

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023707.D
 Acq On : 07 Nov 2025 10:18
 Operator : SY/MD
 Sample : VY1107SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

Quant Time: Nov 08 03:27:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	538277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	803621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	703741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	353875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	237216	51.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.640	113	251589	50.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.109	98	970261	51.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.408	95	312508	51.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	82014	23.211	ug/l	98
3) Chloromethane	2.074	50	109045	22.054	ug/l	98
4) Vinyl Chloride	2.208	62	134841	20.958	ug/l	100
5) Bromomethane	2.598	94	112081	20.709	ug/l	99
6) Chloroethane	2.739	64	93620	21.053	ug/l	99
7) Trichlorofluoromethane	3.062	101	194698	21.486	ug/l	99
8) Diethyl Ether	3.458	74	51106	21.031	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	108996	21.832	ug/l	99
10) Methyl Iodide	4.013	142	119018	20.188	ug/l	98
11) Tert butyl alcohol	4.860	59	33537	113.275	ug/l	99
12) 1,1-Dichloroethene	3.793	96	104465	21.721	ug/l	98
13) Acrolein	3.659	56	40756	107.101	ug/l	100
14) Allyl chloride	4.391	41	129596	22.139	ug/l	95
15) Acrylonitrile	5.061	53	101514	109.314	ug/l	99
16) Acetone	3.873	43	133697	117.142	ug/l	99
17) Carbon Disulfide	4.110	76	324931	22.013	ug/l	100
18) Methyl Acetate	4.391	43	42890	17.037	ug/l	99
19) Methyl tert-butyl Ether	5.129	73	233452	20.934	ug/l	99
20) Methylene Chloride	4.616	84	116924	21.221	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	116046	21.400	ug/l	95
22) Diisopropyl ether	6.025	45	295235	22.634	ug/l	96
23) Vinyl Acetate	5.964	43	799036	114.792	ug/l	97
24) 1,1-Dichloroethane	5.921	63	189815	21.844	ug/l	98
25) 2-Butanone	6.896	43	150757	114.246	ug/l	97
26) 2,2-Dichloropropane	6.890	77	175904	22.007	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	131161	21.179	ug/l	98
28) Bromochloromethane	7.250	49	73915	22.215	ug/l	93
29) Tetrahydrofuran	7.262	42	74686	106.274	ug/l	97
30) Chloroform	7.427	83	207612	21.414	ug/l	97
31) Cyclohexane	7.707	56	166488	22.000	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	187320	21.617	ug/l	100
36) 1,1-Dichloropropene	7.841	75	146187	21.784	ug/l	98
37) Ethyl Acetate	6.994	43	58921	22.680	ug/l	99
38) Carbon Tetrachloride	7.817	117	170579	21.574	ug/l	98
39) Methylcyclohexane	9.110	83	182394	21.271	ug/l	94
40) Benzene	8.085	78	457463	21.626	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	27589	19.456	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	114070	21.315	ug/l	99
43) Isopropyl Acetate	8.201	43	103030	21.107	ug/l	97
44) Trichloroethene	8.866	130	125868	20.717	ug/l	96
45) 1,2-Dichloropropane	9.140	63	100444	21.515	ug/l	97
46) Dibromomethane	9.231	93	60638	20.963	ug/l	99
47) Bromodichloromethane	9.427	83	155475	21.318	ug/l	98
48) Methyl methacrylate	9.225	41	51080	22.149	ug/l	93
49) 1,4-Dioxane	9.231	88	12290	415.164	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	277428	106.873	ug/l	100
52) Toluene	10.170	92	292106	21.630	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	128929	20.893	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	156973	21.232	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	82692	21.391	ug/l	97
56) Ethyl methacrylate	10.439	69	88475	20.773	ug/l	99
57) 1,3-Dichloropropane	10.719	76	130399	21.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	197138	100.867	ug/l	97
59) 2-Hexanone	10.762	43	211898	111.886	ug/l	98
60) Dibromochloromethane	10.914	129	111475	20.988	ug/l	99
61) 1,2-Dibromoethane	11.018	107	76226	21.011	ug/l	99
64) Tetrachloroethene	10.646	164	148250	20.239	ug/l	97
65) Chlorobenzene	11.444	112	321132	20.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	111933	20.662	ug/l	99
67) Ethyl Benzene	11.518	91	526077	21.217	ug/l	98
68) m/p-Xylenes	11.627	106	424423	42.842	ug/l	98
69) o-Xylene	11.957	106	189750	20.720	ug/l	95
70) Styrene	11.969	104	321578	21.283	ug/l	99
71) Bromoform	12.133	173	65930	20.838	ug/l #	100
73) Isopropylbenzene	12.255	105	500632	21.152	ug/l	99
74) N-amyl acetate	12.072	43	83912	20.941	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	83190	22.008	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61573m	21.499	ug/l	
77) Bromobenzene	12.530	156	127430	20.757	ug/l	94
78) n-propylbenzene	12.597	91	609982	21.911	ug/l	99
79) 2-Chlorotoluene	12.676	91	351967	21.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	418312	21.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27041	21.338	ug/l	98
82) 4-Chlorotoluene	12.780	91	364021	21.849	ug/l	99
83) tert-Butylbenzene	12.999	119	370102	21.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	416019	21.842	ug/l	99
85) sec-Butylbenzene	13.176	105	548978	21.732	ug/l	100
86) p-Isopropyltoluene	13.292	119	457067	21.373	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	253160	20.951	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	250158	21.076	ug/l	99
89) n-Butylbenzene	13.615	91	397854	21.395	ug/l	99
90) Hexachloroethane	13.877	117	97229	21.157	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	218705	21.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12509	21.493	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	120246	20.188	ug/l	100
94) Hexachlorobutadiene	15.023	225	78523	20.121	ug/l	99
95) Naphthalene	15.145	128	176239	20.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	102716	20.640	ug/l	100

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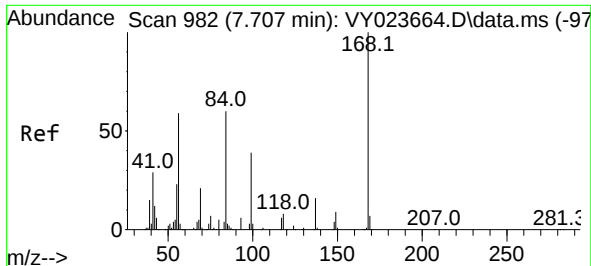
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QLast Update : Wed Nov 05 04:41:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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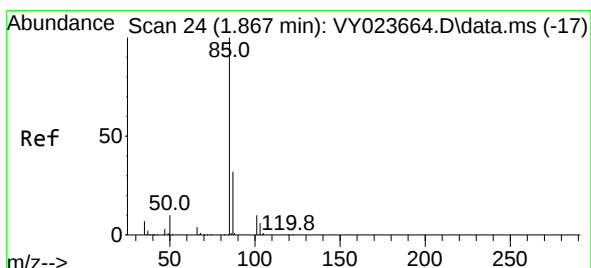
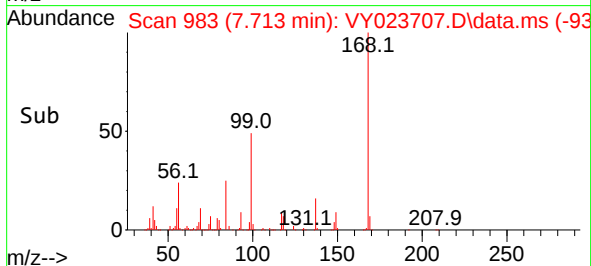
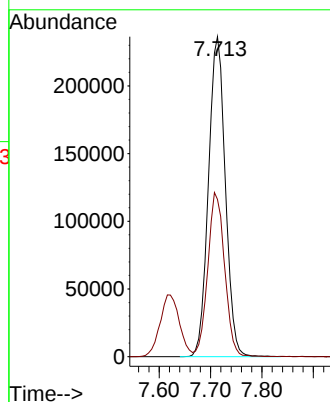
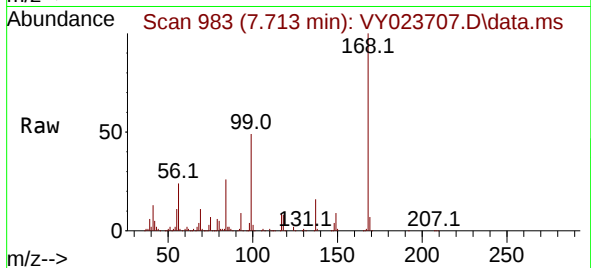




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023707.D
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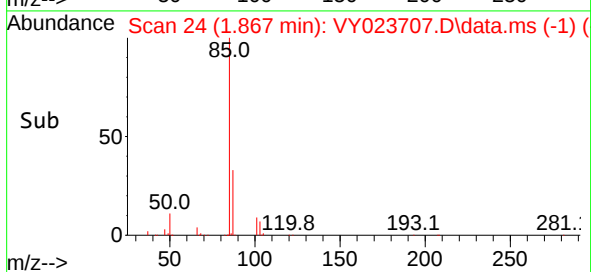
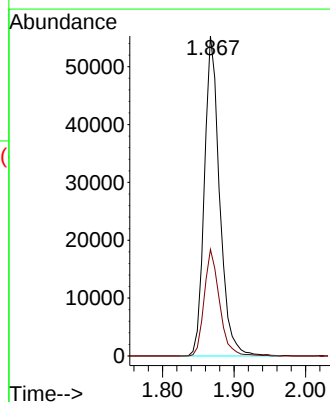
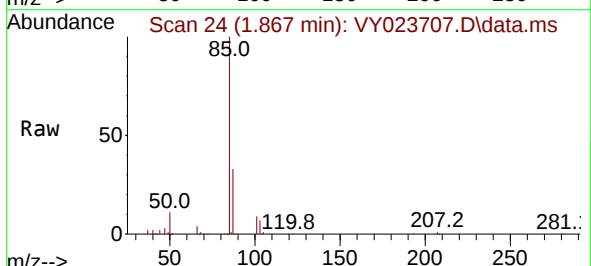
Instrument :
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ClientSampleId :
VY1107SBSD01

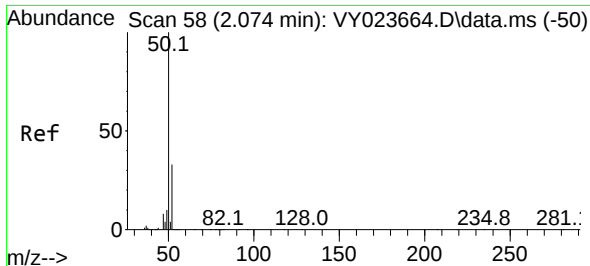
Tgt Ion:168 Resp: 538277
Ion Ratio Lower Upper
168 100
99 49.1 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 23.211 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 85 Resp: 82014
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6

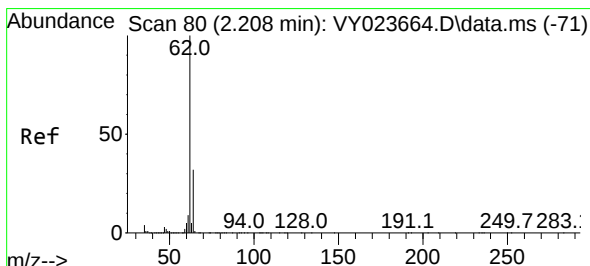
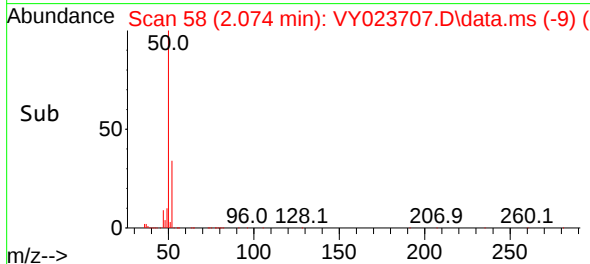
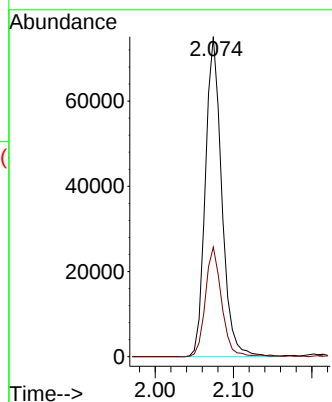
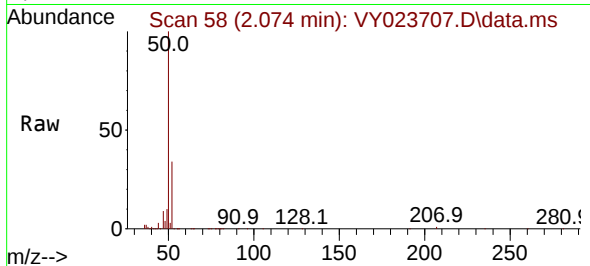




#3
Chloromethane
Concen: 22.054 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023707.D
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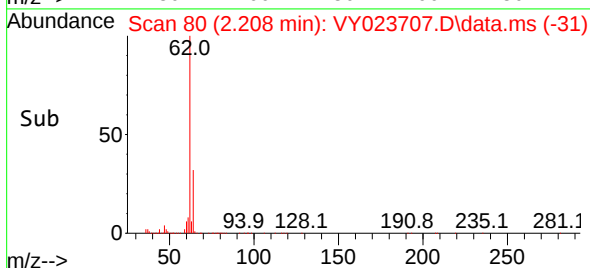
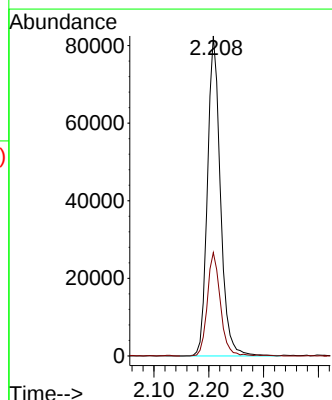
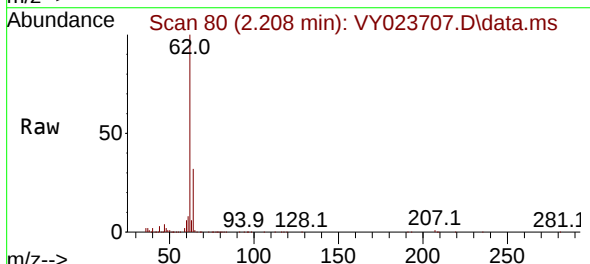
Instrument :
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ClientSampleId :
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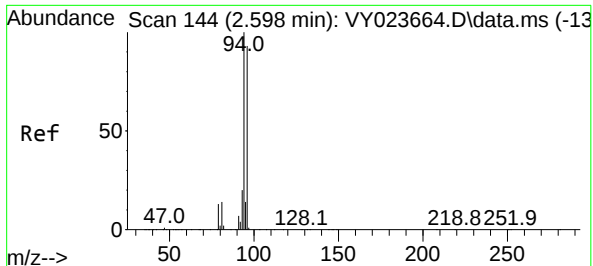
Tgt Ion: 50 Resp: 109045
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7



#4
Vinyl Chloride
Concen: 20.958 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 62 Resp: 134841
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5

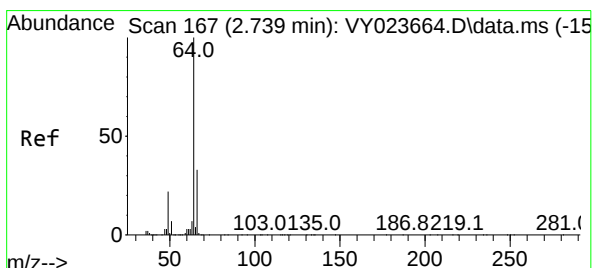
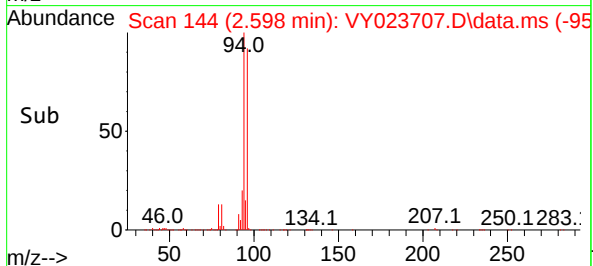
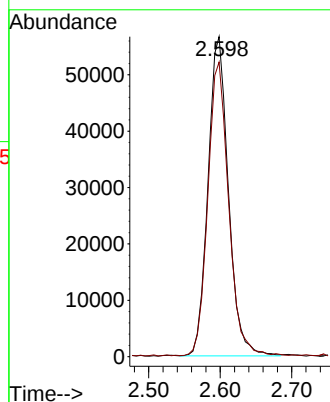
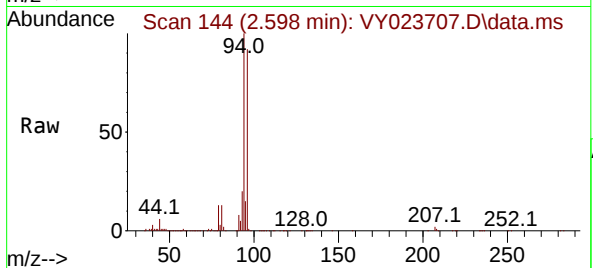




#5
Bromomethane
Concen: 20.709 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

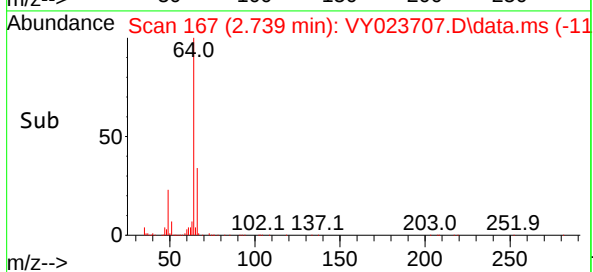
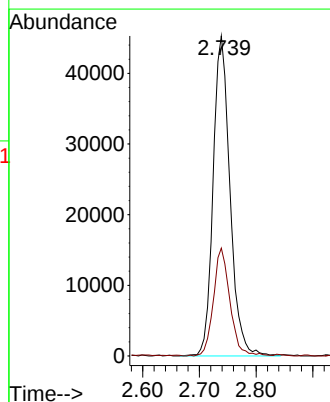
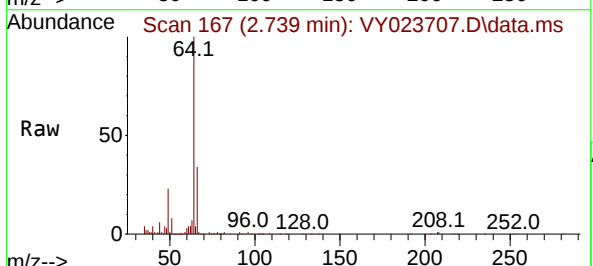
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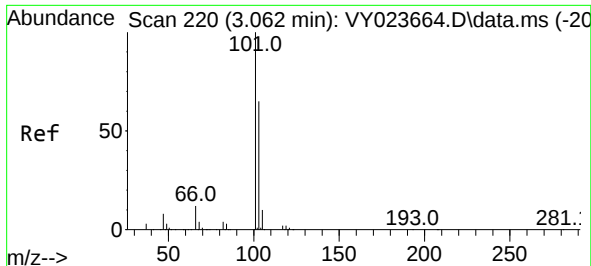
Tgt Ion: 94 Resp: 112081
Ion Ratio Lower Upper
94 100
96 91.9 74.4 111.6



#6
Chloroethane
Concen: 21.053 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 64 Resp: 93620
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4

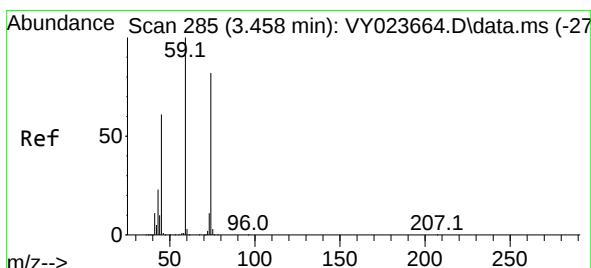
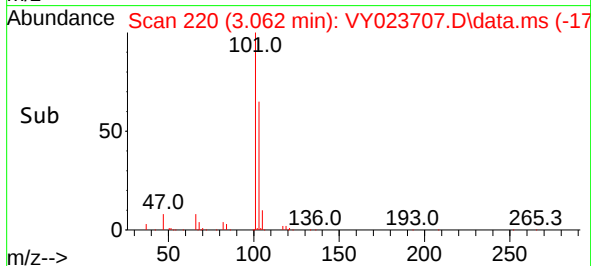
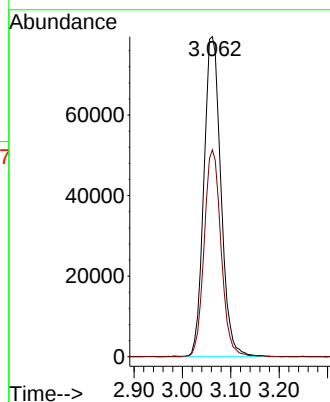
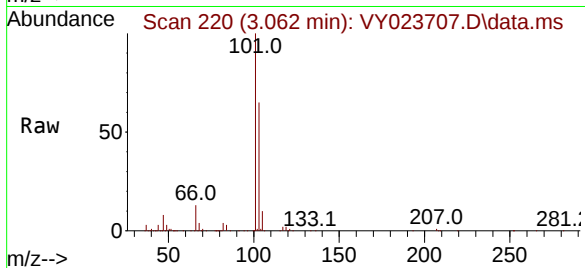




#7
Trichlorofluoromethane
Concen: 21.486 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023707.D
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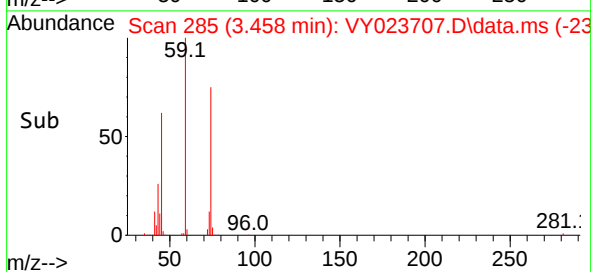
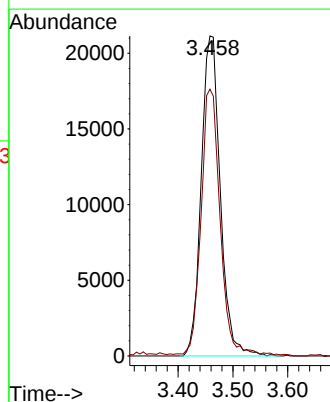
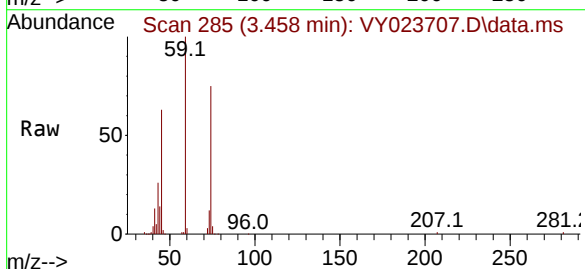
Instrument :
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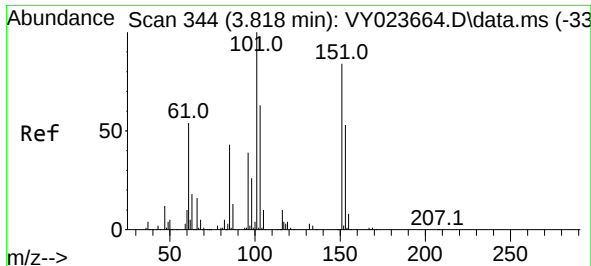
Tgt Ion:101 Resp: 194698
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1



#8
Diethyl Ether
Concen: 21.031 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 51106
Ion Ratio Lower Upper
74 100
45 81.0 40.6 121.7

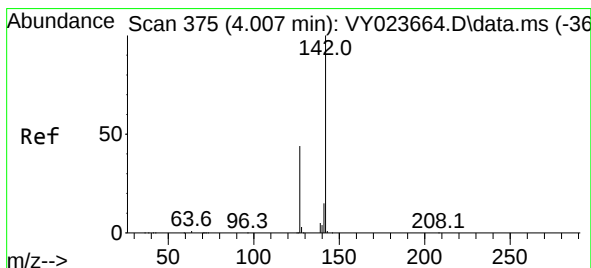
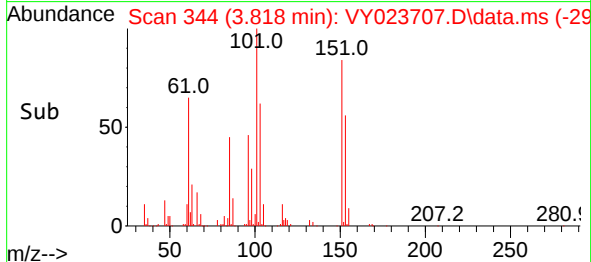
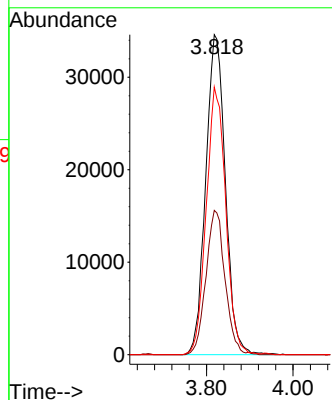
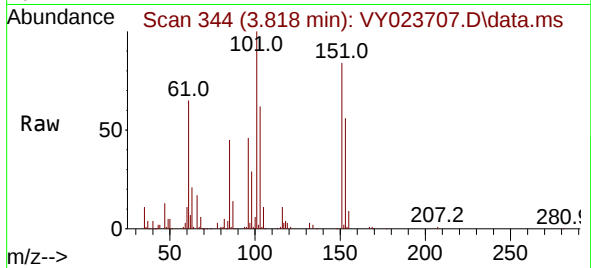




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.832 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

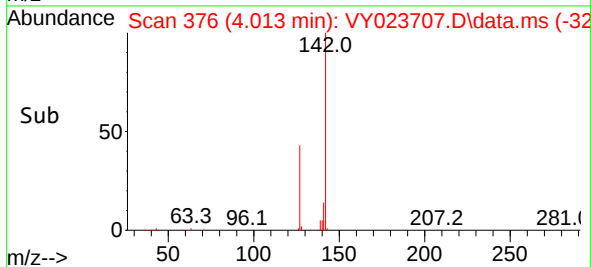
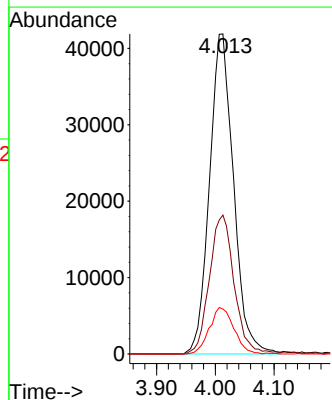
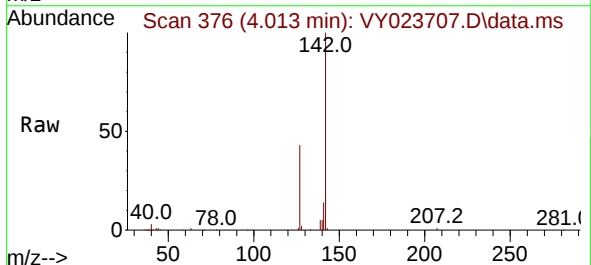
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

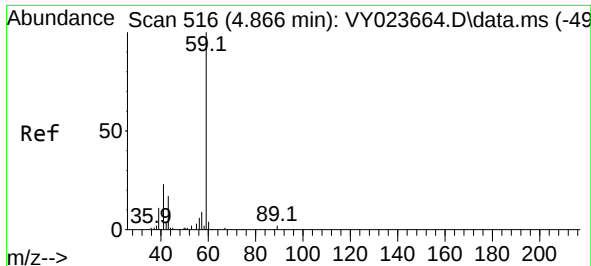
Tgt Ion:101 Resp: 108996
Ion Ratio Lower Upper
101 100
85 43.9 34.4 51.6
151 83.1 65.6 98.4



#10
Methyl Iodide
Concen: 20.188 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:142 Resp: 119018
Ion Ratio Lower Upper
142 100
127 44.6 34.6 51.8
141 14.8 11.6 17.4

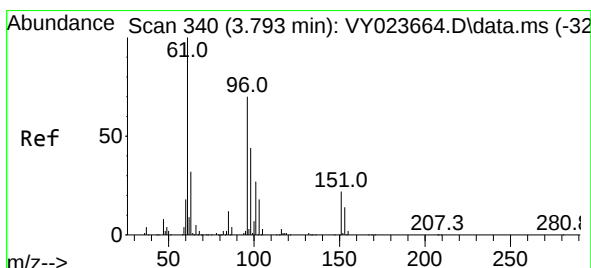
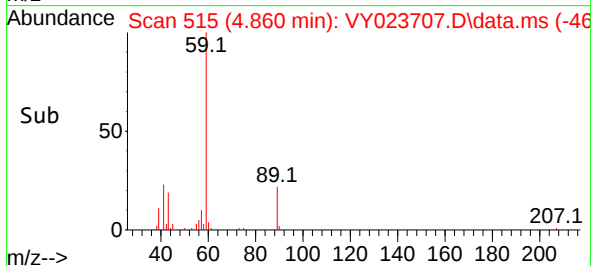
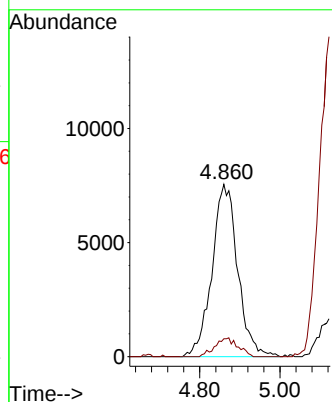
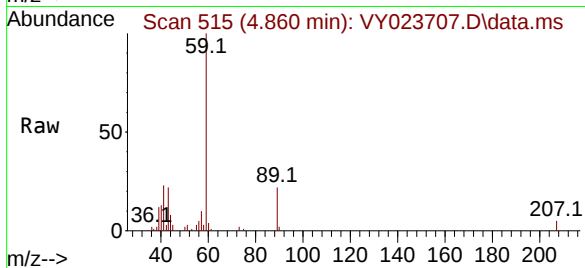




#11
Tert butyl alcohol
Concen: 113.275 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

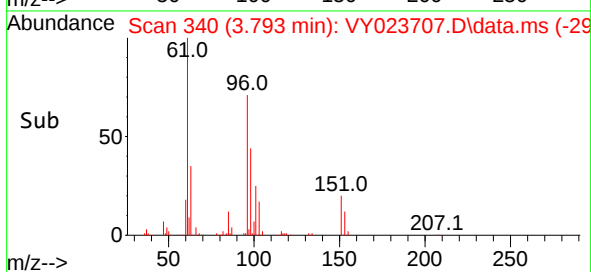
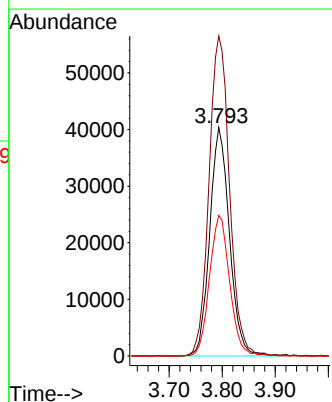
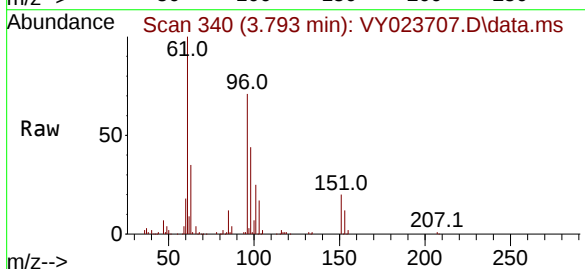
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

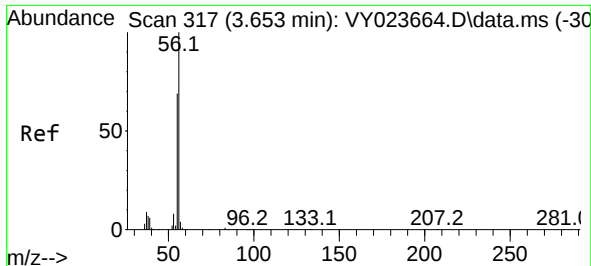
Tgt Ion: 59 Resp: 33537
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 21.721 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 96 Resp: 104465
Ion Ratio Lower Upper
96 100
61 140.1 114.0 171.0
98 61.5 50.2 75.2

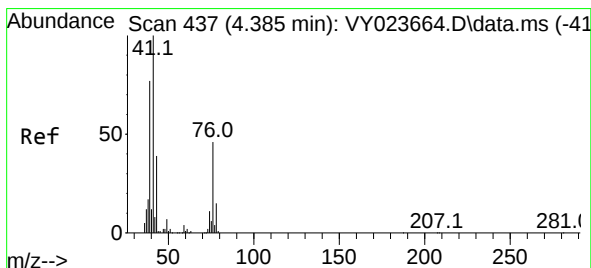
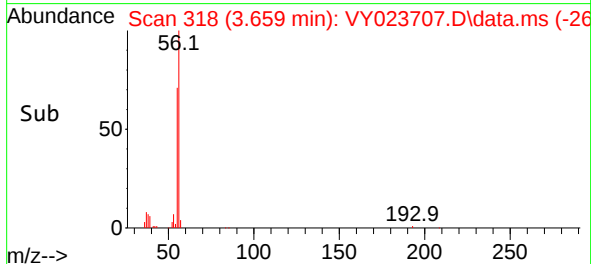
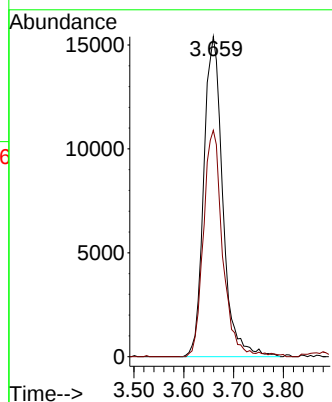
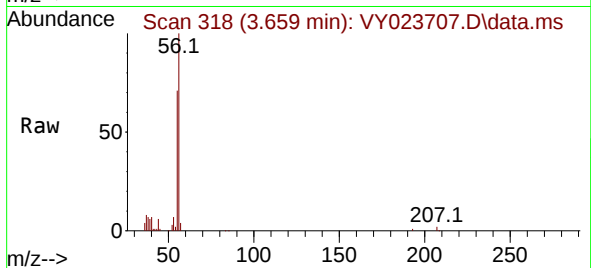




#13
Acrolein
Concen: 107.101 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

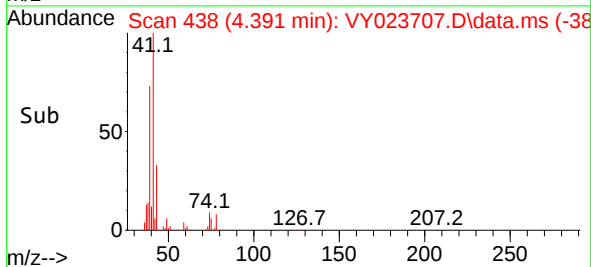
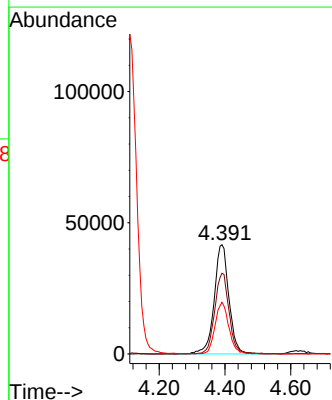
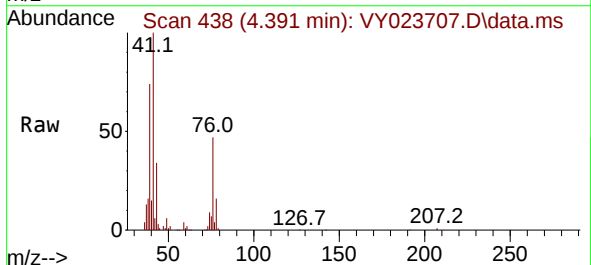
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

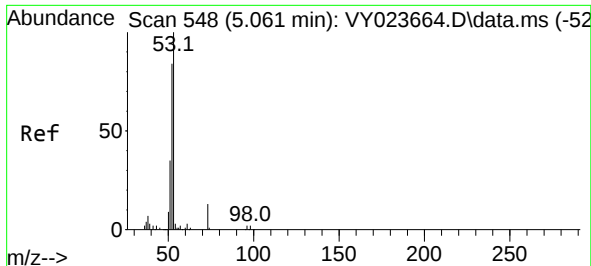
Tgt Ion: 56 Resp: 40756
Ion Ratio Lower Upper
56 100
55 70.6 56.6 84.8



#14
Allyl chloride
Concen: 22.139 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 41 Resp: 129596
Ion Ratio Lower Upper
41 100
39 71.2 60.4 90.6
76 43.7 38.0 57.0

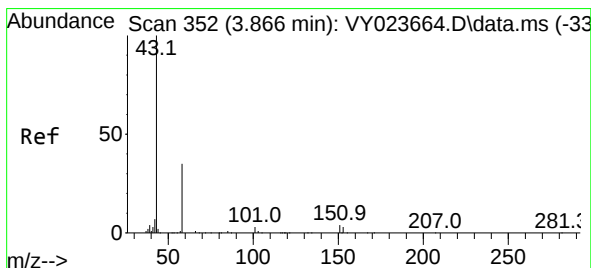
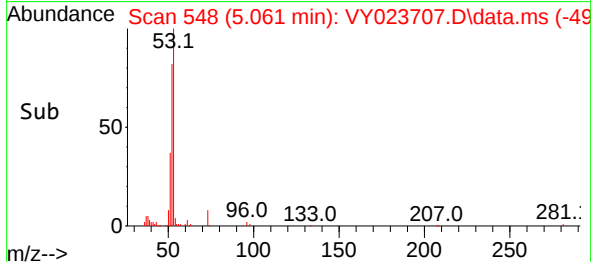
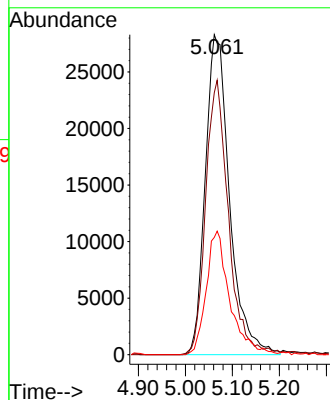
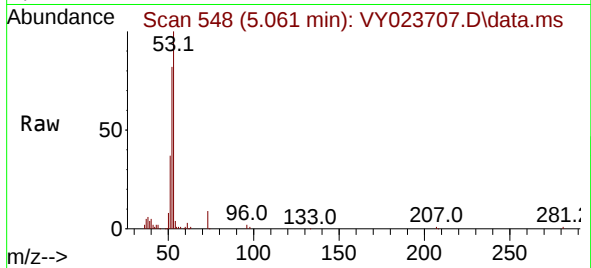




#15
Acrylonitrile
Concen: 109.314 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

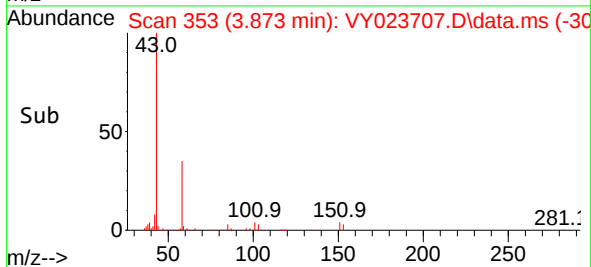
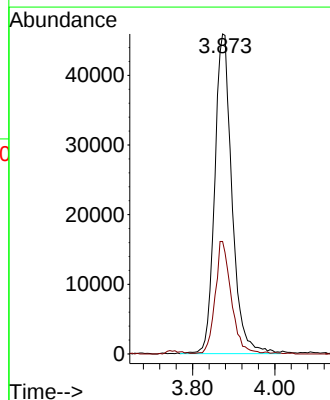
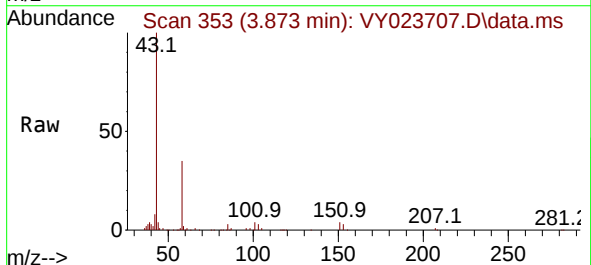
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

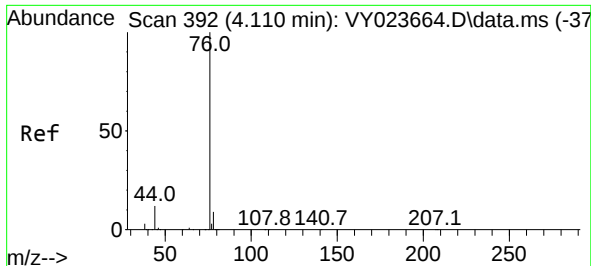
Tgt Ion: 53 Resp: 101514
Ion Ratio Lower Upper
53 100
52 80.8 64.9 97.3
51 37.4 29.4 44.0



#16
Acetone
Concen: 117.142 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 43 Resp: 133697
Ion Ratio Lower Upper
43 100
58 34.9 28.2 42.4

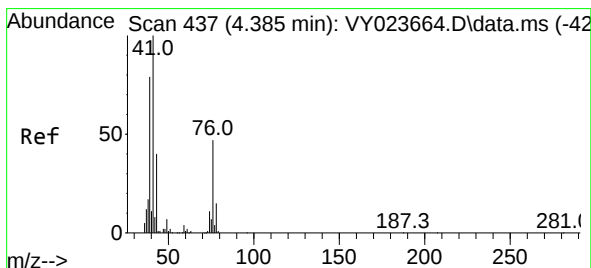
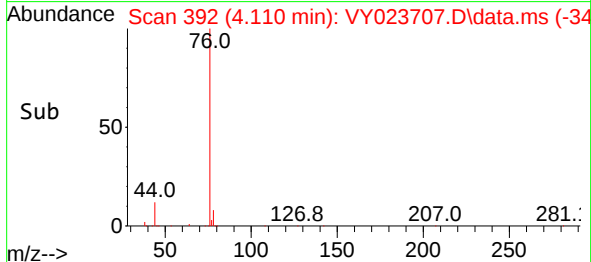
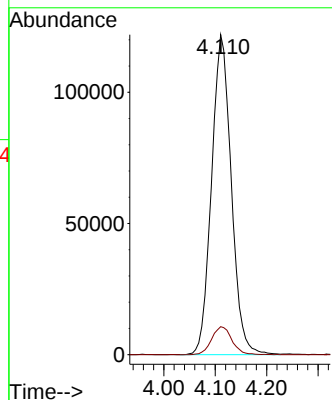
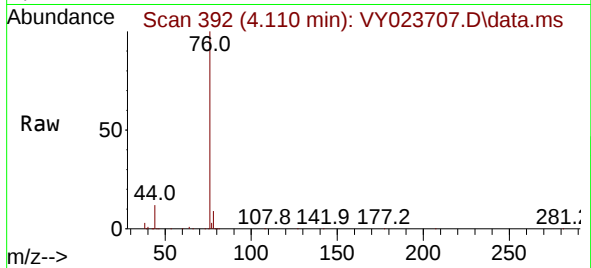




#17
Carbon Disulfide
Concen: 22.013 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

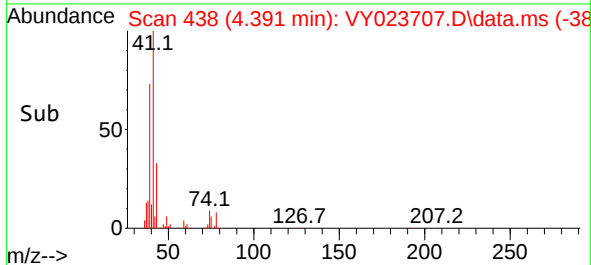
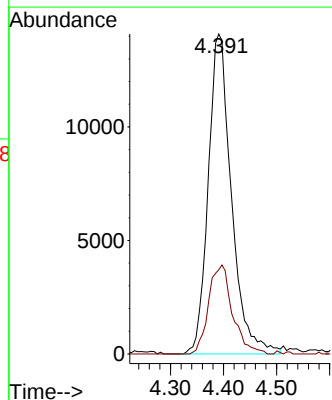
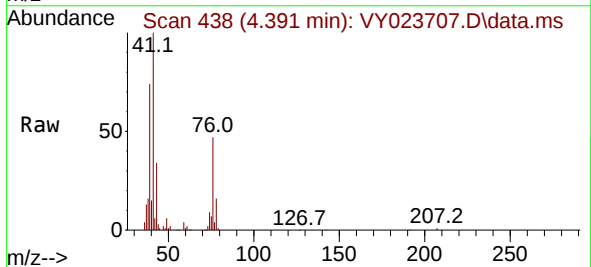
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Tgt Ion: 76 Resp: 324931
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 17.037 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 43 Resp: 42890
Ion Ratio Lower Upper
43 100
74 28.6 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 20.934 ug/l

RT: 5.129 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

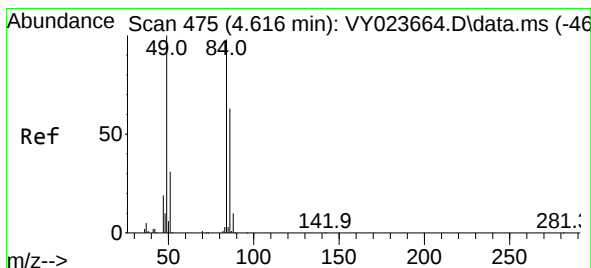
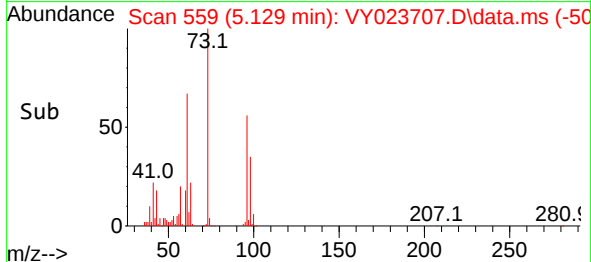
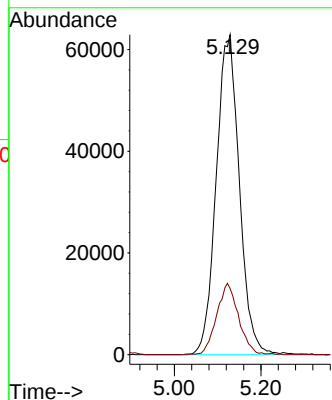
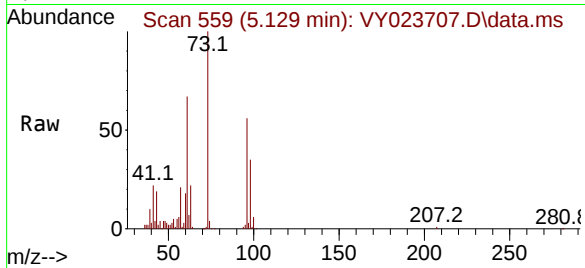
VY1107SBSD01

Tgt Ion: 73 Resp: 233452

Ion Ratio Lower Upper

73 100

57 20.6 16.1 24.1



#20

Methylene Chloride

Concen: 21.221 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Tgt Ion: 84 Resp: 116924

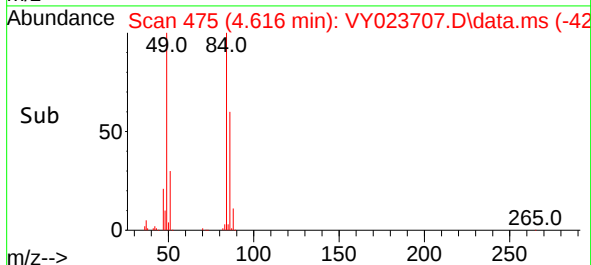
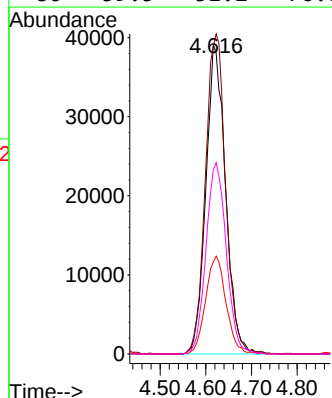
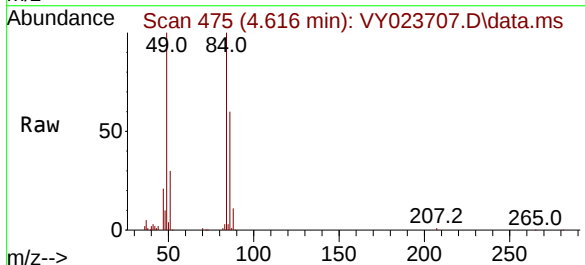
Ion Ratio Lower Upper

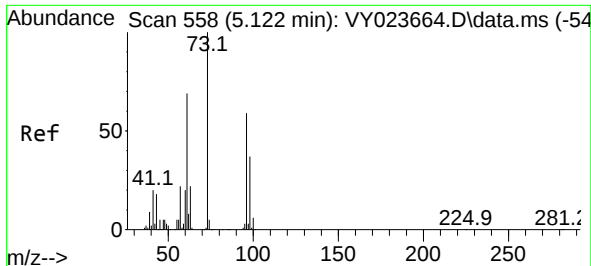
84 100

49 99.6 81.5 122.3

51 29.8 25.5 38.3

86 59.5 51.2 76.8

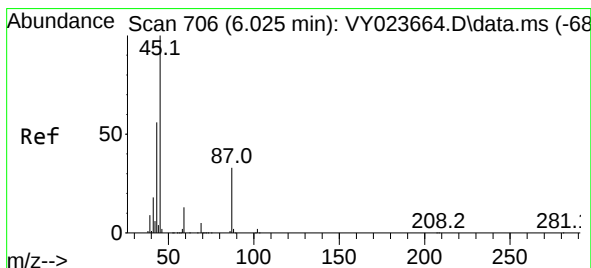
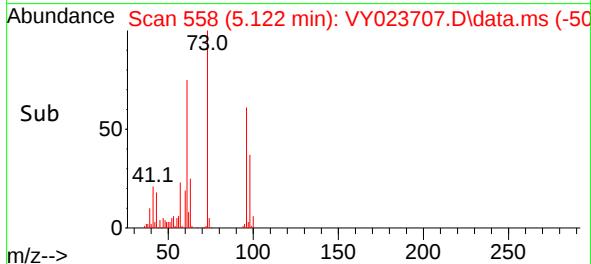
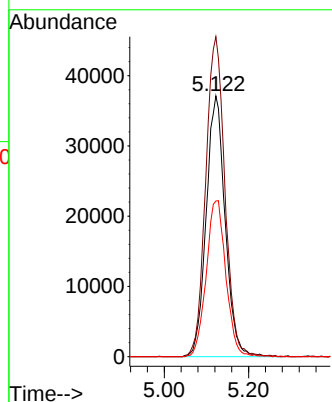
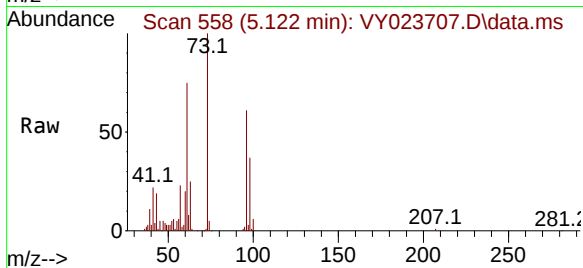




#21
trans-1,2-Dichloroethene
Concen: 21.400 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

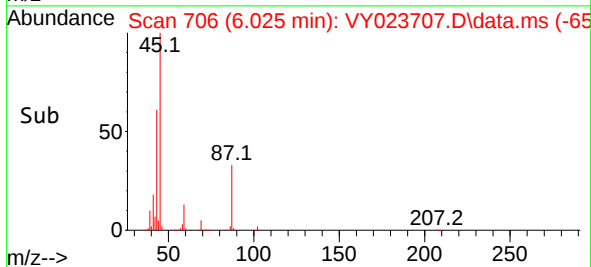
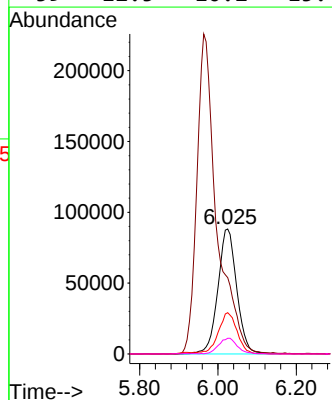
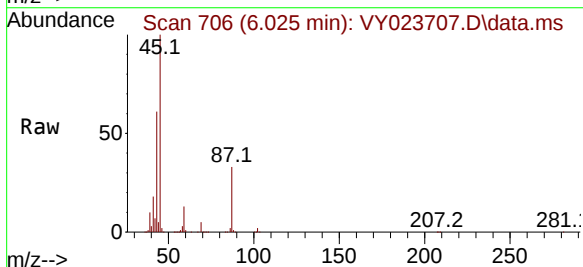
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

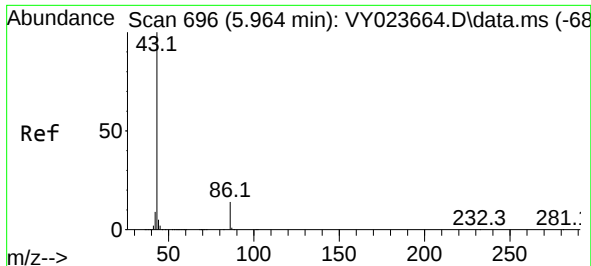
Tgt Ion: 96 Resp: 116046
Ion Ratio Lower Upper
96 100
61 122.7 93.3 139.9
98 59.7 50.6 75.8



#22
Diisopropyl ether
Concen: 22.634 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 45 Resp: 295235
Ion Ratio Lower Upper
45 100
43 60.7 44.7 67.1
87 33.0 27.2 40.8
59 12.5 10.2 15.4

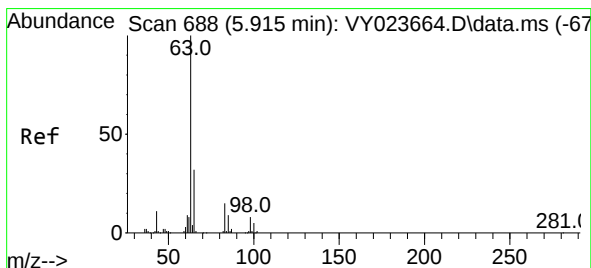
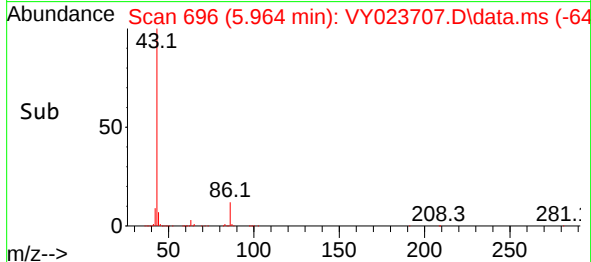
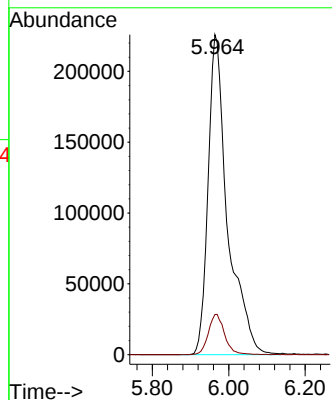
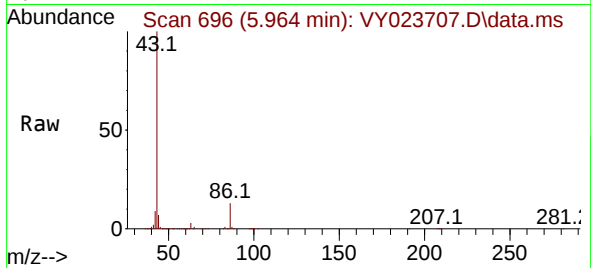




#23
 Vinyl Acetate
 Concen: 114.792 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023707.D
 Acq: 07 Nov 2025 10:18

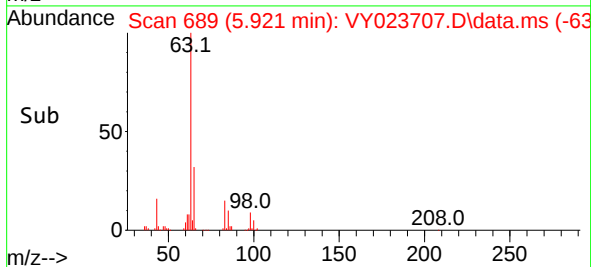
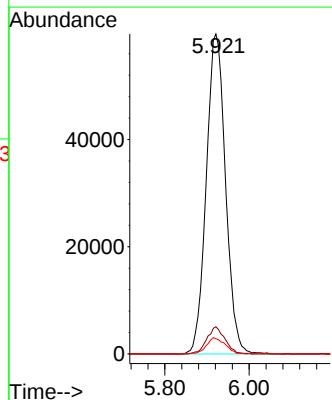
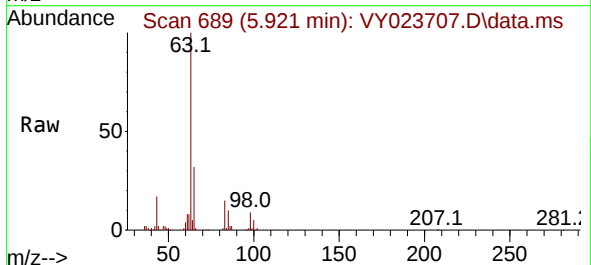
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

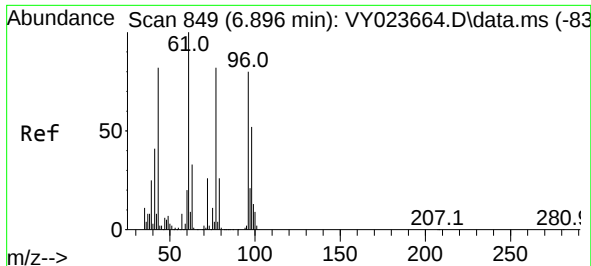
Tgt Ion: 43 Resp: 799036
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 21.844 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023707.D
 Acq: 07 Nov 2025 10:18

Tgt Ion: 63 Resp: 189815
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 4.7 2.6 7.8

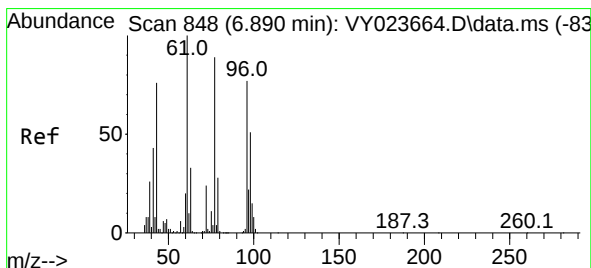
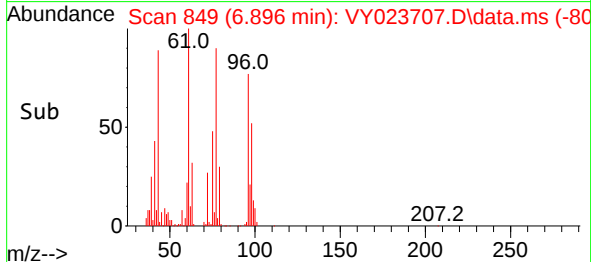
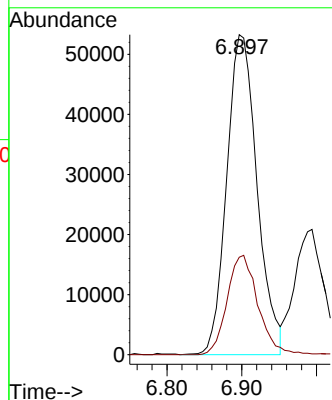
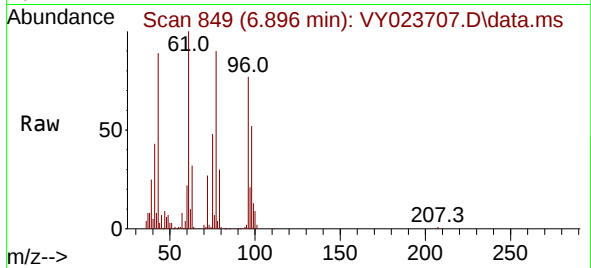




#25
2-Butanone
Concen: 114.246 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

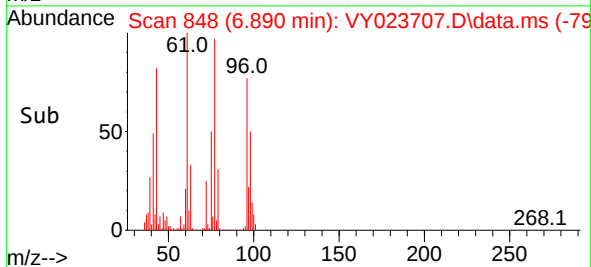
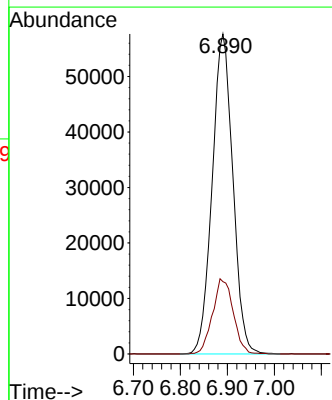
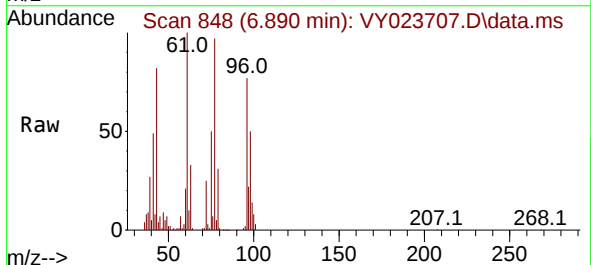
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

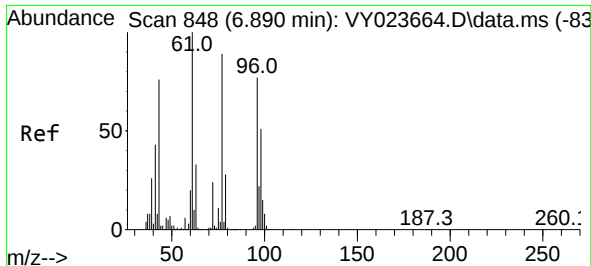
Tgt Ion: 43 Resp: 150757
Ion Ratio Lower Upper
43 100
72 30.5 25.7 38.5



#26
2,2-Dichloropropane
Concen: 22.007 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 77 Resp: 175904
Ion Ratio Lower Upper
77 100
97 23.5 12.0 36.1

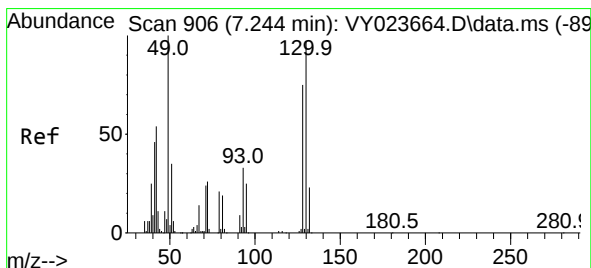
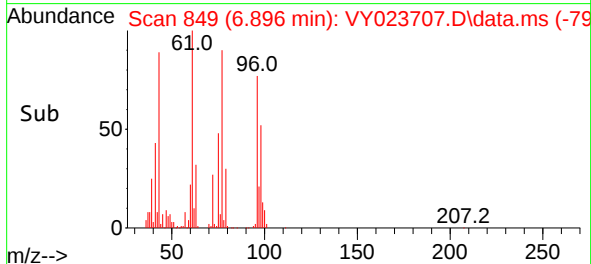
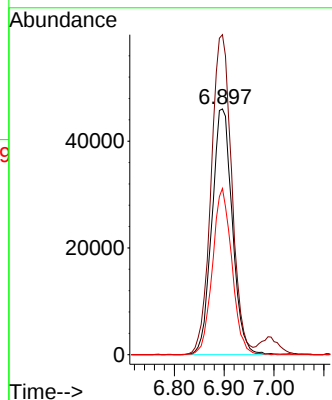
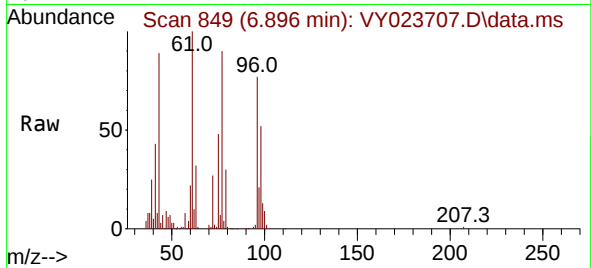




#27
 cis-1,2-Dichloroethene
 Concen: 21.179 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023707.D
 Acq: 07 Nov 2025 10:18

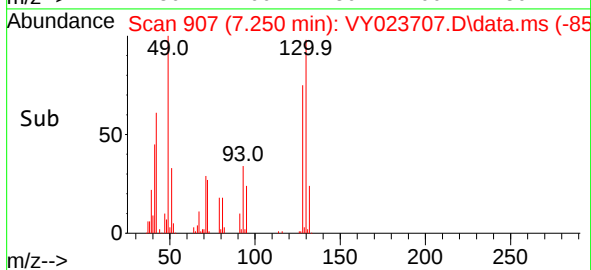
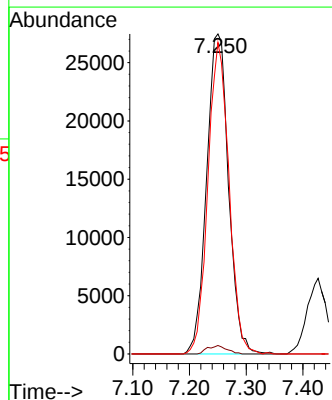
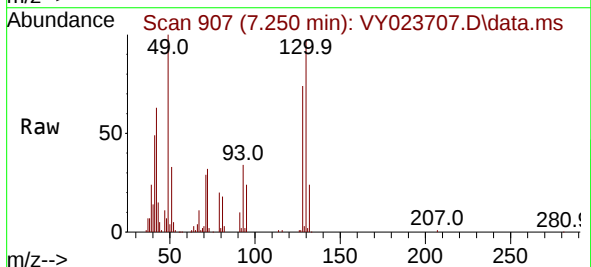
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

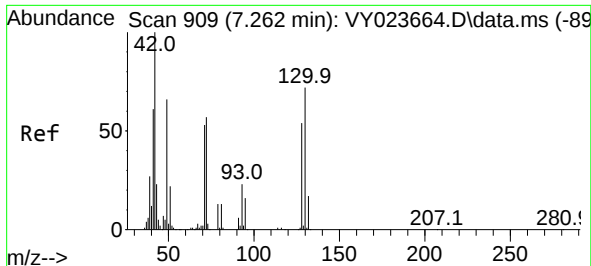
Tgt Ion: 96 Resp: 131161
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 255.0
 98 64.2 0.0 129.8



#28
 Bromochloromethane
 Concen: 22.215 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023707.D
 Acq: 07 Nov 2025 10:18

Tgt Ion: 49 Resp: 73915
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 92.8 80.1 120.1





#29

Tetrahydrofuran

Concen: 106.274 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

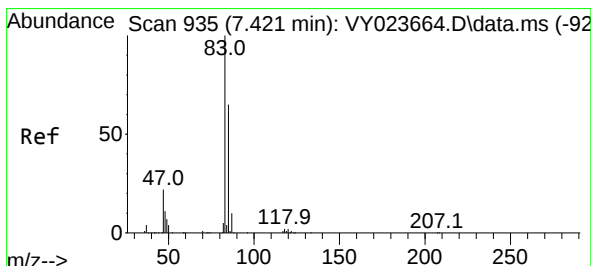
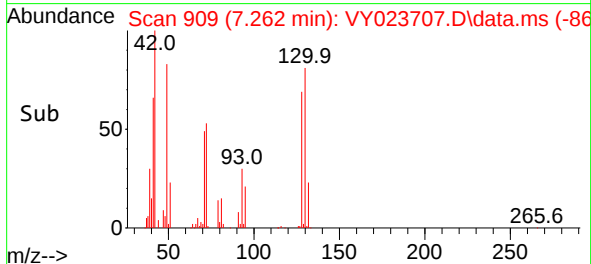
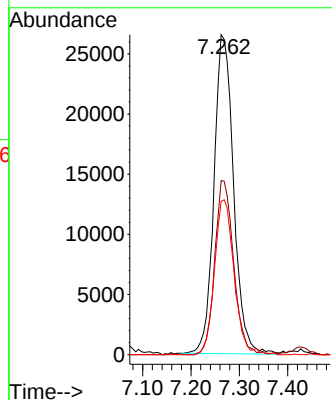
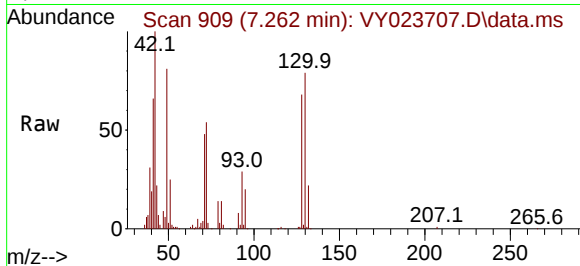
Tgt Ion: 42 Resp: 74686

Ion Ratio Lower Upper

42 100

72 52.6 43.4 65.2

71 48.4 40.7 61.1



#30

Chloroform

Concen: 21.414 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023707.D

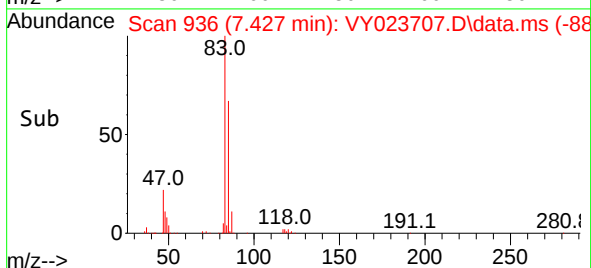
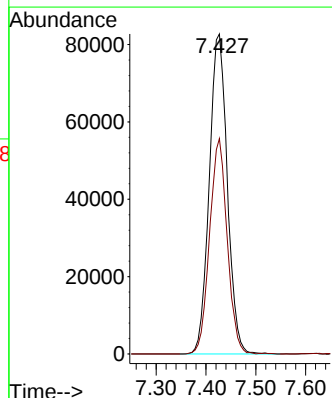
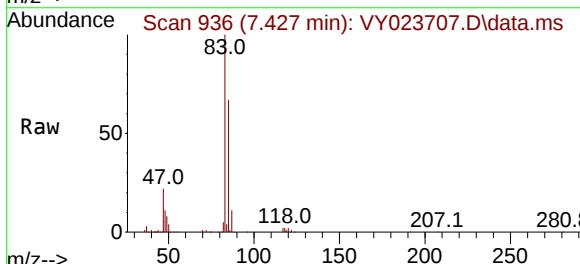
Acq: 07 Nov 2025 10:18

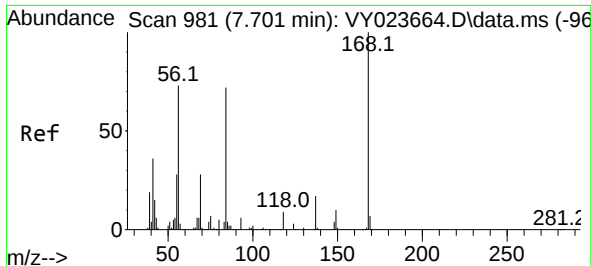
Tgt Ion: 83 Resp: 207612

Ion Ratio Lower Upper

83 100

85 67.3 52.1 78.1

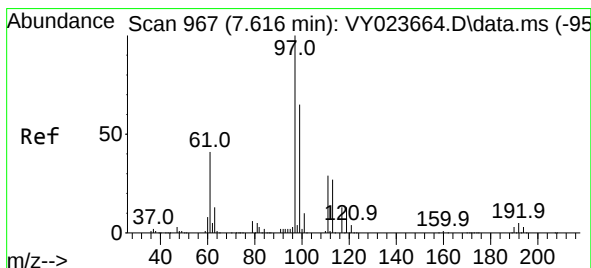
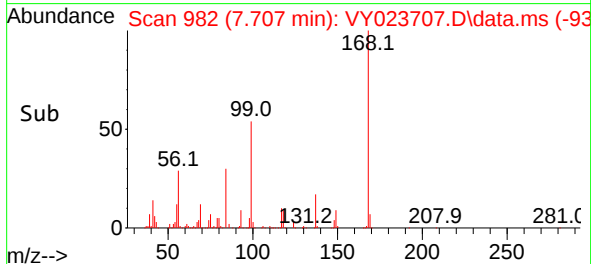
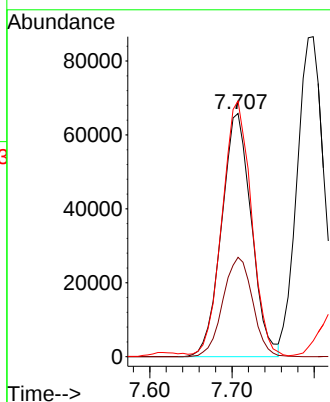
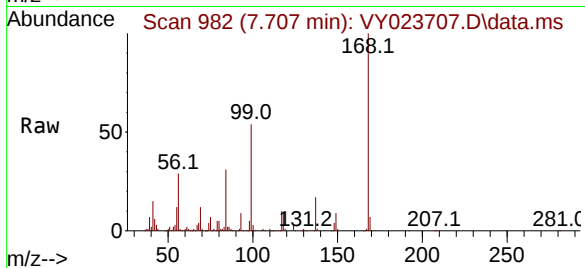




#31
Cyclohexane
Concen: 22.000 ug/l
RT: 7.707 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

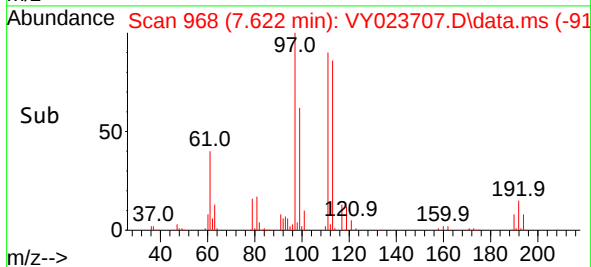
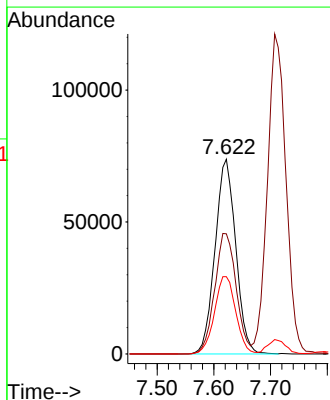
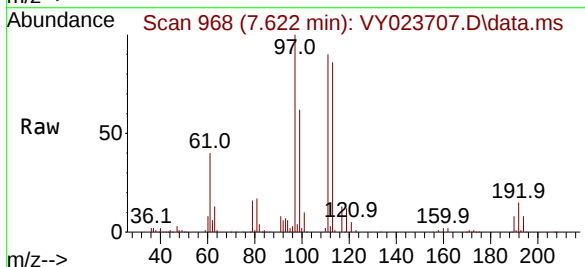
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

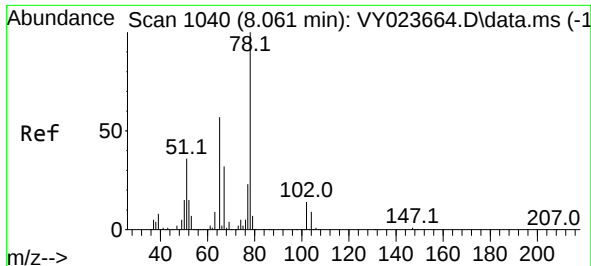
Tgt Ion: 56 Resp: 166488
Ion Ratio Lower Upper
56 100
69 40.9 30.5 45.7
84 104.0 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 21.617 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 97 Resp: 187320
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 40.9 32.5 48.7

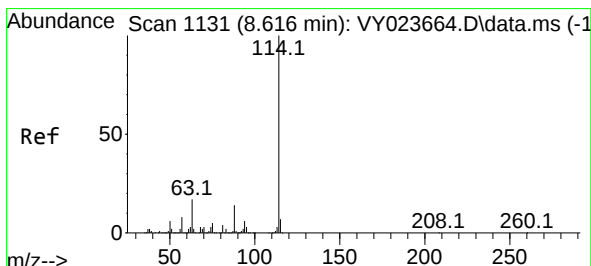
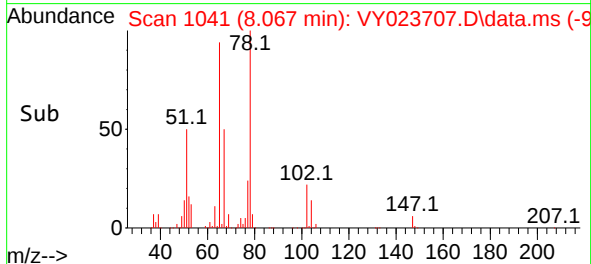
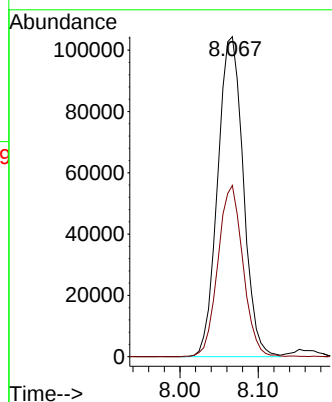
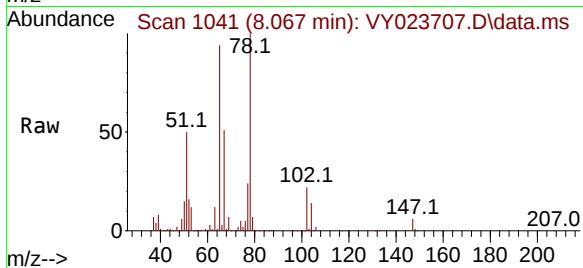




#33
1,2-Dichloroethane-d4
Concen: 51.663 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

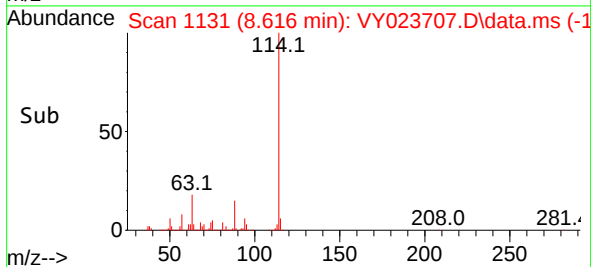
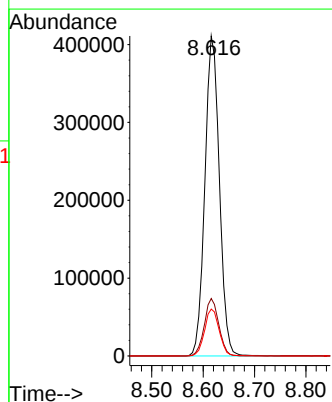
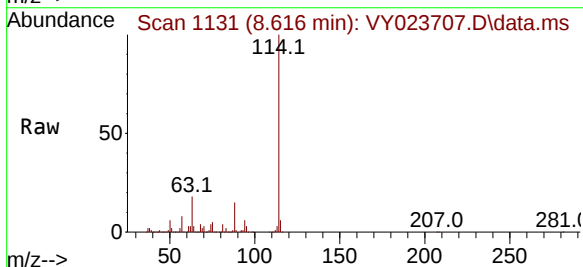
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 65 Resp: 237216
Ion Ratio Lower Upper
65 100
67 52.3 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: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 114 Resp: 803621
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.8
88 14.7 0.0 29.0

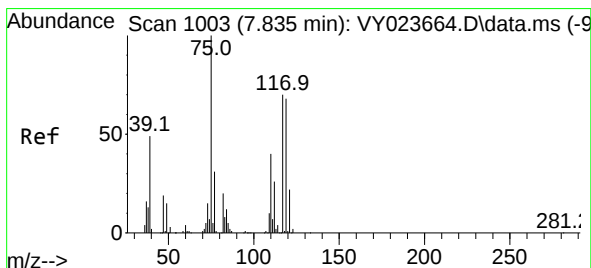
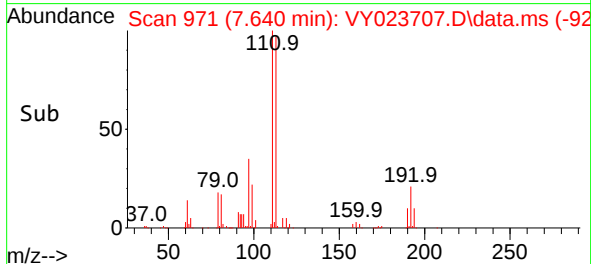
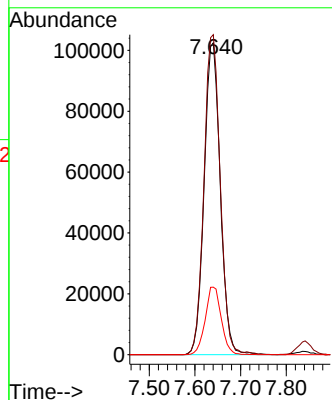
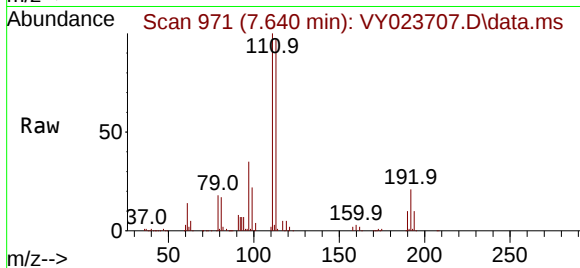




#35
Dibromofluoromethane
Concen: 50.096 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

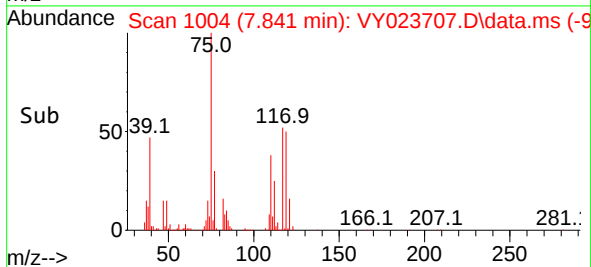
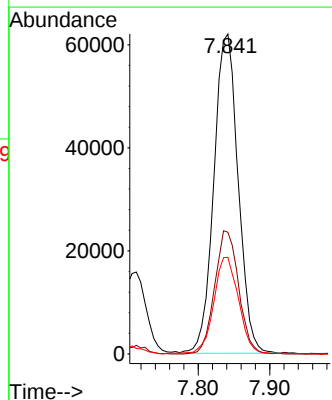
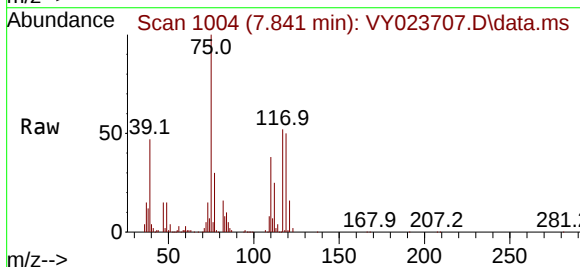
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:113 Resp: 251589
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 21.6 17.3 25.9



#36
1,1-Dichloropropene
Concen: 21.784 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 75 Resp: 146187
Ion Ratio Lower Upper
75 100
110 38.0 19.7 59.0
77 31.1 25.2 37.8





#37

Ethyl Acetate

Concen: 22.680 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD01

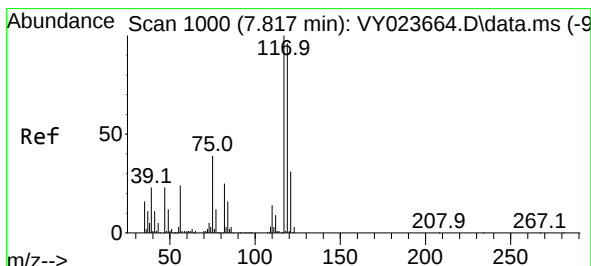
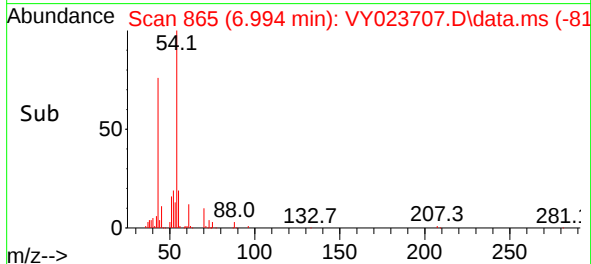
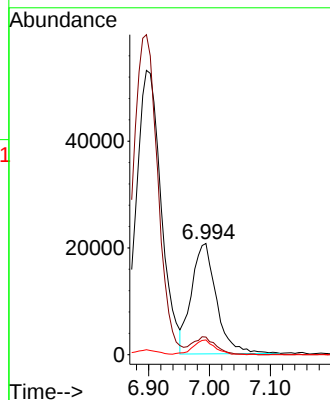
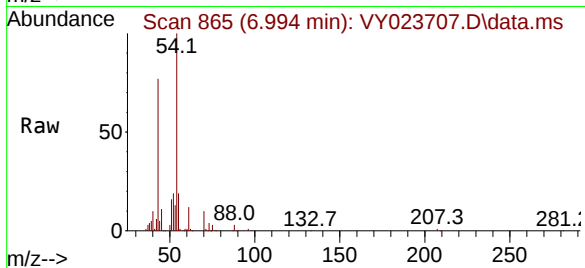
Tgt Ion: 43 Resp: 58921

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

70 11.8 9.8 14.8



#38

Carbon Tetrachloride

Concen: 21.574 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

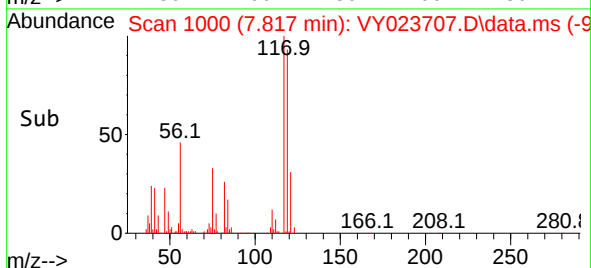
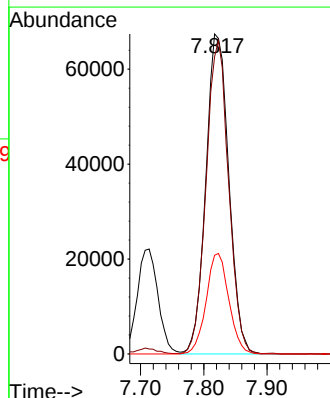
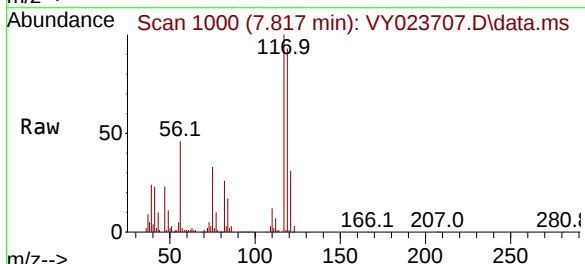
Tgt Ion: 117 Resp: 170579

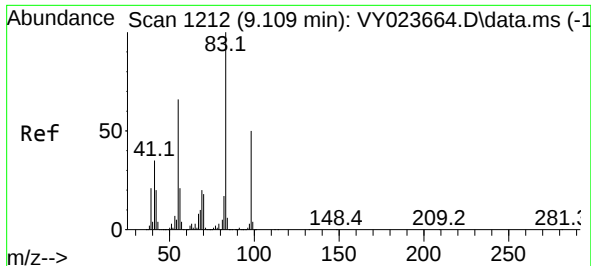
Ion Ratio Lower Upper

117 100

119 92.9 76.3 114.5

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 21.271 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD01

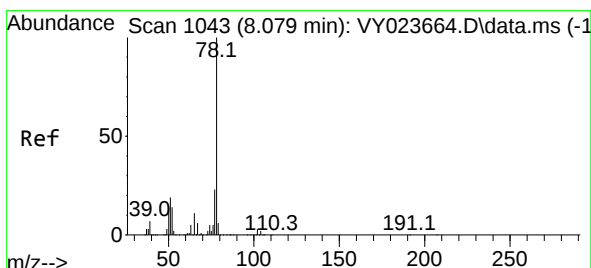
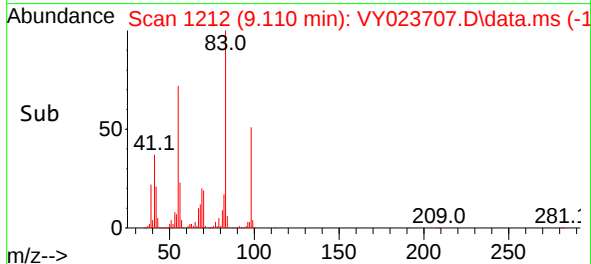
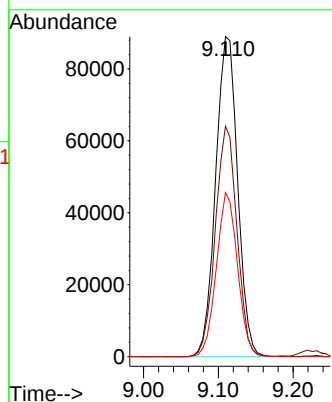
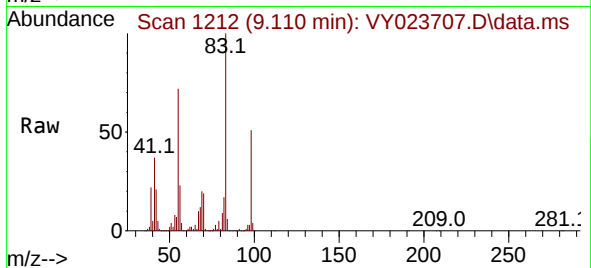
Tgt Ion: 83 Resp: 182394

Ion Ratio Lower Upper

83 100

55 72.0 52.6 78.8

98 51.2 39.7 59.5



#40

Benzene

Concen: 21.626 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023707.D

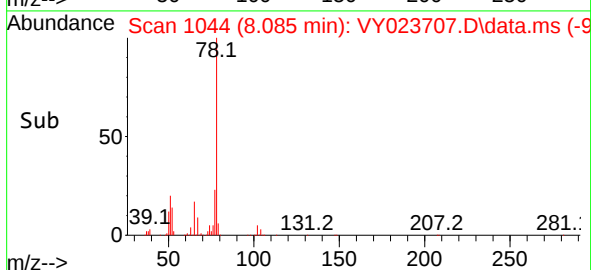
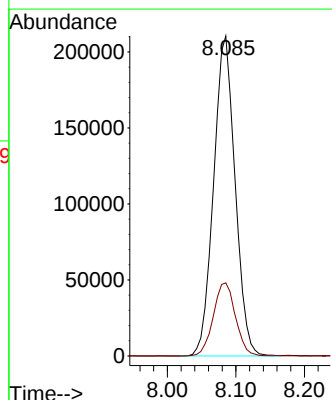
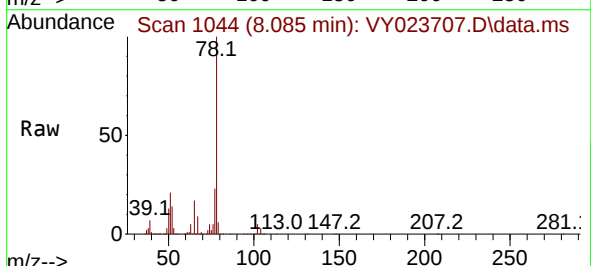
Acq: 07 Nov 2025 10:18

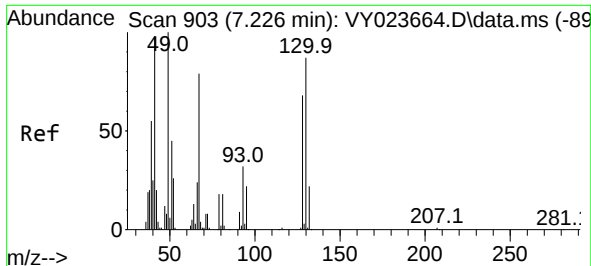
Tgt Ion: 78 Resp: 457463

Ion Ratio Lower Upper

78 100

77 22.9 18.8 28.2

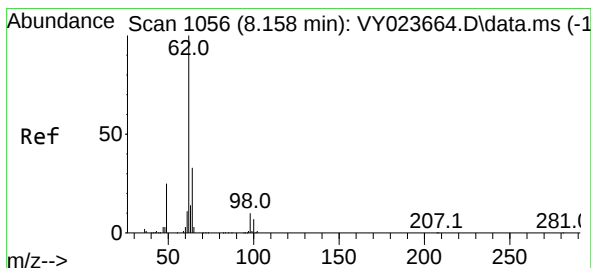
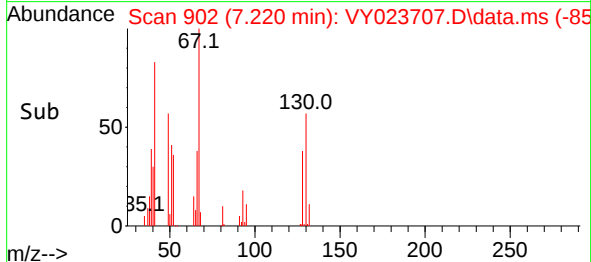
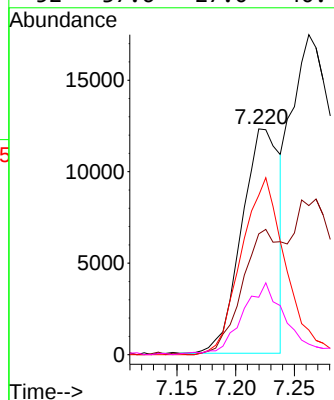
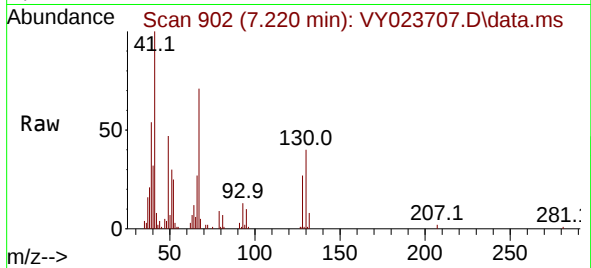




#41
Methacrylonitrile
Concen: 19.456 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

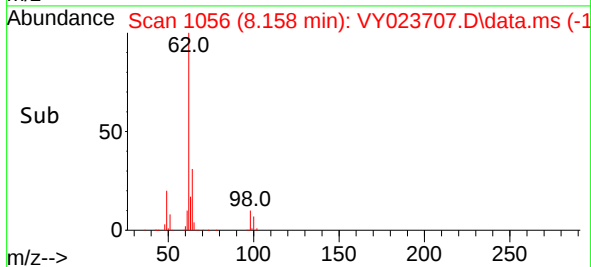
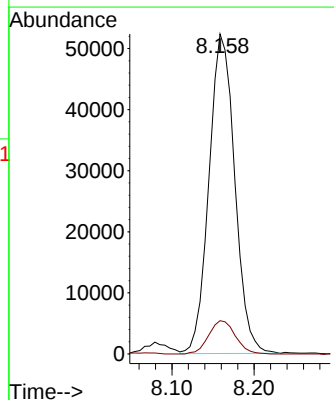
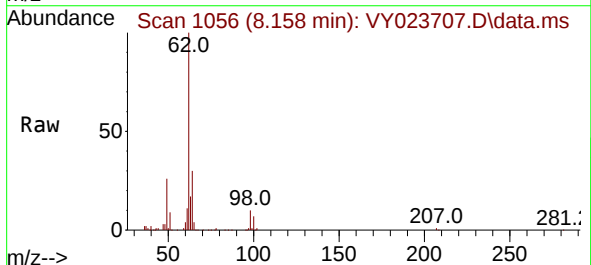
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

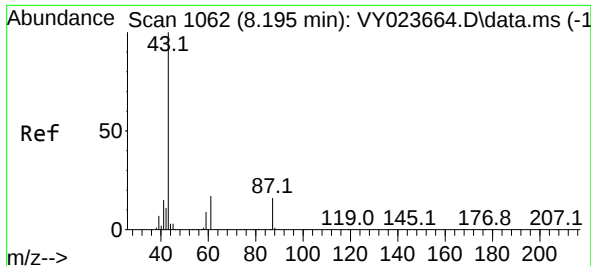
Tgt Ion: 41 Resp: 27589
Ion Ratio Lower Upper
41 100
39 63.2 38.6 57.8#
67 93.5 71.3 106.9
52 37.6 27.0 40.4



#42
1,2-Dichloroethane
Concen: 21.315 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 62 Resp: 114070
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.0

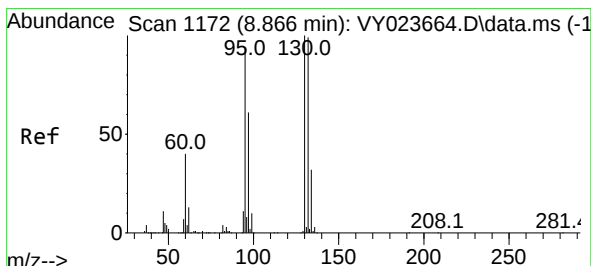
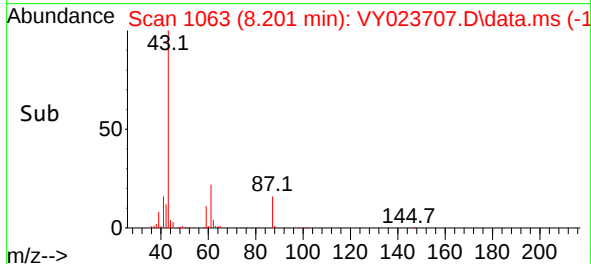
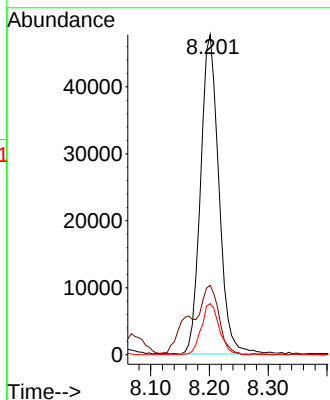
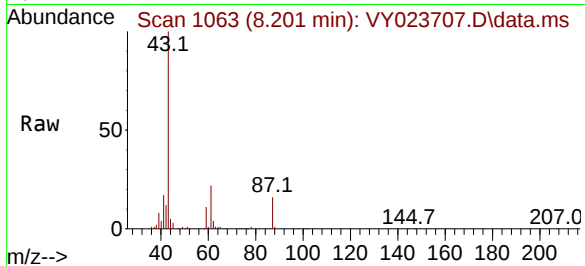




#43
Isopropyl Acetate
Concen: 21.107 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

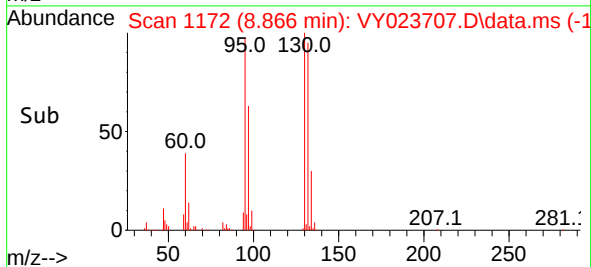
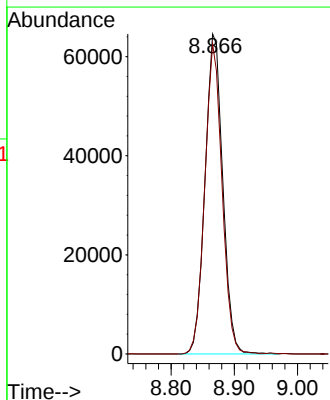
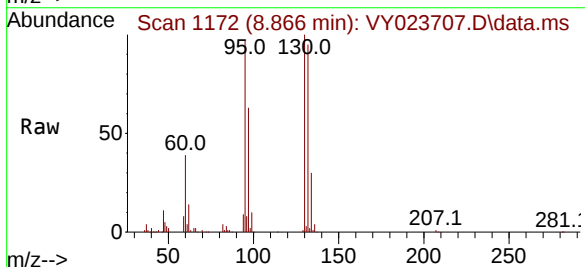
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

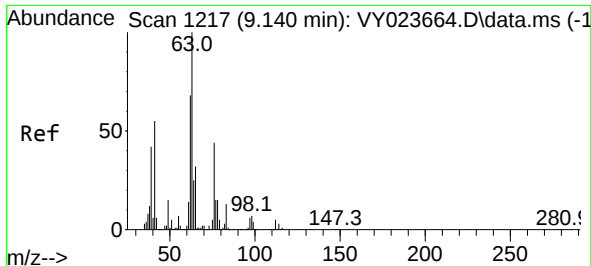
Tgt Ion: 43 Resp: 103030
Ion Ratio Lower Upper
43 100
61 21.3 18.2 27.2
87 15.7 13.3 19.9



#44
Trichloroethene
Concen: 20.717 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:130 Resp: 125868
Ion Ratio Lower Upper
130 100
95 96.9 0.0 187.0





#45

1,2-Dichloropropane

Concen: 21.515 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

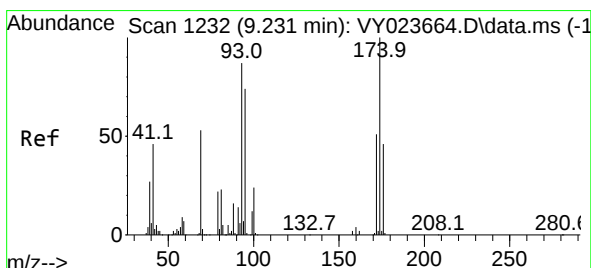
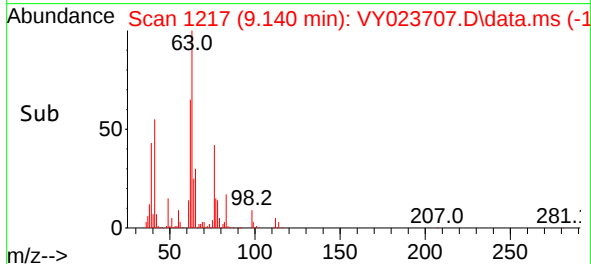
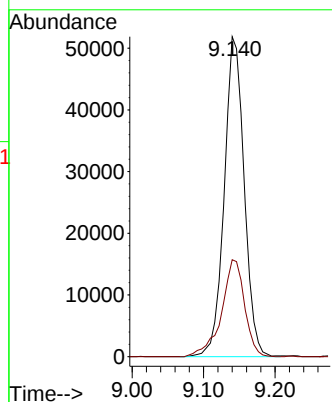
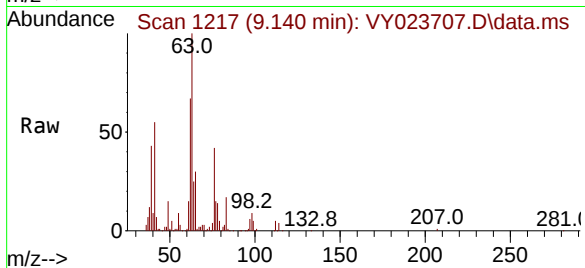
VY1107SBSD01

Tgt Ion: 63 Resp: 100444

Ion Ratio Lower Upper

63 100

65 30.3 25.6 38.4



#46

Dibromomethane

Concen: 20.963 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

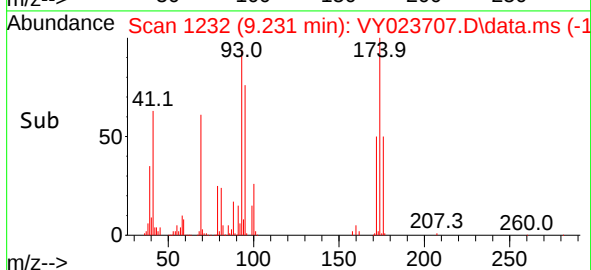
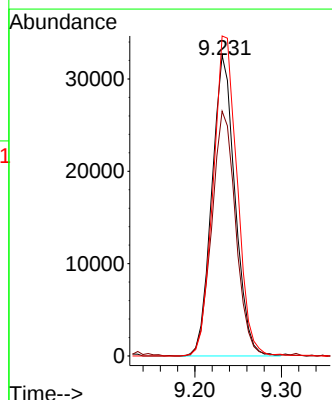
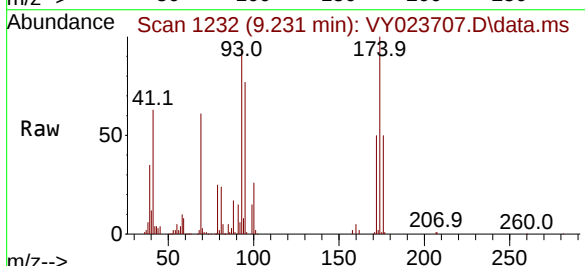
Tgt Ion: 93 Resp: 60638

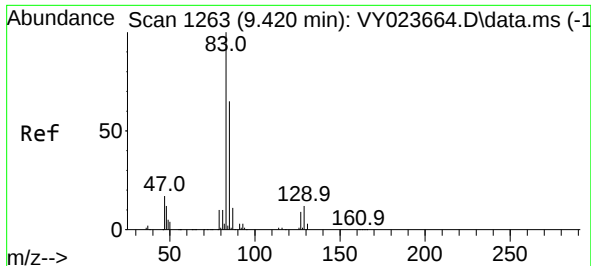
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.2

174 110.0 89.4 134.0

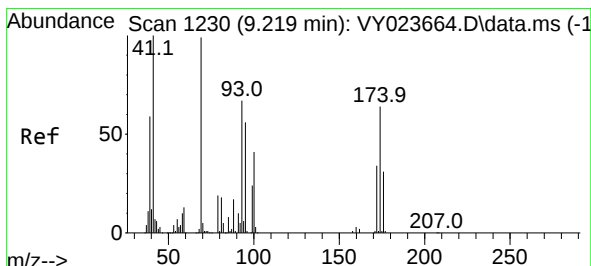
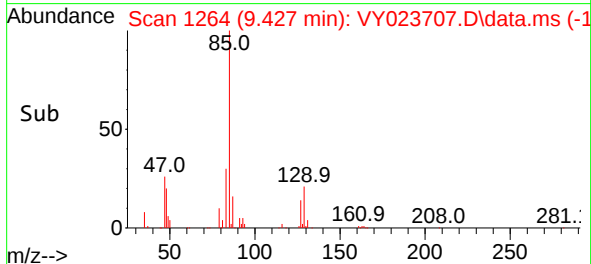
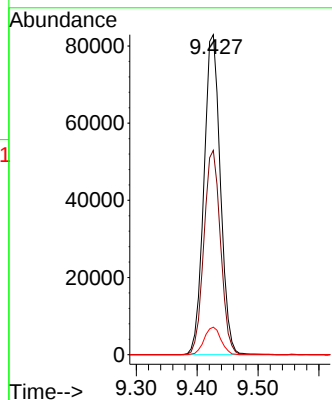
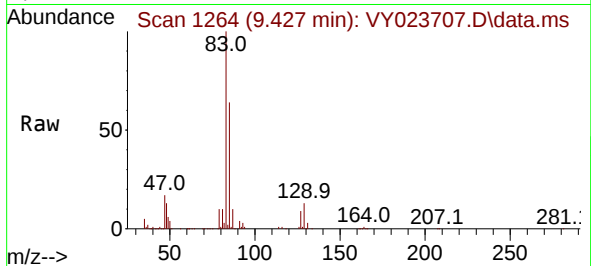




#47
Bromodichloromethane
Concen: 21.318 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

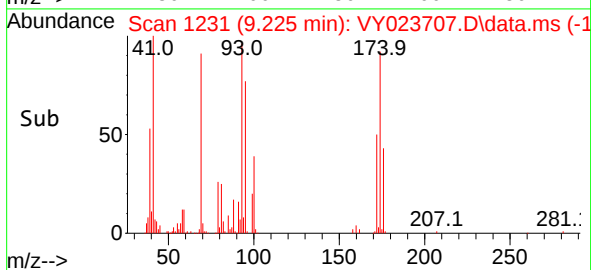
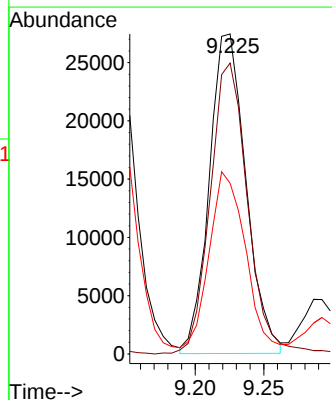
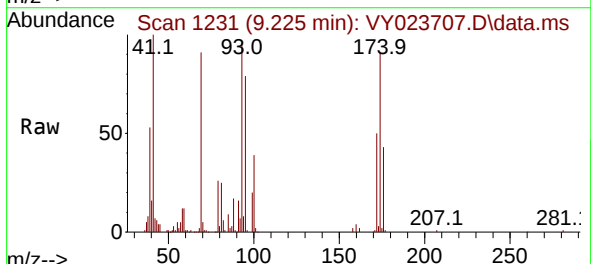
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

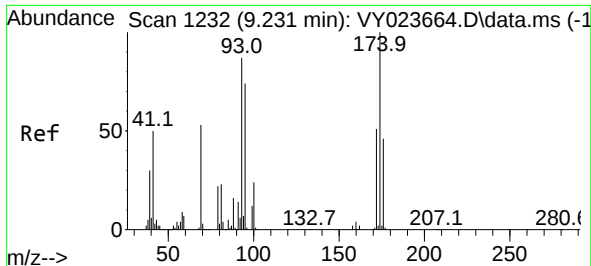
Tgt Ion: 83 Resp: 155475
Ion Ratio Lower Upper
83 100
85 63.8 52.1 78.1
127 8.6 7.5 11.3



#48
Methyl methacrylate
Concen: 22.149 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 41 Resp: 51080
Ion Ratio Lower Upper
41 100
69 93.2 80.2 120.2
39 53.2 47.4 71.0

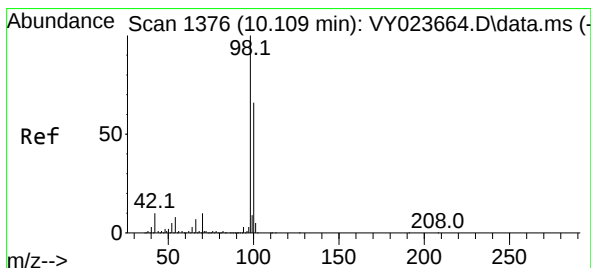
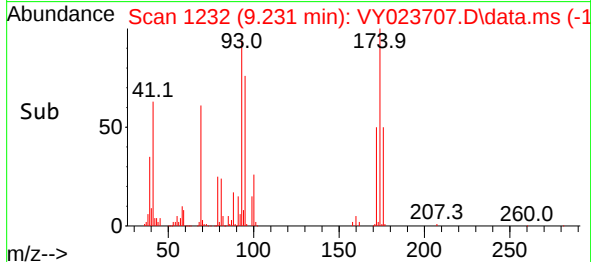
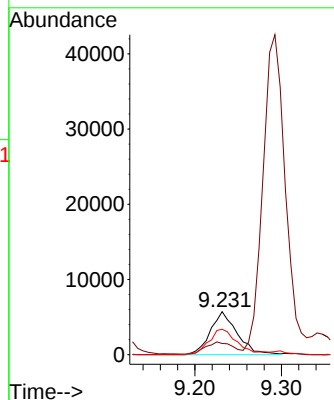
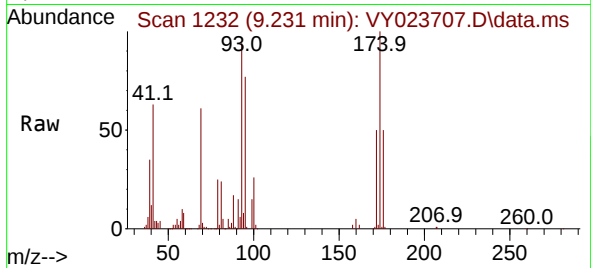




#49
1,4-Dioxane
Concen: 415.164 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

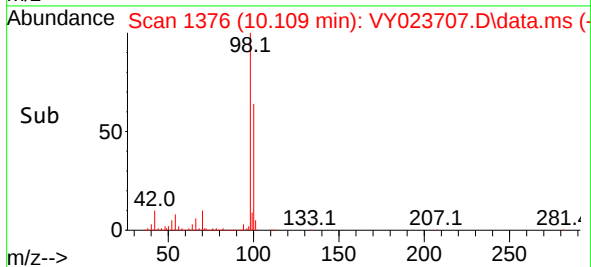
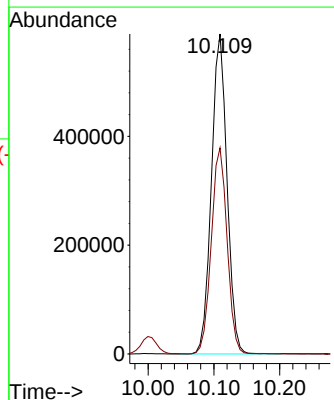
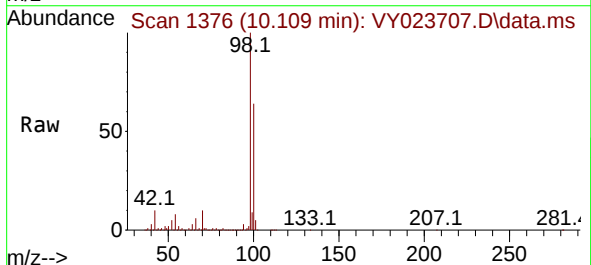
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

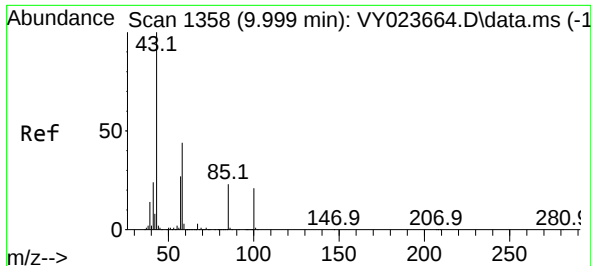
Tgt Ion: 88 Resp: 12290
Ion Ratio Lower Upper
88 100
43 28.3 22.0 33.0
58 61.0 47.8 71.8



#50
Toluene-d8
Concen: 51.865 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 98 Resp: 970261
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 106.873 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

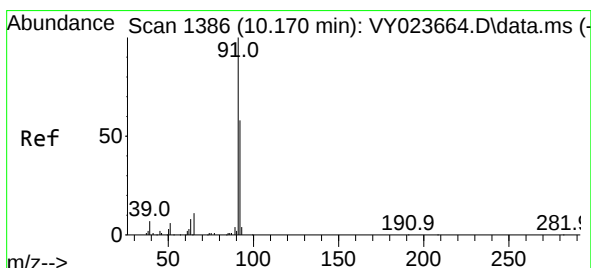
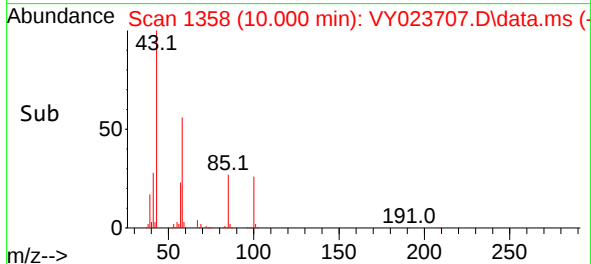
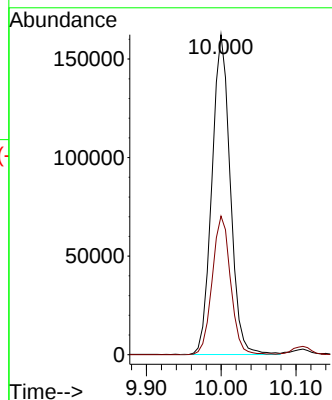
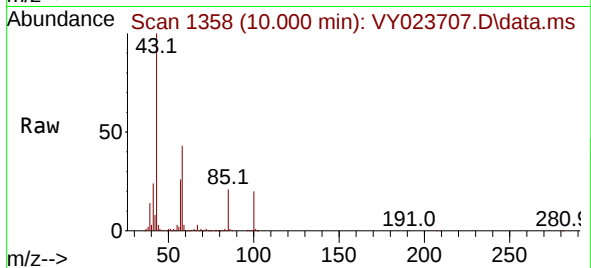
VY1107SBSD01

Tgt Ion: 43 Resp: 277428

Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2



#52

Toluene

Concen: 21.630 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023707.D

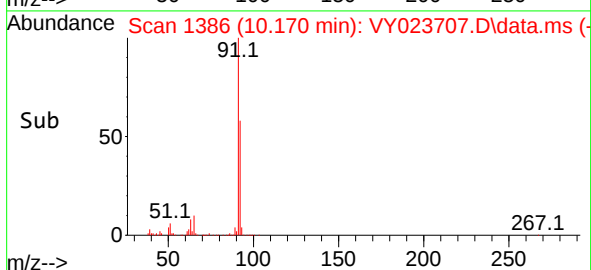
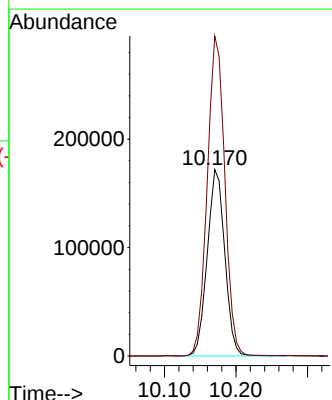
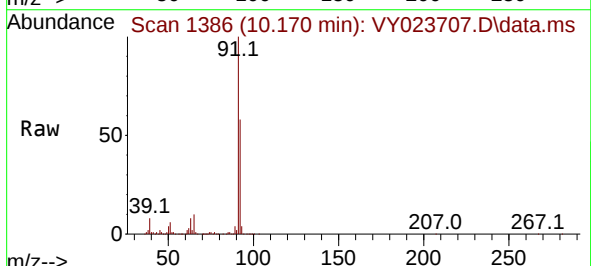
Acq: 07 Nov 2025 10:18

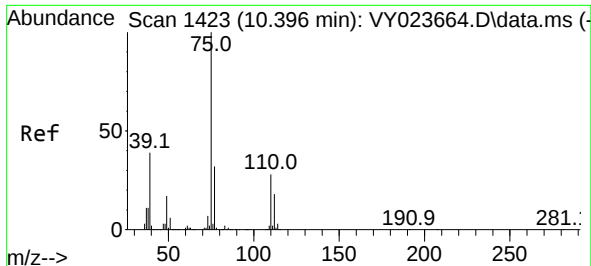
Tgt Ion: 92 Resp: 292106

Ion Ratio Lower Upper

92 100

91 172.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 20.893 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

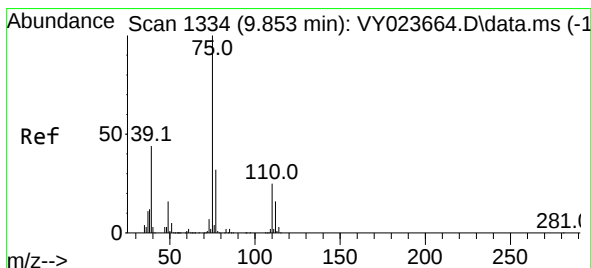
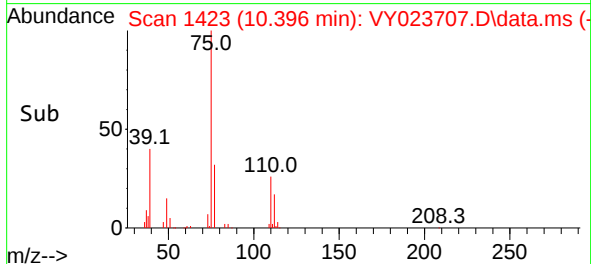
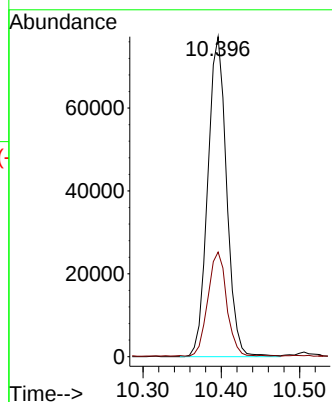
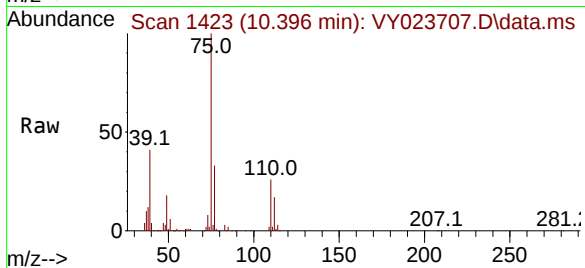
VY1107SBSD01

Tgt Ion: 75 Resp: 128929

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.232 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

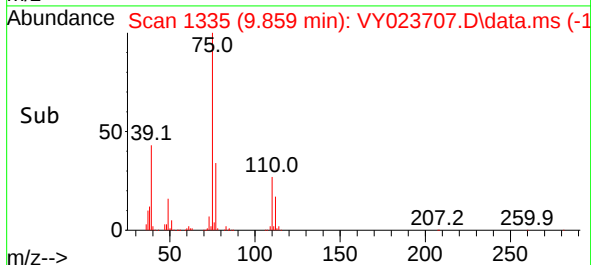
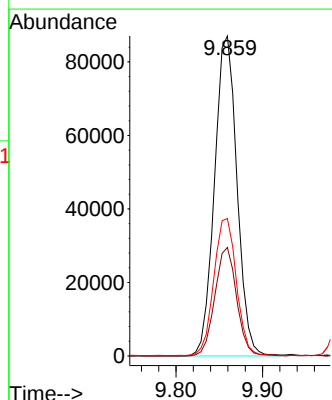
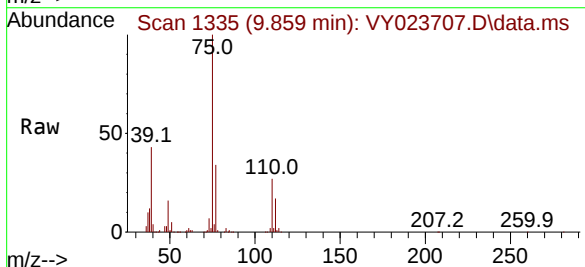
Tgt Ion: 75 Resp: 156973

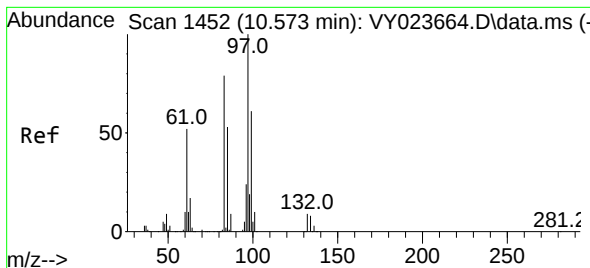
Ion Ratio Lower Upper

75 100

77 33.9 25.7 38.5

39 42.9 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 21.391 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD01

Tgt Ion: 97 Resp: 82692

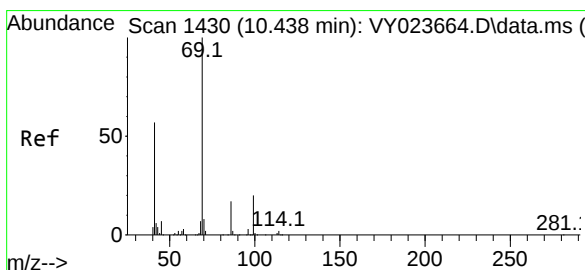
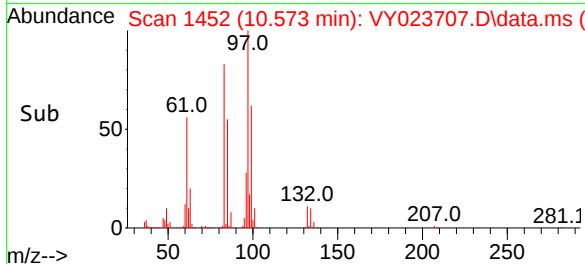
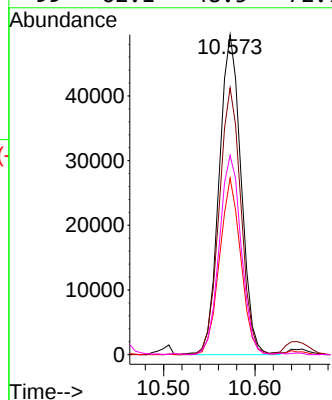
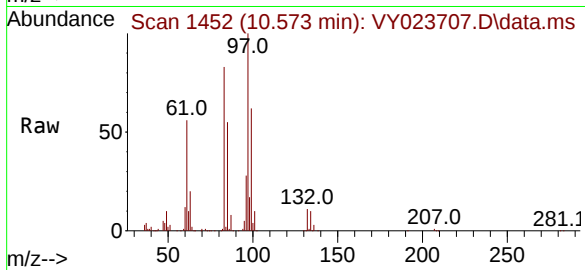
Ion Ratio Lower Upper

97 100

83 83.2 63.3 94.9

85 55.2 42.4 63.6

99 62.1 48.5 72.7



#56

Ethyl methacrylate

Concen: 20.773 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

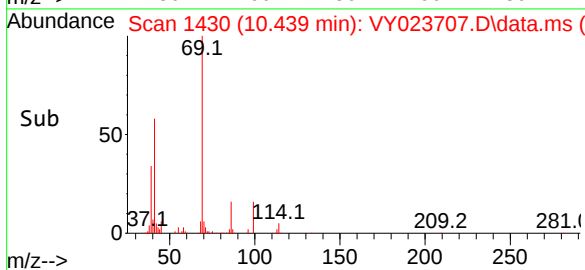
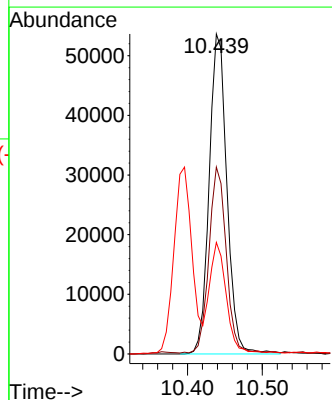
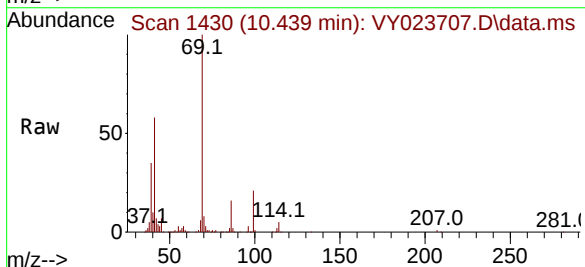
Tgt Ion: 69 Resp: 88475

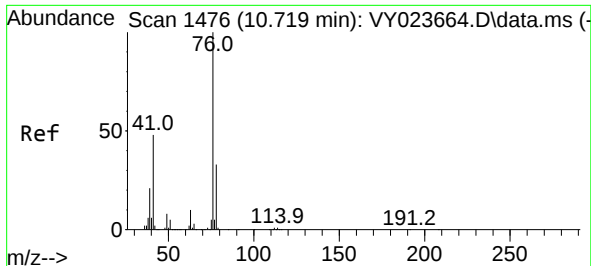
Ion Ratio Lower Upper

69 100

41 56.5 45.0 67.4

39 32.9 25.1 37.7





#57

1,3-Dichloropropane

Concen: 21.267 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

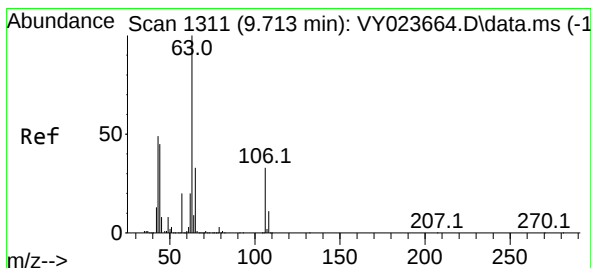
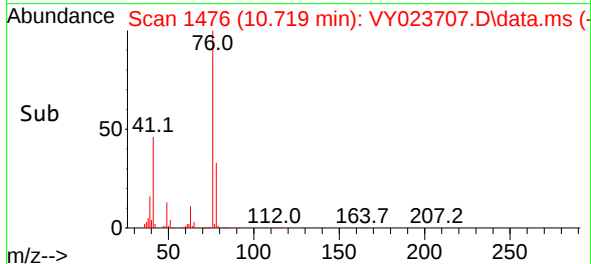
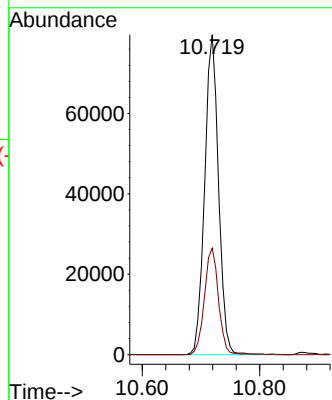
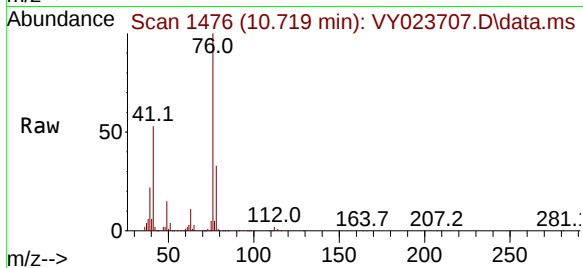
VY1107SBSD01

Tgt Ion: 76 Resp: 130399

Ion Ratio Lower Upper

76 100

78 33.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.867 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023707.D

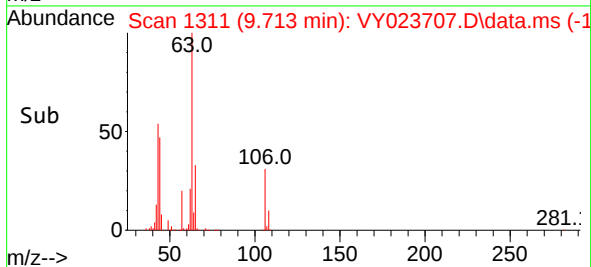
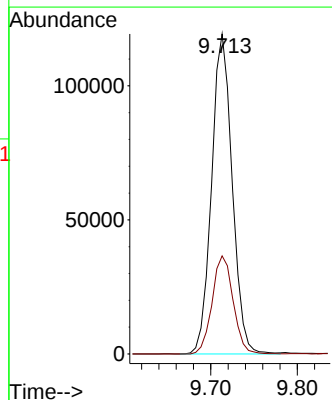
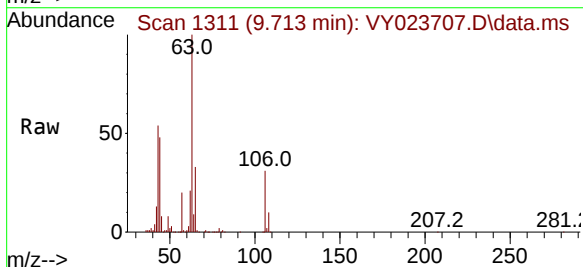
Acq: 07 Nov 2025 10:18

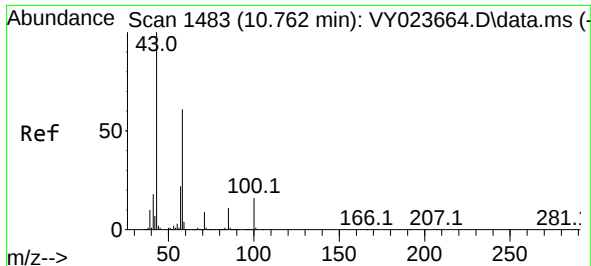
Tgt Ion: 63 Resp: 197138

Ion Ratio Lower Upper

63 100

106 31.2 26.2 39.2

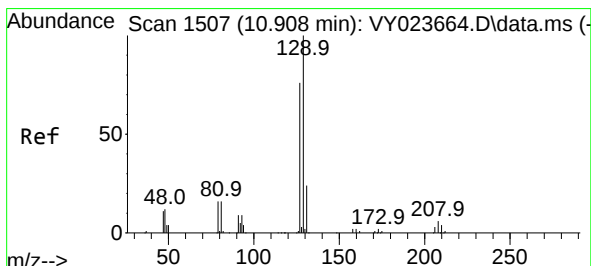
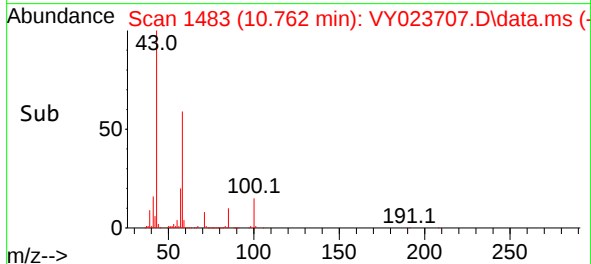
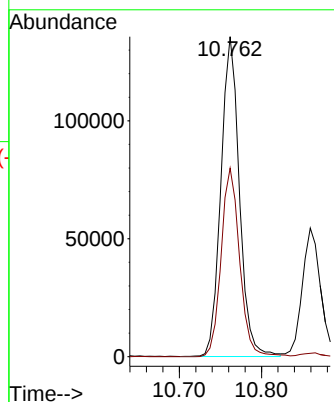
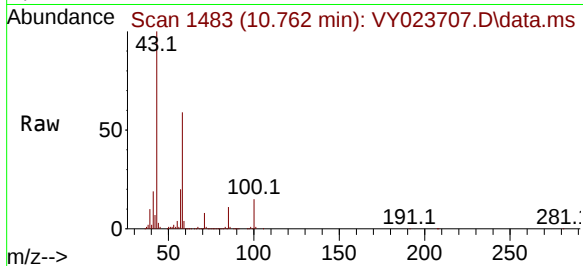




#59
2-Hexanone
Concen: 111.886 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

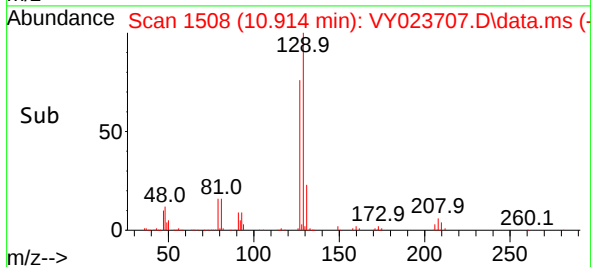
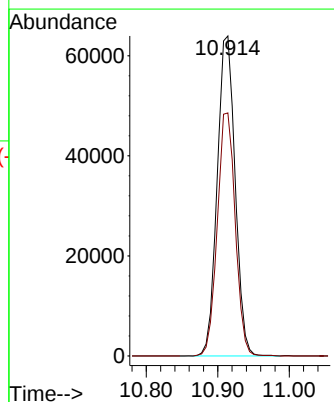
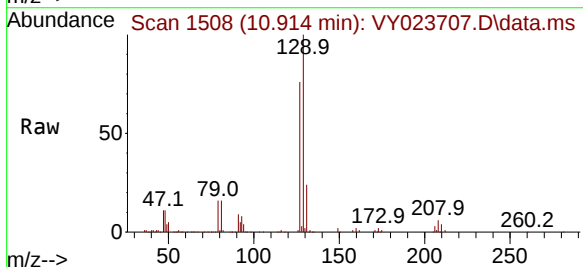
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

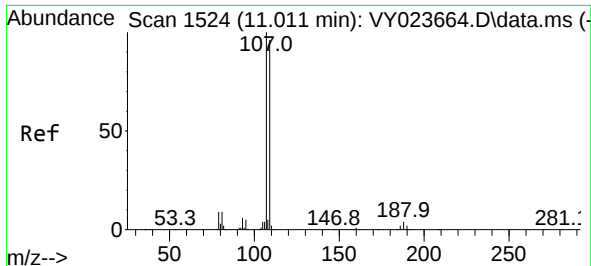
Tgt Ion: 43 Resp: 211898
Ion Ratio Lower Upper
43 100
58 59.1 30.2 90.6



#60
Dibromochloromethane
Concen: 20.988 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:129 Resp: 111475
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2

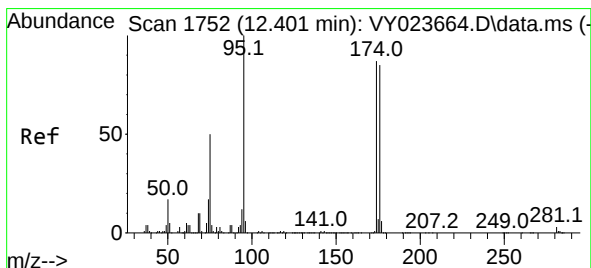
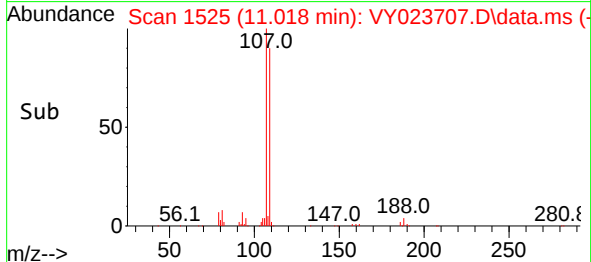
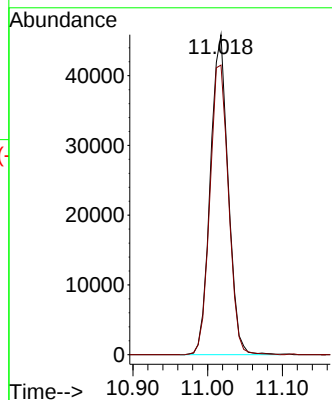
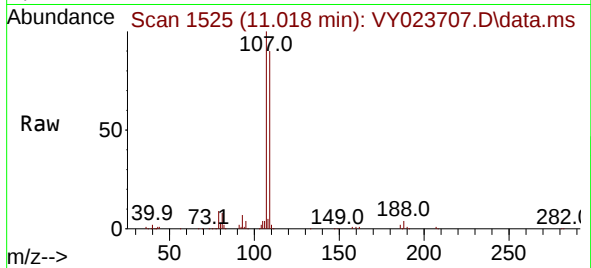




#61
1,2-Dibromoethane
Concen: 21.011 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

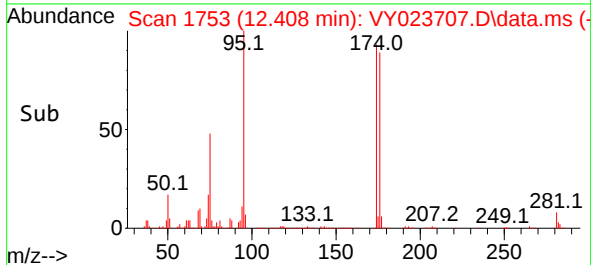
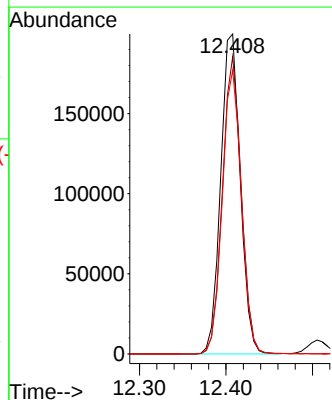
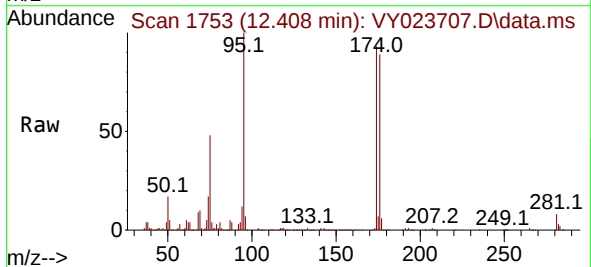
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

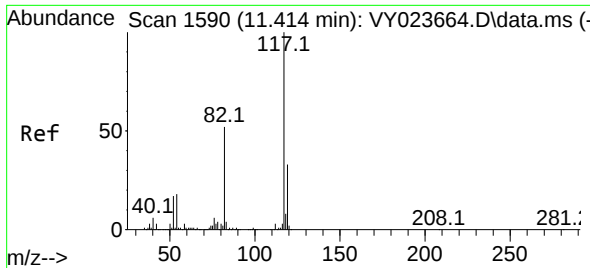
Tgt Ion:107 Resp: 76226
Ion Ratio Lower Upper
107 100
109 94.3 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.655 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 95 Resp: 312508
Ion Ratio Lower Upper
95 100
174 90.1 0.0 184.8
176 87.2 0.0 181.6

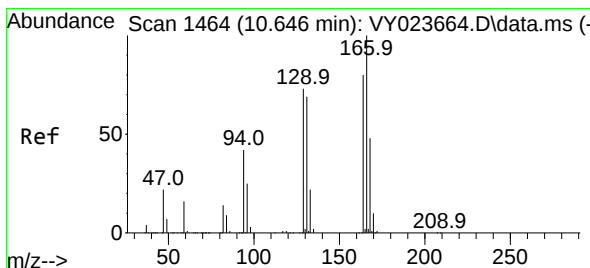
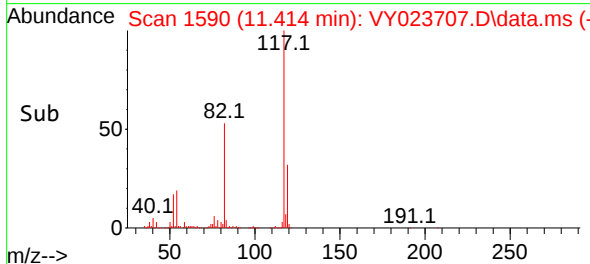
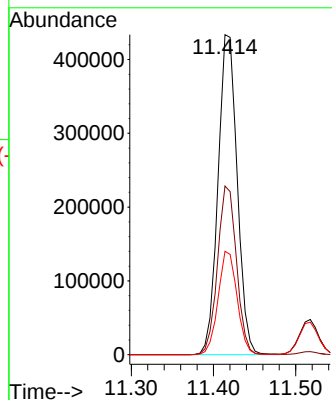
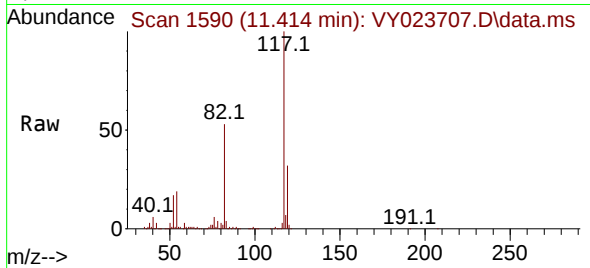




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

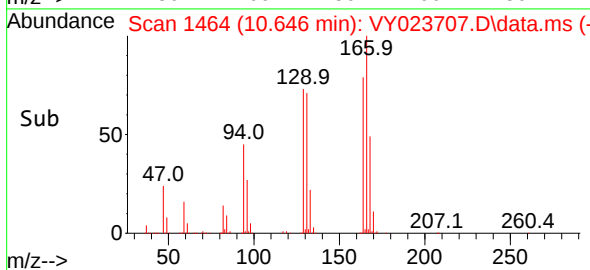
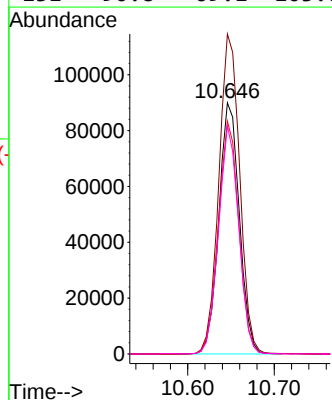
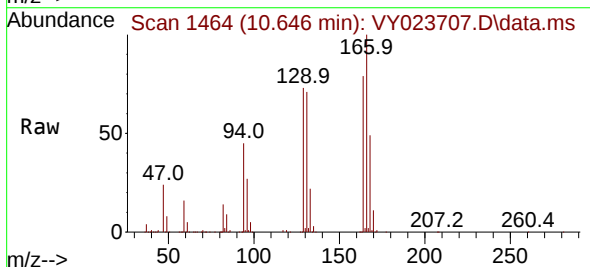
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

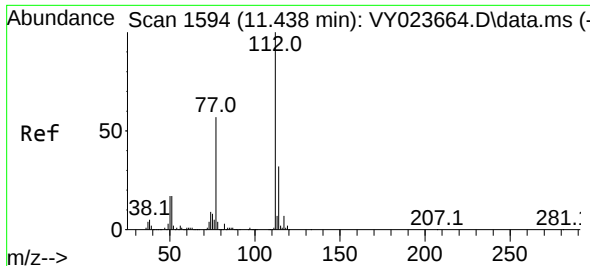
Tgt Ion:117 Resp: 703741
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 20.239 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:164 Resp: 148250
Ion Ratio Lower Upper
164 100
166 127.4 99.5 149.3
129 92.7 72.3 108.5
131 90.8 69.1 103.7

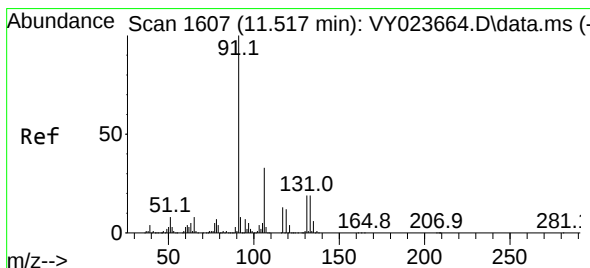
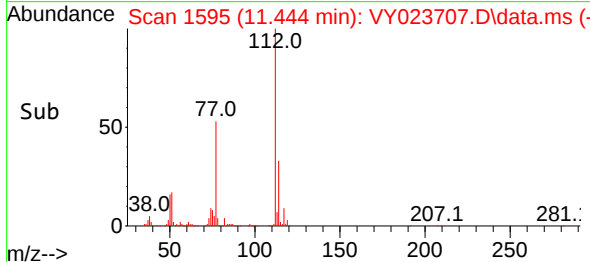
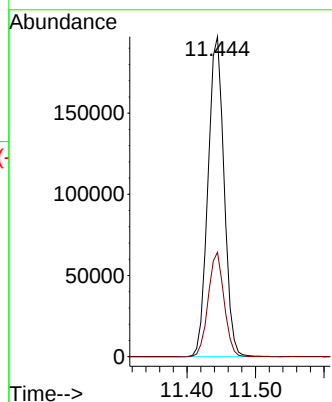
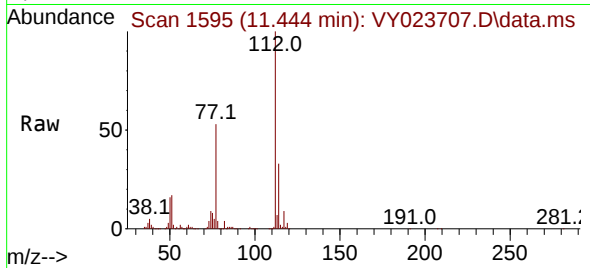




#65
Chlorobenzene
Concen: 20.961 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

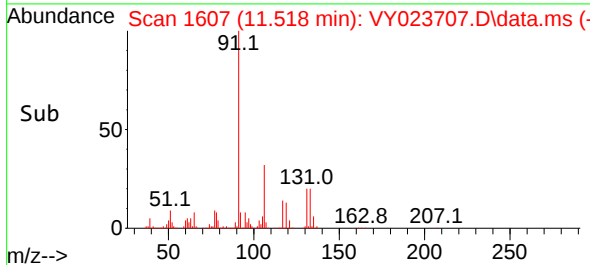
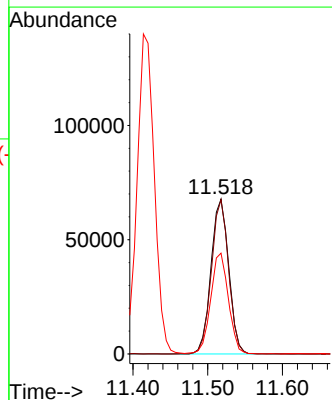
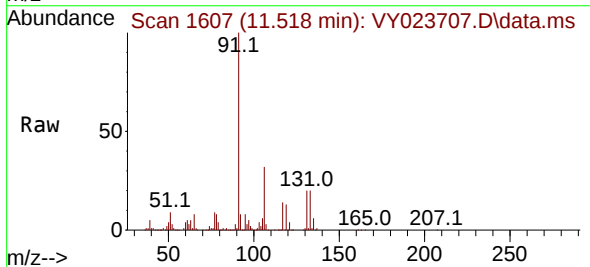
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

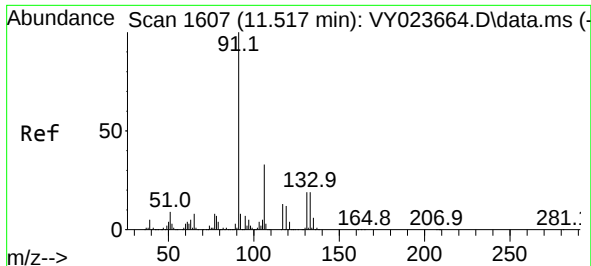
Tgt Ion:112 Resp: 321132
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.662 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:131 Resp: 111933
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.8
119 65.1 32.5 97.4





#67

Ethyl Benzene

Concen: 21.217 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

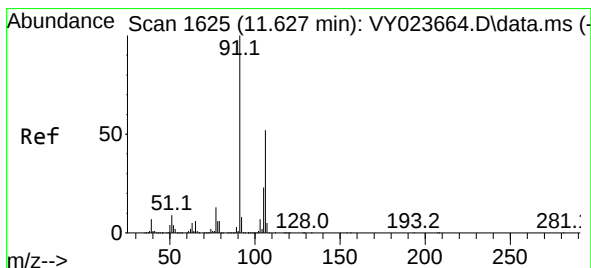
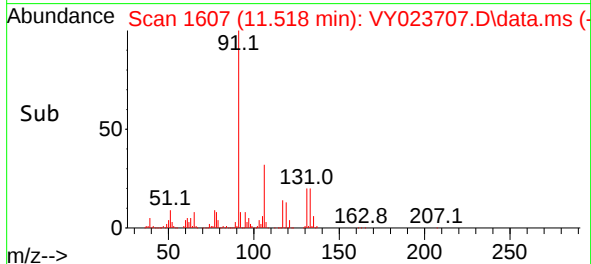
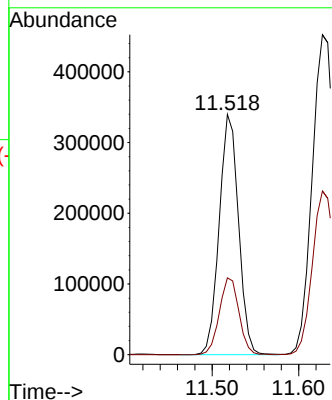
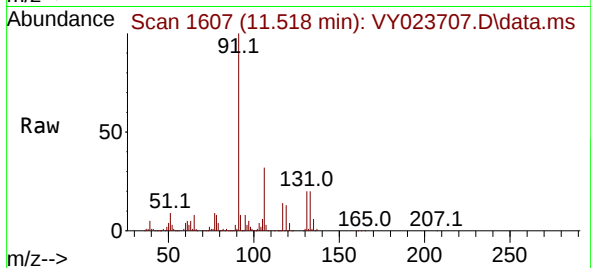
VY1107SBSD01

Tgt Ion: 91 Resp: 526077

Ion Ratio Lower Upper

91 100

106 32.0 26.6 40.0



#68

m/p-Xylenes

Concen: 42.842 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023707.D

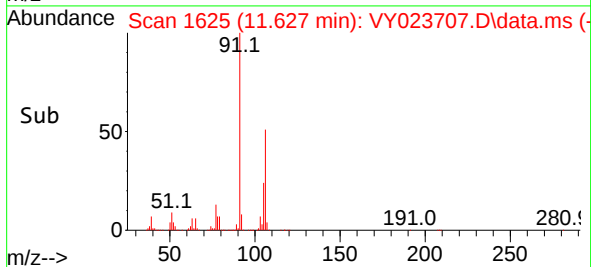
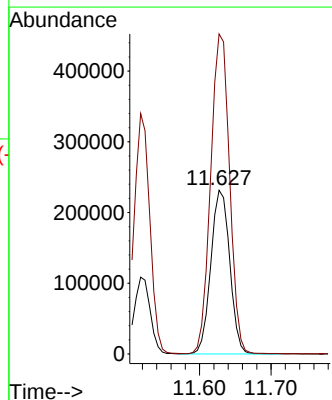
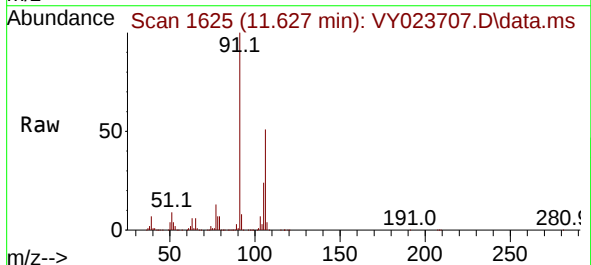
Acq: 07 Nov 2025 10:18

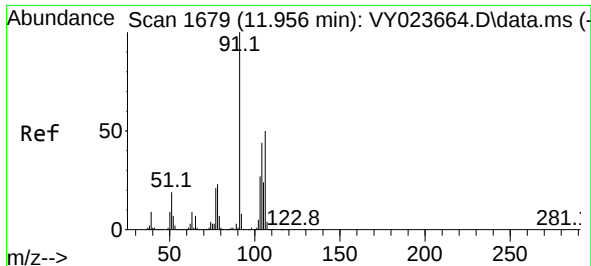
Tgt Ion: 106 Resp: 424423

Ion Ratio Lower Upper

106 100

91 196.1 154.3 231.5

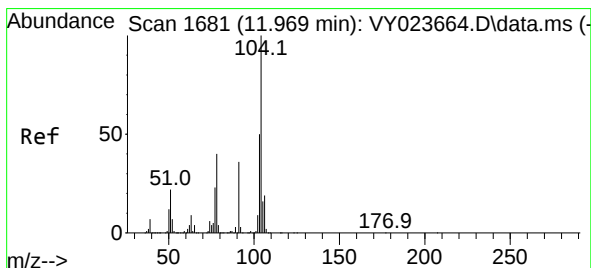
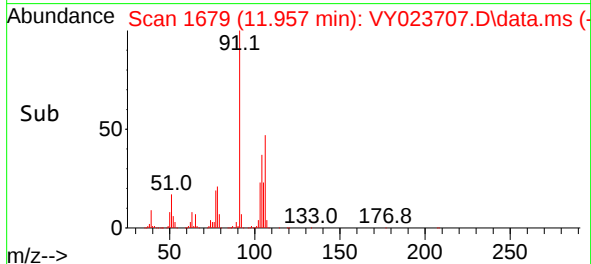
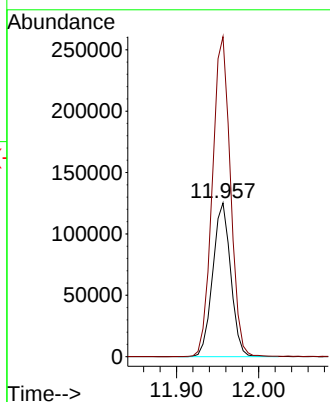
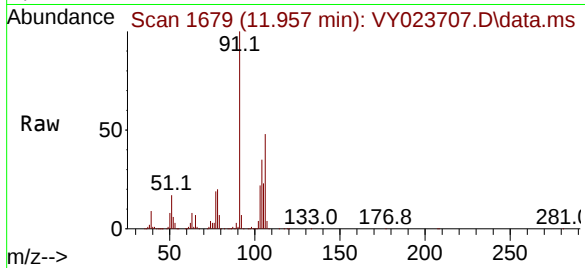




#69
o-Xylene
Concen: 20.720 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

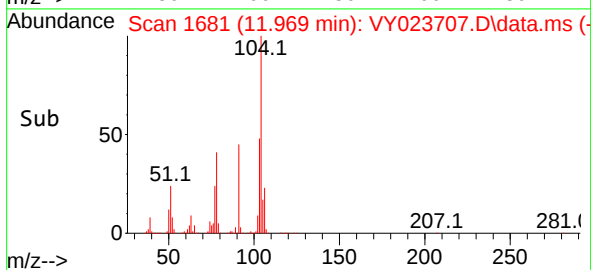
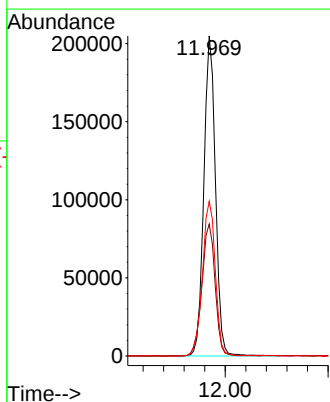
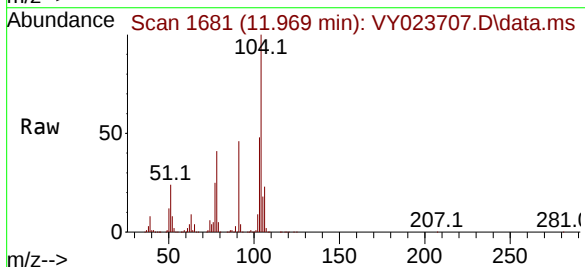
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

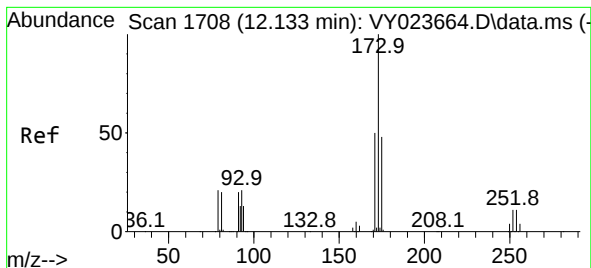
Tgt Ion:106 Resp: 189750
Ion Ratio Lower Upper
106 100
91 210.4 101.6 304.6



#70
Styrene
Concen: 21.283 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:104 Resp: 321578
Ion Ratio Lower Upper
104 100
78 46.7 36.5 54.7
103 53.8 43.7 65.5





#71

Bromoform

Concen: 20.838 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

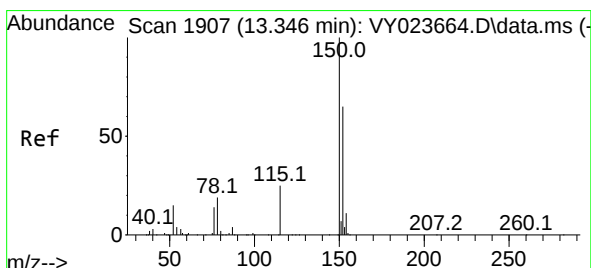
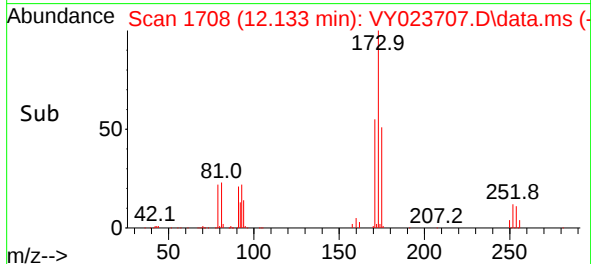
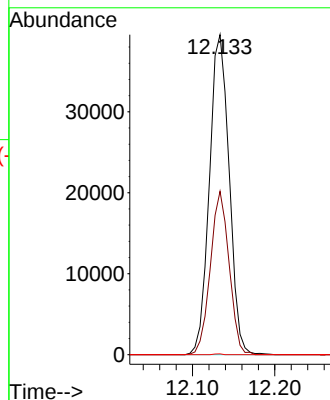
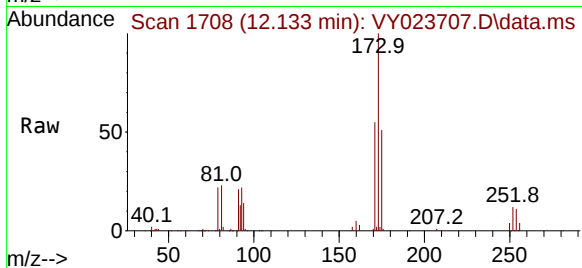
Tgt Ion:173 Resp: 65930

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

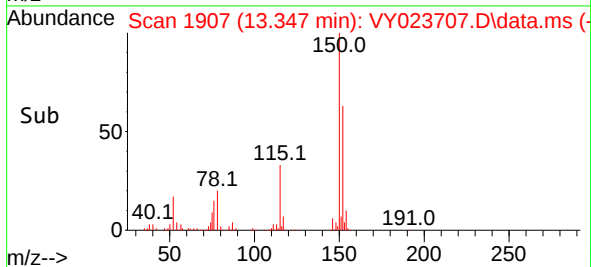
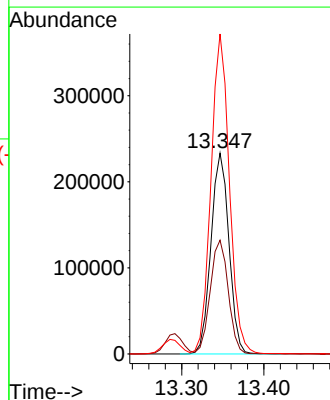
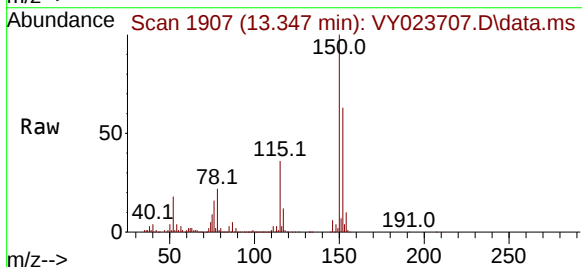
Tgt Ion:152 Resp: 353875

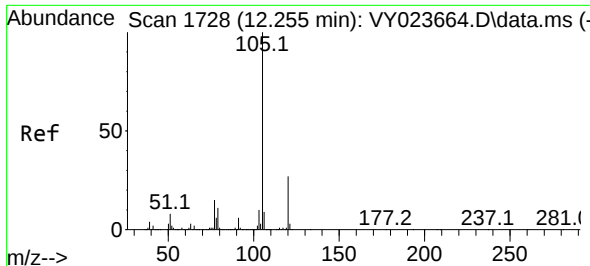
Ion Ratio Lower Upper

152 100

115 56.7 27.5 82.5

150 163.3 0.0 349.0

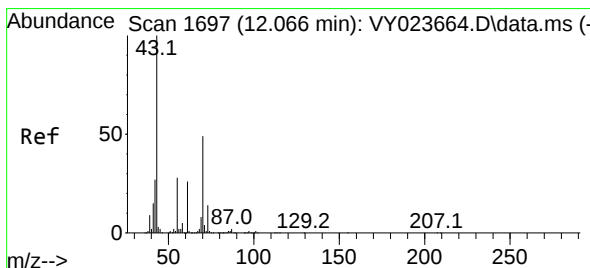
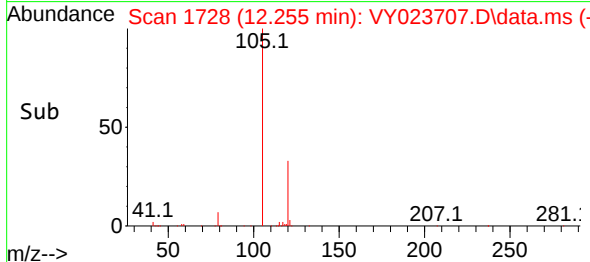
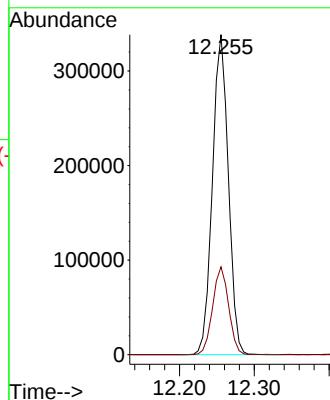
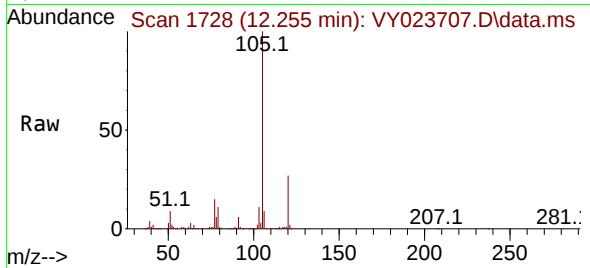




#73
Isopropylbenzene
Concen: 21.152 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

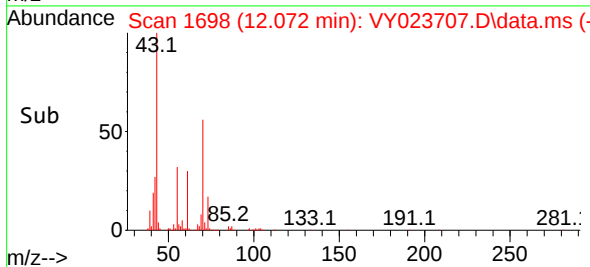
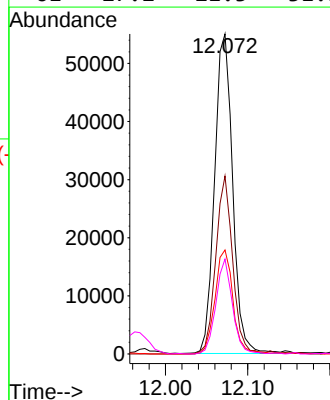
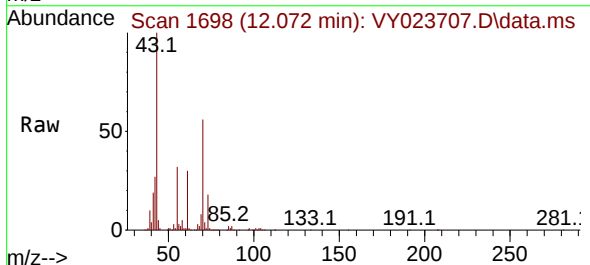
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

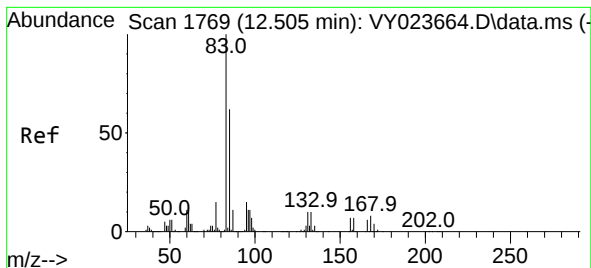
Tgt Ion:105 Resp: 500632
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.7



#74
N-ethyl acetate
Concen: 20.941 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 43 Resp: 83912
Ion Ratio Lower Upper
43 100
70 52.0 40.1 60.1
55 32.7 23.0 34.6
61 27.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.008 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

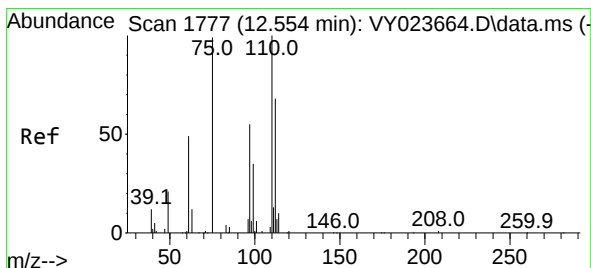
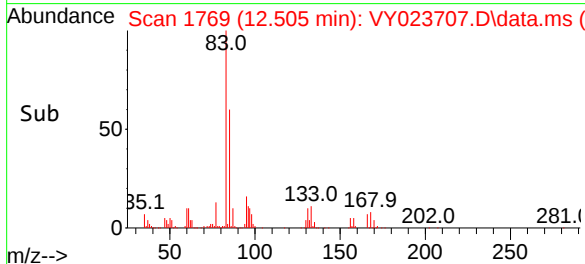
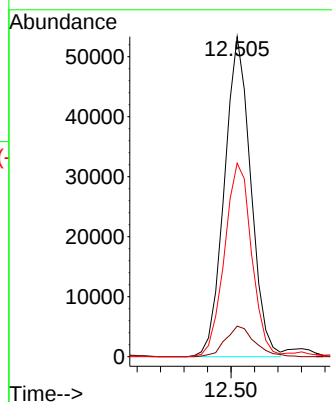
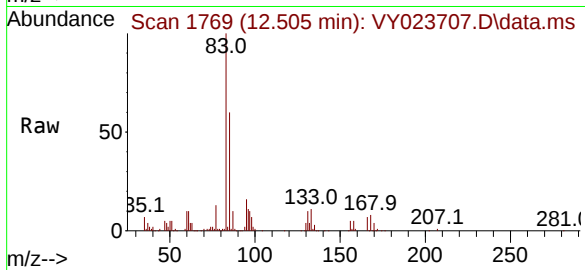
Tgt Ion: 83 Resp: 83190

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

85 62.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 21.499 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023707.D

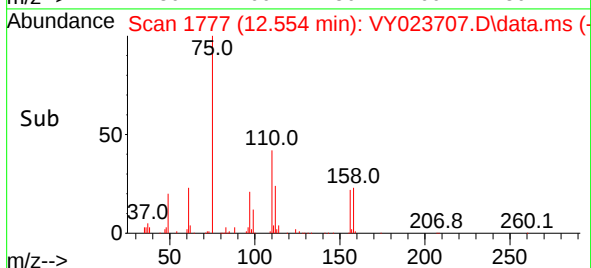
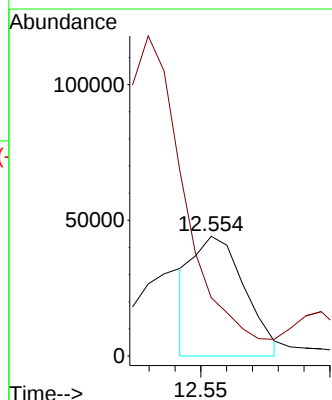
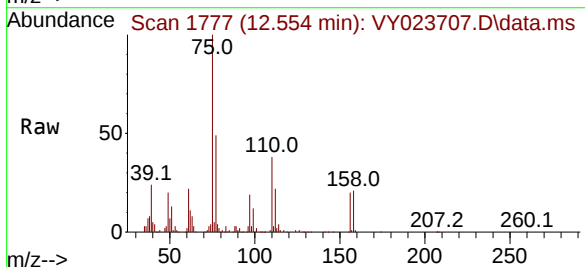
Acq: 07 Nov 2025 10:18

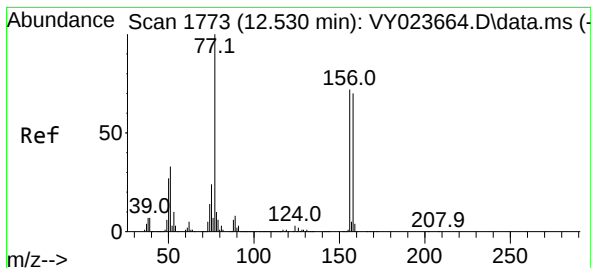
Tgt Ion: 75 Resp: 61573

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.757 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD01

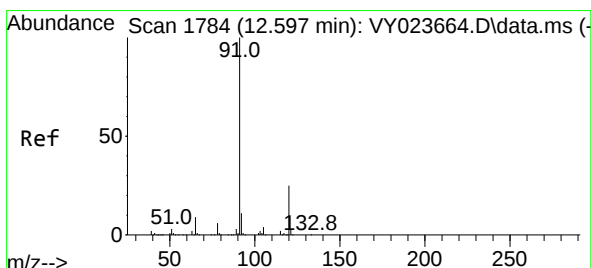
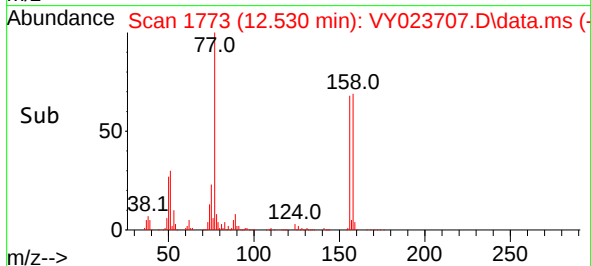
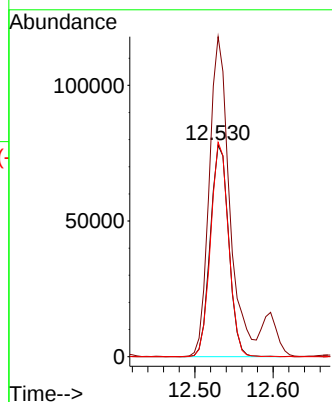
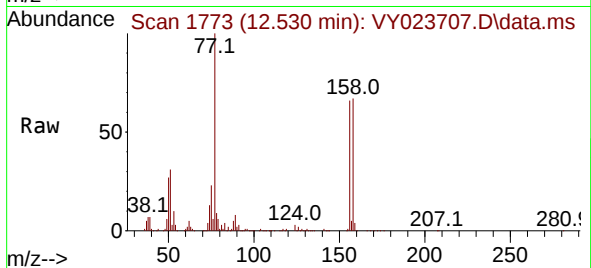
Tgt Ion:156 Resp: 127430

Ion Ratio Lower Upper

156 100

77 166.6 77.9 233.7

158 98.9 48.5 145.5



#78

n-propylbenzene

Concen: 21.911 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023707.D

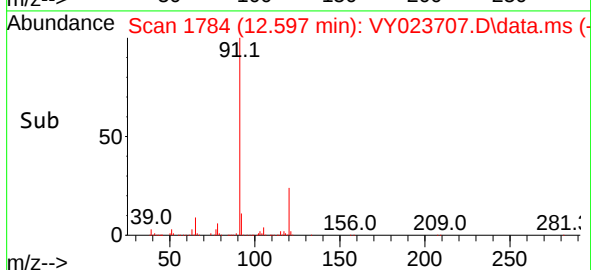
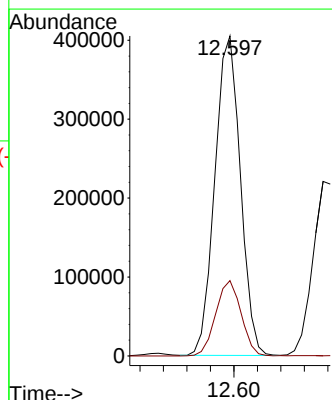
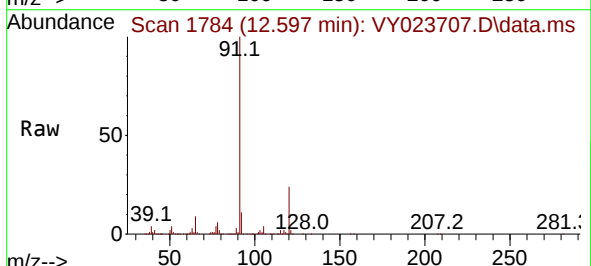
Acq: 07 Nov 2025 10:18

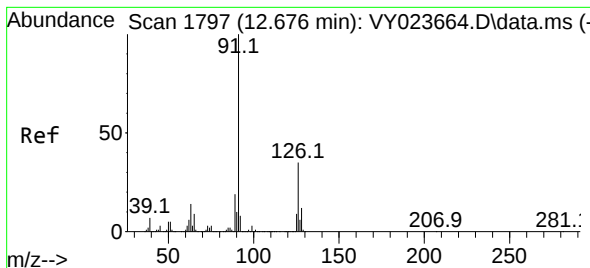
Tgt Ion: 91 Resp: 609982

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1

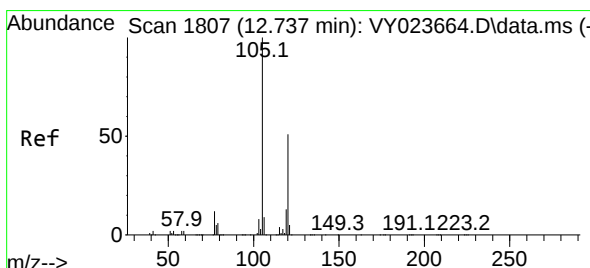
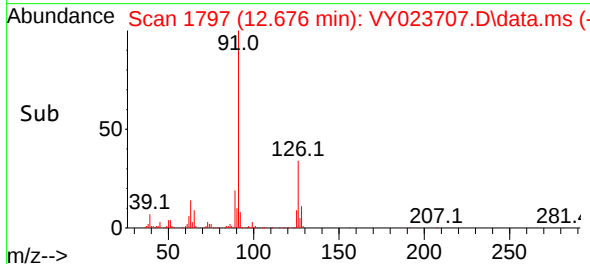
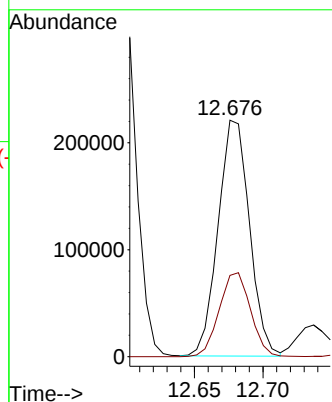
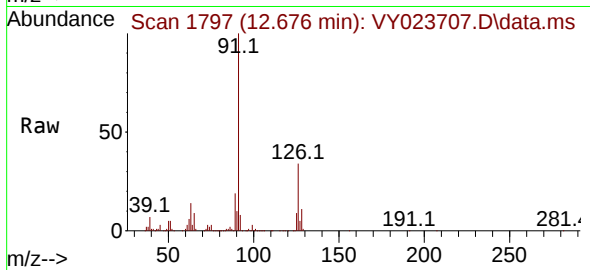




#79
2-Chlorotoluene
Concen: 21.787 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

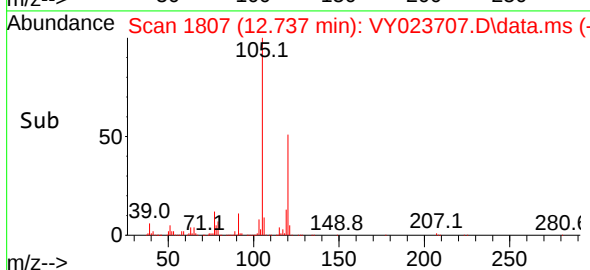
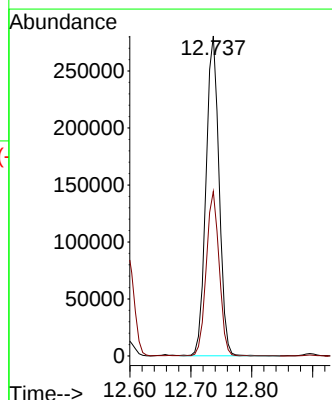
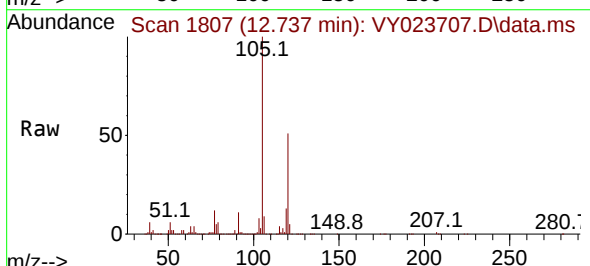
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

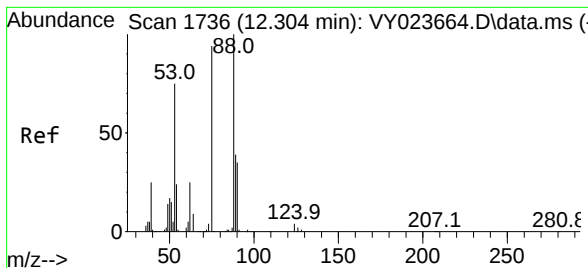
Tgt Ion: 91 Resp: 351967
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 21.753 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 105 Resp: 418312
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.2

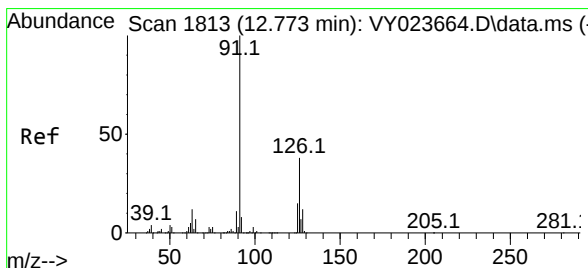
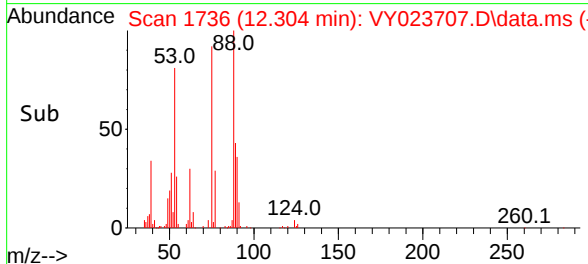
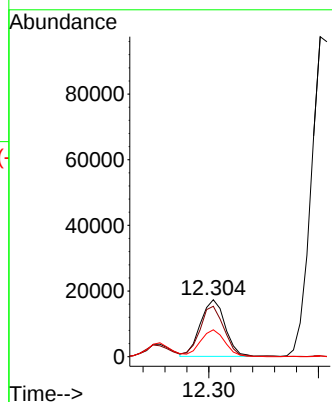
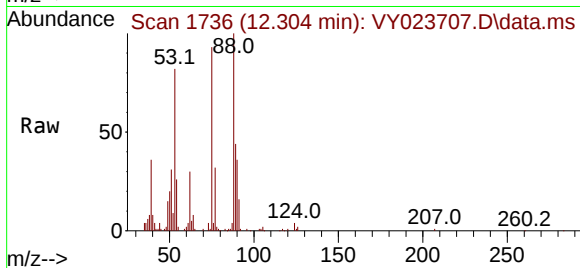




#81
trans-1,4-Dichloro-2-butene
Concen: 21.338 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

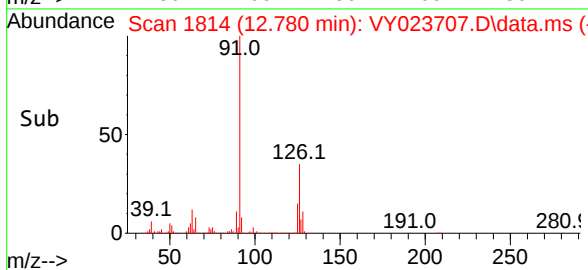
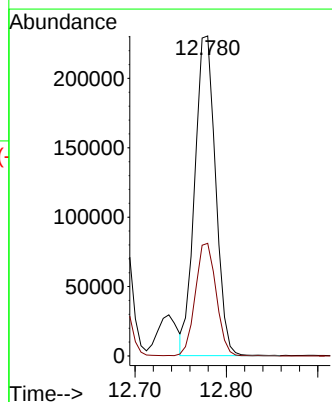
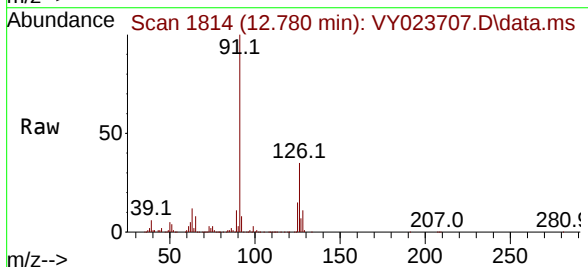
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

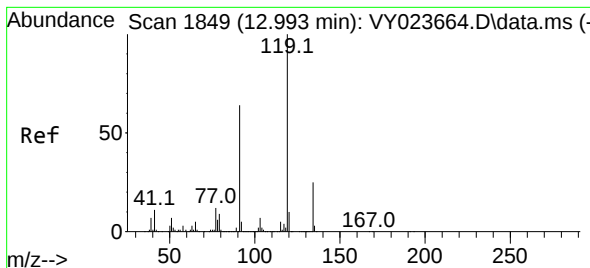
Tgt Ion: 75 Resp: 27041
Ion Ratio Lower Upper
75 100
53 85.7 69.6 104.4
89 46.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 21.849 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 91 Resp: 364021
Ion Ratio Lower Upper
91 100
126 35.5 18.1 54.4





#83

tert-Butylbenzene

Concen: 21.132 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

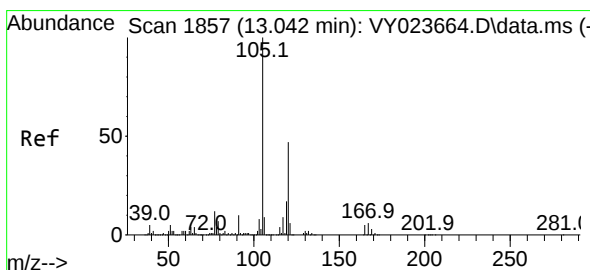
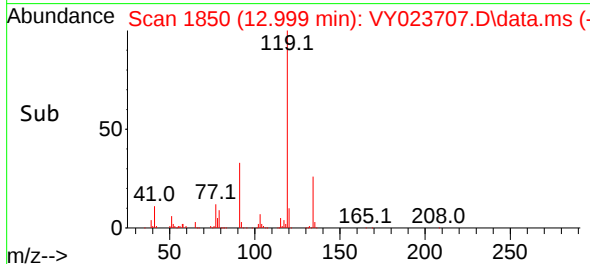
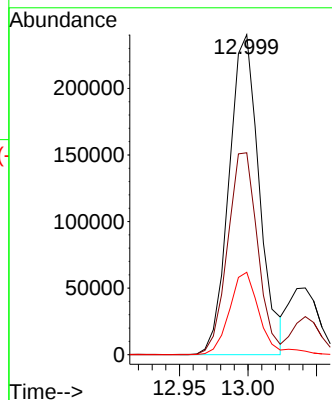
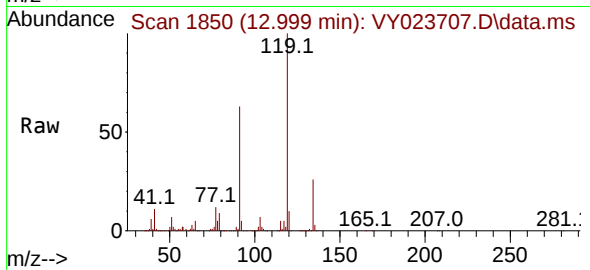
Tgt Ion:119 Resp: 370102

Ion Ratio Lower Upper

119 100

91 62.7 30.7 92.1

134 25.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 21.842 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023707.D

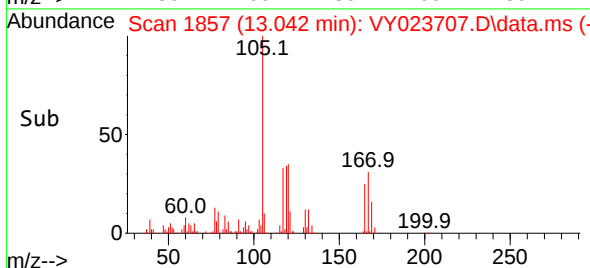
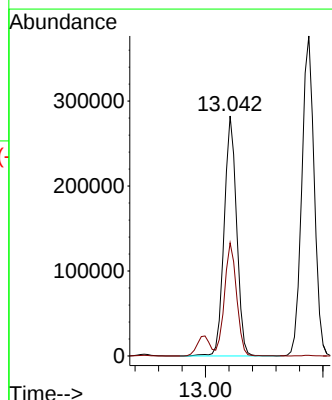
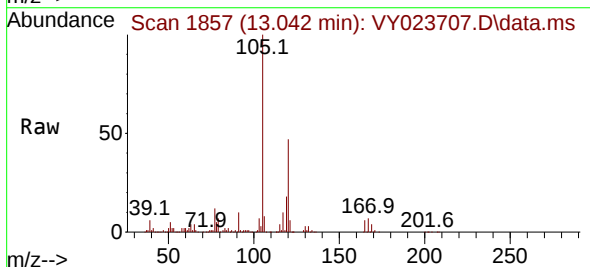
Acq: 07 Nov 2025 10:18

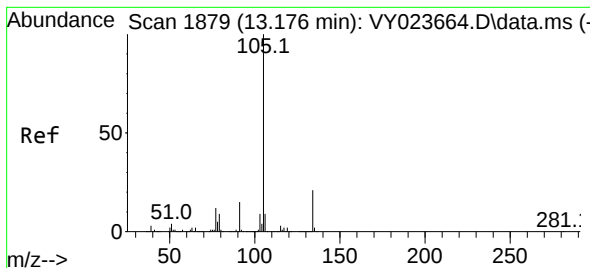
Tgt Ion:105 Resp: 416019

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.732 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

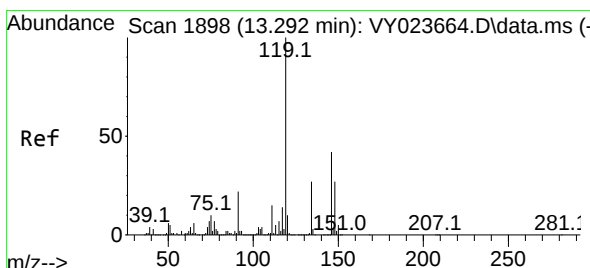
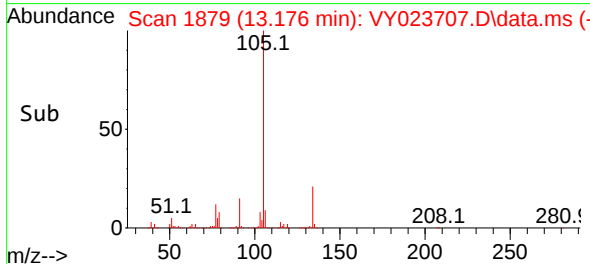
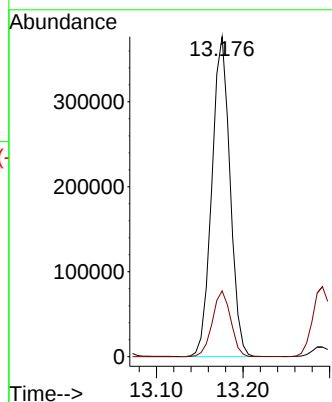
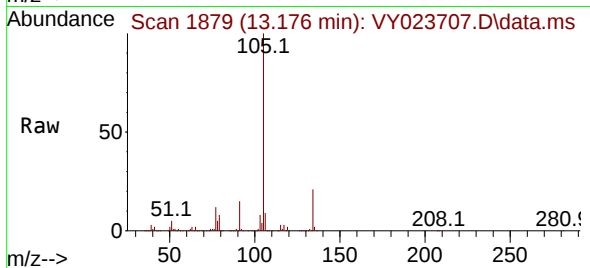
VY1107SBSD01

Tgt Ion:105 Resp: 548978

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.373 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

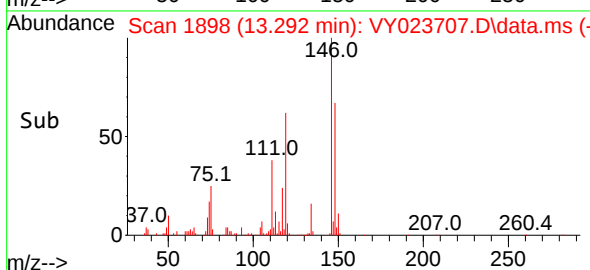
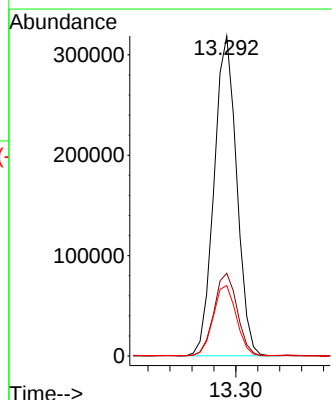
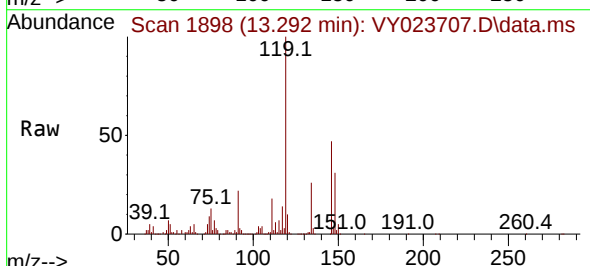
Tgt Ion:119 Resp: 457067

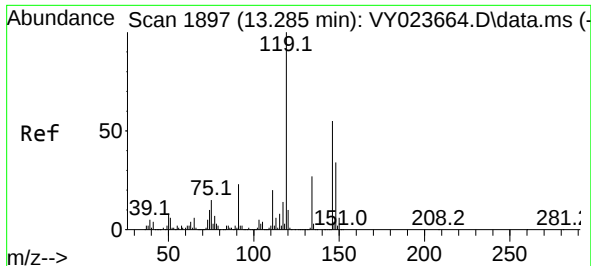
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.3 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.951 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD01

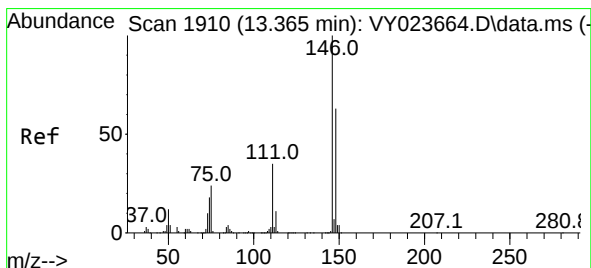
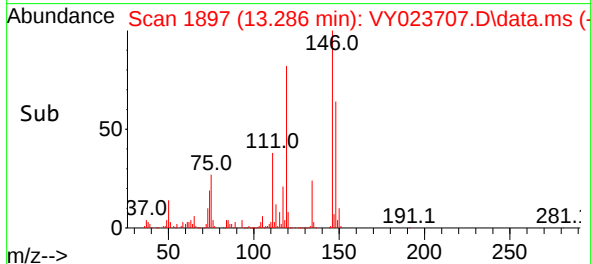
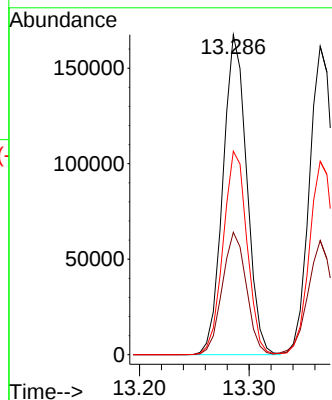
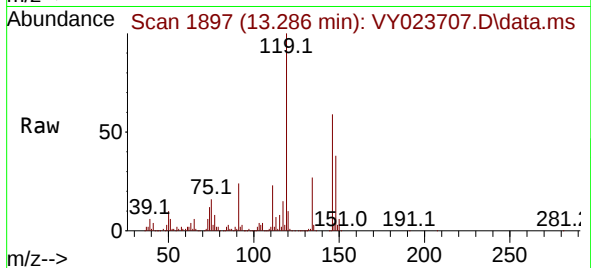
Tgt Ion:146 Resp: 253160

Ion Ratio Lower Upper

146 100

111 38.7 18.8 56.3

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.076 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

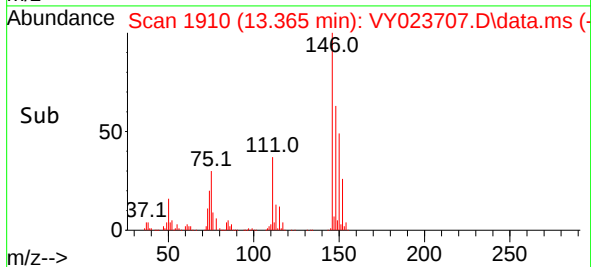
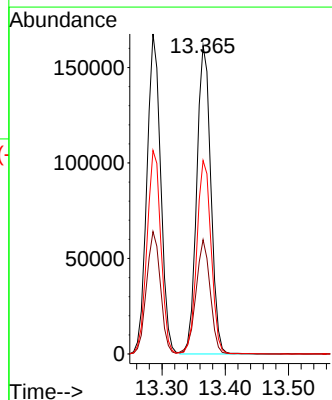
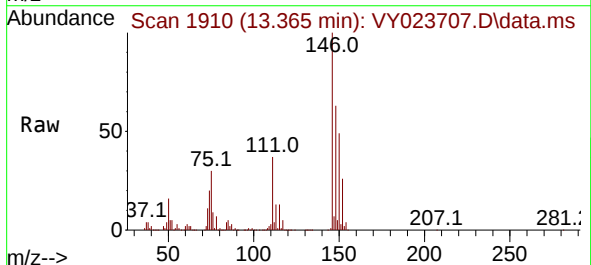
Tgt Ion:146 Resp: 250158

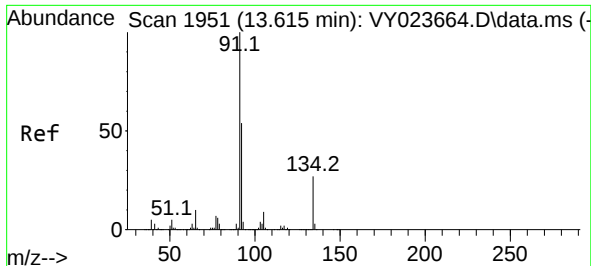
Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.8

148 63.6 31.8 95.3

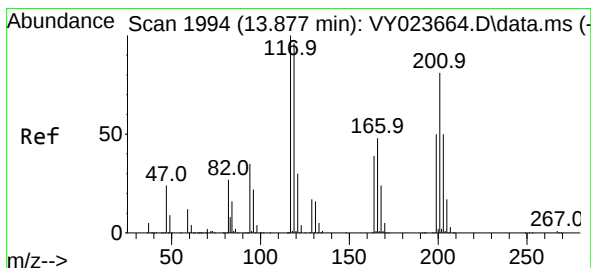
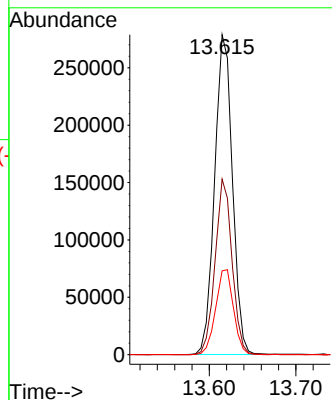
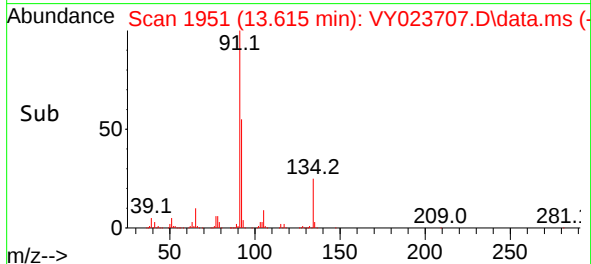
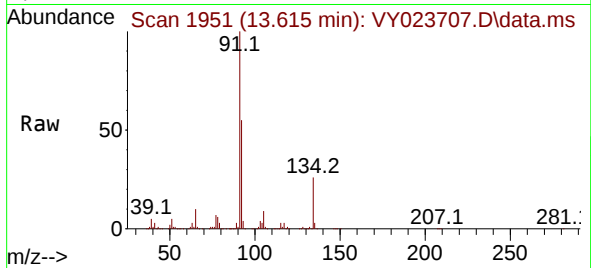




#89
n-Butylbenzene
Concen: 21.395 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

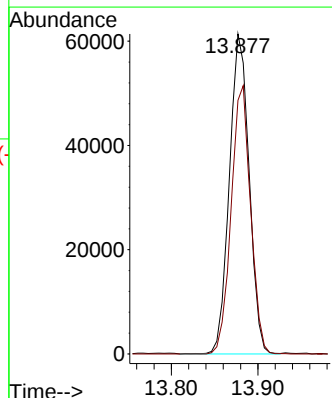
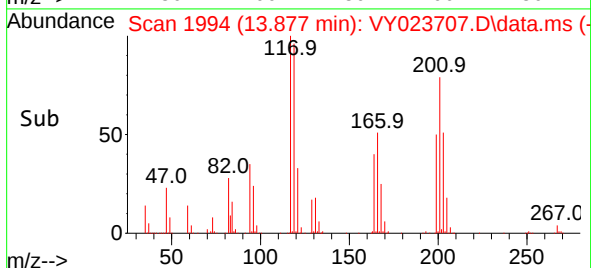
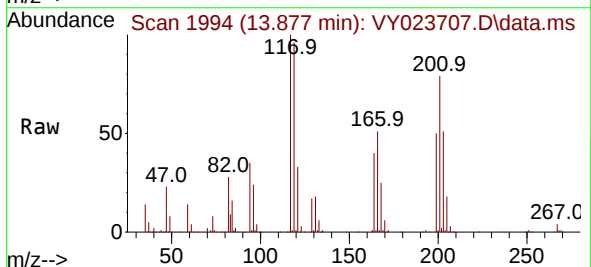
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

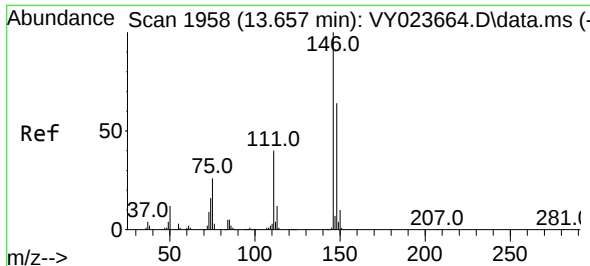
Tgt Ion: 91 Resp: 397854
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.4
134 26.8 13.7 41.1



#90
Hexachloroethane
Concen: 21.157 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion: 117 Resp: 97229
Ion Ratio Lower Upper
117 100
201 82.3 42.3 126.8

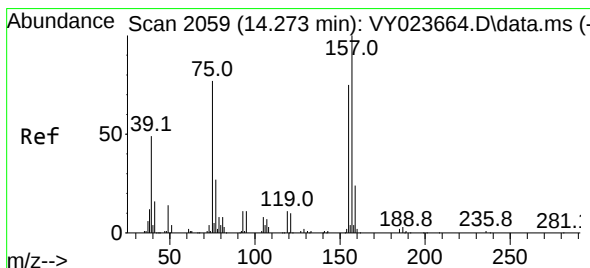
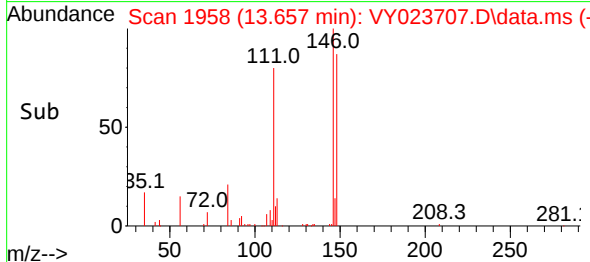
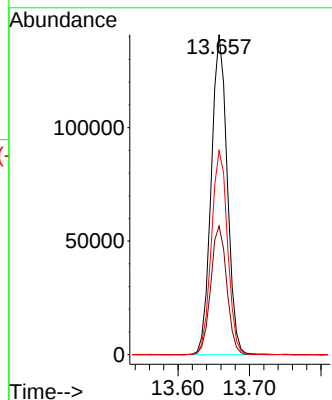
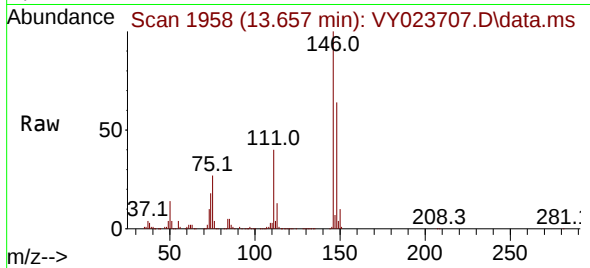




#91
 1,2-Dichlorobenzene
 Concen: 21.003 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023707.D
 Acq: 07 Nov 2025 10:18

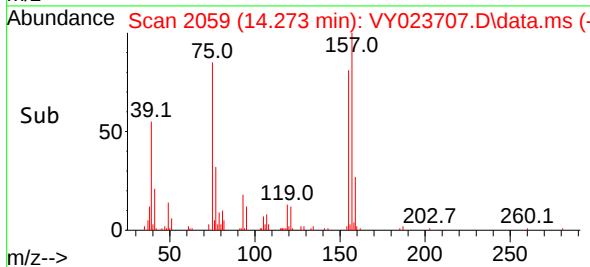
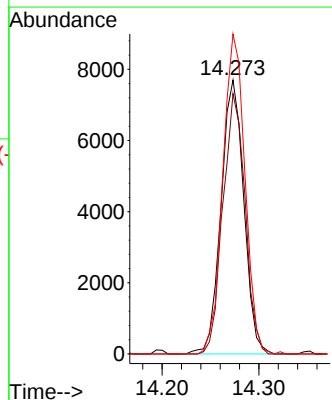
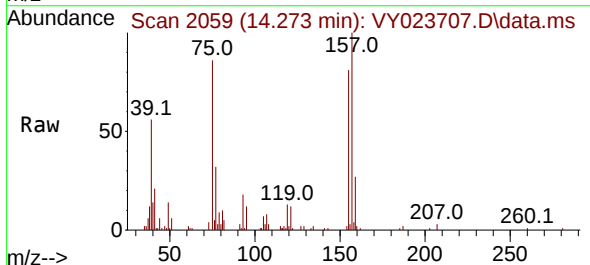
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

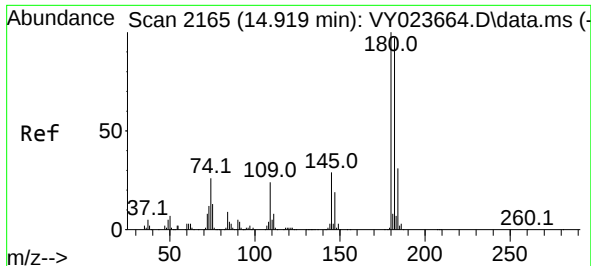
Tgt Ion:146 Resp: 218705
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.5 58.5
 148 64.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.493 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023707.D
 Acq: 07 Nov 2025 10:18

Tgt Ion: 75 Resp: 12509
 Ion Ratio Lower Upper
 75 100
 155 92.8 49.4 148.2
 157 114.5 63.2 189.8

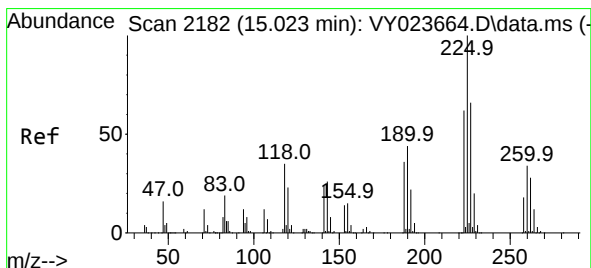
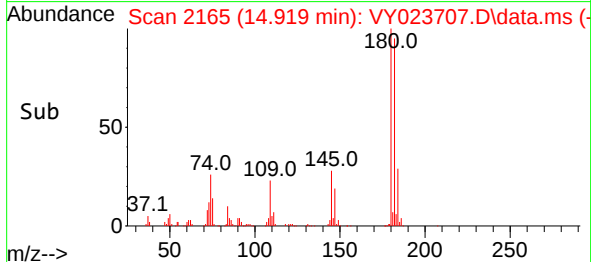
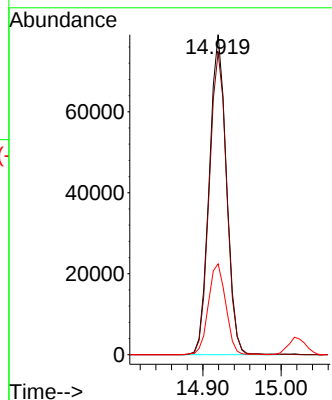
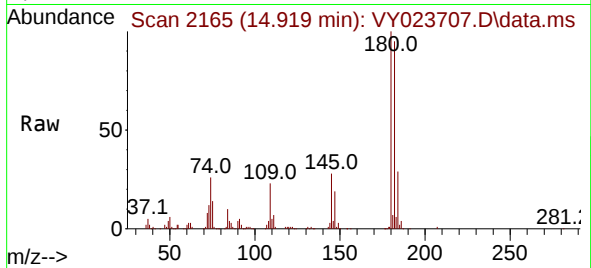




#93
1,2,4-Trichlorobenzene
Concen: 20.188 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

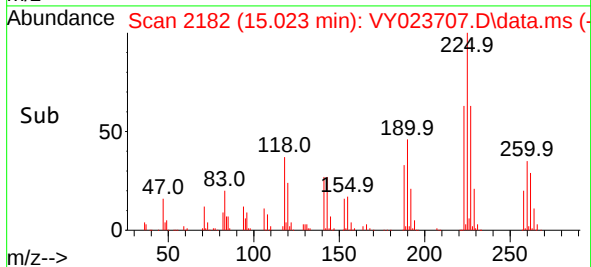
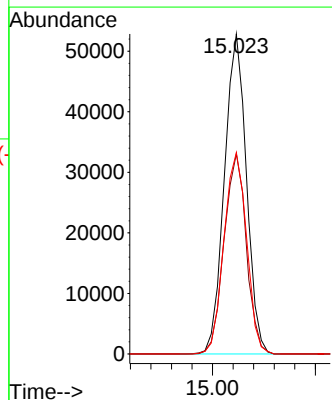
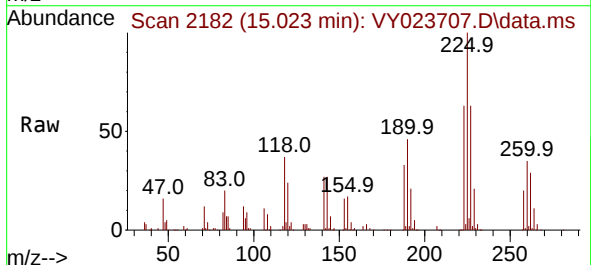
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

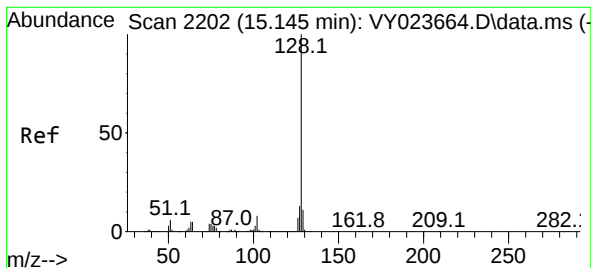
Tgt Ion:180 Resp: 120246
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 28.7 14.4 43.4



#94
Hexachlorobutadiene
Concen: 20.121 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY023707.D
Acq: 07 Nov 2025 10:18

Tgt Ion:225 Resp: 78523
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.3
227 64.8 32.0 96.2





#95

Naphthalene

Concen: 20.406 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD01

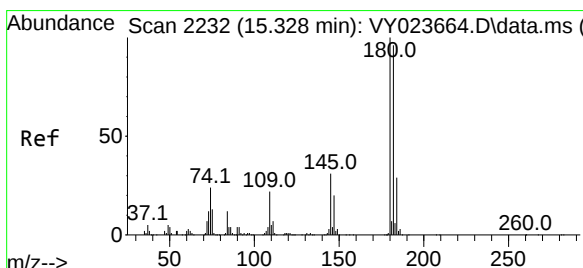
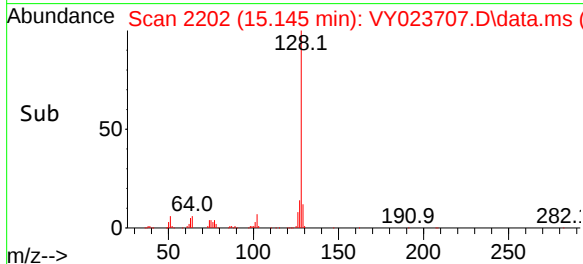
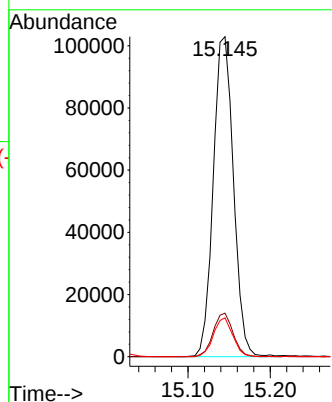
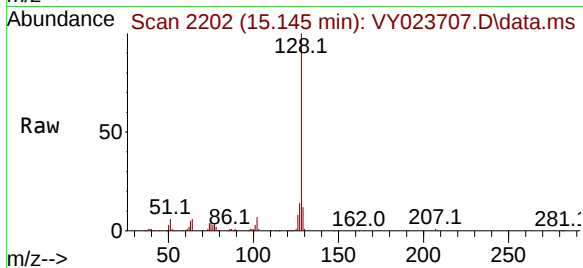
Tgt Ion:128 Resp: 176239

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.640 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023707.D

Acq: 07 Nov 2025 10:18

Tgt Ion:180 Resp: 102716

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.6

145 30.6 15.5 46.5

