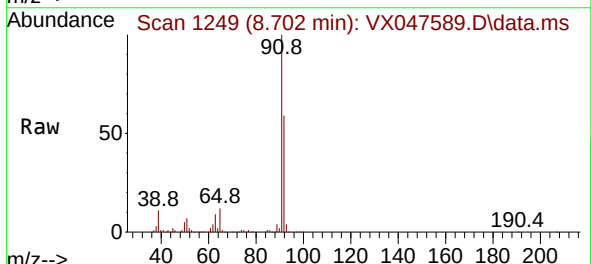
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

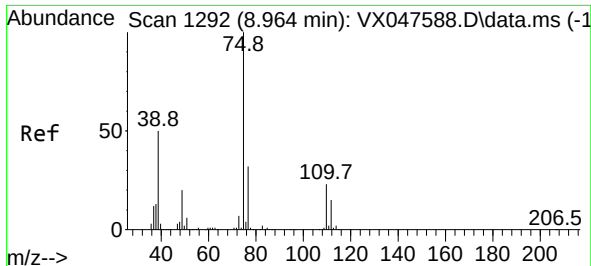
Tgt Ion: 43 Resp: 1431253
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5



#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148
Ion Ratio Lower Upper
92 100
91 169.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 101.986 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

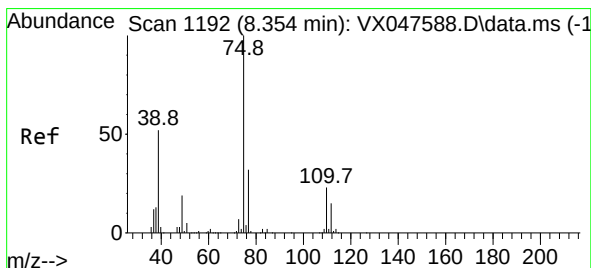
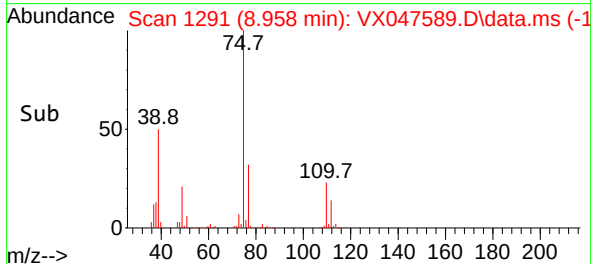
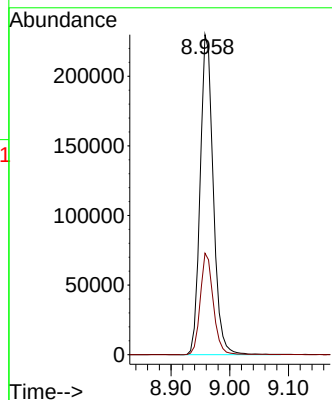
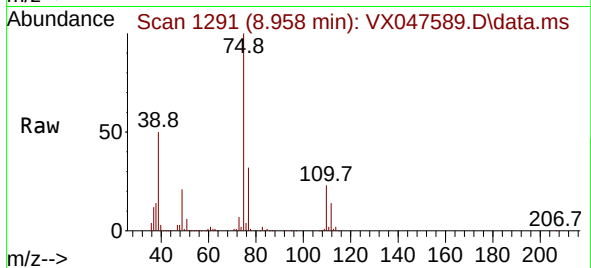
VSTDIC100

Tgt Ion: 75 Resp: 355881

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 102.038 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

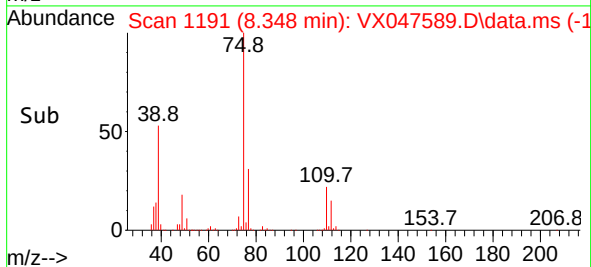
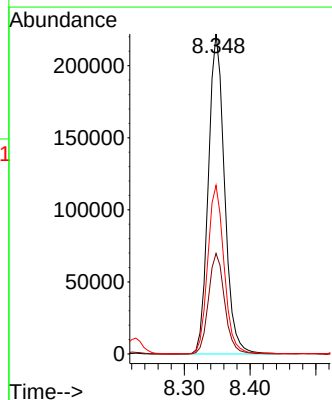
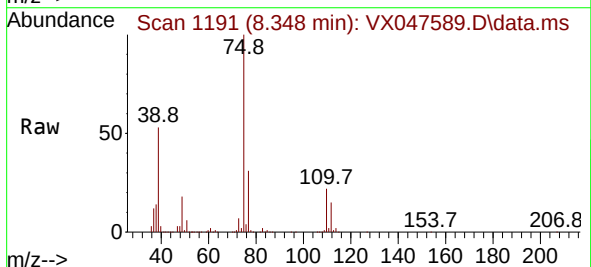
Tgt Ion: 75 Resp: 380577

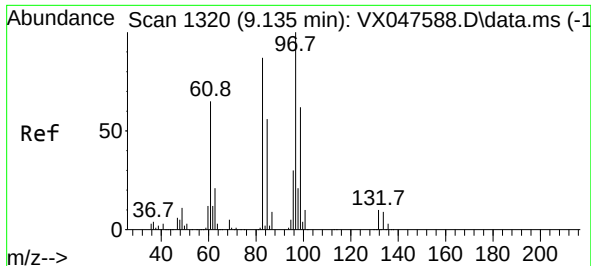
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

39 52.3 41.4 62.2



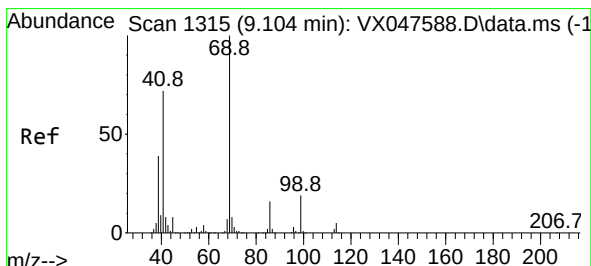
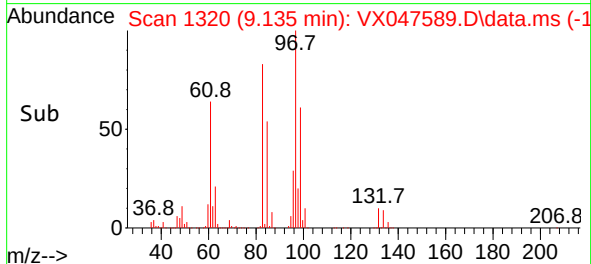
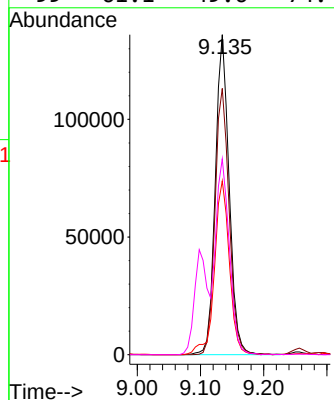
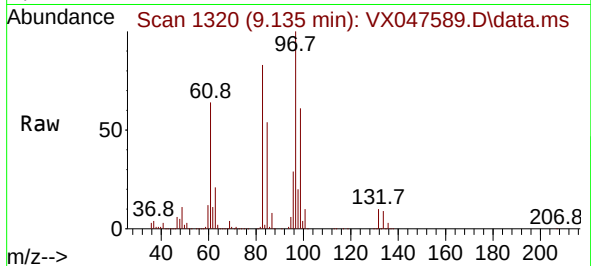


#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 205939

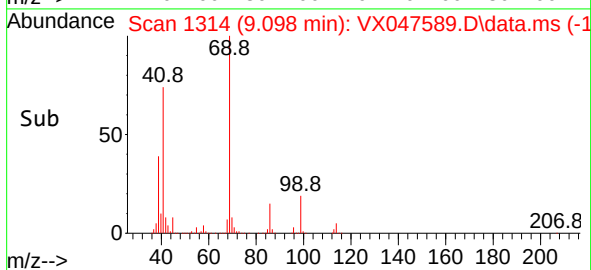
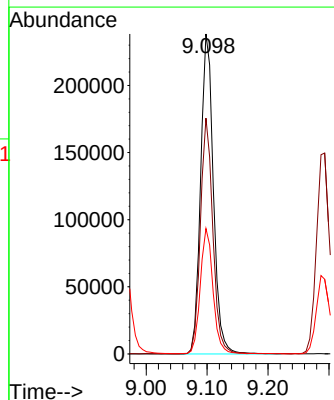
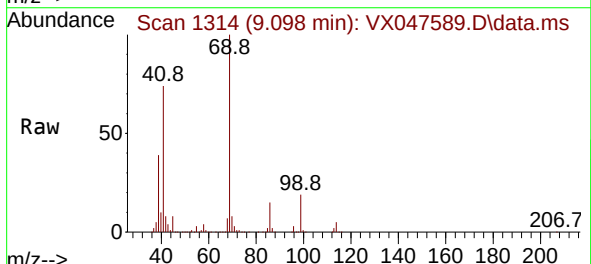
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.6	104.4
85	54.3	45.0	67.6
99	61.1	49.6	74.4

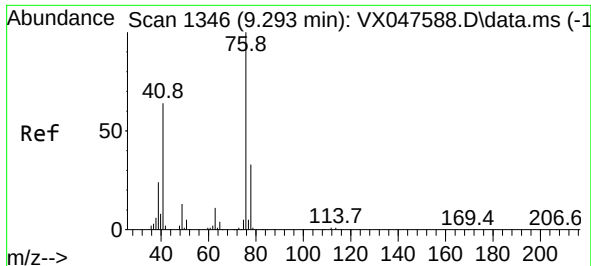


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 69 Resp: 346659

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3





#57

1,3-Dichloropropane

Concen: 99.935 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

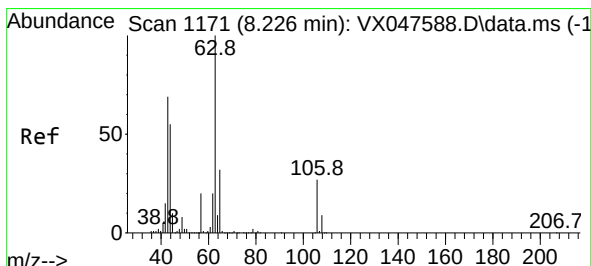
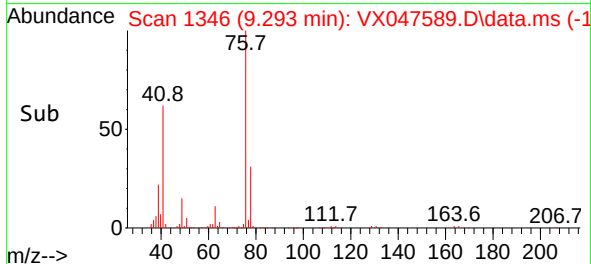
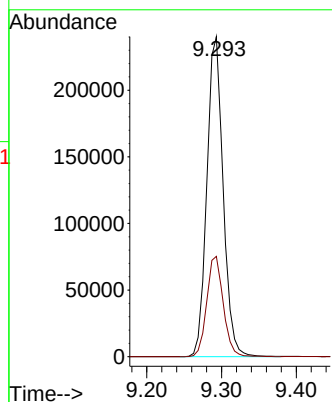
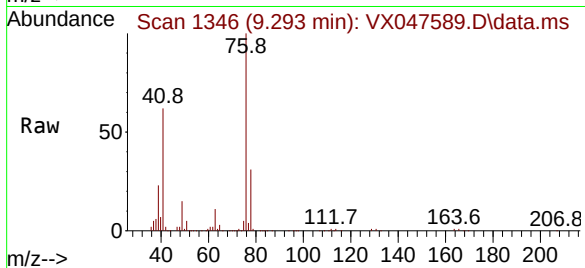
VSTDIC100

Tgt Ion: 76 Resp: 362848

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 499.814 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047589.D

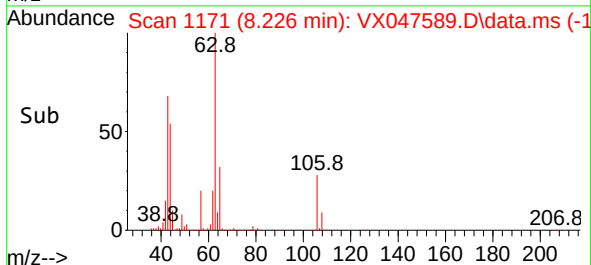
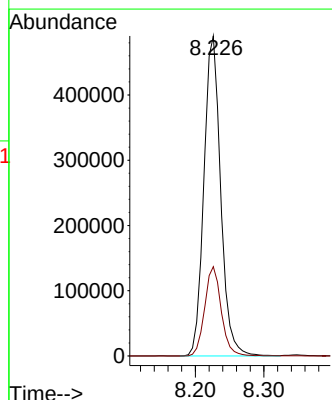
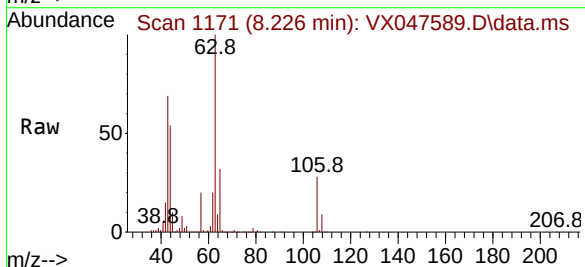
Acq: 16 Sep 2025 11:40

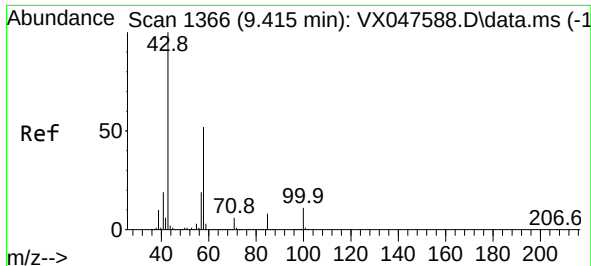
Tgt Ion: 63 Resp: 836362

Ion Ratio Lower Upper

63 100

106 27.5 21.9 32.9





#59

2-Hexanone

Concen: 486.380 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

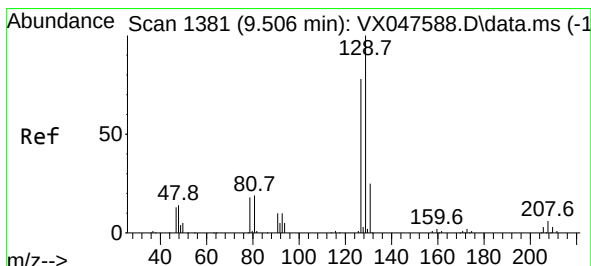
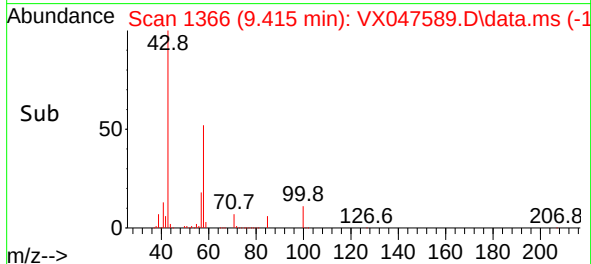
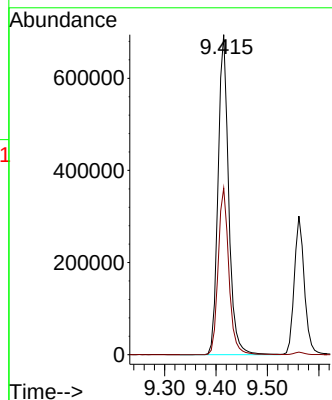
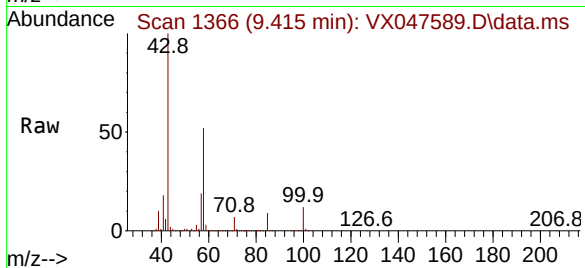
VSTDICC100

Tgt Ion: 43 Resp: 996274

Ion Ratio Lower Upper

43 100

58 52.4 26.1 78.2



#60

Dibromochloromethane

Concen: 103.226 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX047589.D

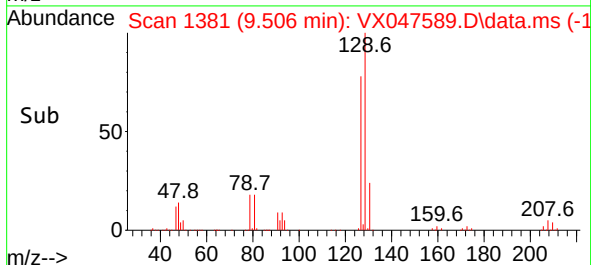
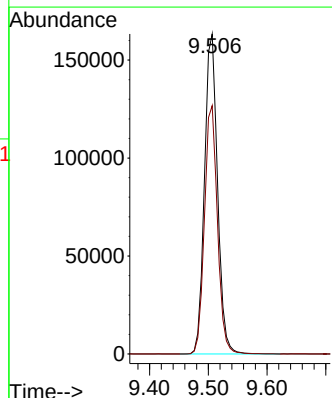
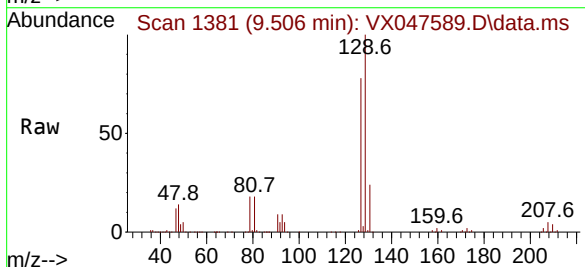
Acq: 16 Sep 2025 11:40

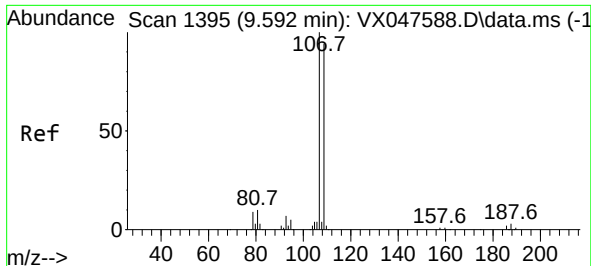
Tgt Ion: 129 Resp: 251394

Ion Ratio Lower Upper

129 100

127 77.5 38.4 115.2

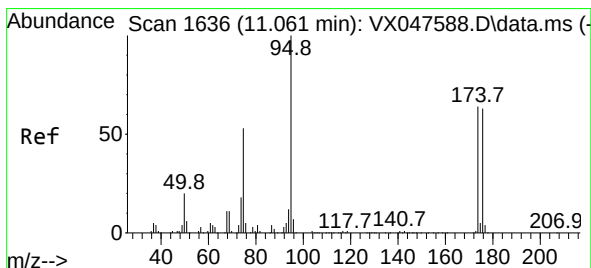
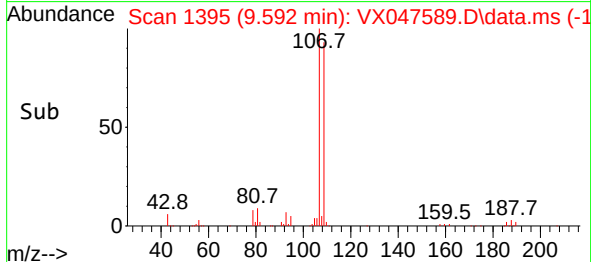
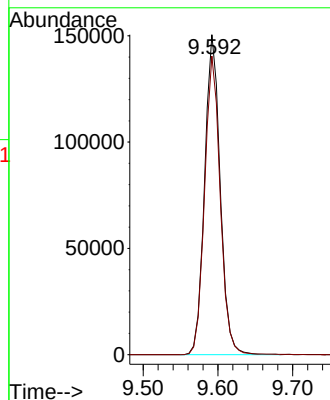
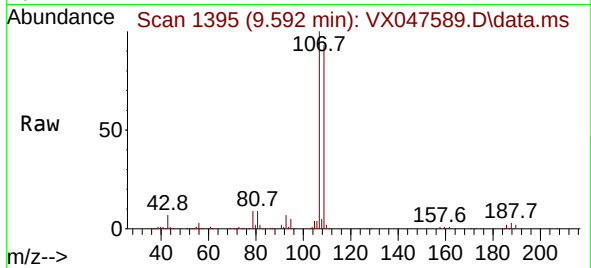




#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

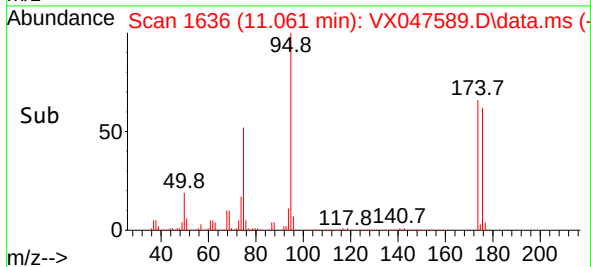
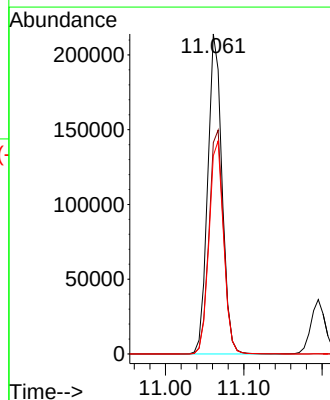
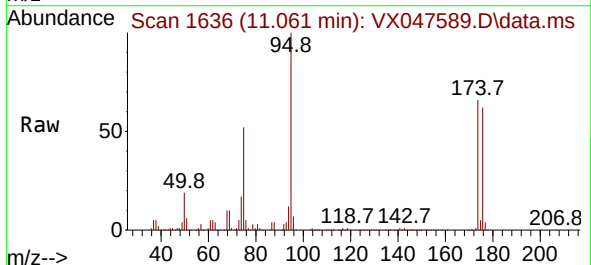
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

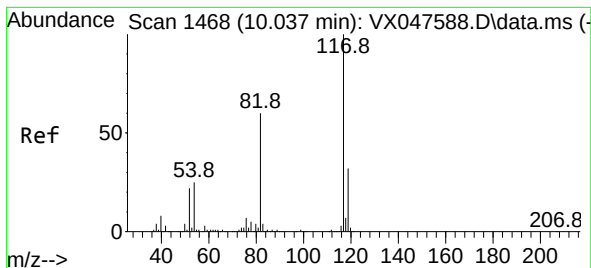
Tgt Ion:107 Resp: 217751
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 95 Resp: 270289
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 68.0 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

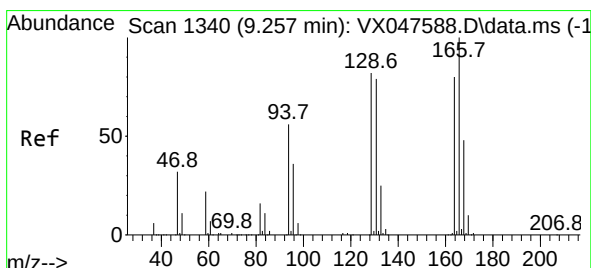
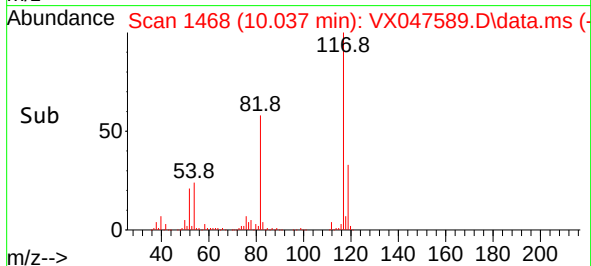
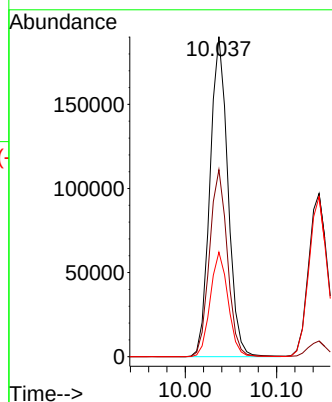
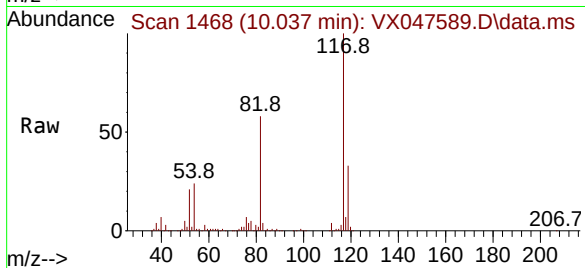
Tgt Ion:117 Resp: 258399

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.6

119 32.7 25.2 37.8



#64

Tetrachloroethene

Concen: 98.284 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Tgt Ion:164 Resp: 165559

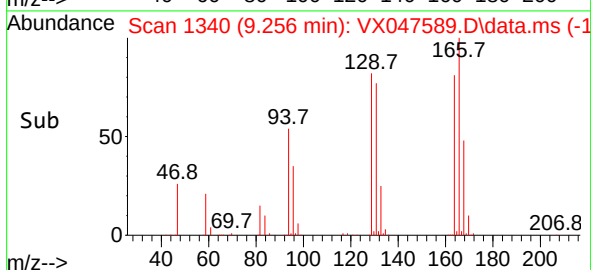
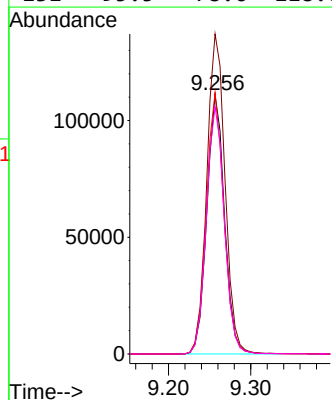
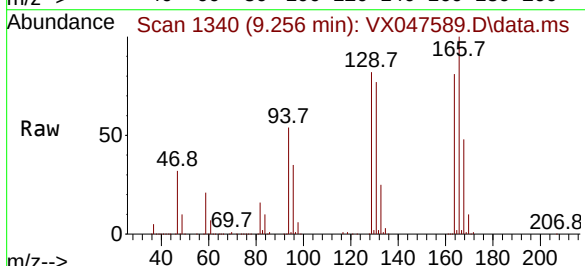
Ion Ratio Lower Upper

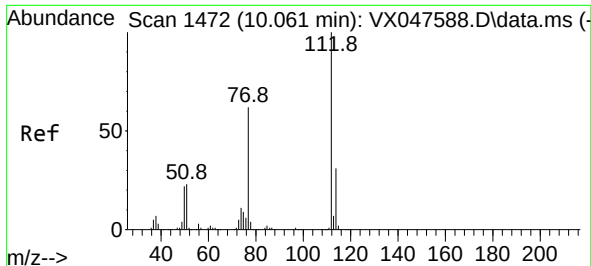
164 100

166 123.6 100.2 150.2

129 100.9 81.8 122.6

131 95.5 78.6 118.0

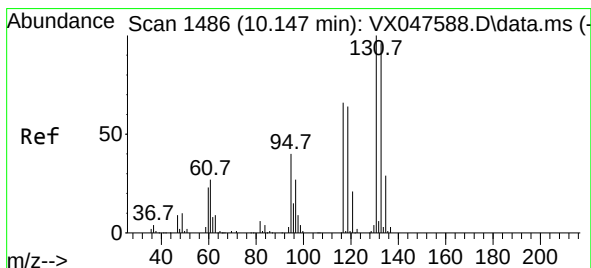
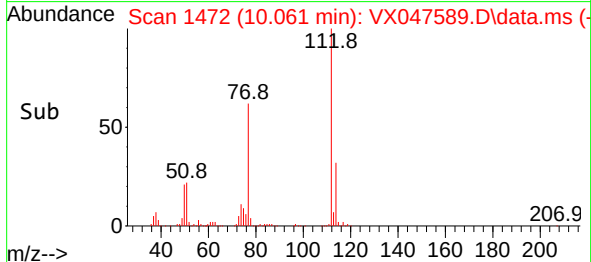
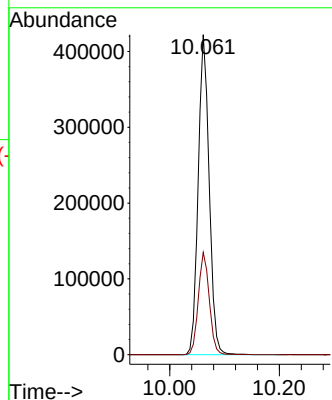
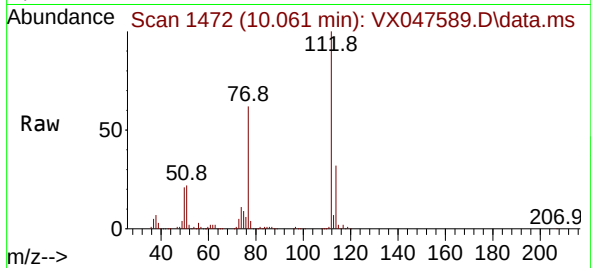




#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

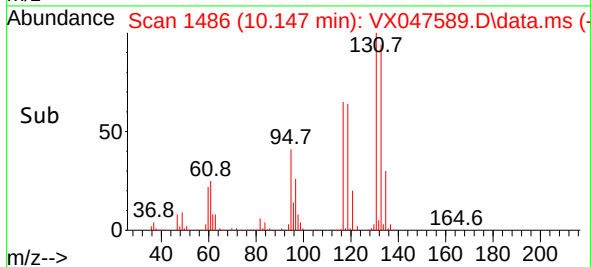
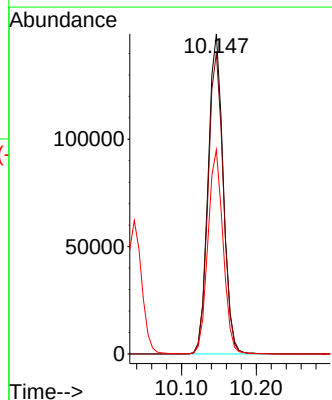
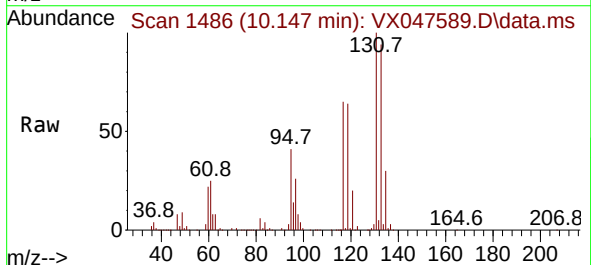
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

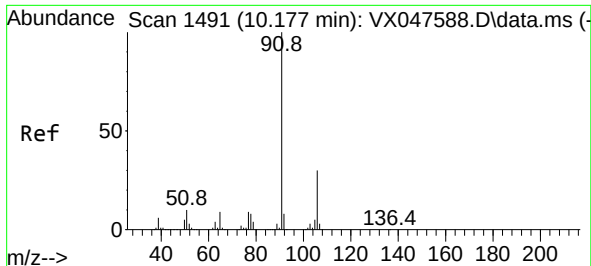
Tgt Ion:112 Resp: 588517
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:131 Resp: 208621
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 64.2 32.0 96.0

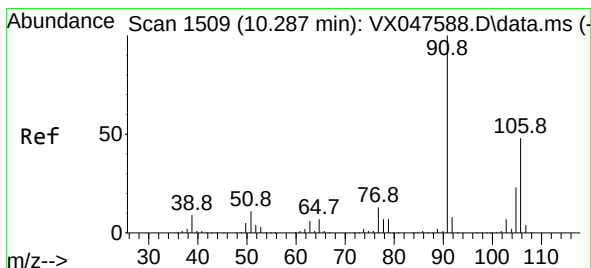
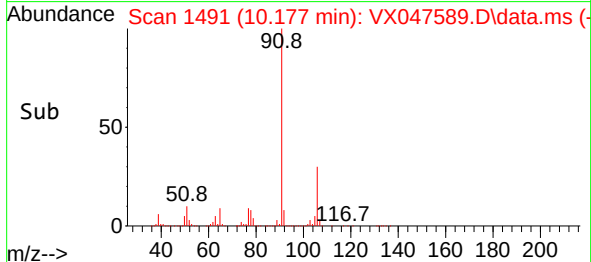
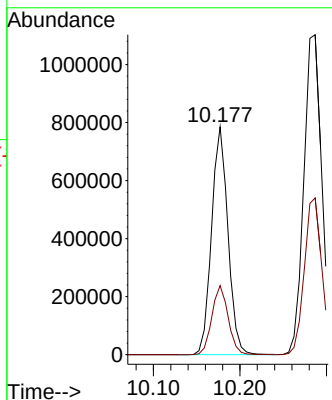
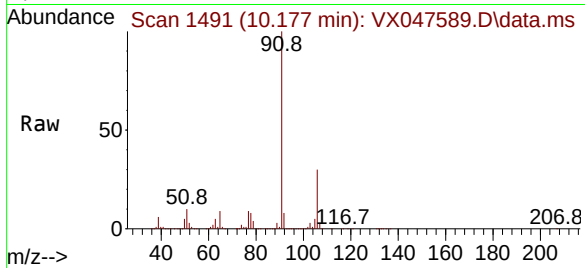




#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

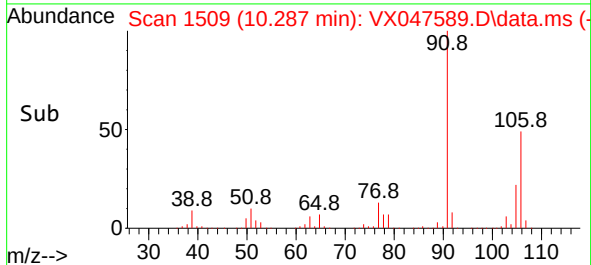
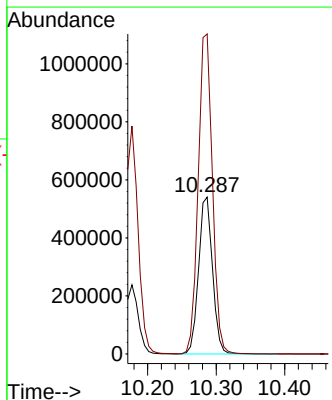
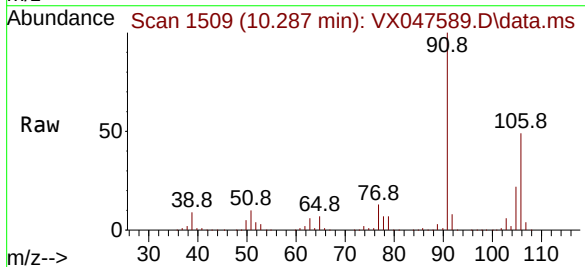
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

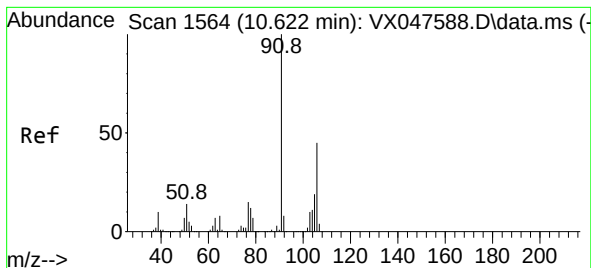
Tgt Ion: 91 Resp: 1031346
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898
Ion Ratio Lower Upper
106 100
91 208.5 167.8 251.8





#69

o-Xylene

Concen: 102.186 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

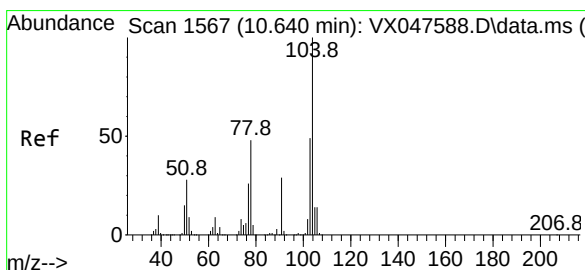
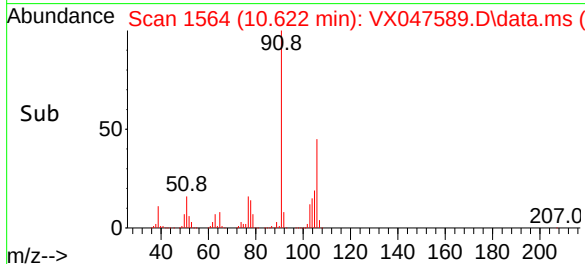
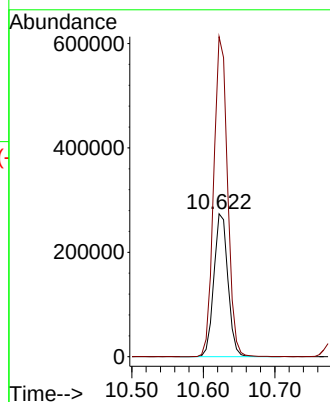
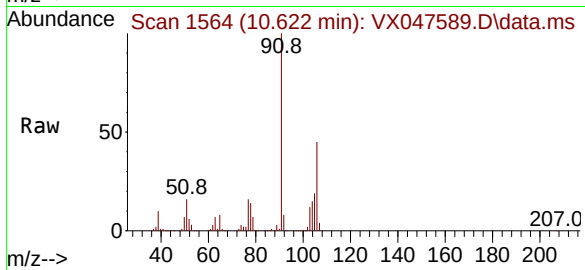
VSTDICC100

Tgt Ion:106 Resp: 372621

Ion Ratio Lower Upper

106 100

91 221.3 111.1 333.4



#70

Styrene

Concen: 101.710 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

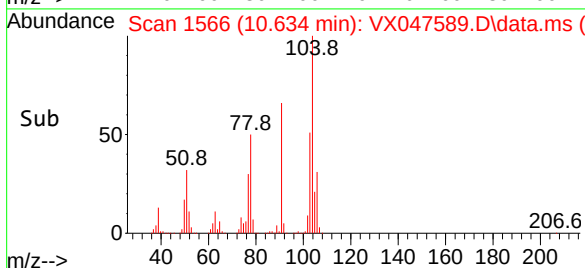
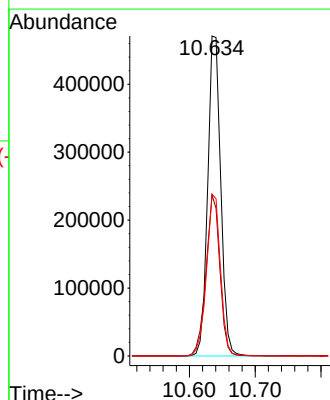
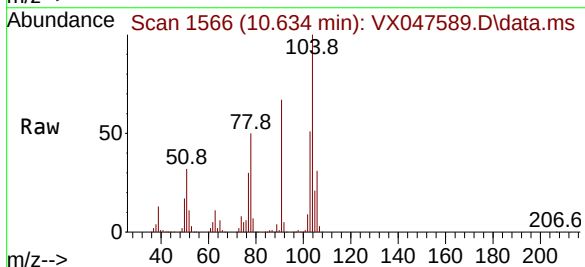
Tgt Ion:104 Resp: 649863

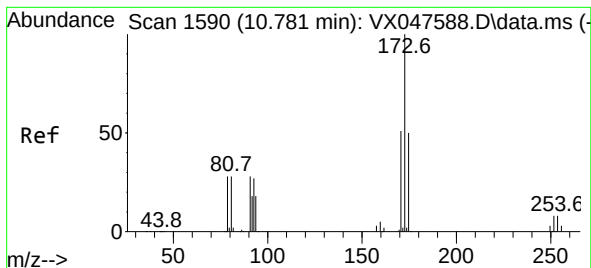
Ion Ratio Lower Upper

104 100

78 53.5 43.1 64.7

103 54.1 43.1 64.7





#71

Bromoform

Concen: 106.566 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

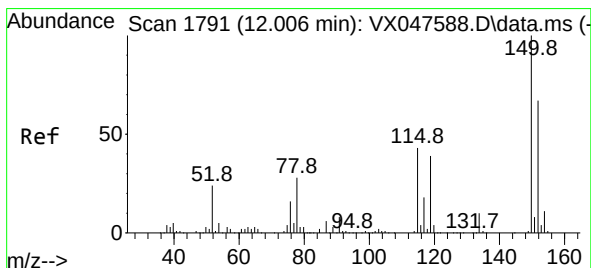
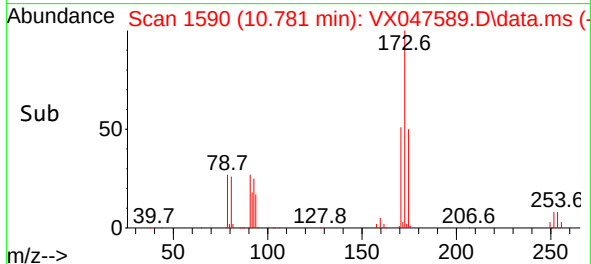
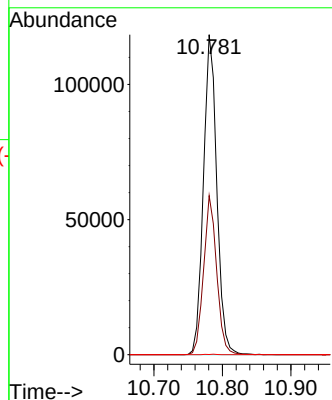
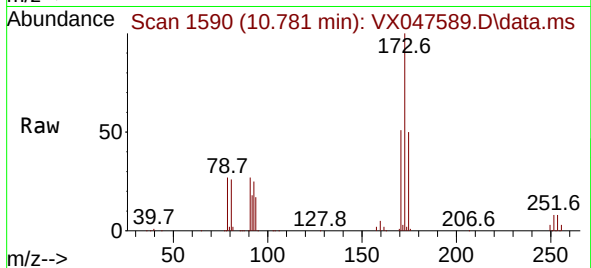
Tgt Ion:173 Resp: 161188

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

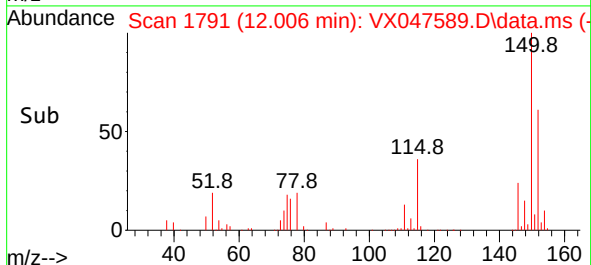
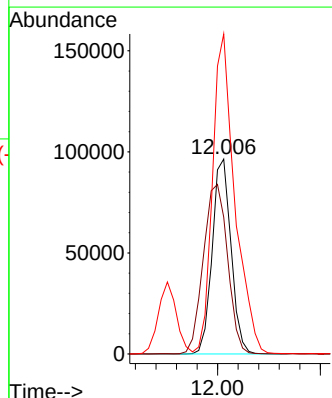
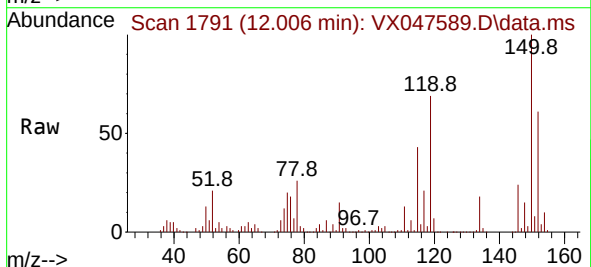
Tgt Ion:152 Resp: 122218

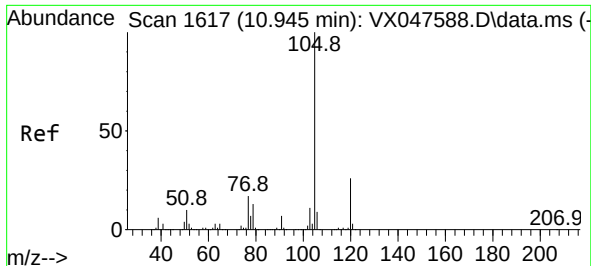
Ion Ratio Lower Upper

152 100

115 112.6 44.9 134.5

150 195.0 0.0 352.0

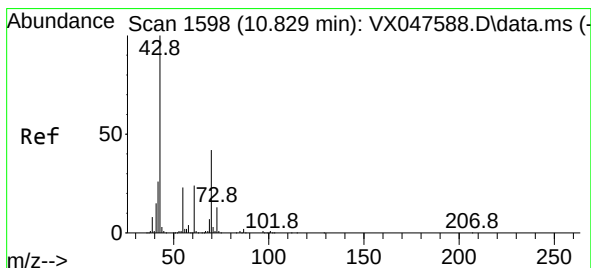
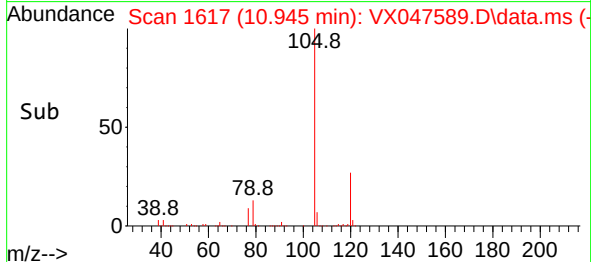
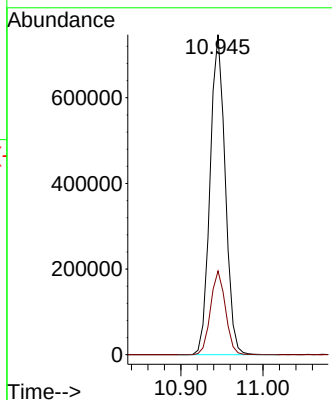
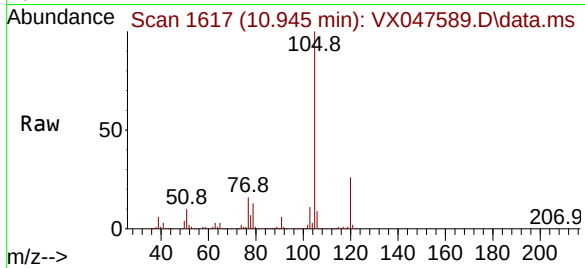




#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

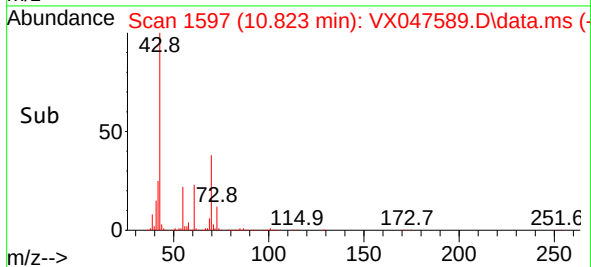
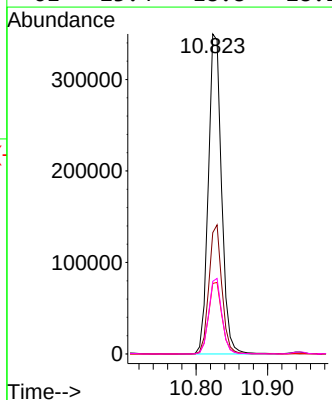
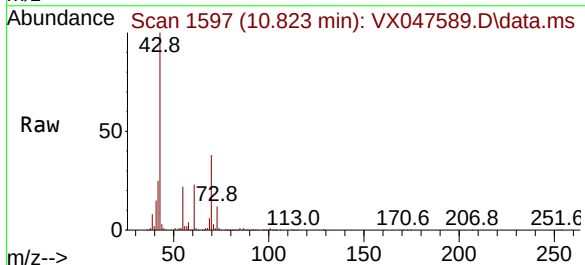
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

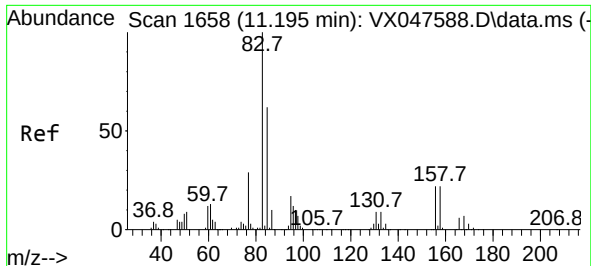
Tgt Ion:105 Resp: 954900
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4



#74
N-ethyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 448344
Ion Ratio Lower Upper
43 100
70 39.6 32.0 48.0
55 22.8 18.9 28.3
61 23.4 18.8 28.2

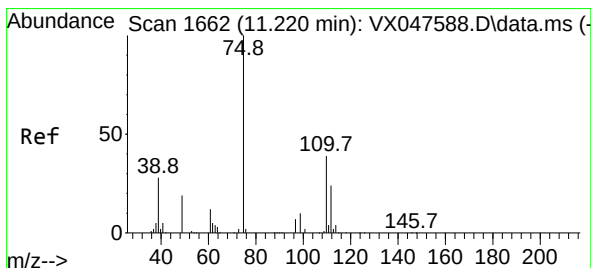
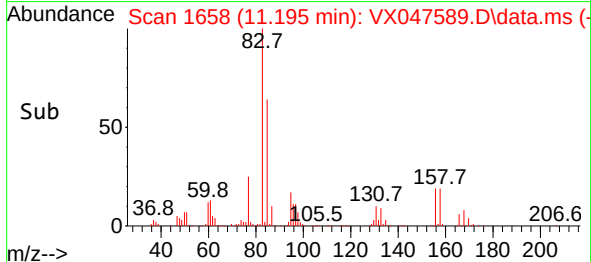
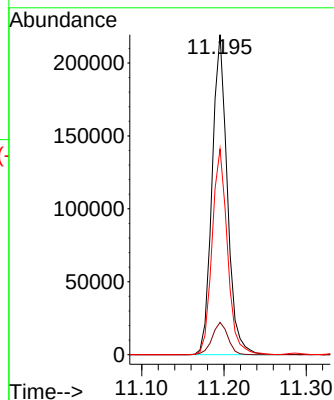
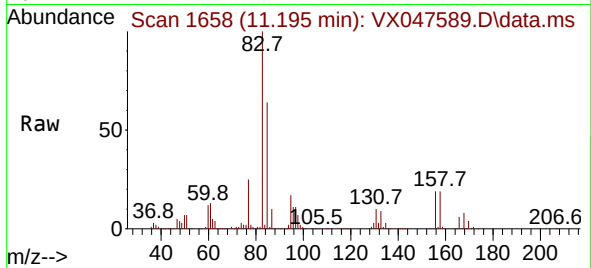




#75
 1,1,2,2-Tetrachloroethane
 Concen: 100.172 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

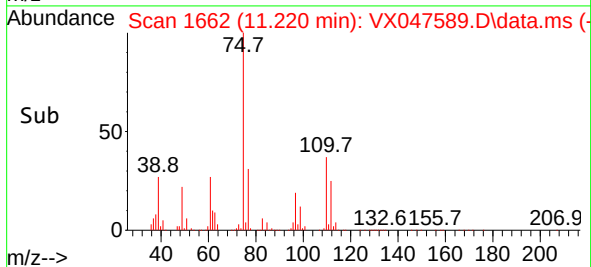
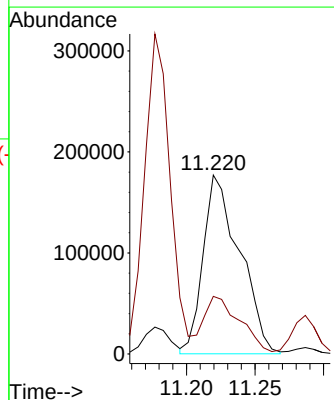
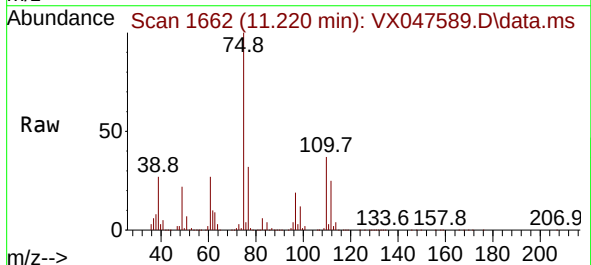
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

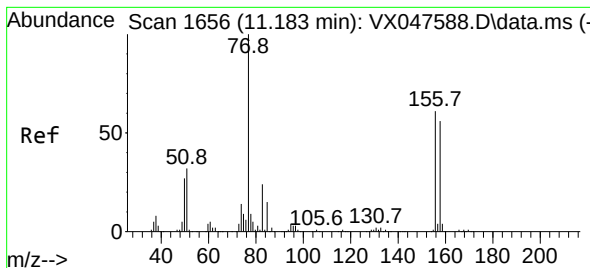
Tgt Ion: 83 Resp: 281608
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 65.1 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 132.545 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 327988
 Ion Ratio Lower Upper
 75 100
 77 30.7 18.8 56.4





#77

Bromobenzene

Concen: 102.541 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

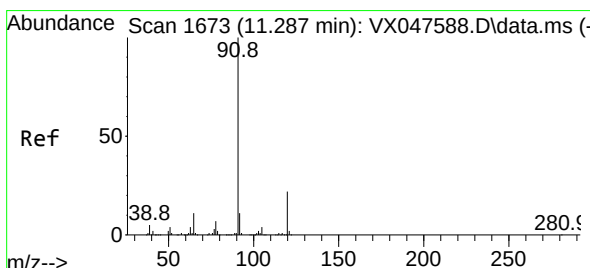
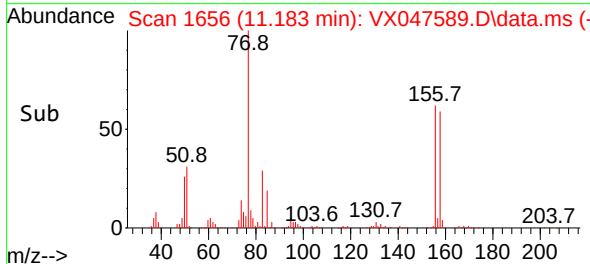
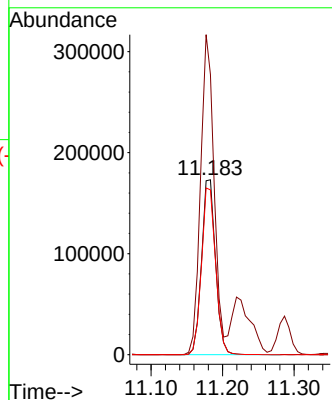
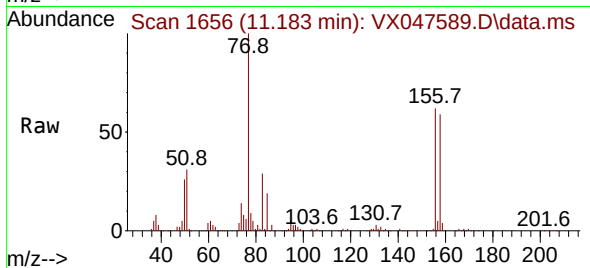
Tgt Ion:156 Resp: 234666

Ion Ratio Lower Upper

156 100

77 176.0 89.7 269.1

158 96.5 47.9 143.6



#78

n-propylbenzene

Concen: 101.941 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX047589.D

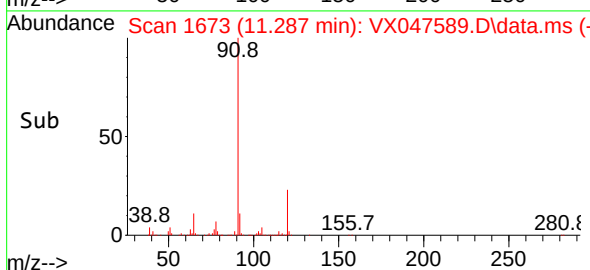
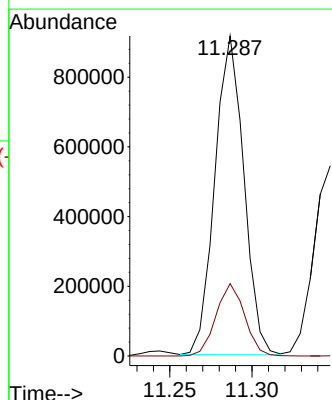
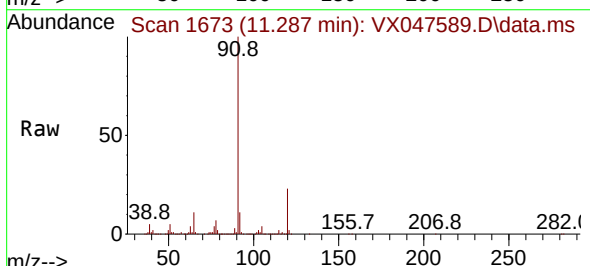
Acq: 16 Sep 2025 11:40

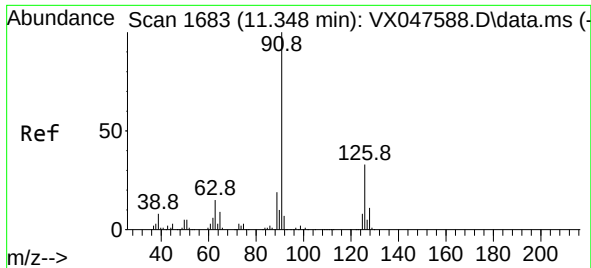
Tgt Ion: 91 Resp: 1119728

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1

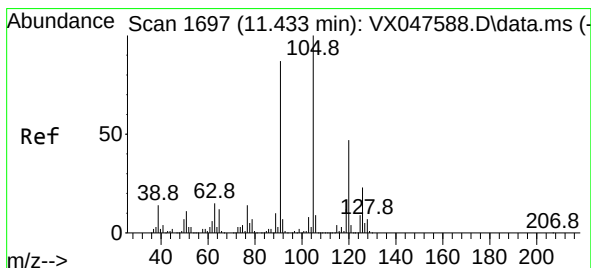
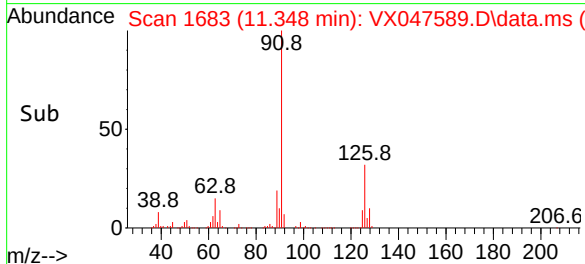
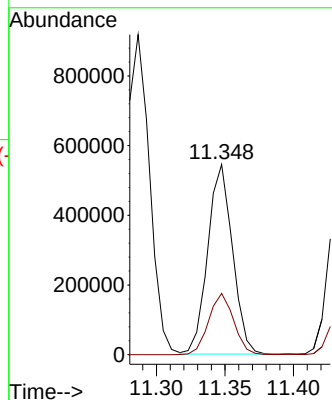
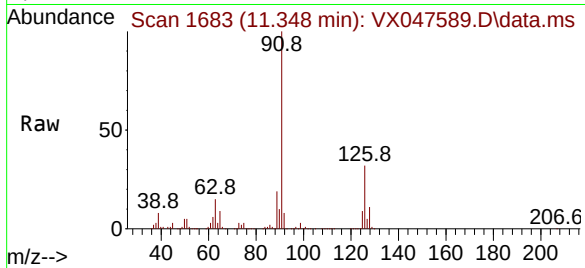




#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

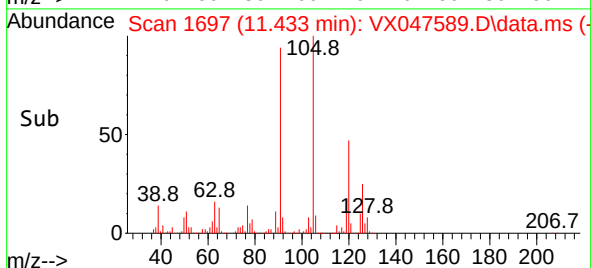
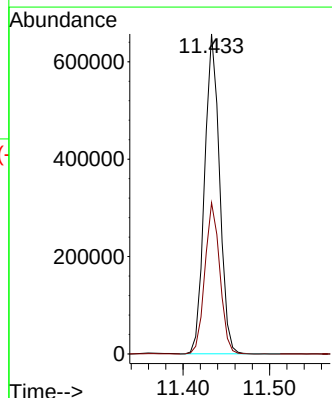
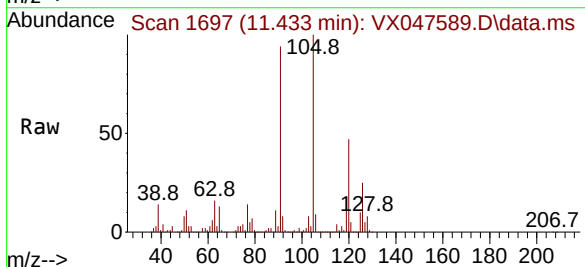
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

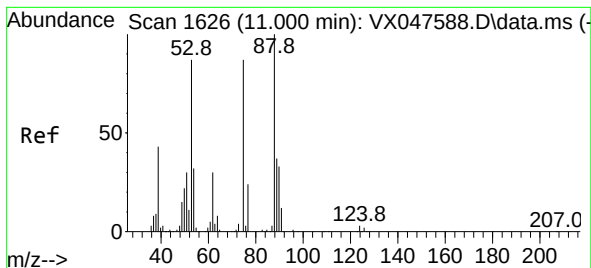
Tgt Ion: 91 Resp: 683867
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 105 Resp: 787327
Ion Ratio Lower Upper
105 100
120 47.2 23.6 70.8

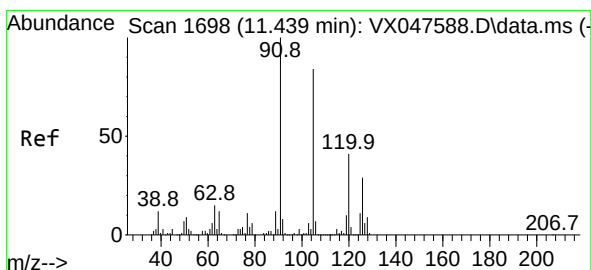
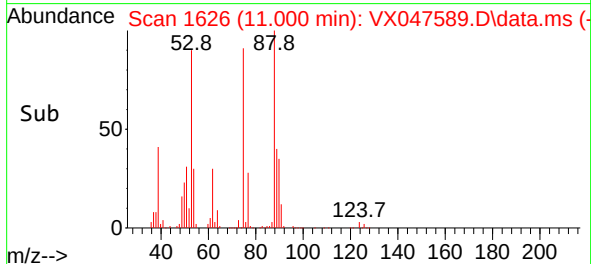
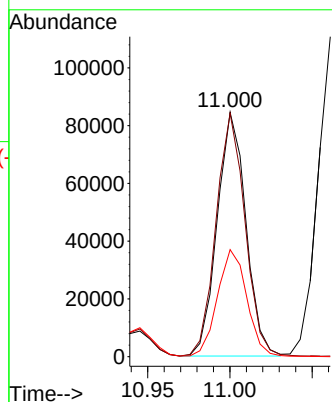
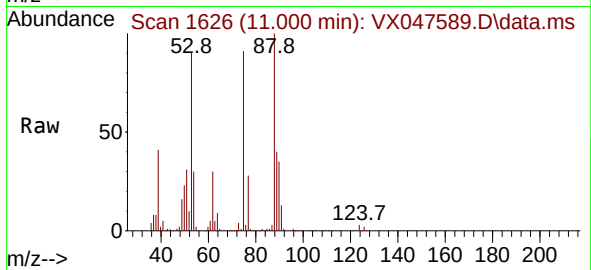




#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

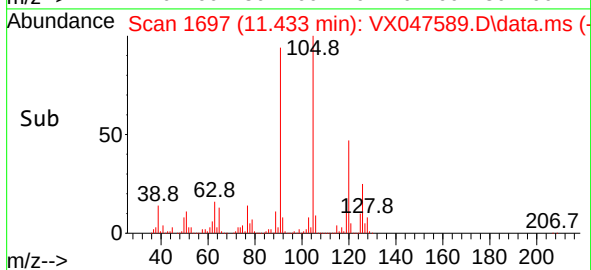
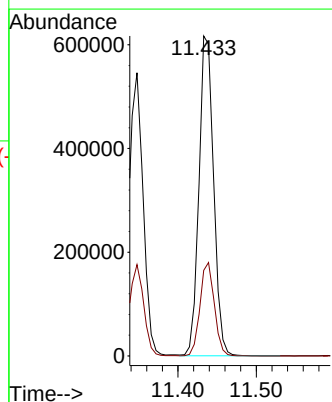
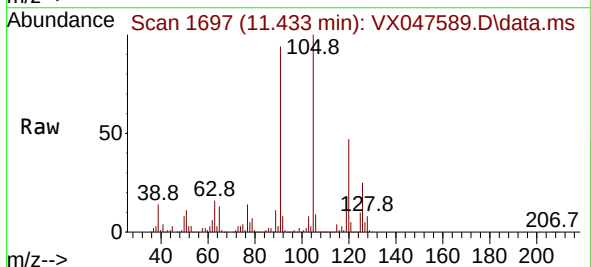
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

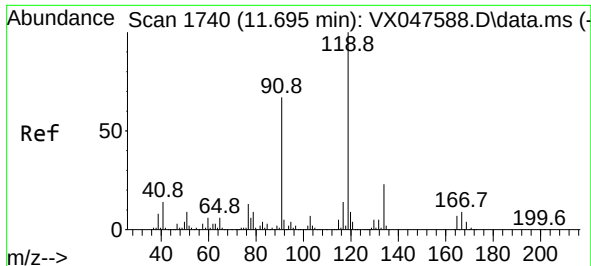
Tgt Ion: 75 Resp: 102555
Ion Ratio Lower Upper
75 100
53 101.1 83.4 125.2
89 45.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6

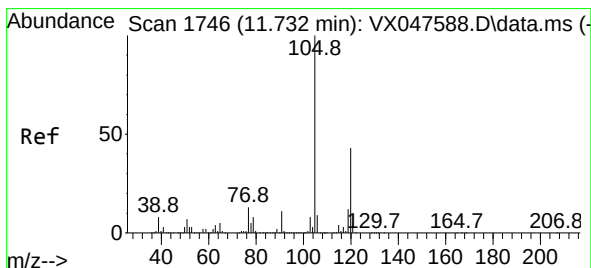
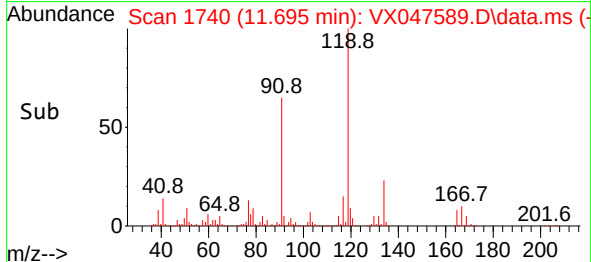
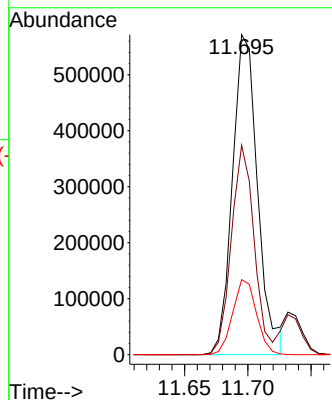
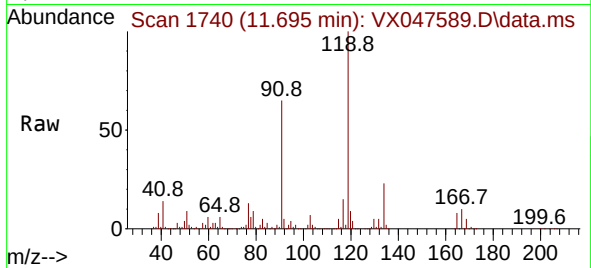




#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

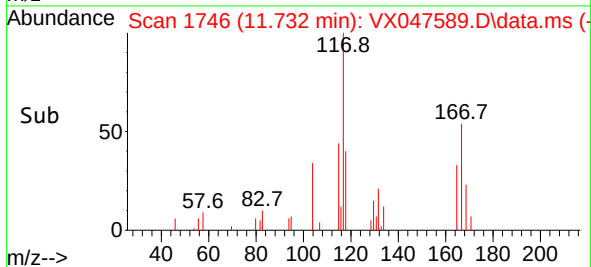
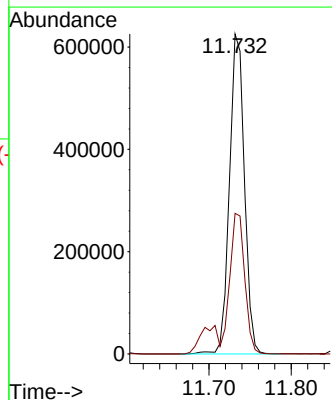
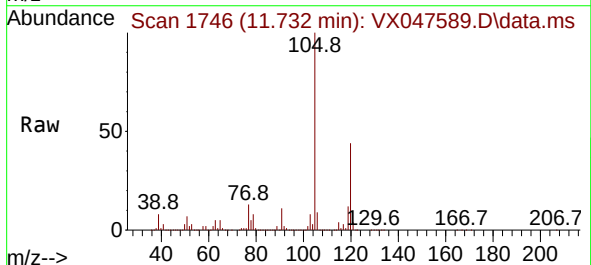
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

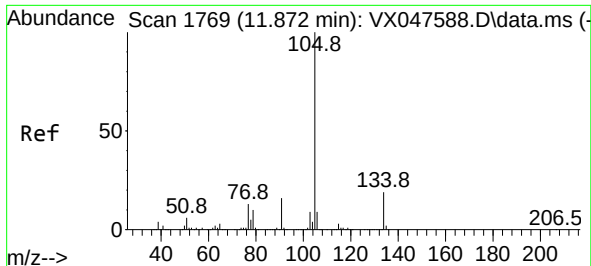
Tgt Ion:119 Resp: 791896
Ion Ratio Lower Upper
119 100
91 59.3 29.6 88.8
134 22.3 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1

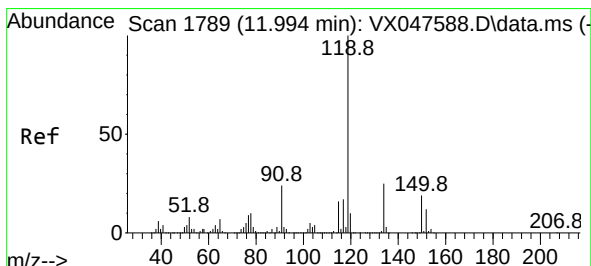
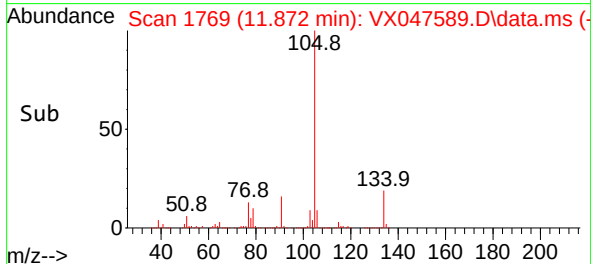
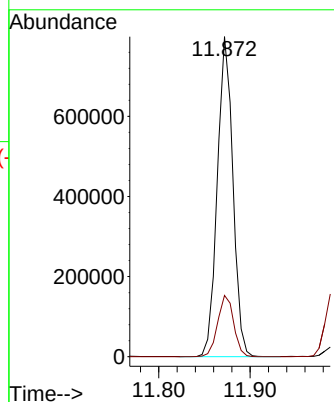
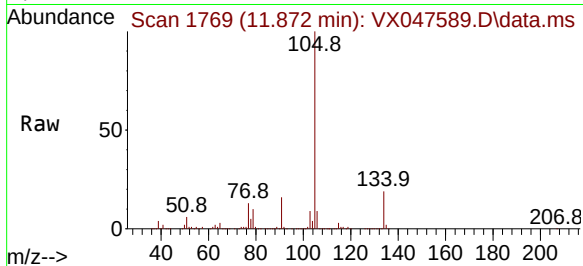




#85
 sec-Butylbenzene
 Concen: 101.840 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

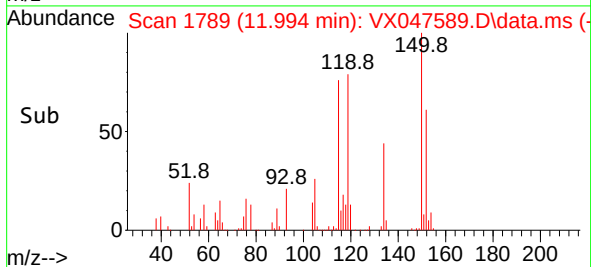
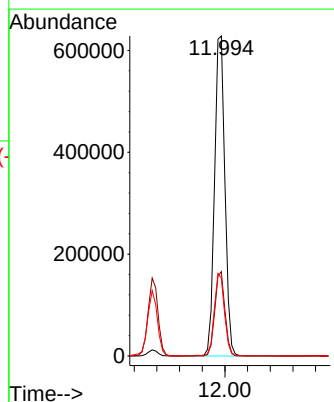
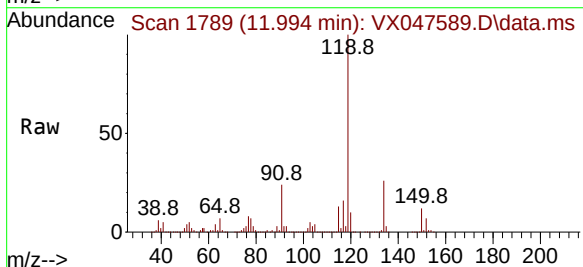
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

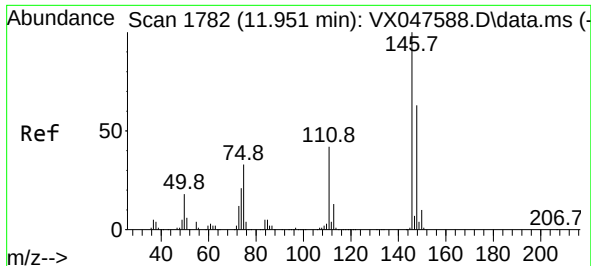
Tgt Ion:105 Resp: 945321
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 101.501 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 797643
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.2 12.6 37.6

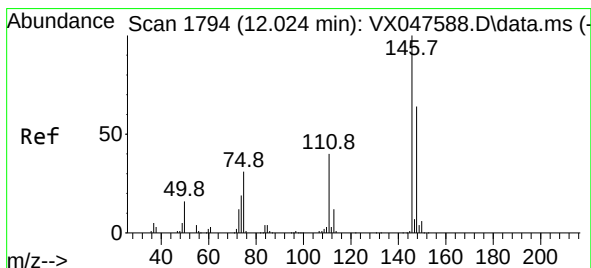
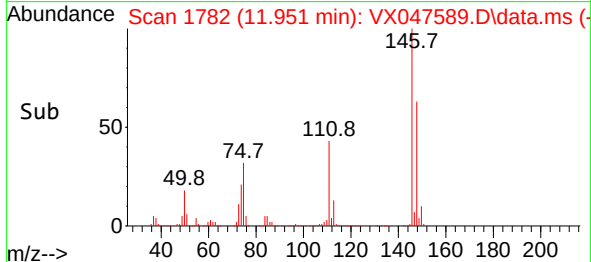
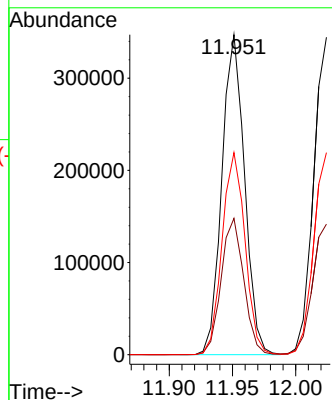
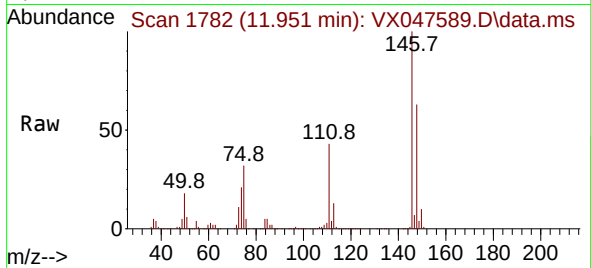




#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

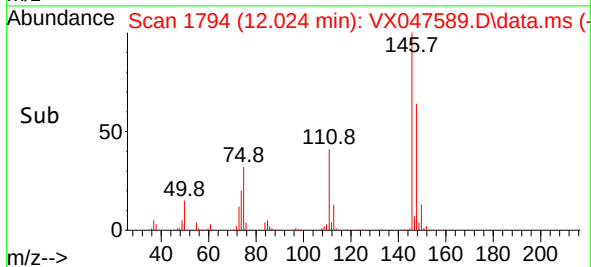
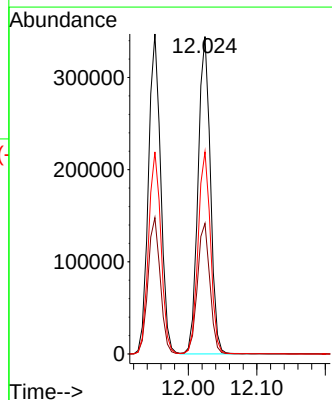
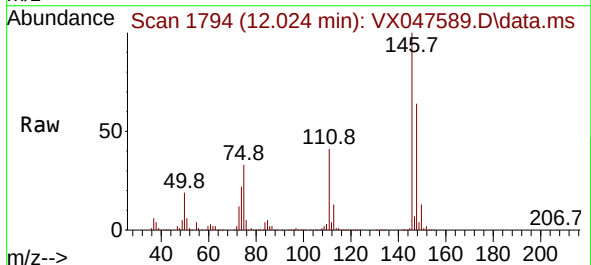
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

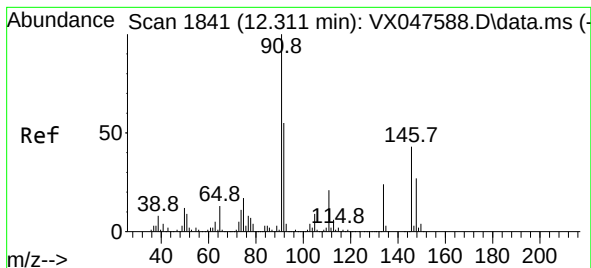
Tgt Ion:146 Resp: 432248
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 63.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 431839
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 104.138 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

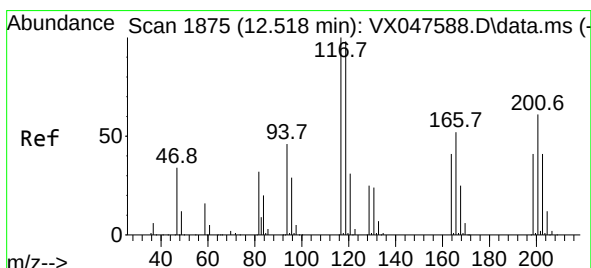
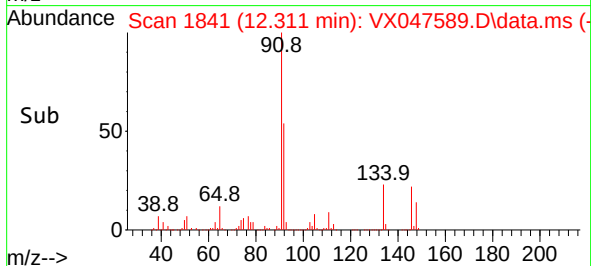
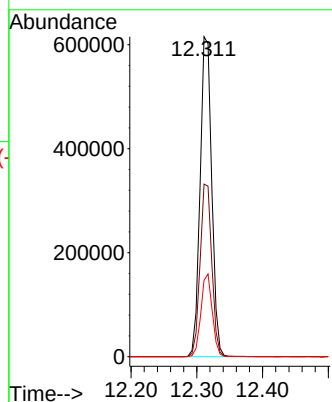
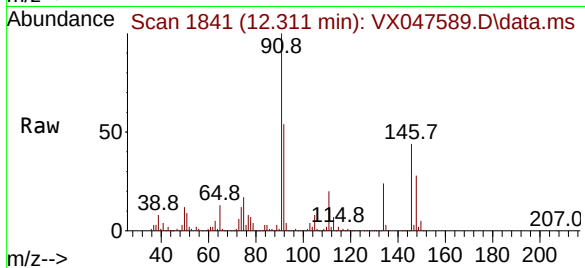
Tgt Ion: 91 Resp: 757239

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 107.304 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047589.D

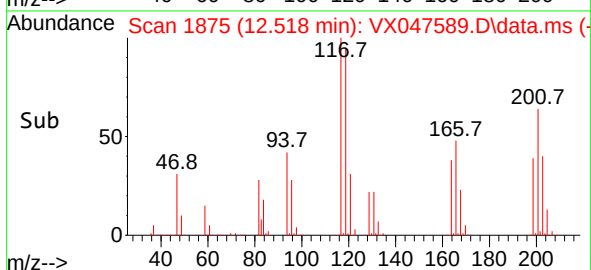
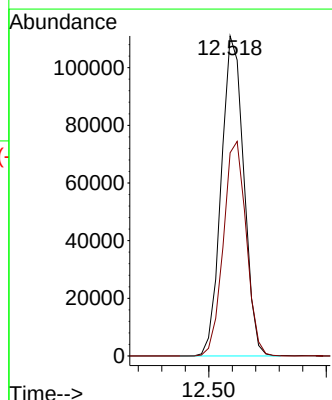
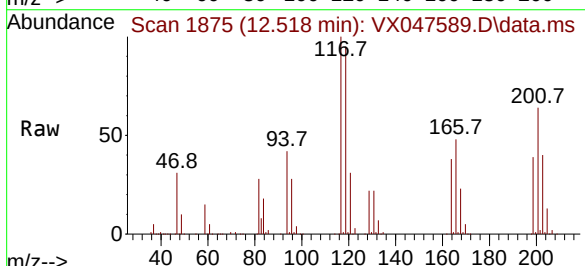
Acq: 16 Sep 2025 11:40

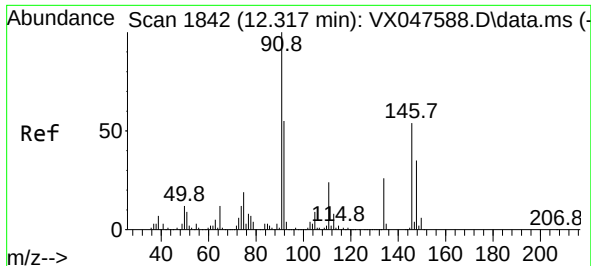
Tgt Ion: 117 Resp: 148048

Ion Ratio Lower Upper

117 100

201 68.1 34.2 102.5

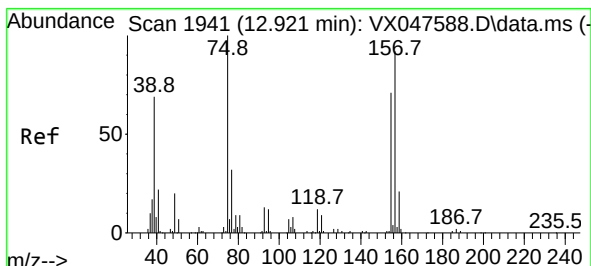
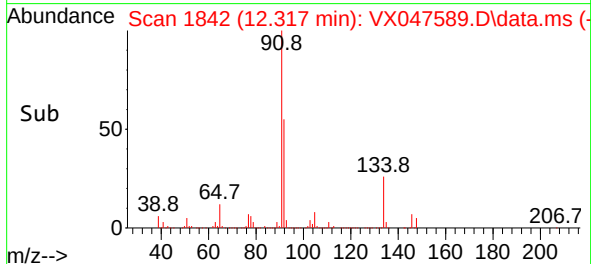
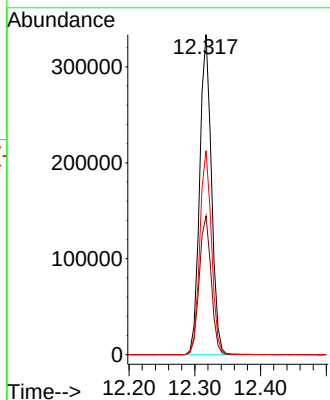
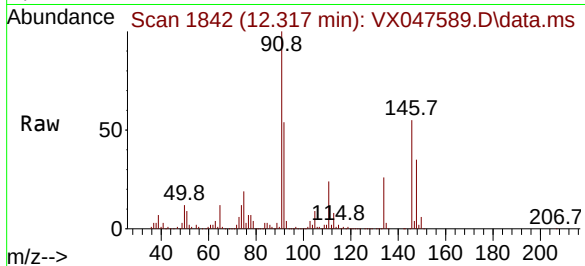




#91
 1,2-Dichlorobenzene
 Concen: 102.352 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

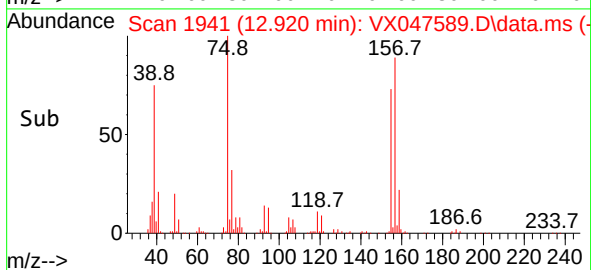
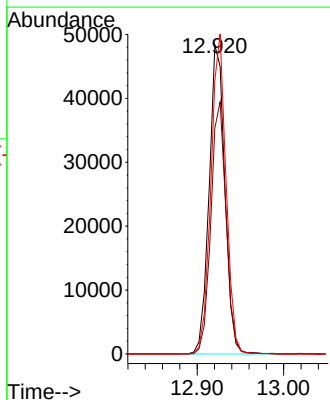
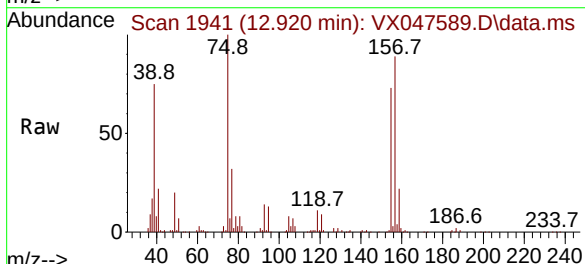
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

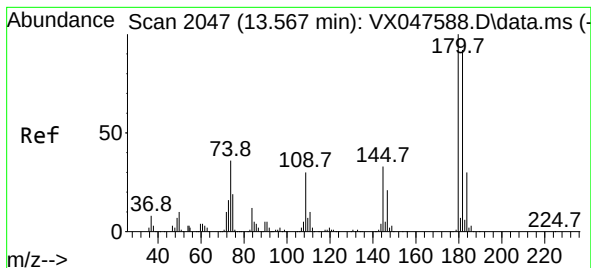
Tgt Ion:146 Resp: 414491
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.2 66.6
 148 63.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.225 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VX047589.D
 Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 61029
 Ion Ratio Lower Upper
 75 100
 155 79.0 37.7 113.1
 157 99.2 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 105.922 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

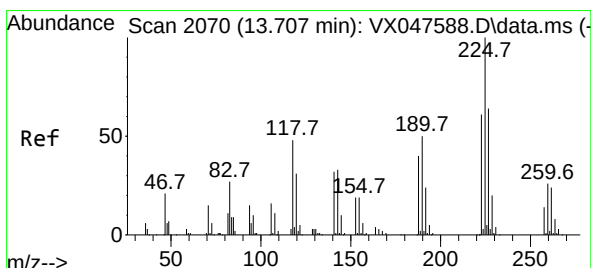
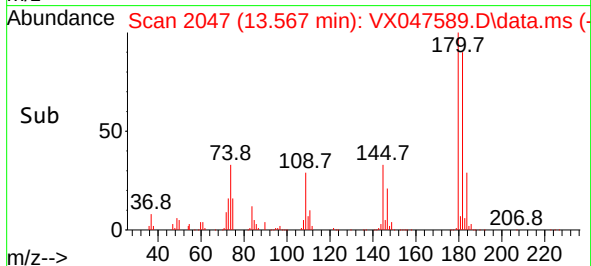
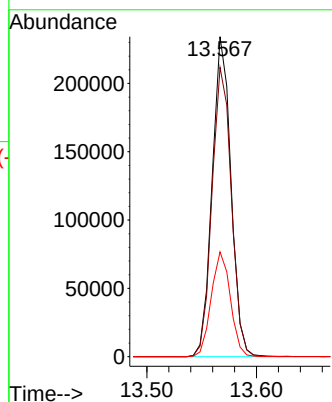
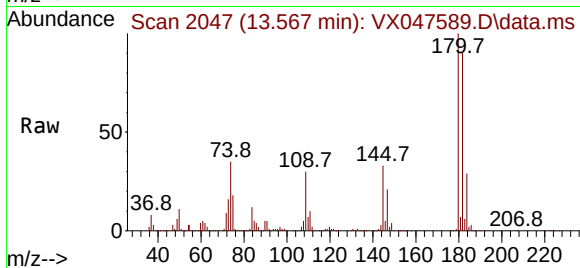
Tgt Ion:180 Resp: 278777

Ion Ratio Lower Upper

180 100

182 93.2 46.6 139.8

145 33.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 103.049 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

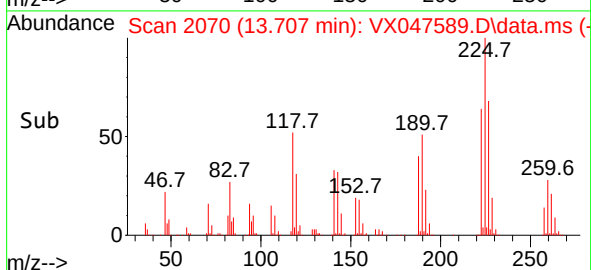
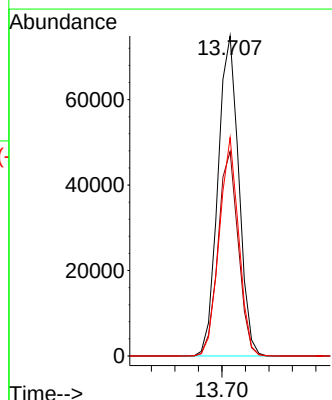
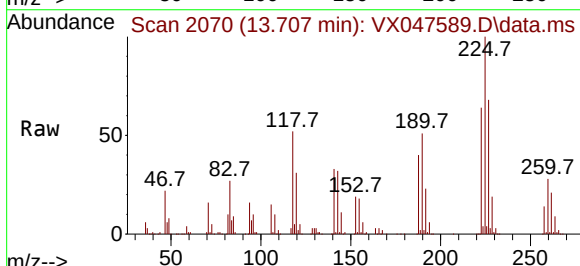
Tgt Ion:225 Resp: 92124

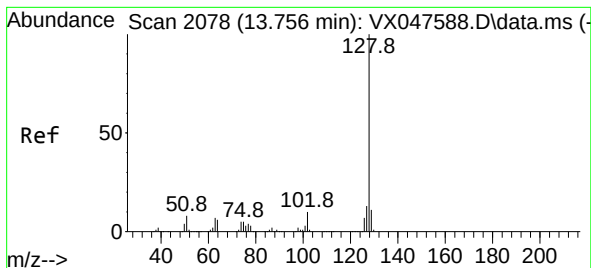
Ion Ratio Lower Upper

225 100

223 62.0 31.7 95.1

227 63.8 32.0 96.0





#95

Naphthalene

Concen: 106.620 ug/l

RT: 13.756 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

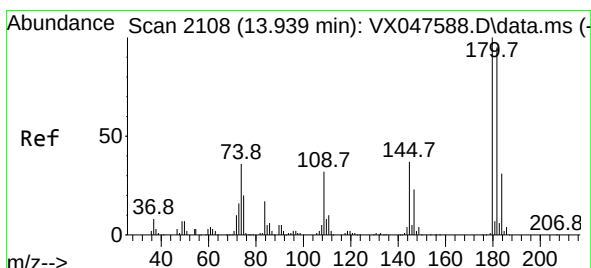
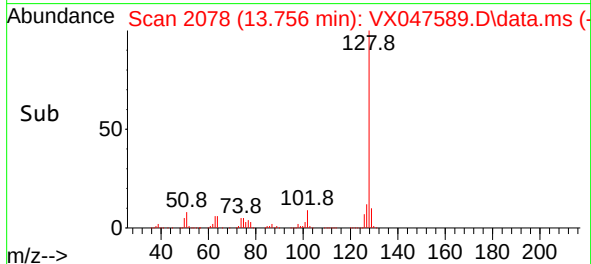
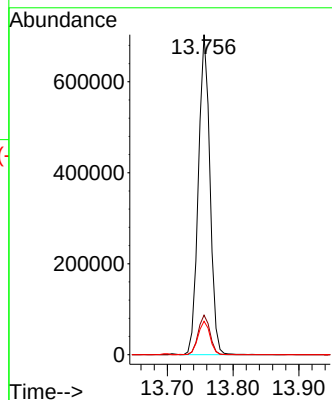
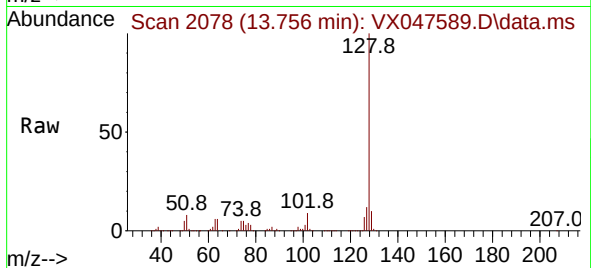
Tgt Ion:128 Resp: 854492

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 107.633 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047589.D

Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 263512

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.8

145 35.0 17.9 53.7

