

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023663.D
 Acq On : 04 Nov 2025 10:19
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 05 04:27:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:24:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	545914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	804973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	707291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	367397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93111	19.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.000%#
35) Dibromofluoromethane	7.634	113	100472	19.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.940%#
50) Toluene-d8	10.109	98	371763	19.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.680%#
62) 4-Bromofluorobenzene	12.402	95	121943	20.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81455	22.731	ug/l	100
3) Chloromethane	2.074	50	106778	21.293	ug/l	100
4) Vinyl Chloride	2.208	62	138125	21.168	ug/l	98
5) Bromomethane	2.592	94	115694	21.078	ug/l	98
6) Chloroethane	2.739	64	94359	20.922	ug/l	98
7) Trichlorofluoromethane	3.056	101	193612	21.067	ug/l	96
8) Diethyl Ether	3.452	74	50730	20.585	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	102772	20.297	ug/l	99
10) Methyl Iodide	4.007	142	121925	20.392	ug/l	100
11) Tert butyl alcohol	4.854	59	29518	98.306	ug/l	99
12) 1,1-Dichloroethene	3.787	96	100782	20.662	ug/l	98
13) Acrolein	3.653	56	42967	111.331	ug/l	99
14) Allyl chloride	4.385	41	119977	20.209	ug/l	100
15) Acrylonitrile	5.061	53	97947	103.998	ug/l	100
16) Acetone	3.873	43	125071	108.051	ug/l	96
17) Carbon Disulfide	4.104	76	310907	20.768	ug/l	100
18) Methyl Acetate	4.385	43	63810	24.993	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	231292	20.450	ug/l	97
20) Methylene Chloride	4.616	84	112357	20.107	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	113402	20.620	ug/l	98
22) Diisopropyl ether	6.019	45	275900	20.856	ug/l	95
23) Vinyl Acetate	5.964	43	688746	97.564	ug/l	99
24) 1,1-Dichloroethane	5.915	63	179473	20.365	ug/l	99
25) 2-Butanone	6.896	43	141827	105.975	ug/l	97
26) 2,2-Dichloropropane	6.884	77	162022	19.986	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125435	19.971	ug/l	99
28) Bromochloromethane	7.244	49	71844	21.291	ug/l	100
29) Tetrahydrofuran	7.262	42	74415	104.407	ug/l	97
30) Chloroform	7.421	83	200613	20.402	ug/l	98
31) Cyclohexane	7.707	56	151188	19.699	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	179118	20.382	ug/l	99
36) 1,1-Dichloropropene	7.841	75	137450	20.447	ug/l	99
37) Ethyl Acetate	6.988	43	51827	19.916	ug/l	98
38) Carbon Tetrachloride	7.817	117	161201	20.353	ug/l	99
39) Methylcyclohexane	9.109	83	172623	20.098	ug/l	98
40) Benzene	8.079	78	436191	20.586	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23872	17.198	ug/l #	69
42) 1,2-Dichloroethane	8.158	62	110796	20.669	ug/l	100
43) Isopropyl Acetate	8.201	43	98512	20.148	ug/l	99
44) Trichloroethene	8.866	130	124567	20.468	ug/l	96
45) 1,2-Dichloropropane	9.140	63	96481	20.632	ug/l	98
46) Dibromomethane	9.231	93	61391	21.188	ug/l	97
47) Bromodichloromethane	9.426	83	151710	20.767	ug/l	99
48) Methyl methacrylate	9.225	41	46988	20.341	ug/l	98
49) 1,4-Dioxane	9.231	88	11983	404.113	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	273875	105.327	ug/l	99
52) Toluene	10.170	92	281364	20.799	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	125239	20.261	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	152830	20.637	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	80390	20.761	ug/l	96
56) Ethyl methacrylate	10.438	69	83993	19.687	ug/l	98
57) 1,3-Dichloropropane	10.719	76	128976	20.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	192206	98.178	ug/l	100
59) 2-Hexanone	10.762	43	203840	107.451	ug/l	99
60) Dibromochloromethane	10.914	129	110009	20.677	ug/l	98
61) 1,2-Dibromoethane	11.018	107	77174	21.237	ug/l	97
64) Tetrachloroethene	10.646	164	154270	20.955	ug/l	98
65) Chlorobenzene	11.444	112	313776	20.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	109560	20.122	ug/l	98
67) Ethyl Benzene	11.518	91	505466	20.283	ug/l	98
68) m/p-Xylenes	11.627	106	408699	41.048	ug/l	97
69) o-Xylene	11.956	106	186475	20.260	ug/l	100
70) Styrene	11.969	104	313946	20.674	ug/l	100
71) Bromoform	12.133	173	64954	20.426	ug/l #	98
73) Isopropylbenzene	12.255	105	484626	19.723	ug/l	99
74) N-amyl acetate	12.072	43	76905	18.486	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	76650	19.531	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	106613	35.856	ug/l #	100
77) Bromobenzene	12.530	156	124926	19.600	ug/l	97
78) n-propylbenzene	12.597	91	577151	19.968	ug/l	99
79) 2-Chlorotoluene	12.676	91	336249	20.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	401810	20.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25299	19.229	ug/l	98
82) 4-Chlorotoluene	12.780	91	350104	20.241	ug/l	100
83) tert-Butylbenzene	12.999	119	352929	19.409	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	397002	20.077	ug/l	100
85) sec-Butylbenzene	13.176	105	520106	19.831	ug/l	100
86) p-Isopropyltoluene	13.292	119	441869	19.902	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	251903	20.080	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	244807	19.866	ug/l	99
89) n-Butylbenzene	13.615	91	375842	19.467	ug/l	100
90) Hexachloroethane	13.877	117	92928	19.477	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	218655	20.225	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12260	20.289	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	122756	19.851	ug/l	99
94) Hexachlorobutadiene	15.023	225	79039	19.507	ug/l	99
95) Naphthalene	15.145	128	174378	19.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	102582	19.855	ug/l	98

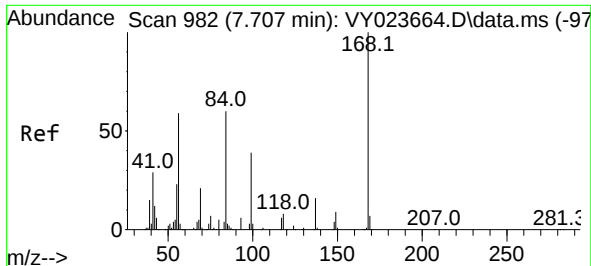
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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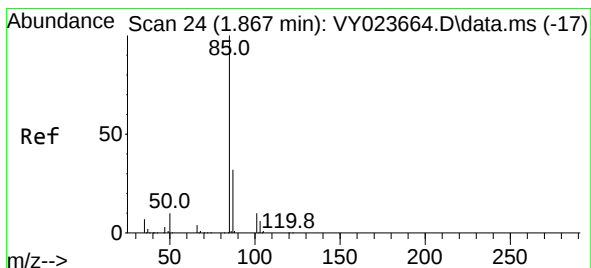
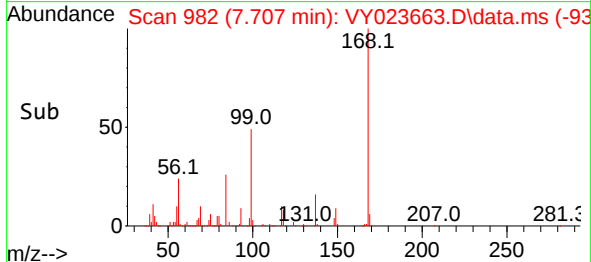
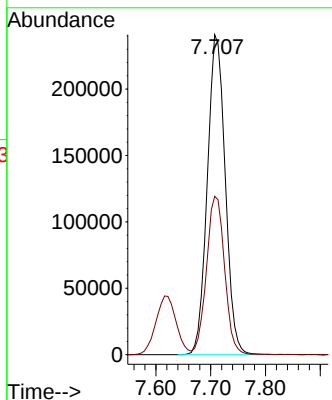
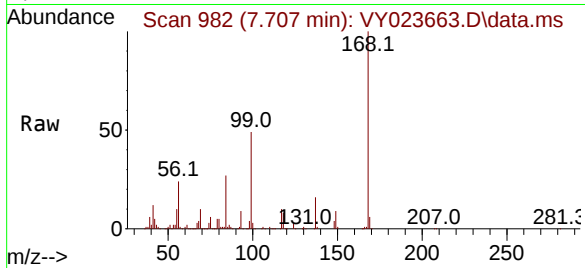
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

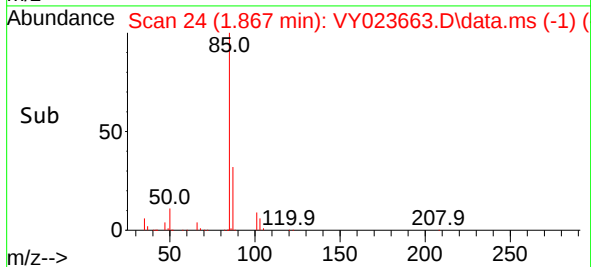
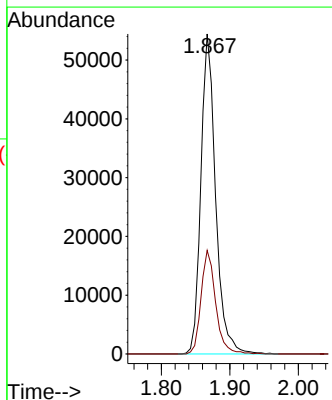
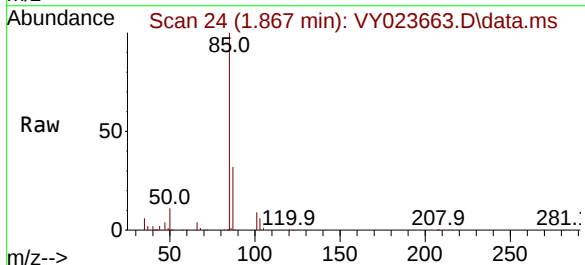
Instrument :
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VSTDIC020

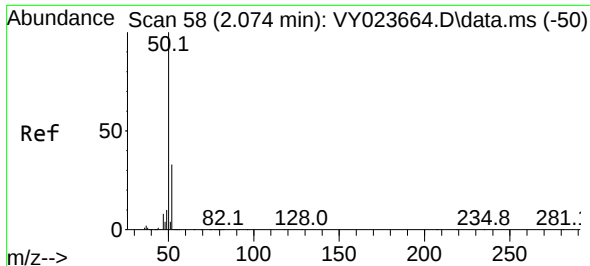
Tgt Ion:168 Resp: 545914
Ion Ratio Lower Upper
168 100
99 49.4 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 22.731 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 85 Resp: 81455
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

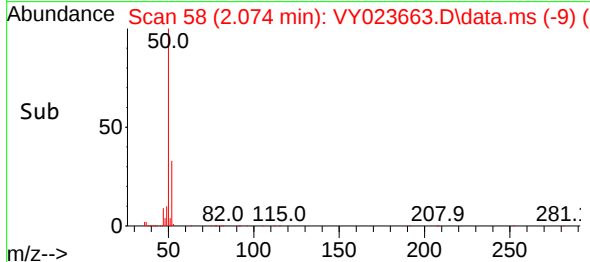
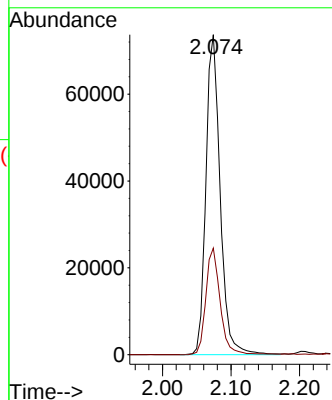
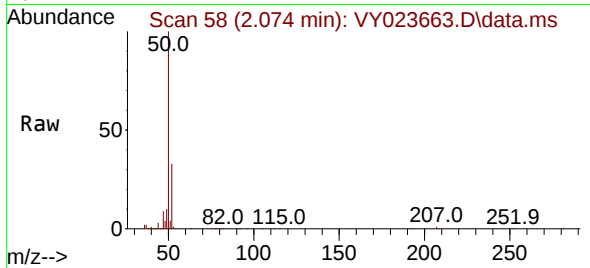




#3
Chloromethane
Concen: 21.293 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

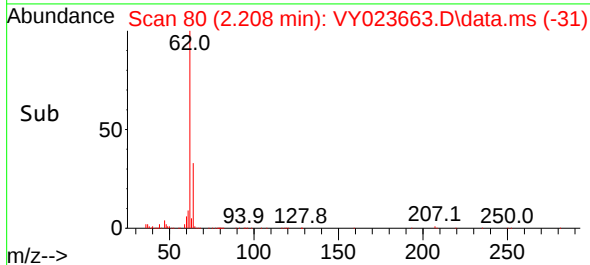
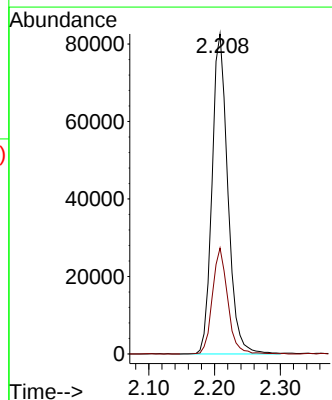
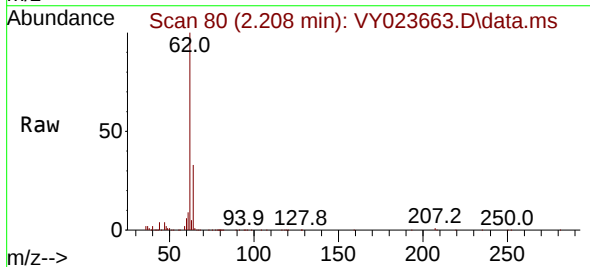
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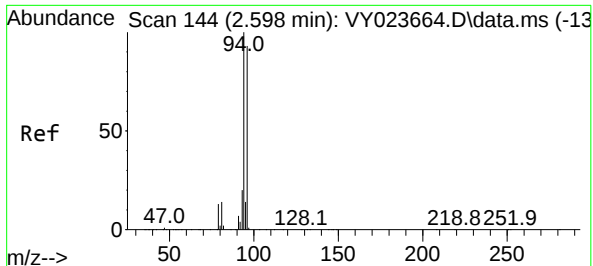
Tgt Ion: 50 Resp: 106778
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7



#4
Vinyl Chloride
Concen: 21.168 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 62 Resp: 138125
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

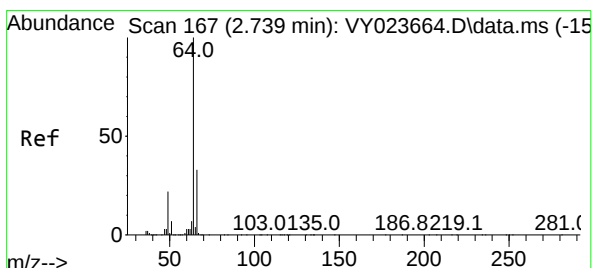
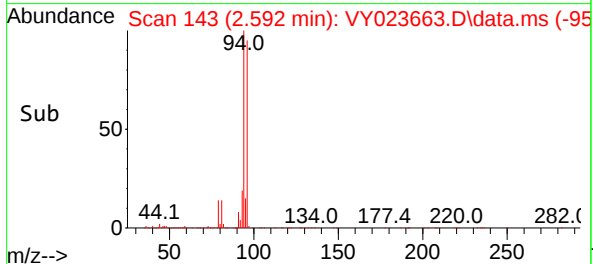
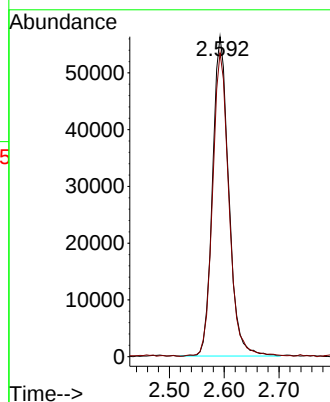
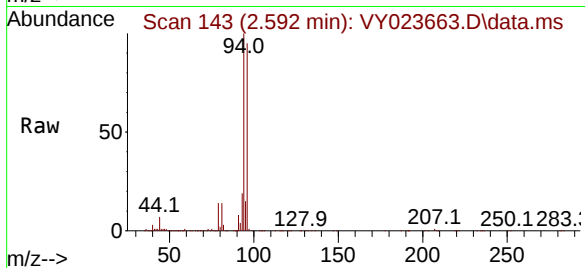




#5
Bromomethane
Concen: 21.078 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

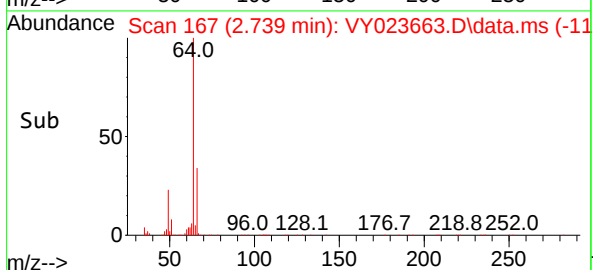
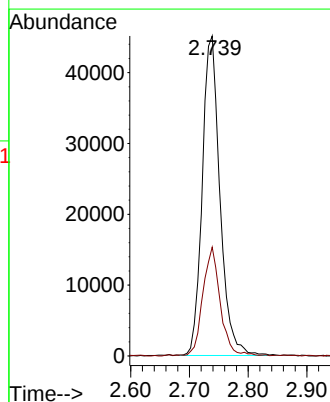
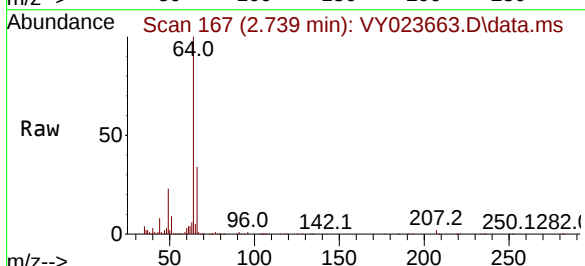
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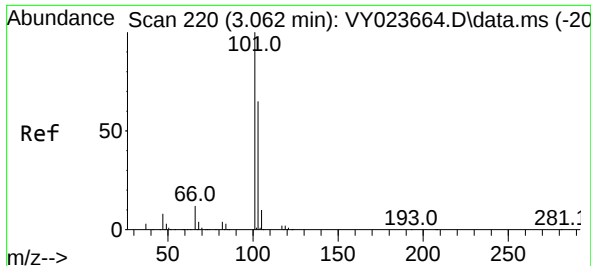
Tgt Ion: 94 Resp: 115694
Ion Ratio Lower Upper
94 100
96 95.1 74.4 111.6



#6
Chloroethane
Concen: 20.922 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 64 Resp: 94359
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4

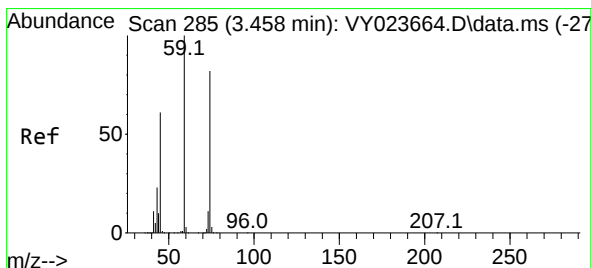
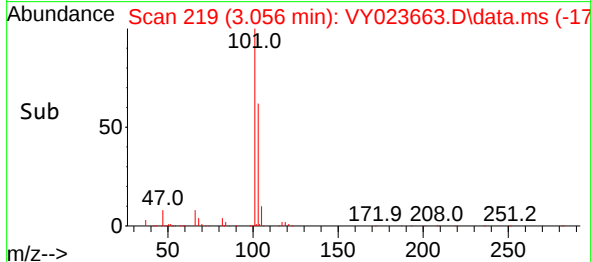
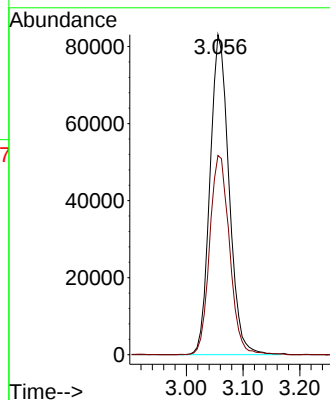
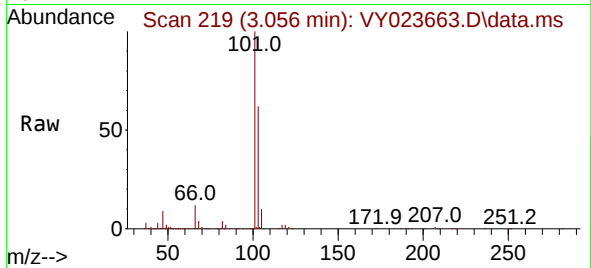




#7
Trichlorofluoromethane
Concen: 21.067 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023663.D
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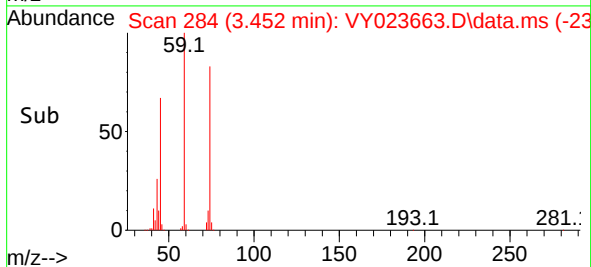
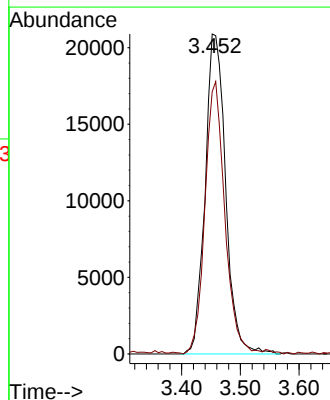
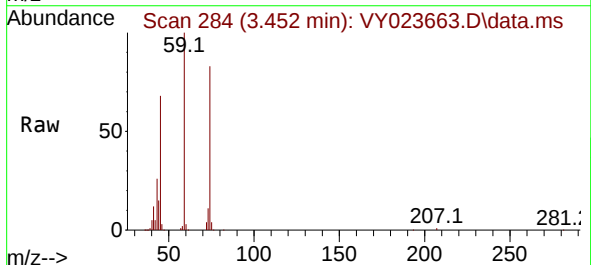
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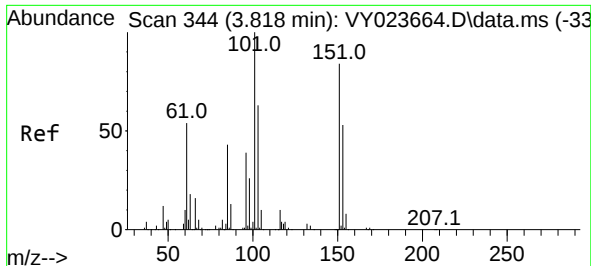
Tgt Ion:101 Resp: 193612
Ion Ratio Lower Upper
101 100
103 62.1 52.1 78.1



#8
Diethyl Ether
Concen: 20.585 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 74 Resp: 50730
Ion Ratio Lower Upper
74 100
45 82.5 40.6 121.7

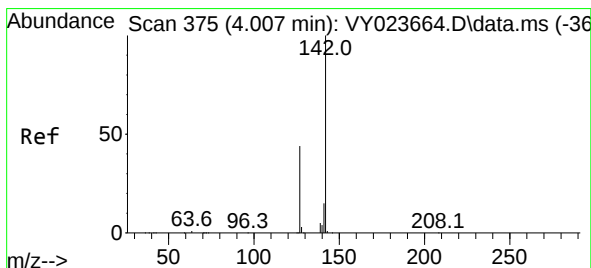
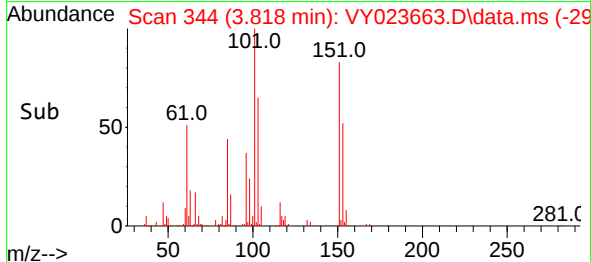
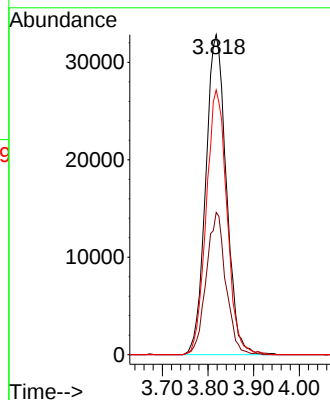
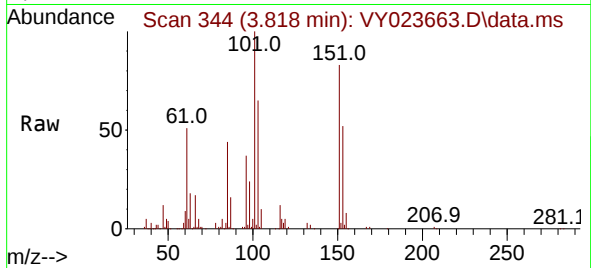




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.297 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023663.D
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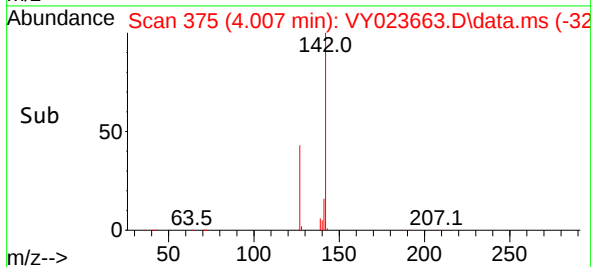
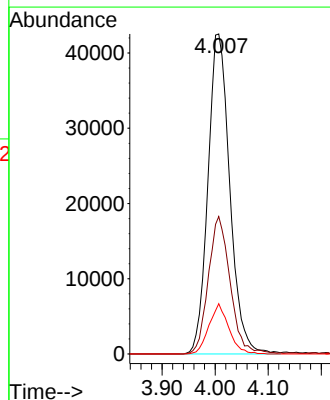
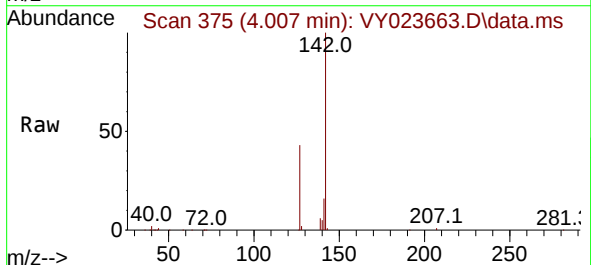
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ClientSampleId :
VSTDIC020

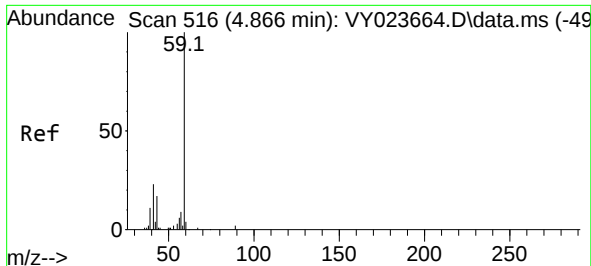
Tgt Ion:101 Resp: 102772
Ion Ratio Lower Upper
101 100
85 42.3 34.4 51.6
151 83.1 65.6 98.4



#10
Methyl Iodide
Concen: 20.392 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:142 Resp: 121925
Ion Ratio Lower Upper
142 100
127 42.9 34.6 51.8
141 14.3 11.6 17.4

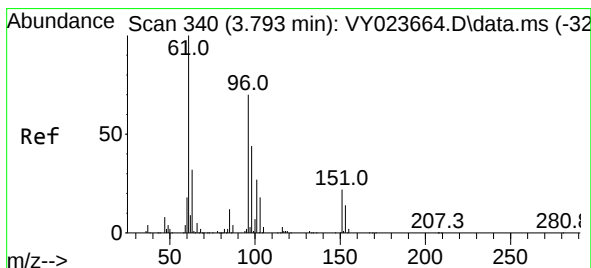
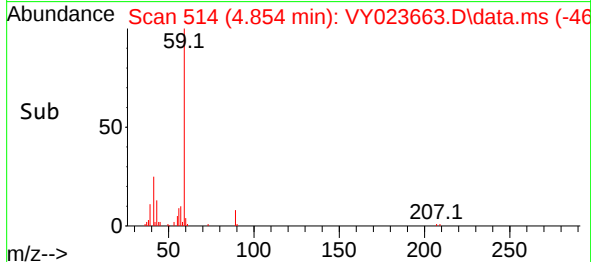
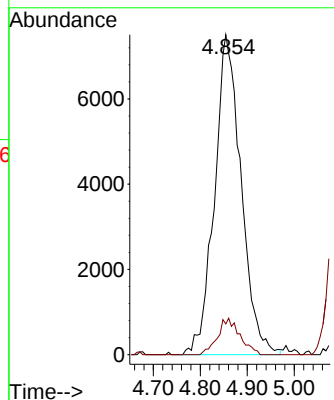
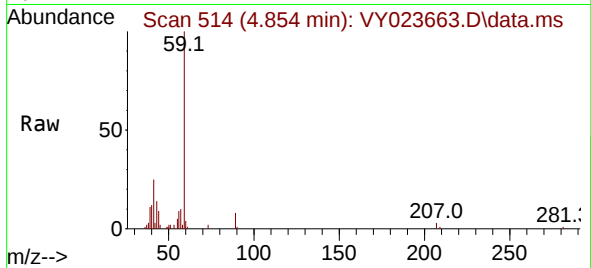




#11
Tert butyl alcohol
Concen: 98.306 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

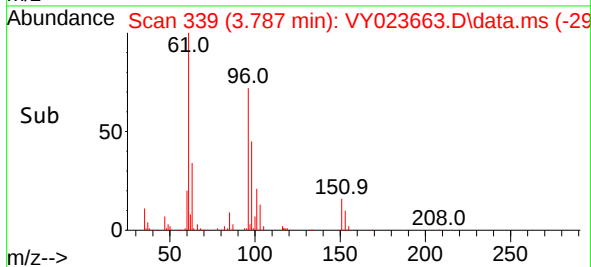
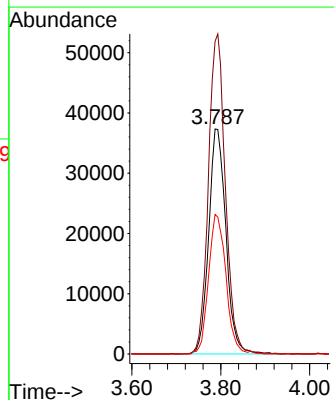
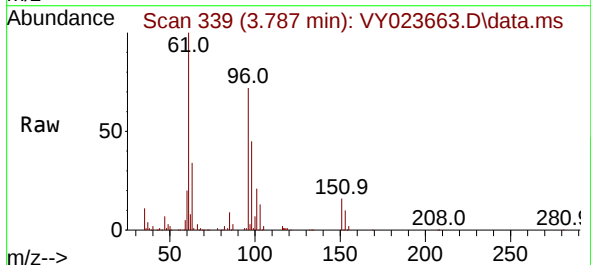
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

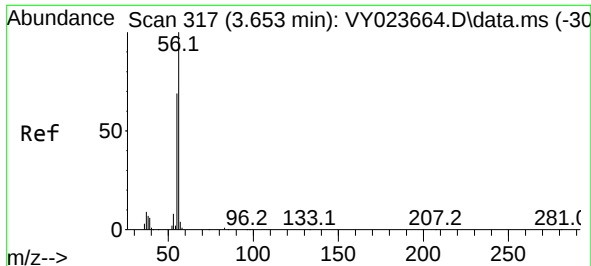
Tgt Ion: 59 Resp: 29518
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.662 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 96 Resp: 100782
Ion Ratio Lower Upper
96 100
61 138.9 114.0 171.0
98 62.0 50.2 75.2

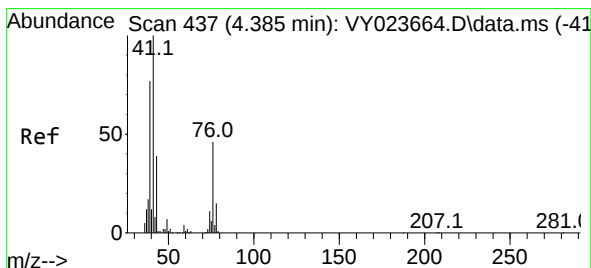
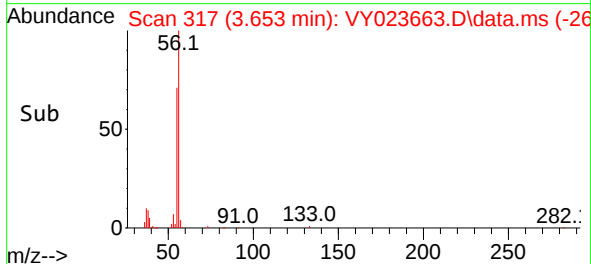
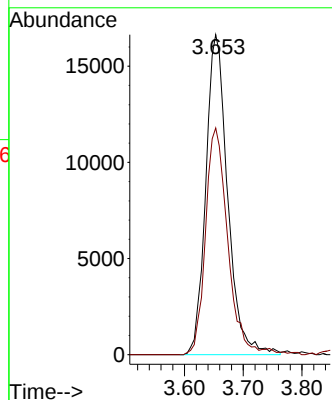
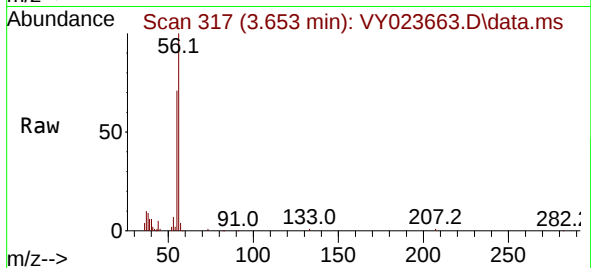




#13
Acrolein
Concen: 111.331 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

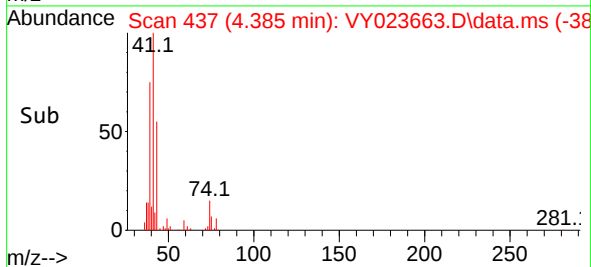
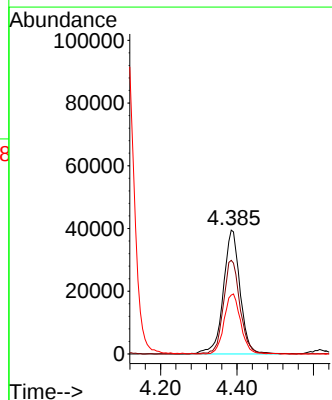
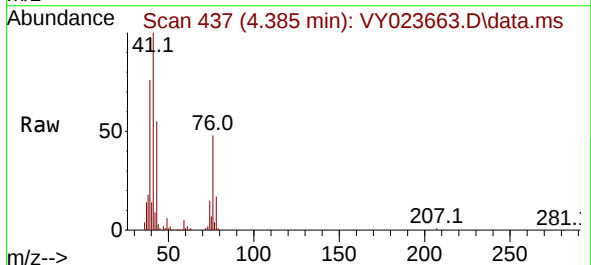
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

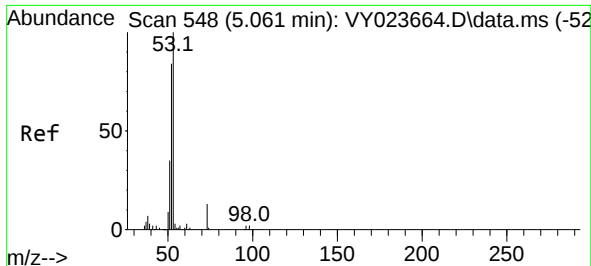
Tgt Ion: 56 Resp: 42967
Ion Ratio Lower Upper
56 100
55 71.5 56.6 84.8



#14
Allyl chloride
Concen: 20.209 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 41 Resp: 119977
Ion Ratio Lower Upper
41 100
39 75.1 60.4 90.6
76 47.6 38.0 57.0

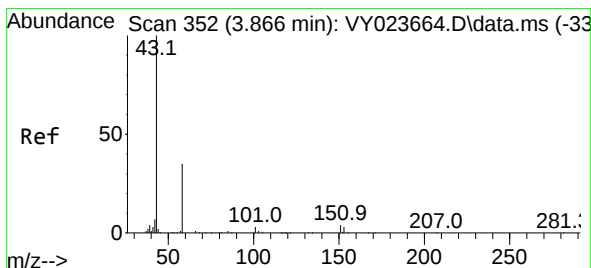
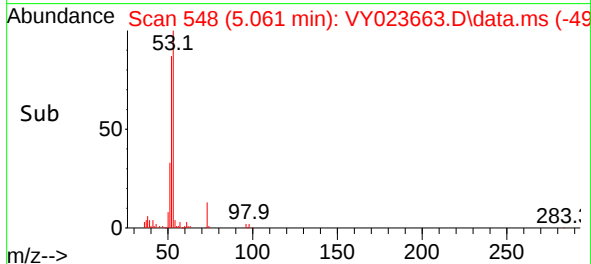
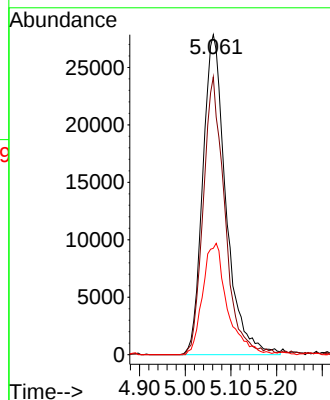
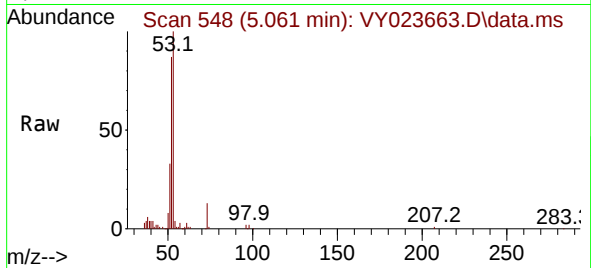




#15
Acrylonitrile
Concen: 103.998 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

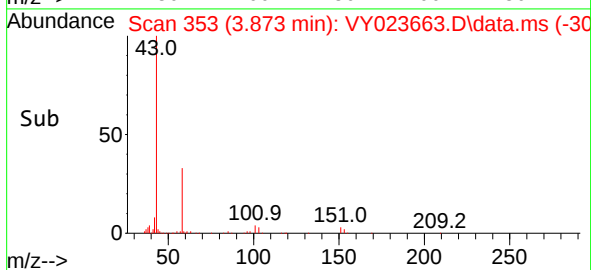
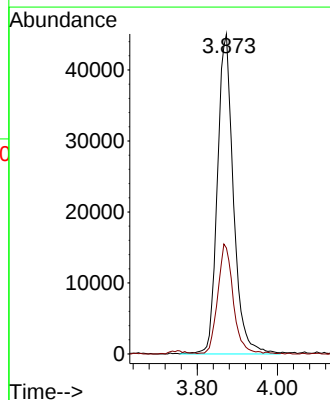
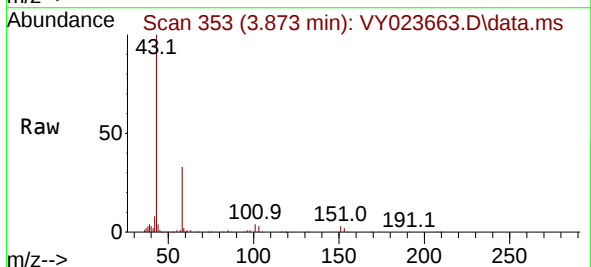
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

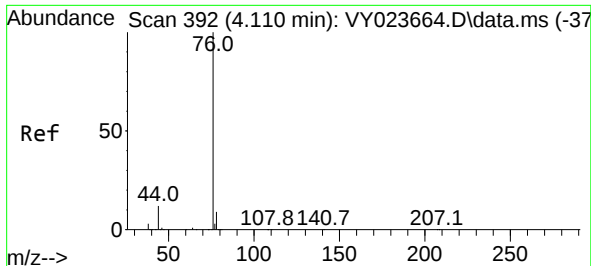
Tgt Ion: 53	Resp: 97947
Ion Ratio	Lower Upper
53 100	
52 81.0	64.9 97.3
51 36.9	29.4 44.0



#16
Acetone
Concen: 108.051 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 43	Resp: 125071
Ion Ratio	Lower Upper
43 100	
58 32.9	28.2 42.4

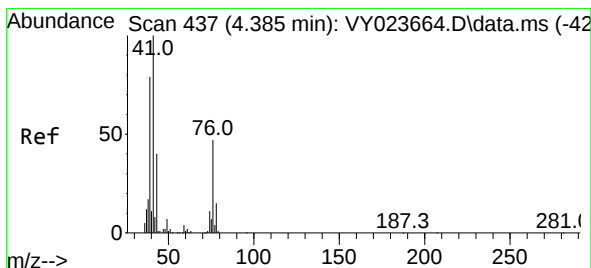
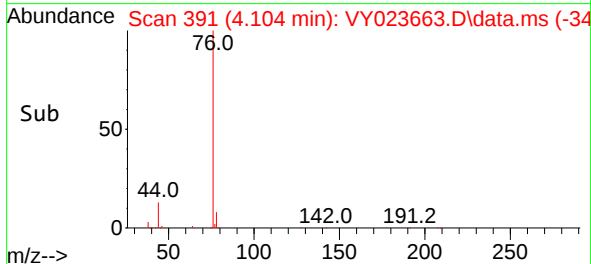
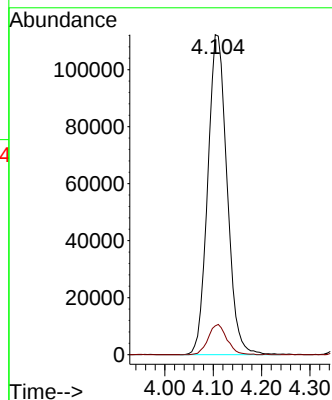
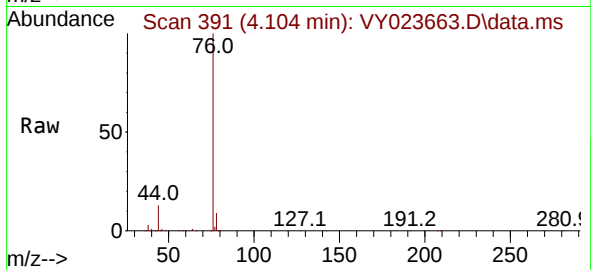




#17
Carbon Disulfide
Concen: 20.768 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

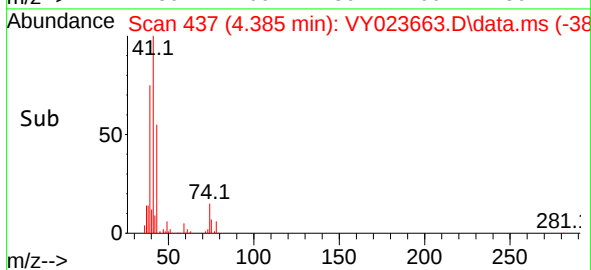
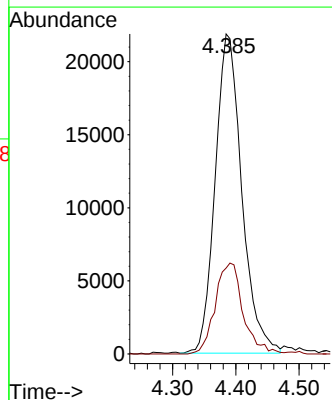
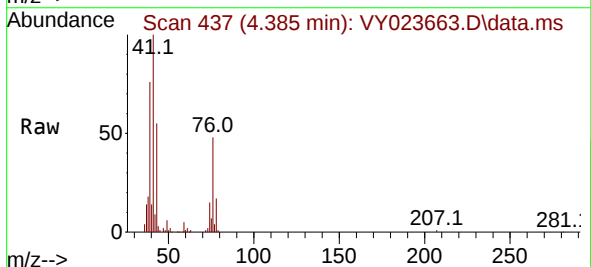
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

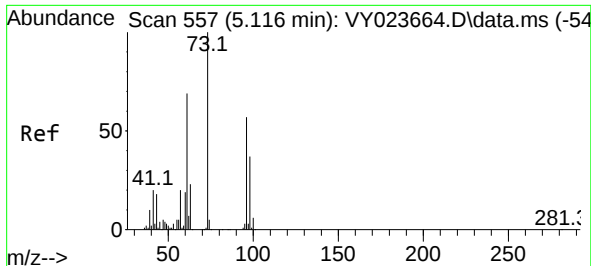
Tgt Ion: 76 Resp: 310907
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 24.993 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 43 Resp: 63810
Ion Ratio Lower Upper
43 100
74 29.8 22.5 33.7

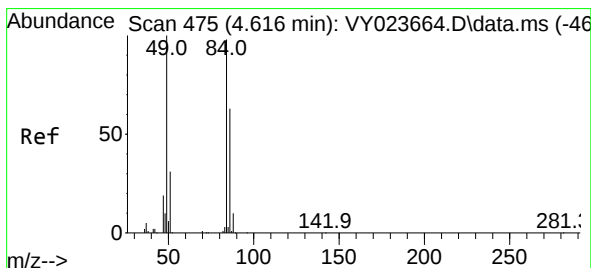
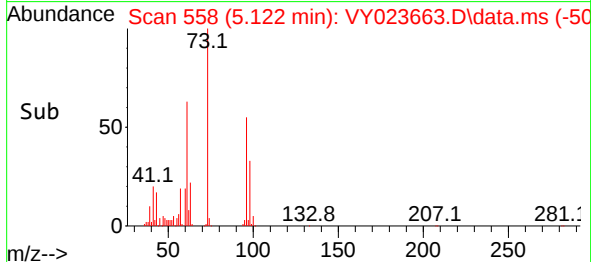
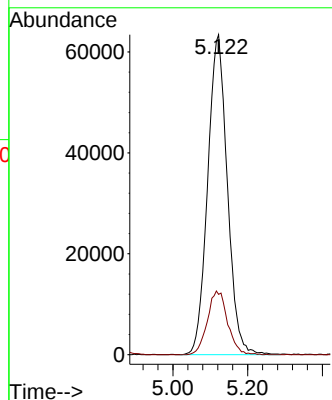
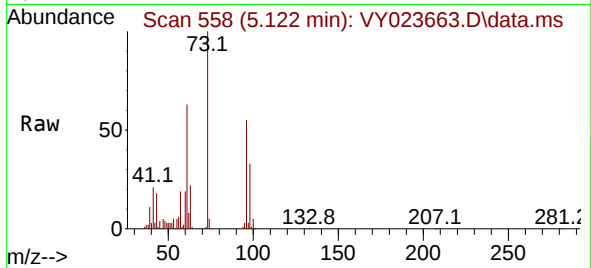




#19
Methyl tert-butyl Ether
Concen: 20.450 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

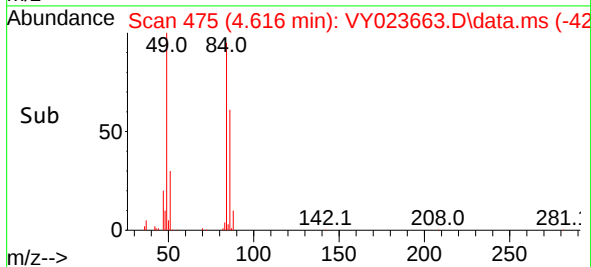
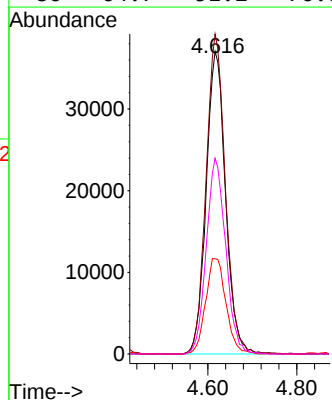
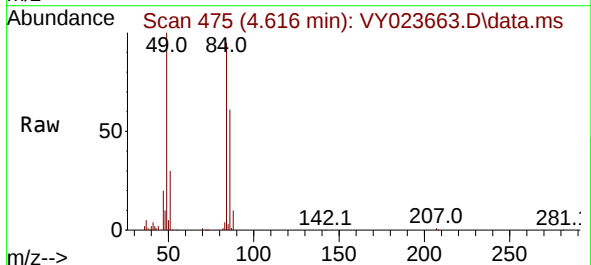
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

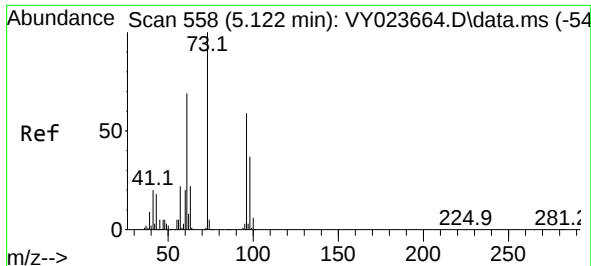
Tgt Ion: 73 Resp: 231292
Ion Ratio Lower Upper
73 100
57 18.8 16.1 24.1



#20
Methylene Chloride
Concen: 20.107 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 84 Resp: 112357
Ion Ratio Lower Upper
84 100
49 105.8 81.5 122.3
51 31.4 25.5 38.3
86 64.7 51.2 76.8

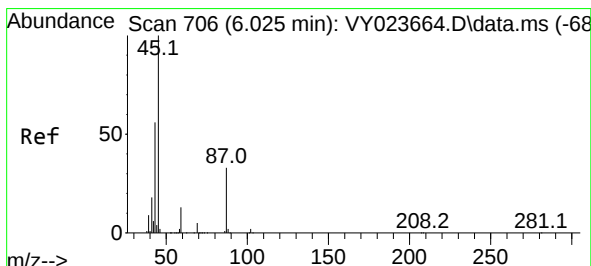
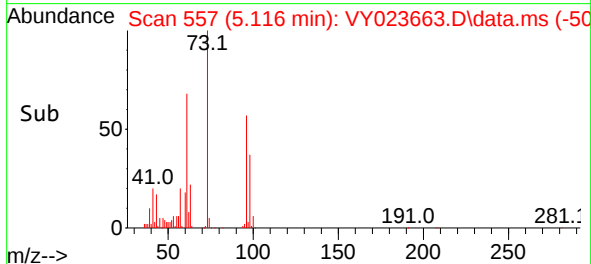
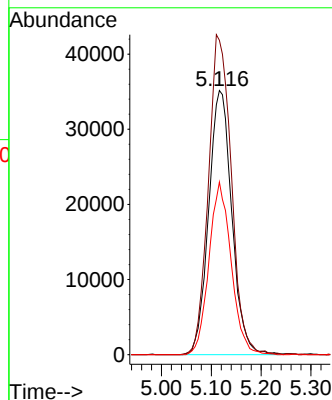
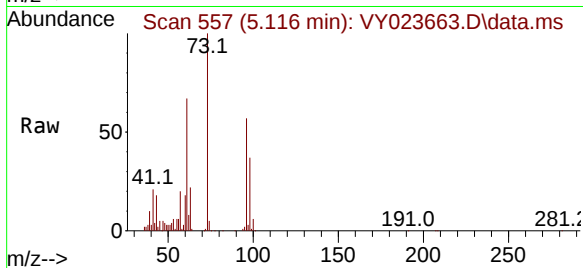




#21
trans-1,2-Dichloroethene
Concen: 20.620 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

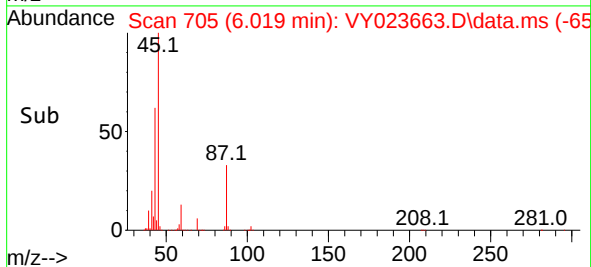
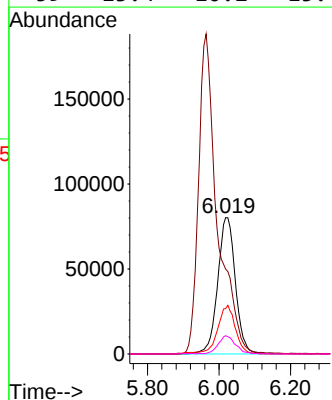
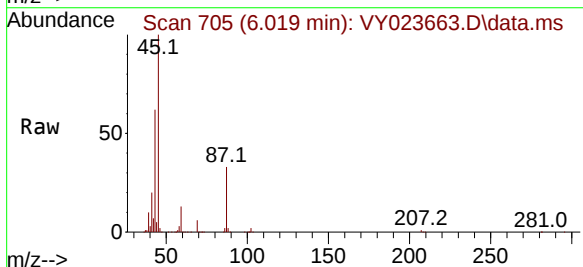
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

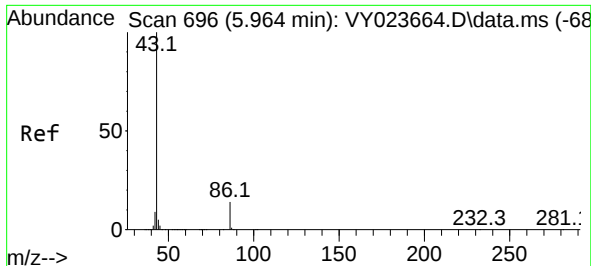
Tgt Ion: 96 Resp: 113402
Ion Ratio Lower Upper
96 100
61 119.1 93.3 139.9
98 65.4 50.6 75.8



#22
Diisopropyl ether
Concen: 20.856 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 45 Resp: 275900
Ion Ratio Lower Upper
45 100
43 62.1 44.7 67.1
87 33.3 27.2 40.8
59 13.4 10.2 15.4

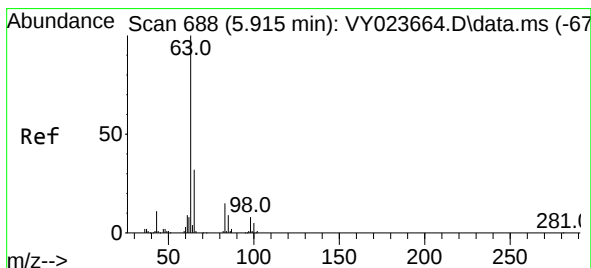
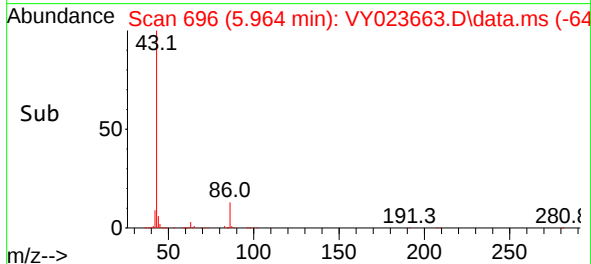
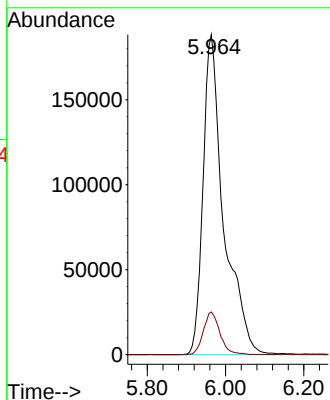
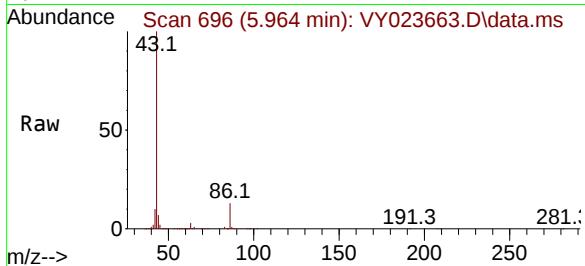




#23
 Vinyl Acetate
 Concen: 97.564 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023663.D
 Acq: 04 Nov 2025 10:19

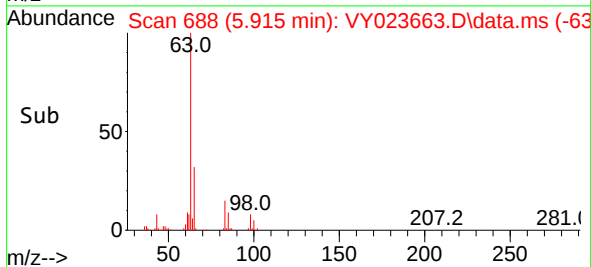
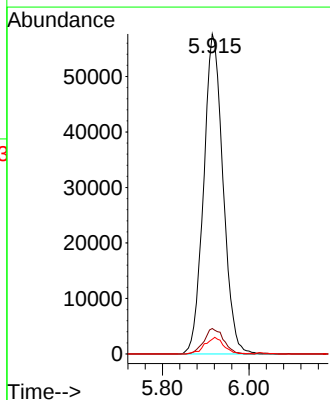
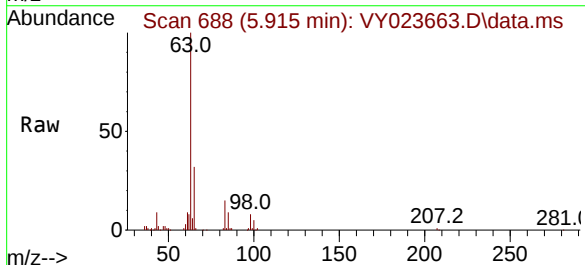
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

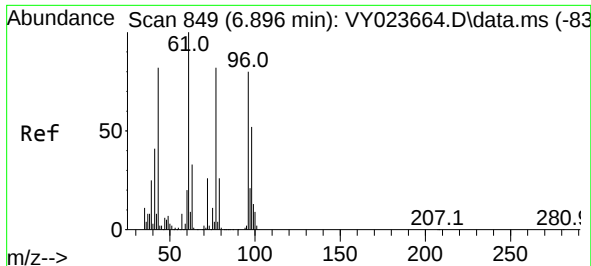
Tgt Ion: 43 Resp: 688746
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 20.365 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023663.D
 Acq: 04 Nov 2025 10:19

Tgt Ion: 63 Resp: 179473
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 4.6 2.6 7.8





#25

2-Butanone

Concen: 105.975 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

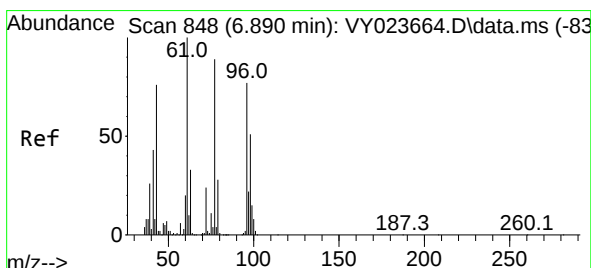
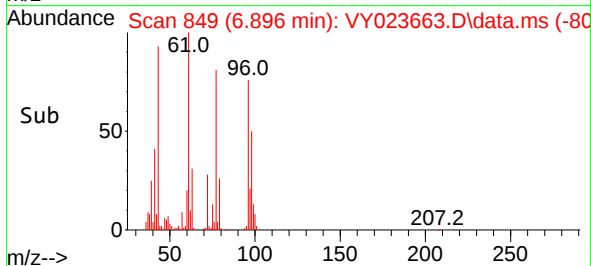
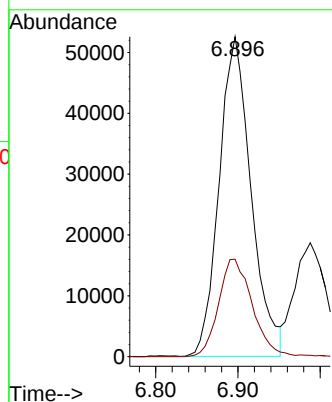
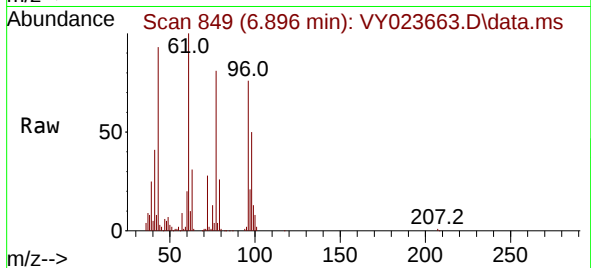
VSTDICC020

Tgt Ion: 43 Resp: 141827

Ion Ratio Lower Upper

43 100

72 30.5 25.7 38.5



#26

2,2-Dichloropropane

Concen: 19.986 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY023663.D

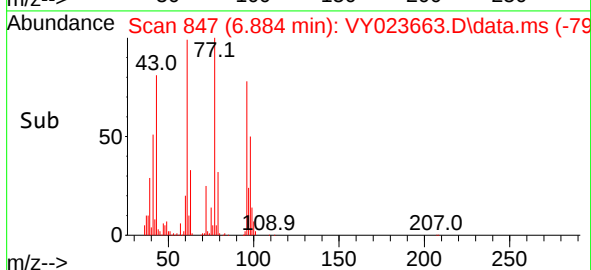
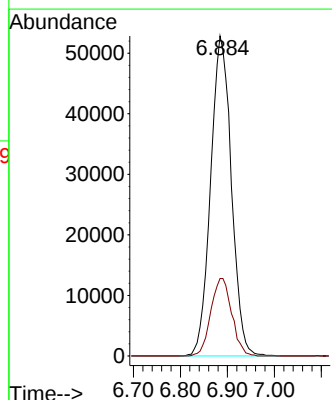
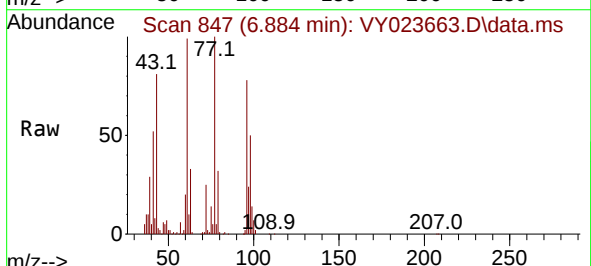
Acq: 04 Nov 2025 10:19

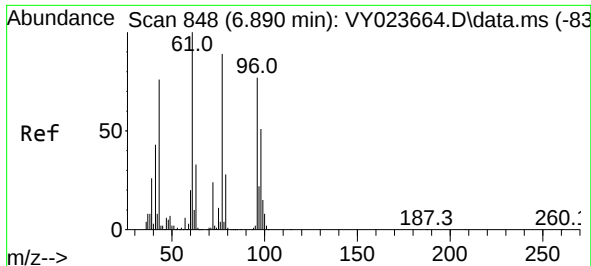
Tgt Ion: 77 Resp: 162022

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.971 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

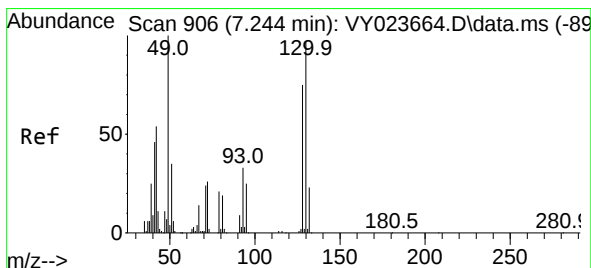
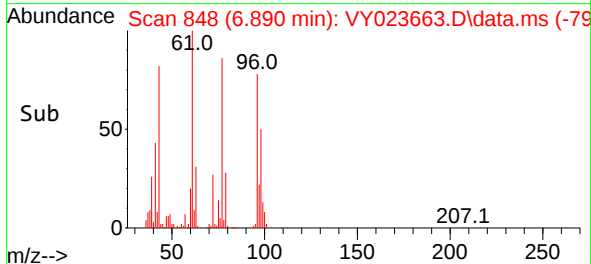
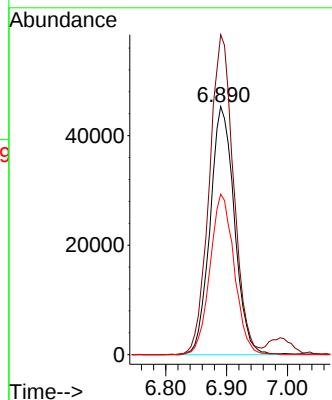
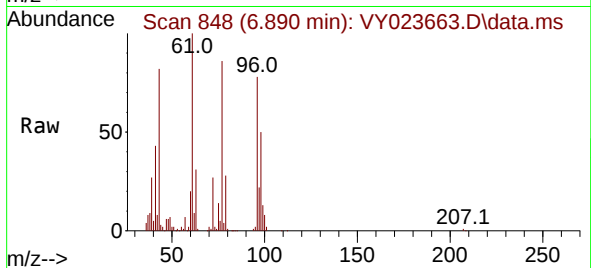
Tgt Ion: 96 Resp: 125435

Ion Ratio Lower Upper

96 100

61 129.3 0.0 255.0

98 64.6 0.0 129.8



#28

Bromochloromethane

Concen: 21.291 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

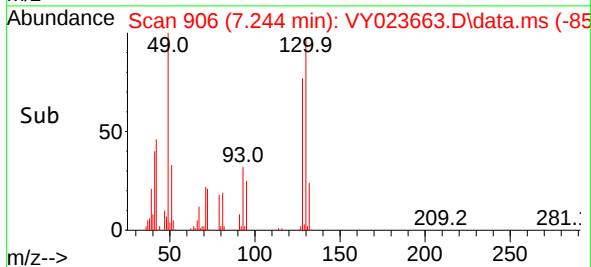
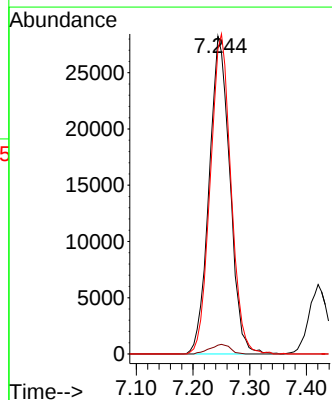
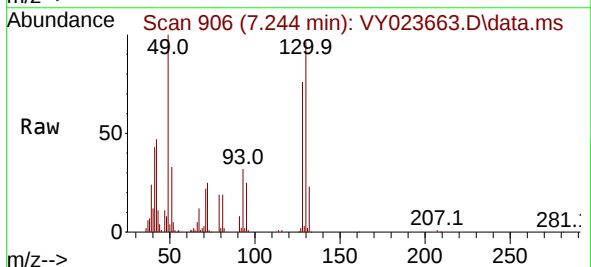
Tgt Ion: 49 Resp: 71844

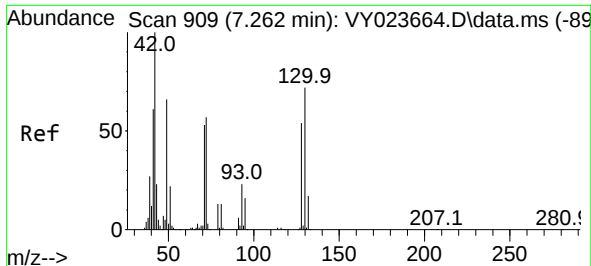
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.0

130 99.9 80.1 120.1





#29

Tetrahydrofuran

Concen: 104.407 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

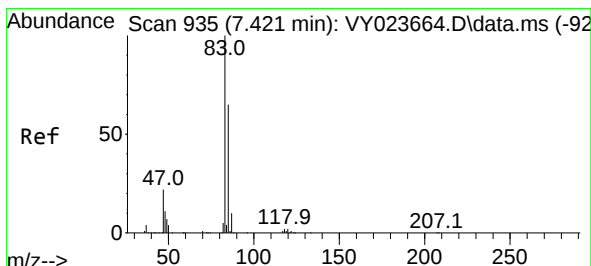
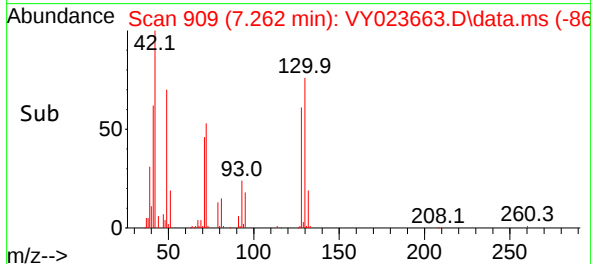
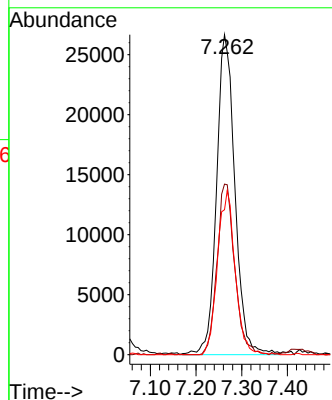
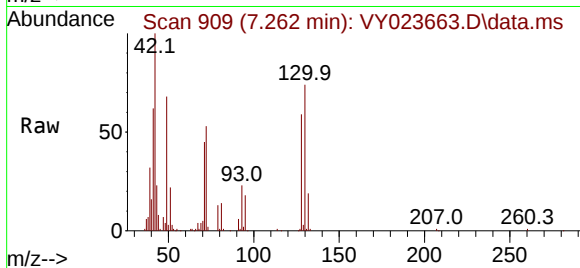
Tgt Ion: 42 Resp: 74415

Ion Ratio Lower Upper

42 100

72 51.4 43.4 65.2

71 49.3 40.7 61.1



#30

Chloroform

Concen: 20.402 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023663.D

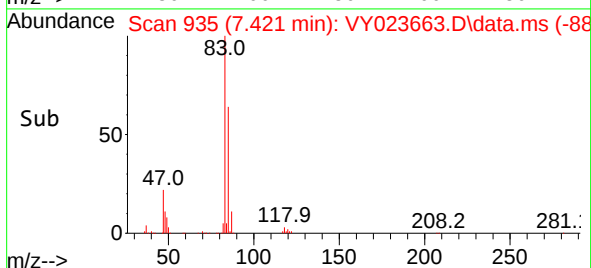
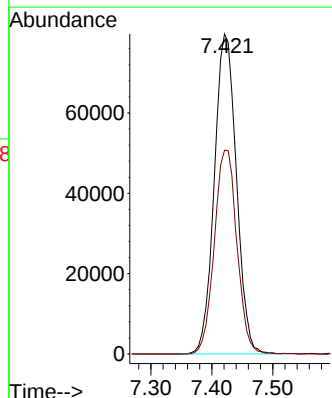
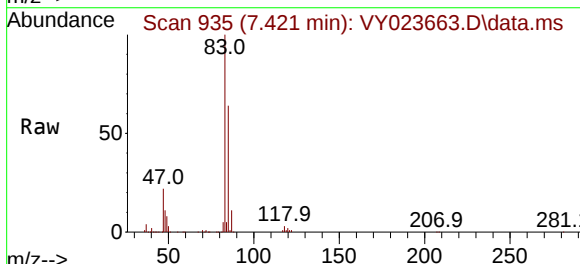
Acq: 04 Nov 2025 10:19

Tgt Ion: 83 Resp: 200613

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

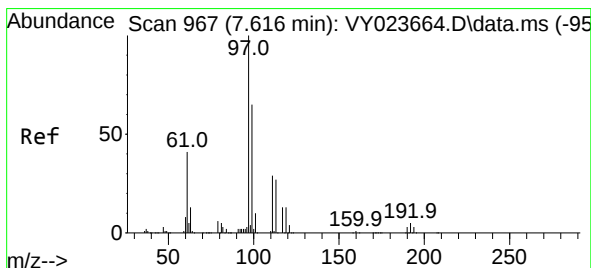
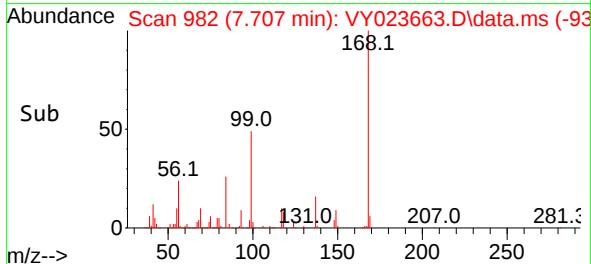
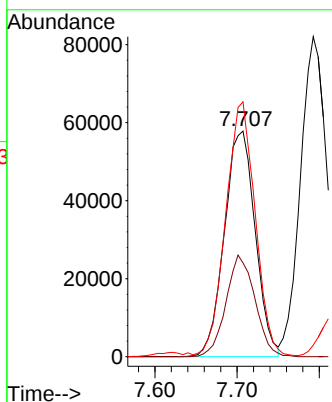
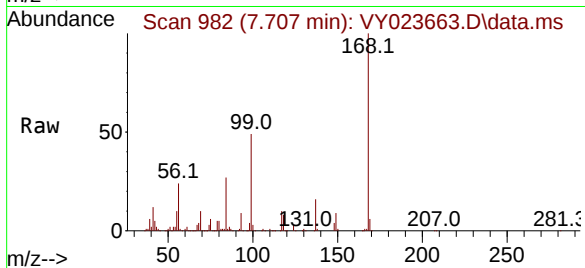




#31
Cyclohexane
Concen: 19.699 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

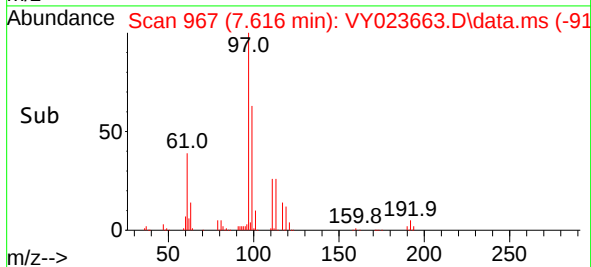
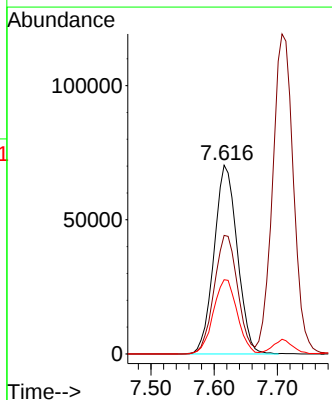
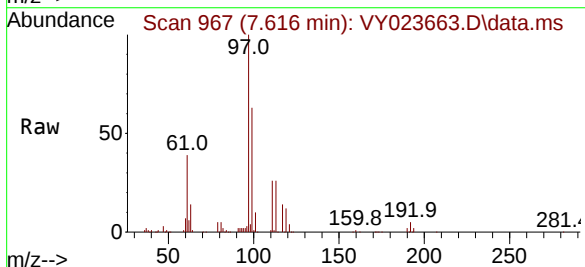
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

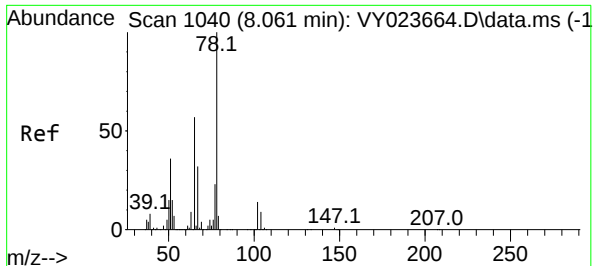
Tgt Ion: 56 Resp: 151188
Ion Ratio Lower Upper
56 100
69 41.5 30.5 45.7
84 111.4 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.382 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 97 Resp: 179118
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 40.5 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 19.995 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

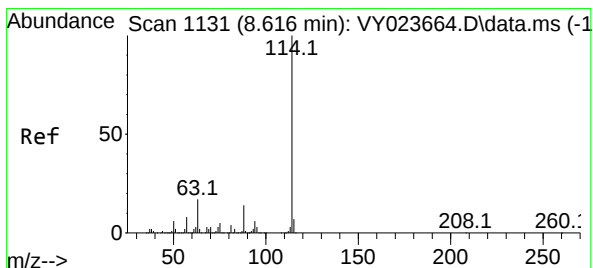
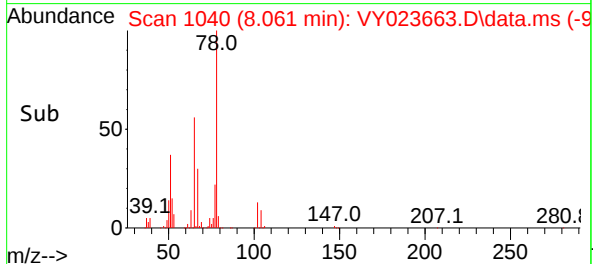
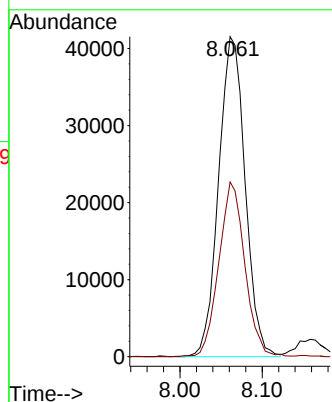
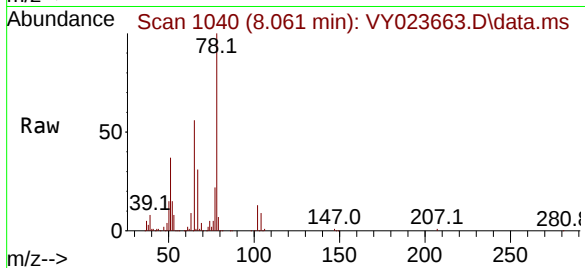
VSTDICC020

Tgt Ion: 65 Resp: 93111

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

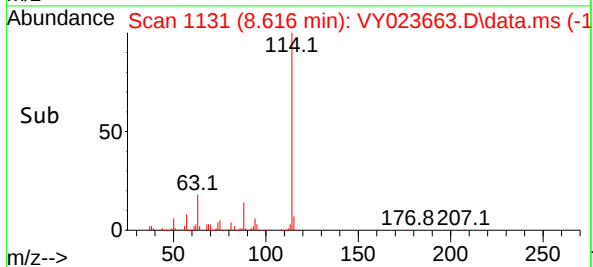
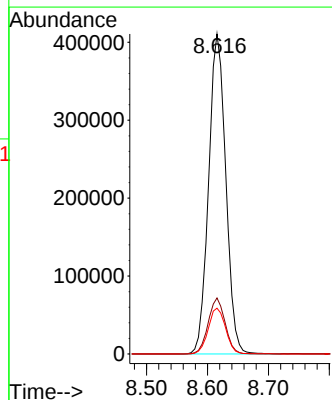
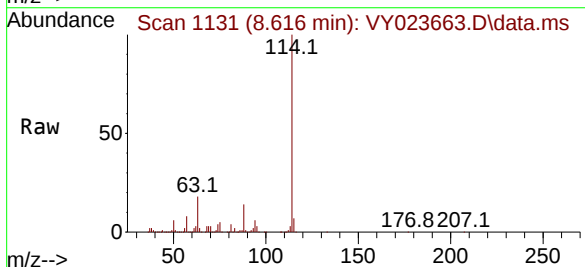
Tgt Ion: 114 Resp: 804973

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.3 0.0 29.0

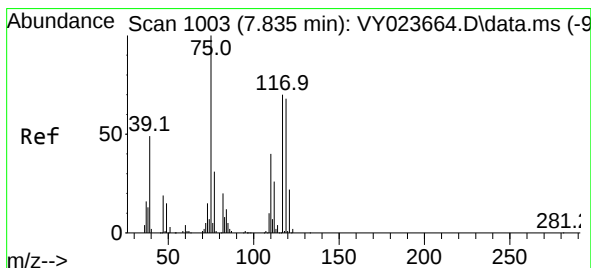
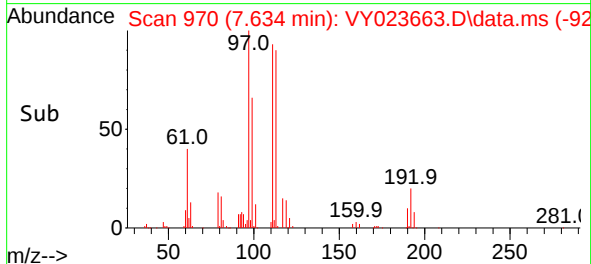
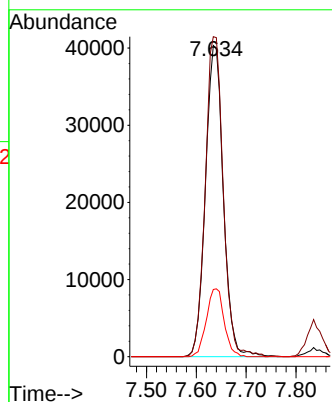
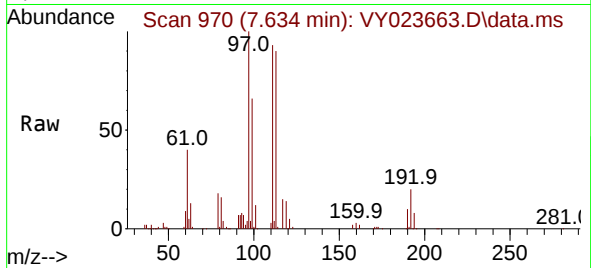




#35
Dibromofluoromethane
Concen: 19.972 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

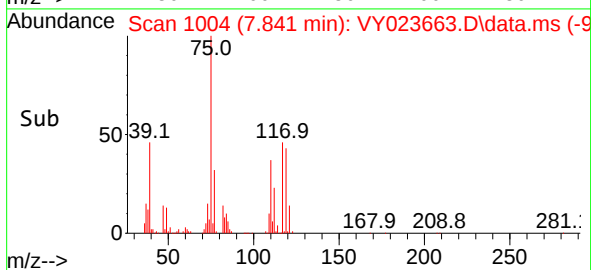
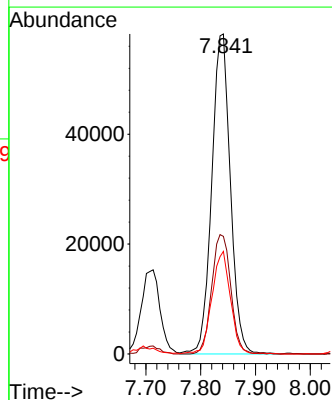
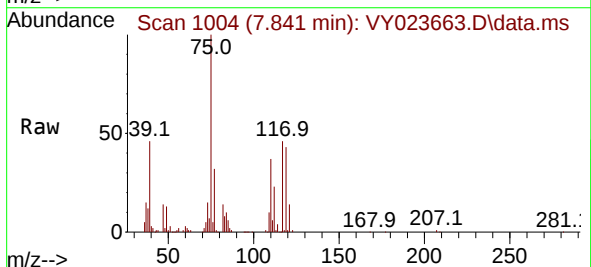
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 100472
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.7 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.447 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 75 Resp: 137450
Ion Ratio Lower Upper
75 100
110 38.2 19.7 59.0
77 31.5 25.2 37.8

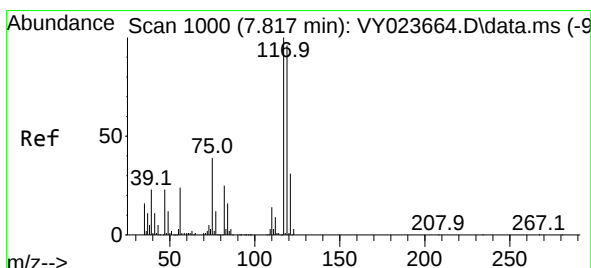
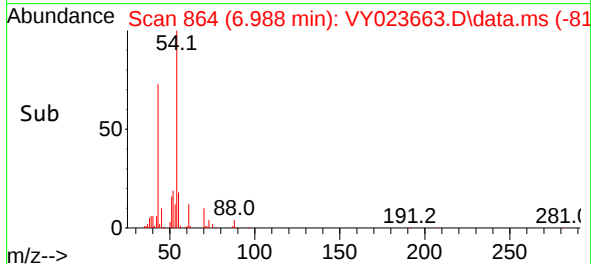
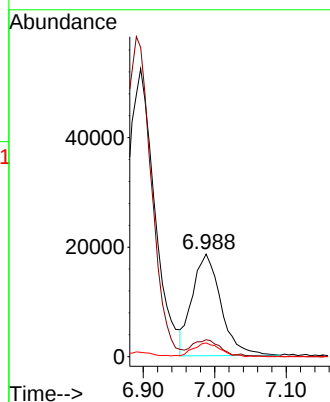
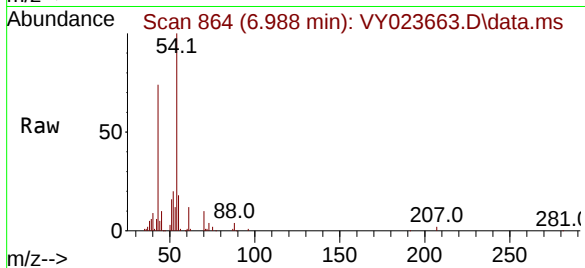




#37
Ethyl Acetate
Concen: 19.916 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

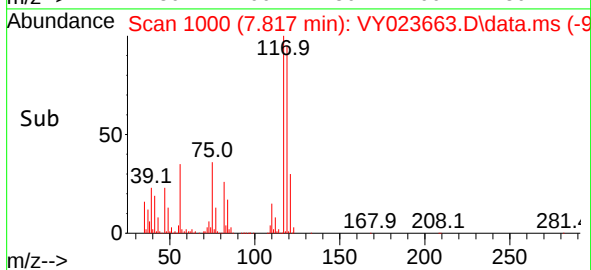
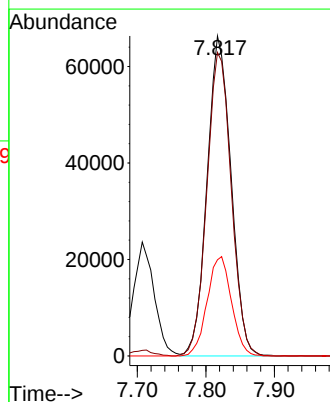
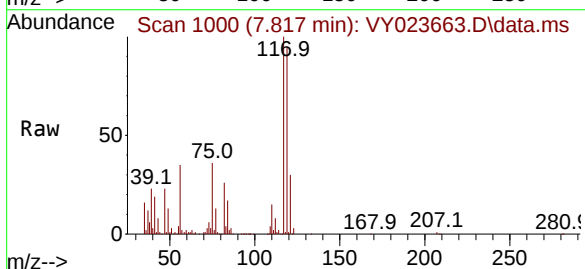
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

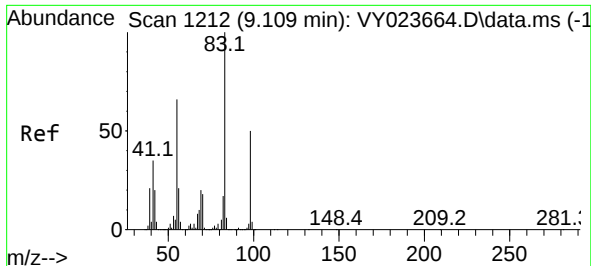
Tgt Ion: 43 Resp: 51827
Ion Ratio Lower Upper
43 100
61 16.9 12.4 18.6
70 12.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 20.353 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 117 Resp: 161201
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 20.098 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

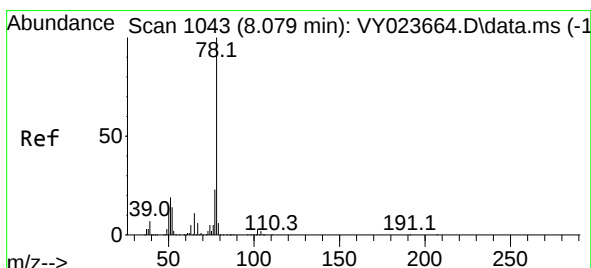
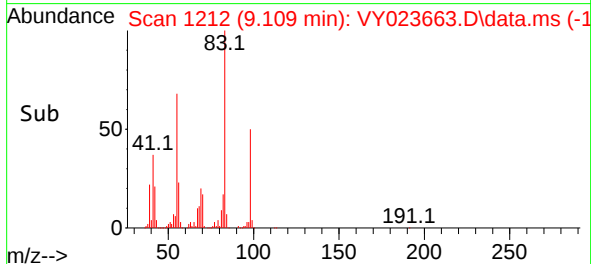
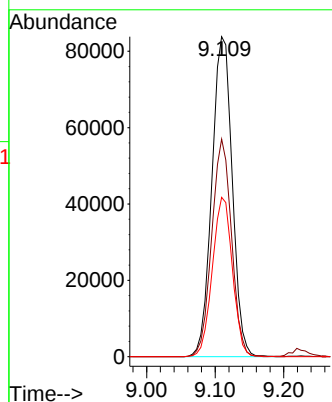
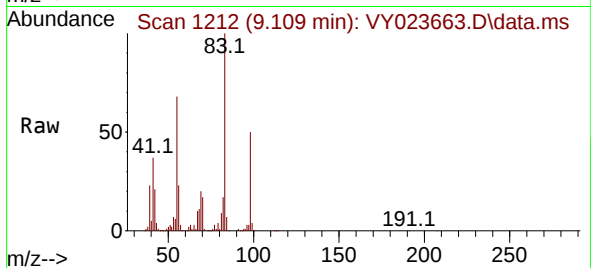
Tgt Ion: 83 Resp: 172623

Ion Ratio Lower Upper

83 100

55 68.0 52.6 78.8

98 49.8 39.7 59.5



#40

Benzene

Concen: 20.586 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023663.D

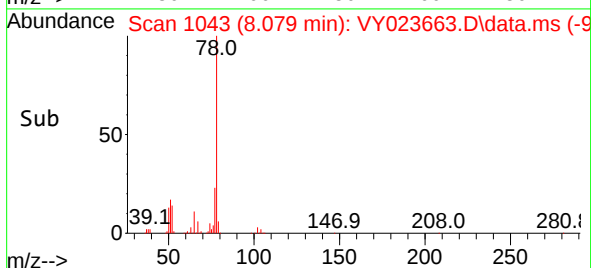
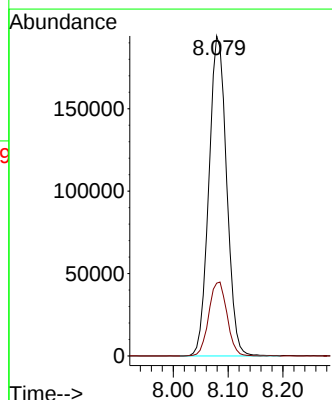
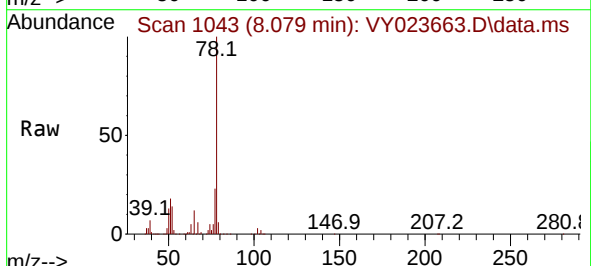
Acq: 04 Nov 2025 10:19

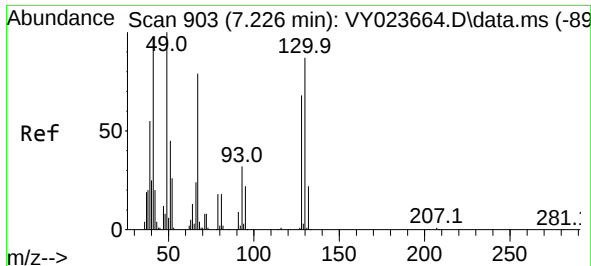
Tgt Ion: 78 Resp: 436191

Ion Ratio Lower Upper

78 100

77 22.7 18.8 28.2

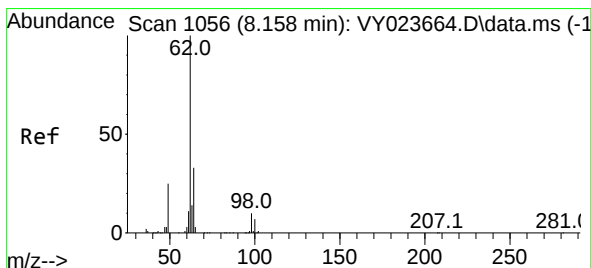
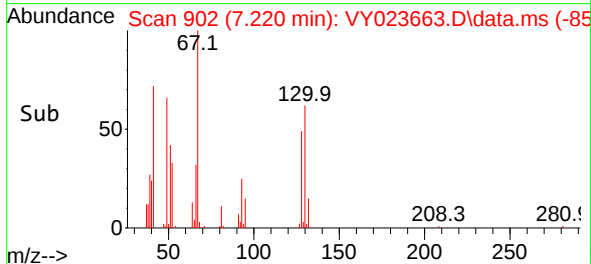
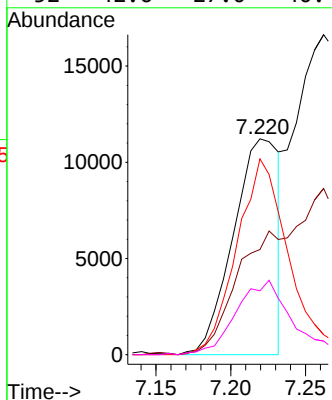
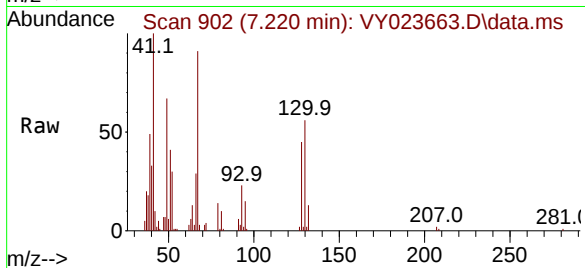




#41
Methacrylonitrile
Concen: 17.198 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

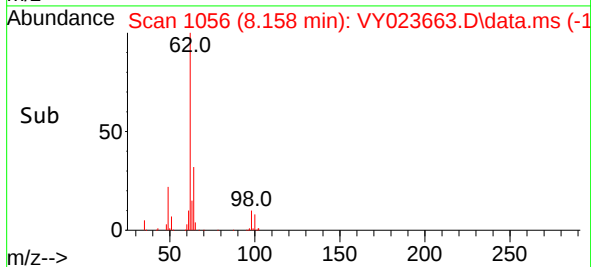
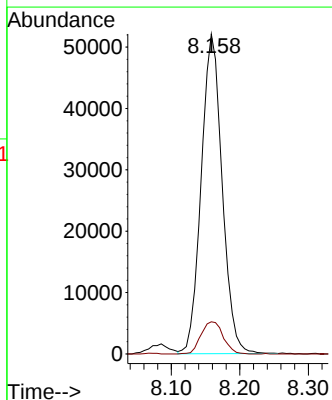
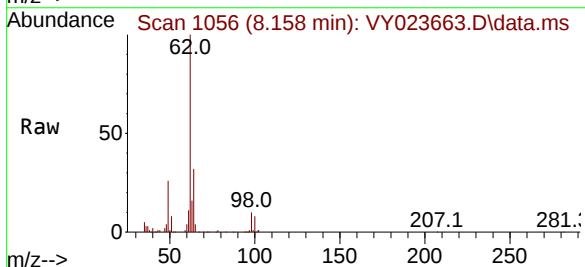
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

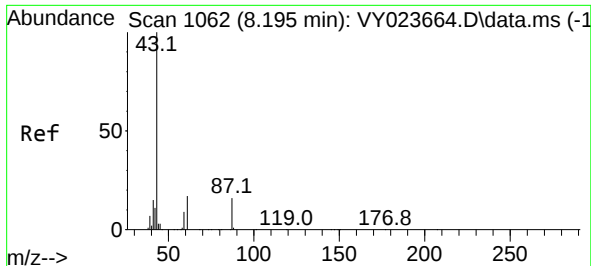
Tgt Ion: 41 Resp: 23872
Ion Ratio Lower Upper
41 100
39 0.0 38.6 57.8#
67 103.8 71.3 106.9
52 42.6 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 20.669 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 62 Resp: 110796
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0

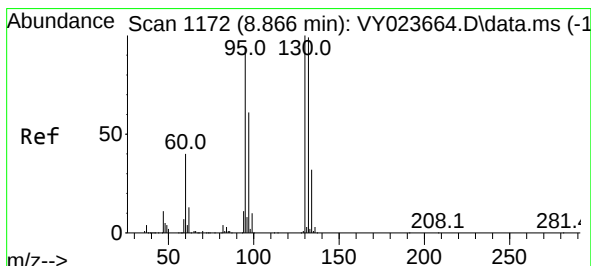
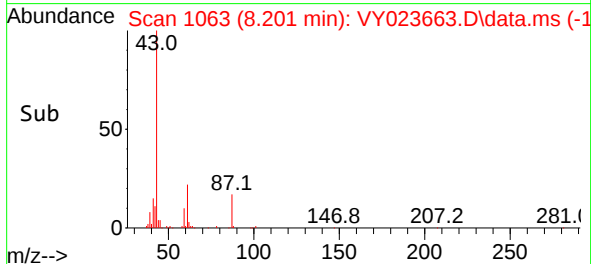
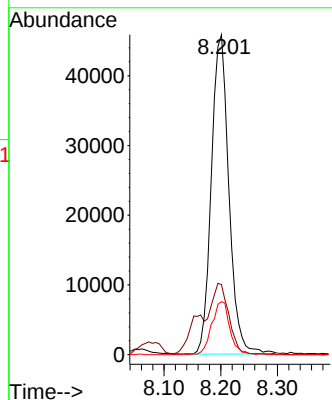
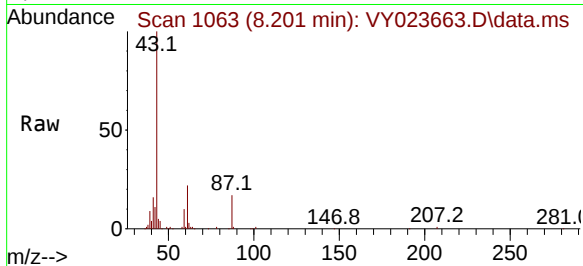




#43
Isopropyl Acetate
Concen: 20.148 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

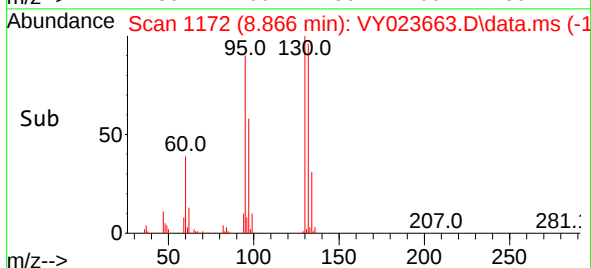
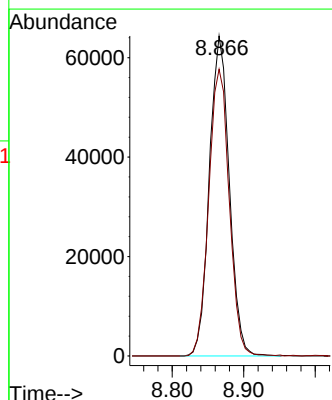
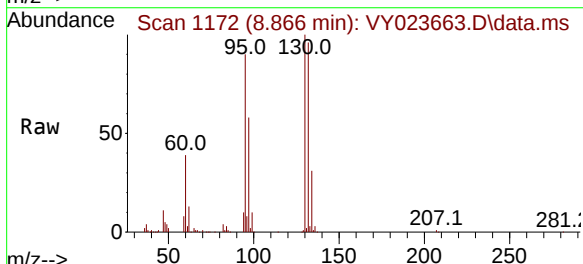
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

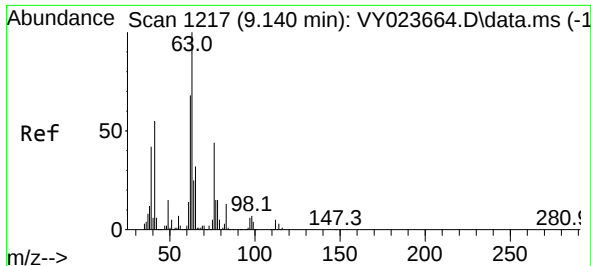
Tgt Ion: 43 Resp: 98512
Ion Ratio Lower Upper
43 100
61 23.0 18.2 27.2
87 17.1 13.3 19.9



#44
Trichloroethene
Concen: 20.468 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:130 Resp: 124567
Ion Ratio Lower Upper
130 100
95 89.6 0.0 187.0





#45

1,2-Dichloropropane

Concen: 20.632 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

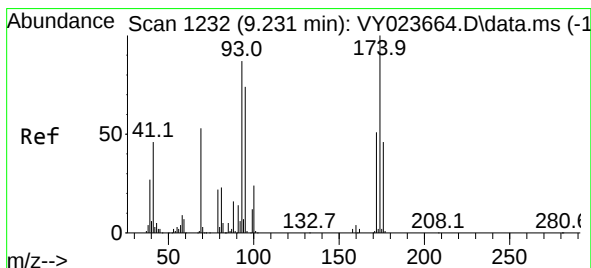
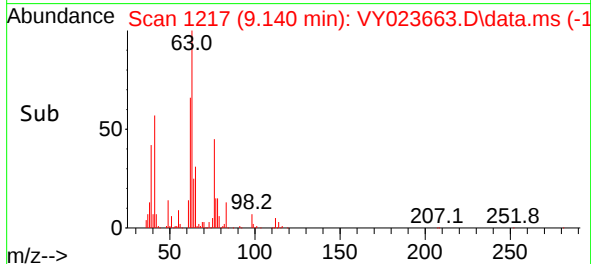
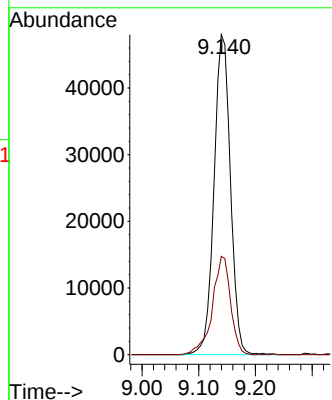
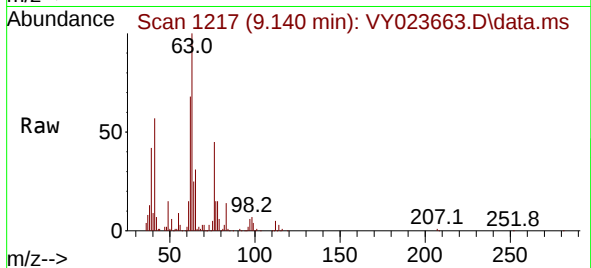
VSTDICC020

Tgt Ion: 63 Resp: 96481

Ion Ratio Lower Upper

63 100

65 30.7 25.6 38.4



#46

Dibromomethane

Concen: 21.188 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

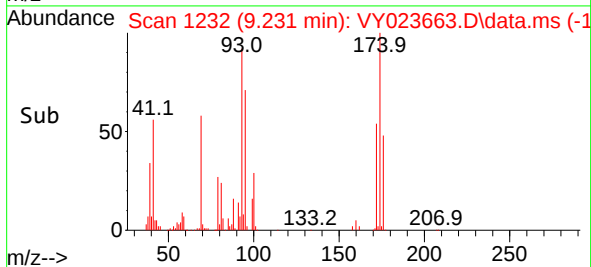
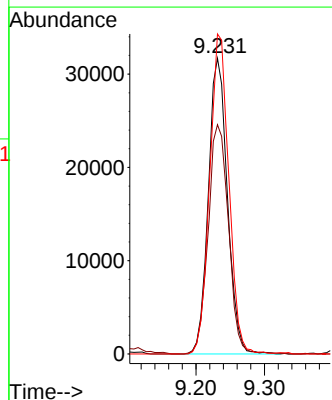
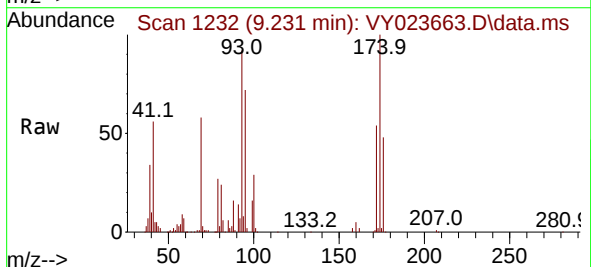
Tgt Ion: 93 Resp: 61391

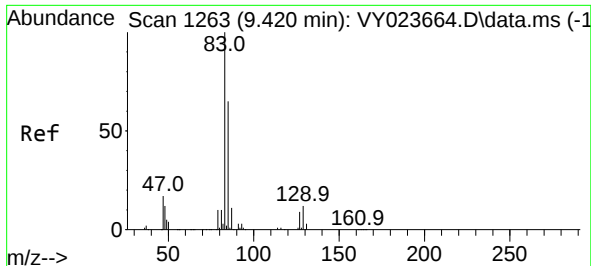
Ion Ratio Lower Upper

93 100

95 82.6 67.4 101.2

174 108.5 89.4 134.0

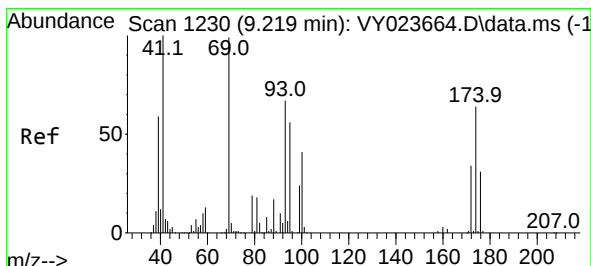
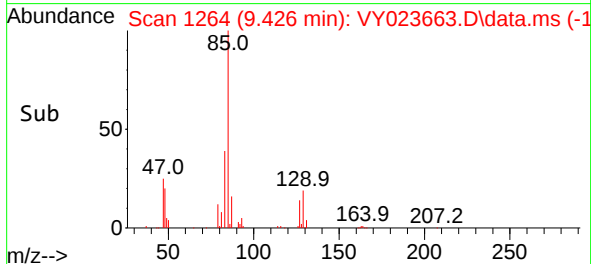
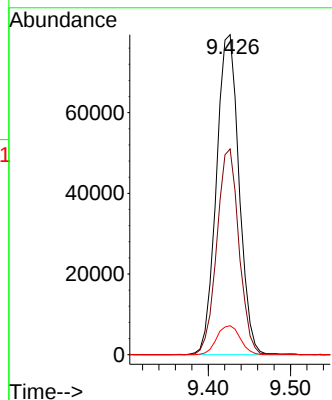
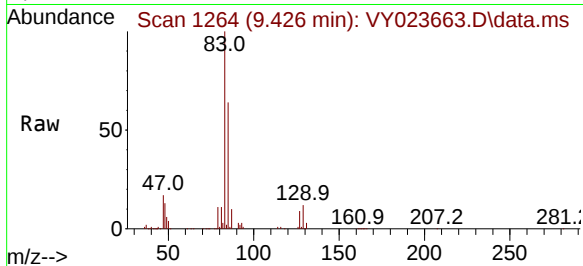




#47
Bromodichloromethane
Concen: 20.767 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

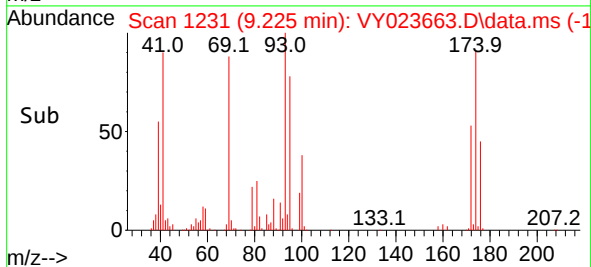
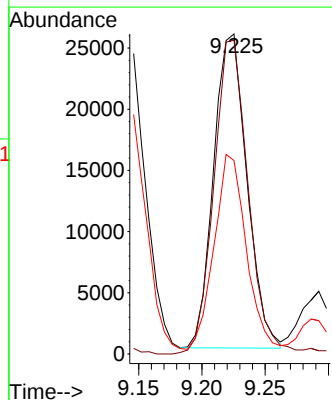
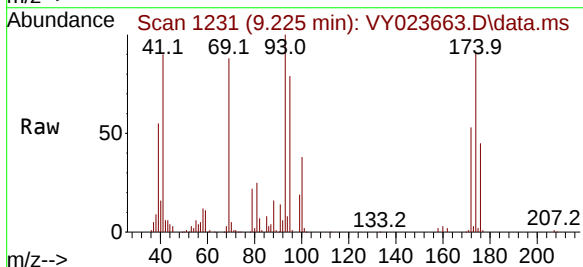
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

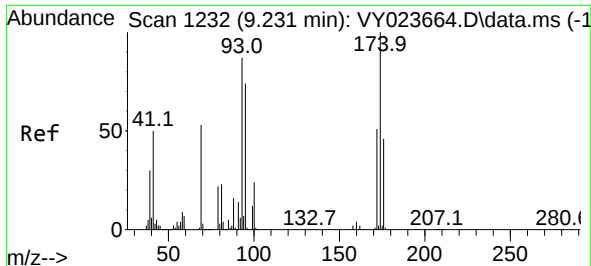
Tgt Ion: 83 Resp: 151710
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 9.1 7.5 11.3



#48
Methyl methacrylate
Concen: 20.341 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 41 Resp: 46988
Ion Ratio Lower Upper
41 100
69 102.8 80.2 120.2
39 59.8 47.4 71.0





#49

1,4-Dioxane

Concen: 404.113 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

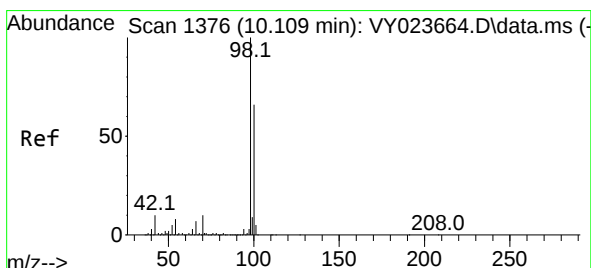
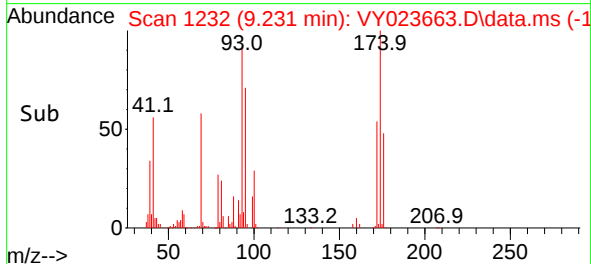
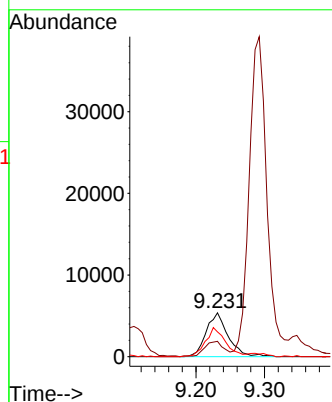
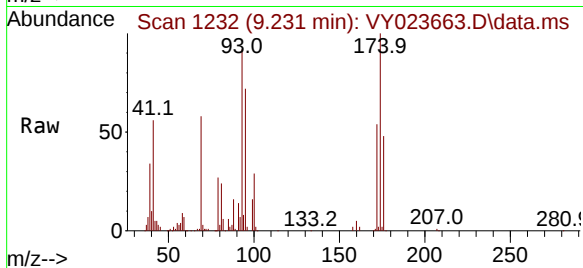
Tgt Ion: 88 Resp: 11983

Ion Ratio Lower Upper

88 100

43 31.2 22.0 33.0

58 60.7 47.8 71.8



#50

Toluene-d8

Concen: 19.839 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023663.D

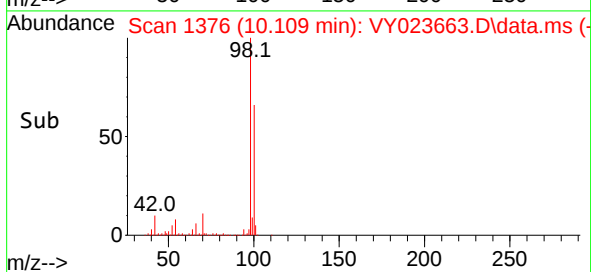
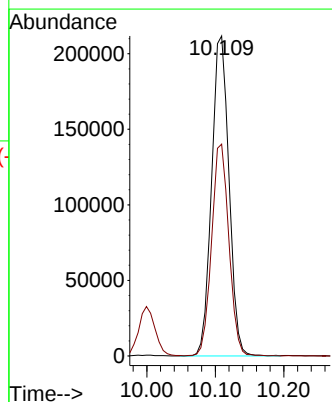
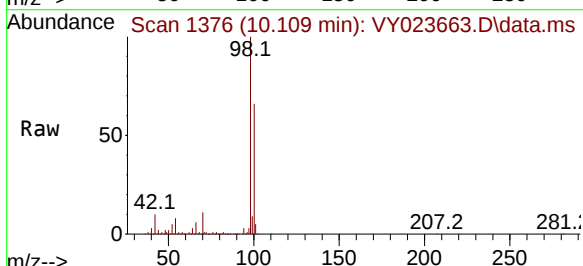
Acq: 04 Nov 2025 10:19

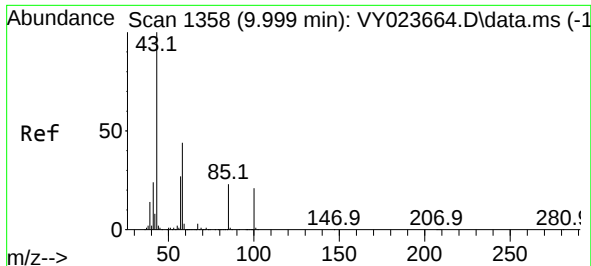
Tgt Ion: 98 Resp: 371763

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 105.327 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

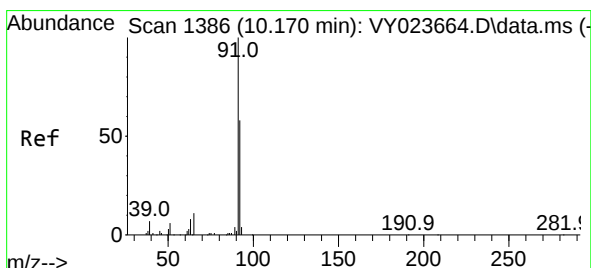
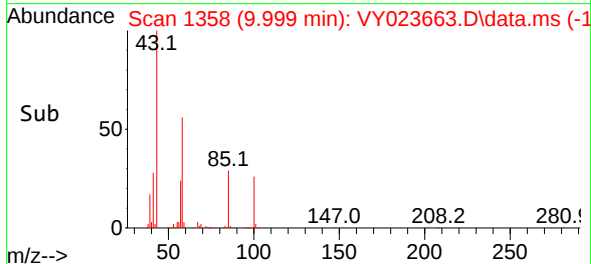
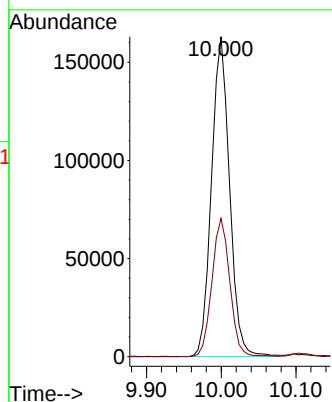
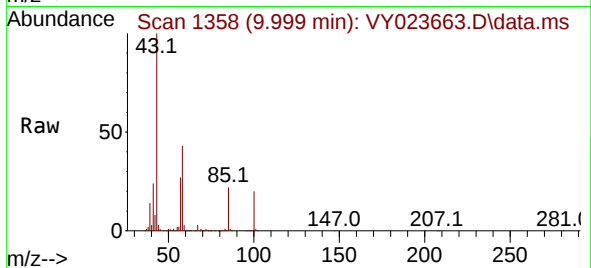
VSTDICC020

Tgt Ion: 43 Resp: 273875

Ion Ratio Lower Upper

43 100

58 42.8 34.8 52.2



#52

Toluene

Concen: 20.799 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023663.D

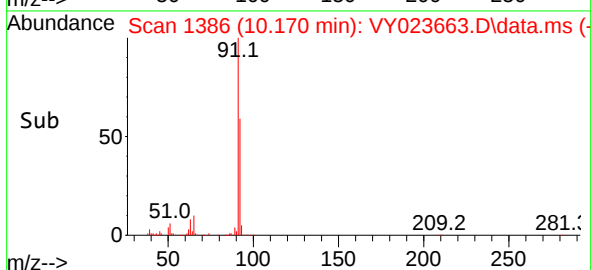
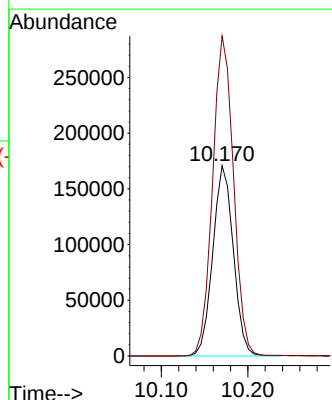
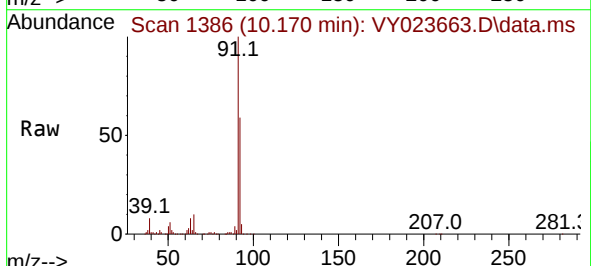
Acq: 04 Nov 2025 10:19

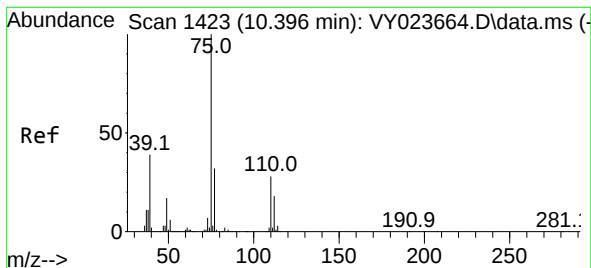
Tgt Ion: 92 Resp: 281364

Ion Ratio Lower Upper

92 100

91 171.5 137.8 206.8

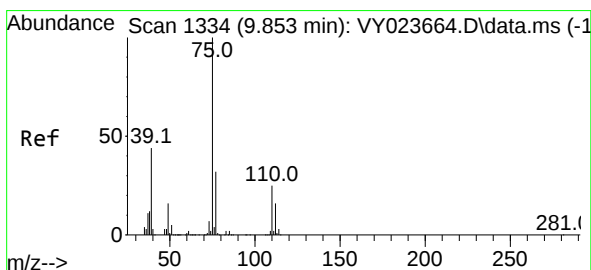
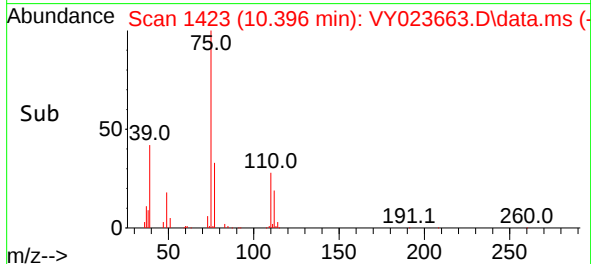
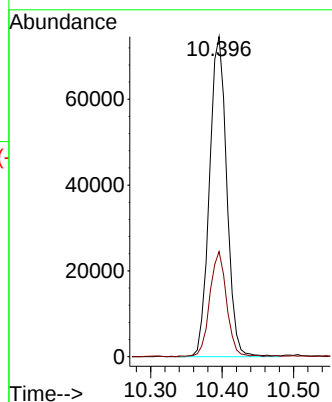
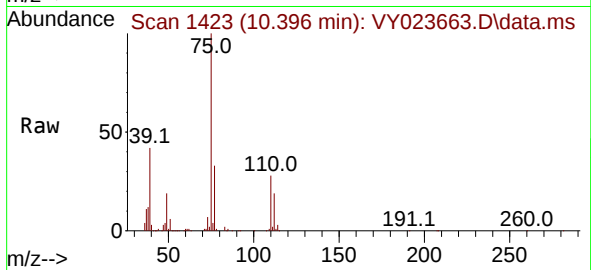




#53
t-1,3-Dichloropropene
Concen: 20.261 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

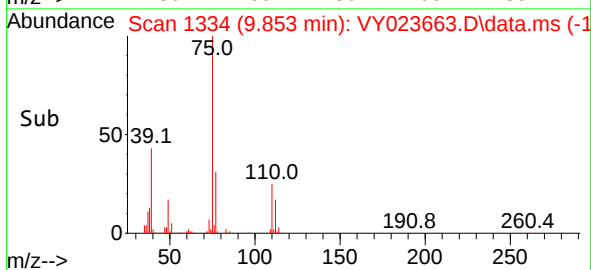
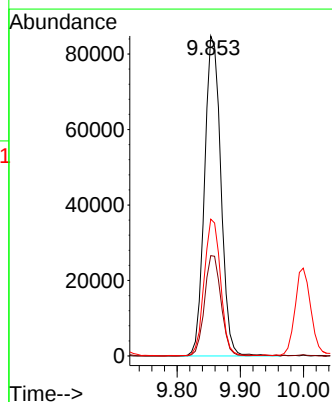
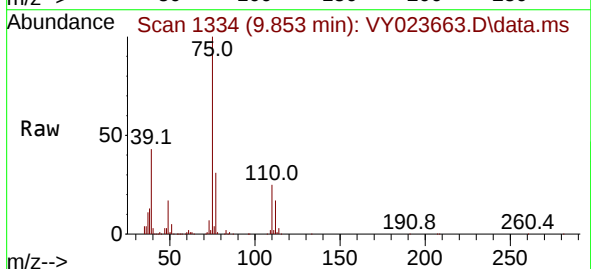
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

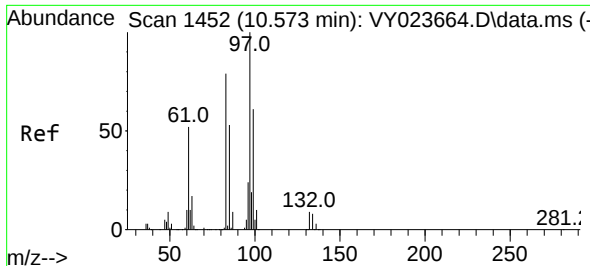
Tgt Ion: 75 Resp: 125239
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.637 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 75 Resp: 152830
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 42.7 34.9 52.3

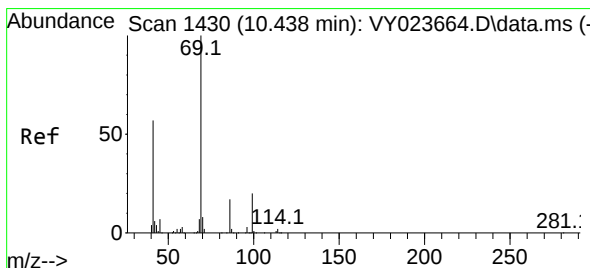
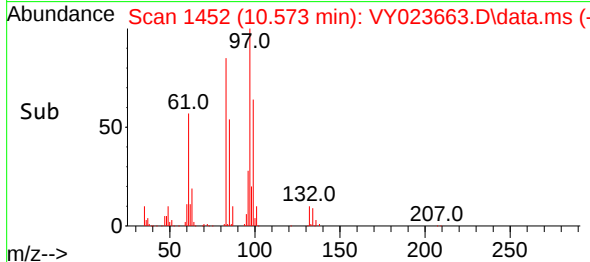
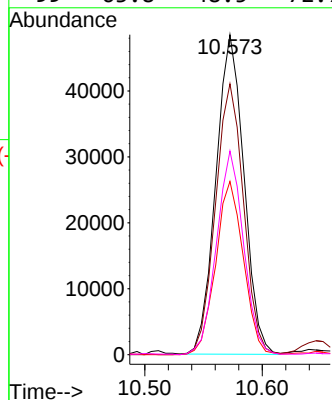
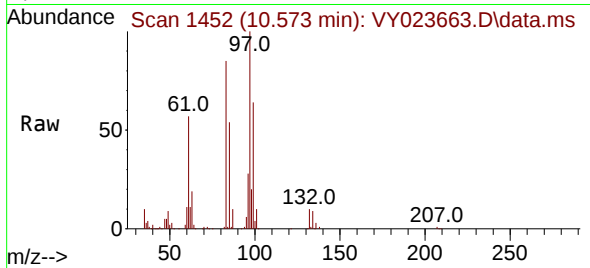




#55
1,1,2-Trichloroethane
Concen: 20.761 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

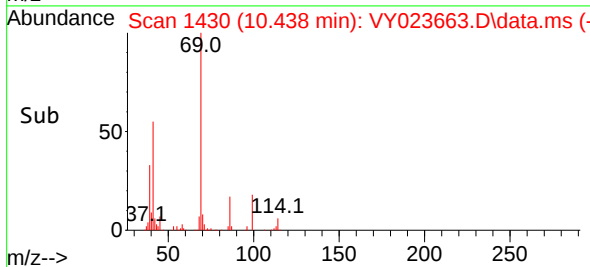
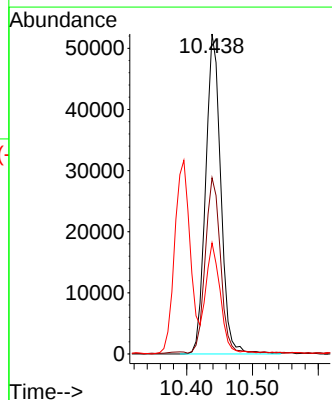
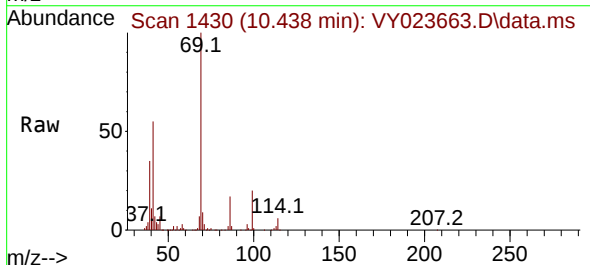
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

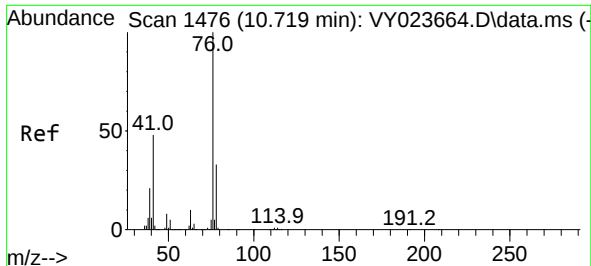
Tgt Ion: 97	Resp: 80390
Ion Ratio	Lower Upper
97 100	
83 84.6	63.3 94.9
85 54.2	42.4 63.6
99 63.8	48.5 72.7



#56
Ethyl methacrylate
Concen: 19.687 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 69	Resp: 83993
Ion Ratio	Lower Upper
69 100	
41 55.1	45.0 67.4
39 32.5	25.1 37.7





#57

1,3-Dichloropropane

Concen: 20.999 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

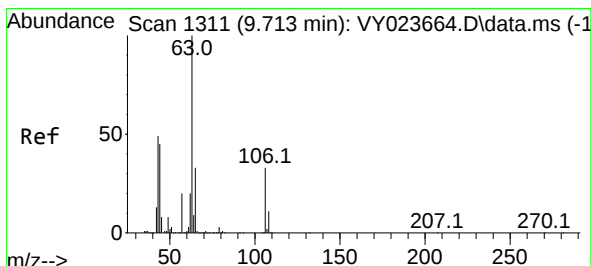
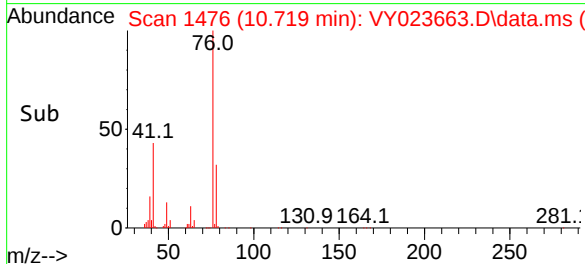
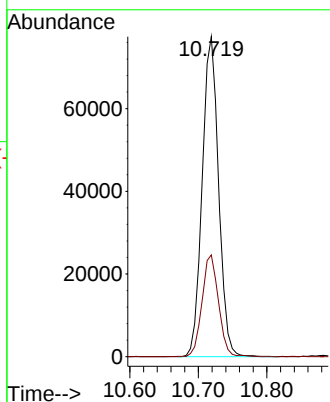
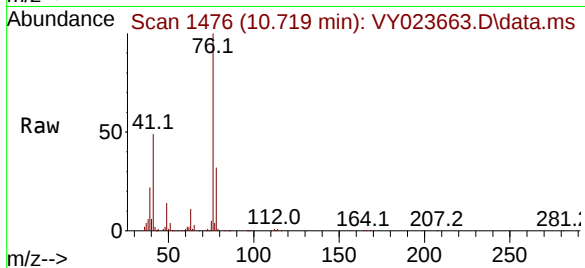
VSTDICC020

Tgt Ion: 76 Resp: 128976

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.178 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023663.D

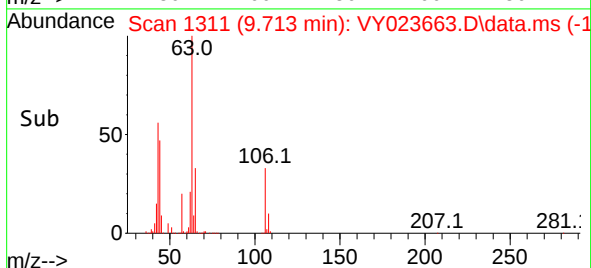
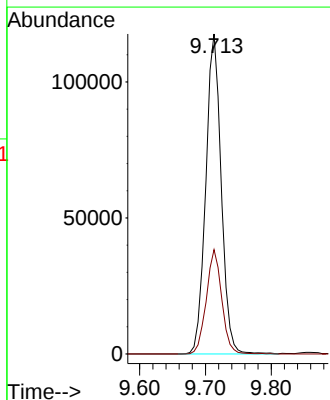
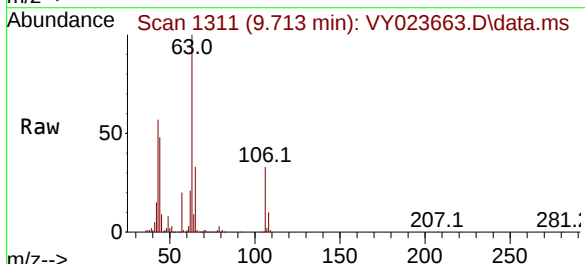
Acq: 04 Nov 2025 10:19

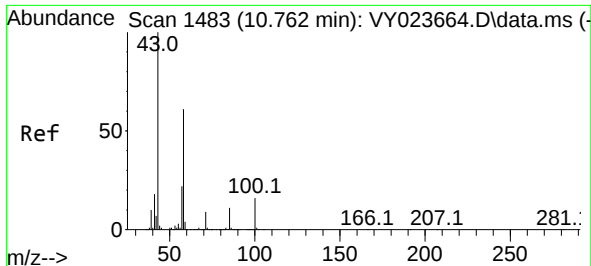
Tgt Ion: 63 Resp: 192206

Ion Ratio Lower Upper

63 100

106 32.6 26.2 39.2

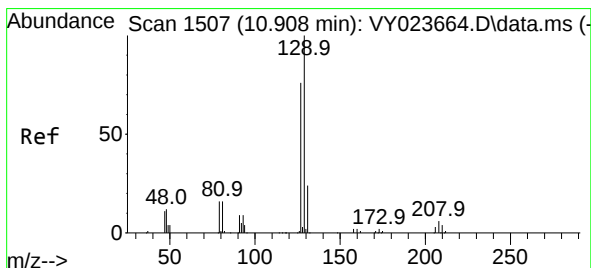
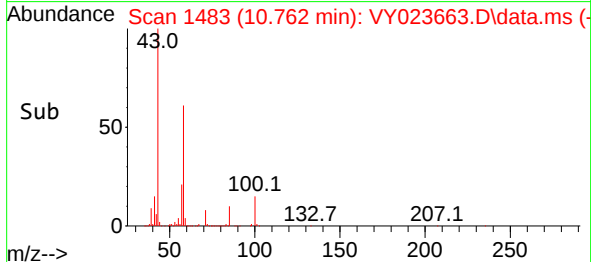
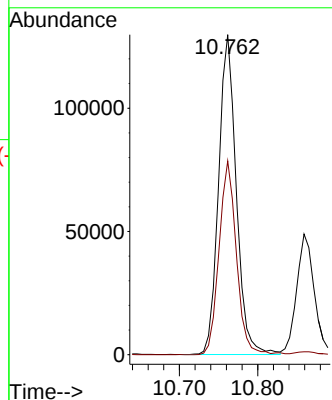
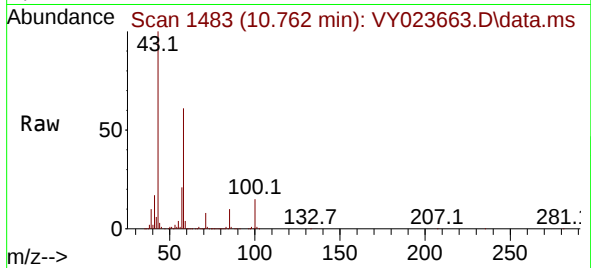




#59
2-Hexanone
Concen: 107.451 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

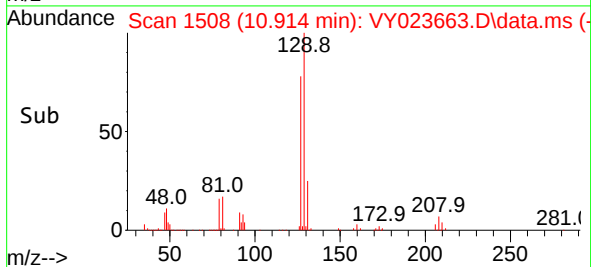
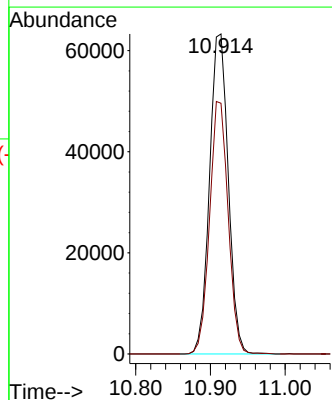
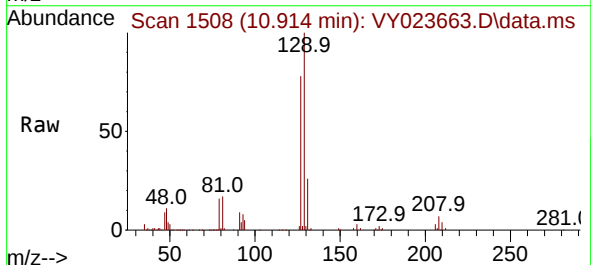
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

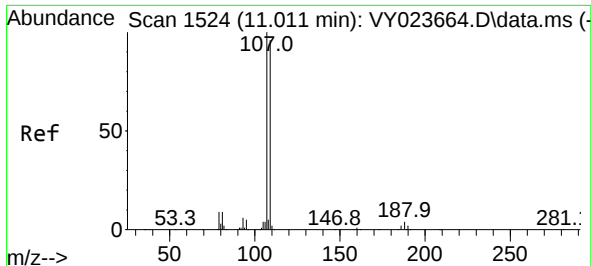
Tgt Ion: 43 Resp: 203840
Ion Ratio Lower Upper
43 100
58 59.5 30.2 90.6



#60
Dibromochloromethane
Concen: 20.677 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 129 Resp: 110009
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2

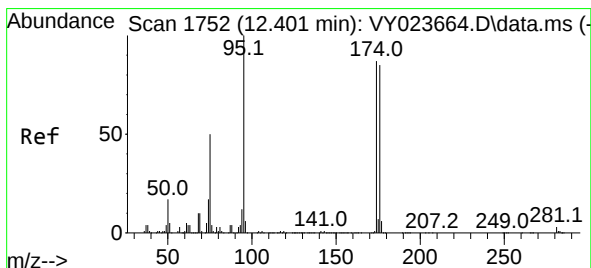
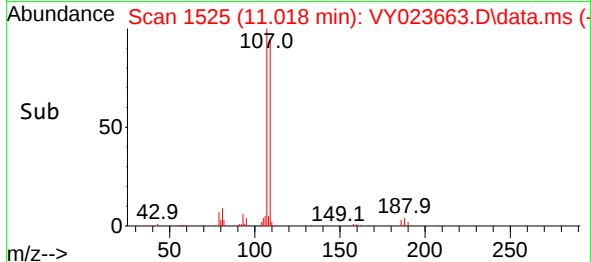
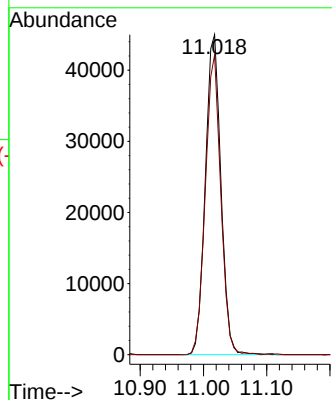
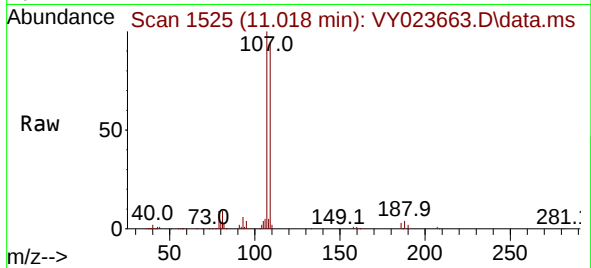




#61
1,2-Dibromoethane
Concen: 21.237 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

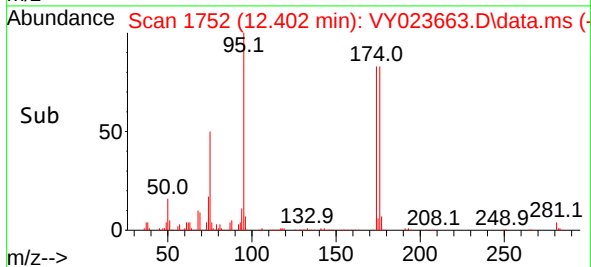
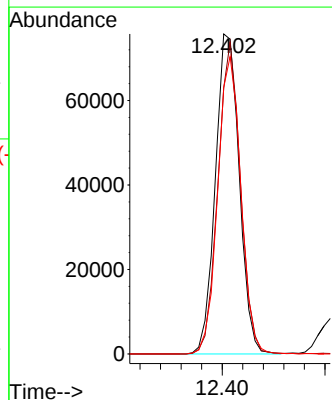
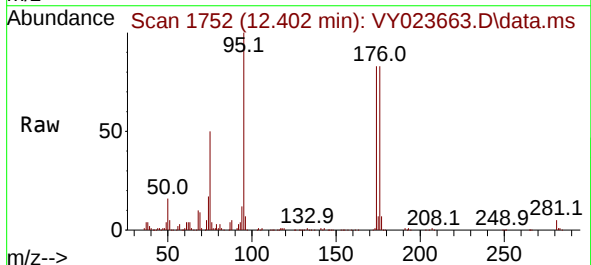
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

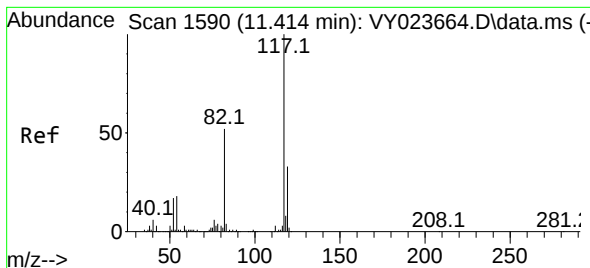
Tgt Ion:107 Resp: 77174
Ion Ratio Lower Upper
107 100
109 92.8 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 20.122 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 95 Resp: 121943
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.8
176 90.3 0.0 181.6

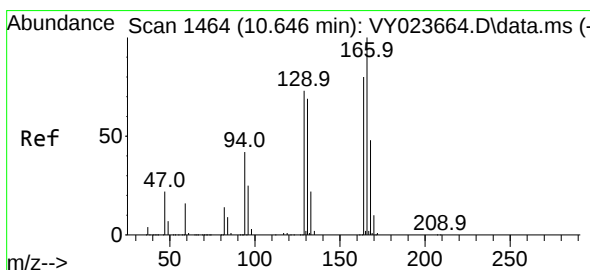
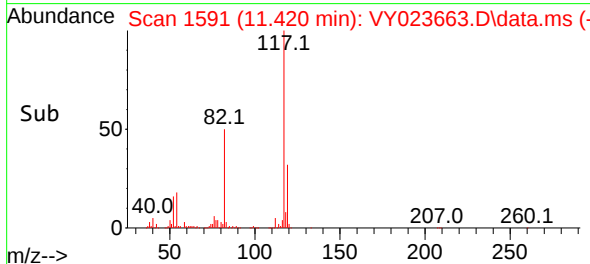
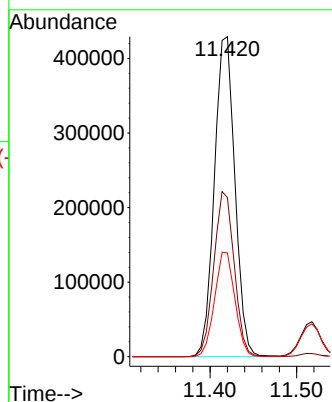
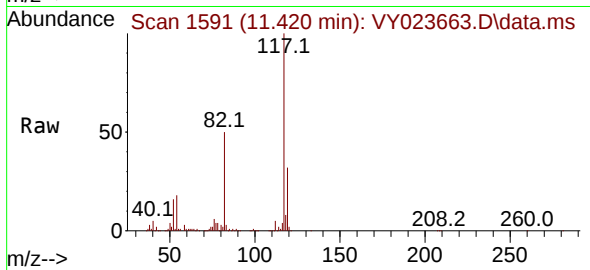




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

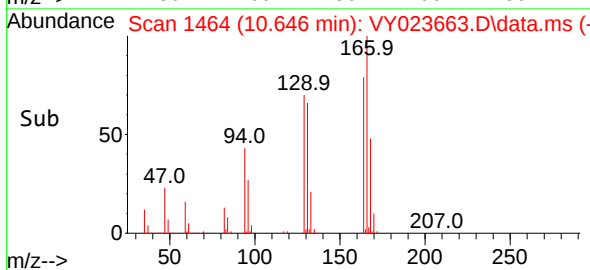
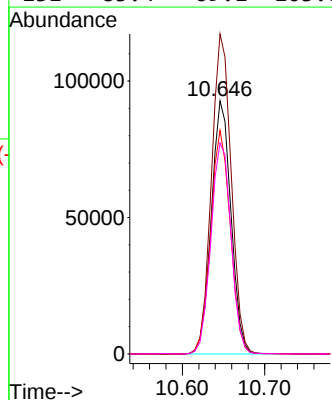
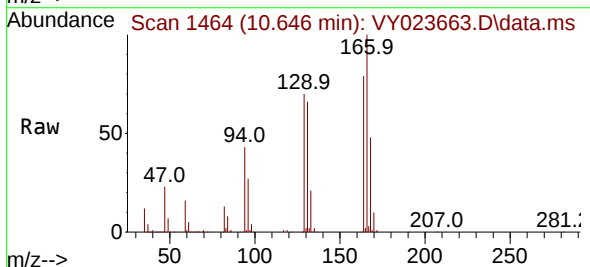
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

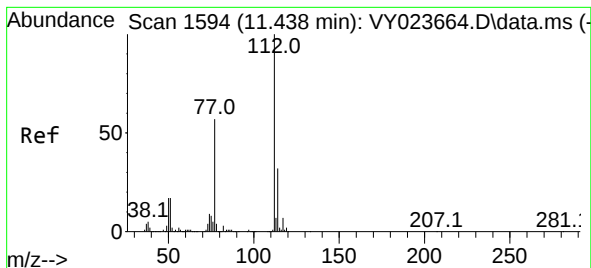
Tgt Ion:117 Resp: 707291
Ion Ratio Lower Upper
117 100
82 49.7 41.2 61.8
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 20.955 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:164 Resp: 154270
Ion Ratio Lower Upper
164 100
166 126.4 99.5 149.3
129 88.3 72.3 108.5
131 83.4 69.1 103.7

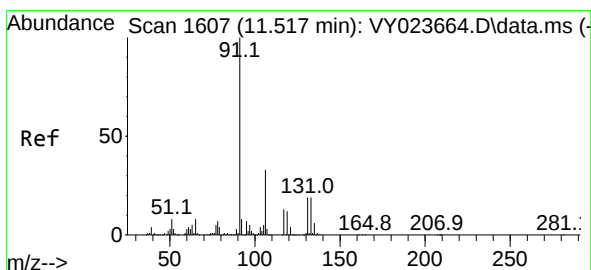
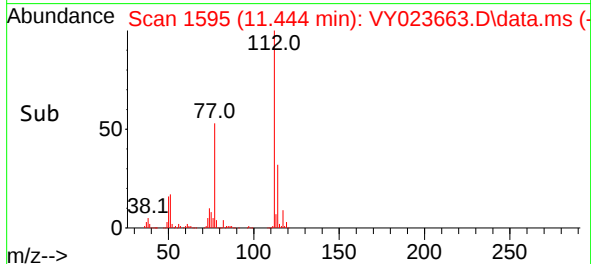
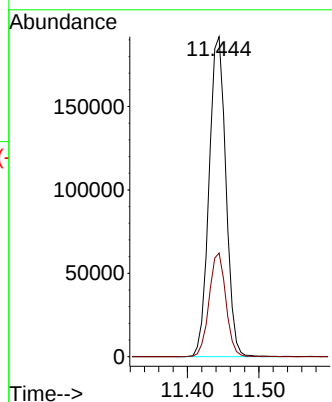
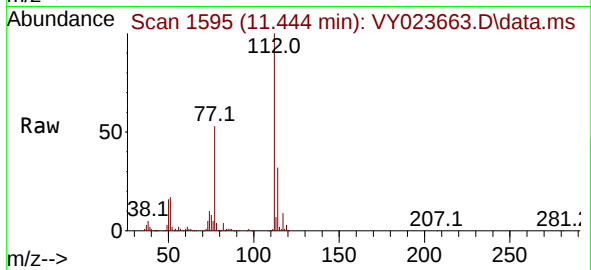




#65
Chlorobenzene
Concen: 20.378 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

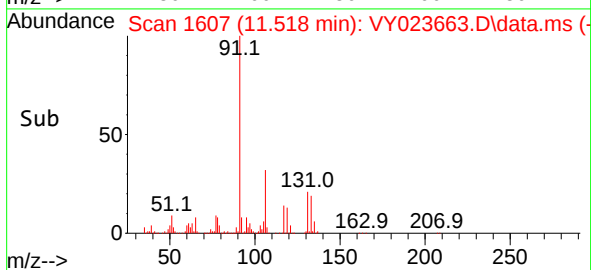
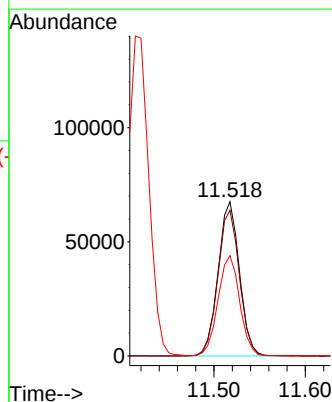
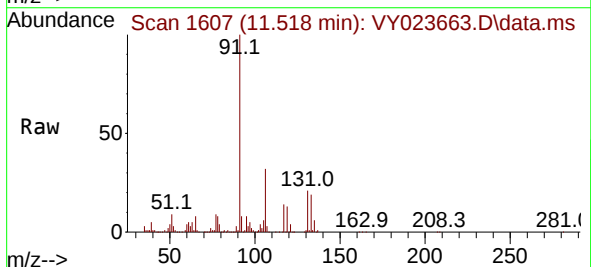
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

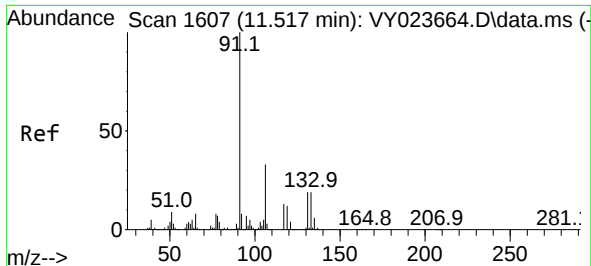
Tgt Ion:112 Resp: 313776
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.122 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:131 Resp: 109560
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 66.3 32.5 97.4





#67

Ethyl Benzene

Concen: 20.283 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

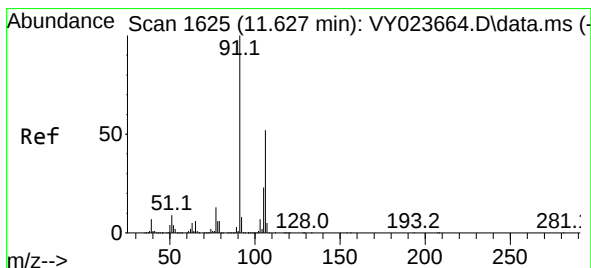
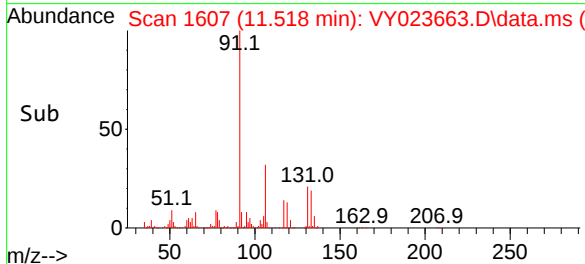
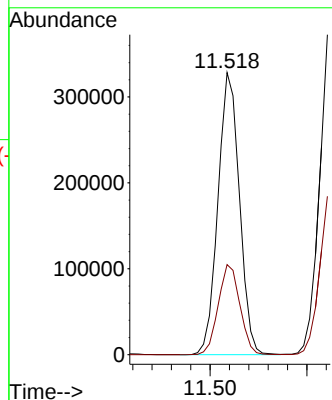
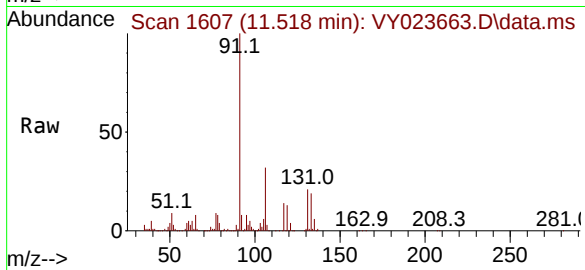
VSTDIC020

Tgt Ion: 91 Resp: 505466

Ion Ratio Lower Upper

91 100

106 32.0 26.6 40.0



#68

m/p-Xylenes

Concen: 41.048 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023663.D

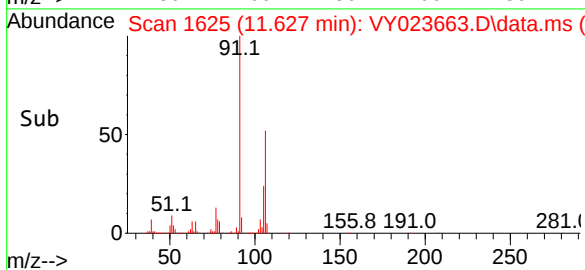
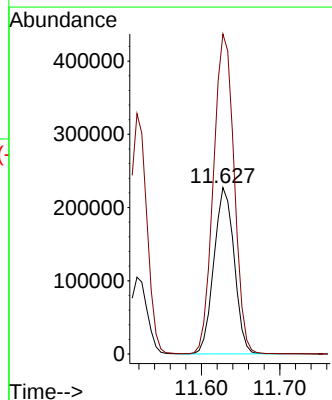
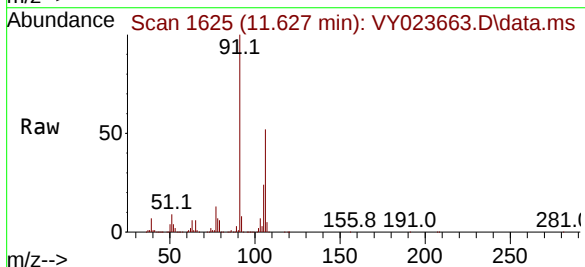
Acq: 04 Nov 2025 10:19

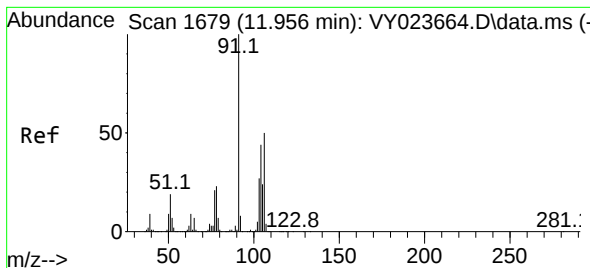
Tgt Ion: 106 Resp: 408699

Ion Ratio Lower Upper

106 100

91 196.6 154.3 231.5

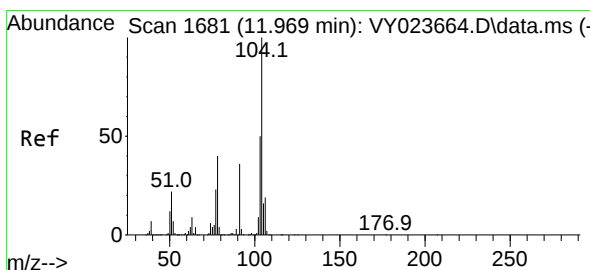
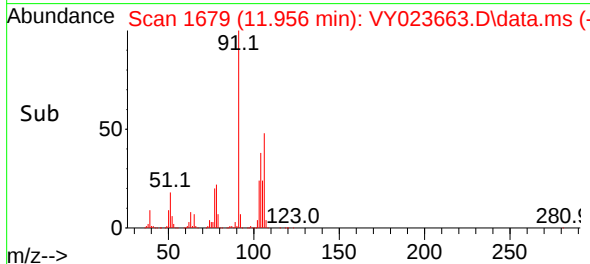
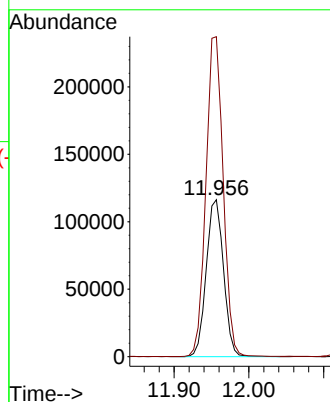
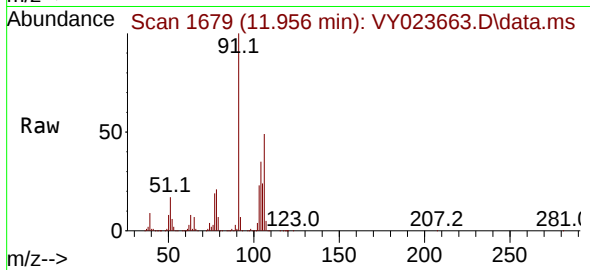




#69
o-Xylene
Concen: 20.260 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

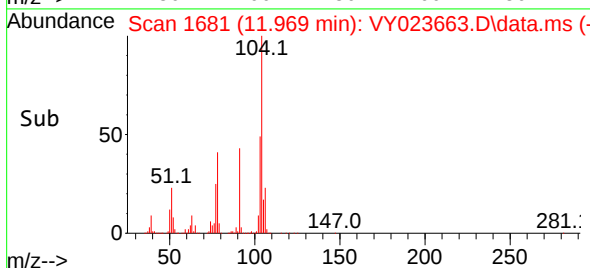
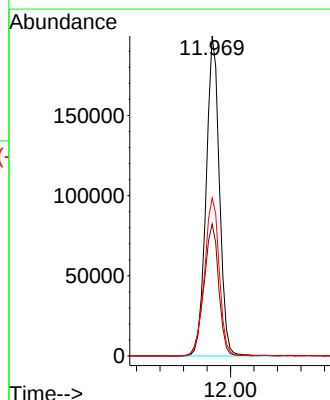
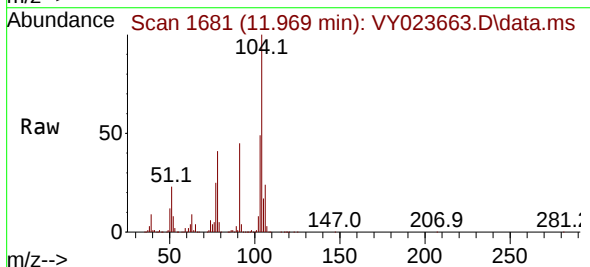
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

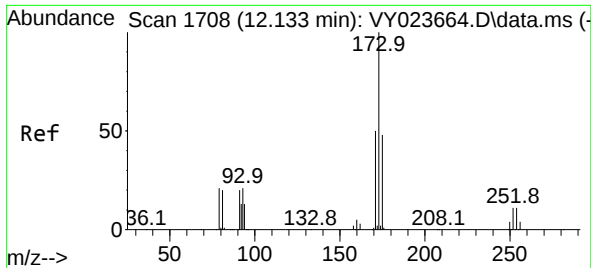
Tgt Ion:106 Resp: 186475
Ion Ratio Lower Upper
106 100
91 203.6 101.6 304.6



#70
Styrene
Concen: 20.674 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:104 Resp: 313946
Ion Ratio Lower Upper
104 100
78 45.7 36.5 54.7
103 54.6 43.7 65.5

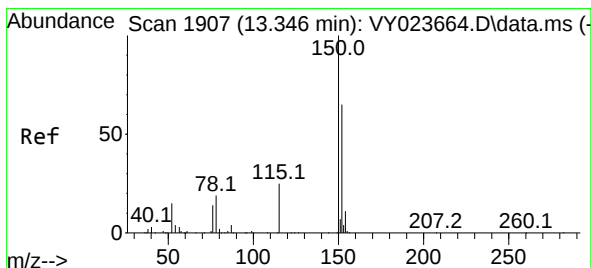
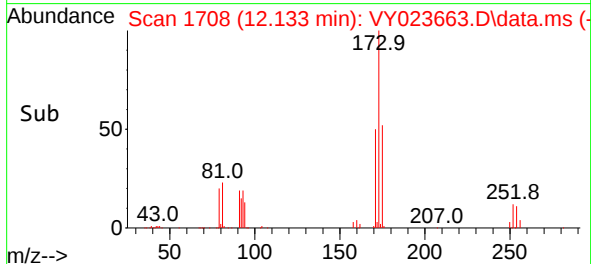
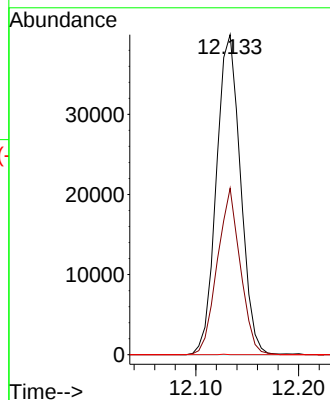
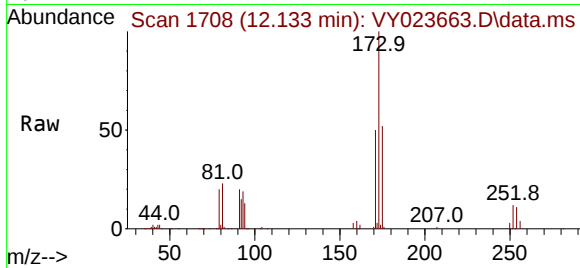




#71
Bromoform
Concen: 20.426 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

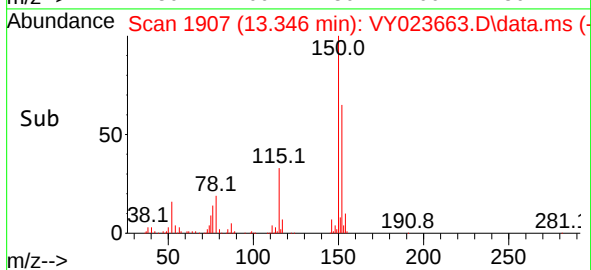
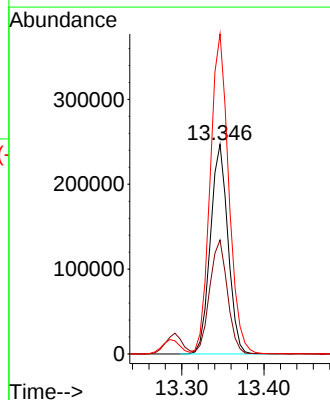
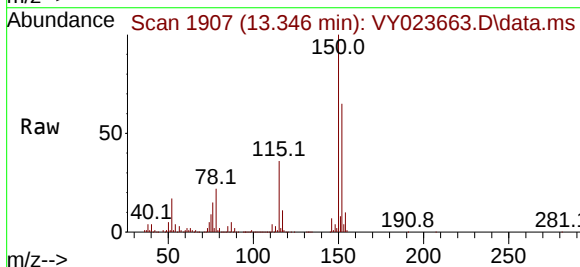
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

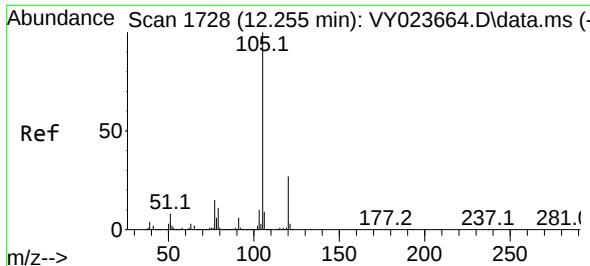
Tgt Ion:173 Resp: 64954
Ion Ratio Lower Upper
173 100
175 49.8 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:152 Resp: 367397
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.5
150 161.1 0.0 349.0

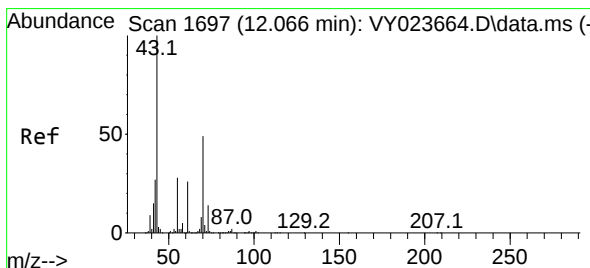
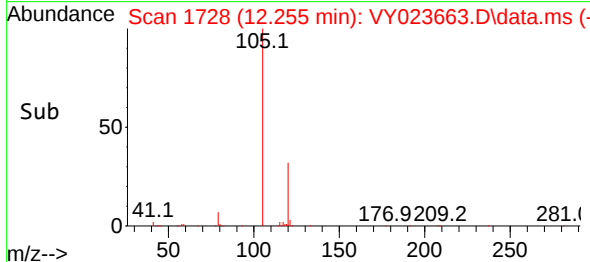
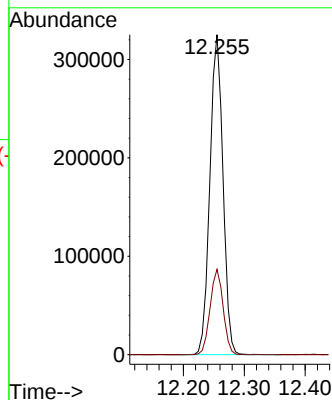
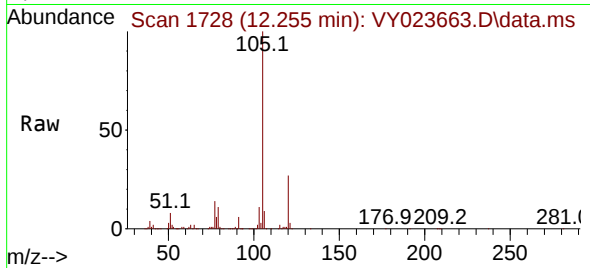




#73
Isopropylbenzene
Concen: 19.723 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

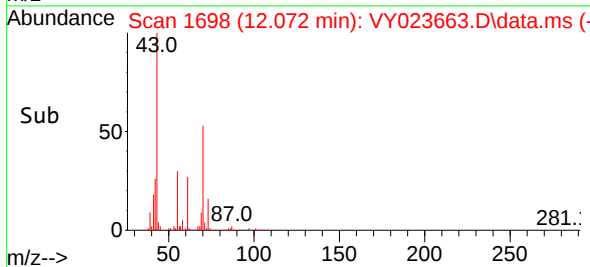
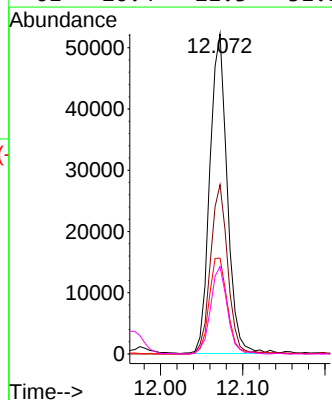
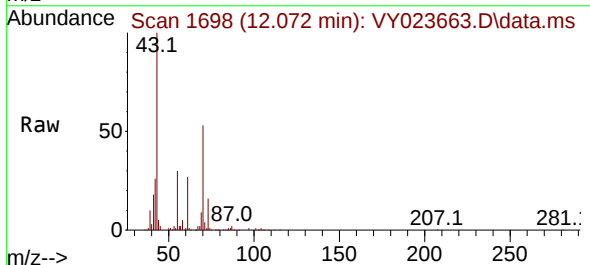
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

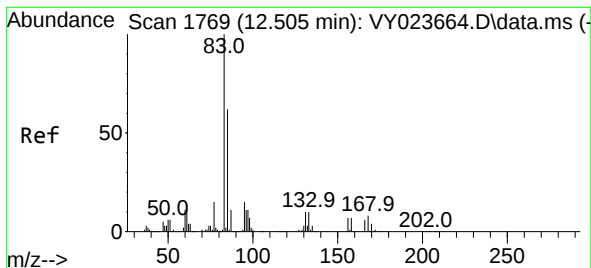
Tgt Ion:105 Resp: 484626
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7



#74
N-ethyl acetate
Concen: 18.486 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 43 Resp: 76905
Ion Ratio Lower Upper
43 100
70 52.6 40.1 60.1
55 31.1 23.0 34.6
61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.531 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

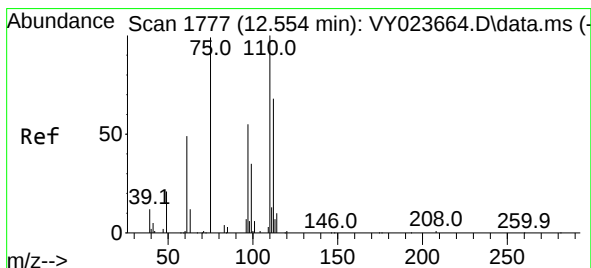
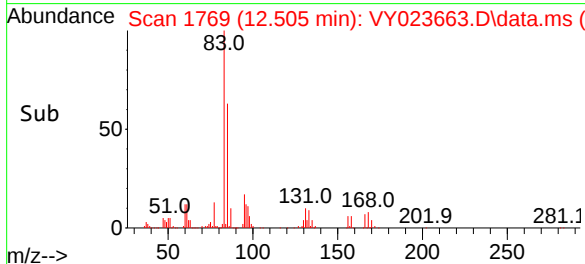
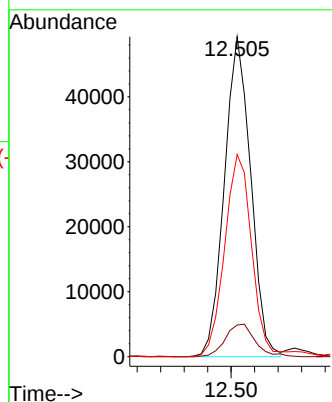
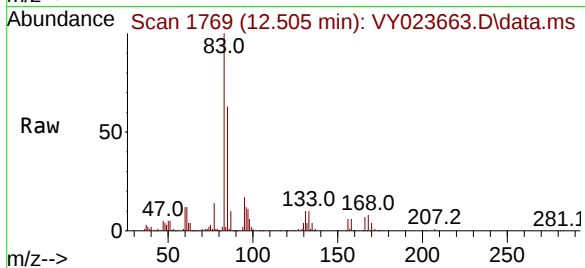
Tgt Ion: 83 Resp: 76650

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

85 66.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 35.856 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023663.D

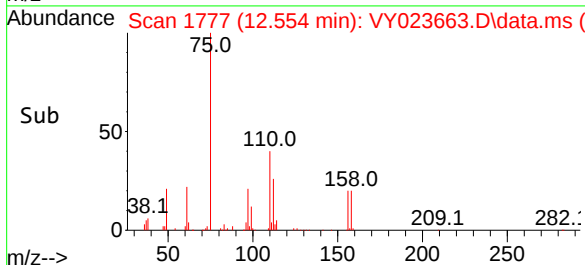
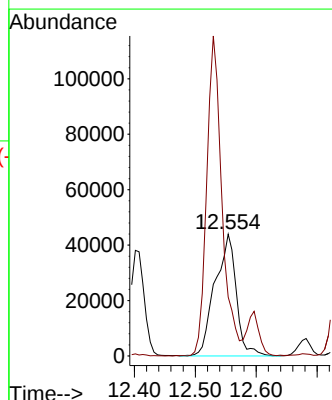
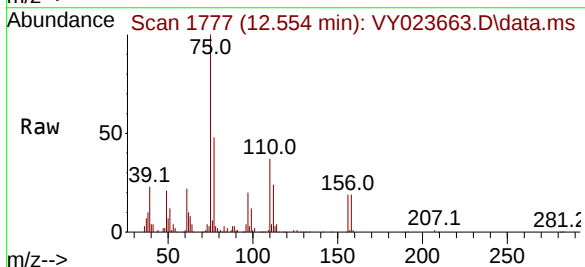
Acq: 04 Nov 2025 10:19

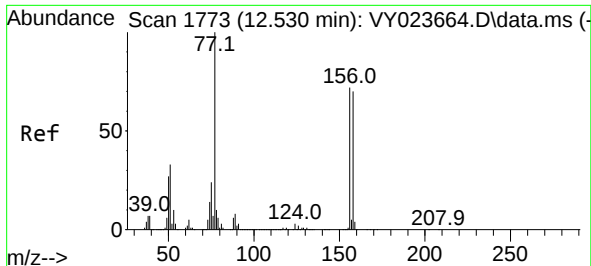
Tgt Ion: 75 Resp: 106613

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

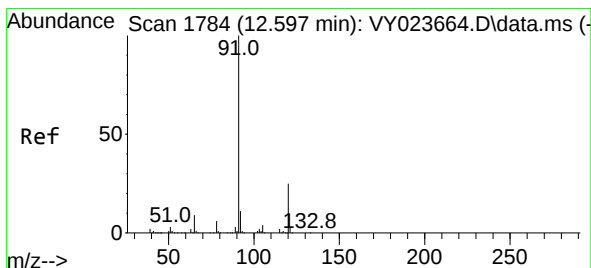
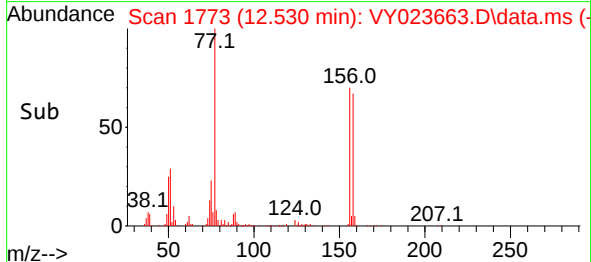
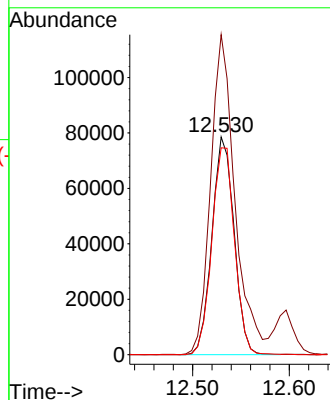
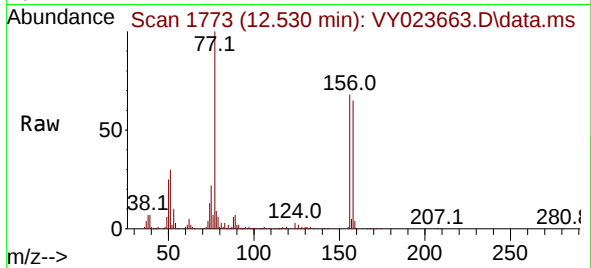




#77
Bromobenzene
Concen: 19.600 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

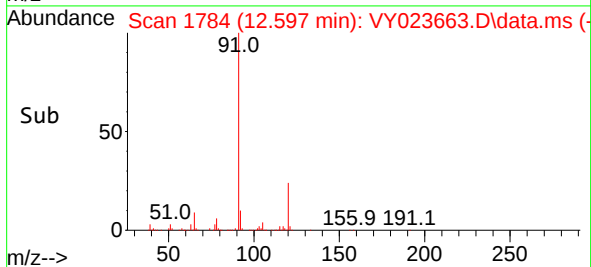
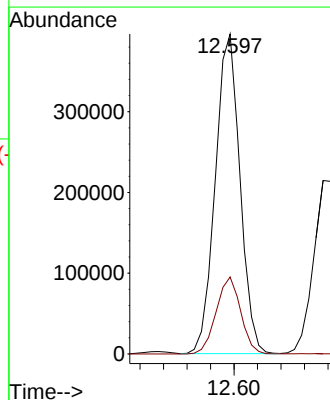
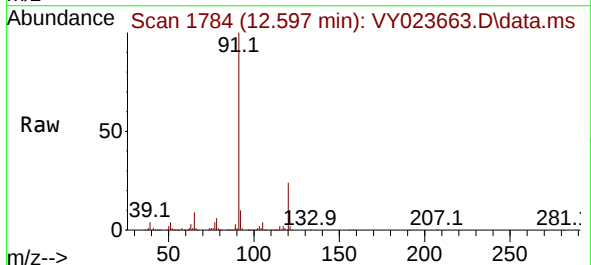
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

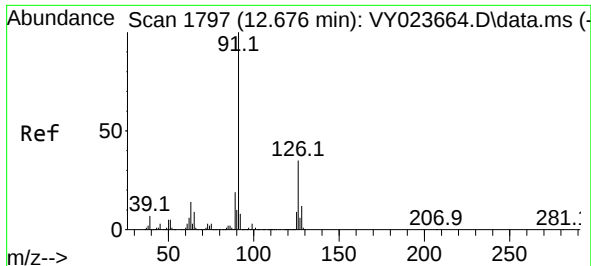
Tgt Ion:156 Resp: 124926
Ion Ratio Lower Upper
156 100
77 160.7 77.9 233.7
158 98.0 48.5 145.5



#78
n-propylbenzene
Concen: 19.968 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 91 Resp: 577151
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





#79

2-Chlorotoluene

Concen: 20.048 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

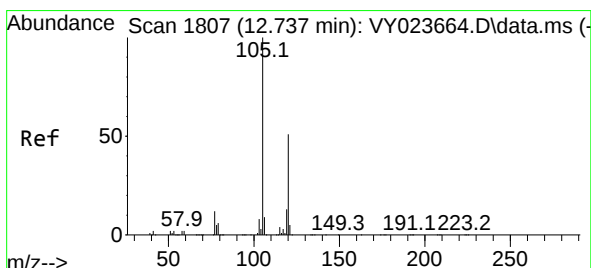
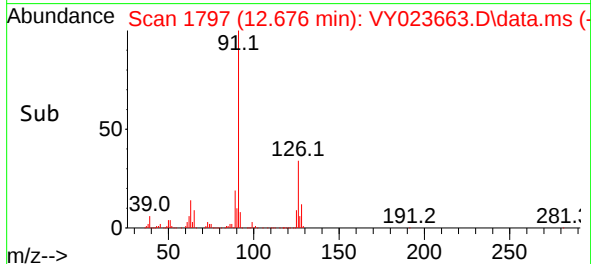
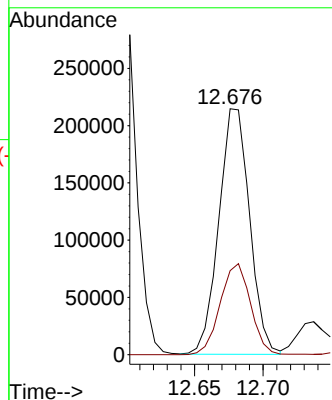
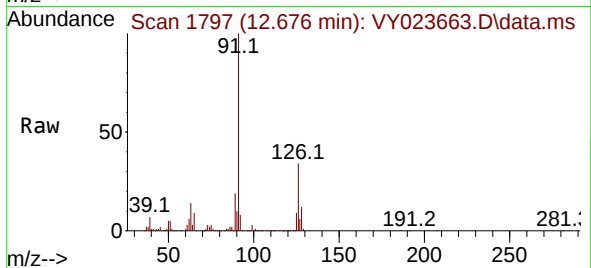
VSTDICC020

Tgt Ion: 91 Resp: 336249

Ion Ratio Lower Upper

91 100

126 36.5 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.126 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023663.D

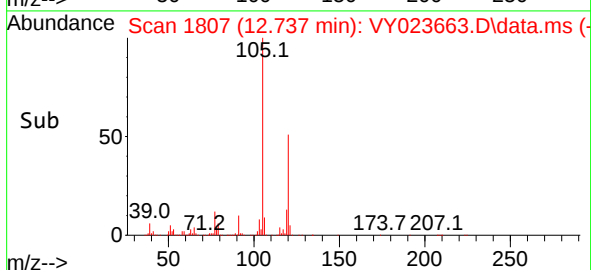
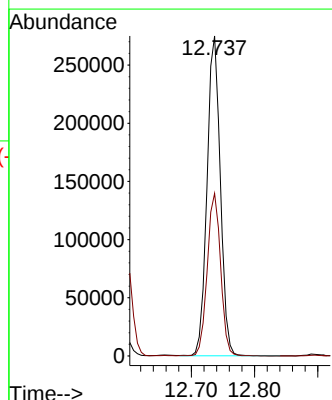
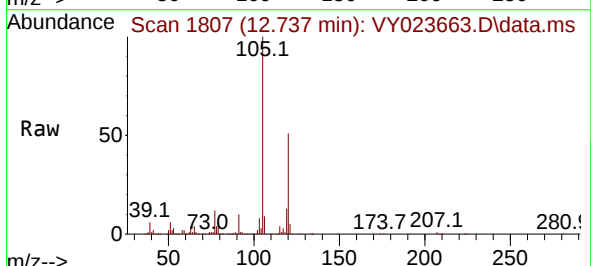
Acq: 04 Nov 2025 10:19

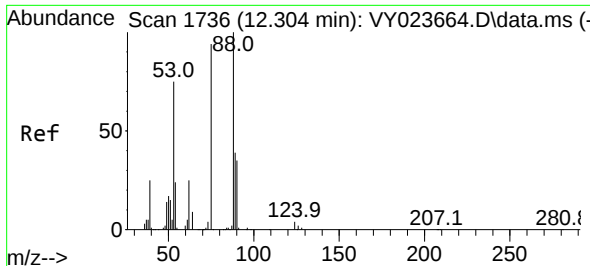
Tgt Ion: 105 Resp: 401810

Ion Ratio Lower Upper

105 100

120 51.2 25.4 76.2

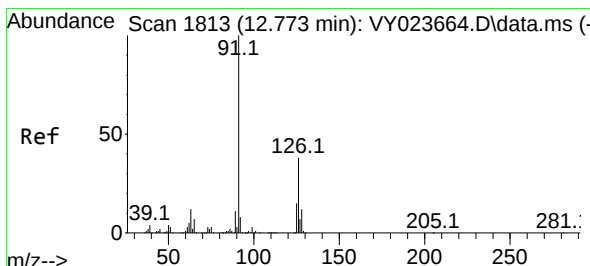
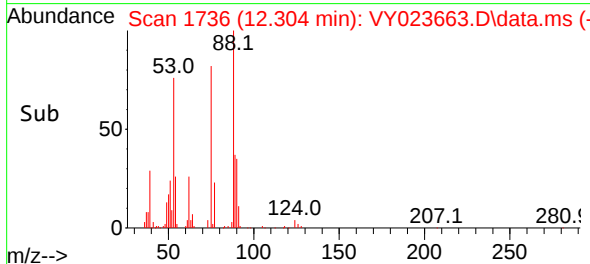
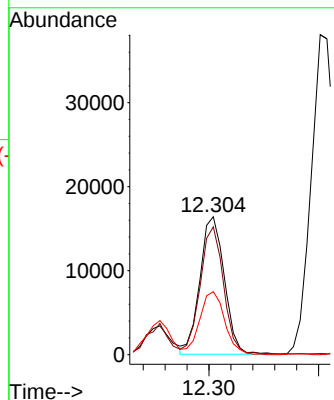
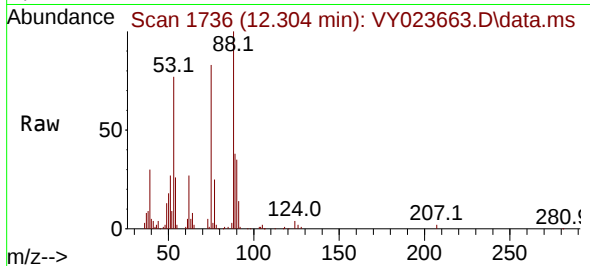




#81
trans-1,4-Dichloro-2-butene
Concen: 19.229 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

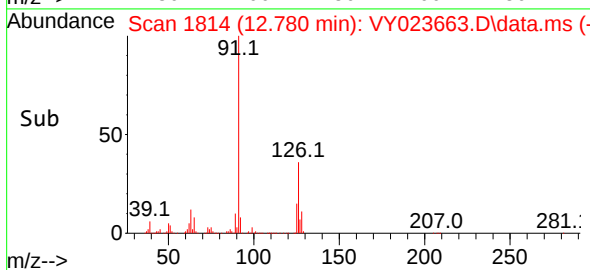
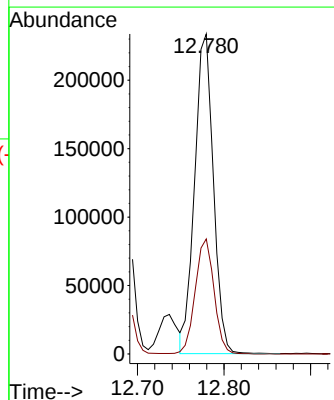
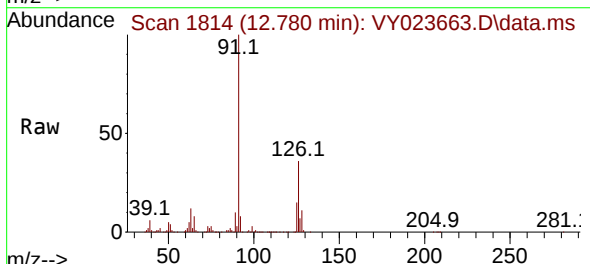
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

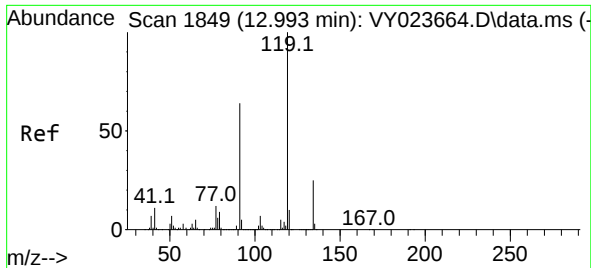
Tgt Ion: 75 Resp: 25299
Ion Ratio Lower Upper
75 100
53 89.0 69.6 104.4
89 47.3 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.241 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 91 Resp: 350104
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.4

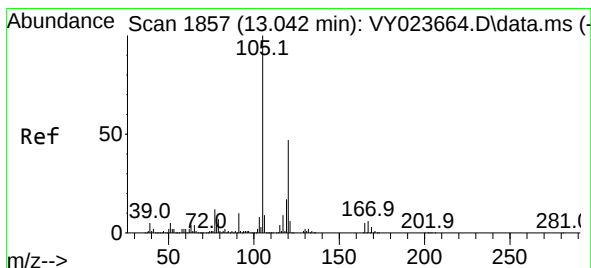
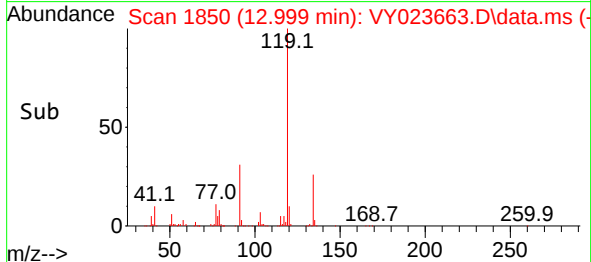
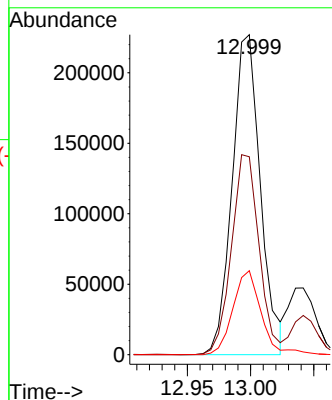
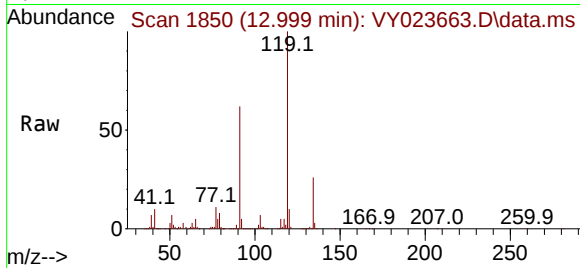




#83
tert-Butylbenzene
Concen: 19.409 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

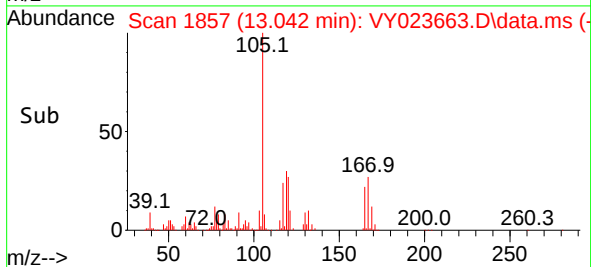
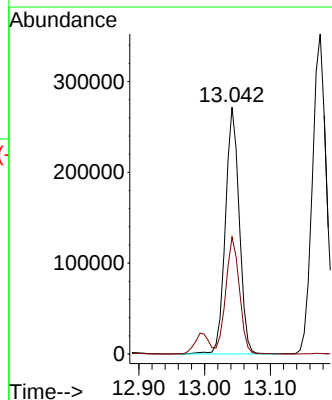
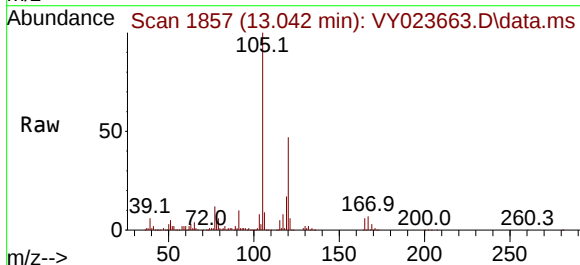
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

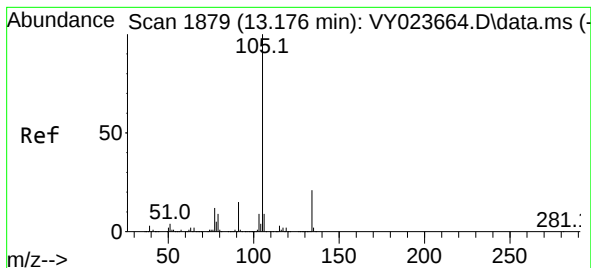
Tgt Ion:119 Resp: 352929
Ion Ratio Lower Upper
119 100
91 61.4 30.7 92.1
134 26.4 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 20.077 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:105 Resp: 397002
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.831 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

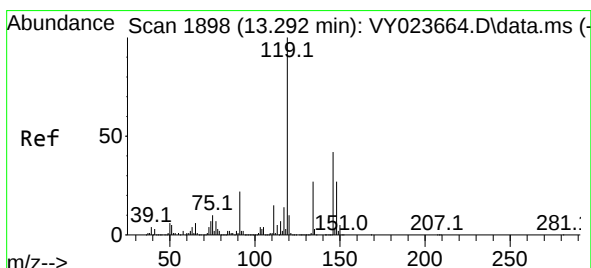
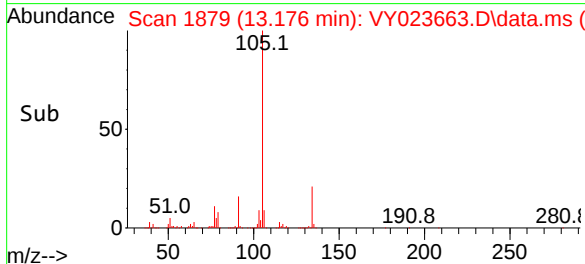
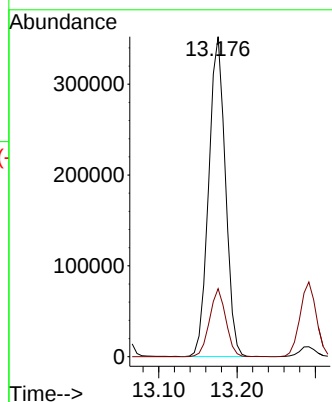
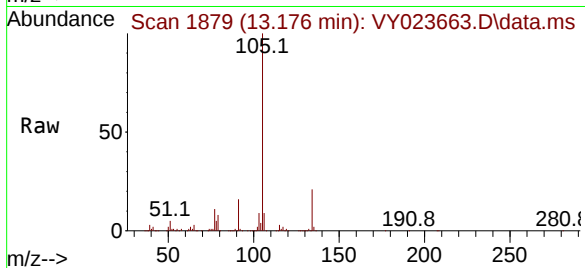
VSTDIC020

Tgt Ion:105 Resp: 520106

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 19.902 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

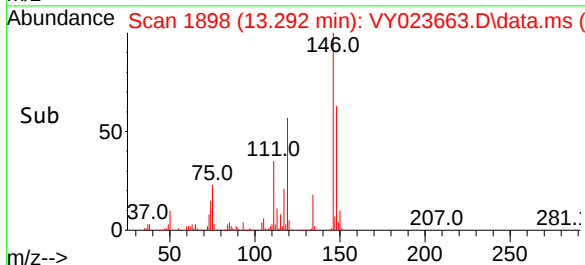
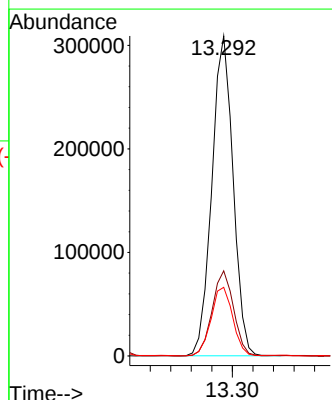
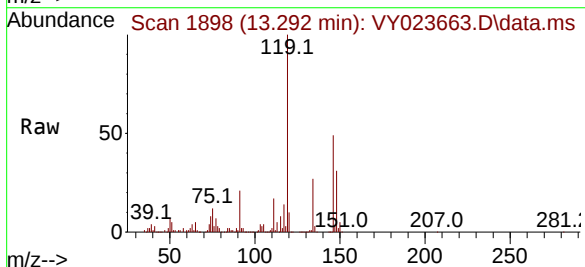
Tgt Ion:119 Resp: 441869

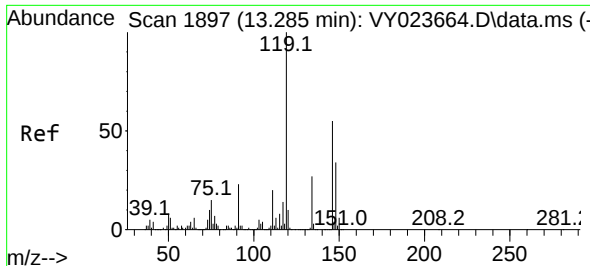
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 21.9 11.1 33.1

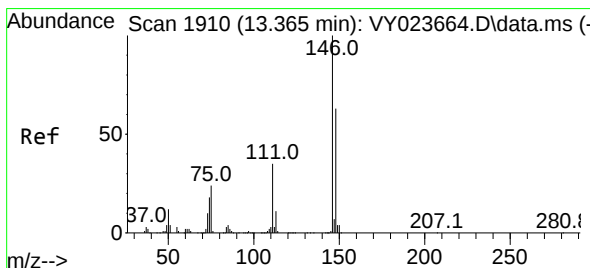
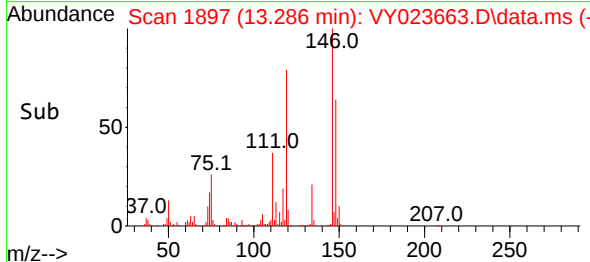
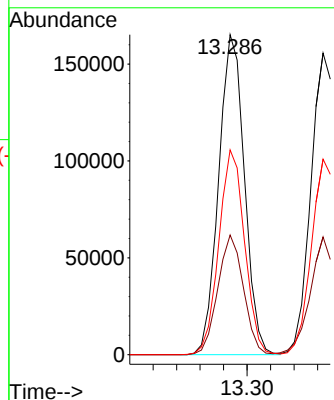
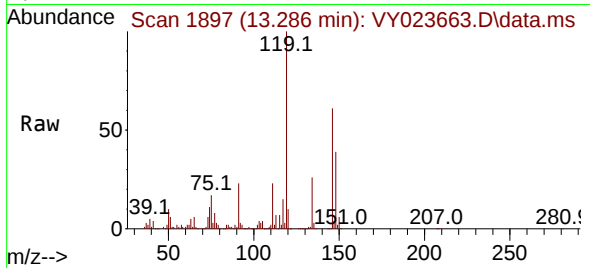




#87
1,3-Dichlorobenzene
Concen: 20.080 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

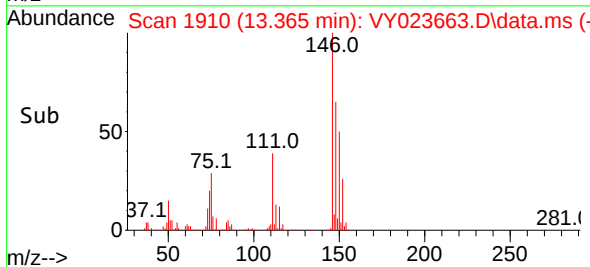
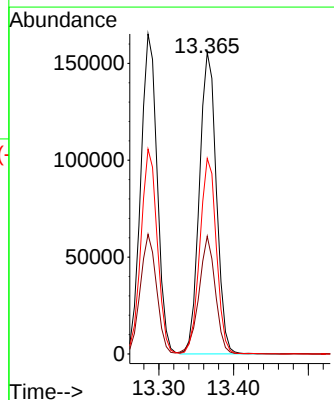
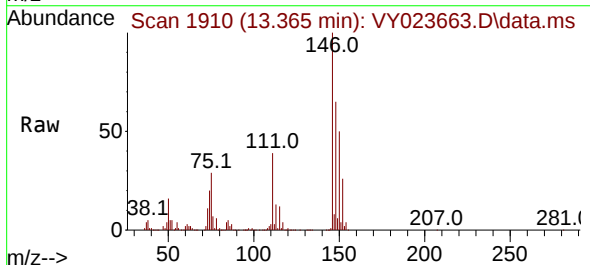
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

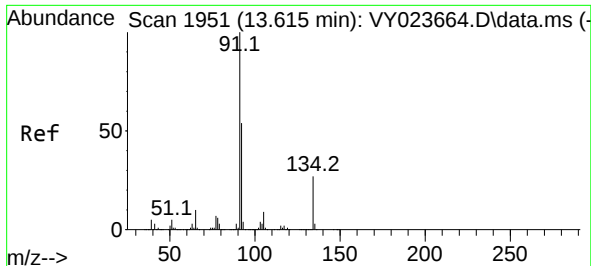
Tgt Ion:146 Resp: 251903
Ion Ratio Lower Upper
146 100
111 37.2 18.8 56.3
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.866 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion:146 Resp: 244807
Ion Ratio Lower Upper
146 100
111 37.6 18.3 54.8
148 63.8 31.8 95.3

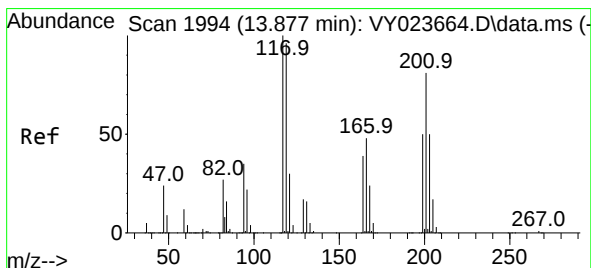
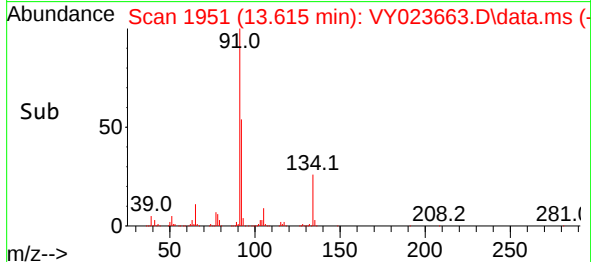
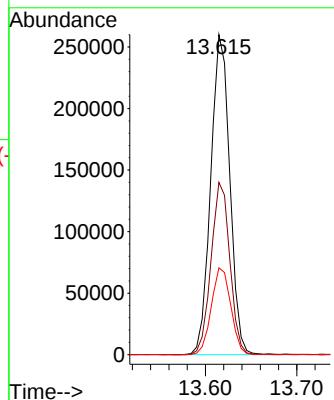
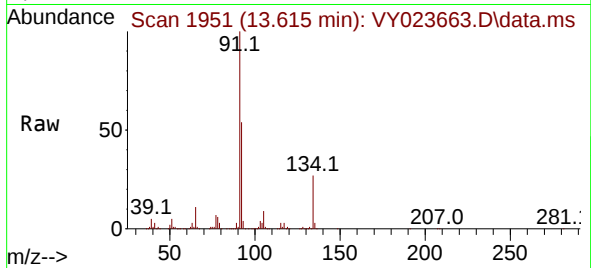




#89
n-Butylbenzene
Concen: 19.467 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

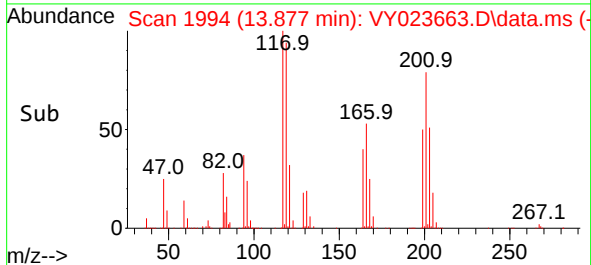
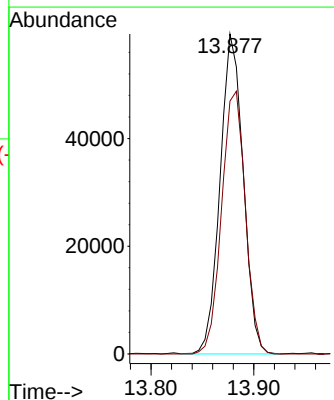
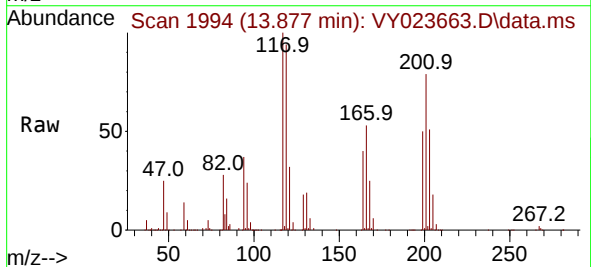
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

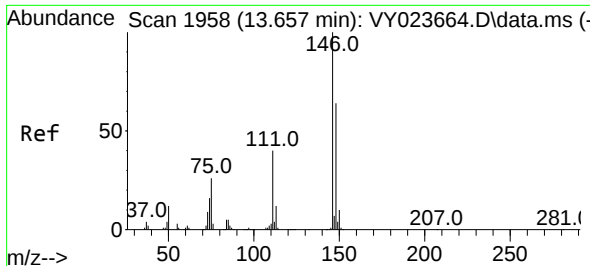
Tgt Ion: 91 Resp: 375842
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 27.7 13.7 41.1



#90
Hexachloroethane
Concen: 19.477 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023663.D
Acq: 04 Nov 2025 10:19

Tgt Ion: 117 Resp: 92928
Ion Ratio Lower Upper
117 100
201 84.2 42.3 126.8

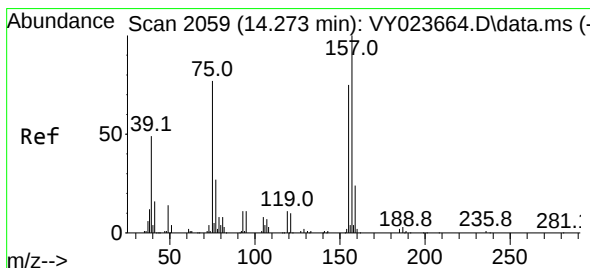
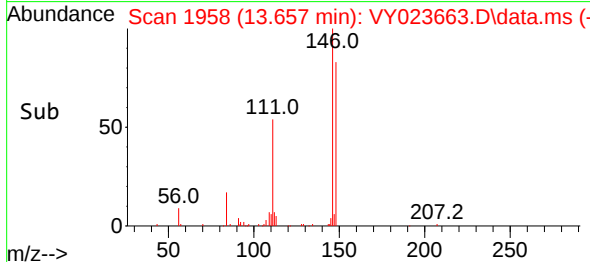
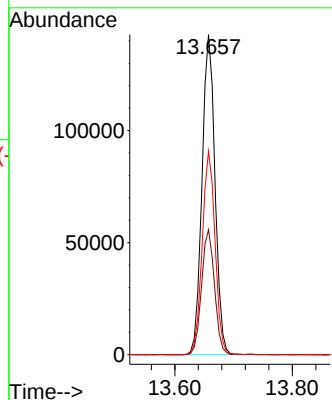
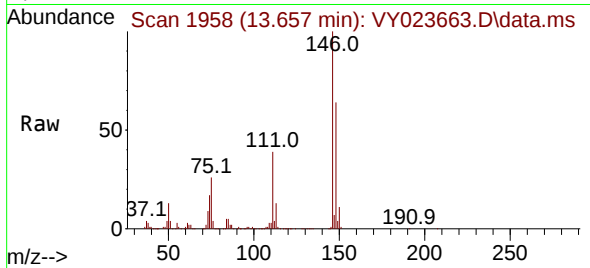




#91
 1,2-Dichlorobenzene
 Concen: 20.225 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023663.D
 Acq: 04 Nov 2025 10:19

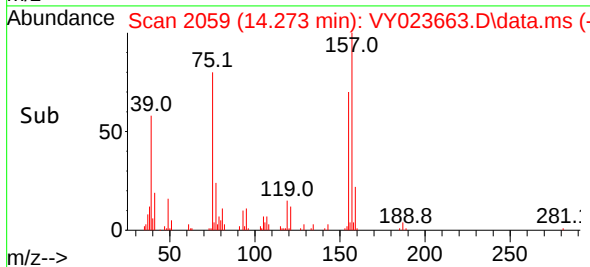
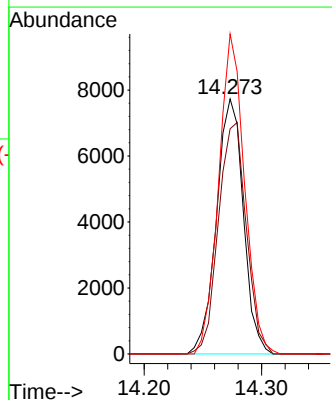
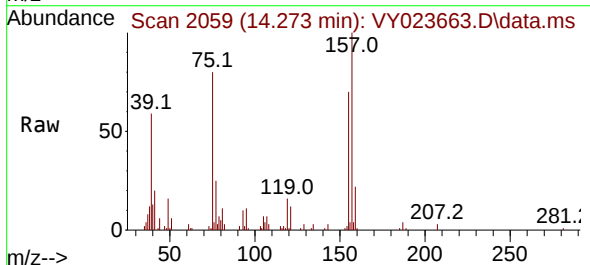
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

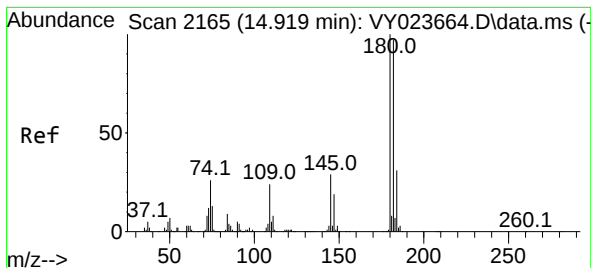
Tgt Ion:146 Resp: 218655
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 62.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.289 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023663.D
 Acq: 04 Nov 2025 10:19

Tgt Ion: 75 Resp: 12260
 Ion Ratio Lower Upper
 75 100
 155 94.0 49.4 148.2
 157 120.7 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 19.851 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

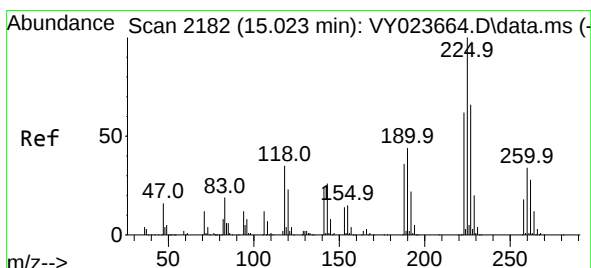
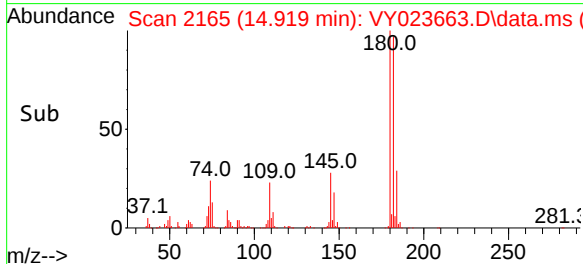
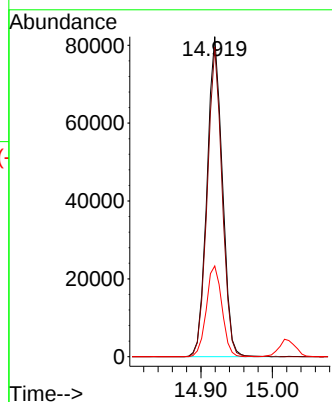
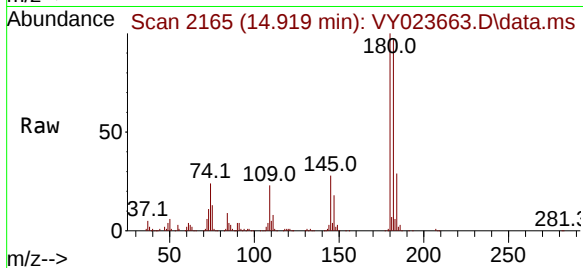
Tgt Ion:180 Resp: 122756

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.6

145 28.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.507 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

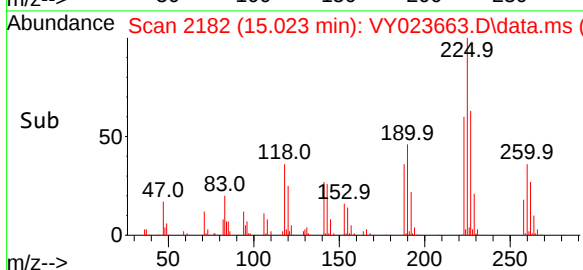
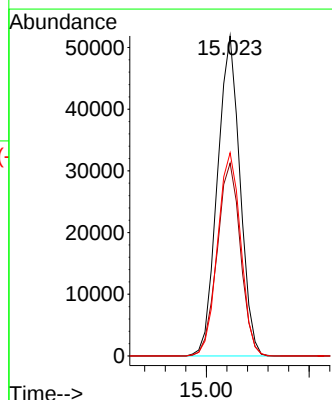
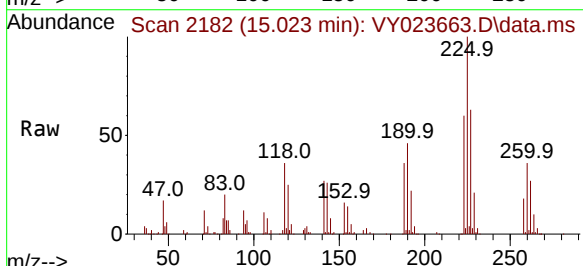
Tgt Ion:225 Resp: 79039

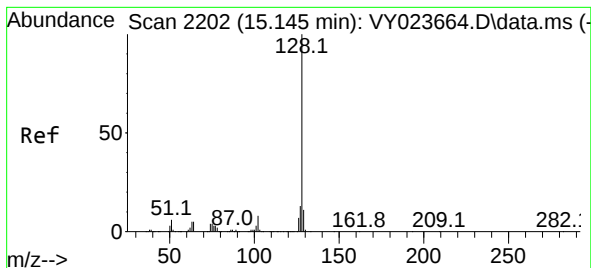
Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

227 65.1 32.0 96.2





#95

Naphthalene

Concen: 19.694 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

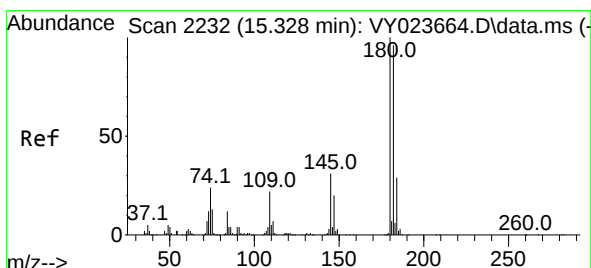
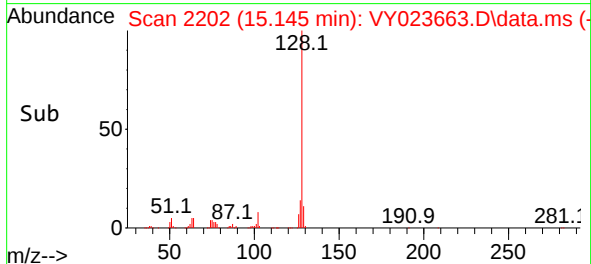
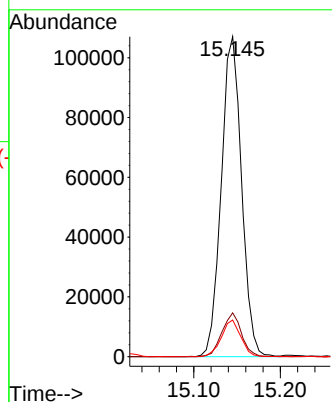
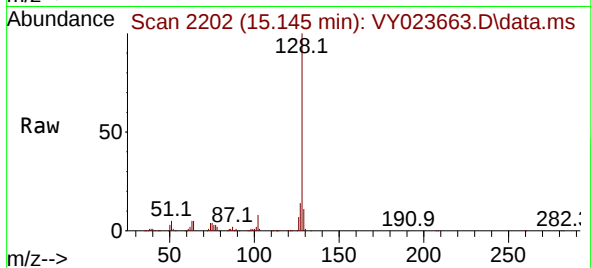
Tgt Ion:128 Resp: 174378

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.855 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023663.D

Acq: 04 Nov 2025 10:19

Tgt Ion:180 Resp: 102582

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.6

145 31.8 15.5 46.5

