

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023929.D
 Acq On : 10 Dec 2025 10:06
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 11 03:43:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:41:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	590721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	830437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	720782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	370187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	211761	40.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.100%
35) Dibromofluoromethane	7.640	113	231867	42.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.109	98	868450	42.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.940%
62) 4-Bromofluorobenzene	12.408	95	287131	42.541	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	210816	51.463	ug/l	100
3) Chloromethane	2.074	50	270547	51.410	ug/l	100
4) Vinyl Chloride	2.214	62	350266	53.864	ug/l	100
5) Bromomethane	2.604	94	258699	46.727	ug/l	100
6) Chloroethane	2.745	64	242353	52.895	ug/l	100
7) Trichlorofluoromethane	3.068	101	512357	52.334	ug/l	100
8) Diethyl Ether	3.464	74	139777	51.971	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	295643	51.817	ug/l	100
10) Methyl Iodide	4.019	142	389964	55.450	ug/l	100
11) Tert butyl alcohol	4.872	59	74286	245.625	ug/l	100
12) 1,1-Dichloroethene	3.799	96	283733	52.929	ug/l	100
13) Acrolein	3.659	56	87703	181.314	ug/l	100
14) Allyl chloride	4.397	41	370950	54.081	ug/l	100
15) Acrylonitrile	5.074	53	275002	256.635	ug/l	100
16) Acetone	3.879	43	352481	262.756	ug/l	100
17) Carbon Disulfide	4.116	76	832565	58.483	ug/l	100
18) Methyl Acetate	4.397	43	122043	51.647	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	685441	53.469	ug/l	100
20) Methylene Chloride	4.628	84	297983	48.497	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	313800	53.323	ug/l	100
22) Diisopropyl ether	6.031	45	842372	53.933	ug/l	100
23) Vinyl Acetate	5.970	43	2356919	271.584	ug/l	100
24) 1,1-Dichloroethane	5.927	63	512623	52.656	ug/l	100
25) 2-Butanone	6.902	43	395826	245.237	ug/l	100
26) 2,2-Dichloropropane	6.896	77	479511	52.752	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	360279	53.330	ug/l	100
28) Bromochloromethane	7.256	49	135356	36.906	ug/l	100
29) Tetrahydrofuran	7.274	42	218721	265.708	ug/l	100
30) Chloroform	7.427	83	554126	52.108	ug/l	100
31) Cyclohexane	7.707	56	477708	53.334	ug/l	100
32) 1,1,1-Trichloroethane	7.628	97	519726	52.703	ug/l	100
36) 1,1-Dichloropropene	7.841	75	408348	55.254	ug/l	100
37) Ethyl Acetate	6.994	43	160801	53.432	ug/l	100
38) Carbon Tetrachloride	7.829	117	482584	53.873	ug/l	100
39) Methylcyclohexane	9.116	83	559473	56.663	ug/l	100
40) Benzene	8.085	78	1221410	54.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	84980	51.330	ug/l	100
42) 1,2-Dichloroethane	8.164	62	312553	52.959	ug/l	100
43) Isopropyl Acetate	8.201	43	307239	54.207	ug/l	100
44) Trichloroethene	8.872	130	348631	53.425	ug/l	100
45) 1,2-Dichloropropane	9.146	63	270785	53.327	ug/l	100
46) Dibromomethane	9.237	93	160626	53.708	ug/l	100
47) Bromodichloromethane	9.426	83	416896	52.989	ug/l	100
48) Methyl methacrylate	9.225	41	148779	56.386	ug/l	100
49) 1,4-Dioxane	9.237	88	34773	1042.937	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	820713	273.294	ug/l	100
52) Toluene	10.176	92	811186	54.470	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	374044	55.015	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	436629	54.499	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	216254	52.536	ug/l	100
56) Ethyl methacrylate	10.445	69	272973	55.939	ug/l	100
57) 1,3-Dichloropropane	10.719	76	356337	53.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	535034	253.119	ug/l	100
59) 2-Hexanone	10.762	43	600454	263.452	ug/l	100
60) Dibromochloromethane	10.914	129	305733	53.647	ug/l	100
61) 1,2-Dibromoethane	11.018	107	203526	53.358	ug/l	100
64) Tetrachloroethene	10.652	164	415818	53.700	ug/l	100
65) Chlorobenzene	11.444	112	886523	53.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	306930	52.399	ug/l	100
67) Ethyl Benzene	11.524	91	1529137	54.643	ug/l	100
68) m/p-Xylenes	11.633	106	1213240	109.214	ug/l	100
69) o-Xylene	11.956	106	572576	55.098	ug/l	100
70) Styrene	11.975	104	935133	55.703	ug/l	100
71) Bromoform	12.133	173	179295	51.940	ug/l #	100
73) Isopropylbenzene	12.255	105	1495142	55.266	ug/l	100
74) N-amyl acetate	12.072	43	277172	57.759	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	214936	52.176	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	300815	95.767	ug/l #	100
77) Bromobenzene	12.536	156	355842	53.010	ug/l	100
78) n-propylbenzene	12.597	91	1755195	55.762	ug/l	100
79) 2-Chlorotoluene	12.682	91	980636	54.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1196537	55.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	73588	53.492	ug/l	100
82) 4-Chlorotoluene	12.779	91	991740	53.880	ug/l	100
83) tert-Butylbenzene	12.999	119	1089564	54.637	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1187602	55.545	ug/l	100
85) sec-Butylbenzene	13.176	105	1594354	54.808	ug/l	100
86) p-Isopropyltoluene	13.292	119	1354639	55.015	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	685657	52.597	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	666376	51.858	ug/l	100
89) n-Butylbenzene	13.621	91	1184660	54.991	ug/l	100
90) Hexachloroethane	13.883	117	266521	53.043	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	591713	52.389	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31567	49.493	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	338483	50.990	ug/l	100
94) Hexachlorobutadiene	15.029	225	220293	50.628	ug/l	100
95) Naphthalene	15.145	128	539821	52.592	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	282063	49.933	ug/l	100

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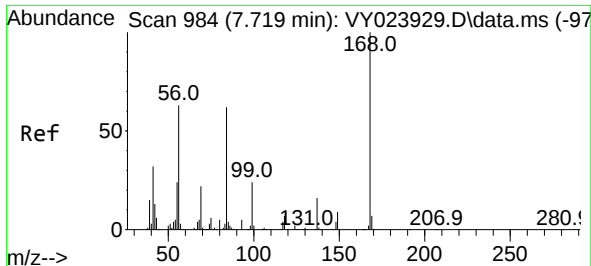
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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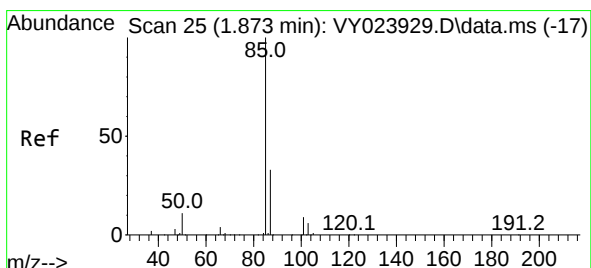
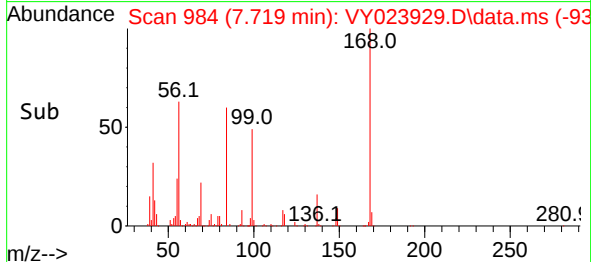
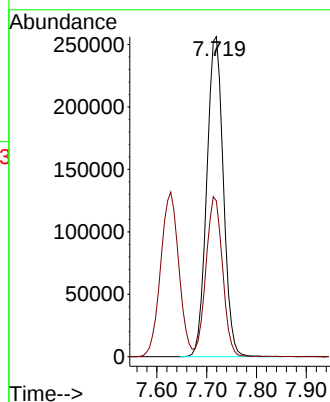
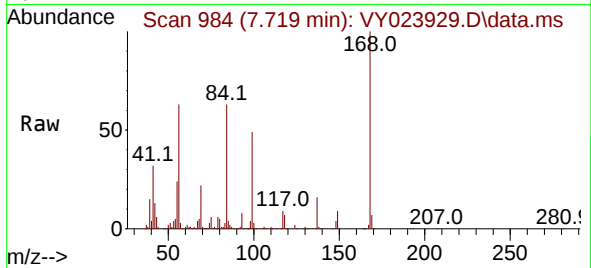




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023929.D
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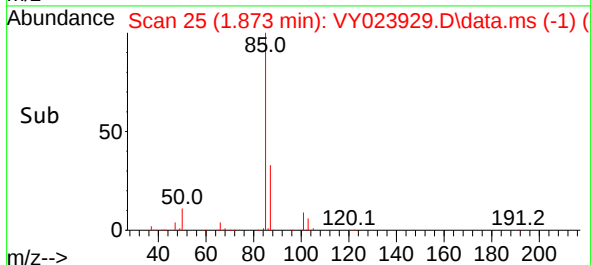
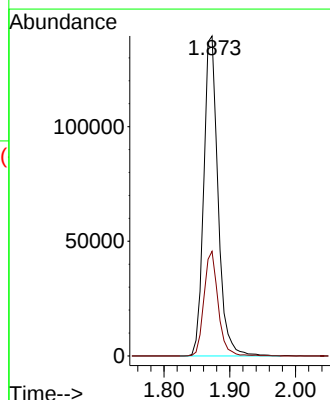
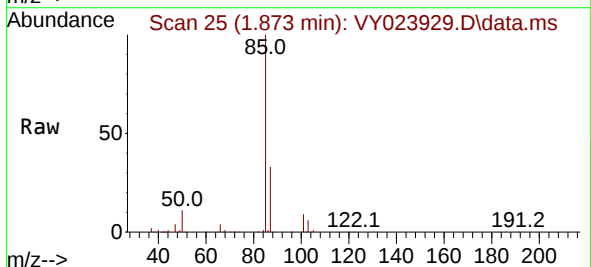
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

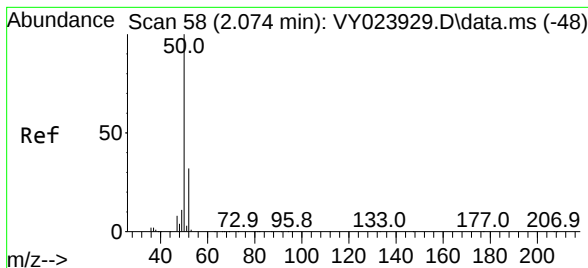
Tgt Ion:168 Resp: 590721
Ion Ratio Lower Upper
168 100
99 48.6 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 51.463 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 85 Resp: 210816
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





#3

Chloromethane

Concen: 51.410 ug/l

RT: 2.074 min Scan# 58

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

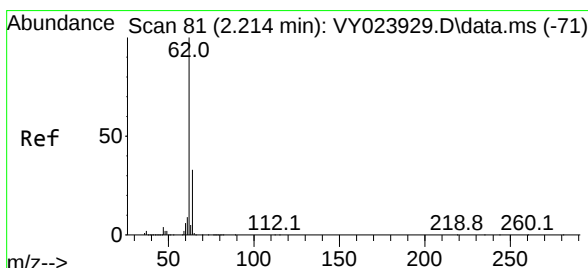
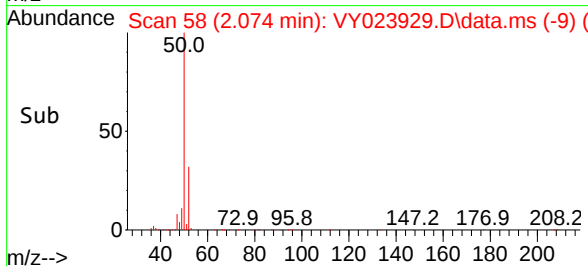
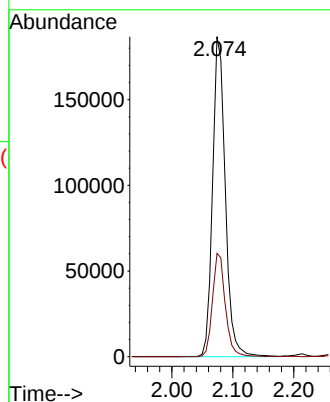
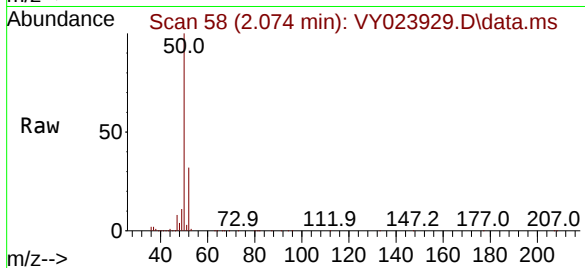
VSTDICCC050

Tgt Ion: 50 Resp: 270547

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 53.864 ug/l

RT: 2.214 min Scan# 81

Delta R.T. 0.000 min

Lab File: VY023929.D

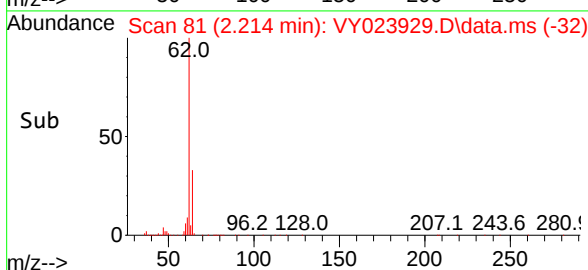
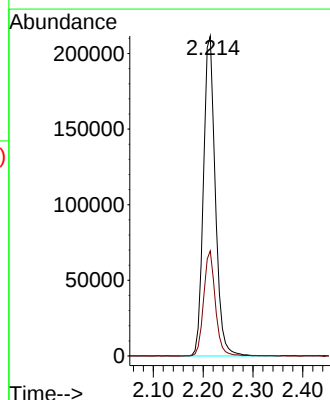
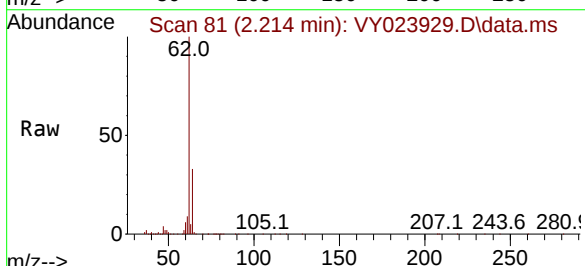
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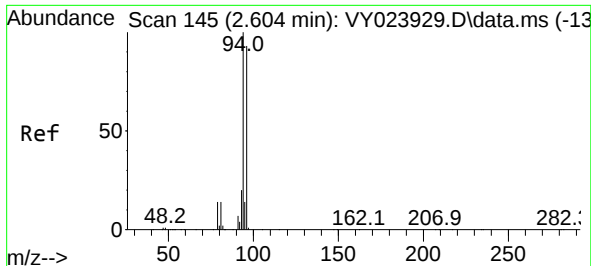
Tgt Ion: 62 Resp: 350266

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4

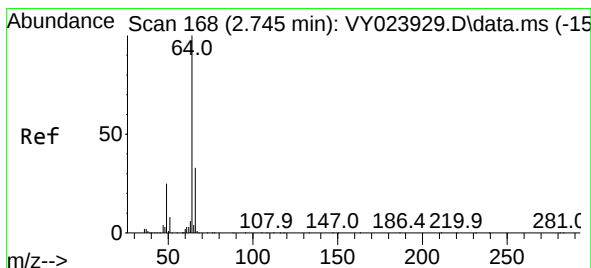
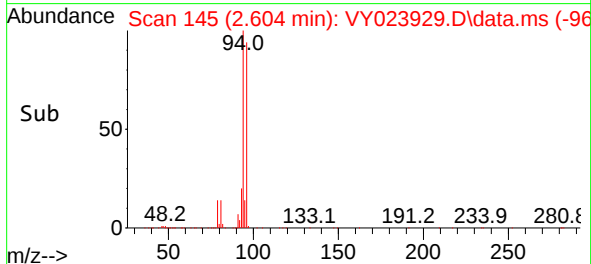
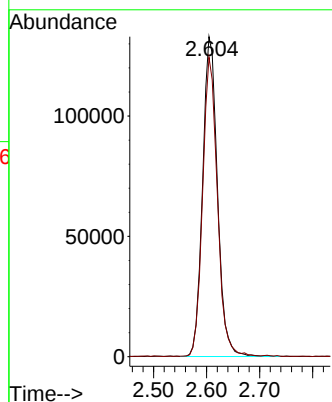
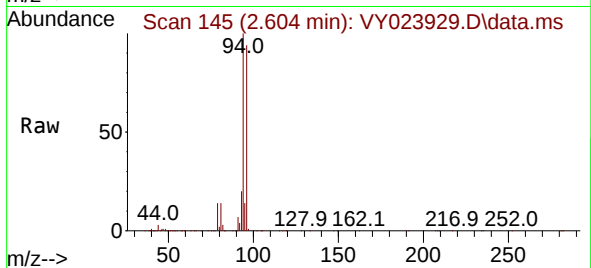




#5
Bromomethane
Concen: 46.727 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

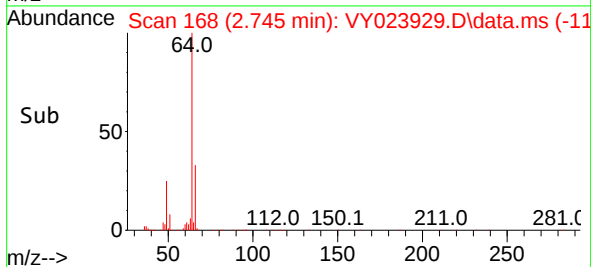
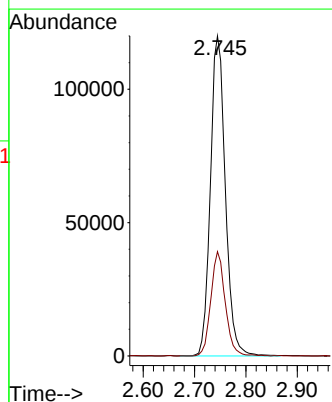
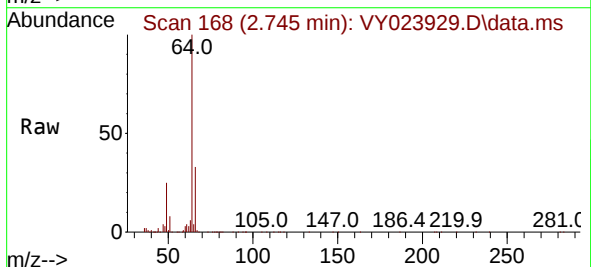
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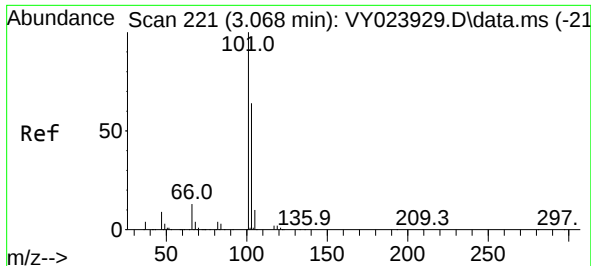
Tgt Ion: 94 Resp: 258699
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 52.895 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 64 Resp: 242353
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0

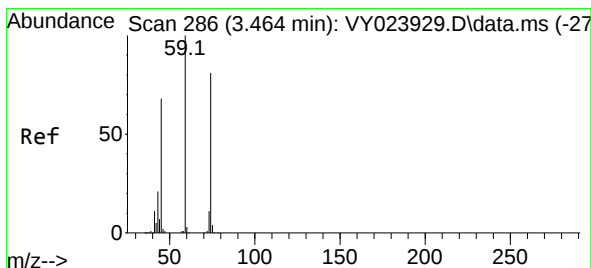
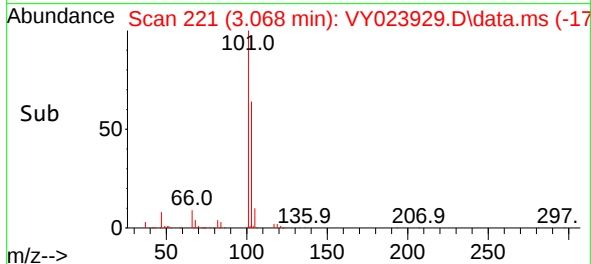
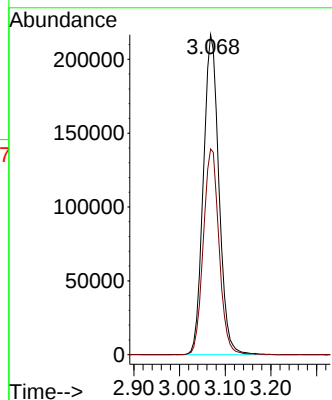
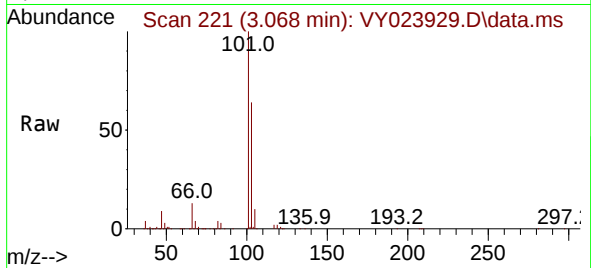




#7
Trichlorofluoromethane
Concen: 52.334 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

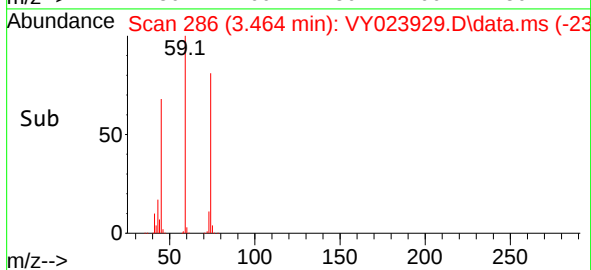
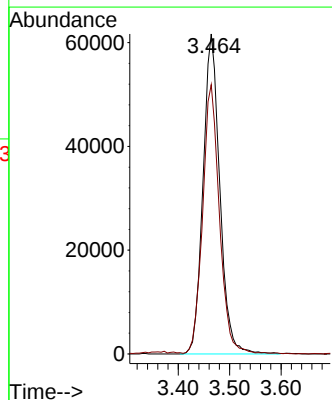
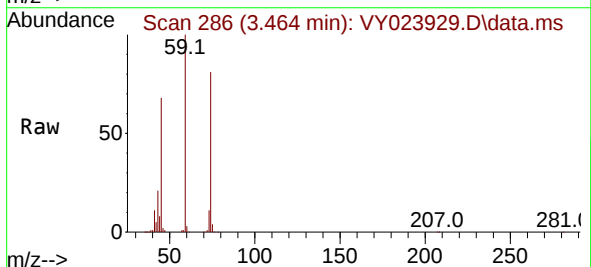
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

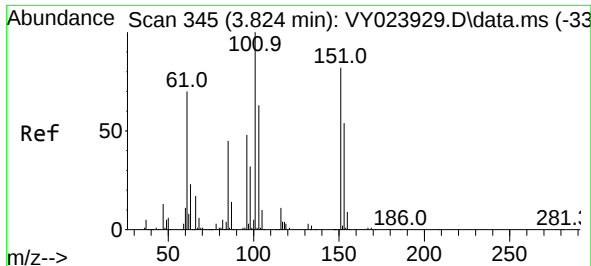
Tgt Ion:101 Resp: 512357
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2



#8
Diethyl Ether
Concen: 51.971 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 74 Resp: 139777
Ion Ratio Lower Upper
74 100
45 84.1 42.0 126.1

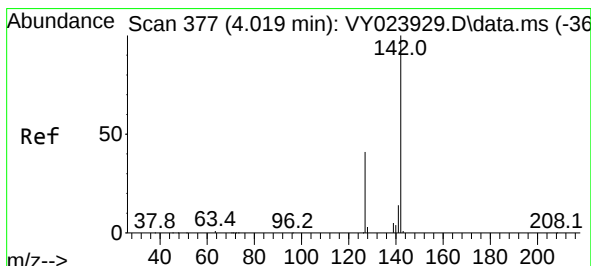
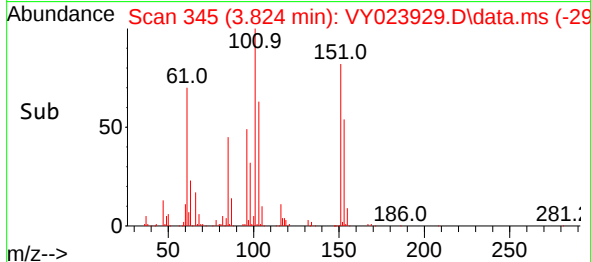
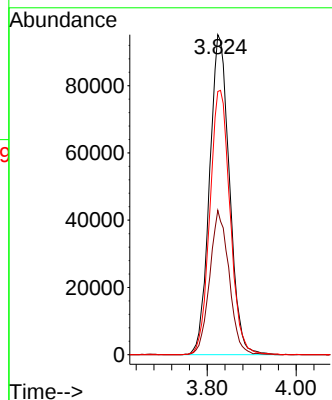
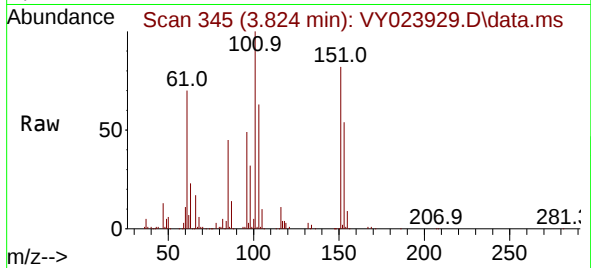




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.817 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

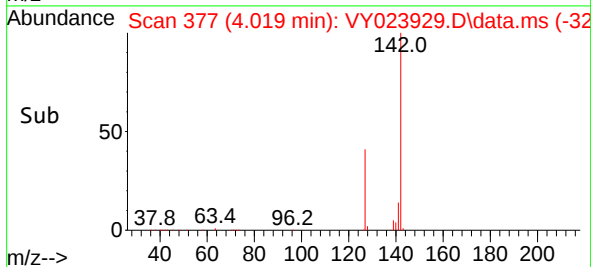
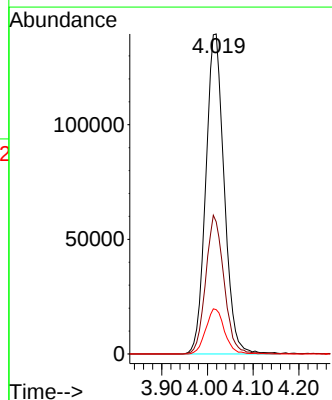
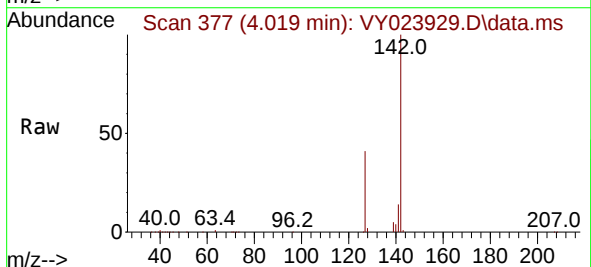
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

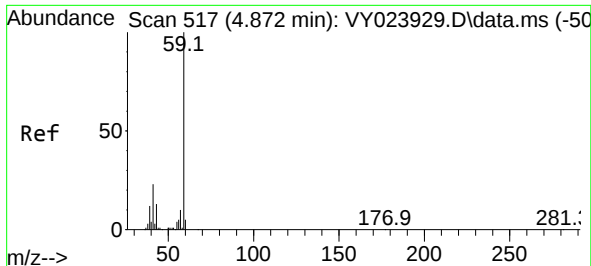
Tgt Ion:101 Resp: 295643
Ion Ratio Lower Upper
101 100
85 43.9 35.1 52.7
151 84.0 67.2 100.8



#10
Methyl Iodide
Concen: 55.450 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion:142 Resp: 389964
Ion Ratio Lower Upper
142 100
127 43.1 34.5 51.7
141 14.4 11.5 17.3

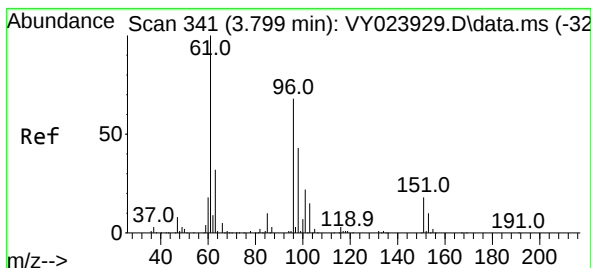
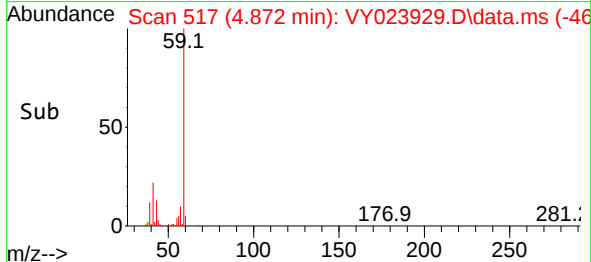
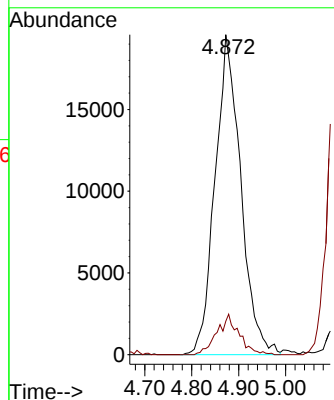
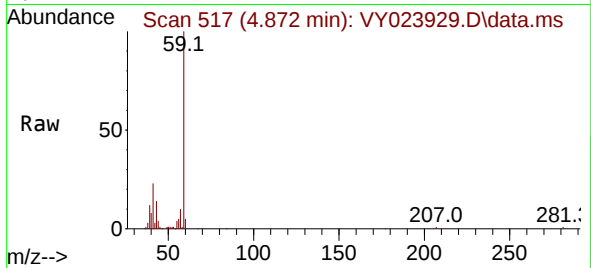




#11
Tert butyl alcohol
Concen: 245.625 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

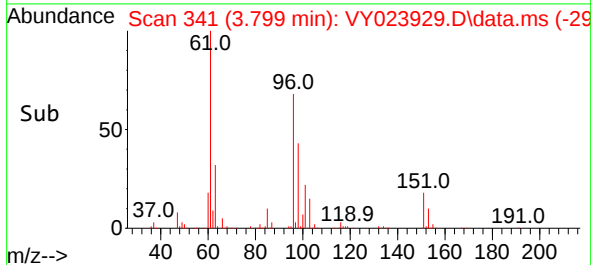
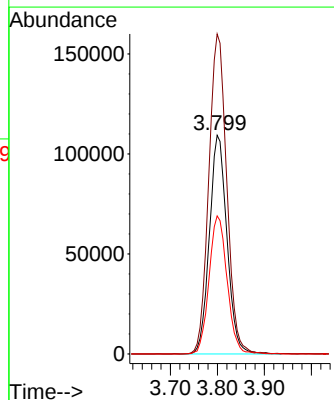
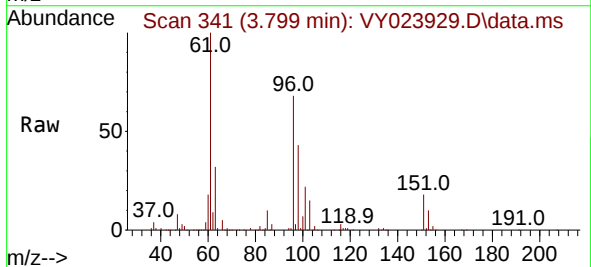
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

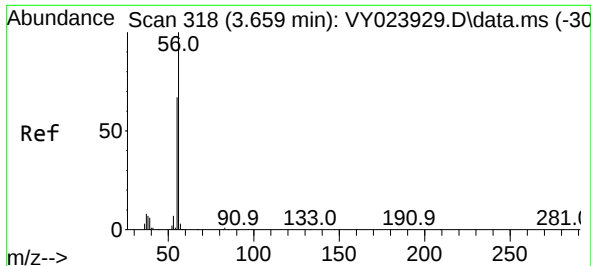
Tgt Ion: 59 Resp: 74286
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 52.929 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 96 Resp: 283733
Ion Ratio Lower Upper
96 100
61 146.3 117.0 175.6
98 63.1 50.5 75.7





#13

Acrolein

Concen: 181.314 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

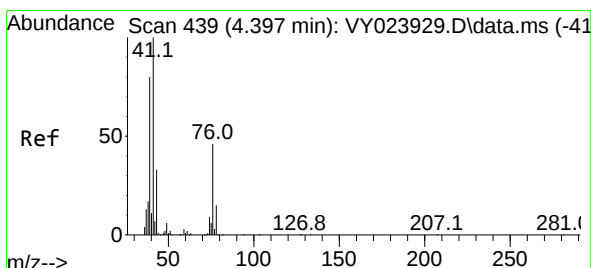
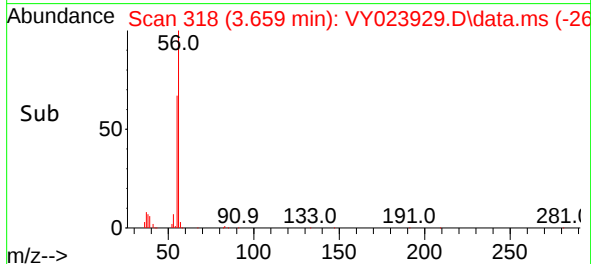
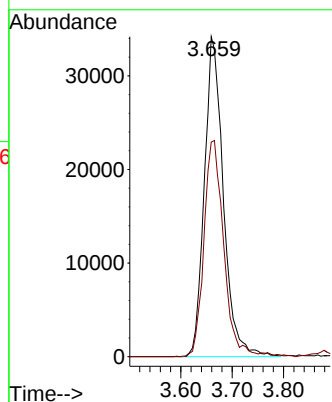
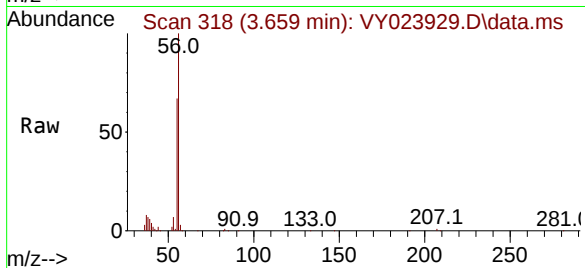
VSTDICCC050

Tgt Ion: 56 Resp: 87703

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 54.081 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

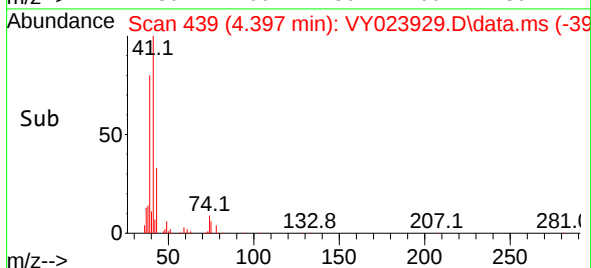
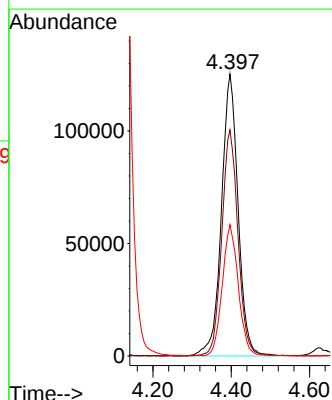
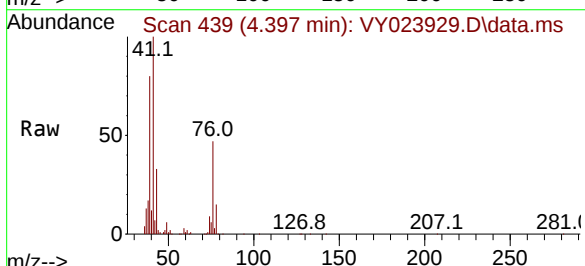
Tgt Ion: 41 Resp: 370950

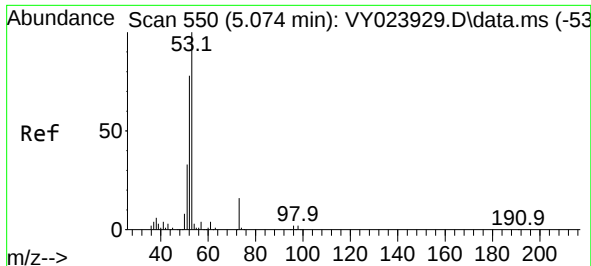
Ion Ratio Lower Upper

41 100

39 78.6 62.9 94.3

76 44.6 35.7 53.5

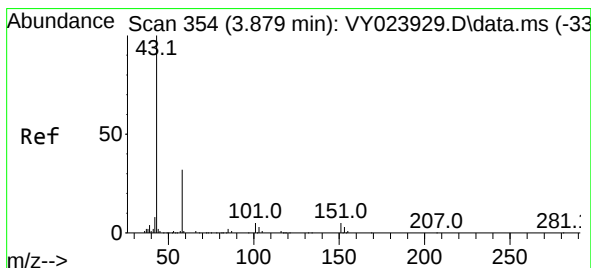
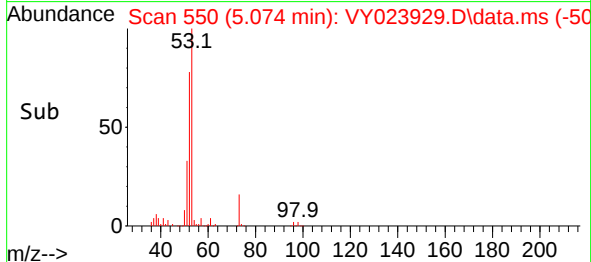
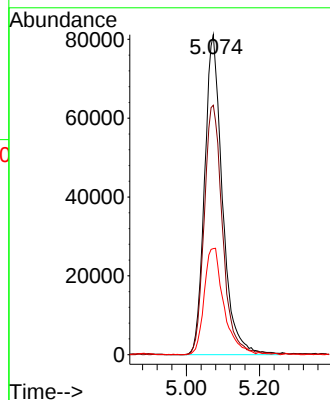
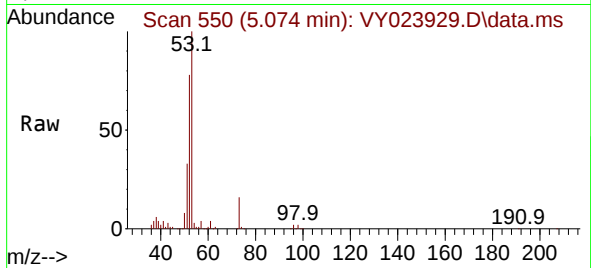




#15
Acrylonitrile
Concen: 256.635 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

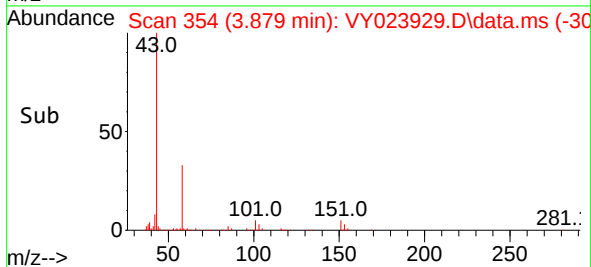
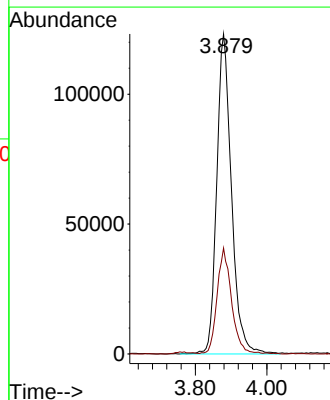
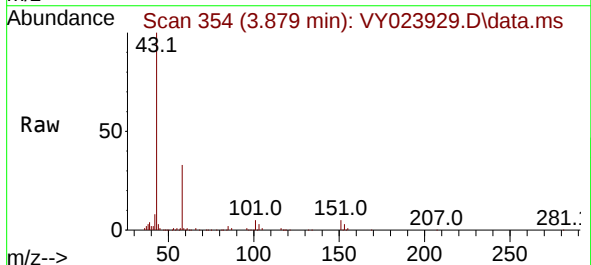
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

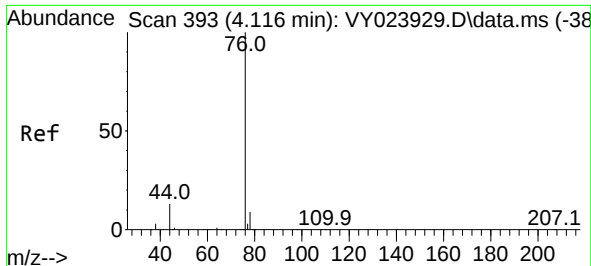
Tgt Ion: 53 Resp: 275002
Ion Ratio Lower Upper
53 100
52 80.2 64.2 96.2
51 36.6 29.3 43.9



#16
Acetone
Concen: 262.756 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 43 Resp: 352481
Ion Ratio Lower Upper
43 100
58 33.0 26.4 39.6

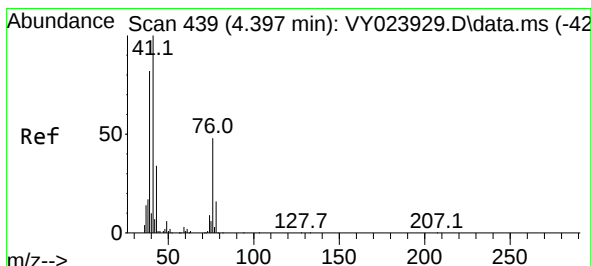
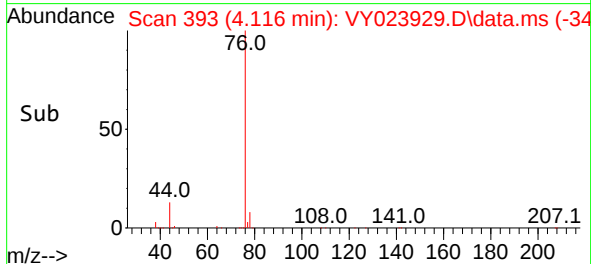
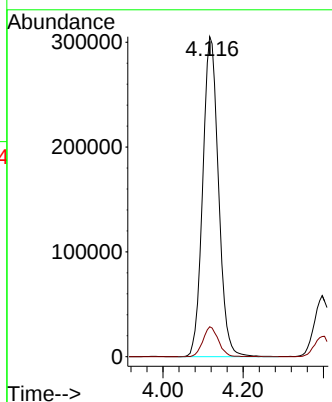
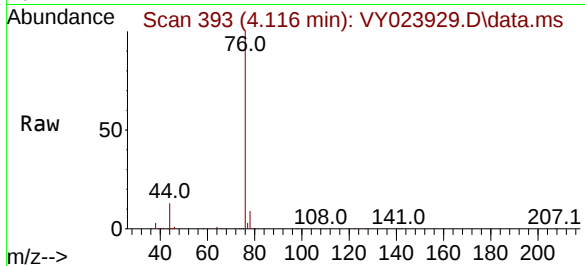




#17
Carbon Disulfide
Concen: 58.483 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

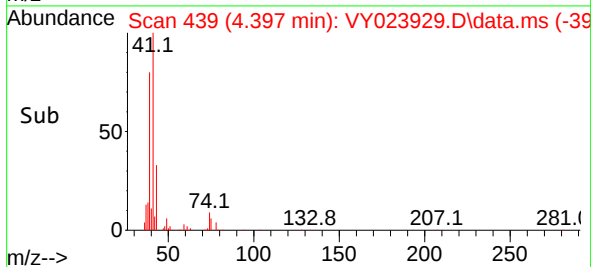
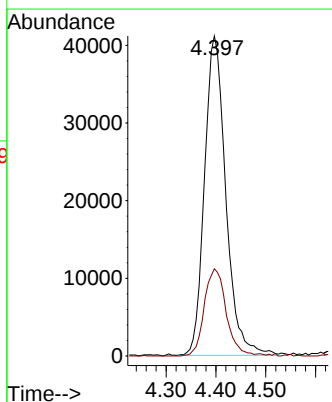
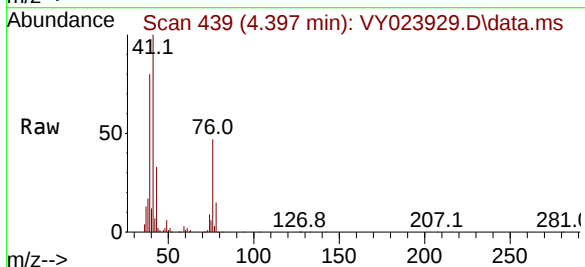
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

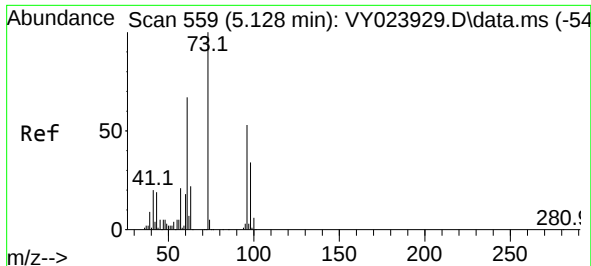
Tgt Ion: 76 Resp: 832565
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 51.647 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 43 Resp: 122043
Ion Ratio Lower Upper
43 100
74 28.2 22.6 33.8

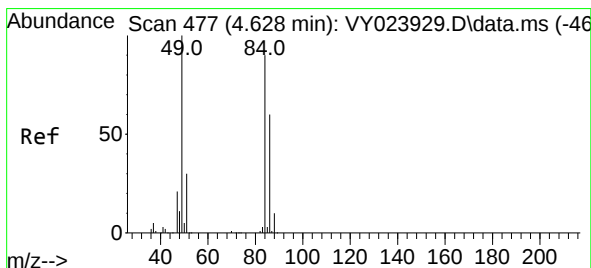
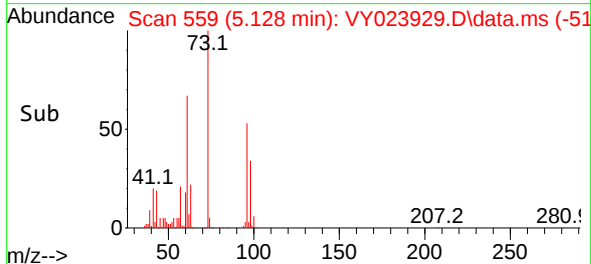
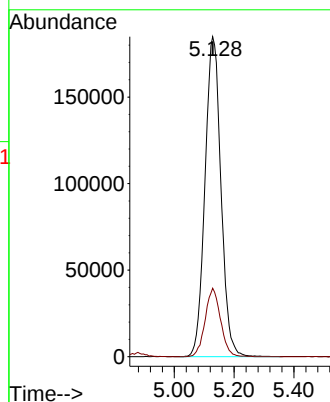
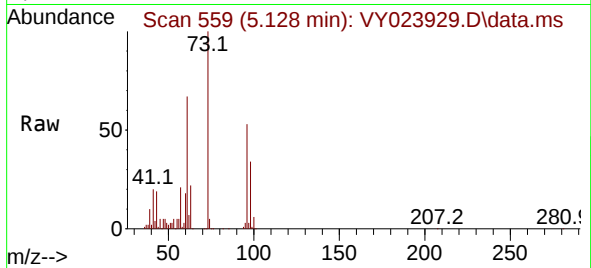




#19
Methyl tert-butyl Ether
Concen: 53.469 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

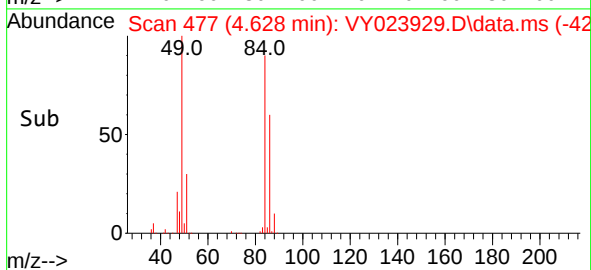
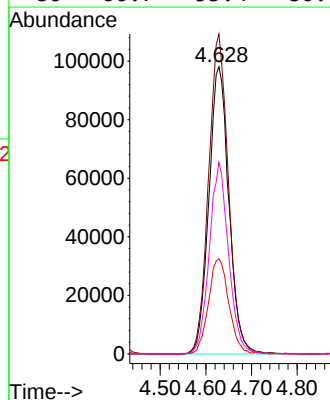
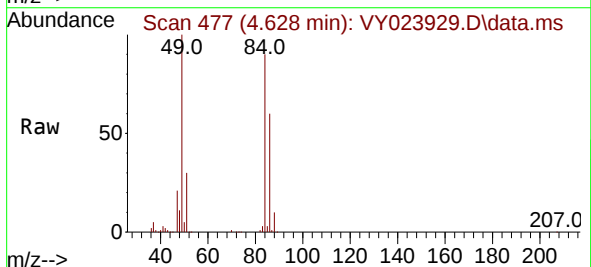
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

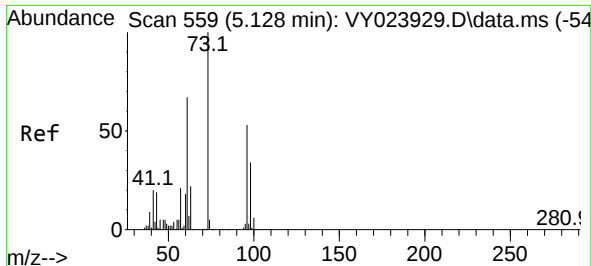
Tgt Ion: 73 Resp: 685441
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 48.497 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 84 Resp: 297983
Ion Ratio Lower Upper
84 100
49 111.4 89.1 133.7
51 33.2 26.6 39.8
86 66.7 53.4 80.0

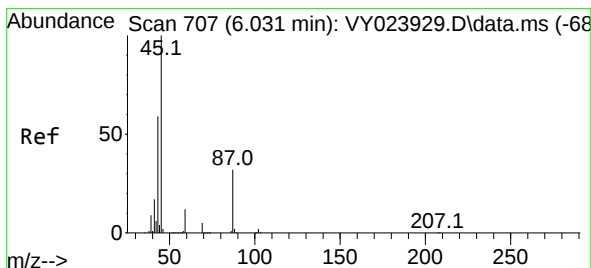
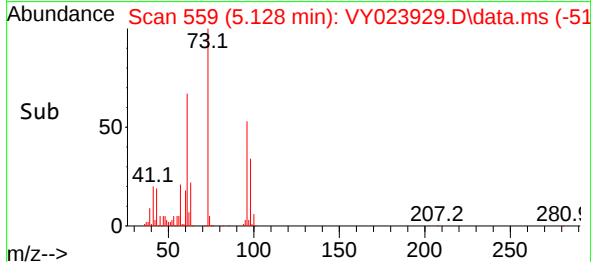
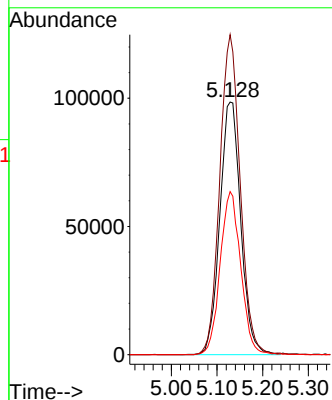
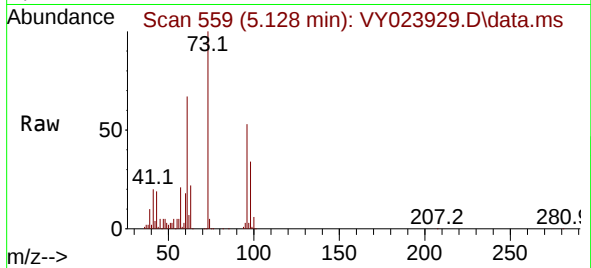




#21
trans-1,2-Dichloroethene
Concen: 53.323 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

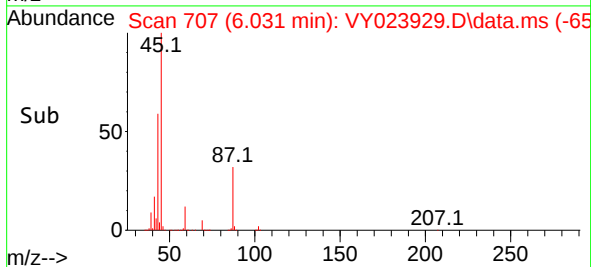
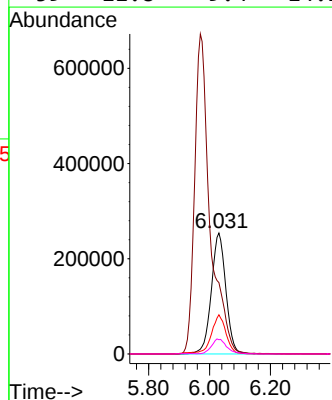
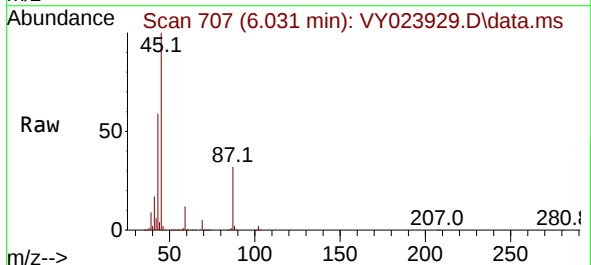
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

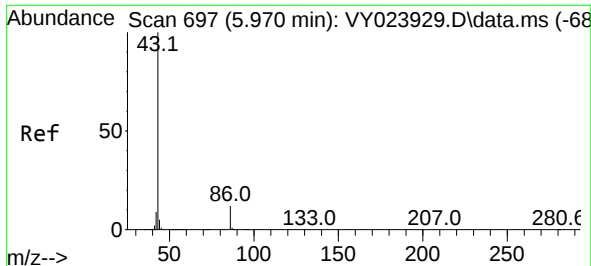
Tgt Ion: 96 Resp: 313800
Ion Ratio Lower Upper
96 100
61 126.7 101.4 152.0
98 64.6 51.7 77.5



#22
Diisopropyl ether
Concen: 53.933 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 45 Resp: 842372
Ion Ratio Lower Upper
45 100
43 58.8 47.0 70.6
87 32.5 26.0 39.0
59 11.8 9.4 14.2

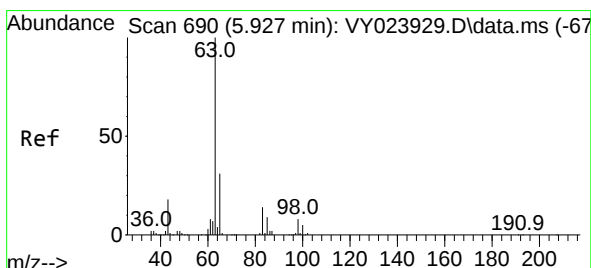
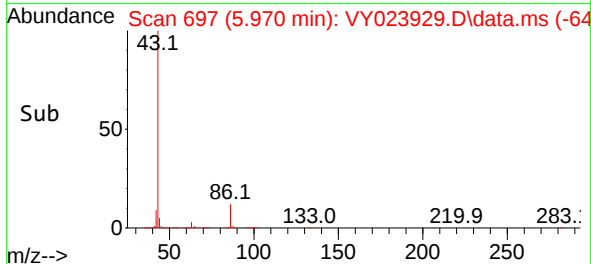
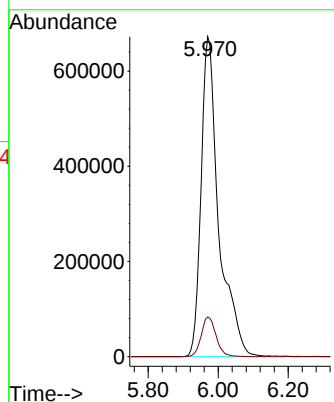
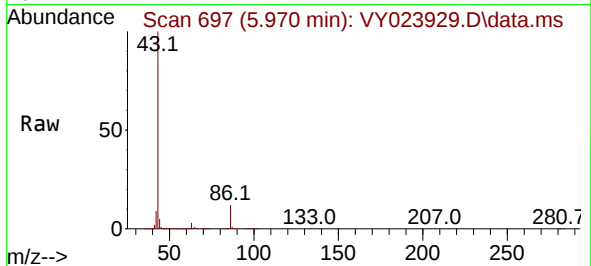




#23
 Vinyl Acetate
 Concen: 271.584 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

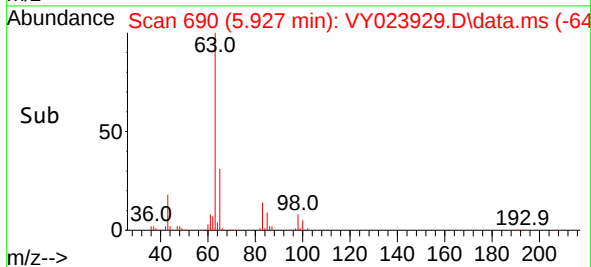
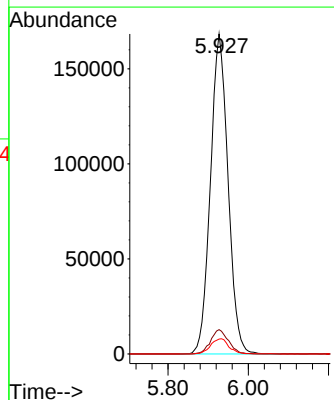
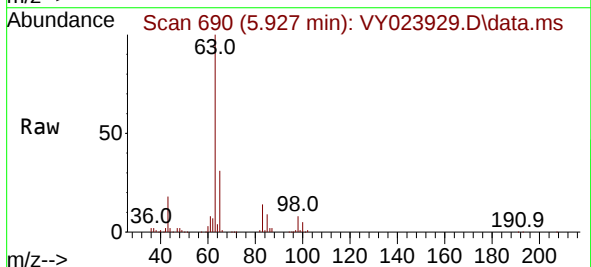
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

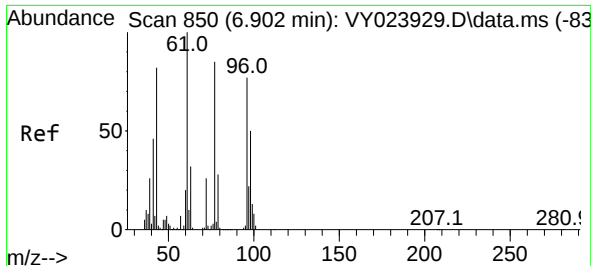
Tgt Ion: 43 Resp: 2356919
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 52.656 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

Tgt Ion: 63 Resp: 512623
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.6 2.3 6.9

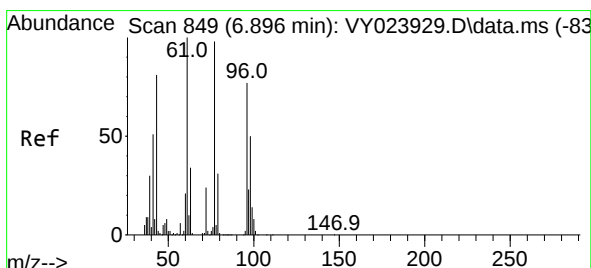
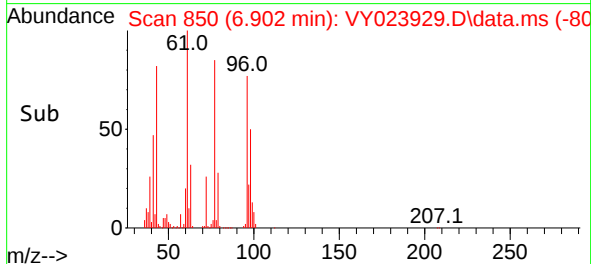
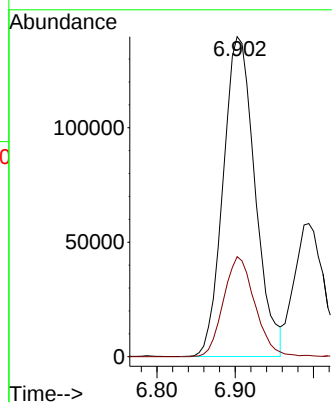
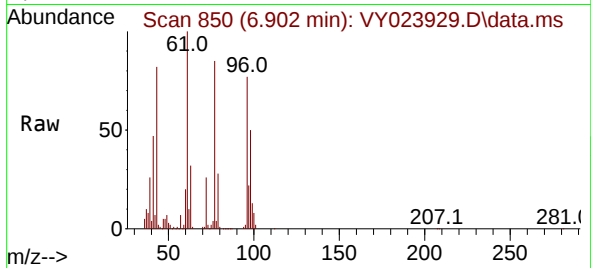




#25
2-Butanone
Concen: 245.237 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

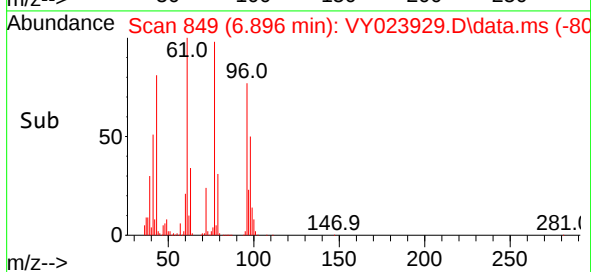
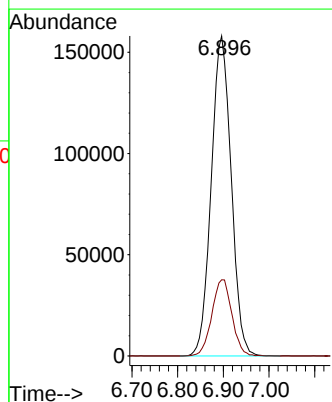
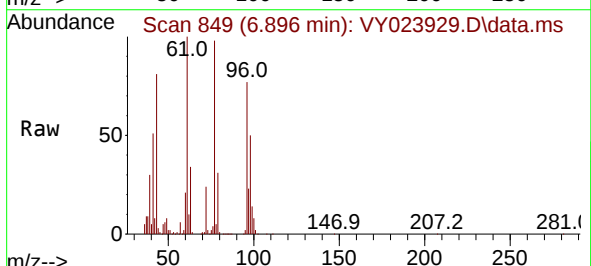
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

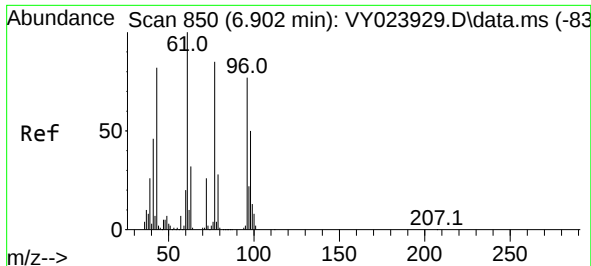
Tgt Ion: 43 Resp: 395826
Ion Ratio Lower Upper
43 100
72 31.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 52.752 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 77 Resp: 479511
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.9

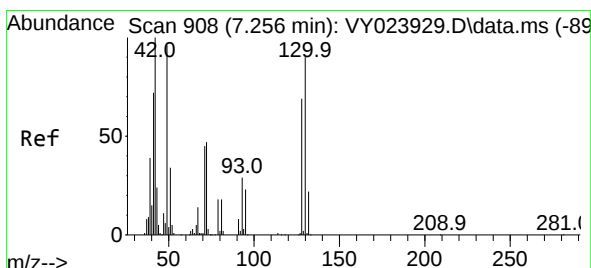
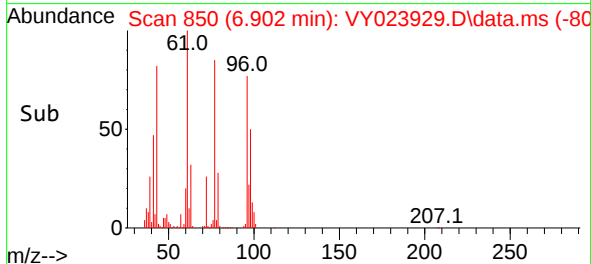
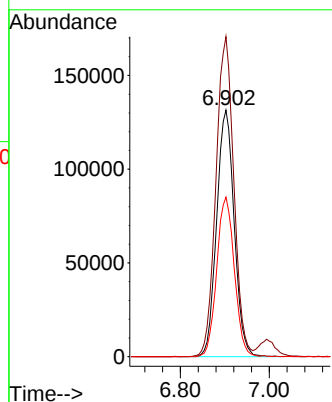
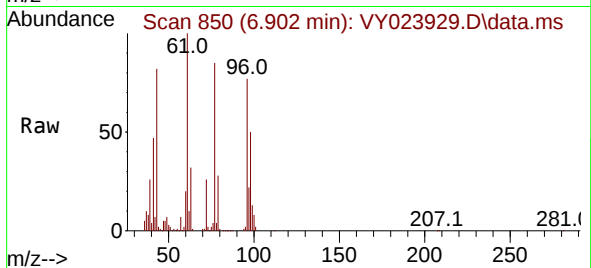




#27
cis-1,2-Dichloroethene
Concen: 53.330 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

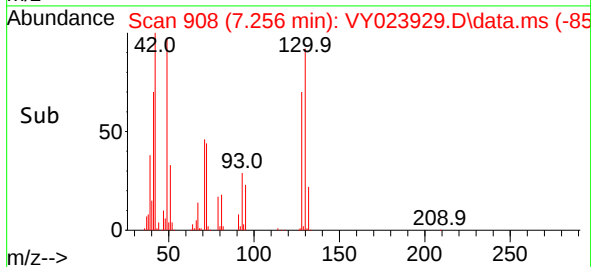
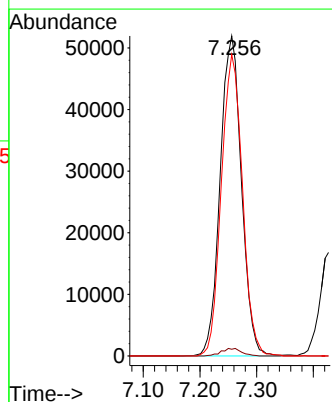
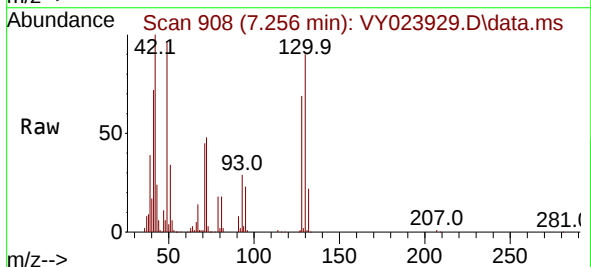
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

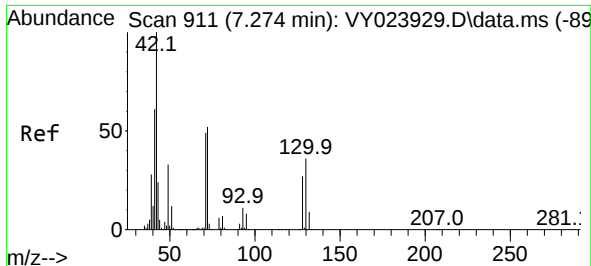
Tgt Ion: 96 Resp: 360279
Ion Ratio Lower Upper
96 100
61 132.3 0.0 264.6
98 64.8 0.0 129.6



#28
Bromochloromethane
Concen: 36.906 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 49 Resp: 135356
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 93.0 74.4 111.6





#29

Tetrahydrofuran

Concen: 265.708 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

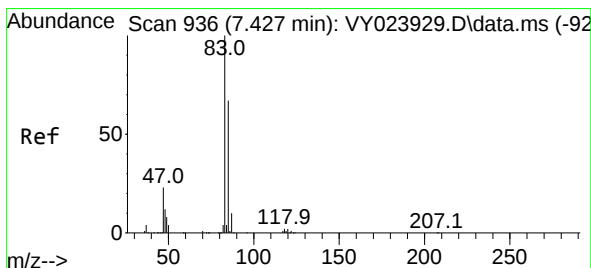
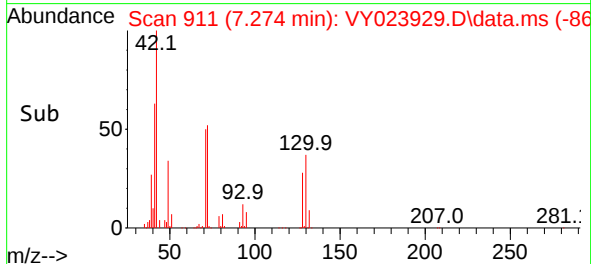
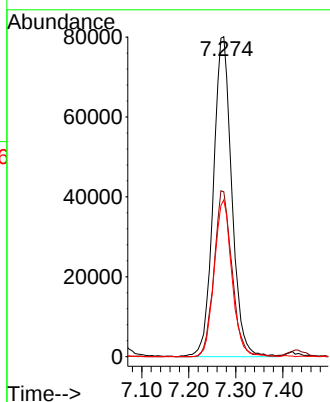
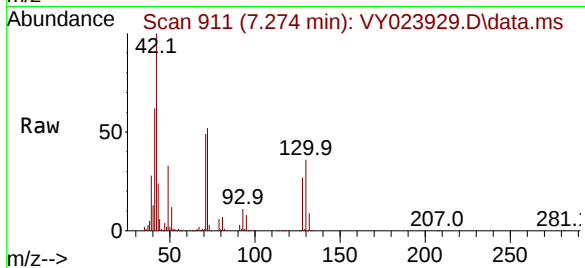
Tgt Ion: 42 Resp: 218721

Ion Ratio Lower Upper

42 100

72 50.0 40.0 60.0

71 47.1 37.7 56.5



#30

Chloroform

Concen: 52.108 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023929.D

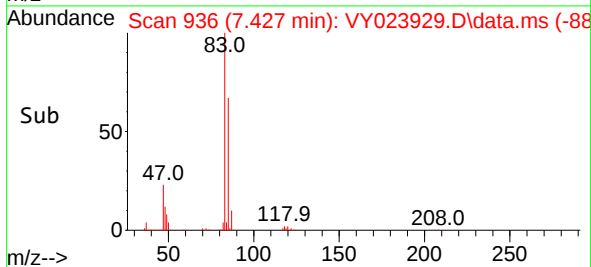
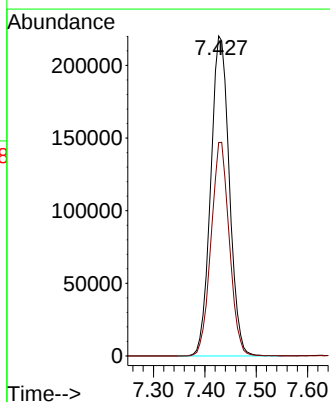
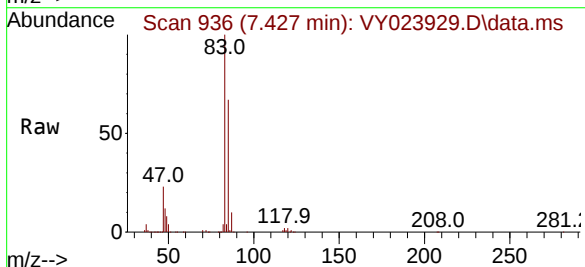
Acq: 10 Dec 2025 10:06

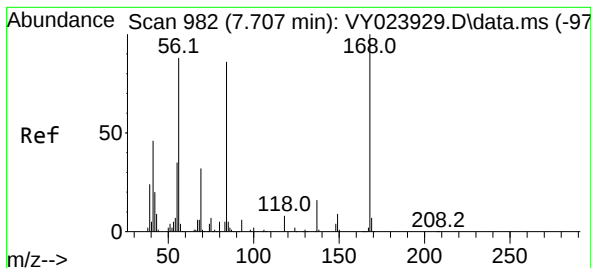
Tgt Ion: 83 Resp: 554126

Ion Ratio Lower Upper

83 100

85 66.7 53.4 80.0





#31

Cyclohexane

Concen: 53.334 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

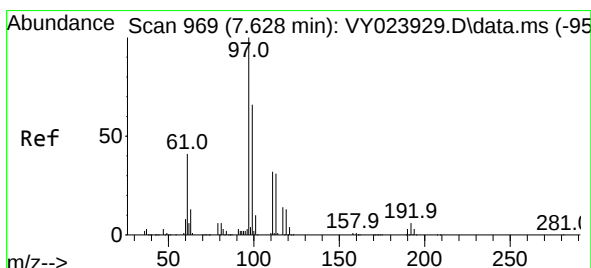
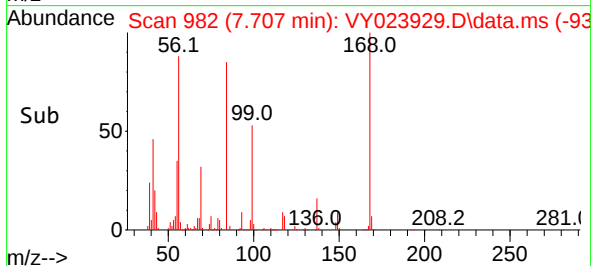
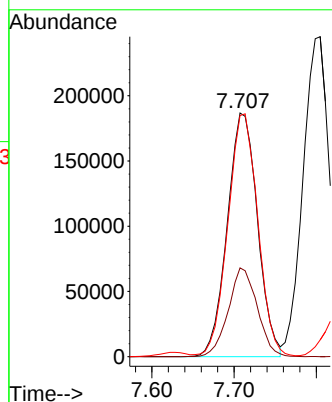
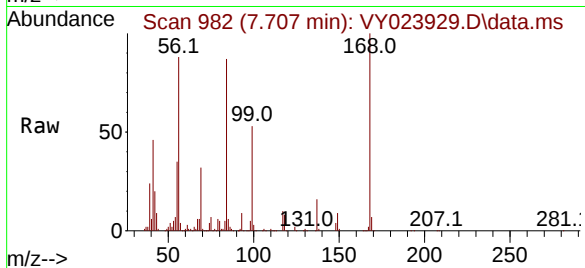
Tgt Ion: 56 Resp: 477708

Ion Ratio Lower Upper

56 100

69 36.4 29.1 43.7

84 97.3 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 52.703 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

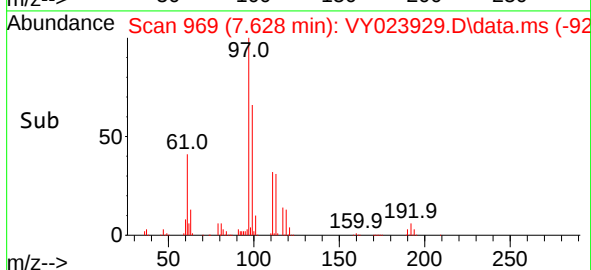
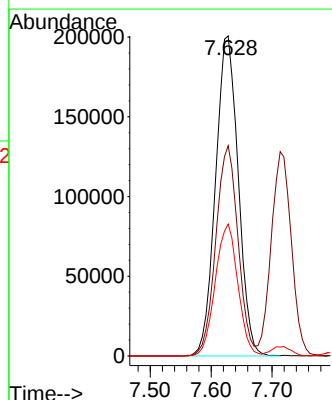
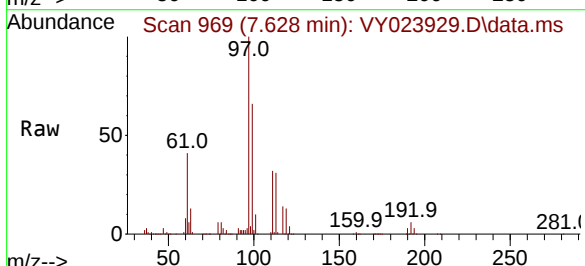
Tgt Ion: 97 Resp: 519726

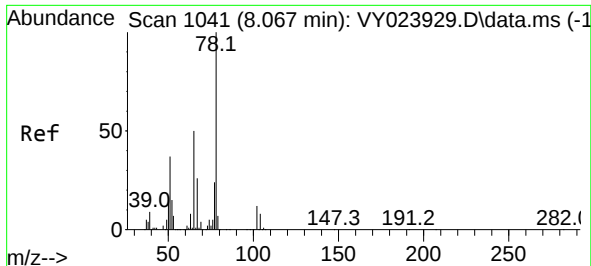
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 41.0 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 40.545 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

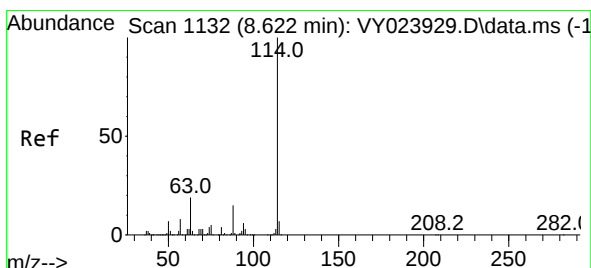
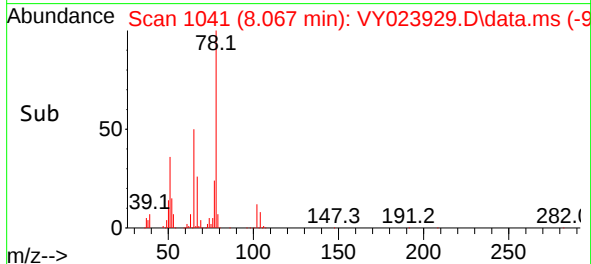
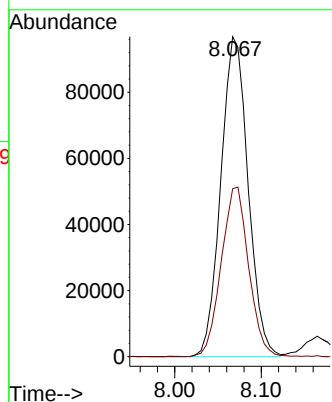
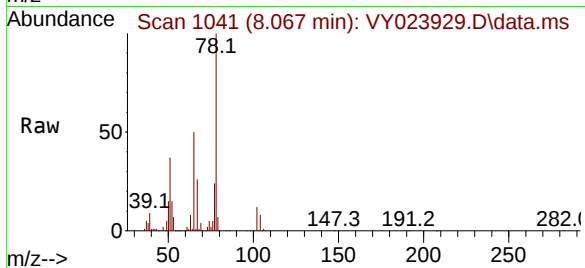
VSTDICCC050

Tgt Ion: 65 Resp: 211761

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

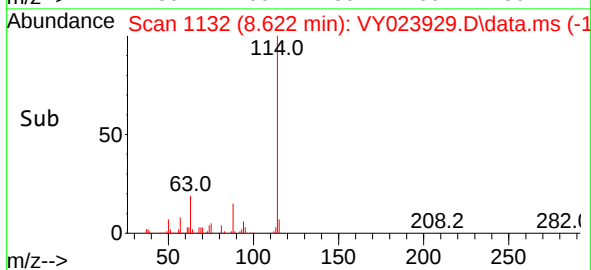
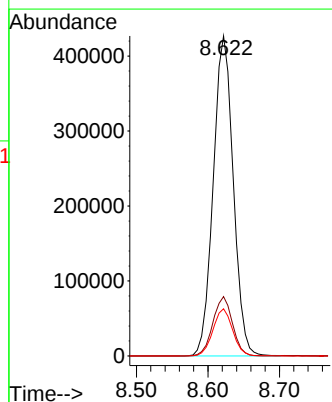
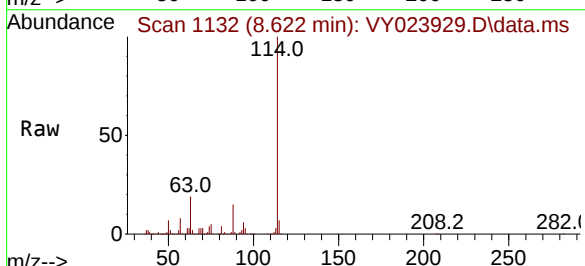
Tgt Ion: 114 Resp: 830437

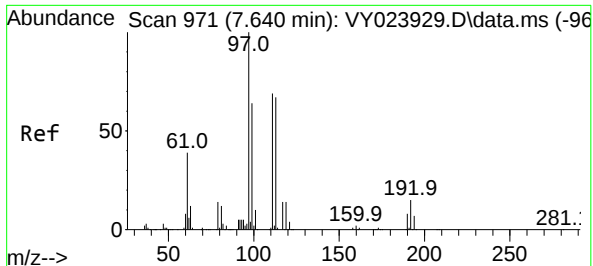
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.2

88 14.7 0.0 29.4

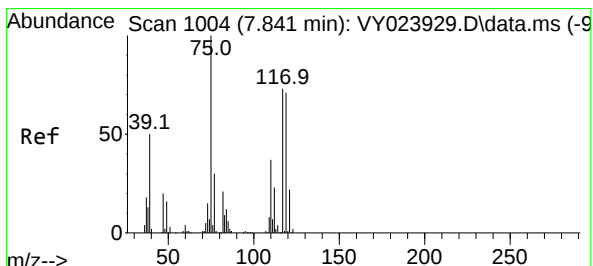
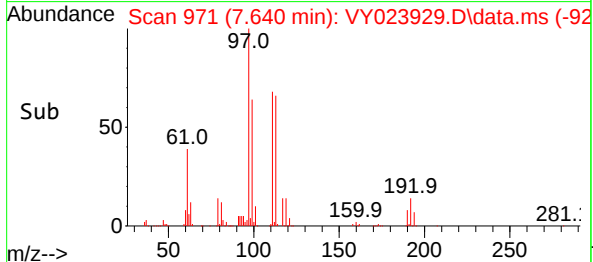
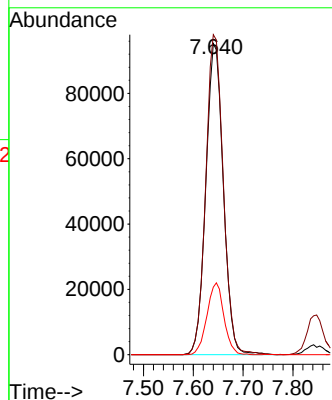
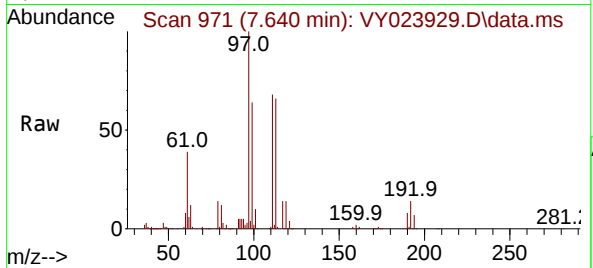




#35
Dibromofluoromethane
Concen: 42.713 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

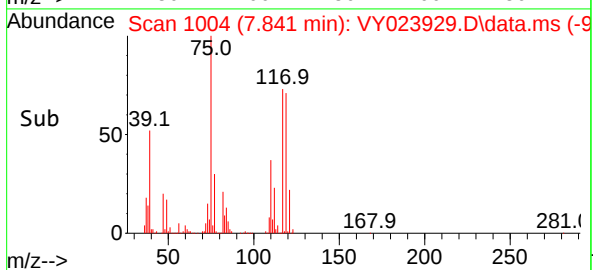
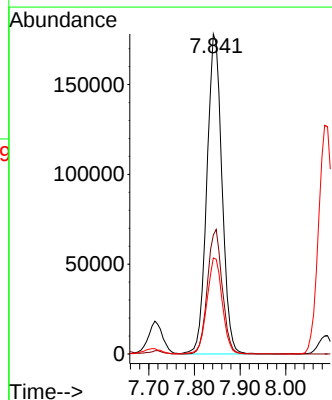
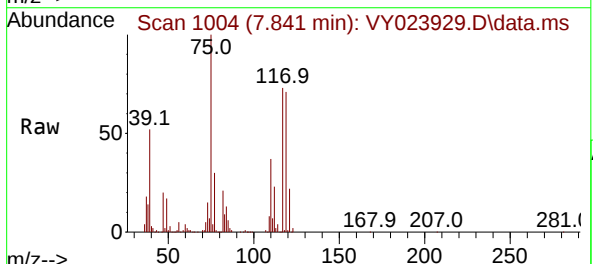
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

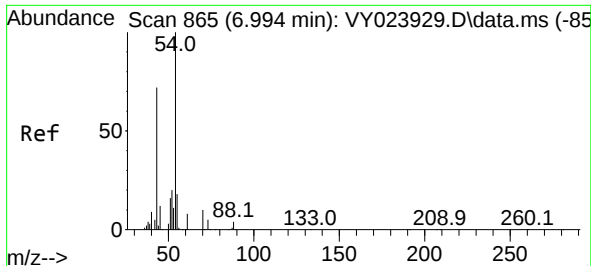
Tgt Ion:113 Resp: 231867
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 22.4 17.9 26.9



#36
1,1-Dichloropropene
Concen: 55.254 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 75 Resp: 408348
Ion Ratio Lower Upper
75 100
110 38.4 19.2 57.6
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 53.432 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

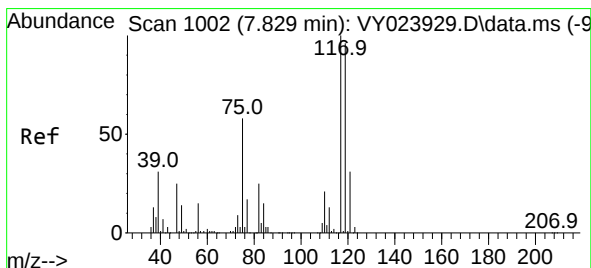
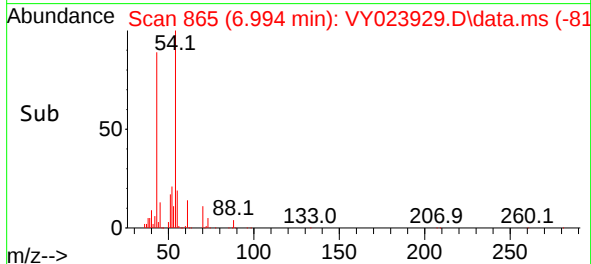
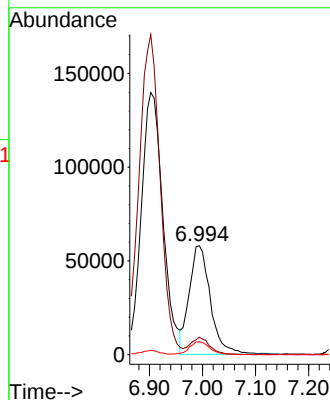
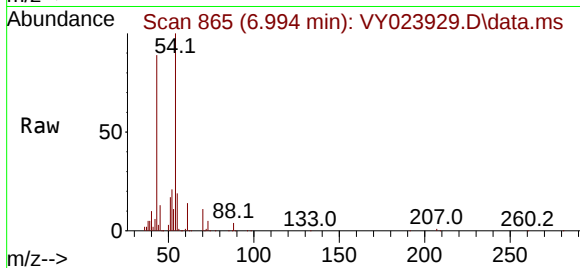
Tgt Ion: 43 Resp: 160801

Ion Ratio Lower Upper

43 100

61 14.9 11.9 17.9

70 11.5 9.2 13.8



#38

Carbon Tetrachloride

Concen: 53.873 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

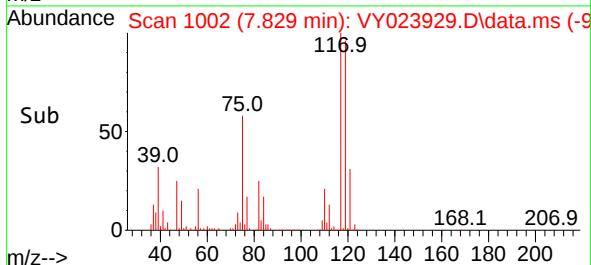
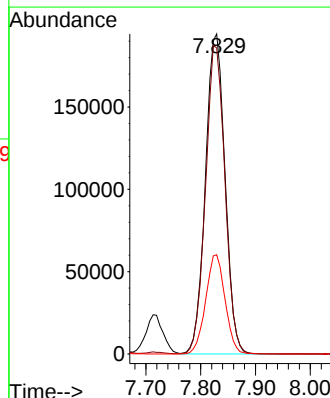
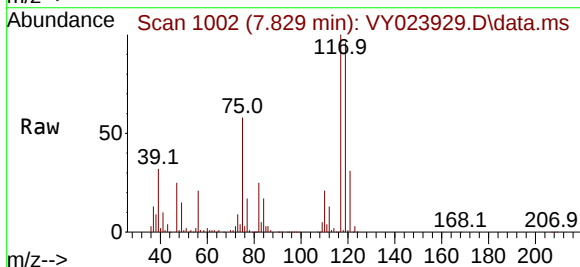
Tgt Ion: 117 Resp: 482584

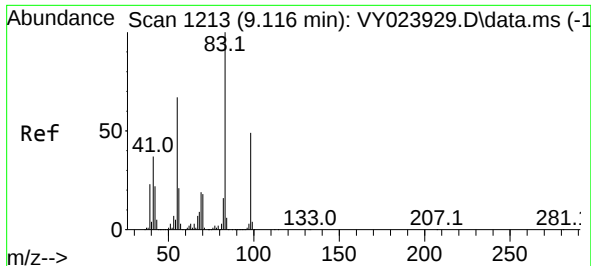
Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 56.663 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

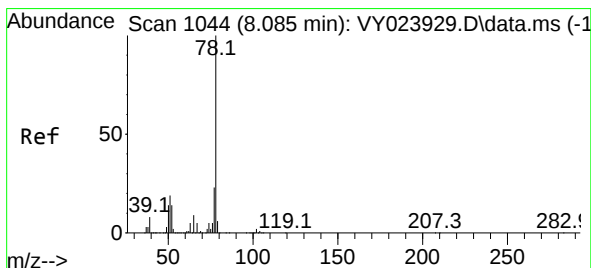
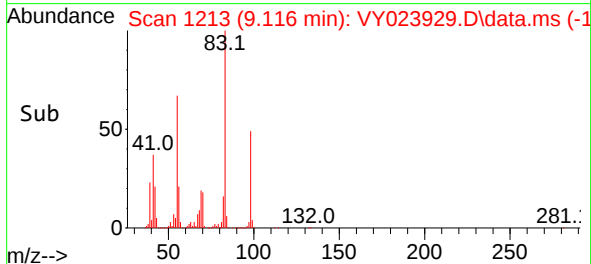
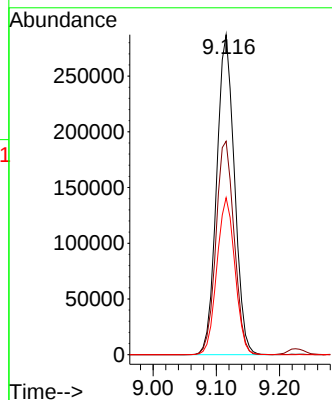
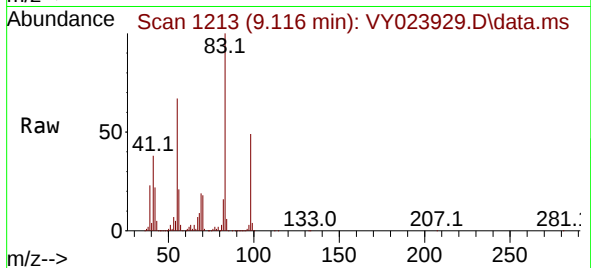
Tgt Ion: 83 Resp: 559473

Ion Ratio Lower Upper

83 100

55 66.7 53.4 80.0

98 49.0 39.2 58.8



#40

Benzene

Concen: 54.272 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023929.D

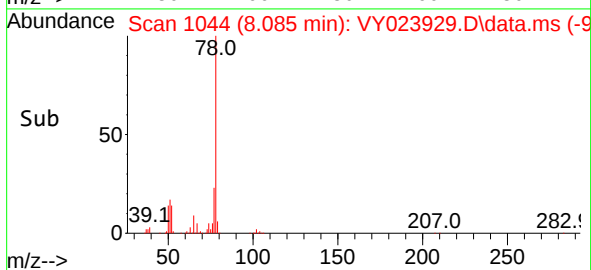
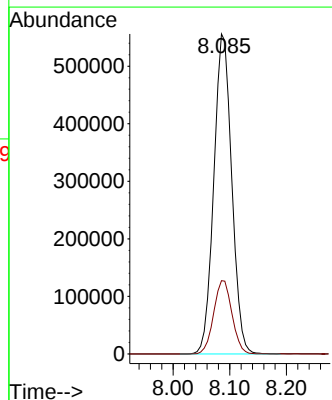
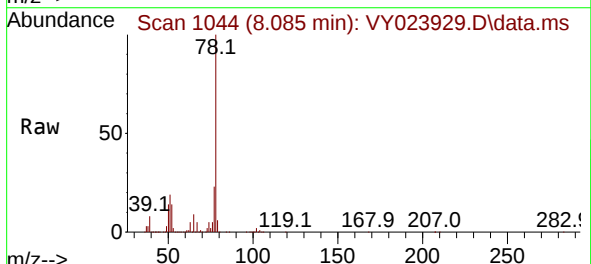
Acq: 10 Dec 2025 10:06

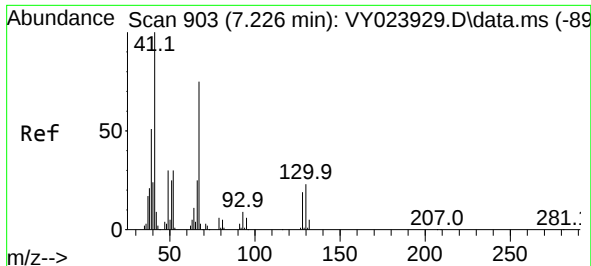
Tgt Ion: 78 Resp: 1221410

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5

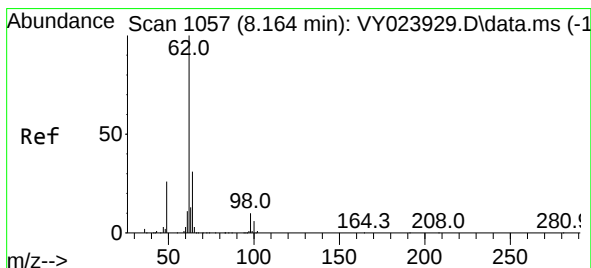
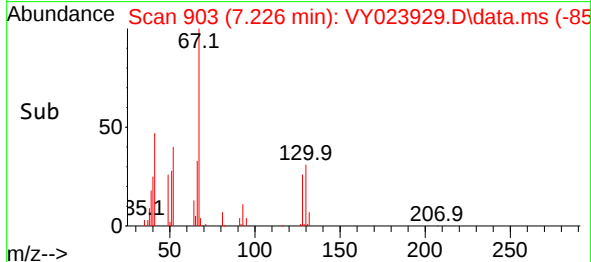
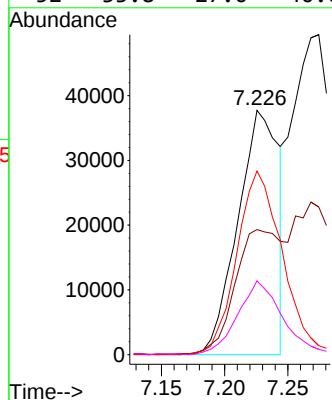
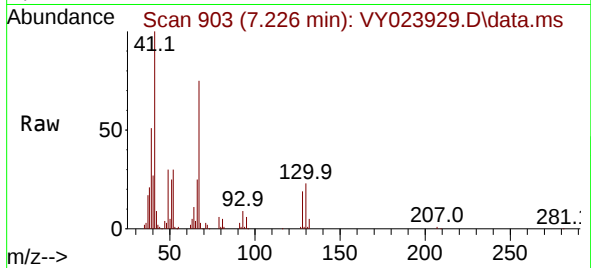




#41
Methacrylonitrile
Concen: 51.330 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

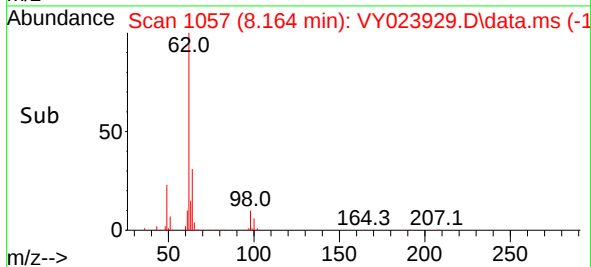
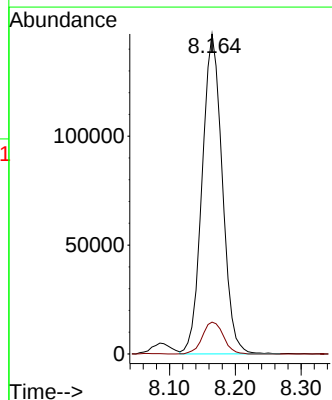
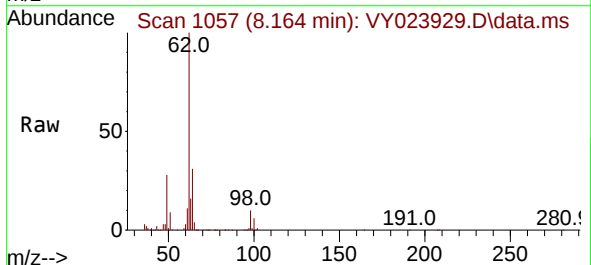
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

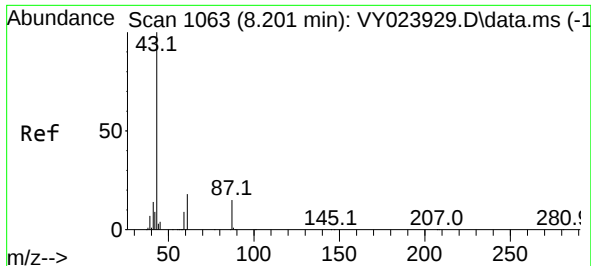
Tgt Ion: 41 Resp: 84980
Ion Ratio Lower Upper
41 100
39 63.2 50.6 75.8
67 85.0 68.0 102.0
52 33.8 27.0 40.6



#42
1,2-Dichloroethane
Concen: 52.959 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 62 Resp: 312553
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8

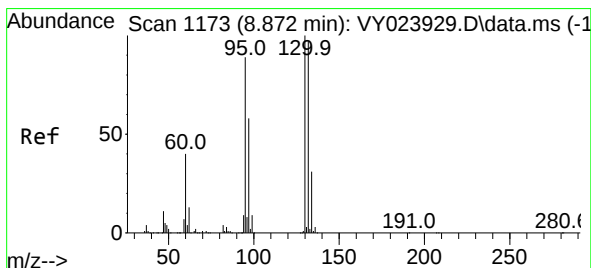
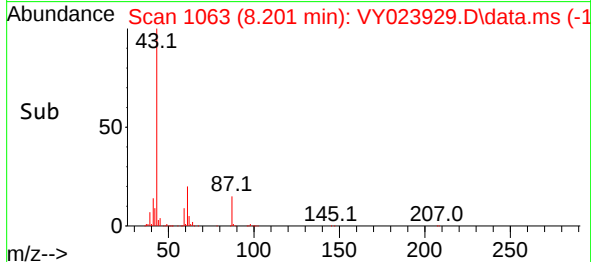
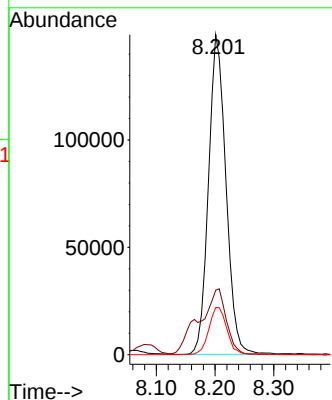
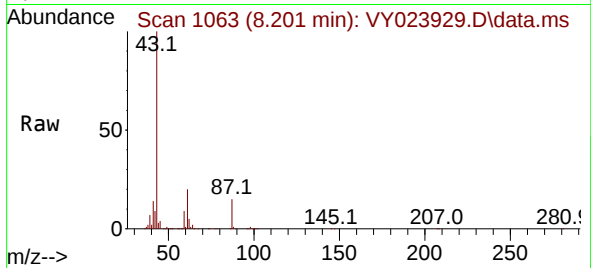




#43
Isopropyl Acetate
Concen: 54.207 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

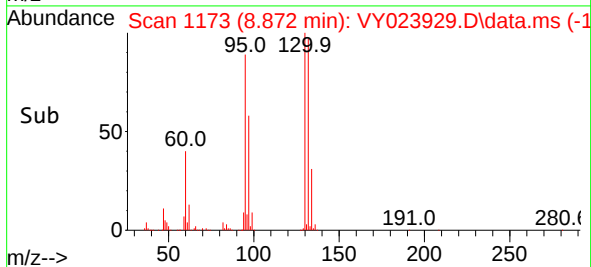
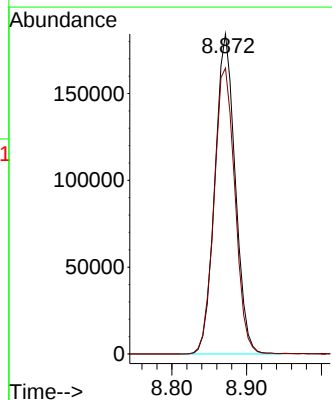
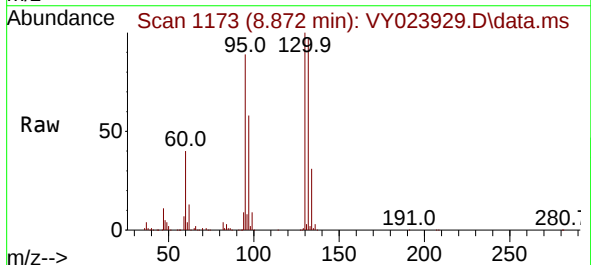
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

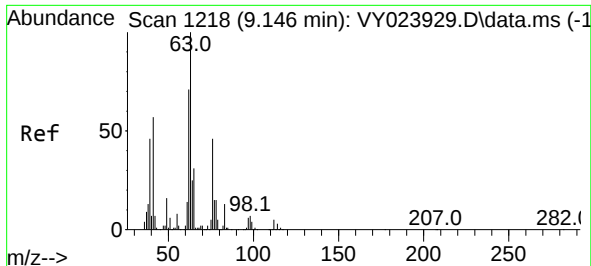
Tgt Ion: 43 Resp: 307239
Ion Ratio Lower Upper
43 100
61 21.8 17.4 26.2
87 15.4 12.3 18.5



#44
Trichloroethene
Concen: 53.425 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion:130 Resp: 348631
Ion Ratio Lower Upper
130 100
95 89.4 0.0 178.8





#45

1,2-Dichloropropane

Concen: 53.327 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

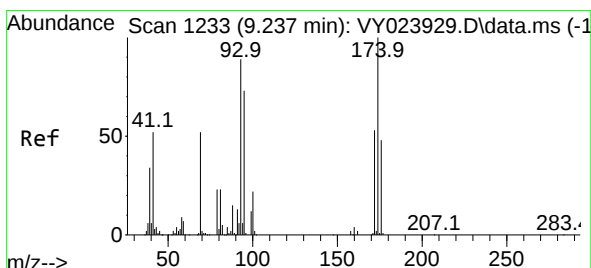
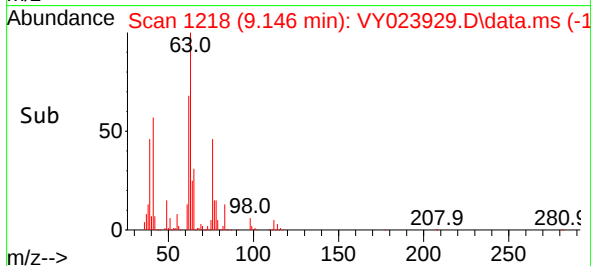
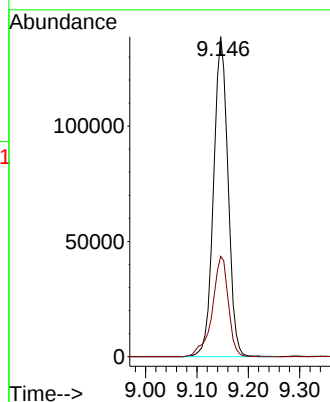
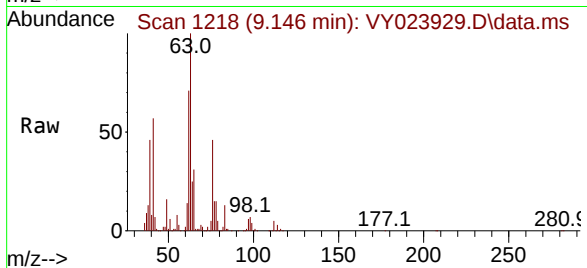
VSTDICCC050

Tgt Ion: 63 Resp: 270785

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 53.708 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

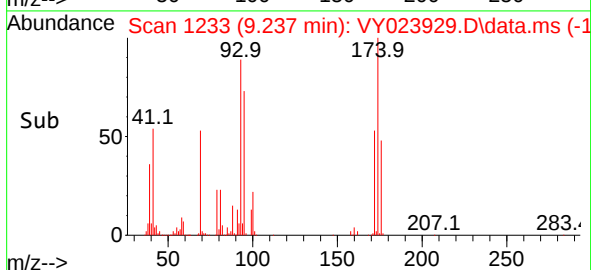
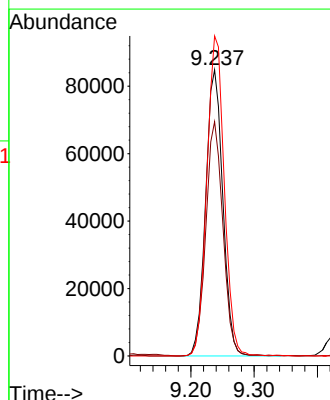
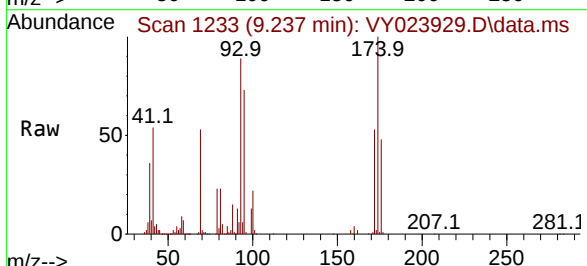
Tgt Ion: 93 Resp: 160626

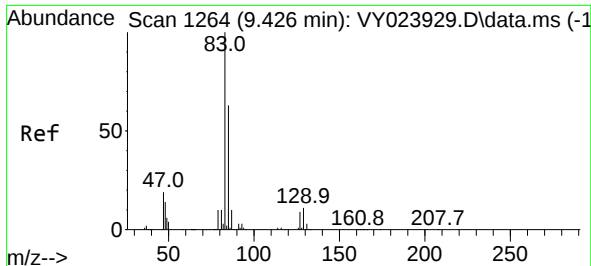
Ion Ratio Lower Upper

93 100

95 81.4 65.1 97.7

174 113.3 90.6 136.0

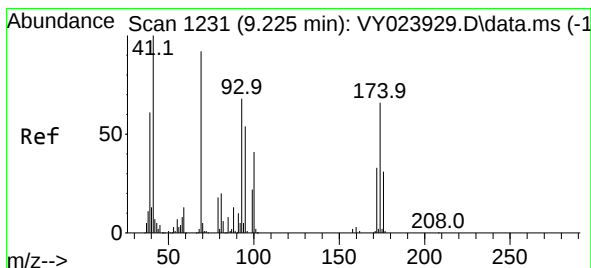
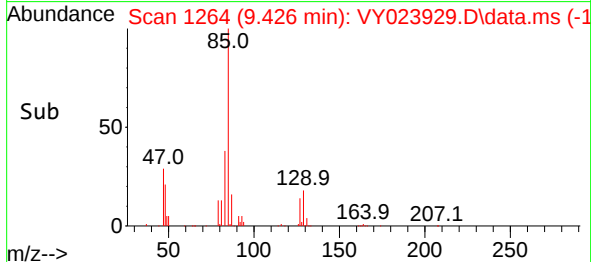
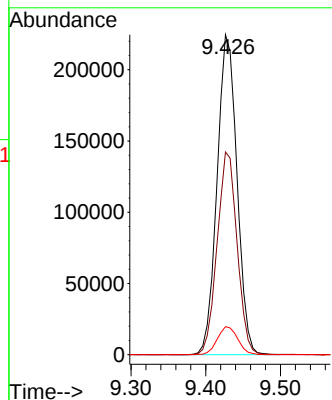
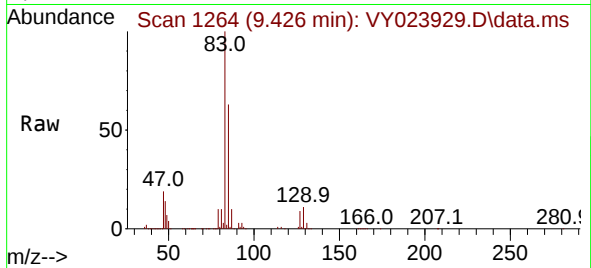




#47
Bromodichloromethane
Concen: 52.989 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

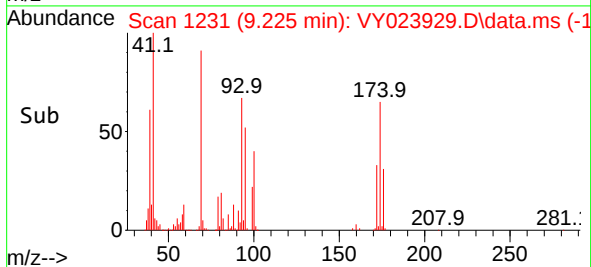
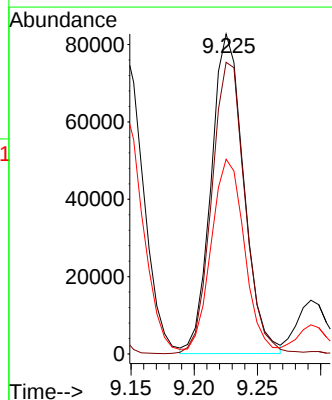
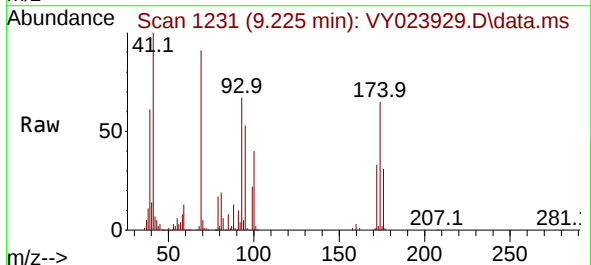
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

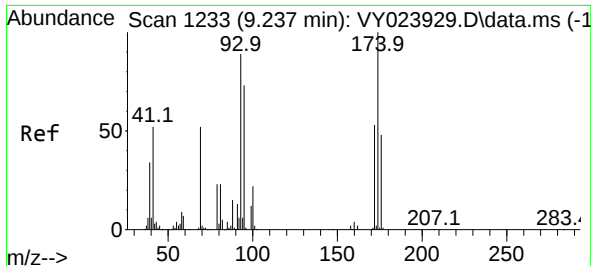
Tgt Ion: 83 Resp: 416896
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 56.386 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 41 Resp: 148779
Ion Ratio Lower Upper
41 100
69 93.4 74.7 112.1
39 59.3 47.4 71.2





#49

1,4-Dioxane

Concen: 1042.937 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

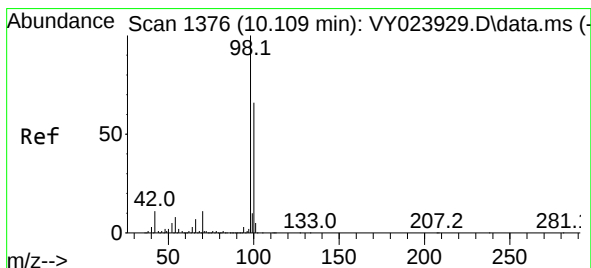
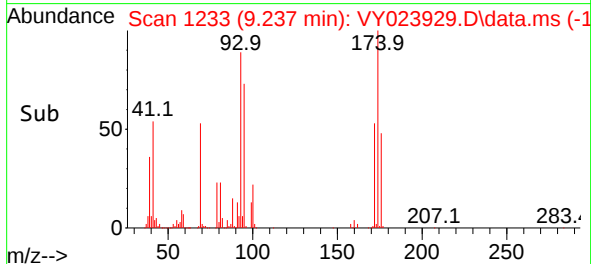
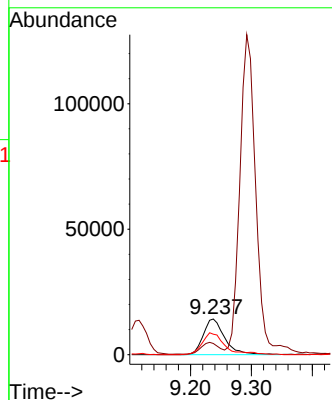
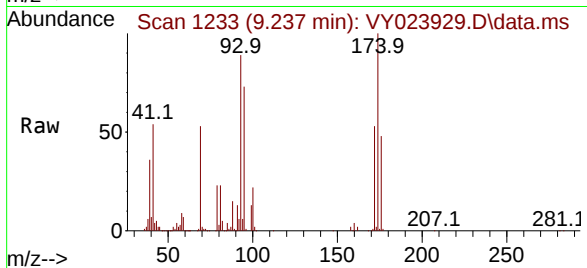
Tgt Ion: 88 Resp: 34773

Ion Ratio Lower Upper

88 100

43 27.9 22.3 33.5

58 65.4 52.3 78.5



#50

Toluene-d8

Concen: 42.970 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023929.D

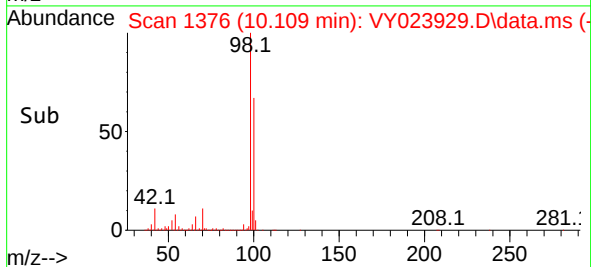
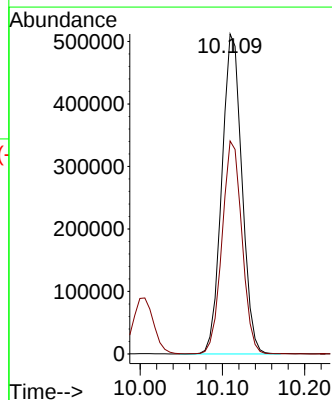
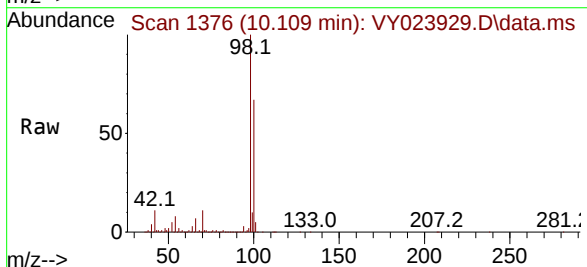
Acq: 10 Dec 2025 10:06

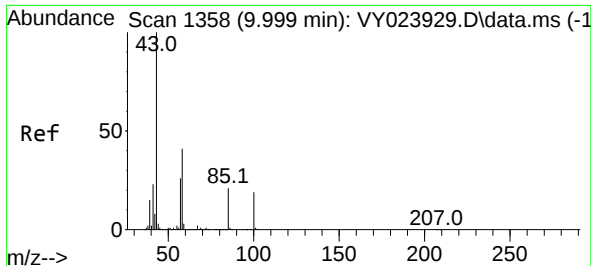
Tgt Ion: 98 Resp: 868450

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2

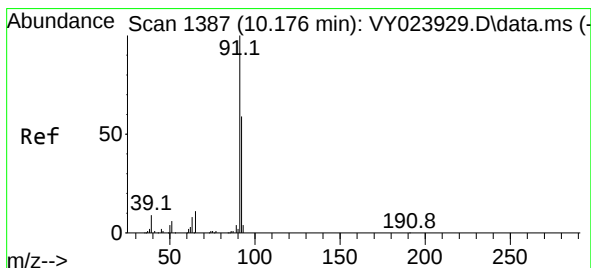
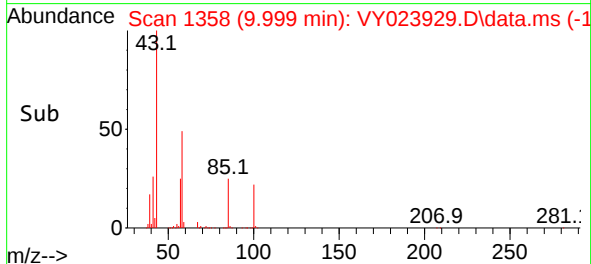
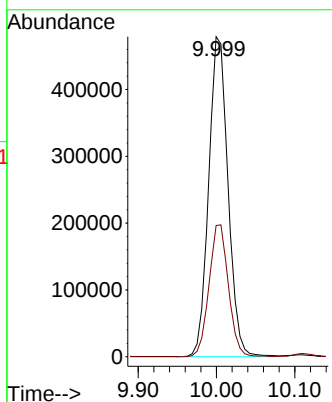
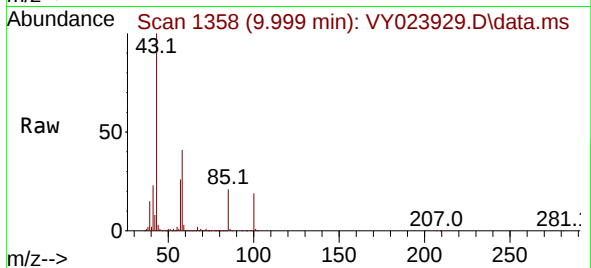




#51
4-Methyl-2-Pentanone
Concen: 273.294 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

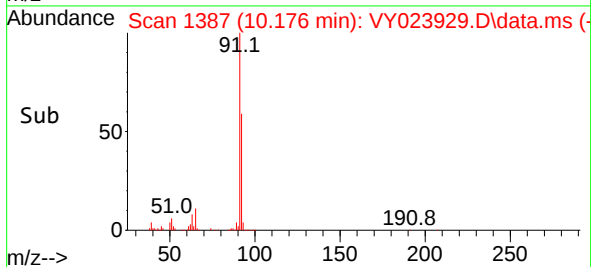
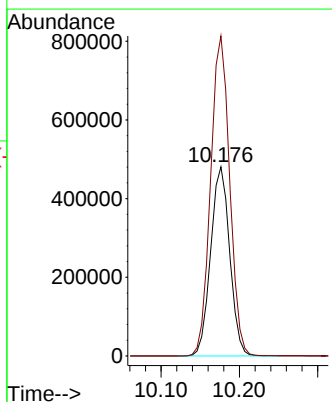
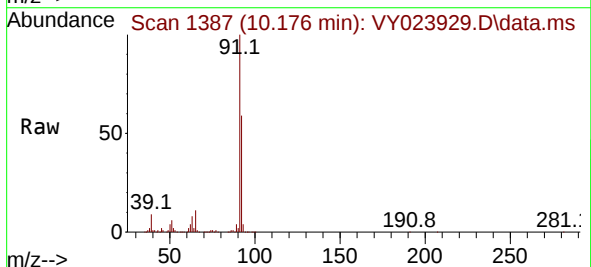
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

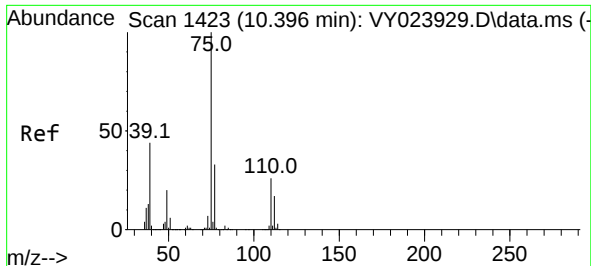
Tgt Ion: 43 Resp: 820713
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7



#52
Toluene
Concen: 54.470 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 92 Resp: 811186
Ion Ratio Lower Upper
92 100
91 169.7 135.8 203.6

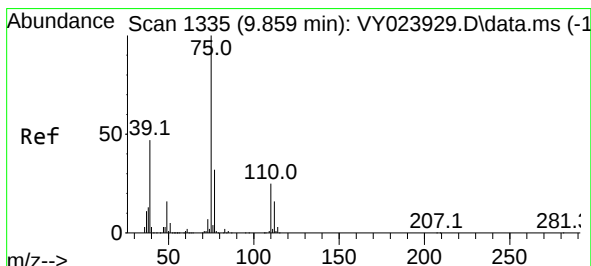
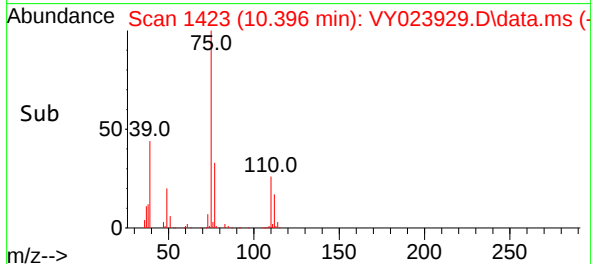
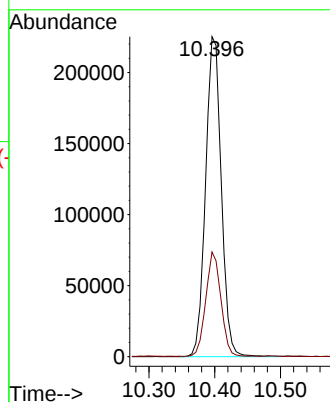
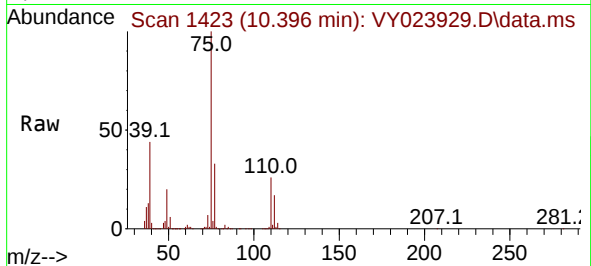




#53
 t-1,3-Dichloropropene
 Concen: 55.015 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

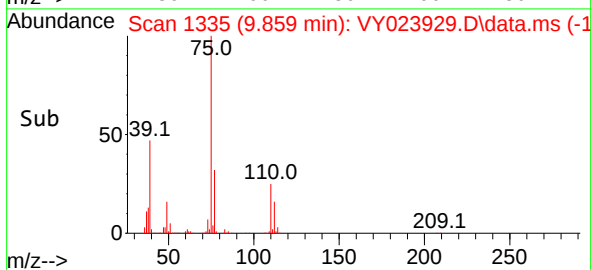
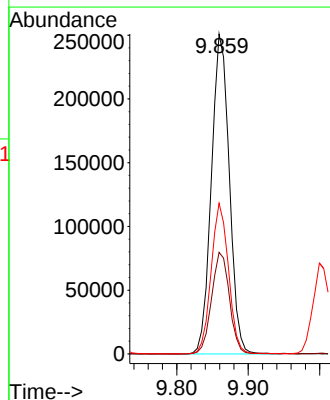
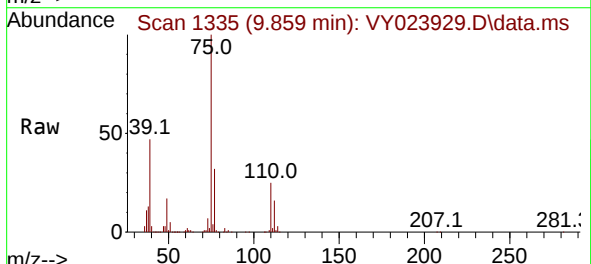
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

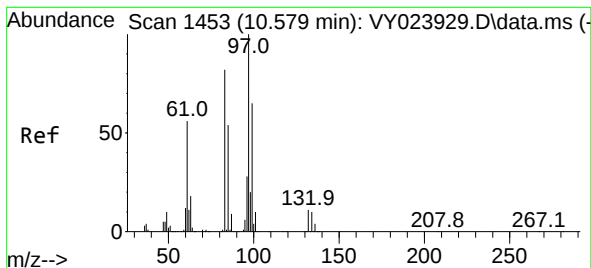
Tgt Ion: 75 Resp: 374044
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.499 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

Tgt Ion: 75 Resp: 436629
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 47.0 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 52.536 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 216254

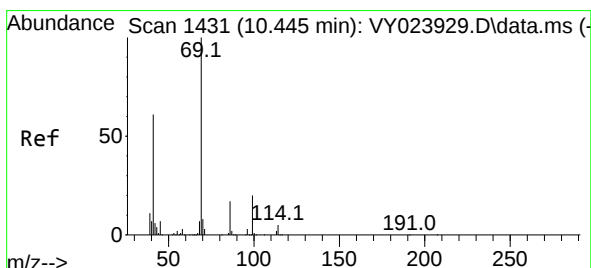
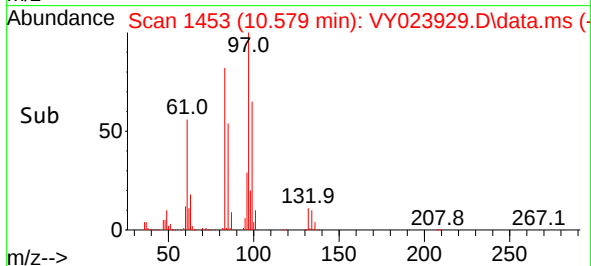
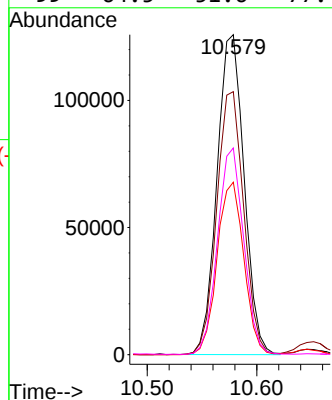
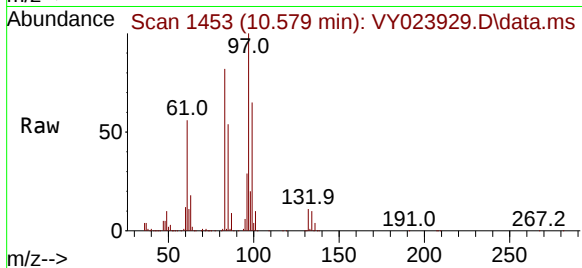
Ion Ratio Lower Upper

97 100

83 82.2 65.8 98.6

85 53.9 43.1 64.7

99 64.5 51.6 77.4



#56

Ethyl methacrylate

Concen: 55.939 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

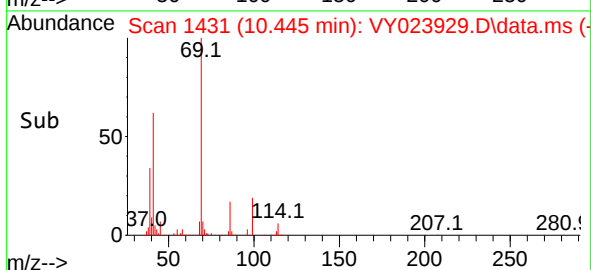
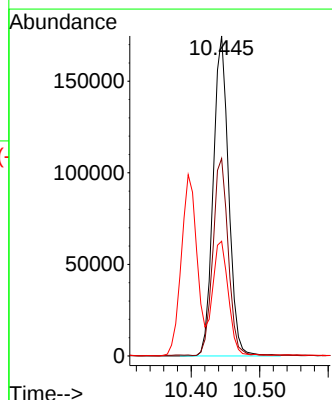
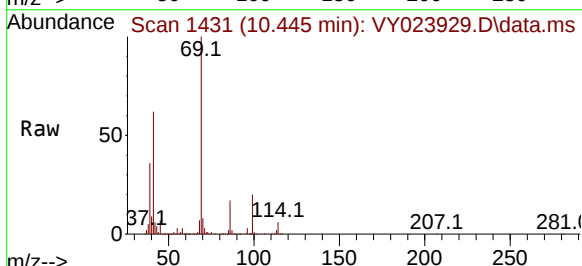
Tgt Ion: 69 Resp: 272973

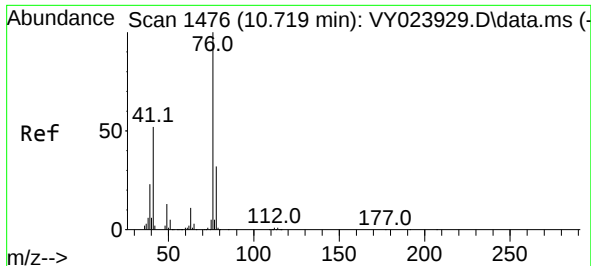
Ion Ratio Lower Upper

69 100

41 61.2 49.0 73.4

39 36.4 29.1 43.7





#57

1,3-Dichloropropane

Concen: 53.524 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

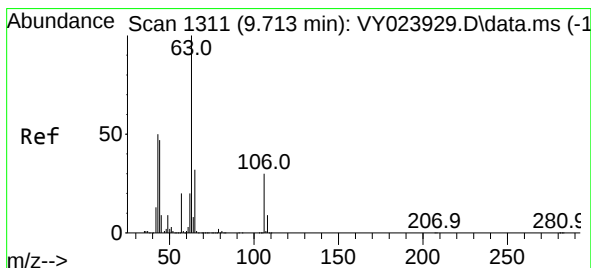
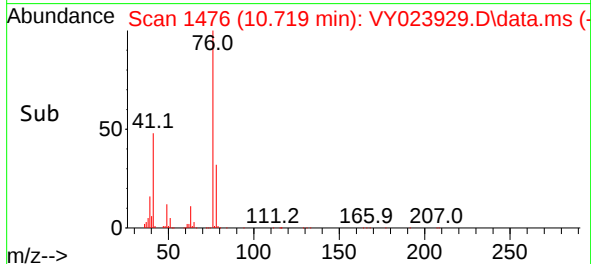
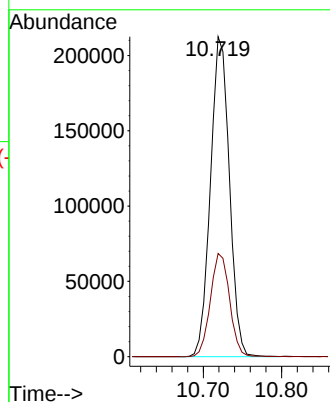
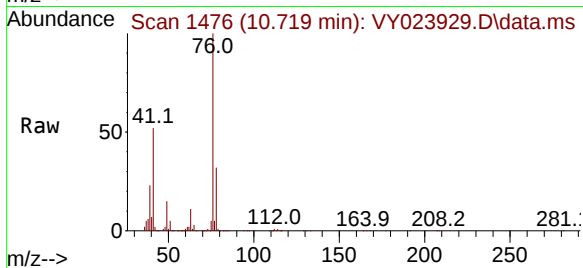
VSTDICCC050

Tgt Ion: 76 Resp: 356337

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 253.119 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023929.D

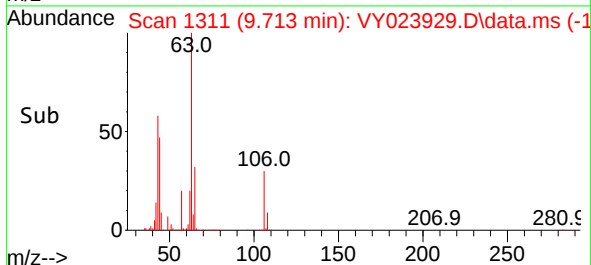
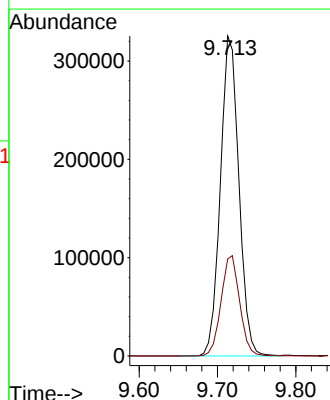
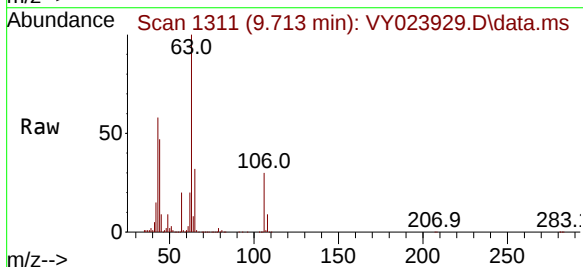
Acq: 10 Dec 2025 10:06

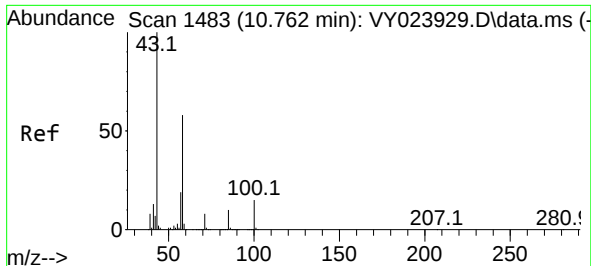
Tgt Ion: 63 Resp: 535034

Ion Ratio Lower Upper

63 100

106 31.5 25.2 37.8

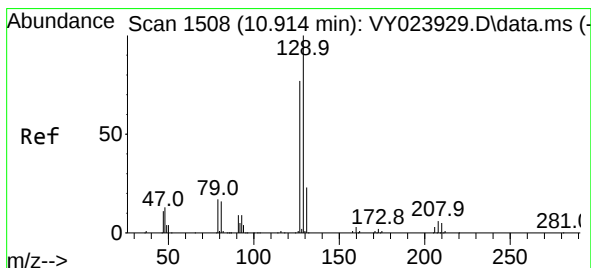
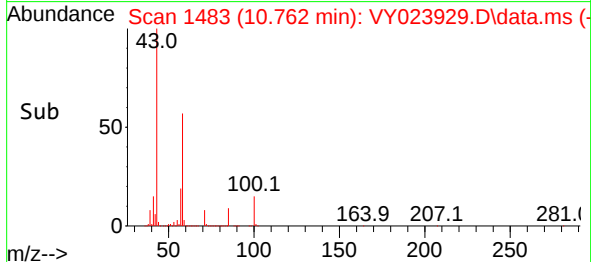
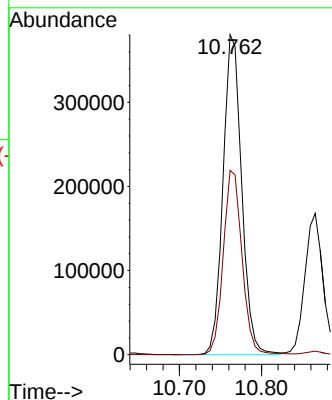
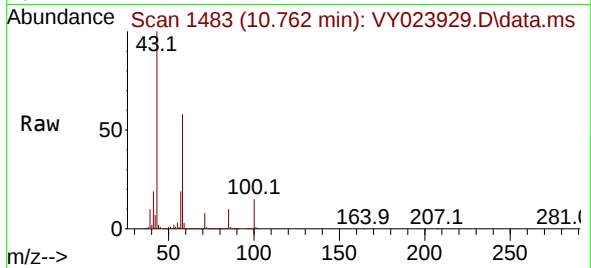




#59
2-Hexanone
Concen: 263.452 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

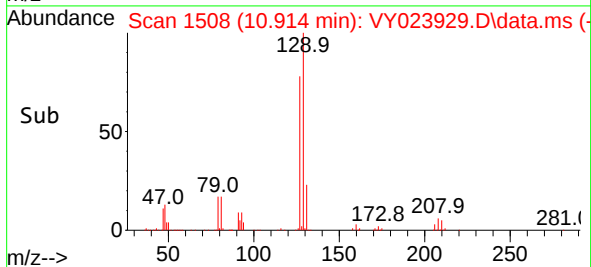
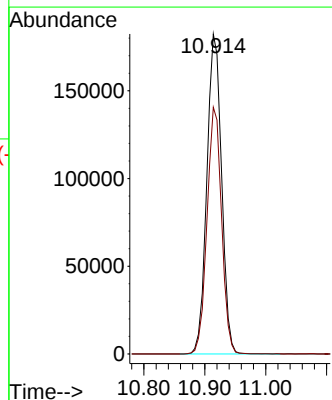
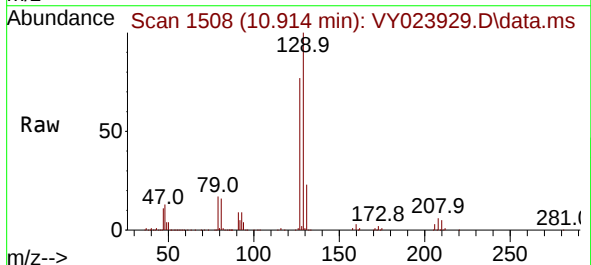
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

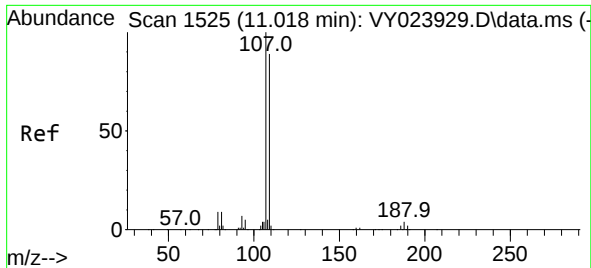
Tgt Ion: 43 Resp: 600454
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 53.647 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 129 Resp: 305733
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5

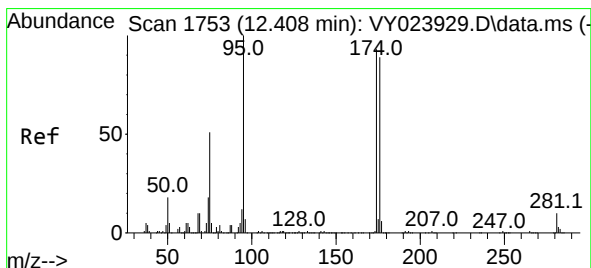
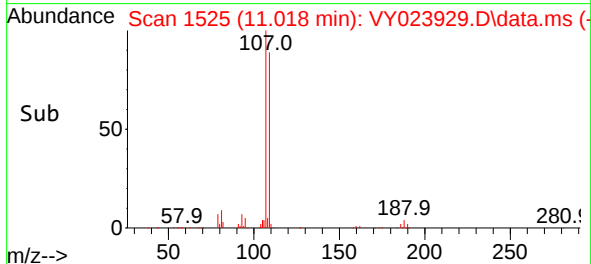
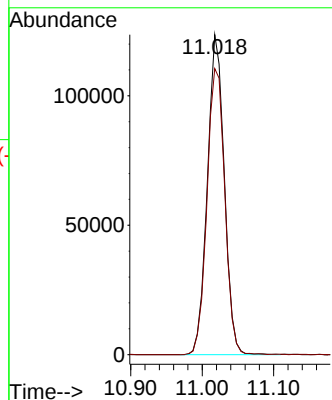
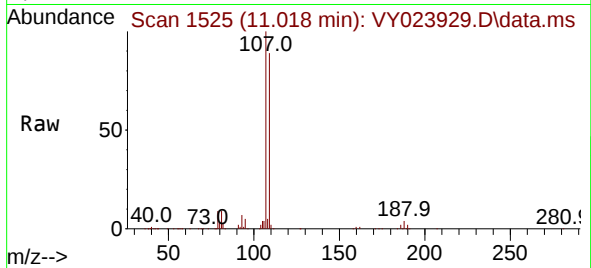




#61
1,2-Dibromoethane
Concen: 53.358 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

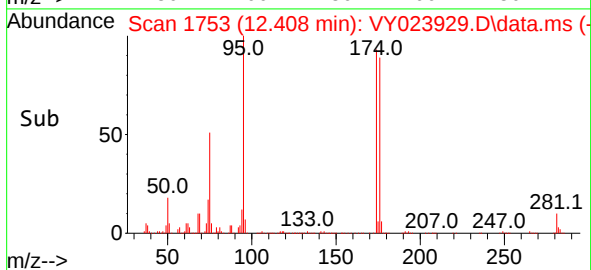
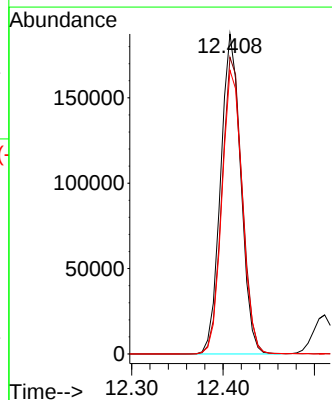
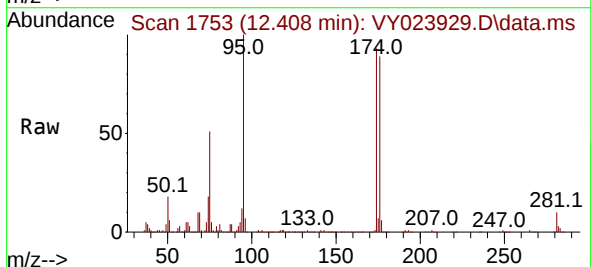
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

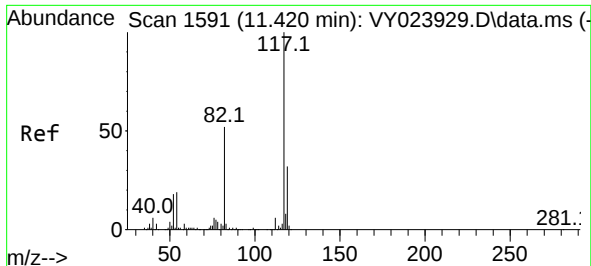
Tgt Ion:107 Resp: 203526
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 42.541 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 95 Resp: 287131
Ion Ratio Lower Upper
95 100
174 93.7 0.0 187.4
176 89.8 0.0 179.6

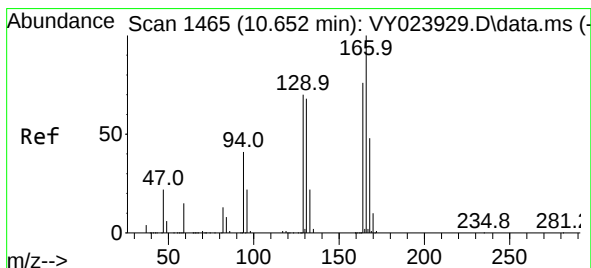
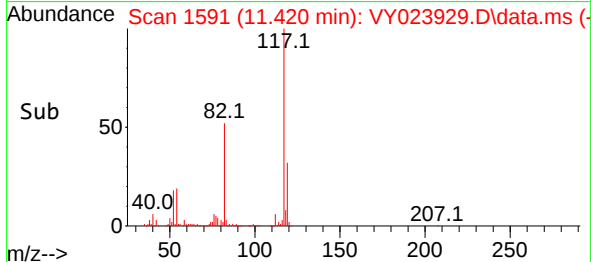
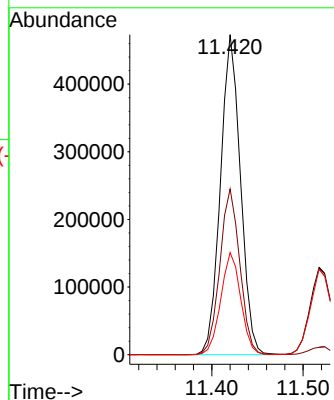
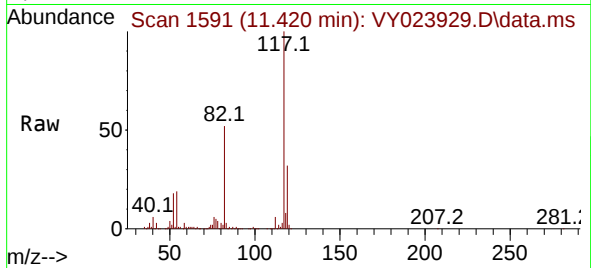




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

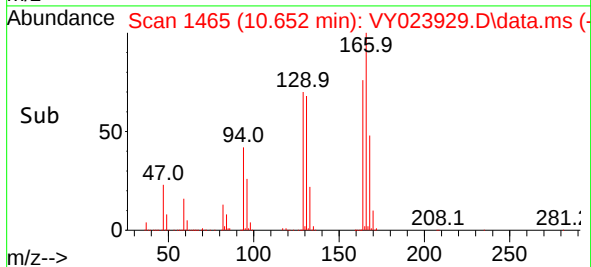
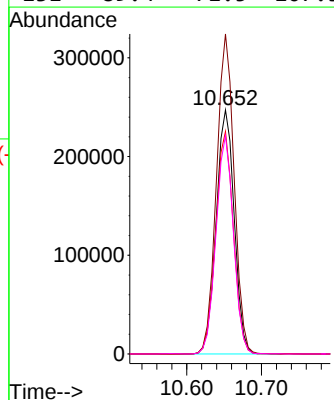
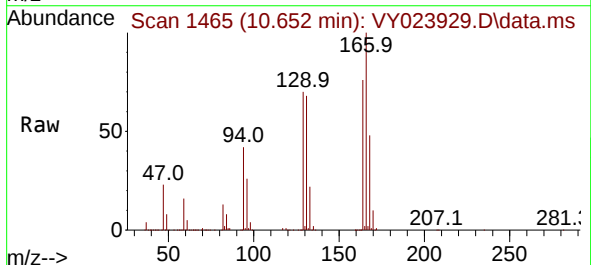
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

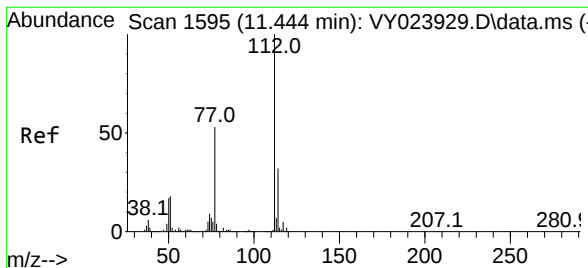
Tgt Ion:117 Resp: 720782
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 53.700 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion:164 Resp: 415818
Ion Ratio Lower Upper
164 100
166 131.2 105.0 157.4
129 91.2 73.0 109.4
131 89.4 71.5 107.3

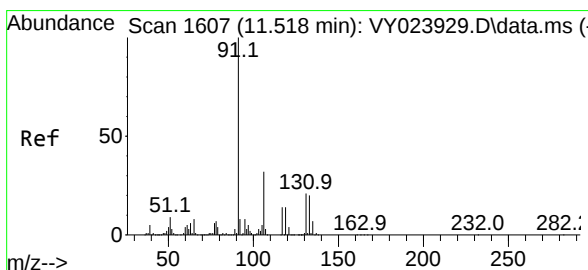
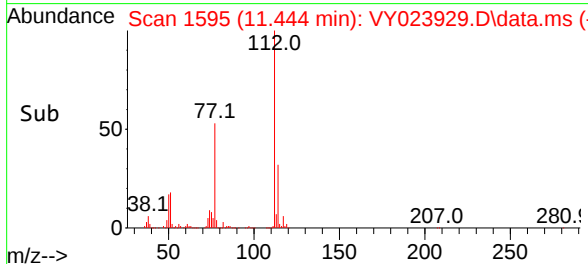
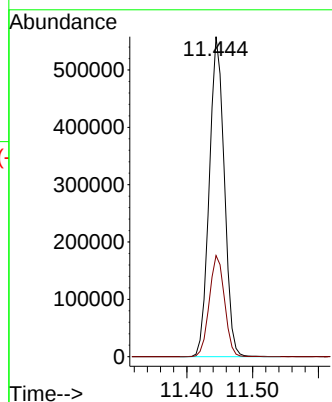
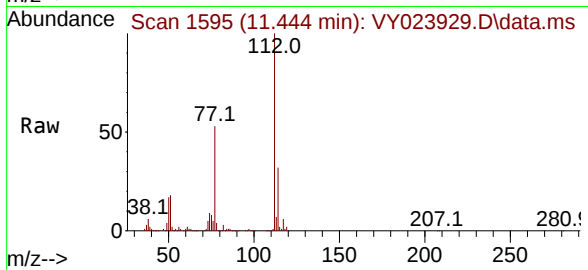




#65
Chlorobenzene
Concen: 53.080 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

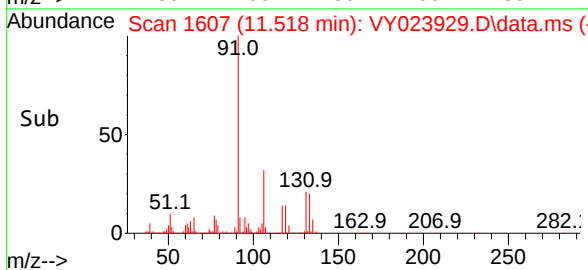
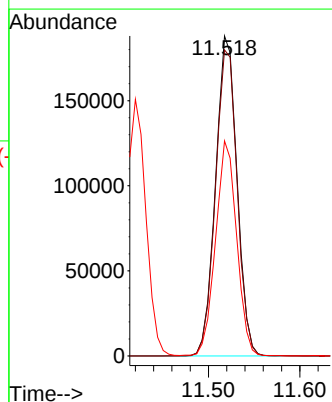
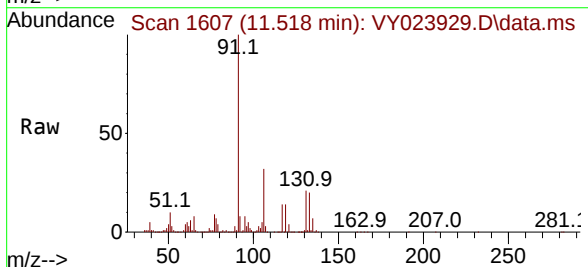
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

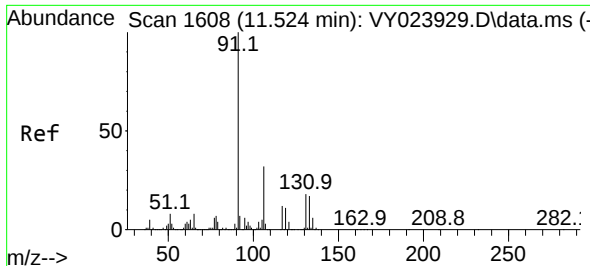
Tgt Ion:112 Resp: 886523
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.399 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion:131 Resp: 306930
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 54.643 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

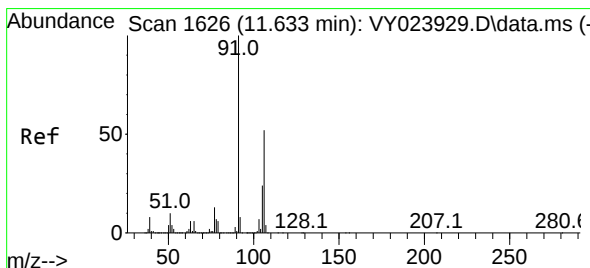
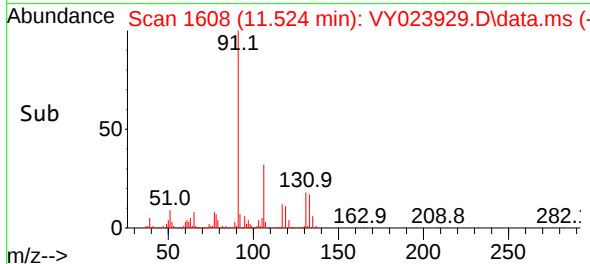
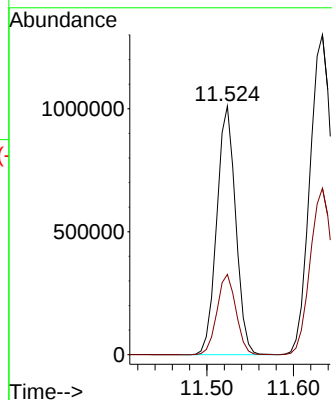
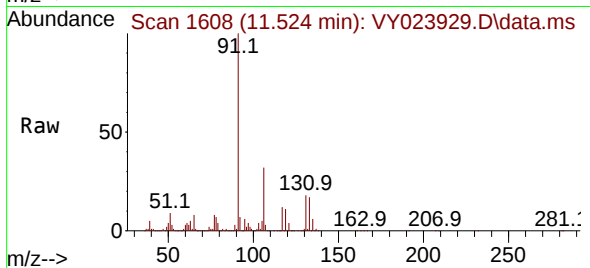
VSTDICCC050

Tgt Ion: 91 Resp: 1529137

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.8



#68

m/p-Xylenes

Concen: 109.214 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023929.D

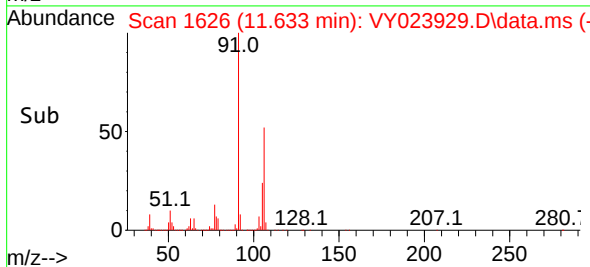
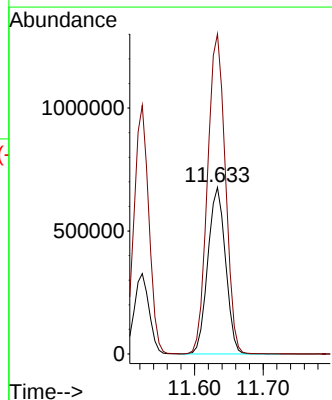
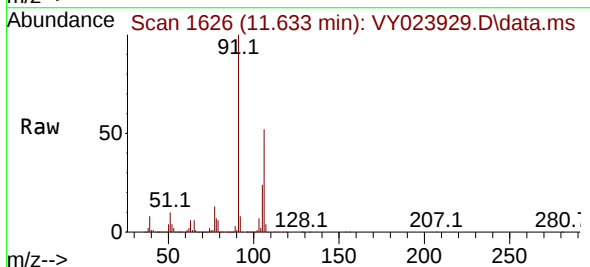
Acq: 10 Dec 2025 10:06

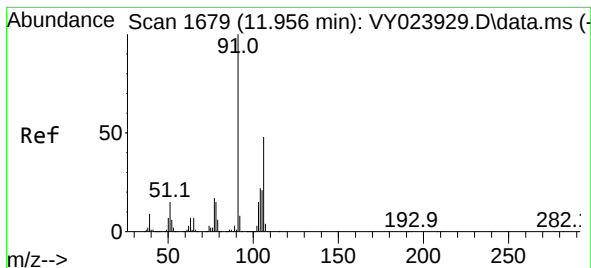
Tgt Ion:106 Resp: 1213240

Ion Ratio Lower Upper

106 100

91 193.8 155.0 232.6





#69

o-Xylene

Concen: 55.098 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

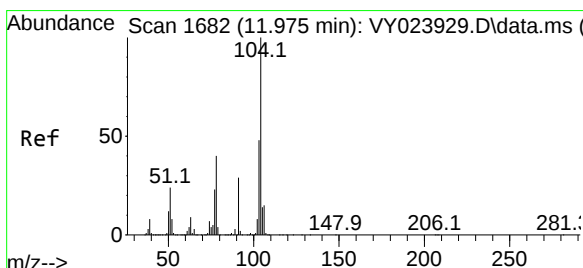
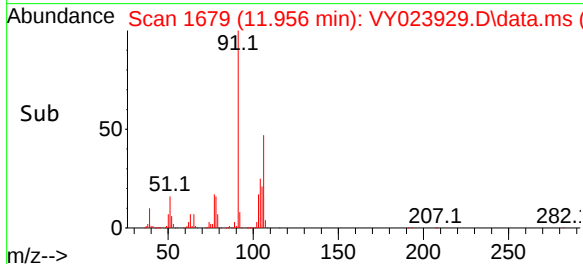
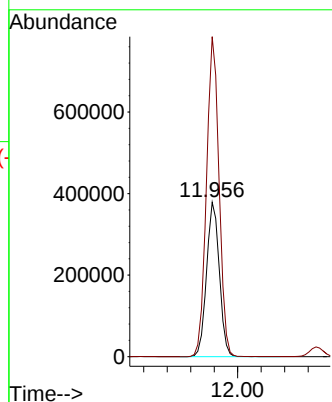
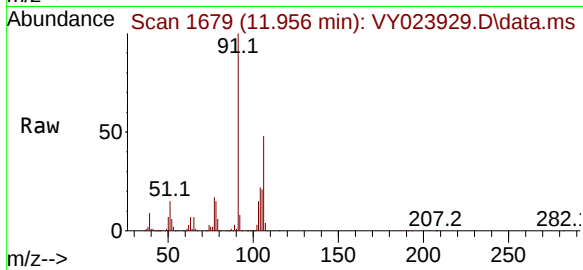
VSTDICCC050

Tgt Ion:106 Resp: 572576

Ion Ratio Lower Upper

106 100

91 204.1 102.1 306.1



#70

Styrene

Concen: 55.703 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

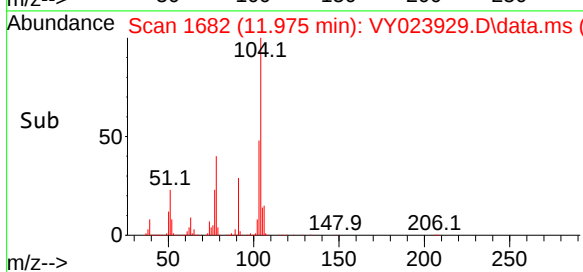
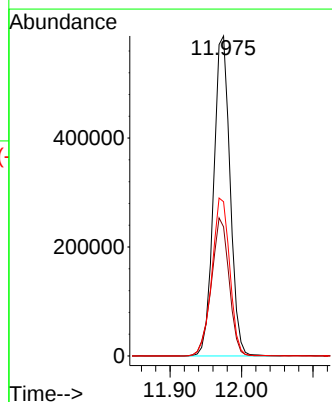
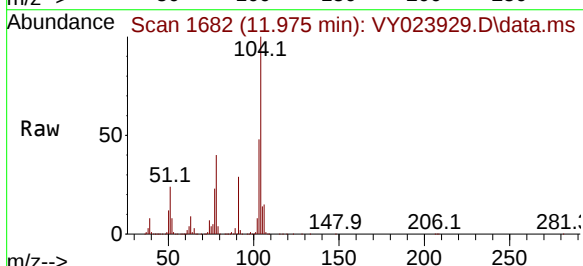
Tgt Ion:104 Resp: 935133

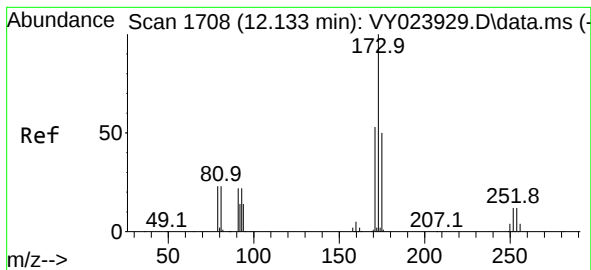
Ion Ratio Lower Upper

104 100

78 46.7 37.4 56.0

103 53.7 43.0 64.4





#71

Bromoform

Concen: 51.940 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

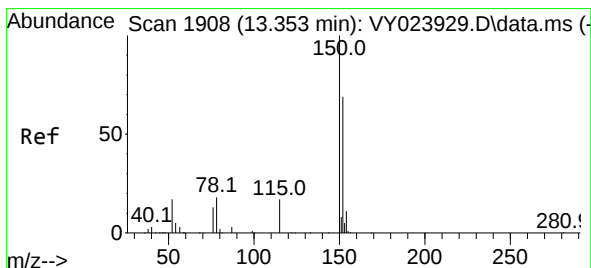
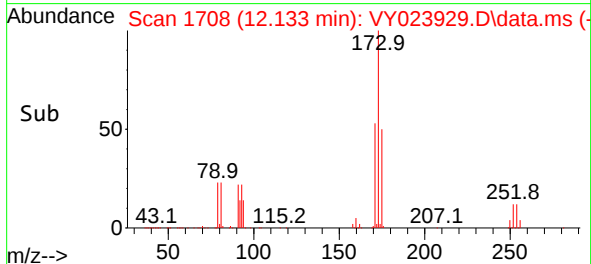
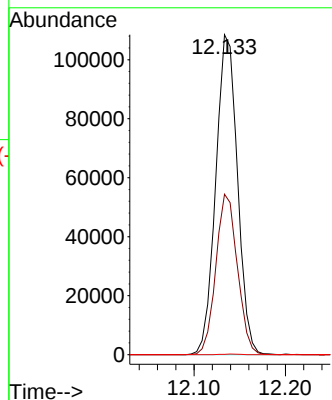
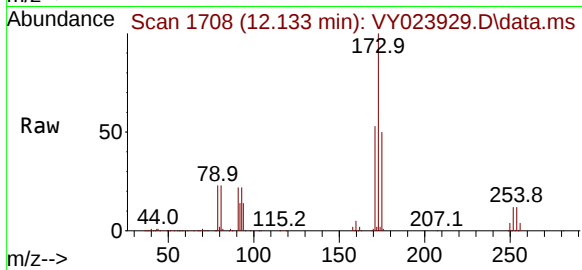
Tgt Ion:173 Resp: 179295

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

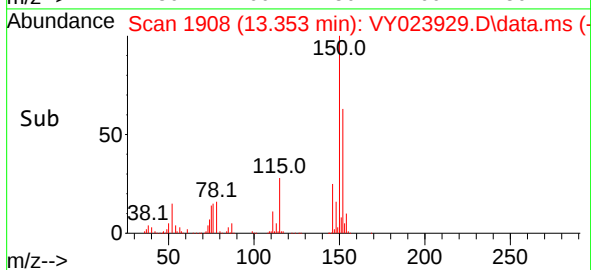
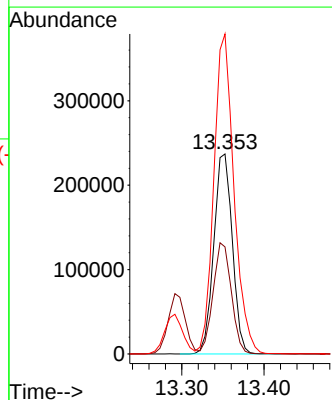
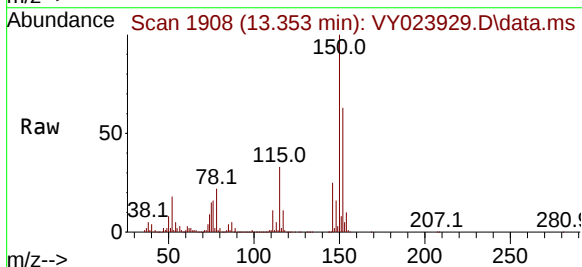
Tgt Ion:152 Resp: 370187

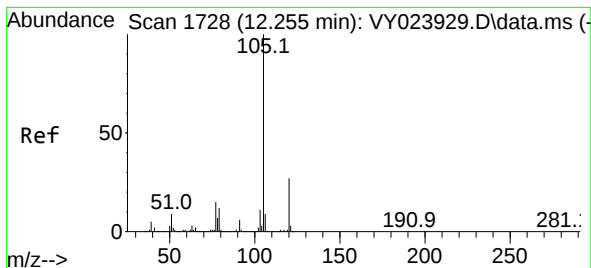
Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

150 173.8 0.0 347.6





#73

Isopropylbenzene

Concen: 55.266 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

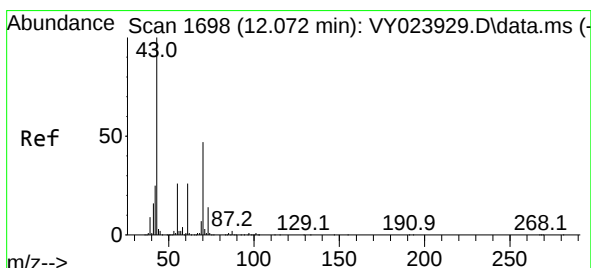
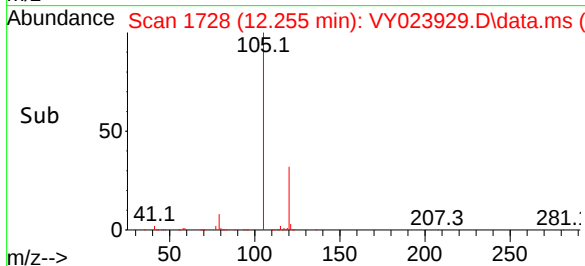
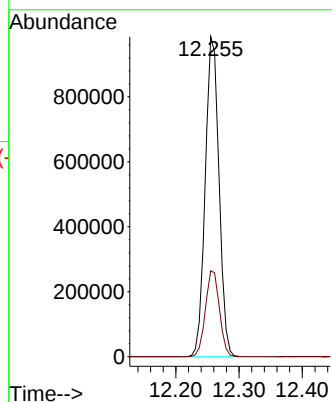
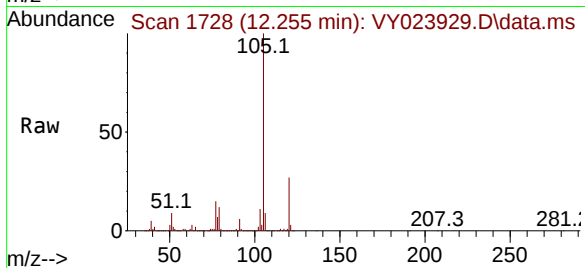
VSTDICCC050

Tgt Ion:105 Resp: 1495142

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 57.759 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Tgt Ion: 43 Resp: 277172

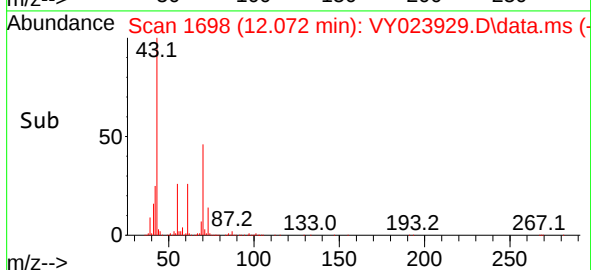
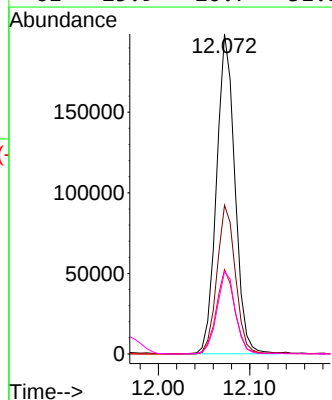
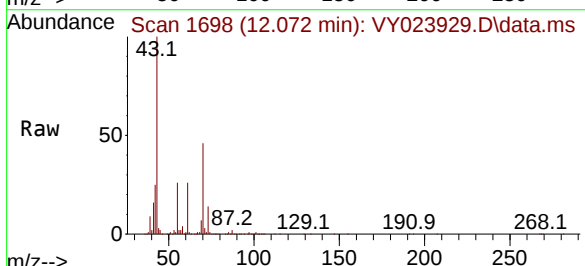
Ion Ratio Lower Upper

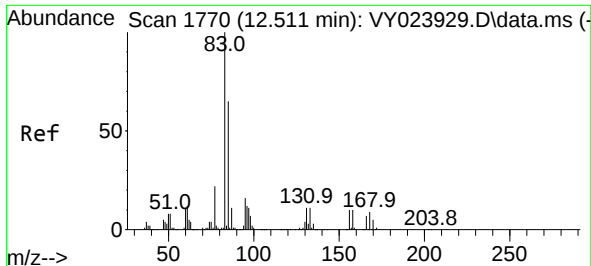
43 100

70 46.7 37.4 56.0

55 27.0 21.6 32.4

61 25.9 20.7 31.1

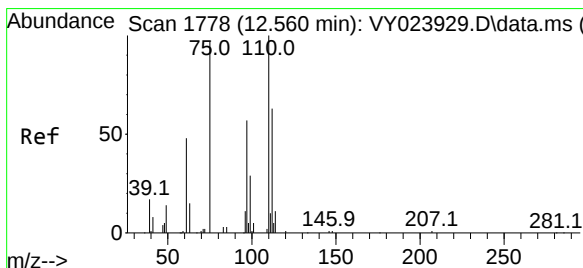
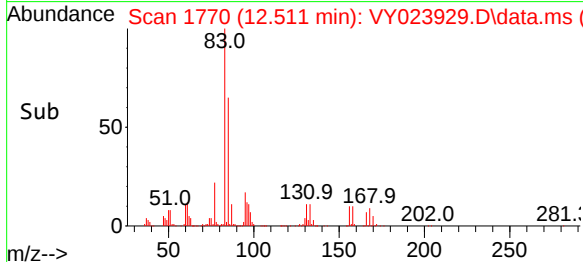
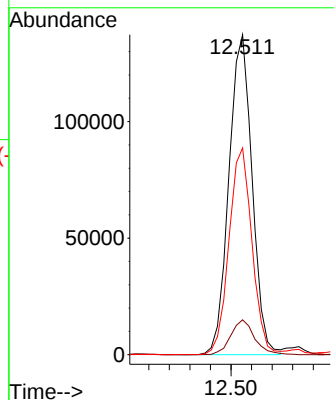
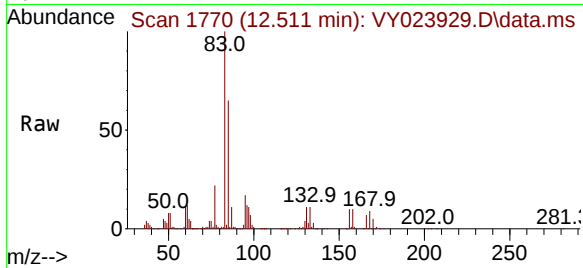




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.176 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

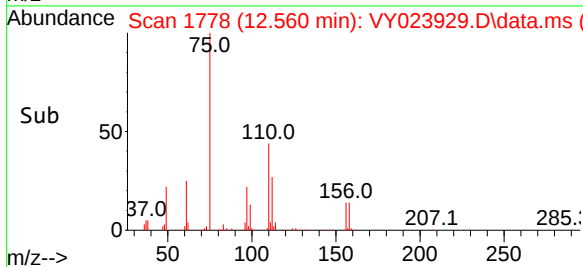
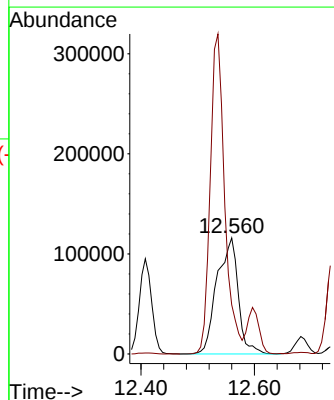
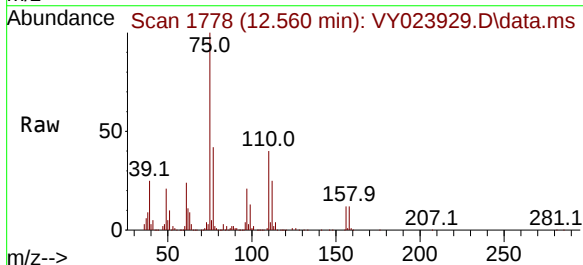
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

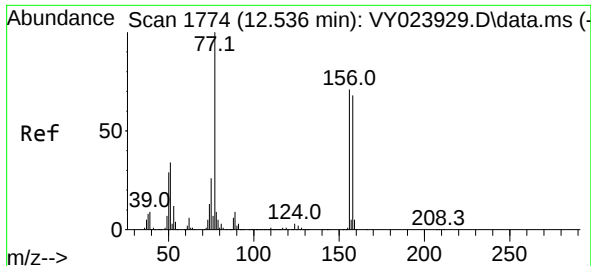
Tgt Ion: 83 Resp: 214936
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 64.1 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 95.767 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

Tgt Ion: 75 Resp: 300815
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

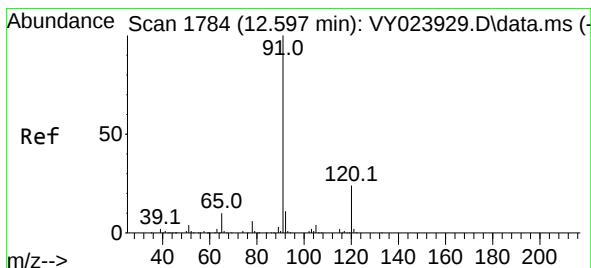
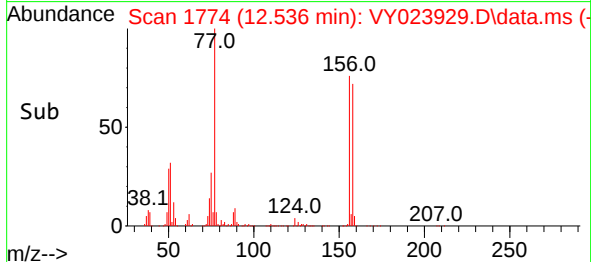
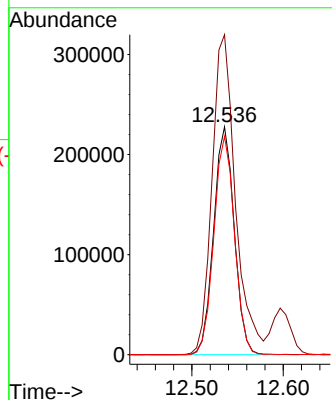
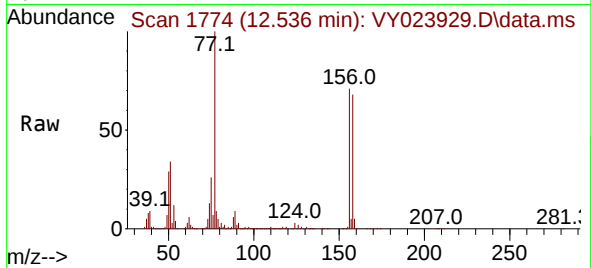




#77
Bromobenzene
Concen: 53.010 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

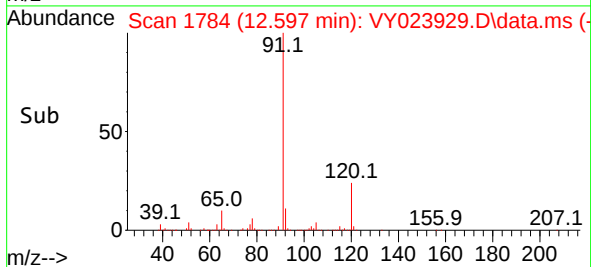
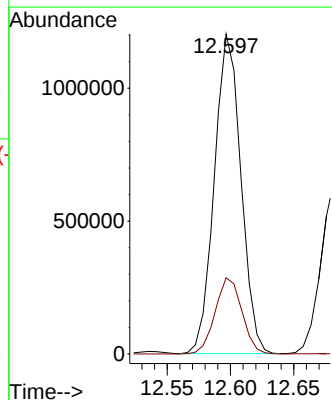
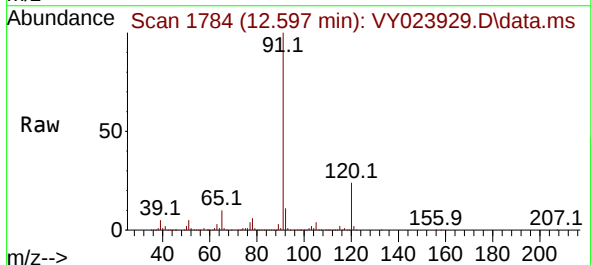
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

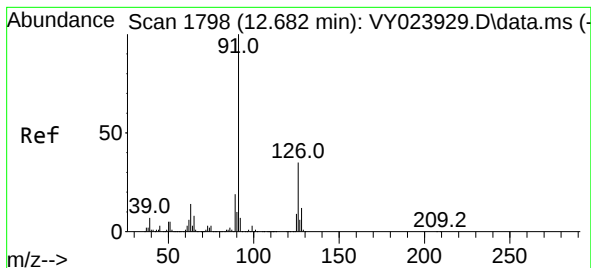
Tgt Ion:156 Resp: 355842
Ion Ratio Lower Upper
156 100
77 159.6 79.8 239.4
158 96.1 48.0 144.2



#78
n-propylbenzene
Concen: 55.762 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 91 Resp: 1755195
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.0

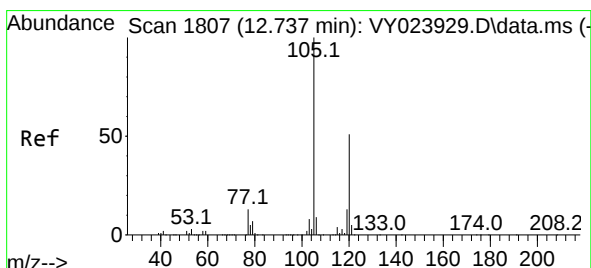
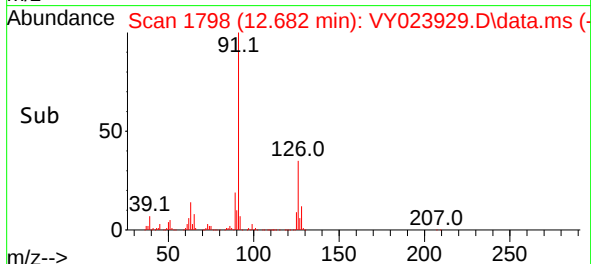
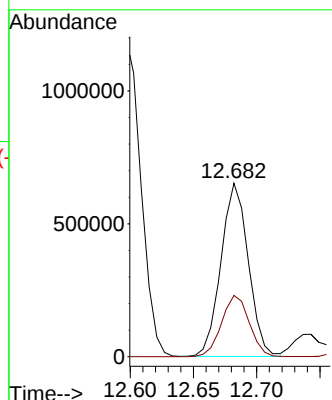
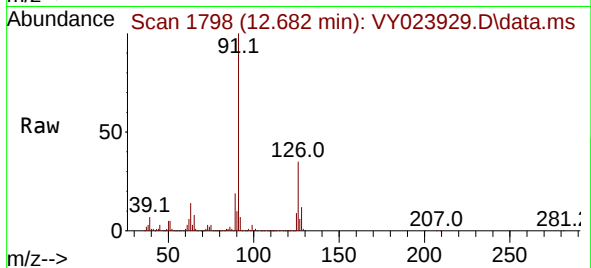




#79
2-Chlorotoluene
Concen: 54.846 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

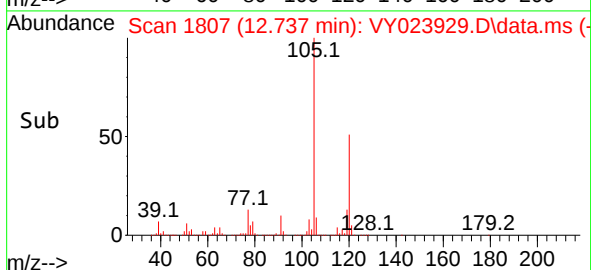
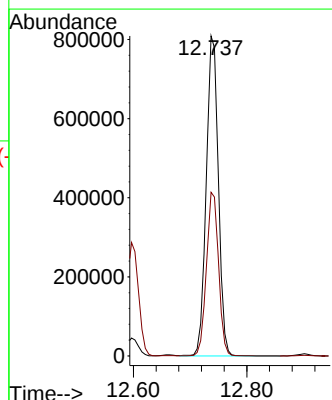
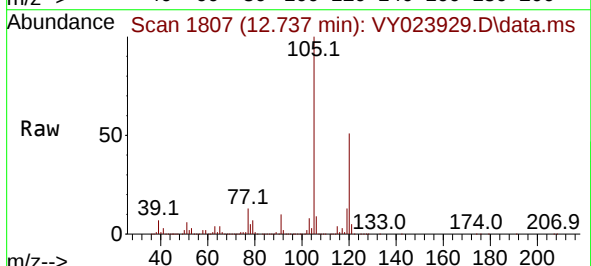
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

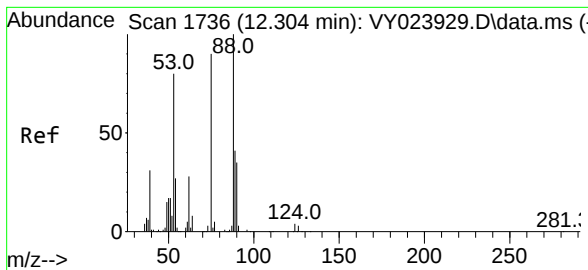
Tgt Ion: 91 Resp: 980636
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 55.438 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 105 Resp: 1196537
Ion Ratio Lower Upper
105 100
120 51.4 25.7 77.1

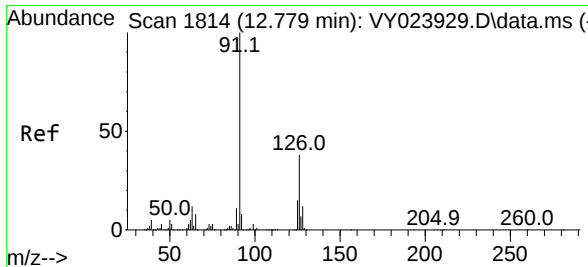
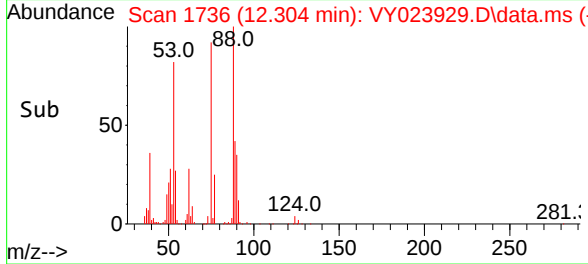
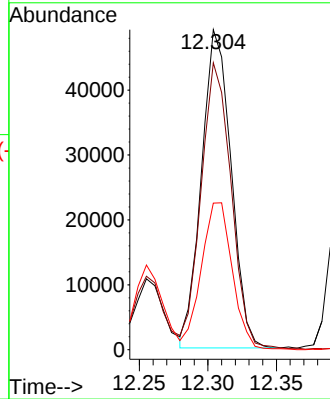
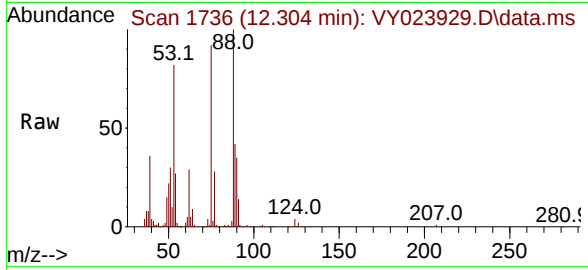




#81
trans-1,4-Dichloro-2-butene
Concen: 53.492 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

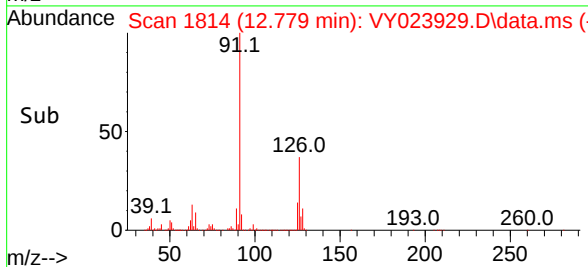
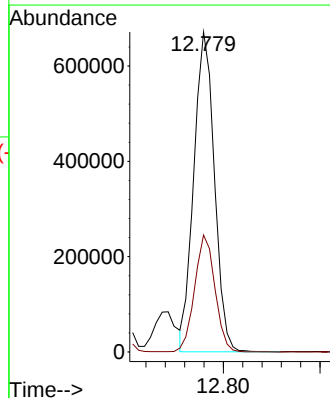
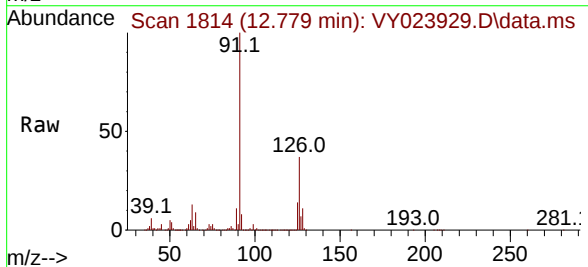
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

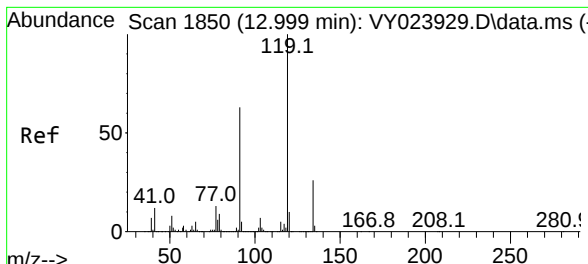
Tgt Ion: 75 Resp: 73588
Ion Ratio Lower Upper
75 100
53 91.7 73.4 110.0
89 48.6 38.9 58.3



#82
4-Chlorotoluene
Concen: 53.880 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 91 Resp: 991740
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.1



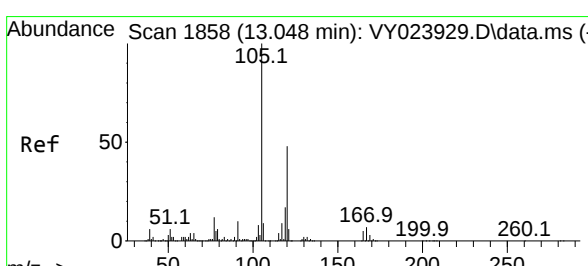
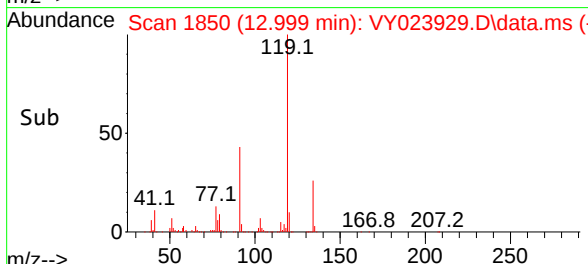
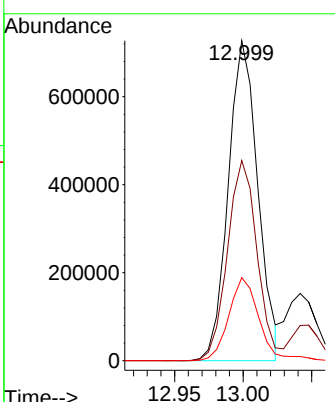
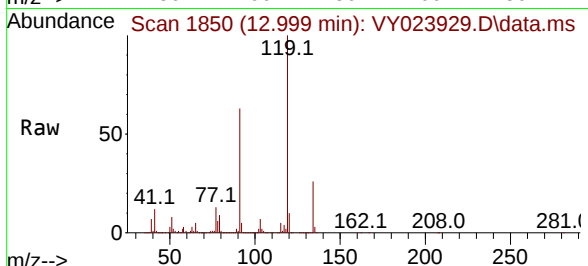


#83
 tert-Butylbenzene
 Concen: 54.637 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 1089564

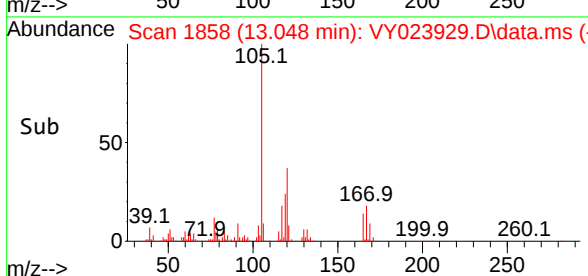
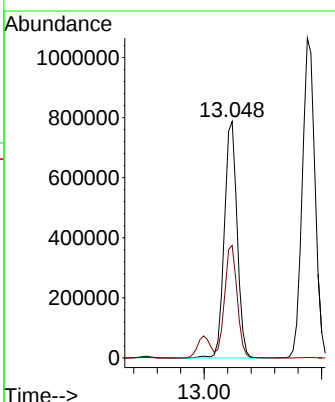
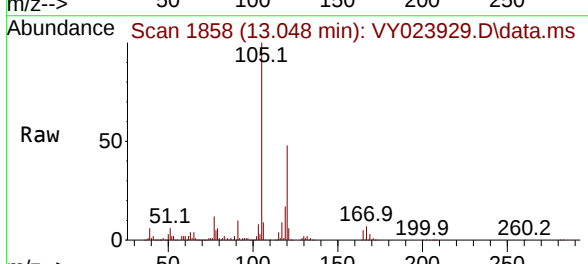
Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.6	94.7
134	26.7	13.4	40.1

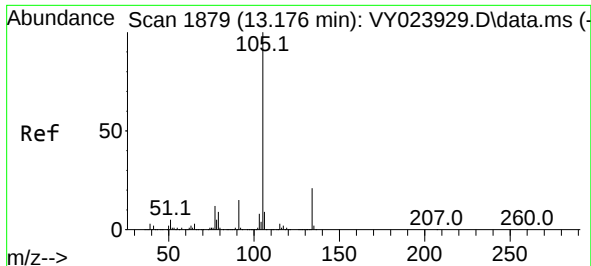


#84
 1,2,4-Trimethylbenzene
 Concen: 55.545 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

Tgt Ion:105 Resp: 1187602

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.3

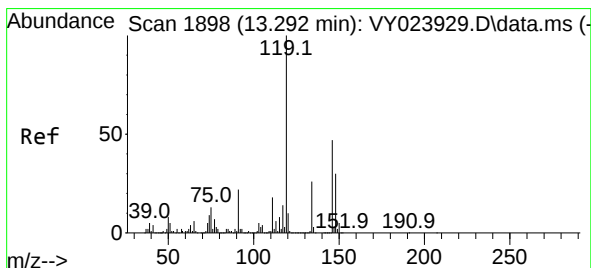
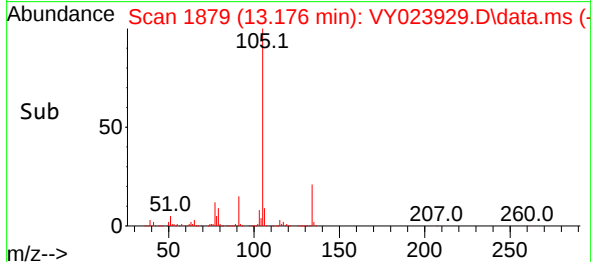
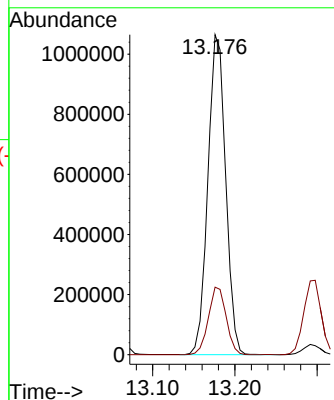
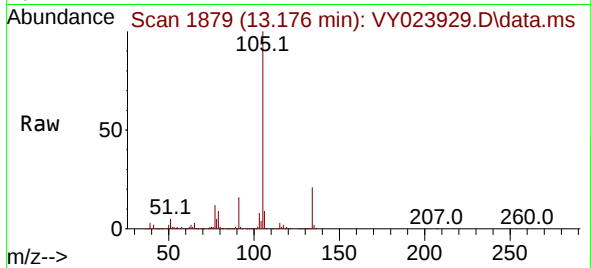




#85
 sec-Butylbenzene
 Concen: 54.808 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

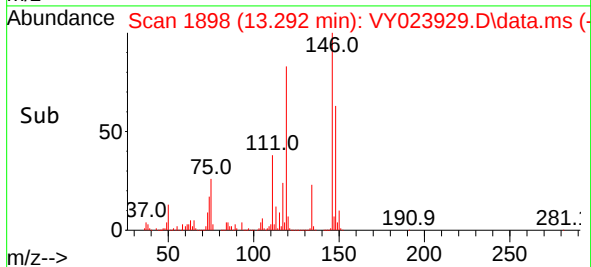
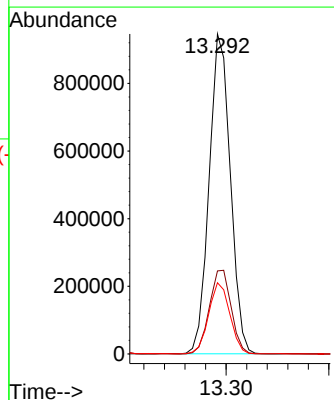
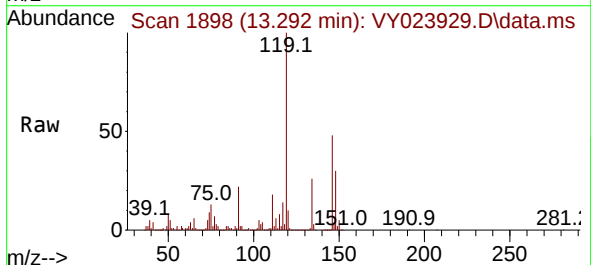
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

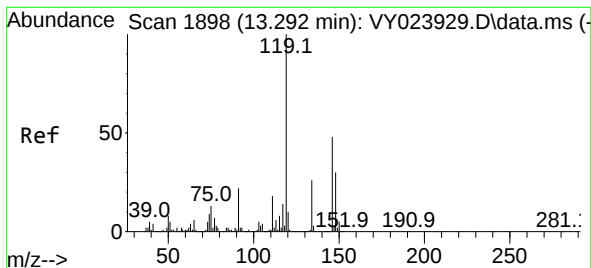
Tgt Ion:105 Resp: 1594354
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 55.015 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023929.D
 Acq: 10 Dec 2025 10:06

Tgt Ion:119 Resp: 1354639
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 52.597 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

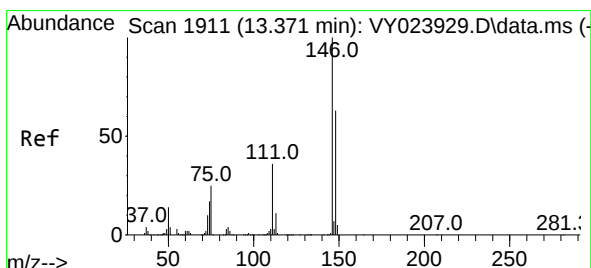
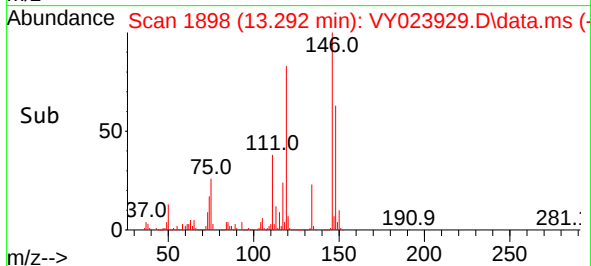
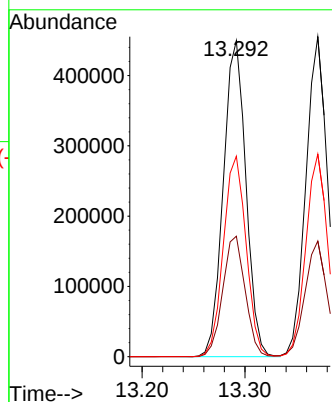
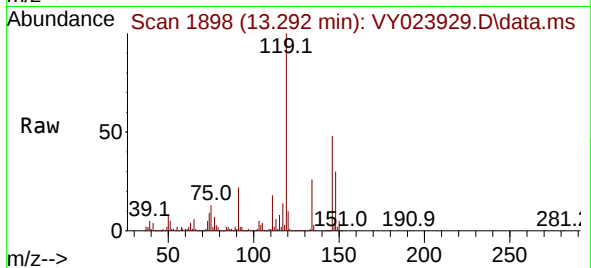
Tgt Ion:146 Resp: 685657

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.858 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

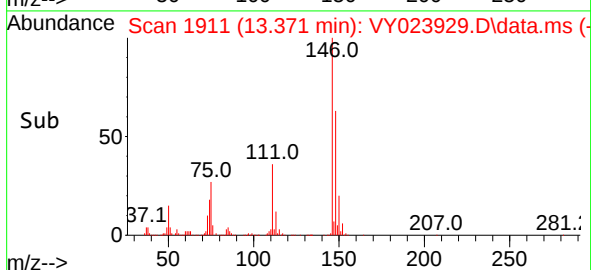
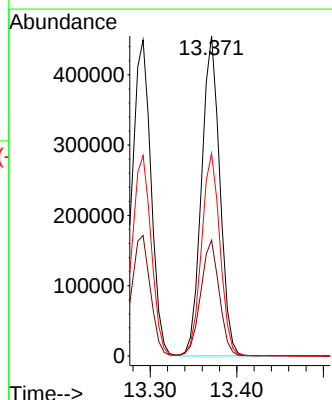
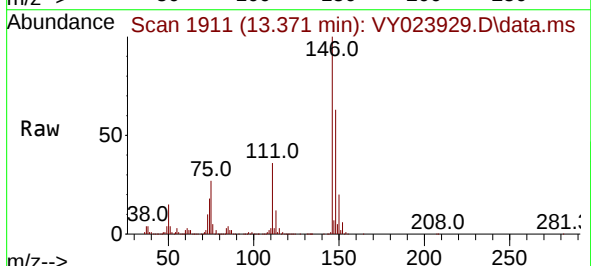
Tgt Ion:146 Resp: 666376

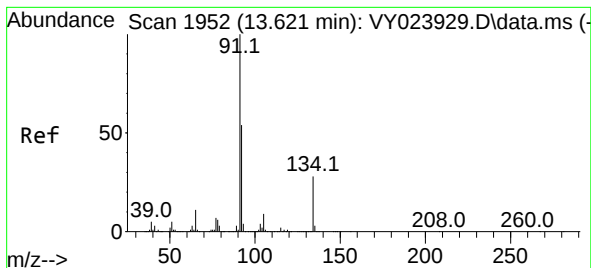
Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.0

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 54.991 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

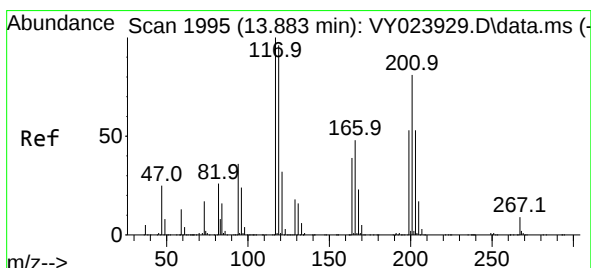
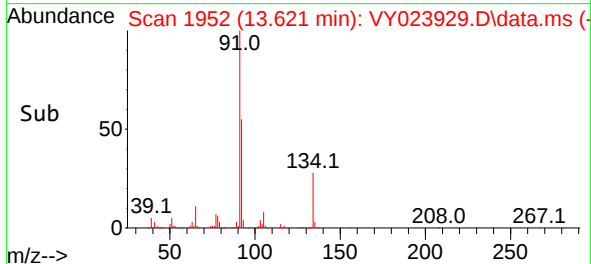
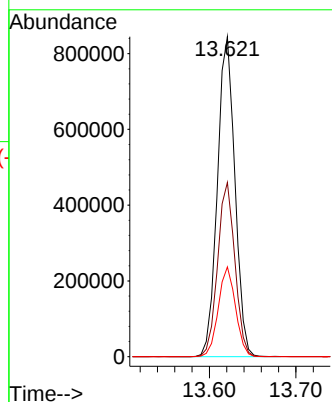
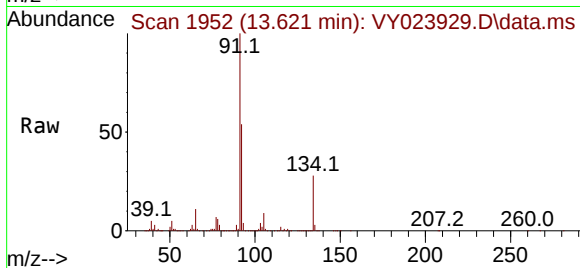
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1184660

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	27.7	13.9	41.6



#90

Hexachloroethane

Concen: 53.043 ug/l

RT: 13.883 min Scan# 1995

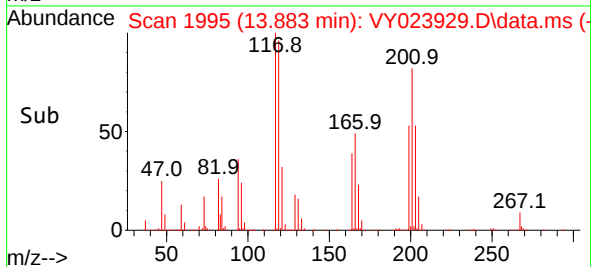
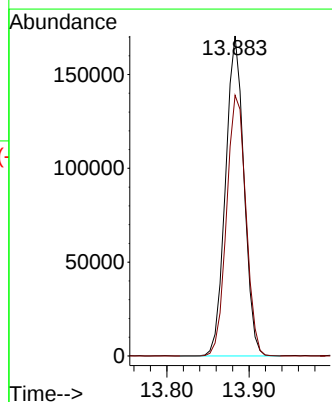
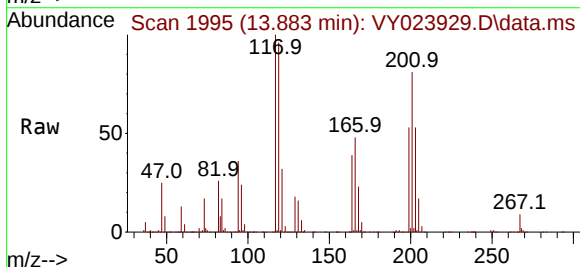
Delta R.T. 0.000 min

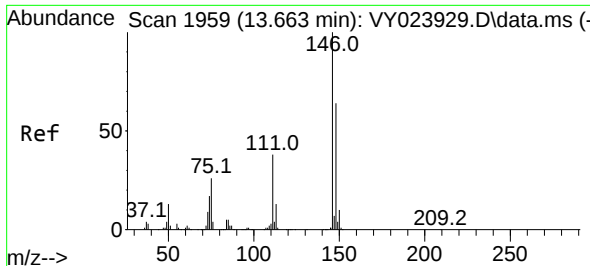
Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Tgt Ion: 117 Resp: 266521

Ion	Ratio	Lower	Upper
117	100		
201	84.9	42.4	127.3

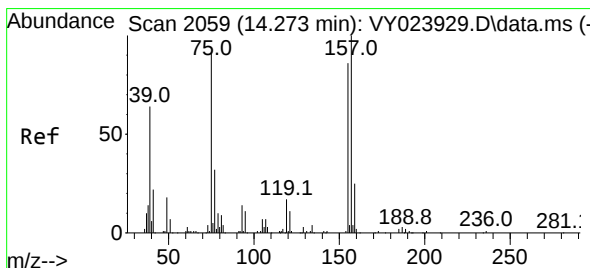
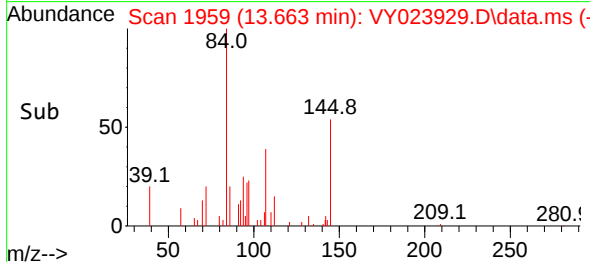
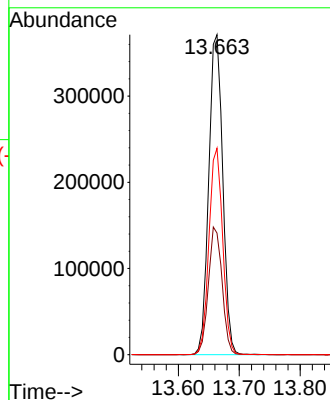
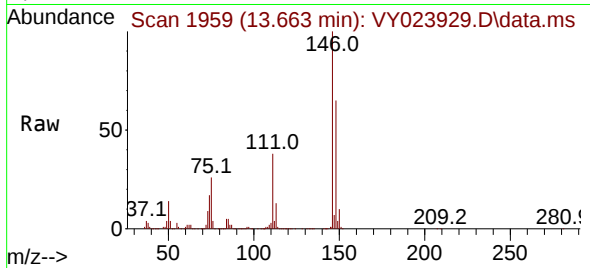




#91
1,2-Dichlorobenzene
Concen: 52.389 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

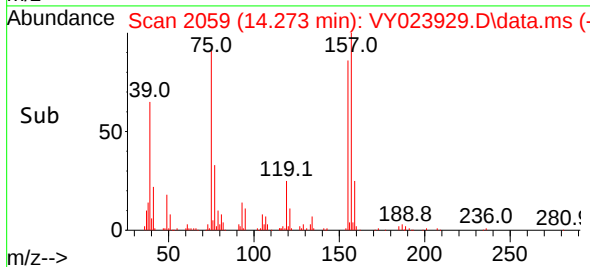
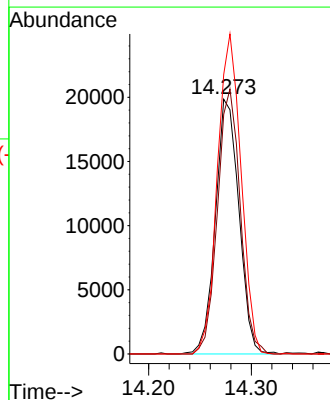
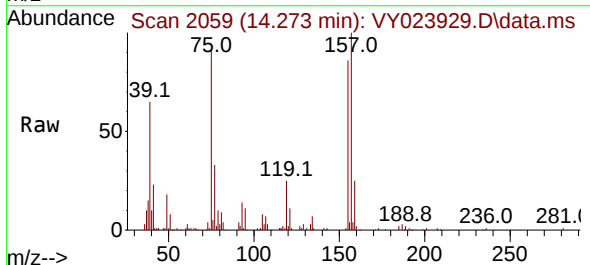
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

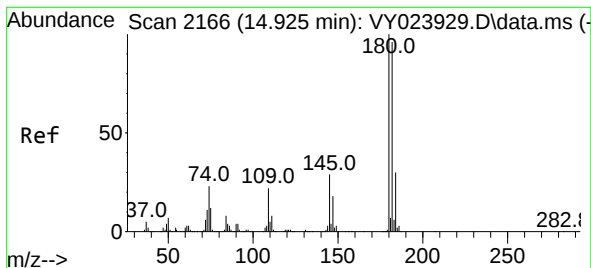
Tgt Ion:146 Resp: 591713
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.7
148 63.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.493 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023929.D
Acq: 10 Dec 2025 10:06

Tgt Ion: 75 Resp: 31567
Ion Ratio Lower Upper
75 100
155 100.5 50.2 150.7
157 125.7 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 50.990 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

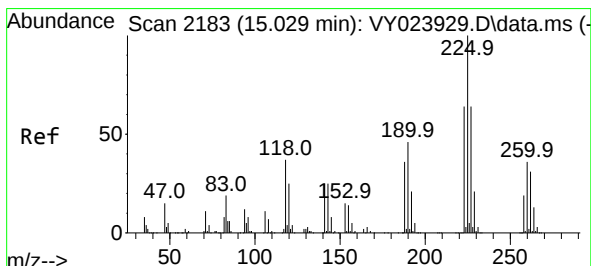
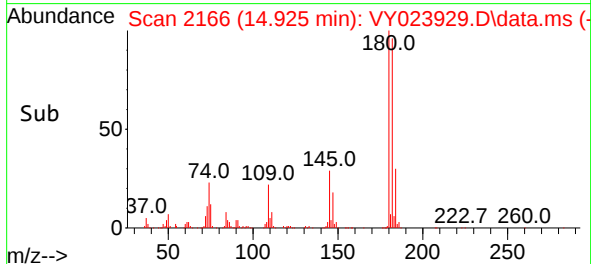
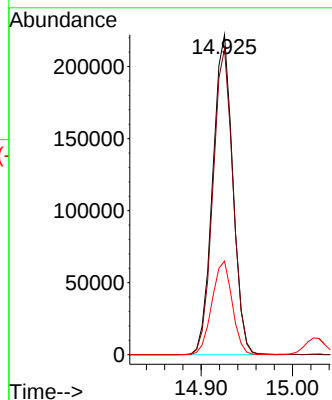
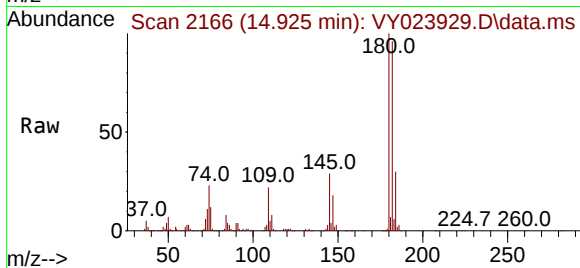
Tgt Ion:180 Resp: 338483

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 29.6 14.8 44.4



#94

Hexachlorobutadiene

Concen: 50.628 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

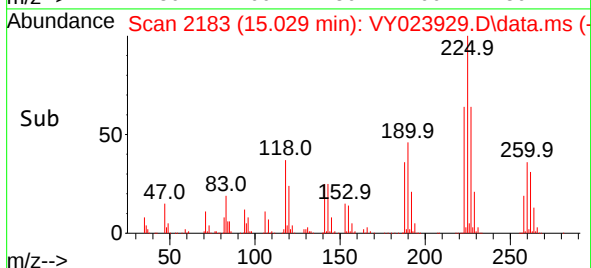
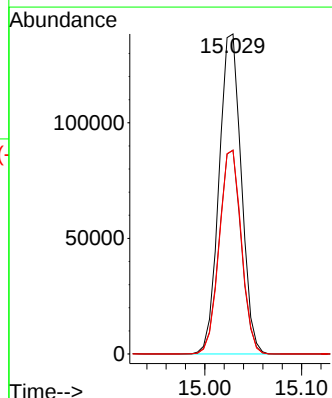
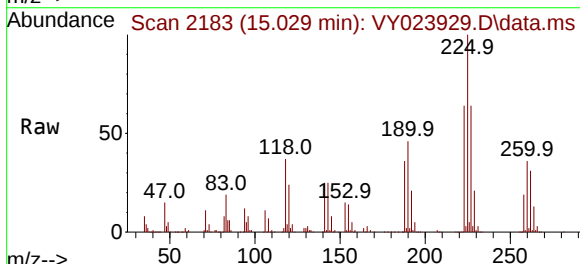
Tgt Ion:225 Resp: 220293

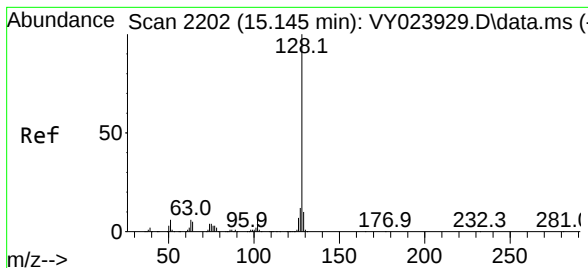
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

227 63.4 31.7 95.1





#95

Naphthalene

Concen: 52.592 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

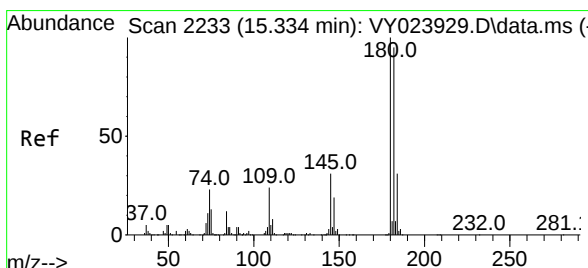
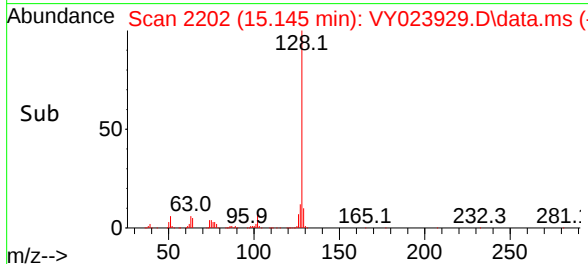
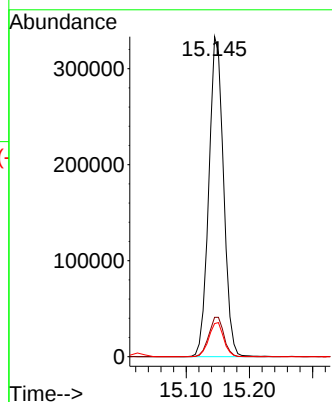
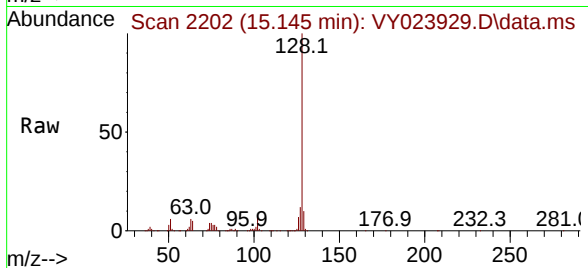
Tgt Ion:128 Resp: 539821

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.933 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023929.D

Acq: 10 Dec 2025 10:06

Tgt Ion:180 Resp: 282063

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 31.2 15.6 46.8

