

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023942.D
 Acq On : 11 Dec 2025 09:44
 Operator : SY/MD
 Sample : VY1211SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD01

Quant Time: Dec 12 03:18:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	500795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	721889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	623185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	329812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	205361	46.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.640	113	216884	45.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.920%
50) Toluene-d8	10.109	98	795238	45.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.408	95	264561	45.091	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	72153	20.776	ug/l	99
3) Chloromethane	2.074	50	91658	20.545	ug/l	100
4) Vinyl Chloride	2.214	62	109196	19.807	ug/l	97
5) Bromomethane	2.599	94	99217	21.139	ug/l	94
6) Chloroethane	2.739	64	80127	20.629	ug/l	95
7) Trichlorofluoromethane	3.062	101	173506	20.905	ug/l	99
8) Diethyl Ether	3.458	74	50096	21.971	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	103152	21.326	ug/l	99
10) Methyl Iodide	4.013	142	102877	17.198	ug/l	100
11) Tert butyl alcohol	4.879	59	30942	120.680	ug/l #	88
12) 1,1-Dichloroethene	3.800	96	93116	20.489	ug/l	99
13) Acrolein	3.659	56	52981	129.199	ug/l	100
14) Allyl chloride	4.391	41	120893	20.790	ug/l	97
15) Acrylonitrile	5.074	53	102333	112.647	ug/l	99
16) Acetone	3.879	43	160927	124.242	ug/l	97
17) Carbon Disulfide	4.117	76	225214	18.661	ug/l	98
18) Methyl Acetate	4.397	43	40723	20.328	ug/l	95
19) Methyl tert-butyl Ether	5.129	73	244024	22.454	ug/l	98
20) Methylene Chloride	4.623	84	110407	21.195	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	101107	20.266	ug/l	99
22) Diisopropyl ether	6.025	45	296210	22.370	ug/l	95
23) Vinyl Acetate	5.970	43	827476	112.470	ug/l	99
24) 1,1-Dichloroethane	5.927	63	177262	21.478	ug/l	98
25) 2-Butanone	6.903	43	170716	124.761	ug/l	99
26) 2,2-Dichloropropane	6.896	77	165984	21.539	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	122711	21.426	ug/l	99
28) Bromochloromethane	7.256	49	71635	23.039	ug/l	99
29) Tetrahydrofuran	7.268	42	80684	115.617	ug/l	100
30) Chloroform	7.427	83	194246	21.546	ug/l	100
31) Cyclohexane	7.707	56	151925	20.008	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	178152	21.310	ug/l	99
36) 1,1-Dichloropropene	7.841	75	133088	20.716	ug/l	99
37) Ethyl Acetate	6.994	43	60143	22.990	ug/l	98
38) Carbon Tetrachloride	7.823	117	163121	20.948	ug/l	97
39) Methylcyclohexane	9.116	83	173062	20.163	ug/l	99
40) Benzene	8.085	78	410995	21.008	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	31058	21.581	ug/l	98
42) 1,2-Dichloroethane	8.165	62	113551	22.133	ug/l	99
43) Isopropyl Acetate	8.201	43	109707	22.266	ug/l #	88
44) Trichloroethene	8.872	130	119252	21.022	ug/l	98
45) 1,2-Dichloropropane	9.146	63	94235	21.349	ug/l	92
46) Dibromomethane	9.238	93	56932	21.899	ug/l	96
47) Bromodichloromethane	9.427	83	149839	21.909	ug/l	99
48) Methyl methacrylate	9.225	41	48874	21.308	ug/l	95
49) 1,4-Dioxane	9.238	88	13454	464.198	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	299147	114.593	ug/l	99
52) Toluene	10.176	92	273765	21.147	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	128219	21.694	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	151602	21.768	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	78201	21.855	ug/l	98
56) Ethyl methacrylate	10.445	69	91125	21.482	ug/l	98
57) 1,3-Dichloropropane	10.719	76	130293	22.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	201216	109.507	ug/l	100
59) 2-Hexanone	10.762	43	245326	123.823	ug/l	99
60) Dibromochloromethane	10.914	129	109723	22.148	ug/l	100
61) 1,2-Dibromoethane	11.018	107	73969	22.308	ug/l	99
64) Tetrachloroethene	10.652	164	143366	21.414	ug/l	97
65) Chlorobenzene	11.444	112	307012	21.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	109997	21.720	ug/l	98
67) Ethyl Benzene	11.524	91	499879	20.661	ug/l	98
68) m/p-Xylenes	11.633	106	407138	42.390	ug/l	99
69) o-Xylene	11.957	106	190511	21.204	ug/l	100
70) Styrene	11.969	104	311884	21.487	ug/l	99
71) Bromoform	12.133	173	65370	21.903	ug/l #	99
73) Isopropylbenzene	12.255	105	502925	20.866	ug/l	99
74) N-amyl acetate	12.072	43	92386	21.609	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	79434	21.643	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	109819	39.364	ug/l #	100
77) Bromobenzene	12.536	156	127192	21.267	ug/l	97
78) n-propylbenzene	12.597	91	584849	20.855	ug/l	99
79) 2-Chlorotoluene	12.682	91	337532	21.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	405032	21.063	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26465	21.593	ug/l	98
82) 4-Chlorotoluene	12.780	91	349062	21.286	ug/l	100
83) tert-Butylbenzene	12.999	119	377969	21.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	399284	20.961	ug/l	100
85) sec-Butylbenzene	13.176	105	542089	20.916	ug/l	99
86) p-Isopropyltoluene	13.292	119	453815	20.687	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	243685	20.982	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	240654	21.021	ug/l	99
89) n-Butylbenzene	13.621	91	395721	20.618	ug/l	99
90) Hexachloroethane	13.883	117	94372	21.081	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	216364	21.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12208	21.484	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	119760	20.250	ug/l	98
94) Hexachlorobutadiene	15.023	225	80297	20.713	ug/l	99
95) Naphthalene	15.145	128	186846	20.432	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103912	20.647	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

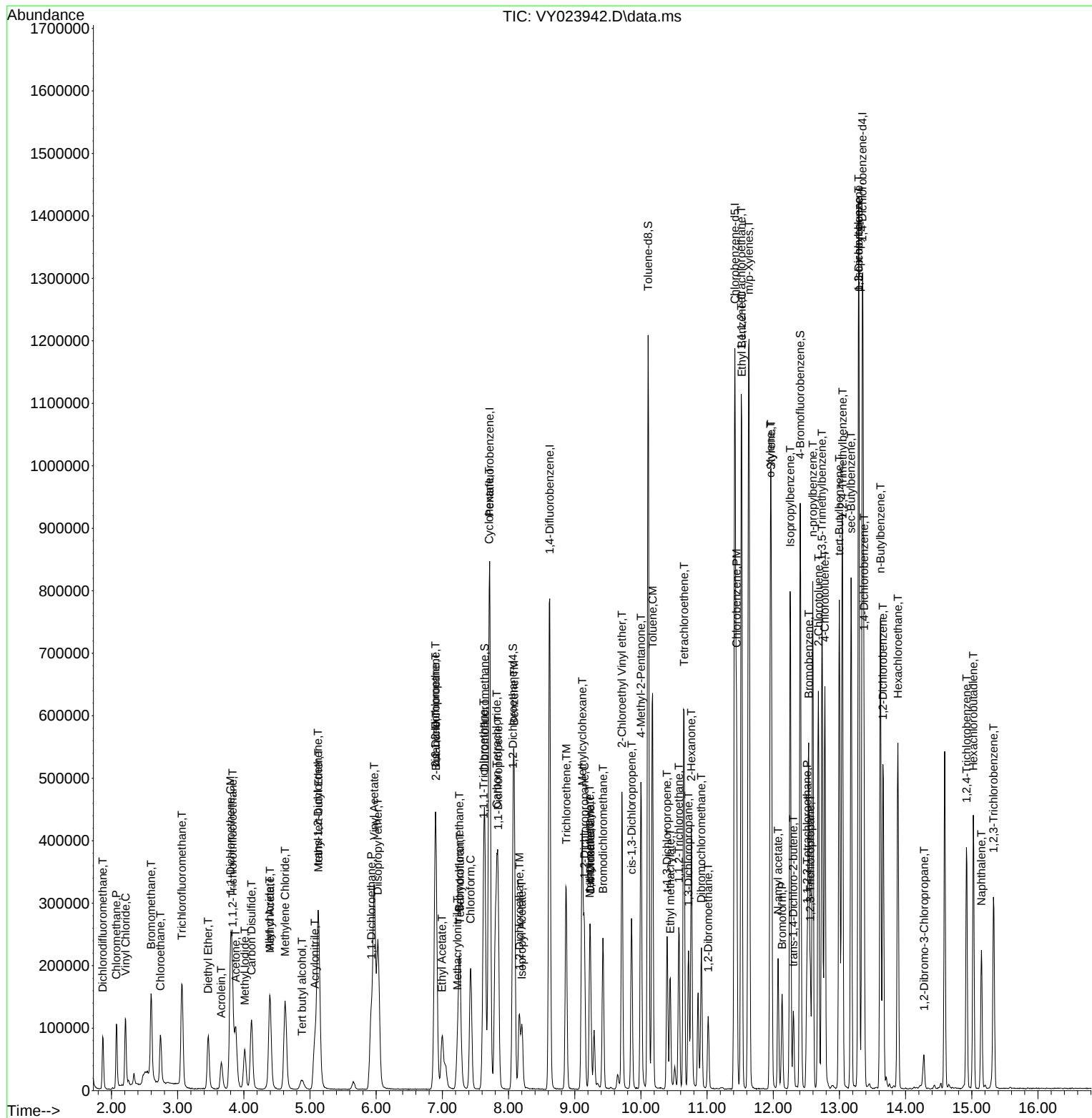
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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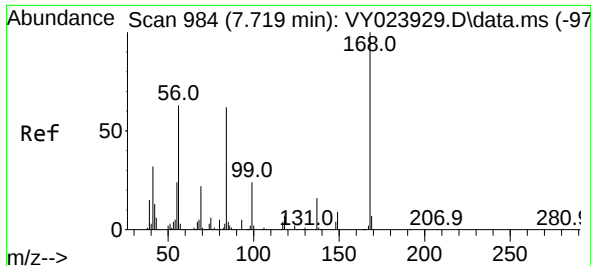
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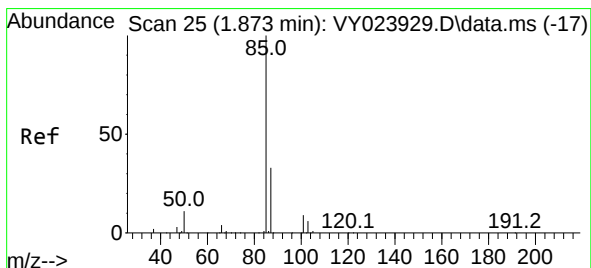
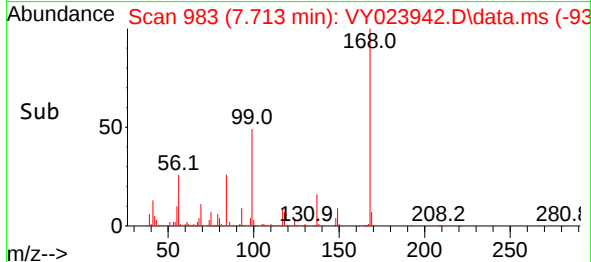
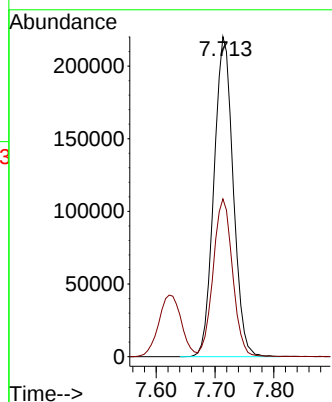
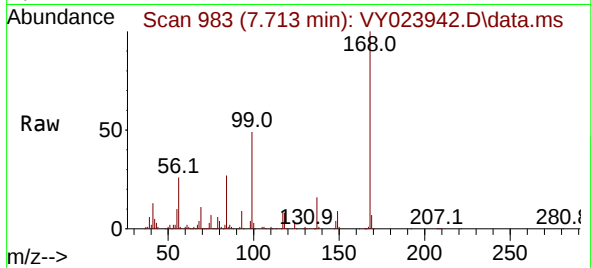




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023942.D
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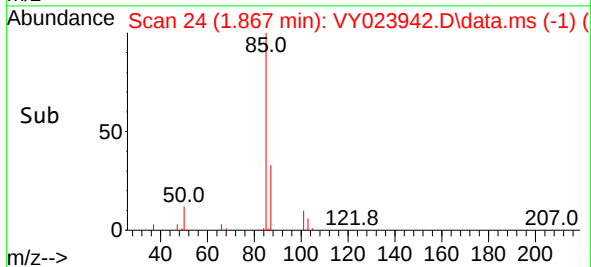
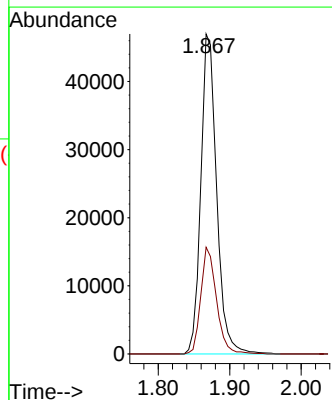
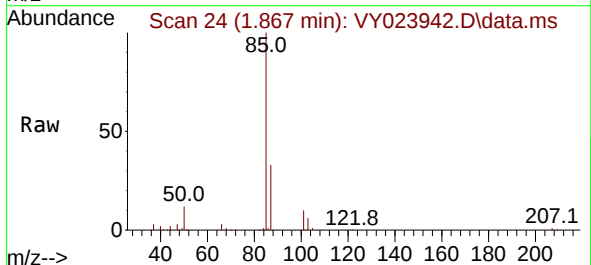
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

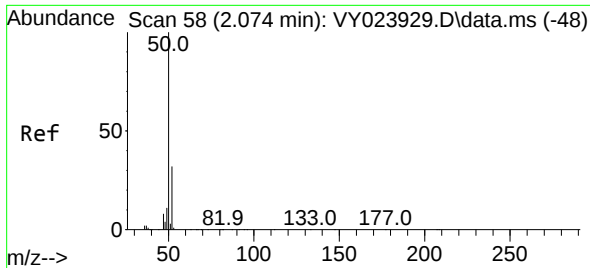
Tgt Ion:168 Resp: 500795
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 20.776 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 85 Resp: 72153
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

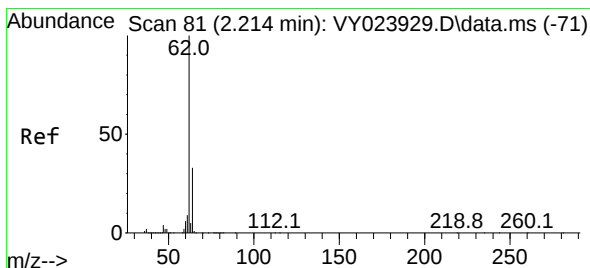
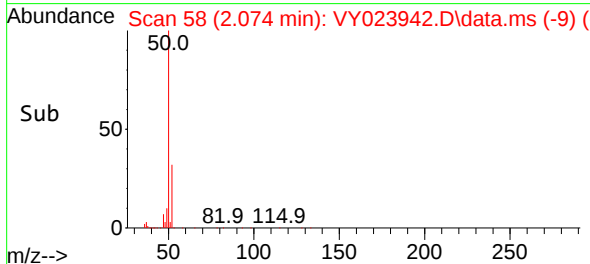
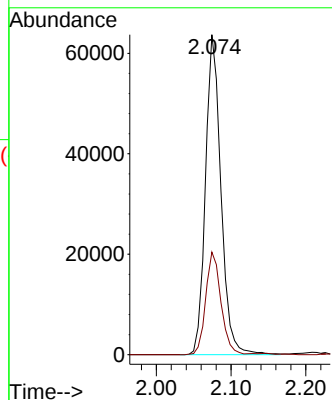
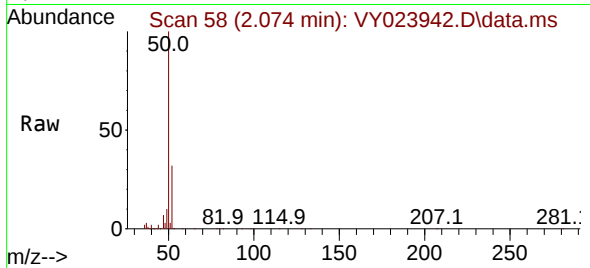




#3
Chloromethane
Concen: 20.545 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

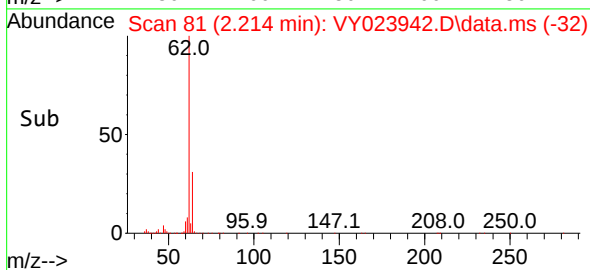
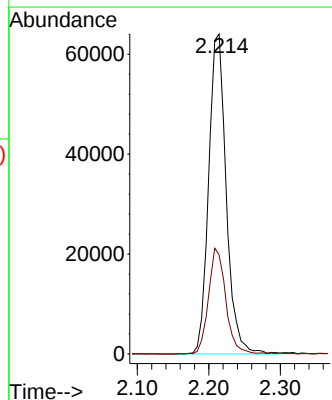
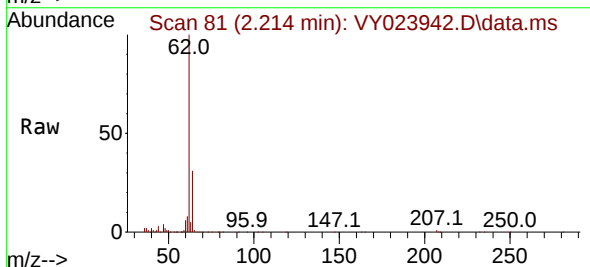
Instrument :
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ClientSampleId :
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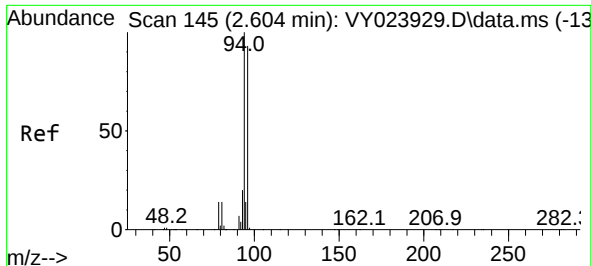
Tgt Ion: 50 Resp: 91658
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



#4
Vinyl Chloride
Concen: 19.807 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 62 Resp: 109196
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.4

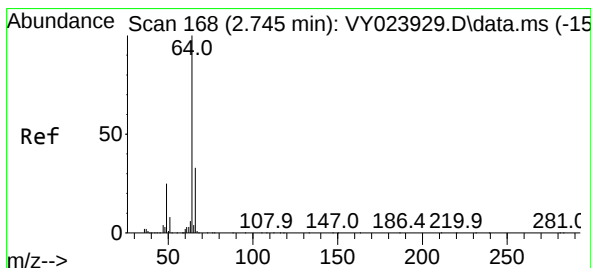
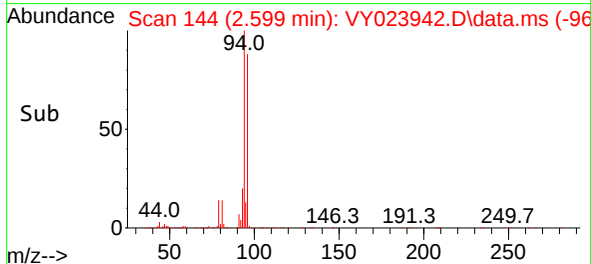
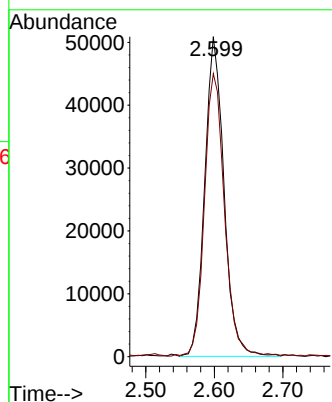
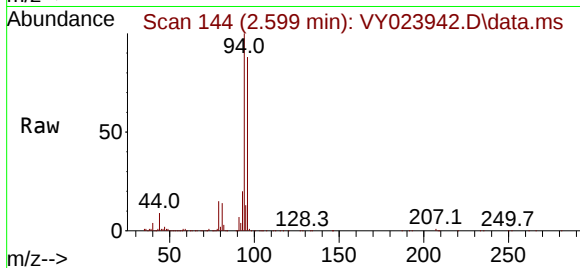




#5
Bromomethane
Concen: 21.139 ug/l
RT: 2.599 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023942.D
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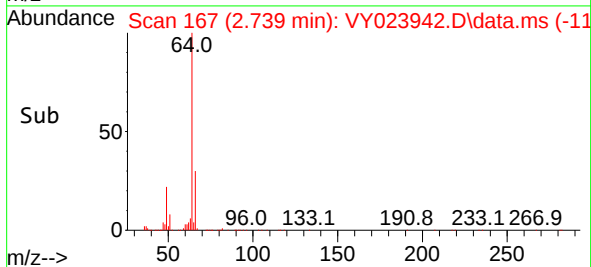
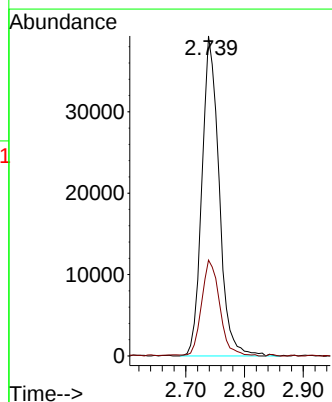
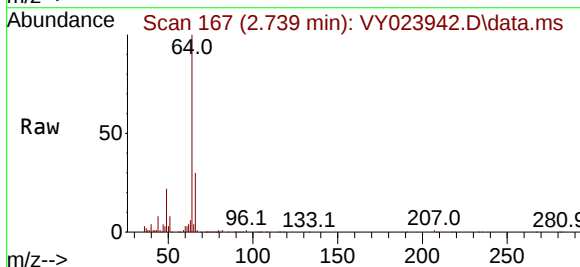
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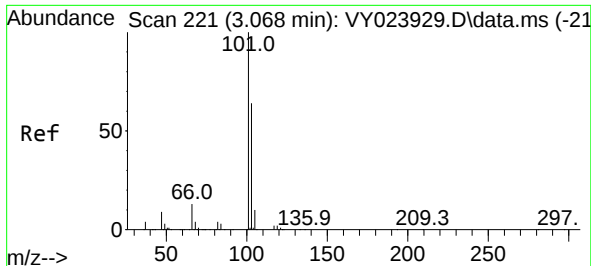
Tgt Ion: 94 Resp: 99217
Ion Ratio Lower Upper
94 100
96 88.2 74.8 112.2



#6
Chloroethane
Concen: 20.629 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY023942.D
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Tgt Ion: 64 Resp: 80127
Ion Ratio Lower Upper
64 100
66 30.0 26.0 39.0

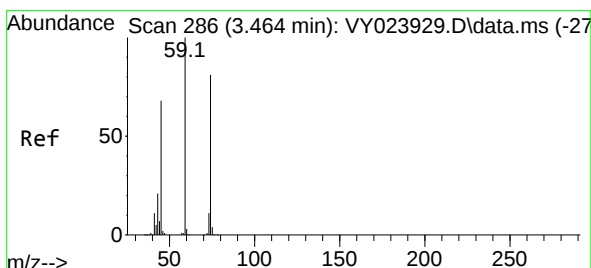
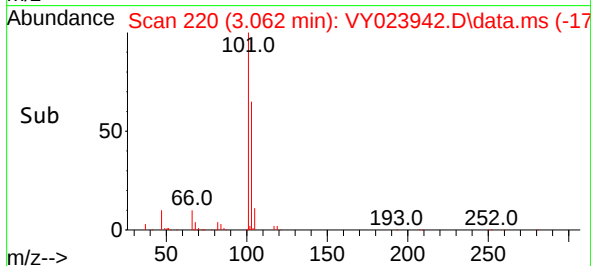
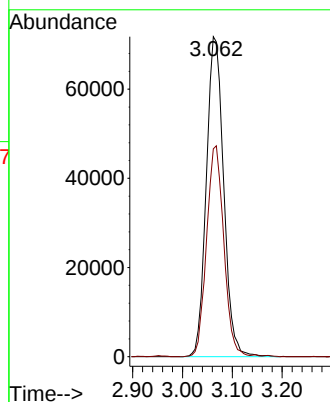
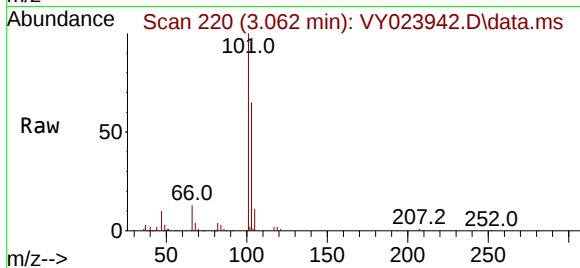




#7
 Trichlorofluoromethane
 Concen: 20.905 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

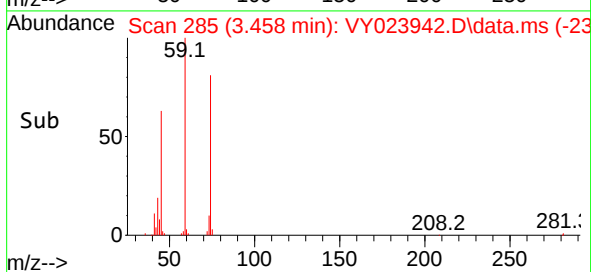
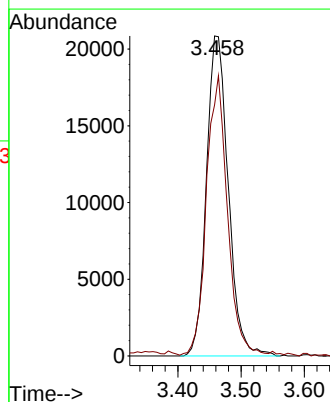
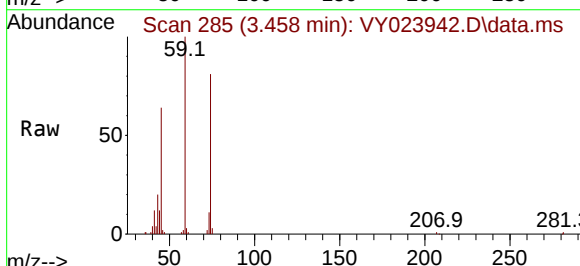
Instrument :
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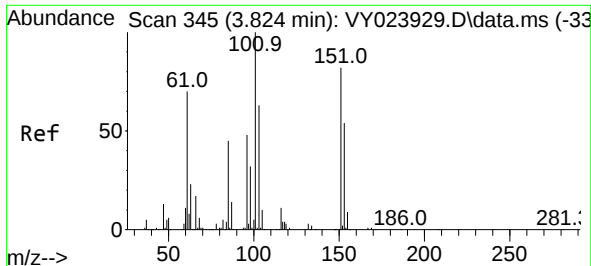
Tgt Ion:101 Resp: 173506
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 21.971 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY023942.D
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Tgt Ion: 74 Resp: 50096
 Ion Ratio Lower Upper
 74 100
 45 83.7 42.0 126.1

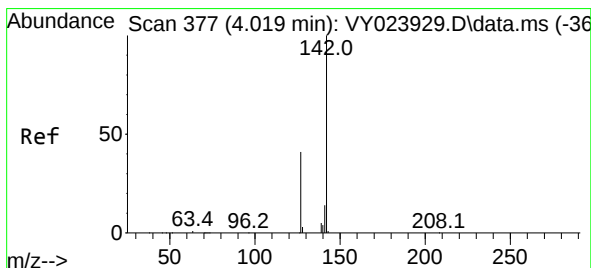
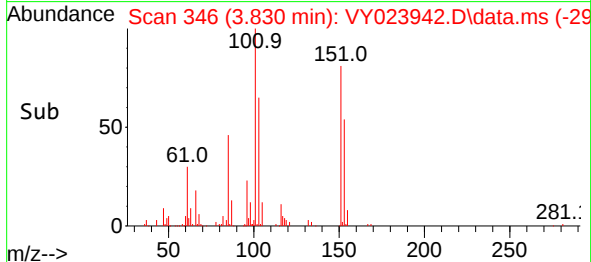
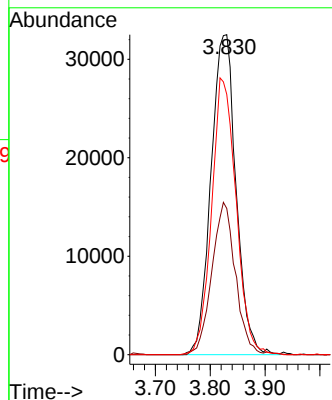
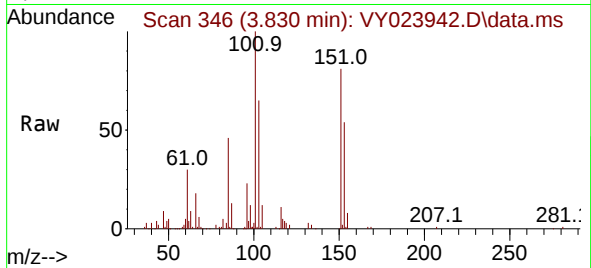




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.326 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

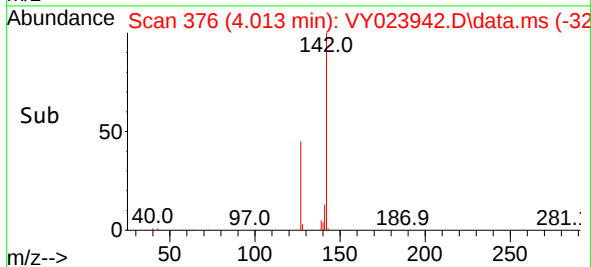
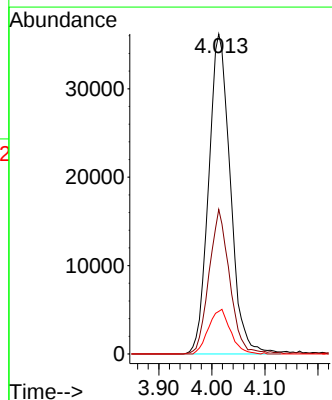
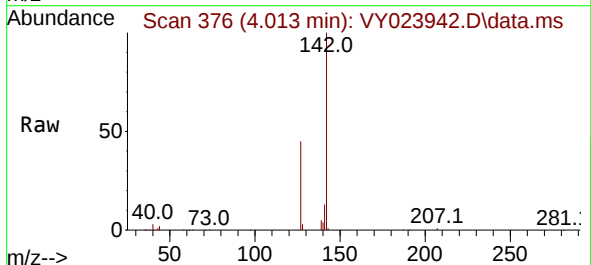
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

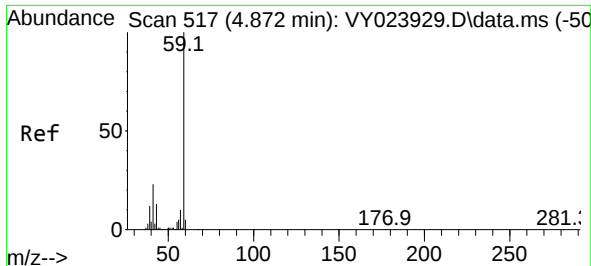
Tgt Ion:101 Resp: 103152
Ion Ratio Lower Upper
101 100
85 44.7 35.1 52.7
151 84.3 67.2 100.8



#10
Methyl Iodide
Concen: 17.198 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion:142 Resp: 102877
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7
141 14.1 11.5 17.3

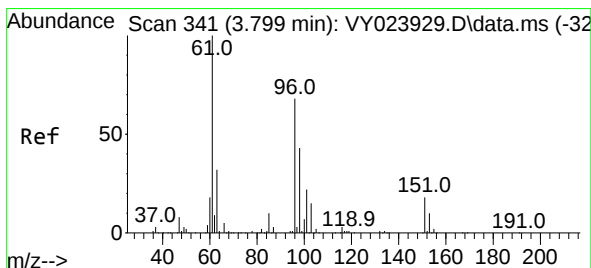
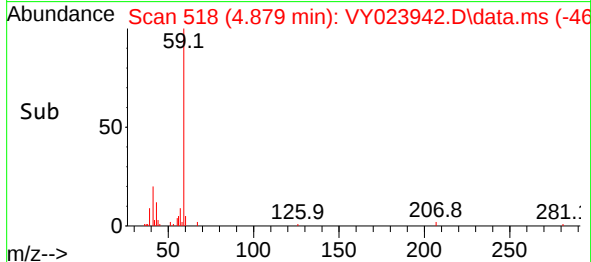
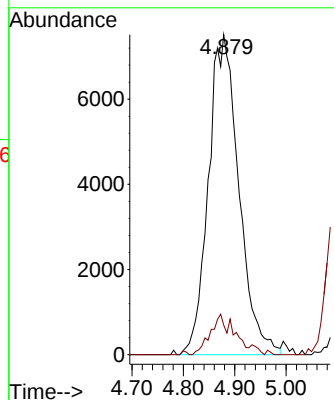
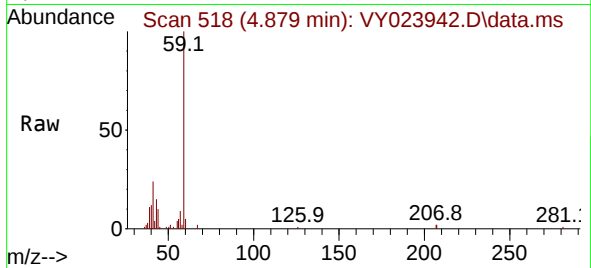




#11
Tert butyl alcohol
Concen: 120.680 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

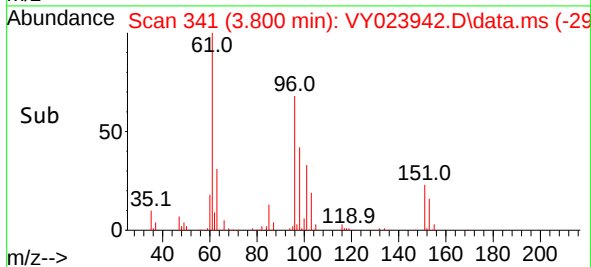
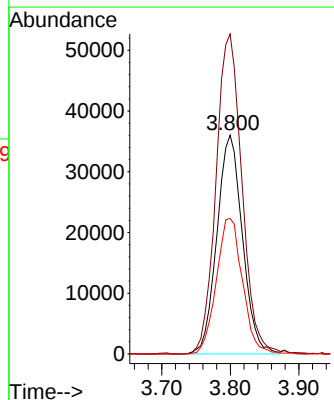
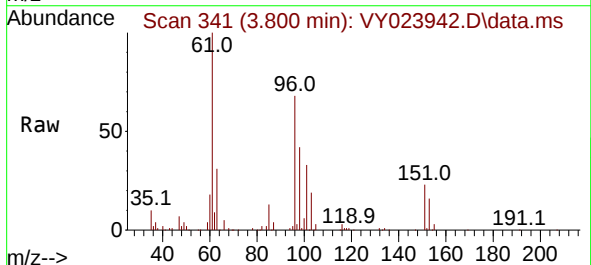
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

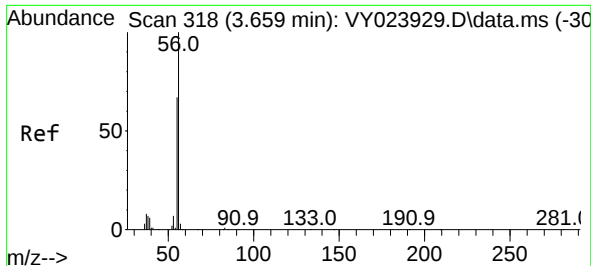
Tgt Ion: 59 Resp: 30942
Ion Ratio Lower Upper
59 100
57 6.3 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 20.489 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 96 Resp: 93116
Ion Ratio Lower Upper
96 100
61 146.2 117.0 175.6
98 61.9 50.5 75.7

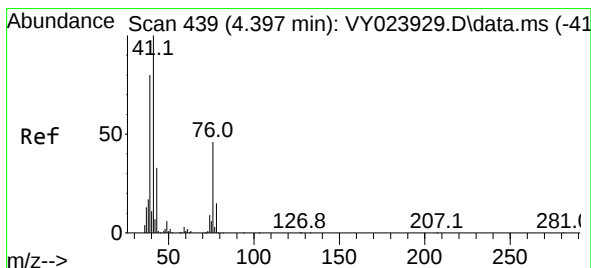
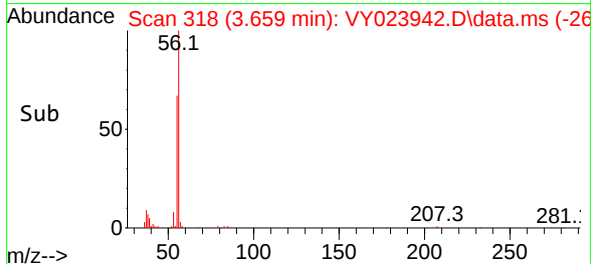
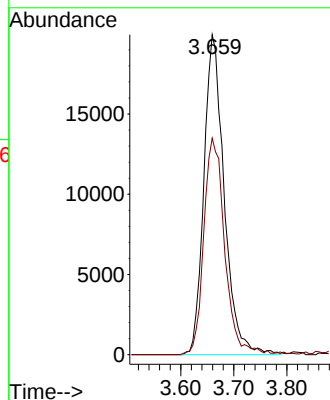
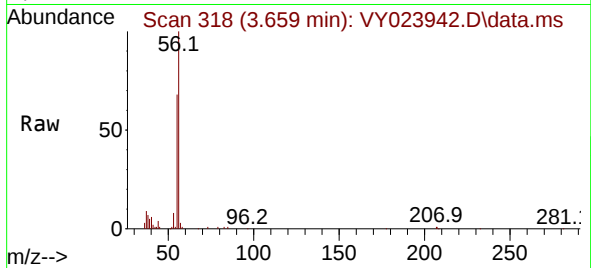




#13
Acrolein
Concen: 129.199 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

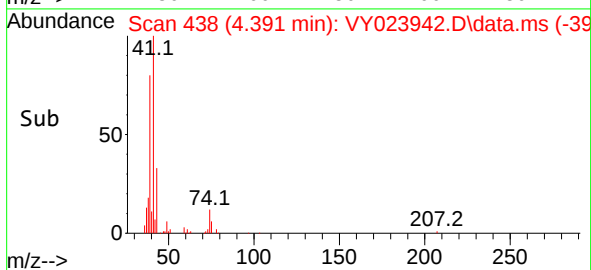
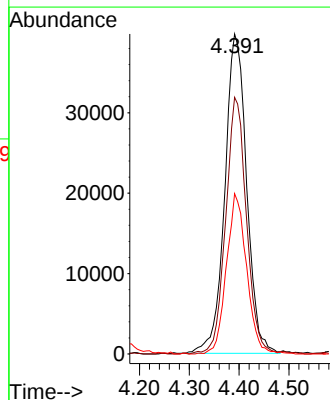
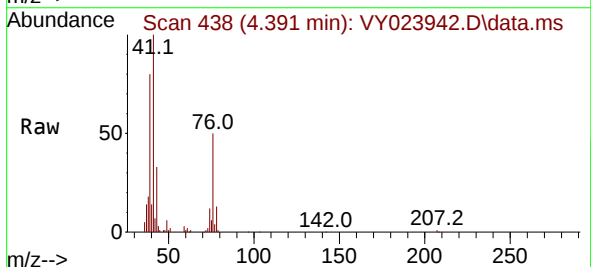
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

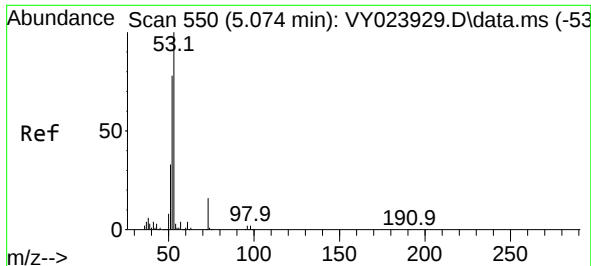
Tgt Ion: 56 Resp: 52981
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 20.790 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 41 Resp: 120893
Ion Ratio Lower Upper
41 100
39 76.3 62.9 94.3
76 46.5 35.7 53.5

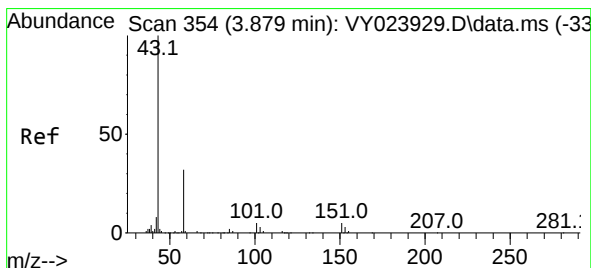
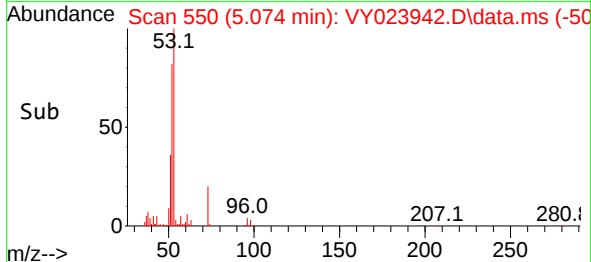
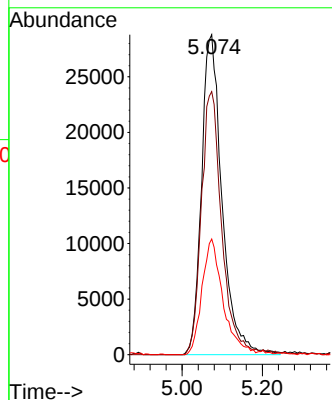
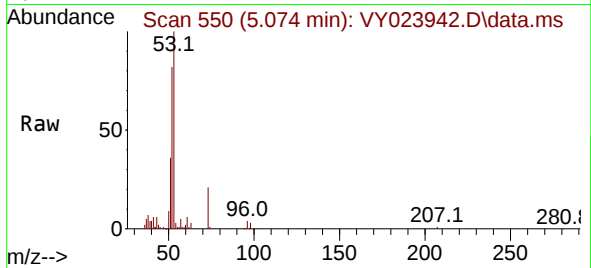




#15
Acrylonitrile
Concen: 112.647 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

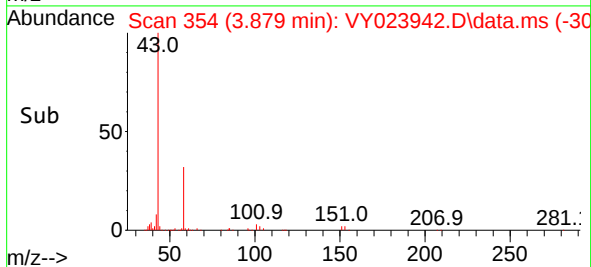
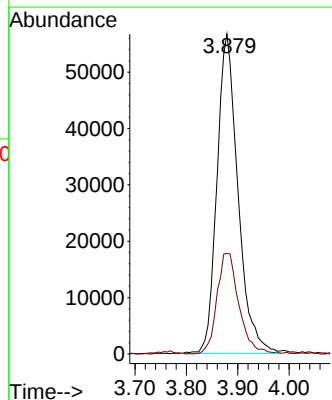
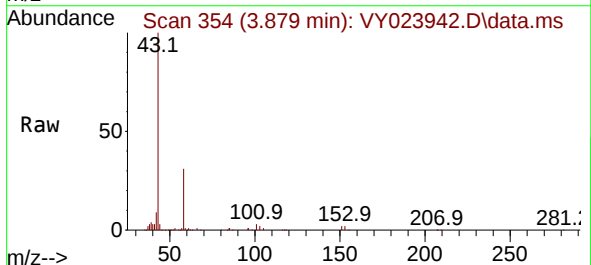
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

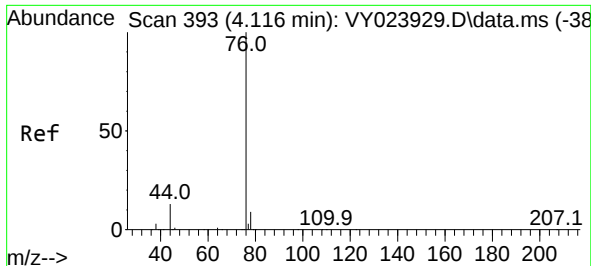
Tgt Ion: 53 Resp: 102333
Ion Ratio Lower Upper
53 100
52 81.4 64.2 96.2
51 37.1 29.3 43.9



#16
Acetone
Concen: 124.242 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 43 Resp: 160927
Ion Ratio Lower Upper
43 100
58 31.3 26.4 39.6

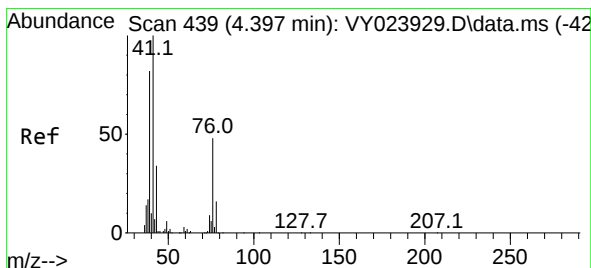
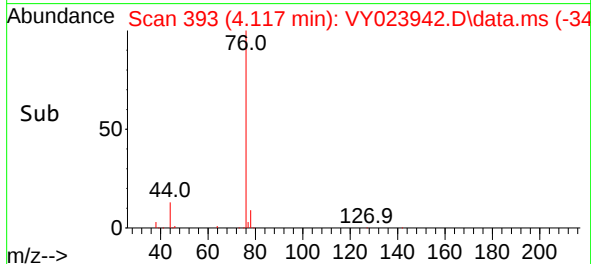
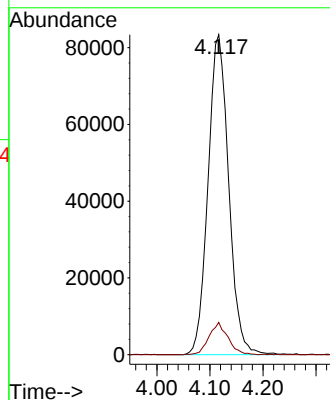
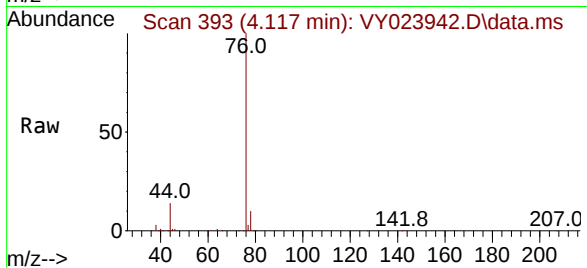




#17
Carbon Disulfide
Concen: 18.661 ug/l
RT: 4.117 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

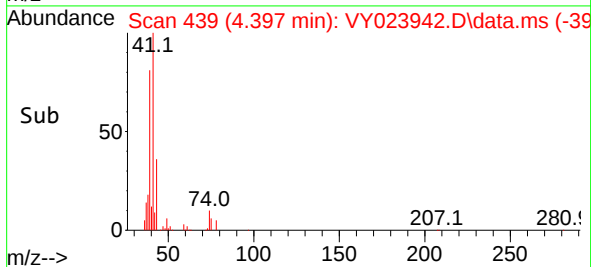
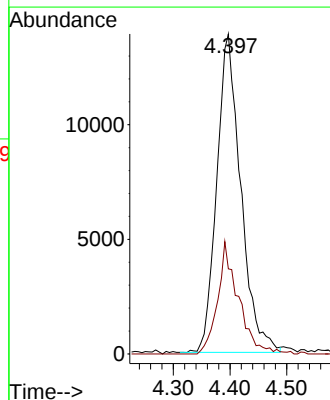
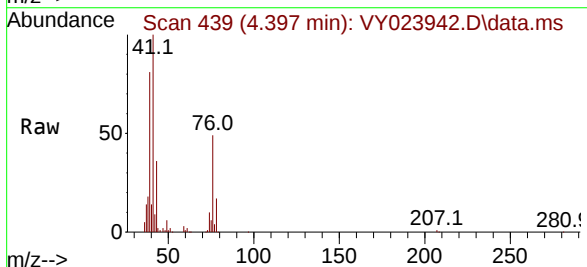
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

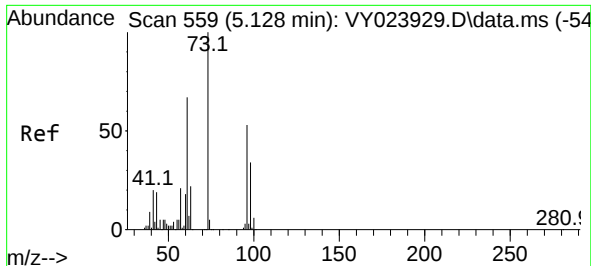
Tgt Ion: 76 Resp: 225214
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



#18
Methyl Acetate
Concen: 20.328 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 43 Resp: 40723
Ion Ratio Lower Upper
43 100
74 30.8 22.6 33.8

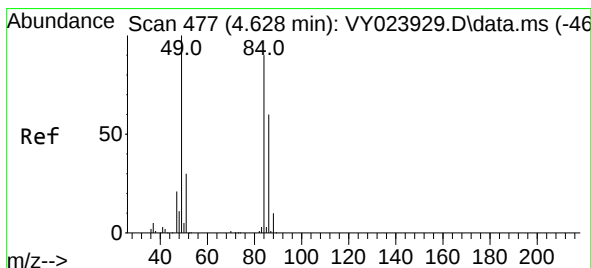
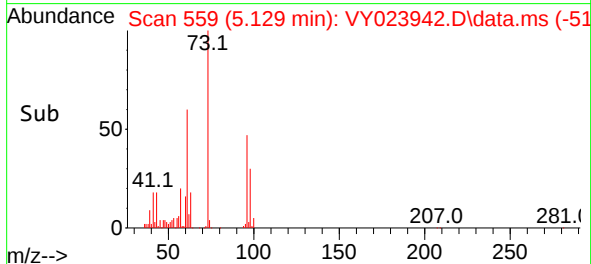
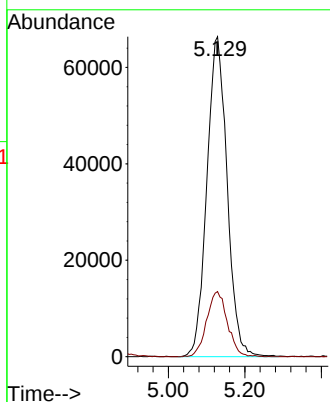
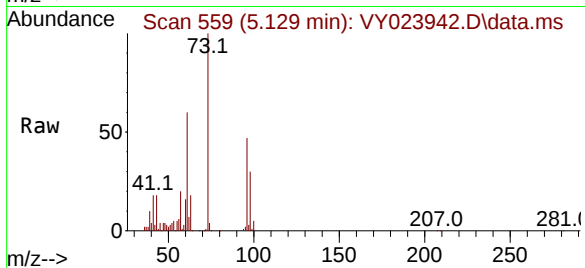




#19
Methyl tert-butyl Ether
Concen: 22.454 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

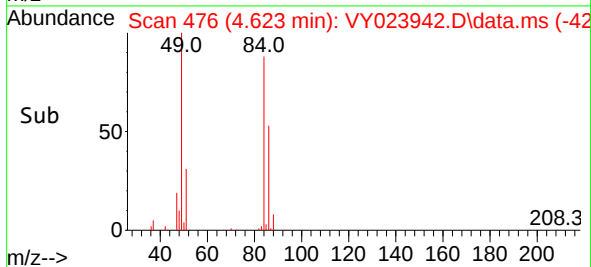
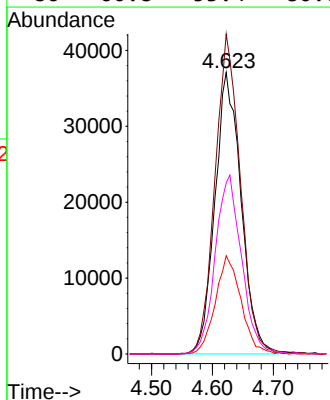
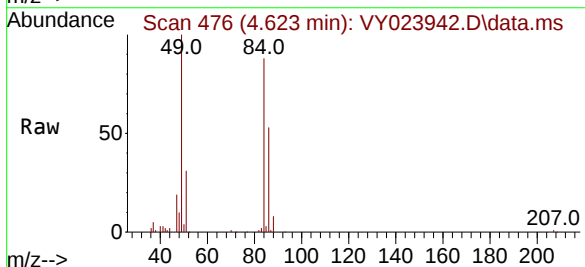
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

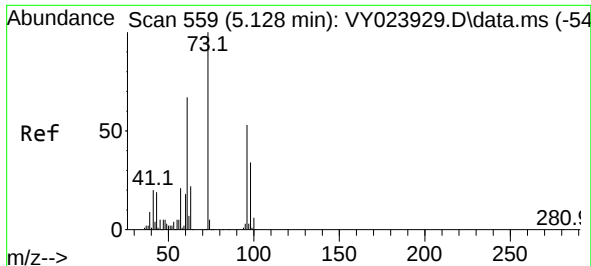
Tgt Ion: 73 Resp: 244024
Ion Ratio Lower Upper
73 100
57 20.3 17.1 25.7



#20
Methylene Chloride
Concen: 21.195 ug/l
RT: 4.623 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 84 Resp: 110407
Ion Ratio Lower Upper
84 100
49 113.7 89.1 133.7
51 34.9 26.6 39.8
86 60.8 53.4 80.0

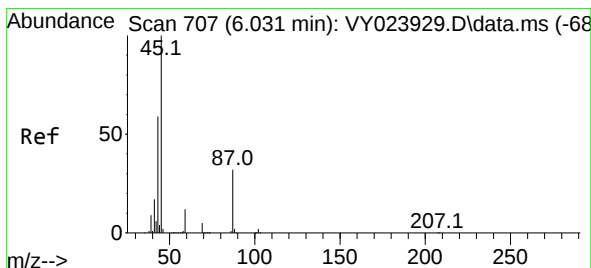
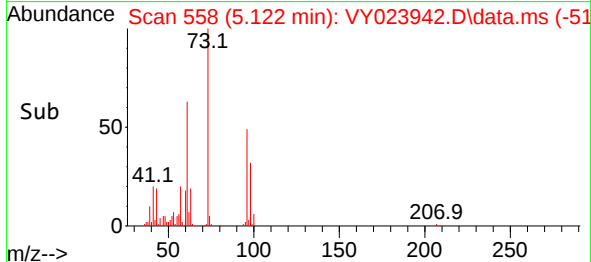
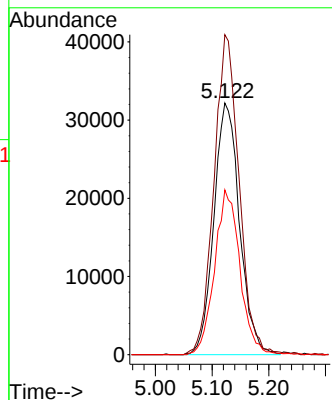
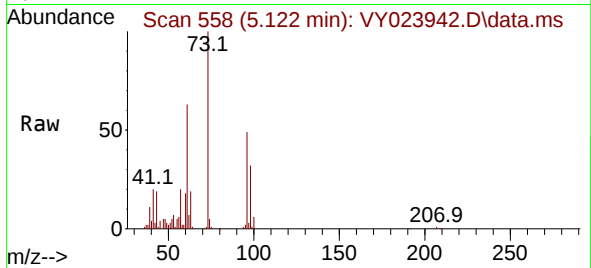




#21
trans-1,2-Dichloroethene
Concen: 20.266 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

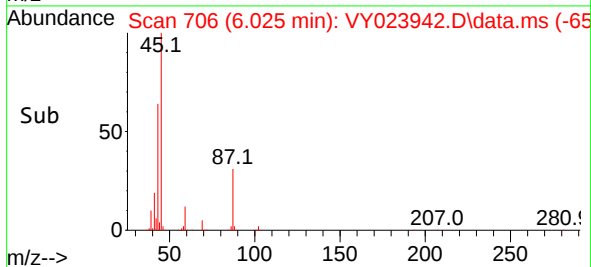
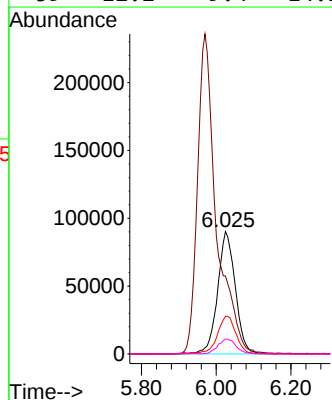
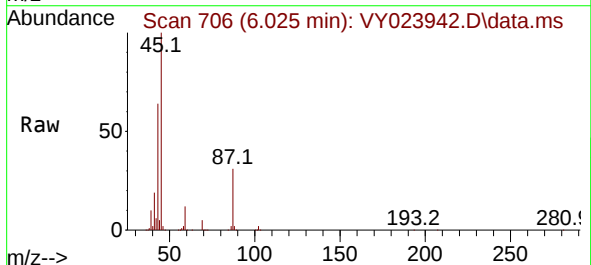
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

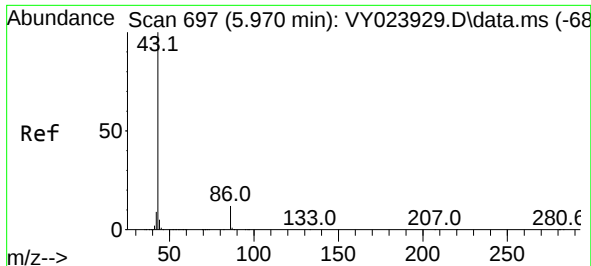
Tgt Ion: 96 Resp: 101107
Ion Ratio Lower Upper
96 100
61 127.1 101.4 152.0
98 65.5 51.7 77.5



#22
Diisopropyl ether
Concen: 22.370 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 45 Resp: 296210
Ion Ratio Lower Upper
45 100
43 63.5 47.0 70.6
87 30.7 26.0 39.0
59 12.2 9.4 14.2

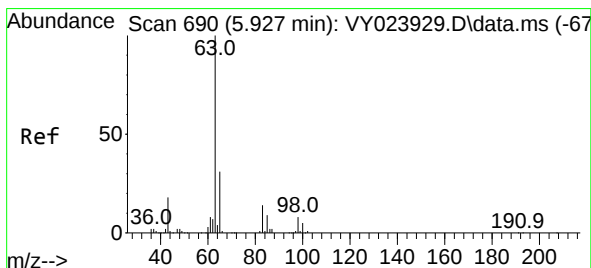
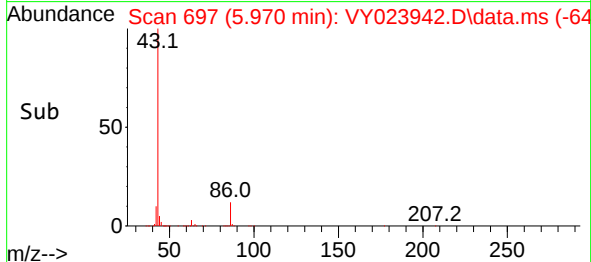
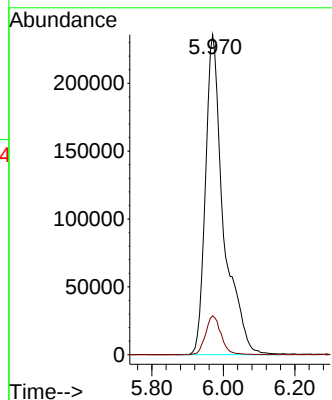
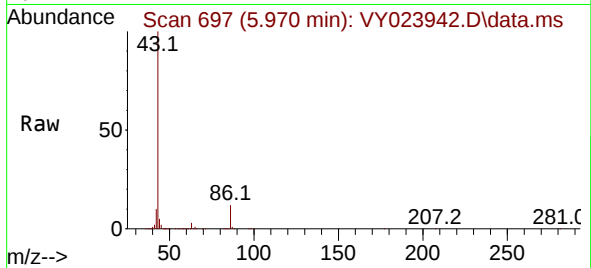




#23
 Vinyl Acetate
 Concen: 112.470 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

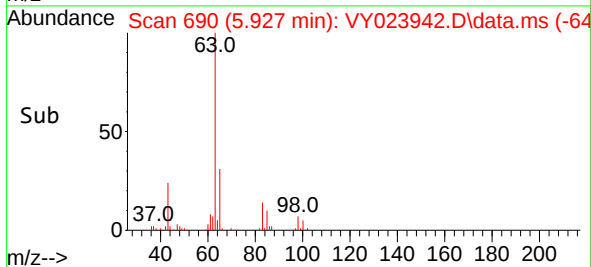
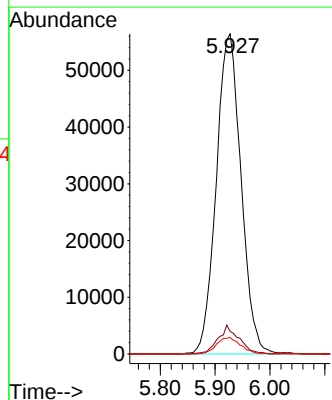
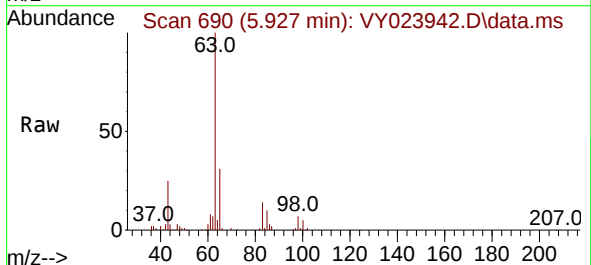
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD01

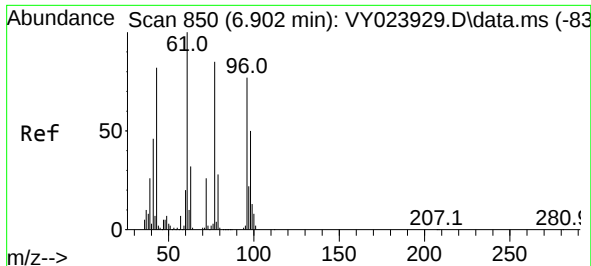
Tgt Ion: 43 Resp: 827476
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 21.478 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

Tgt Ion: 63 Resp: 177262
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 5.1 2.3 6.9

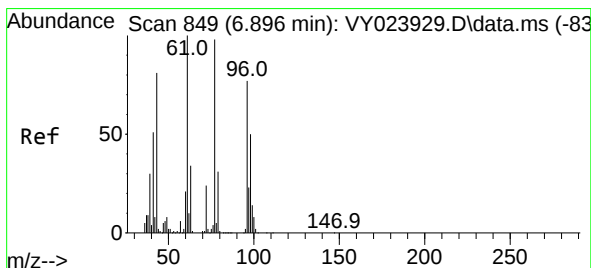
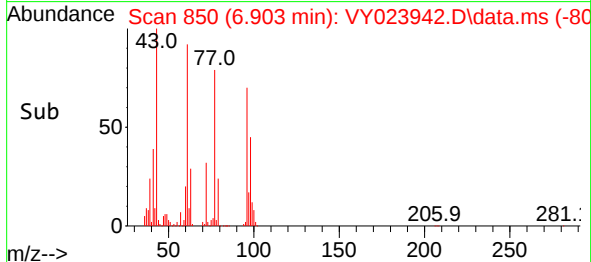
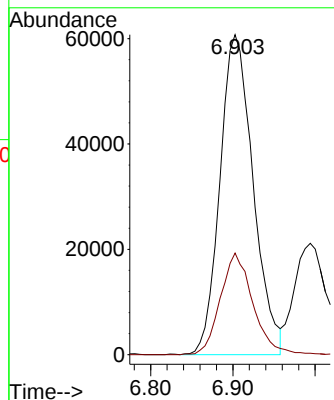
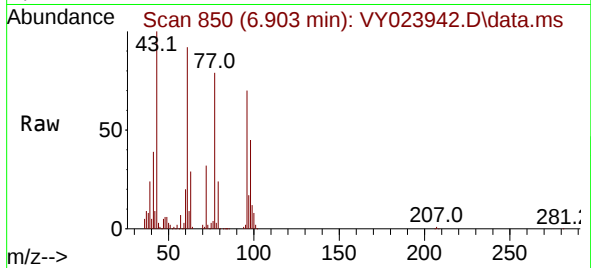




#25
2-Butanone
Concen: 124.761 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

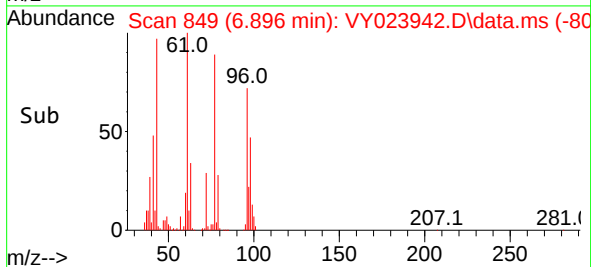
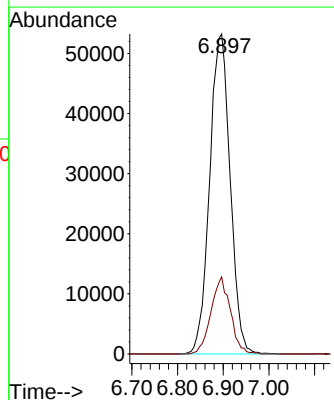
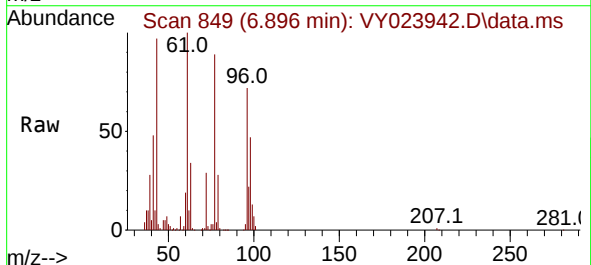
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

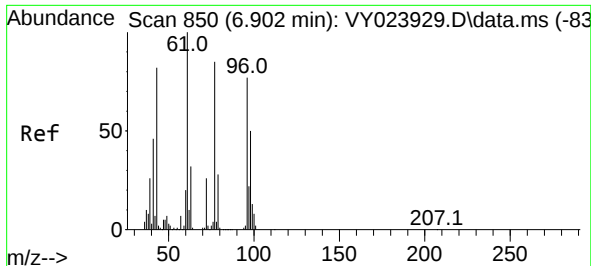
Tgt Ion: 43 Resp: 170716
Ion Ratio Lower Upper
43 100
72 31.7 25.0 37.6



#26
2,2-Dichloropropane
Concen: 21.539 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 77 Resp: 165984
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 21.426 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

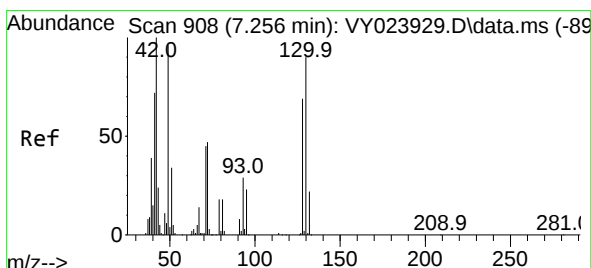
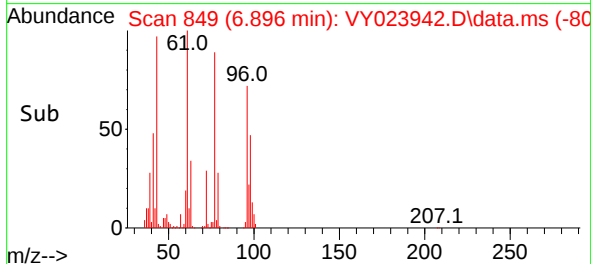
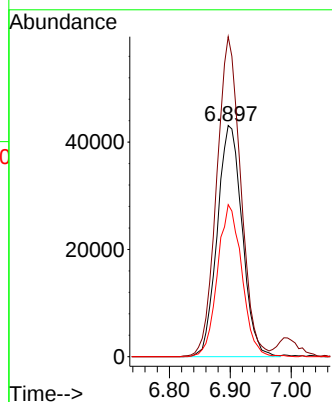
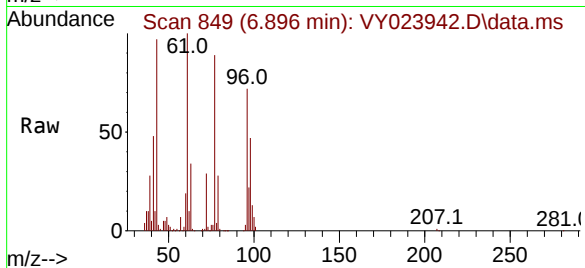
Tgt Ion: 96 Resp: 122711

Ion Ratio Lower Upper

96 100

61 133.6 0.0 264.6

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 23.039 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

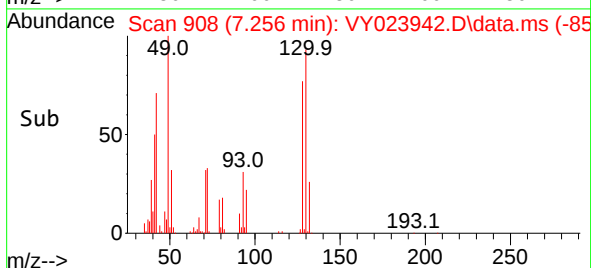
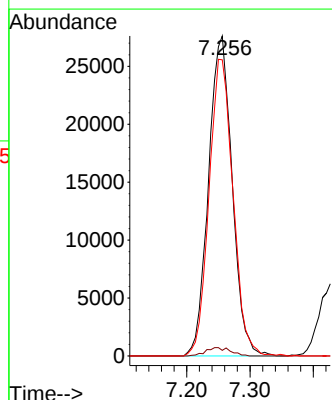
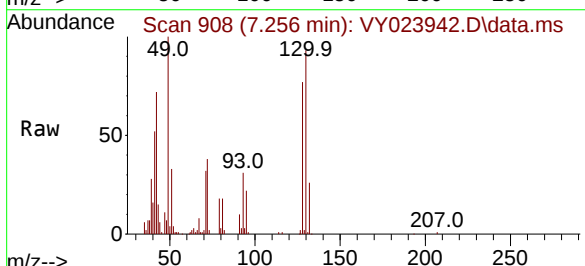
Tgt Ion: 49 Resp: 71635

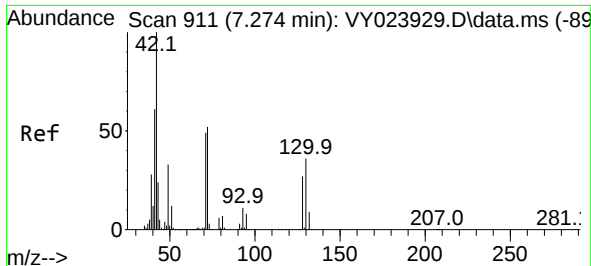
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.4

130 93.9 74.4 111.6





#29

Tetrahydrofuran

Concen: 115.617 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

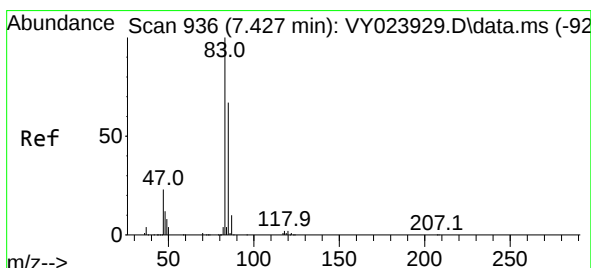
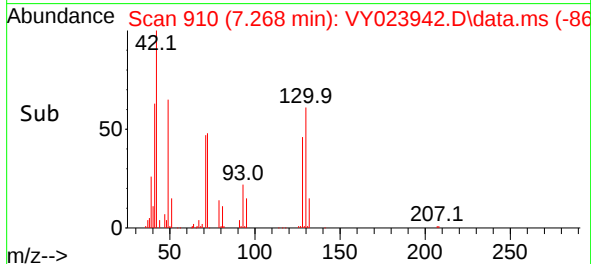
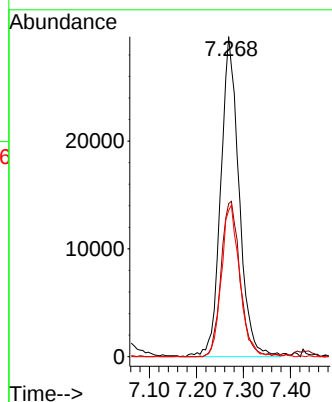
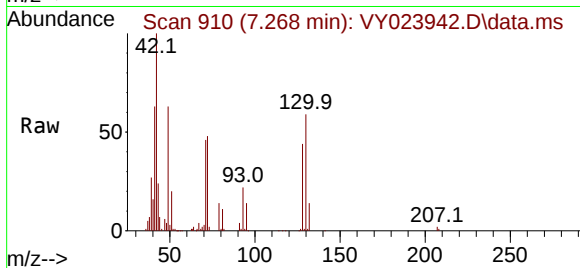
Tgt Ion: 42 Resp: 80684

Ion Ratio Lower Upper

42 100

72 50.1 40.0 60.0

71 47.5 37.7 56.5



#30

Chloroform

Concen: 21.546 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023942.D

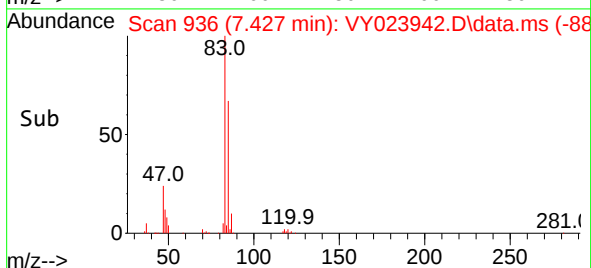
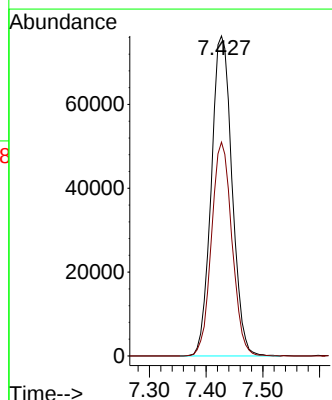
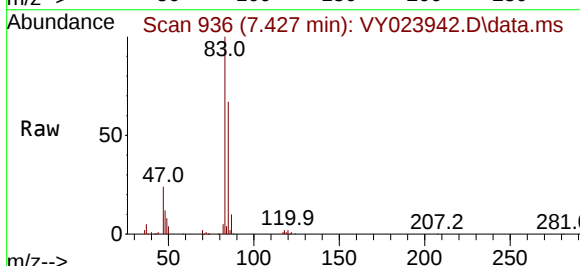
Acq: 11 Dec 2025 09:44

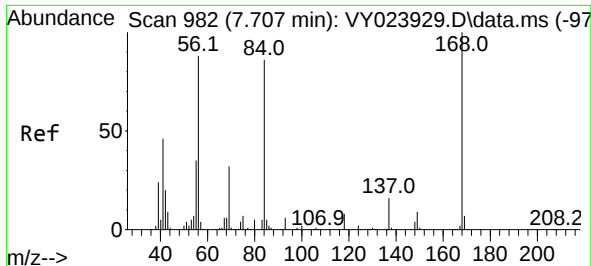
Tgt Ion: 83 Resp: 194246

Ion Ratio Lower Upper

83 100

85 66.8 53.4 80.0

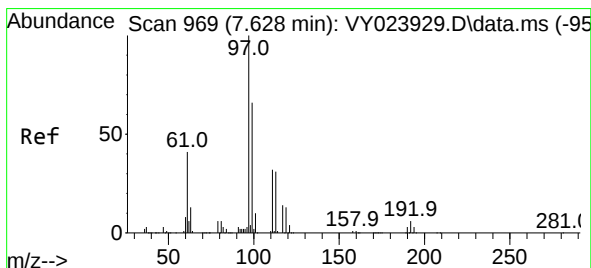
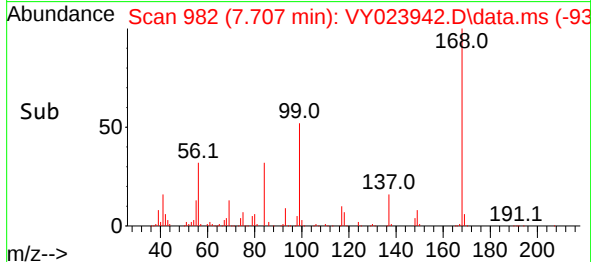
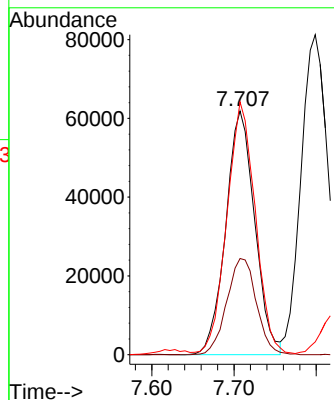
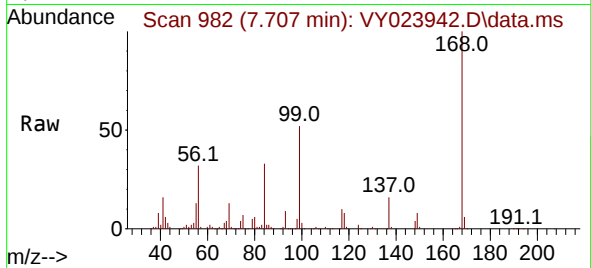




#31
Cyclohexane
Concen: 20.008 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

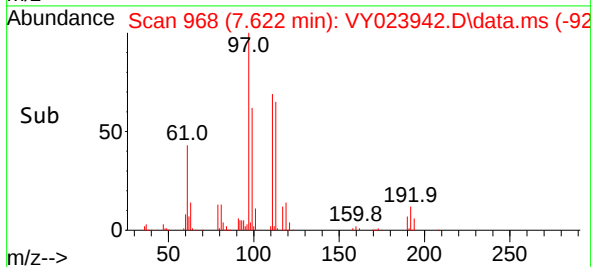
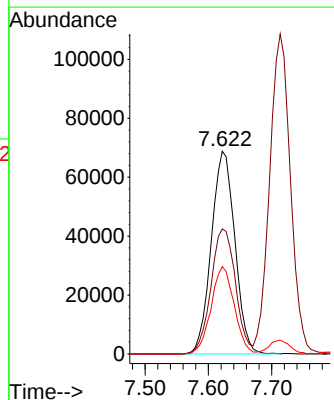
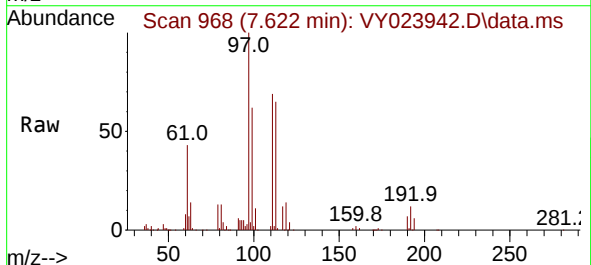
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

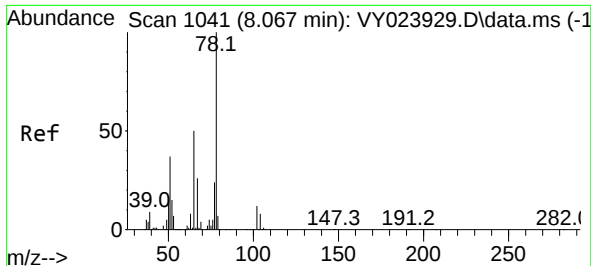
Tgt Ion: 56 Resp: 151925
Ion Ratio Lower Upper
56 100
69 39.4 29.1 43.7
84 102.1 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 21.310 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 97 Resp: 178152
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 42.3 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

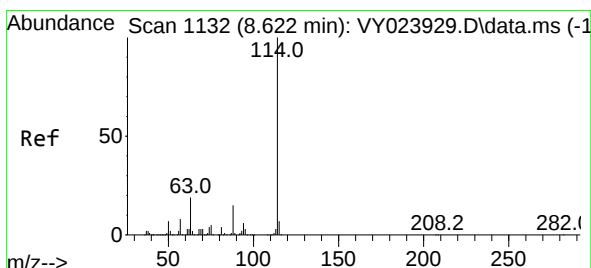
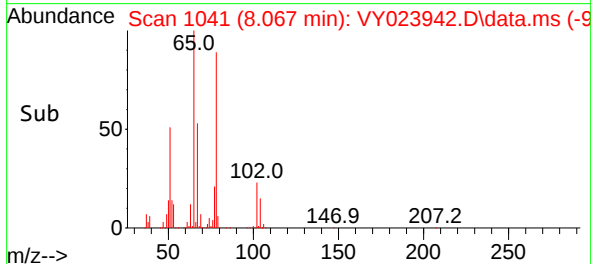
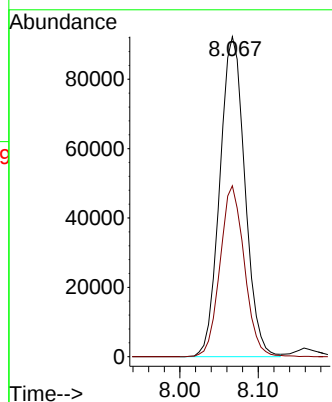
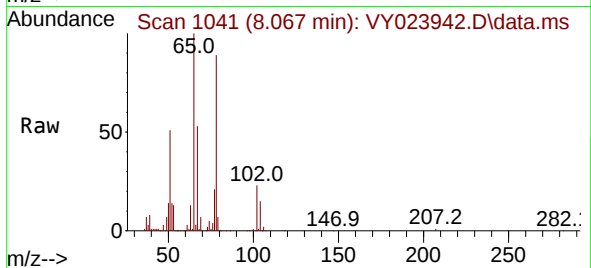
VY1211SBSD01

Tgt Ion: 65 Resp: 205361

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

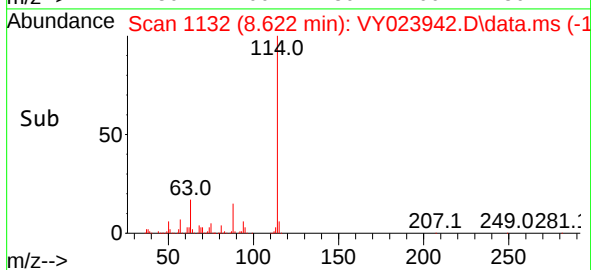
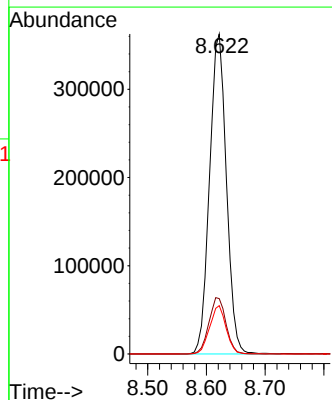
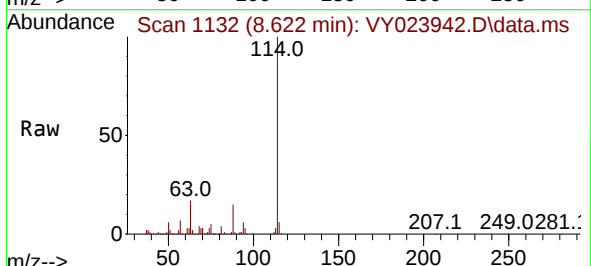
Tgt Ion: 114 Resp: 721889

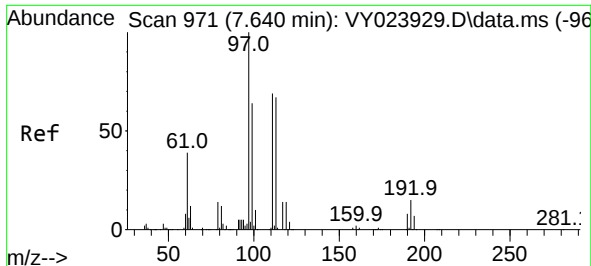
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.2

88 15.1 0.0 29.4

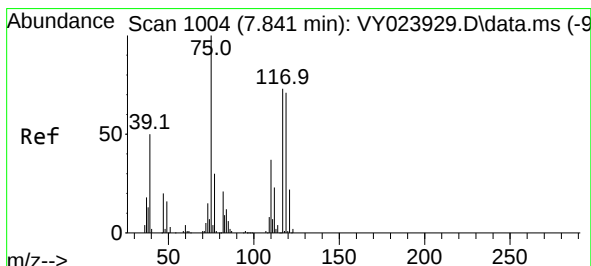
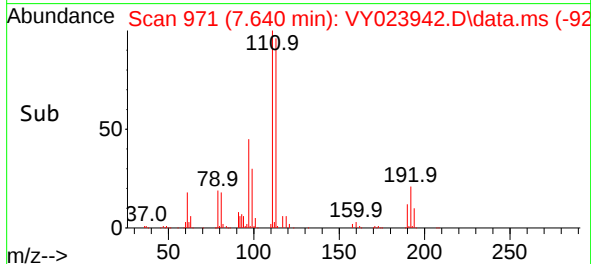
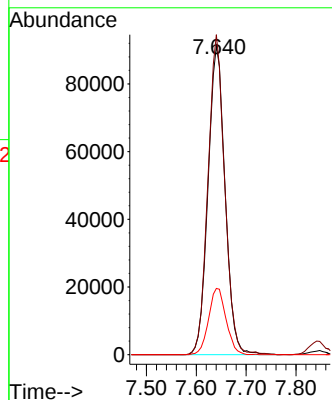
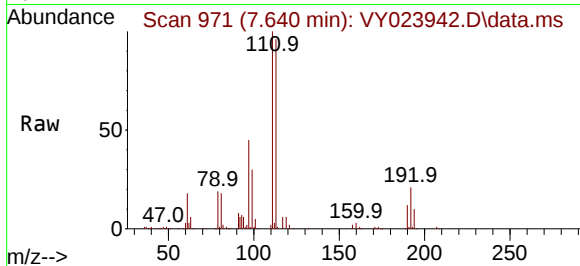




#35
Dibromofluoromethane
Concen: 45.961 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

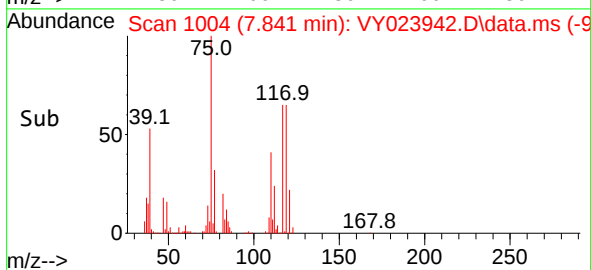
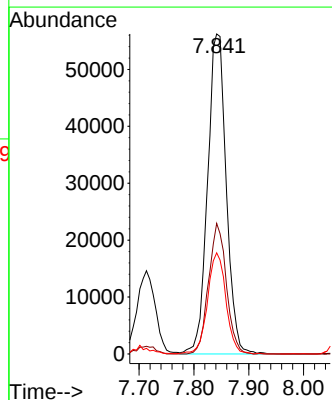
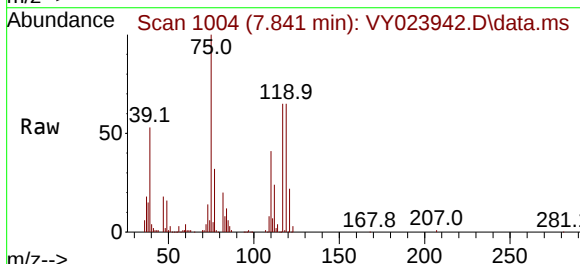
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

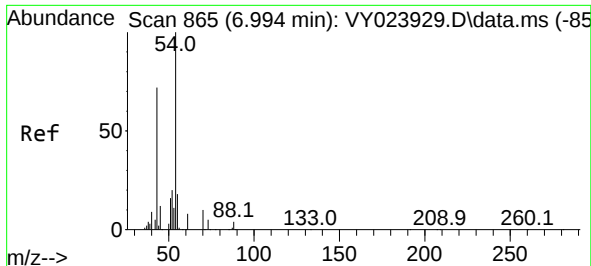
Tgt Ion:113 Resp: 216884
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 22.0 17.9 26.9



#36
1,1-Dichloropropene
Concen: 20.716 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 75 Resp: 133088
Ion Ratio Lower Upper
75 100
110 38.8 19.2 57.6
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 22.990 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

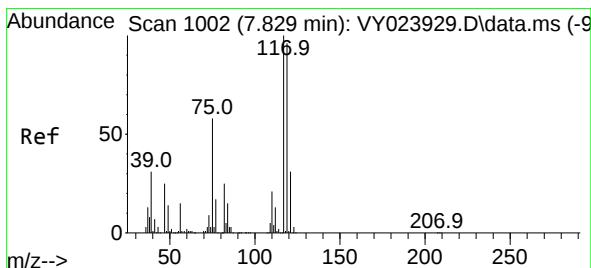
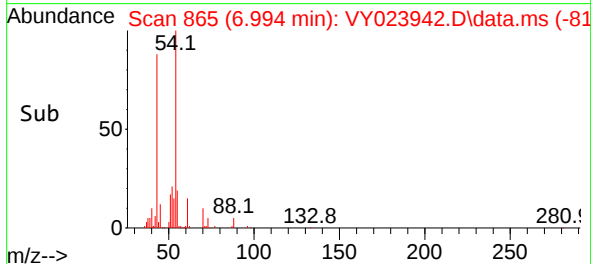
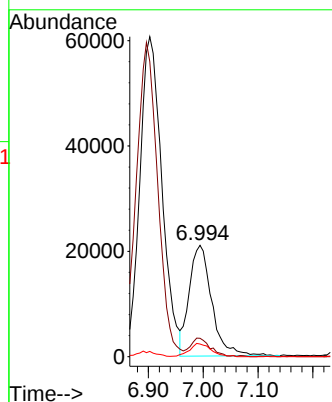
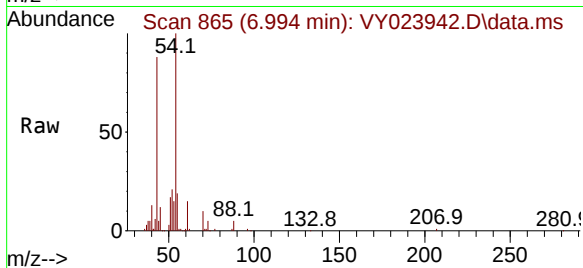
Tgt Ion: 43 Resp: 60143

Ion Ratio Lower Upper

43 100

61 13.7 11.9 17.9

70 11.4 9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.948 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

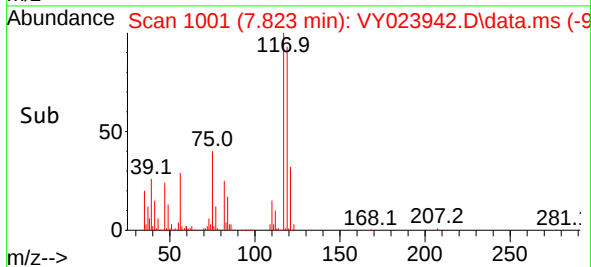
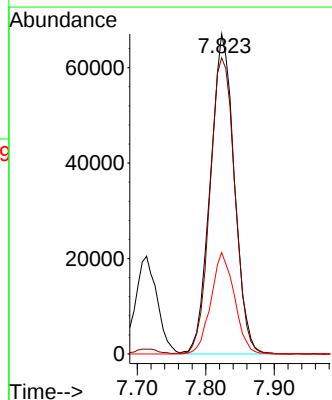
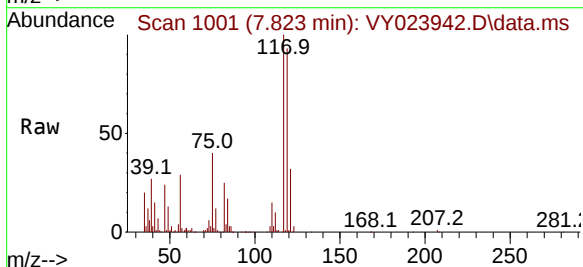
Tgt Ion: 117 Resp: 163121

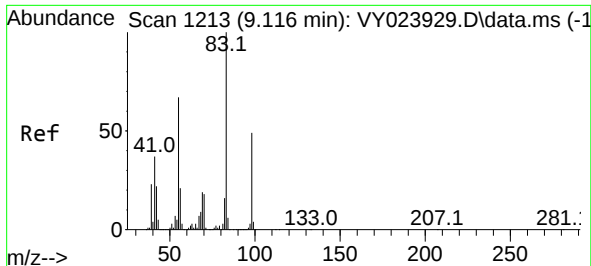
Ion Ratio Lower Upper

117 100

119 92.5 76.6 114.8

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 20.163 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

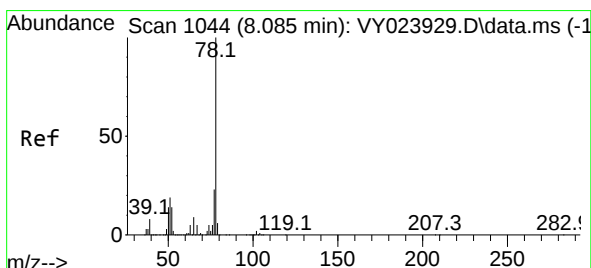
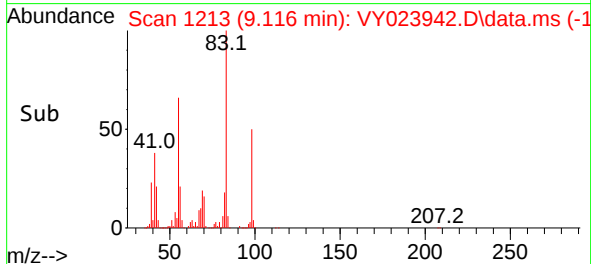
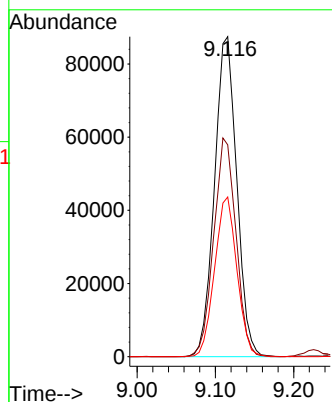
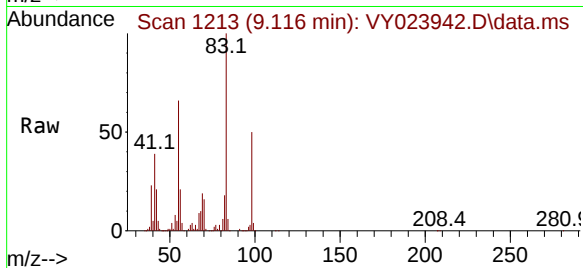
Tgt Ion: 83 Resp: 173062

Ion Ratio Lower Upper

83 100

55 66.2 53.4 80.0

98 49.9 39.2 58.8



#40

Benzene

Concen: 21.008 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023942.D

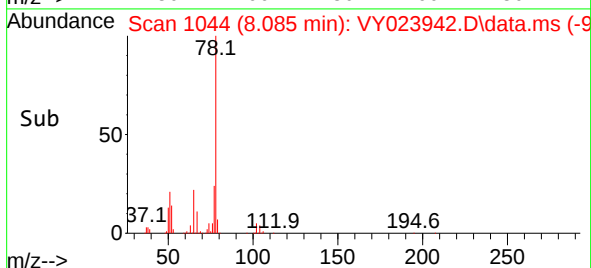
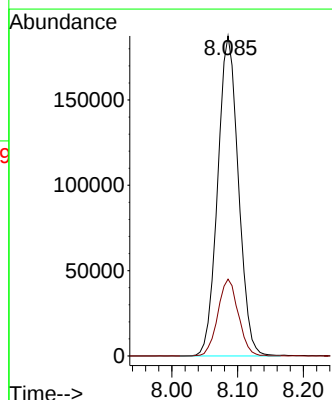
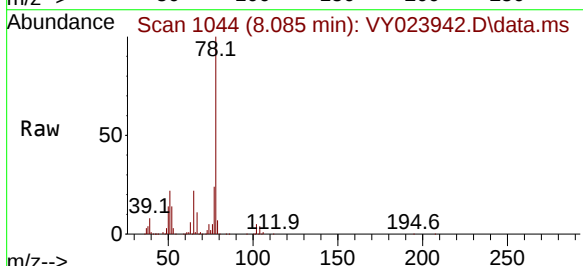
Acq: 11 Dec 2025 09:44

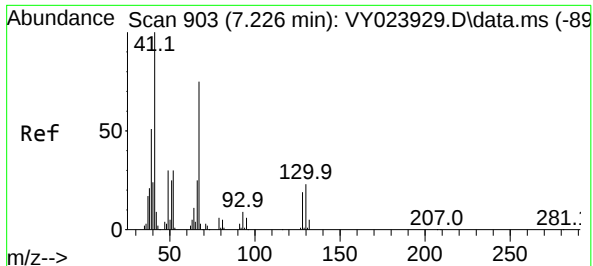
Tgt Ion: 78 Resp: 410995

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

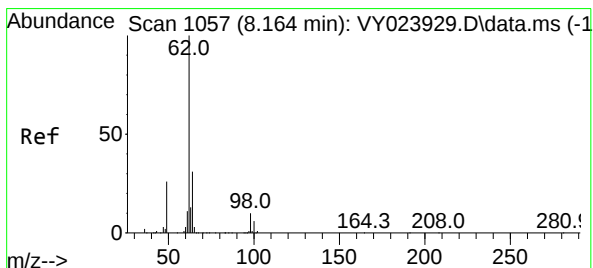
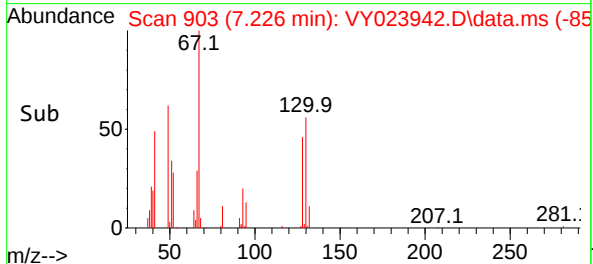
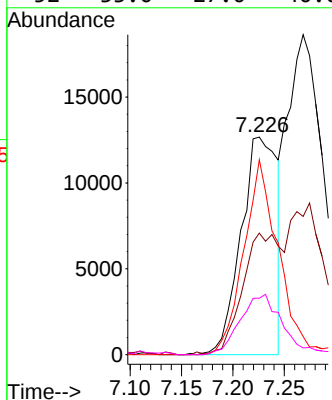
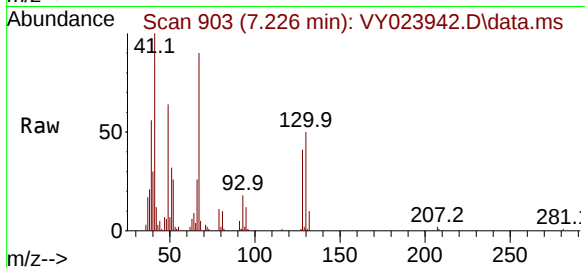




#41
Methacrylonitrile
Concen: 21.581 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

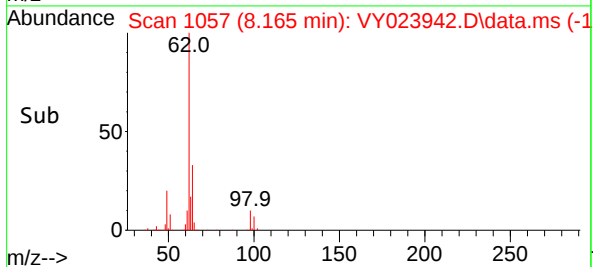
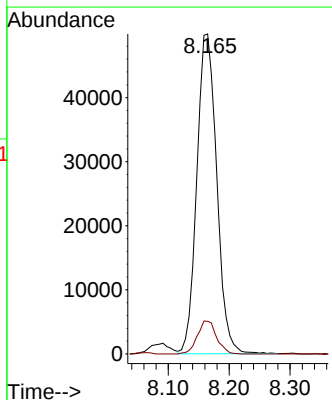
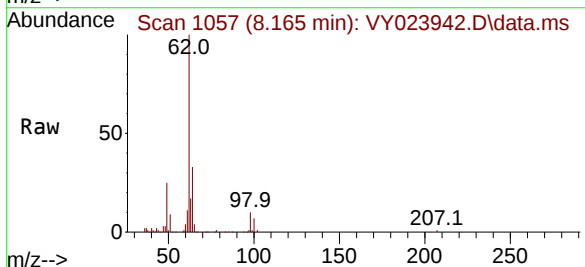
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

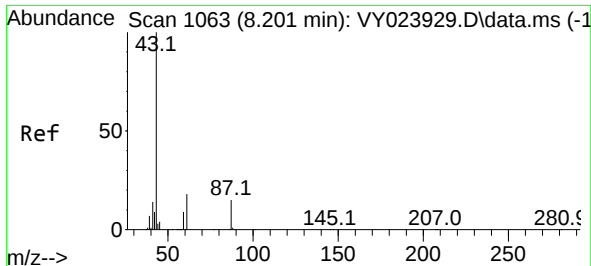
Tgt Ion:	41	Resp:	31058
Ion	Ratio	Lower	Upper
41	100		
39	61.6	50.6	75.8
67	86.5	68.0	102.0
52	33.0	27.0	40.6



#42
1,2-Dichloroethane
Concen: 22.133 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion:	62	Resp:	113551
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 22.266 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

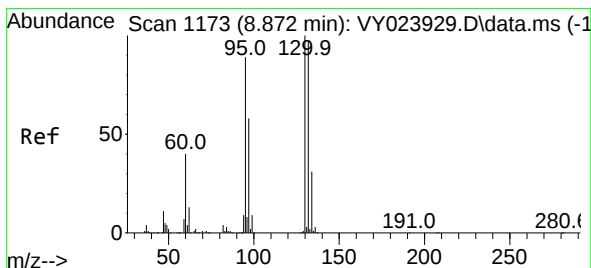
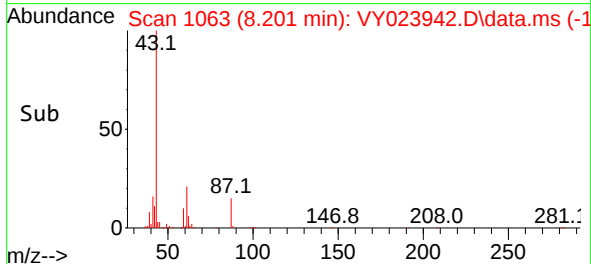
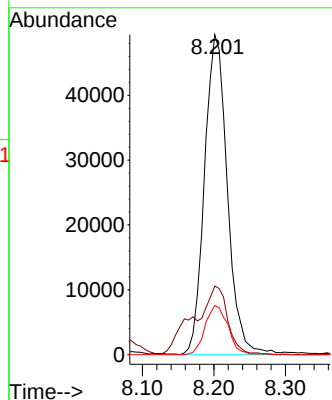
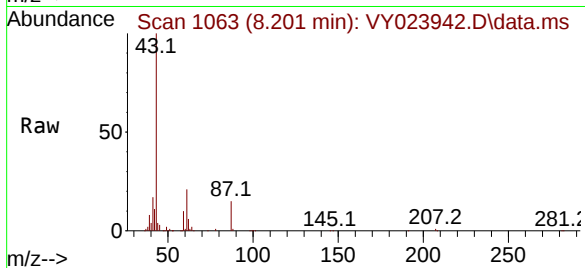
Tgt Ion: 43 Resp: 109707

Ion Ratio Lower Upper

43 100

61 31.8 17.4 26.2#

87 15.3 12.3 18.5



#44

Trichloroethene

Concen: 21.022 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VY023942.D

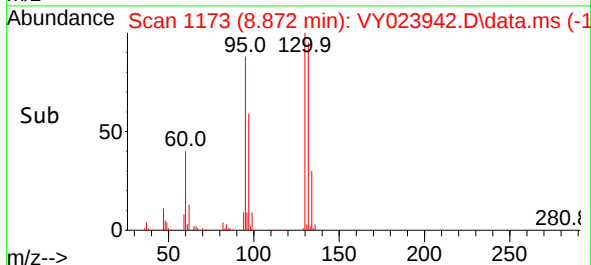
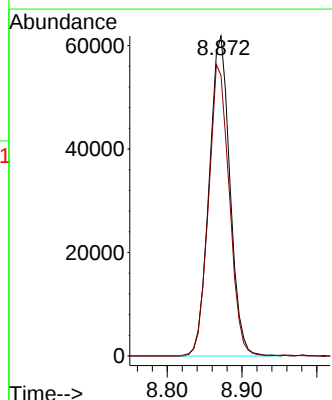
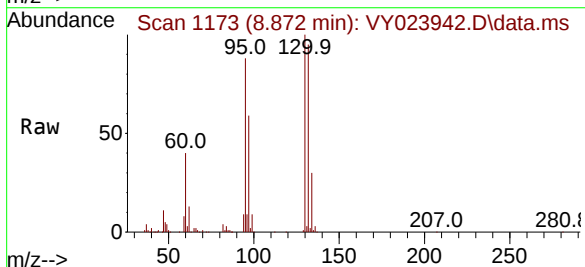
Acq: 11 Dec 2025 09:44

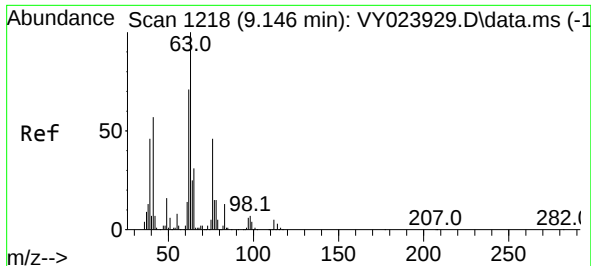
Tgt Ion:130 Resp: 119252

Ion Ratio Lower Upper

130 100

95 87.6 0.0 178.8

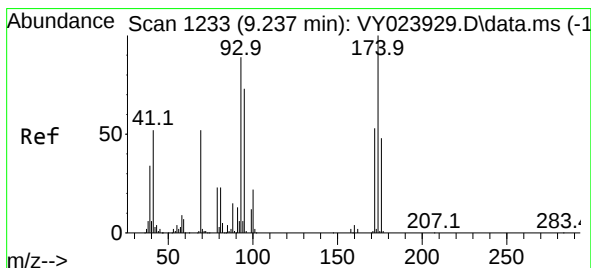
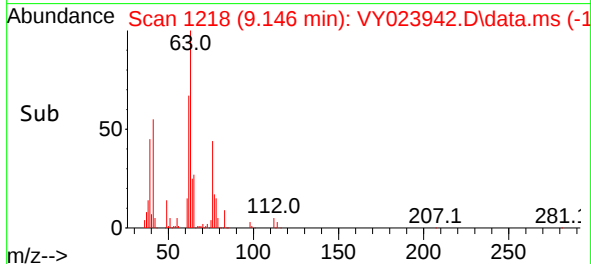
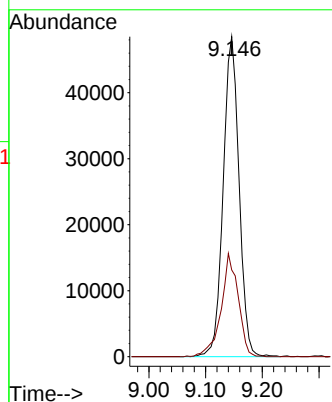
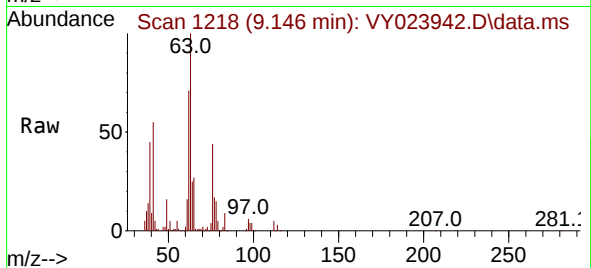




#45
1,2-Dichloropropane
Concen: 21.349 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

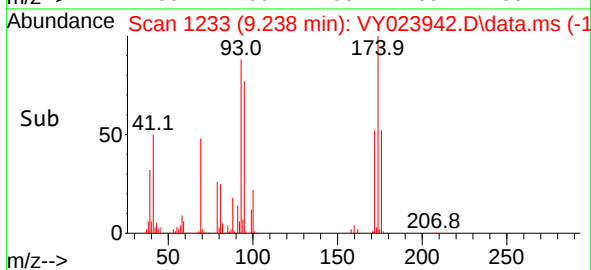
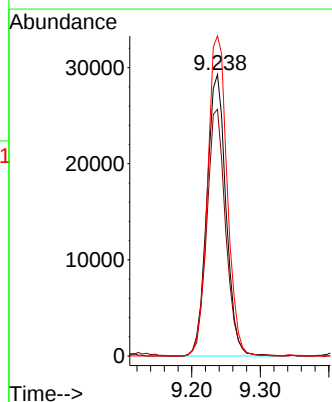
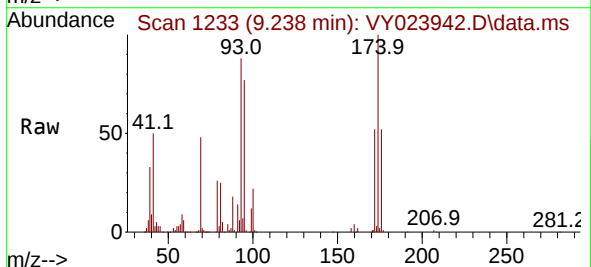
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

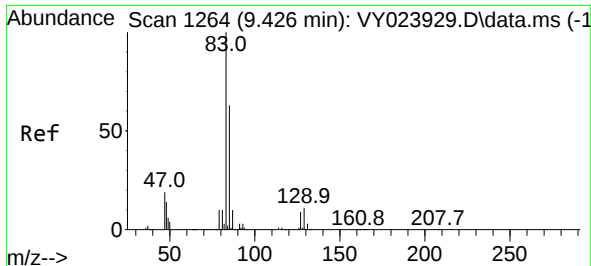
Tgt Ion: 63 Resp: 94235
Ion Ratio Lower Upper
63 100
65 27.1 25.1 37.7



#46
Dibromomethane
Concen: 21.899 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 93 Resp: 56932
Ion Ratio Lower Upper
93 100
95 86.1 65.1 97.7
174 116.0 90.6 136.0

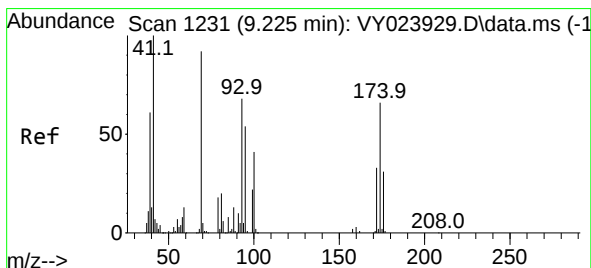
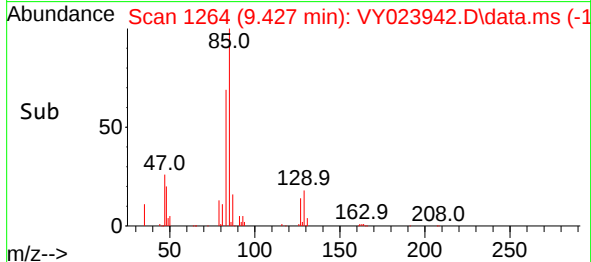
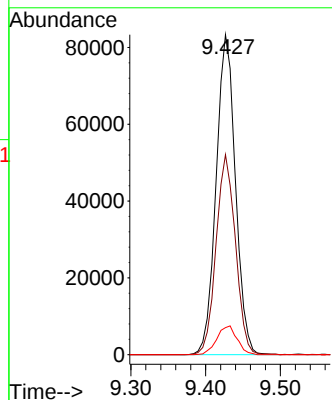
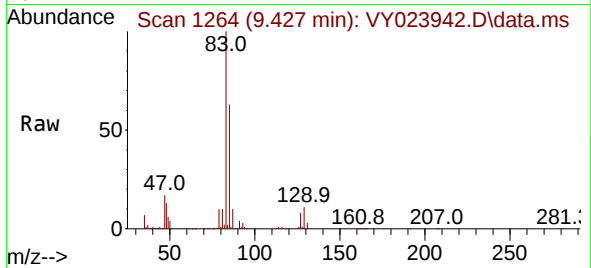




#47
Bromodichloromethane
Concen: 21.909 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

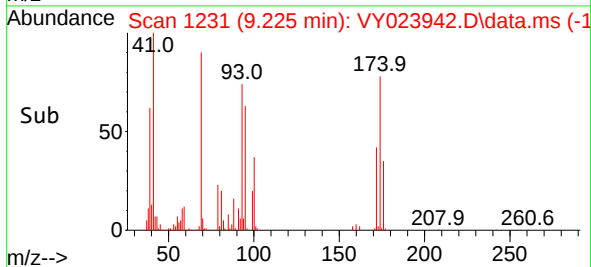
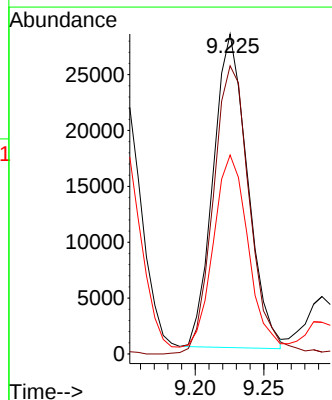
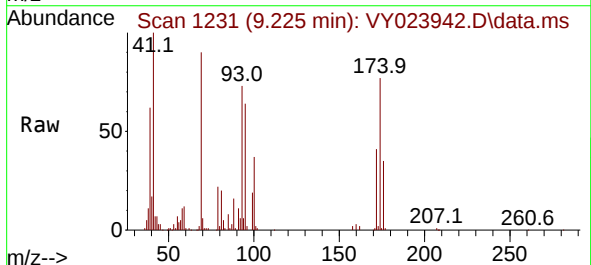
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

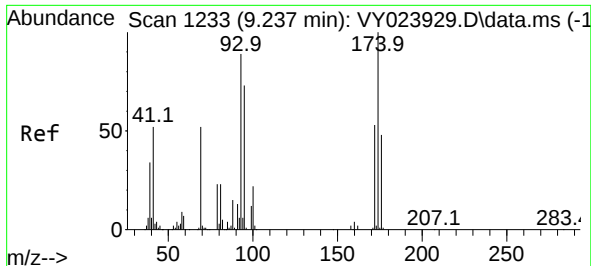
Tgt Ion: 83 Resp: 149839
Ion Ratio Lower Upper
83 100
85 62.5 50.7 76.1
127 8.4 7.0 10.4



#48
Methyl methacrylate
Concen: 21.308 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 41 Resp: 48874
Ion Ratio Lower Upper
41 100
69 98.5 74.7 112.1
39 62.0 47.4 71.2





#49

1,4-Dioxane

Concen: 464.198 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

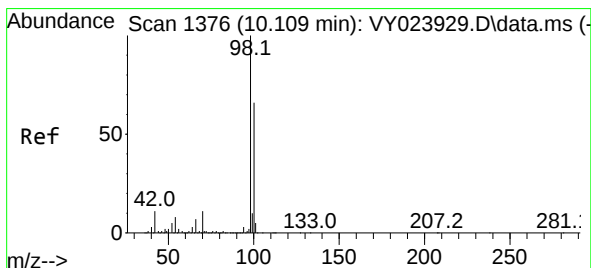
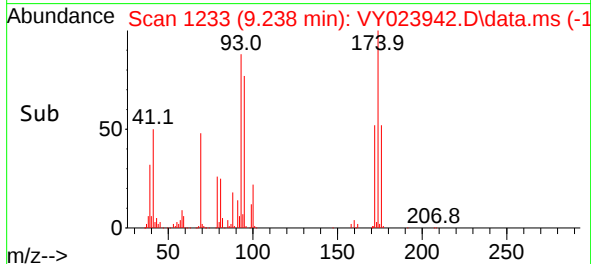
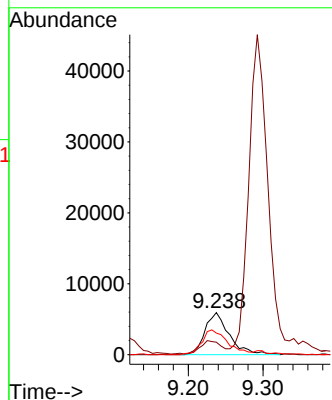
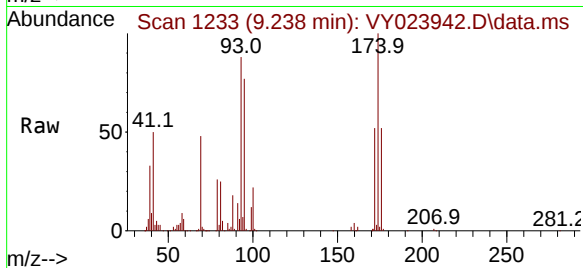
Tgt Ion: 88 Resp: 13454

Ion Ratio Lower Upper

88 100

43 25.6 22.3 33.5

58 62.6 52.3 78.5



#50

Toluene-d8

Concen: 45.264 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023942.D

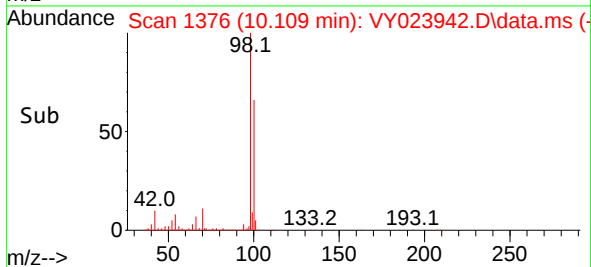
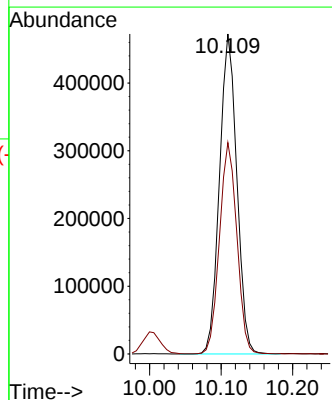
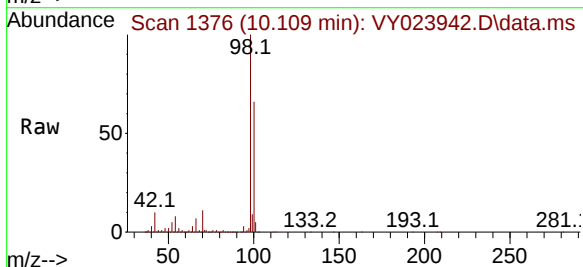
Acq: 11 Dec 2025 09:44

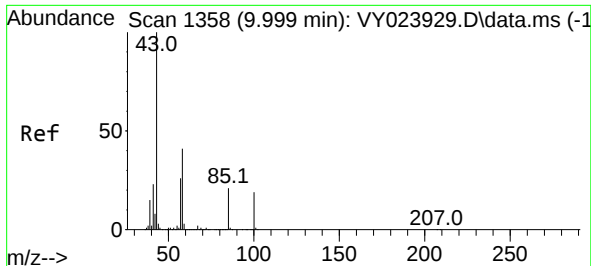
Tgt Ion: 98 Resp: 795238

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 114.593 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

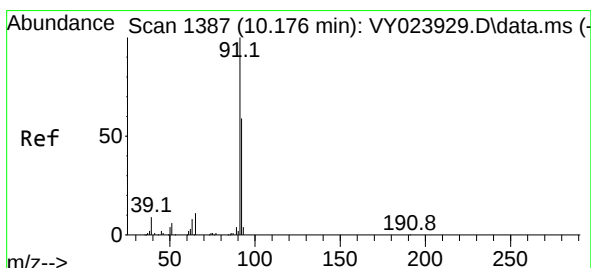
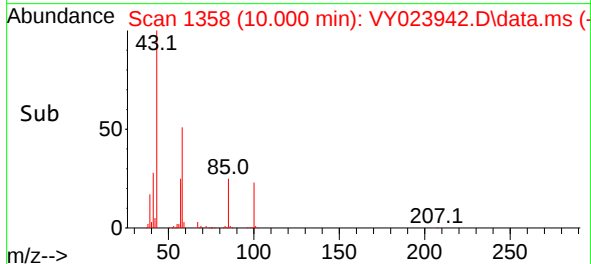
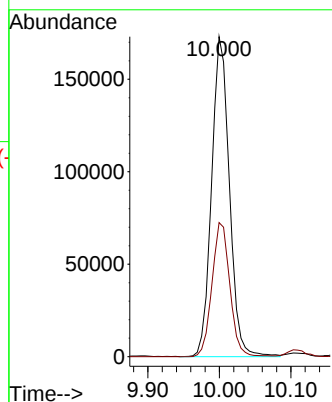
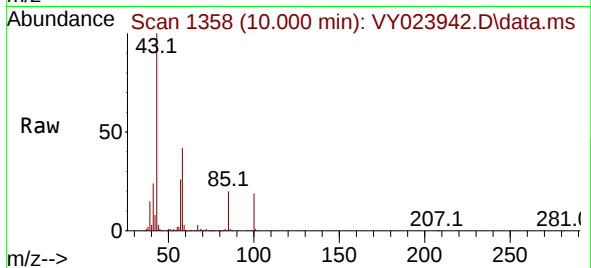
VY1211SBSD01

Tgt Ion: 43 Resp: 299147

Ion Ratio Lower Upper

43 100

58 42.1 33.1 49.7



#52

Toluene

Concen: 21.147 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY023942.D

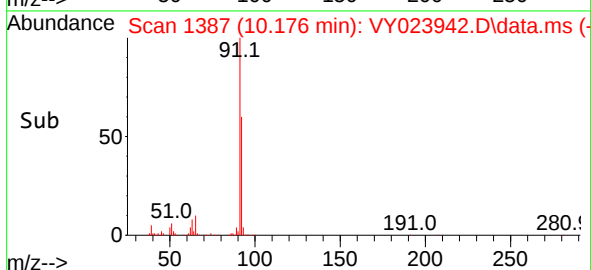
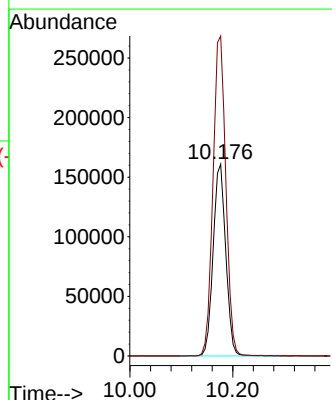
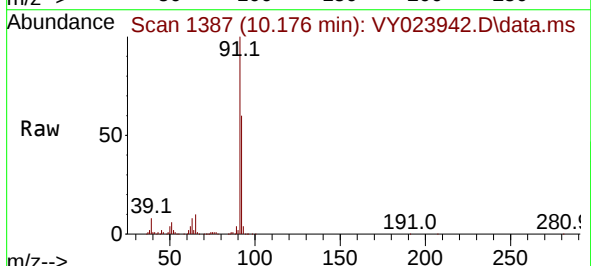
Acq: 11 Dec 2025 09:44

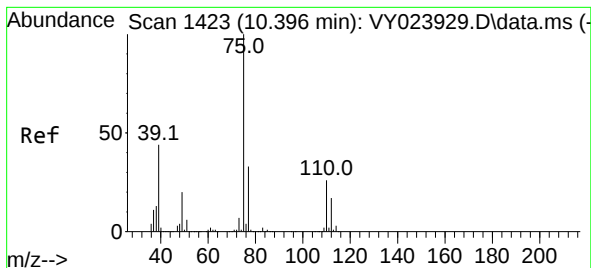
Tgt Ion: 92 Resp: 273765

Ion Ratio Lower Upper

92 100

91 169.8 135.8 203.6

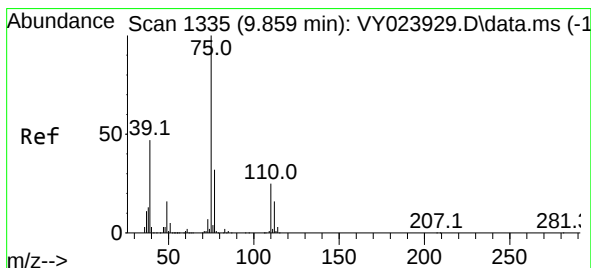
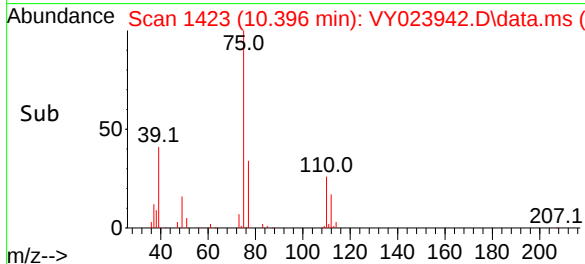
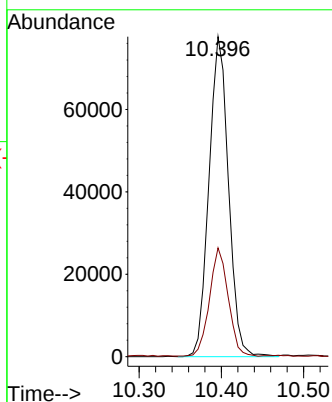
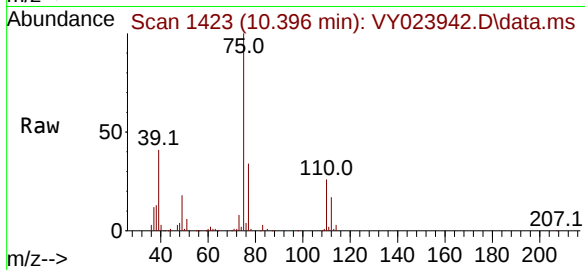




#53
 t-1,3-Dichloropropene
 Concen: 21.694 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

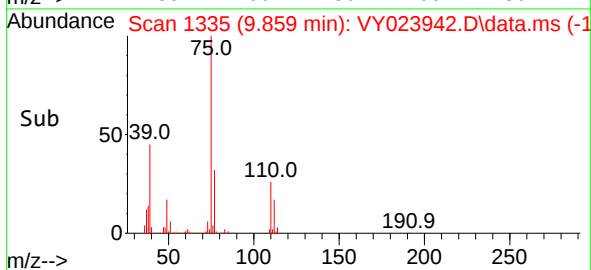
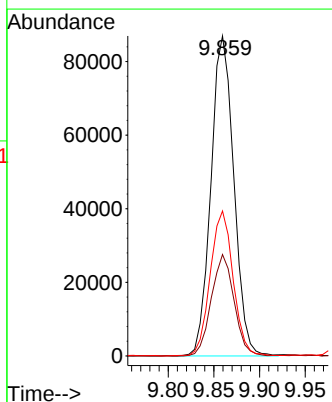
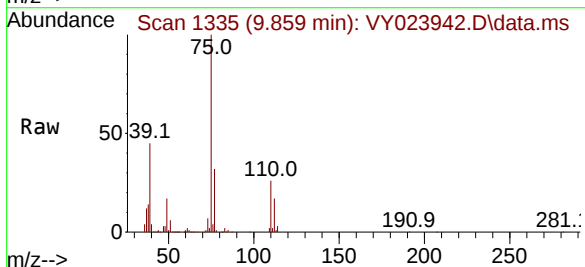
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD01

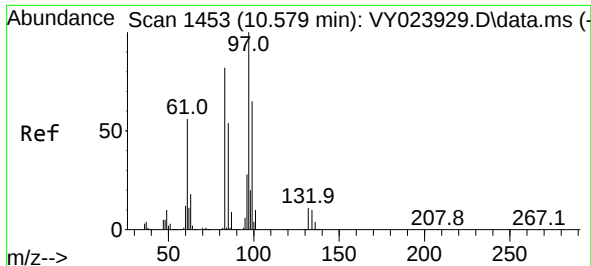
Tgt Ion: 75 Resp: 128219
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.768 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

Tgt Ion: 75 Resp: 151602
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 45.2 37.6 56.4

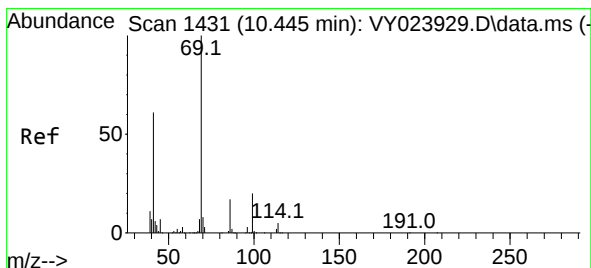
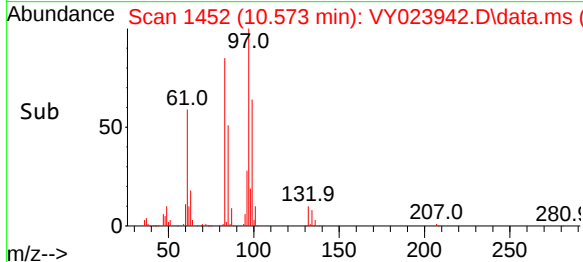
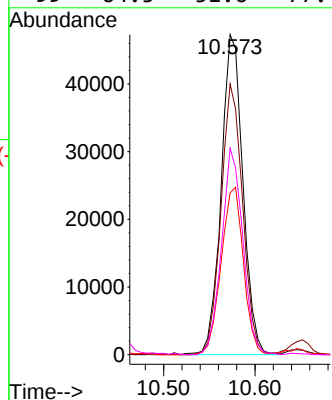
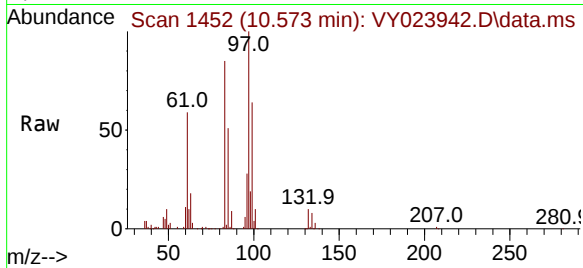




#55
1,1,2-Trichloroethane
Concen: 21.855 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

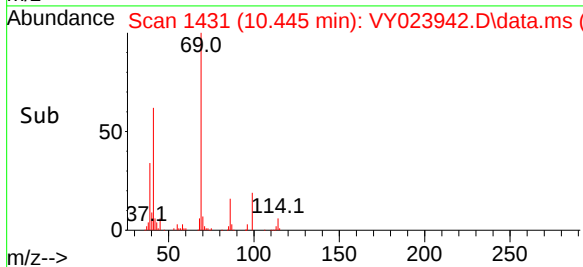
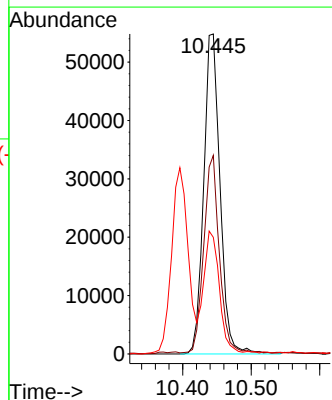
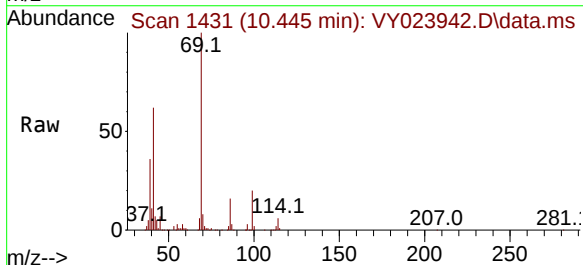
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

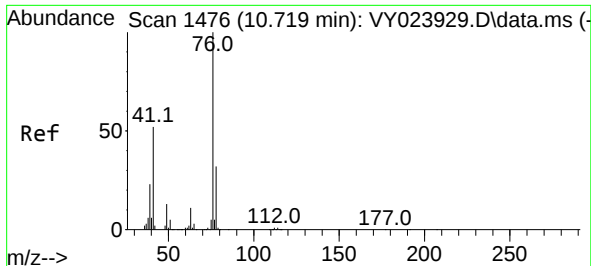
Tgt Ion: 97	Resp: 78201
Ion Ratio	Lower Upper
97 100	
83 84.6	65.8 98.6
85 50.6	43.1 64.7
99 64.5	51.6 77.4



#56
Ethyl methacrylate
Concen: 21.482 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 69	Resp: 91125
Ion Ratio	Lower Upper
69 100	
41 59.0	49.0 73.4
39 36.0	29.1 43.7





#57

1,3-Dichloropropane

Concen: 22.514 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

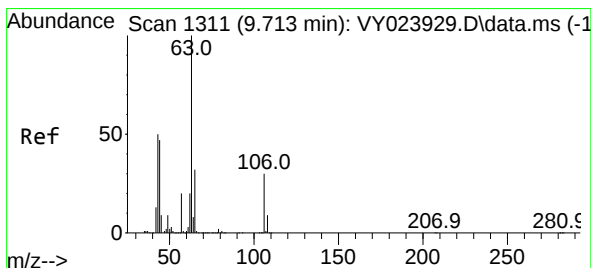
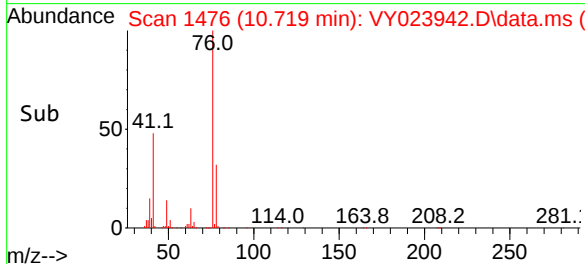
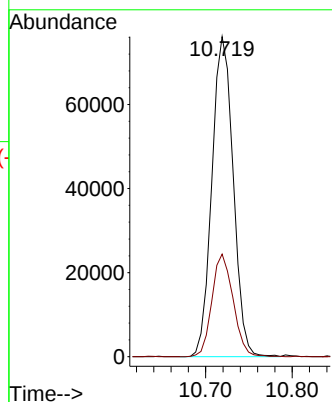
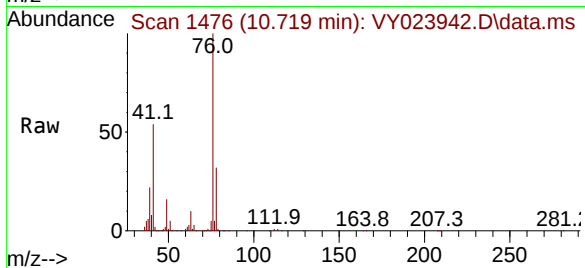
VY1211SBSD01

Tgt Ion: 76 Resp: 130293

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 109.507 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023942.D

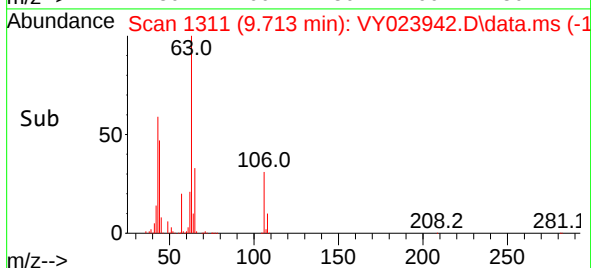
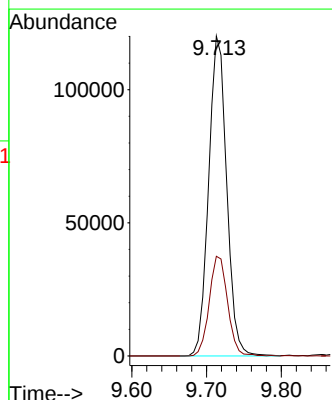
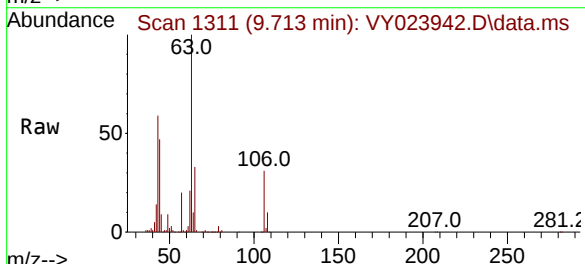
Acq: 11 Dec 2025 09:44

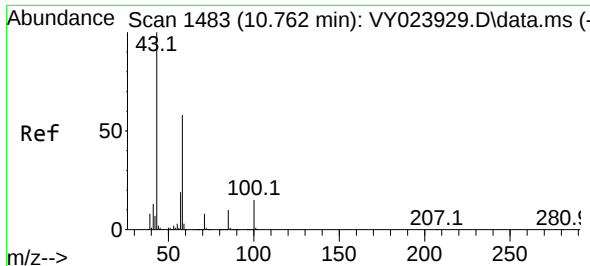
Tgt Ion: 63 Resp: 201216

Ion Ratio Lower Upper

63 100

106 31.7 25.2 37.8

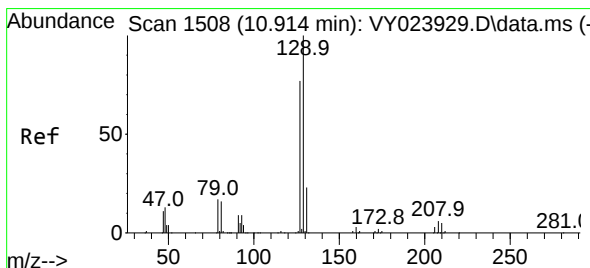
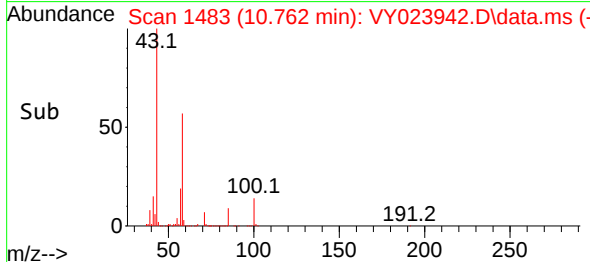
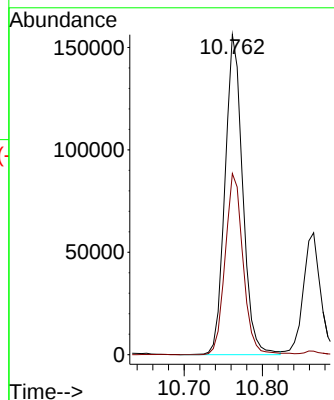
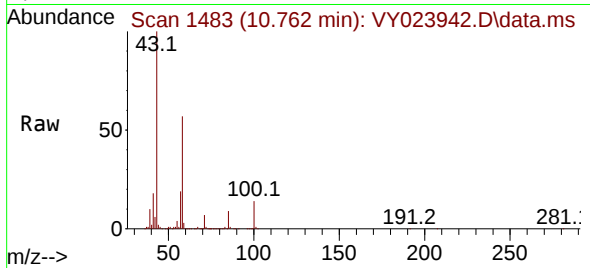




#59
2-Hexanone
Concen: 123.823 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

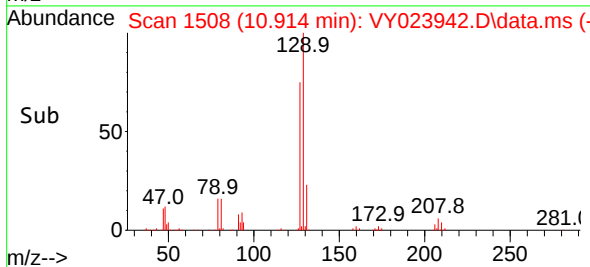
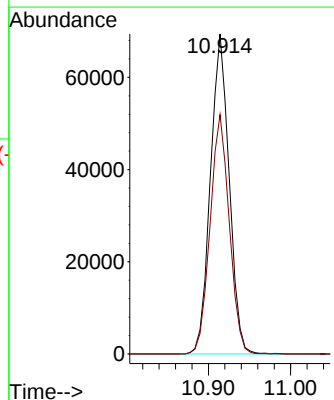
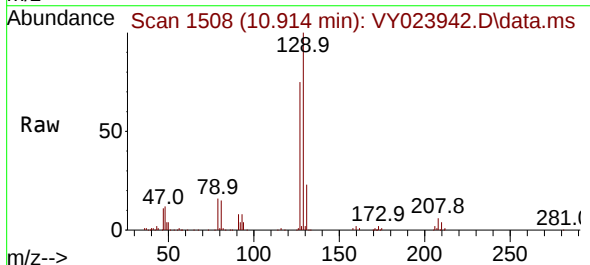
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

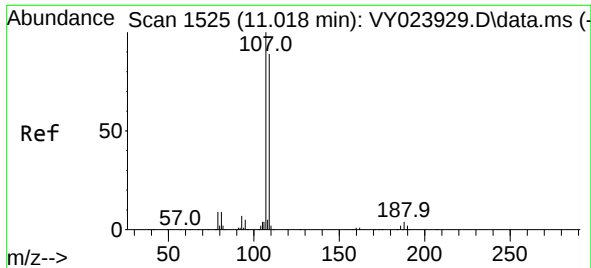
Tgt Ion: 43 Resp: 245326
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.0



#60
Dibromochloromethane
Concen: 22.148 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 129 Resp: 109723
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5

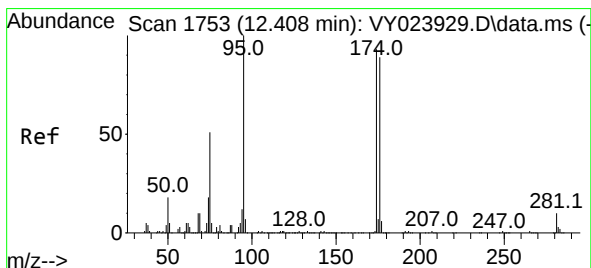
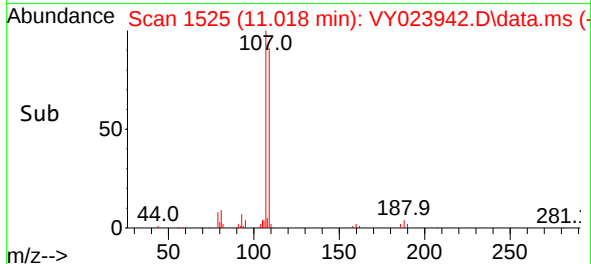
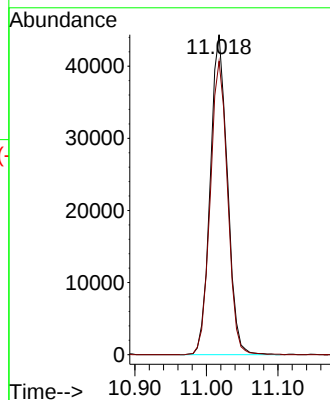
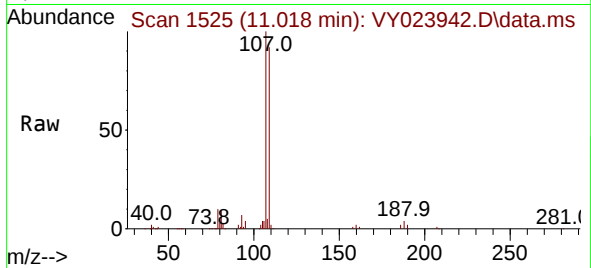




#61
1,2-Dibromoethane
Concen: 22.308 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

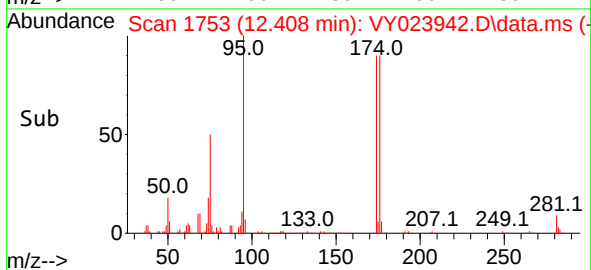
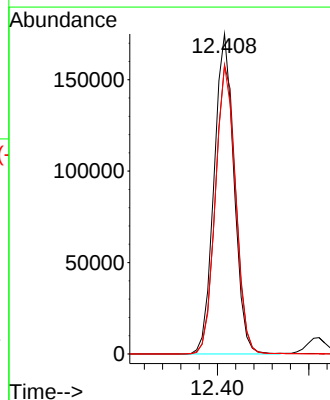
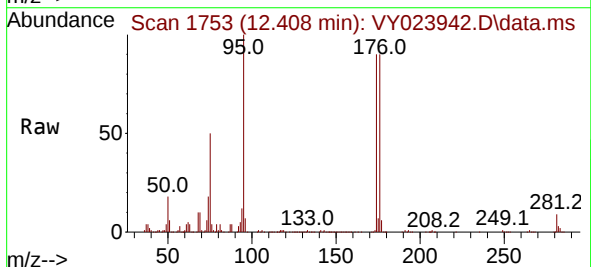
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

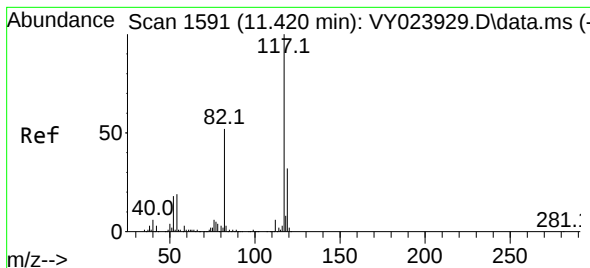
Tgt Ion:107 Resp: 73969
Ion Ratio Lower Upper
107 100
109 92.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 45.091 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 95 Resp: 264561
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.4
176 91.1 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

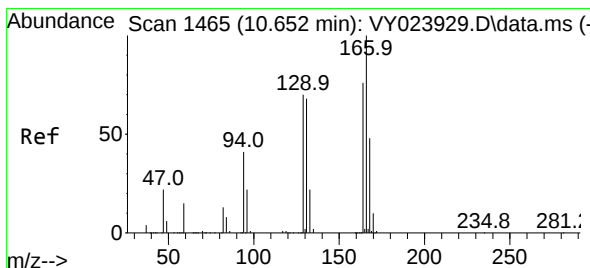
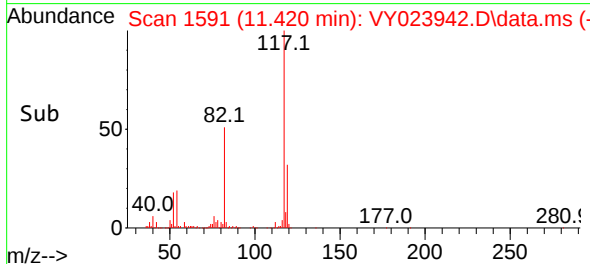
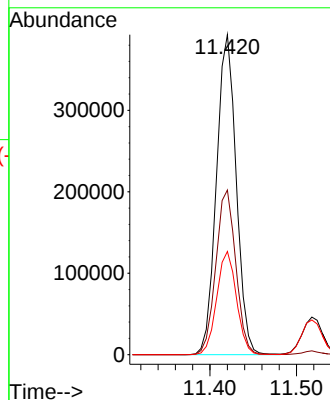
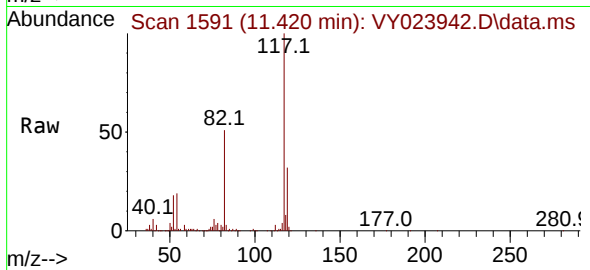
Tgt Ion:117 Resp: 623185

Ion Ratio Lower Upper

117 100

82 51.4 41.4 62.2

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 21.414 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Tgt Ion:164 Resp: 143366

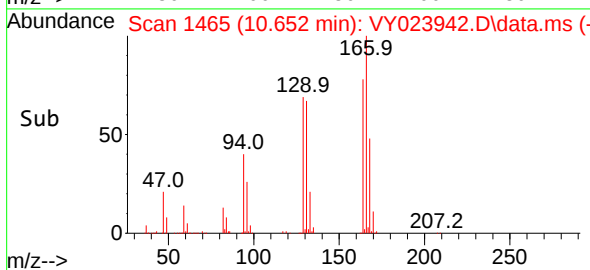
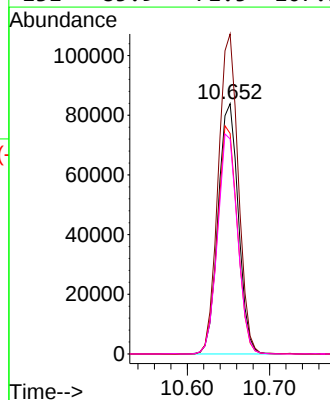
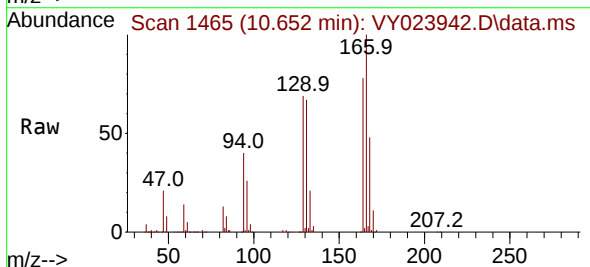
Ion Ratio Lower Upper

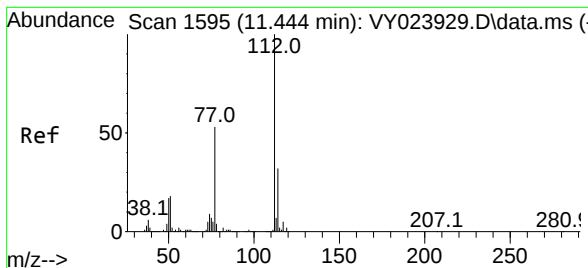
164 100

166 127.9 105.0 157.4

129 88.1 73.0 109.4

131 85.9 71.5 107.3

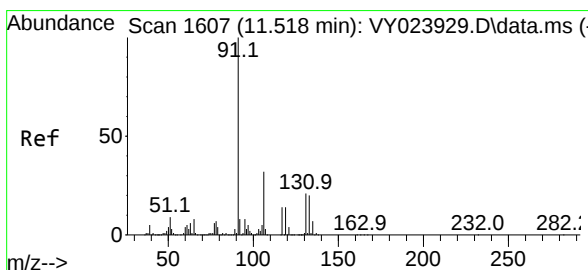
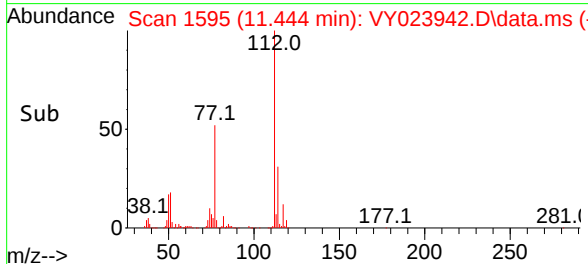
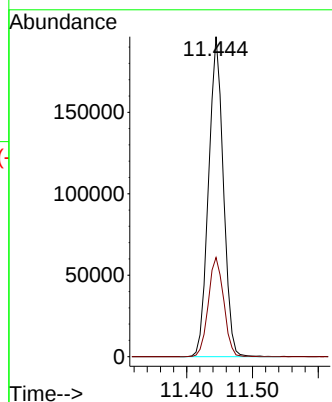
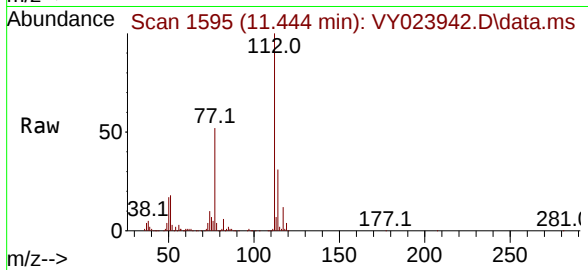




#65
Chlorobenzene
Concen: 21.261 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

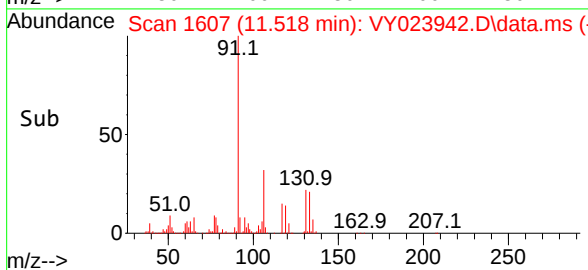
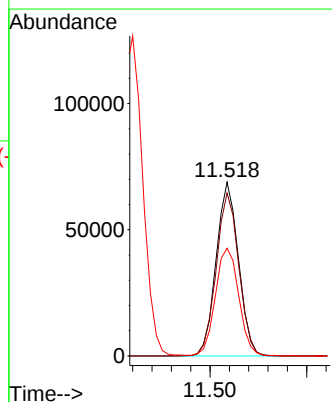
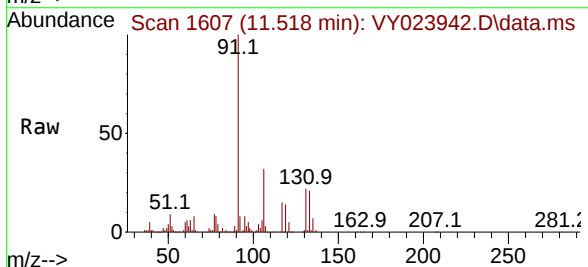
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

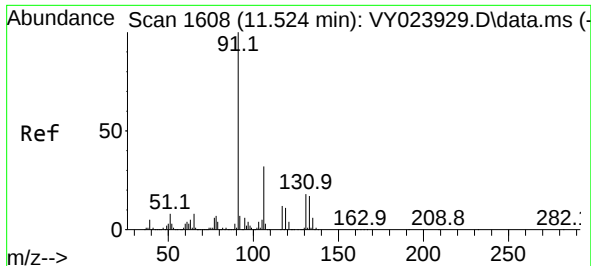
Tgt Ion:112 Resp: 307012
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.720 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion:131 Resp: 109997
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.3
119 65.0 33.1 99.2





#67

Ethyl Benzene

Concen: 20.661 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

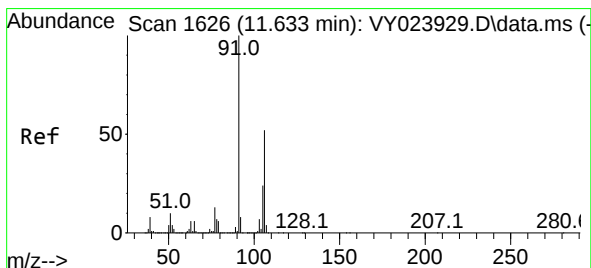
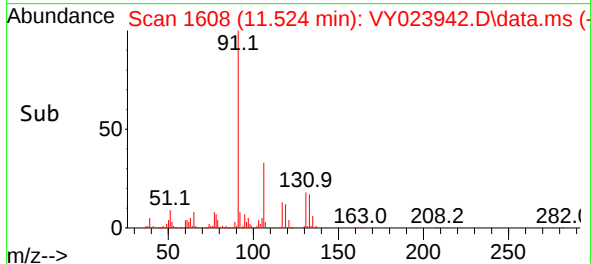
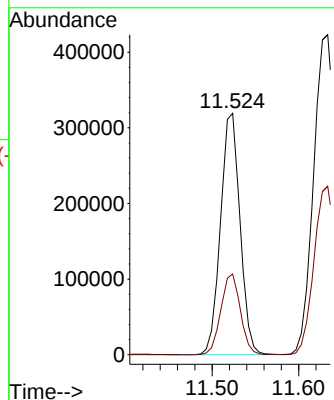
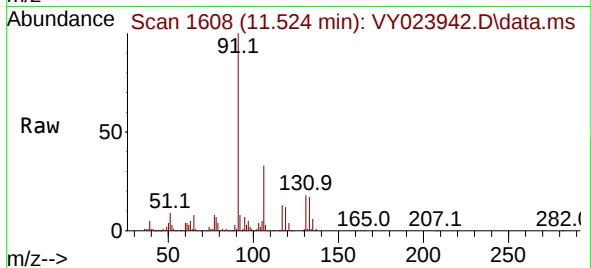
VY1211SBSD01

Tgt Ion: 91 Resp: 499879

Ion Ratio Lower Upper

91 100

106 33.4 25.8 38.8



#68

m/p-Xylenes

Concen: 42.390 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023942.D

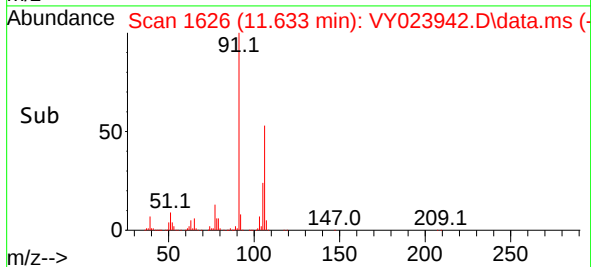
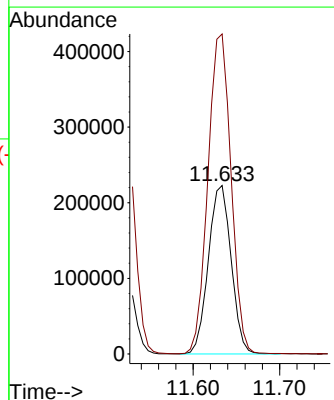
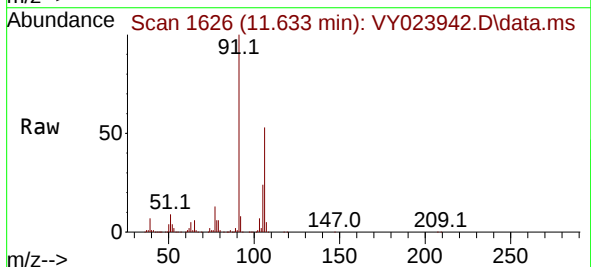
Acq: 11 Dec 2025 09:44

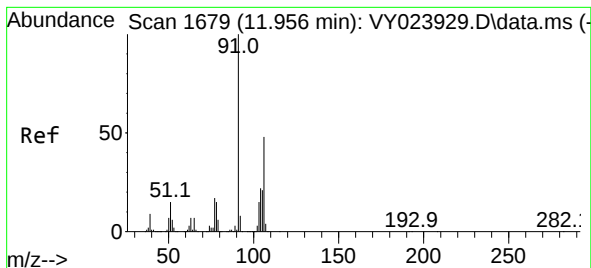
Tgt Ion:106 Resp: 407138

Ion Ratio Lower Upper

106 100

91 192.8 155.0 232.6





#69

o-Xylene

Concen: 21.204 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

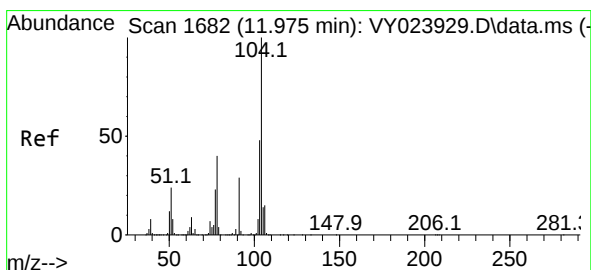
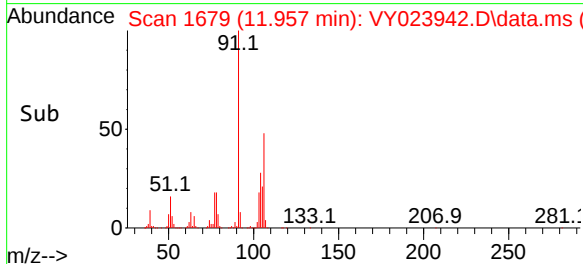
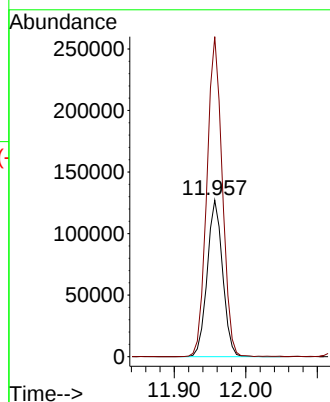
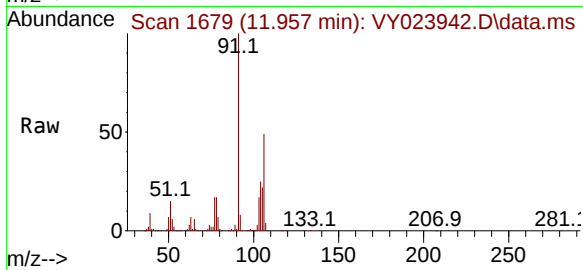
VY1211SBSD01

Tgt Ion:106 Resp: 190511

Ion Ratio Lower Upper

106 100

91 204.6 102.1 306.1



#70

Styrene

Concen: 21.487 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

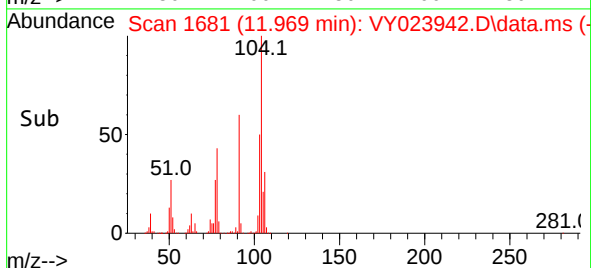
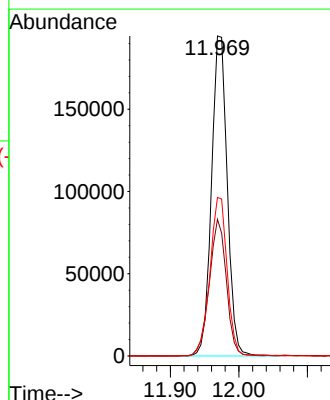
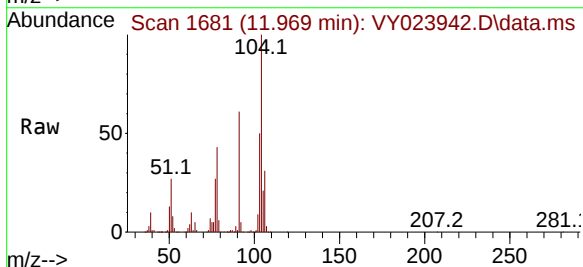
Tgt Ion:104 Resp: 311884

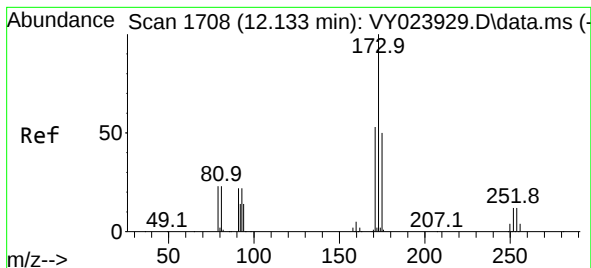
Ion Ratio Lower Upper

104 100

78 46.1 37.4 56.0

103 54.2 43.0 64.4





#71

Bromoform

Concen: 21.903 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

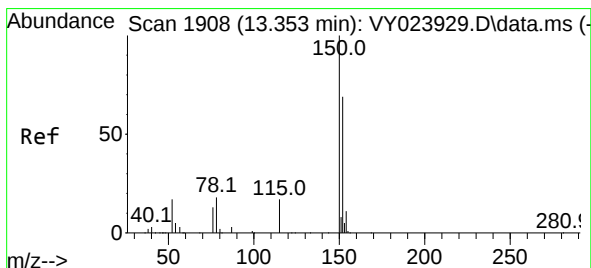
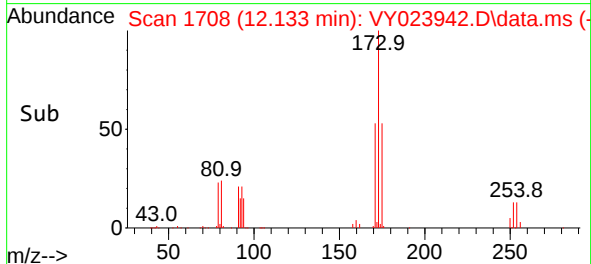
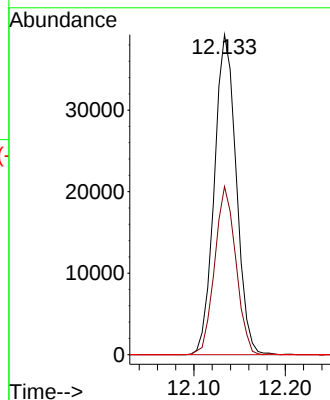
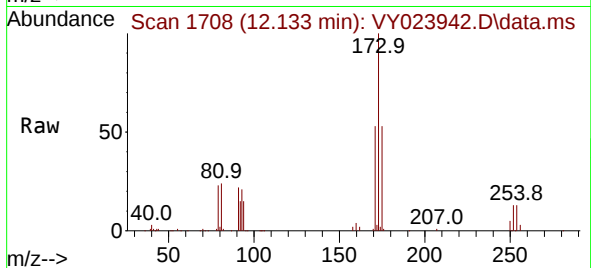
Tgt Ion:173 Resp: 65370

Ion Ratio Lower Upper

173 100

175 50.7 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

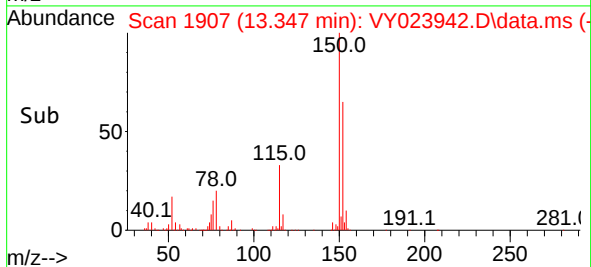
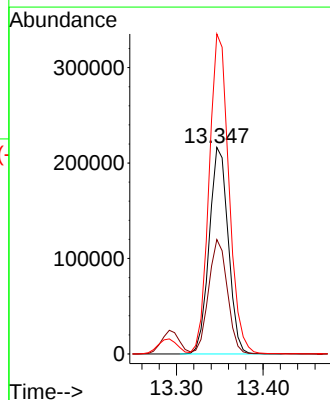
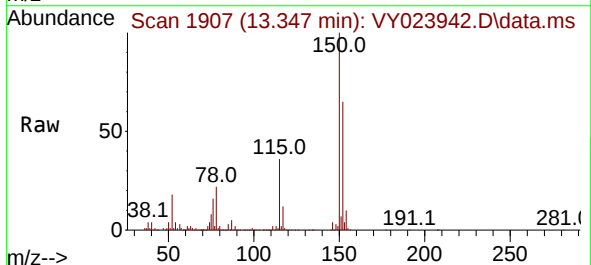
Tgt Ion:152 Resp: 329812

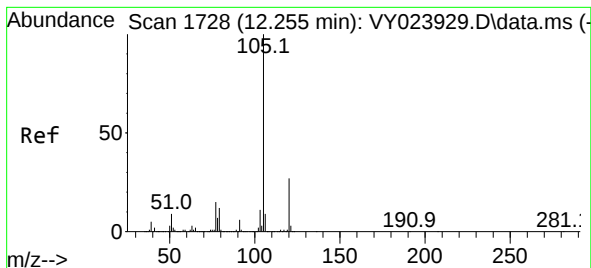
Ion Ratio Lower Upper

152 100

115 54.7 27.3 81.9

150 161.4 0.0 347.6





#73

Isopropylbenzene

Concen: 20.866 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

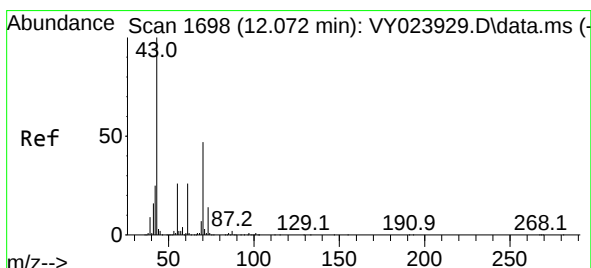
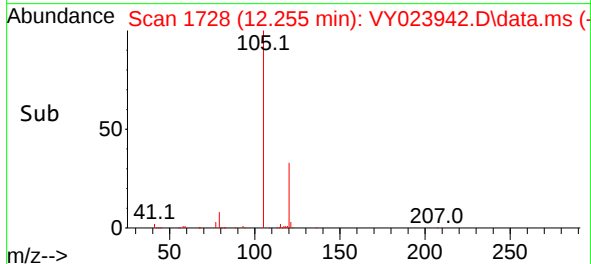
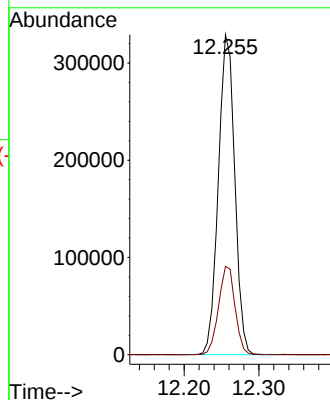
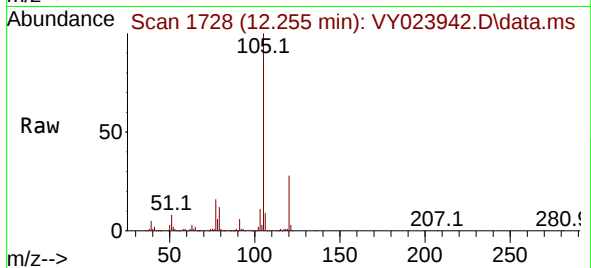
VY1211SBSD01

Tgt Ion:105 Resp: 502925

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.0



#74

N-ethyl acetate

Concen: 21.609 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Tgt Ion: 43 Resp: 92386

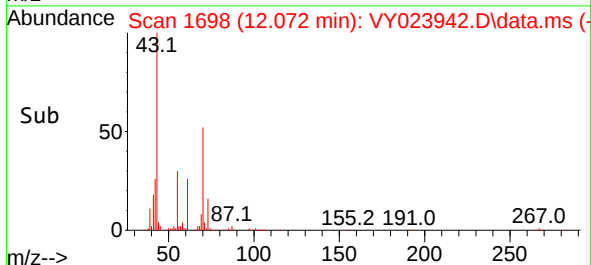
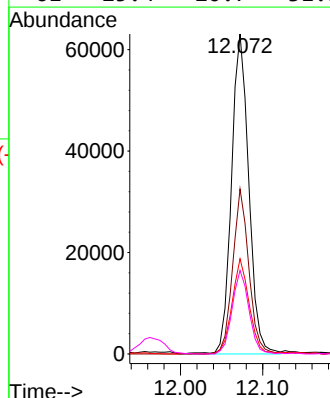
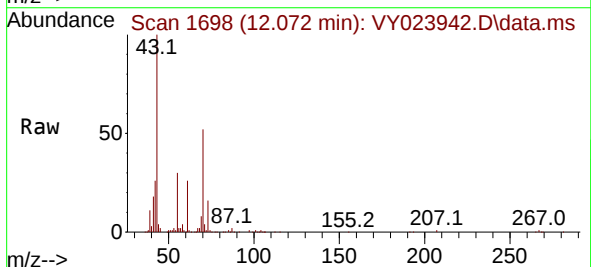
Ion Ratio Lower Upper

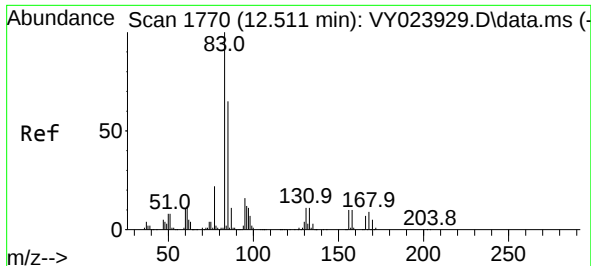
43 100

70 49.0 37.4 56.0

55 29.7 21.6 32.4

61 25.4 20.7 31.1

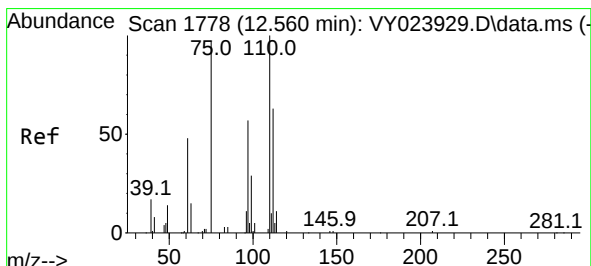
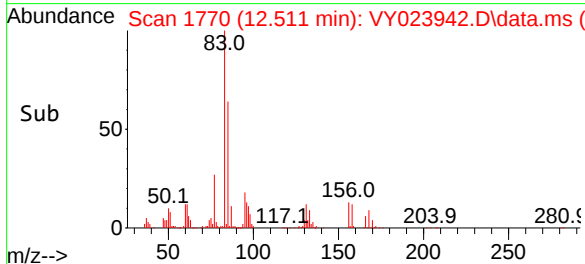
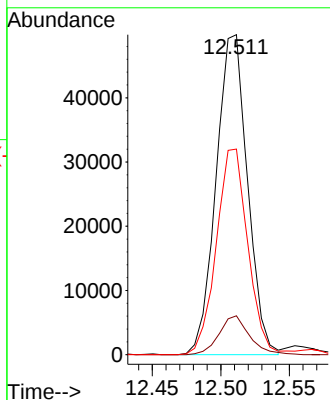
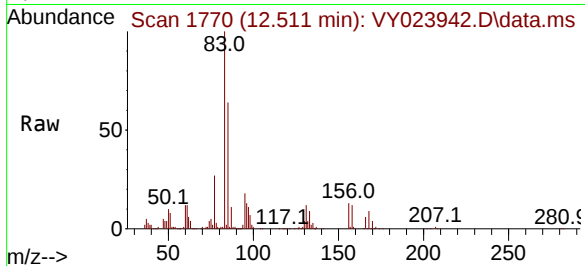




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.643 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

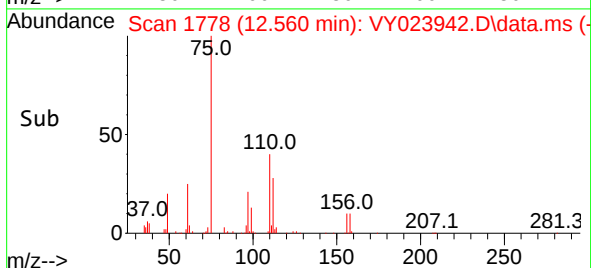
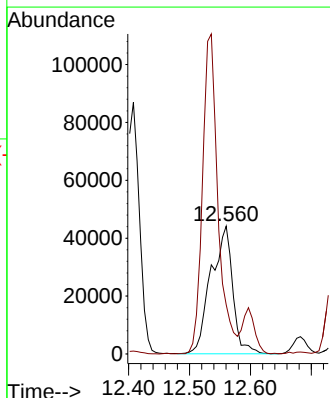
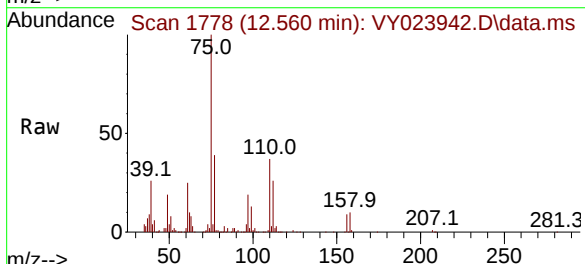
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD01

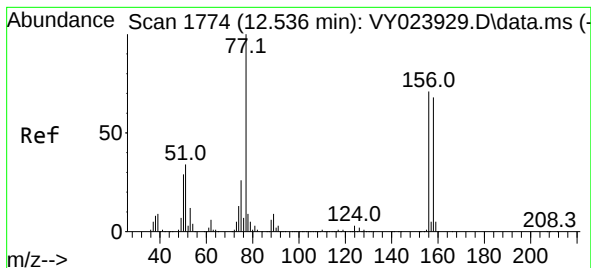
Tgt Ion: 83 Resp: 79434
 Ion Ratio Lower Upper
 83 100
 131 11.8 5.6 16.8
 85 64.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 39.364 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

Tgt Ion: 75 Resp: 109819
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.267 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

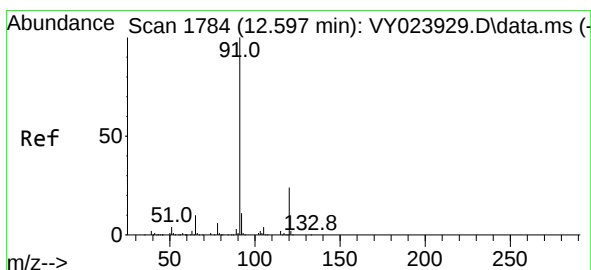
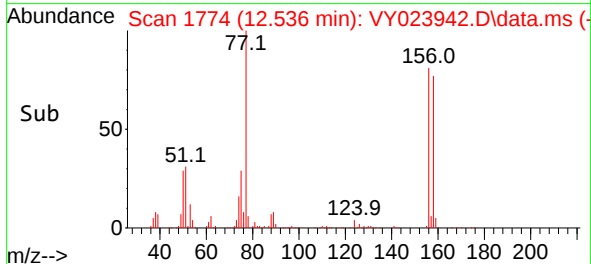
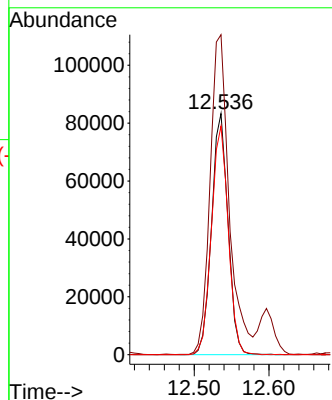
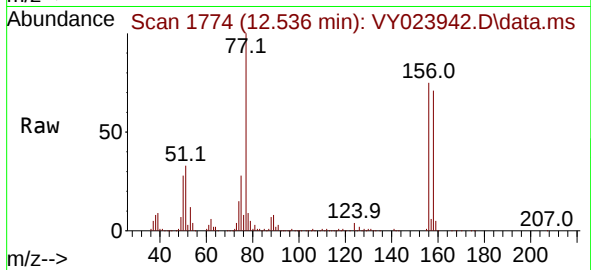
Tgt Ion:156 Resp: 127192

Ion Ratio Lower Upper

156 100

77 154.3 79.8 239.4

158 97.2 48.0 144.2



#78

n-propylbenzene

Concen: 20.855 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023942.D

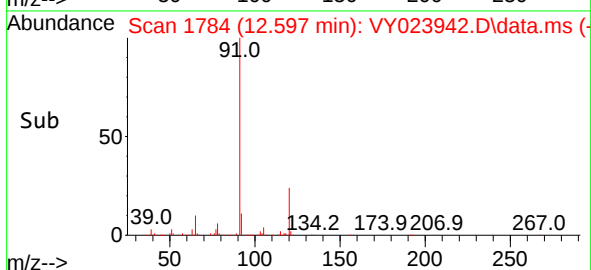
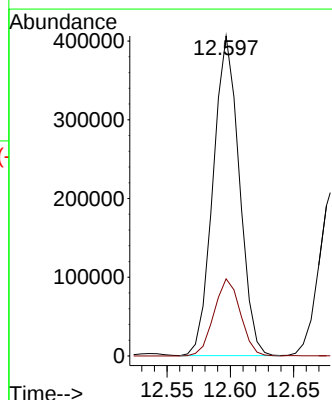
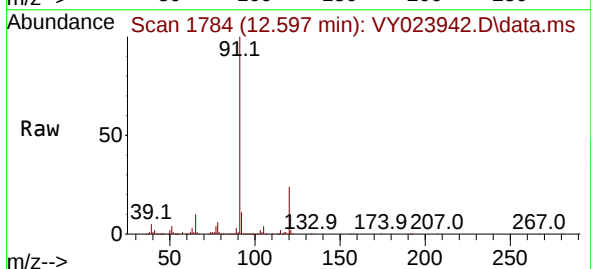
Acq: 11 Dec 2025 09:44

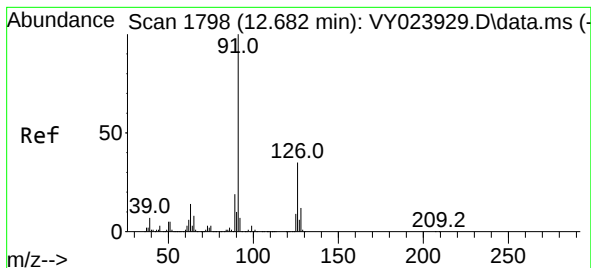
Tgt Ion: 91 Resp: 584849

Ion Ratio Lower Upper

91 100

120 24.3 12.0 36.0

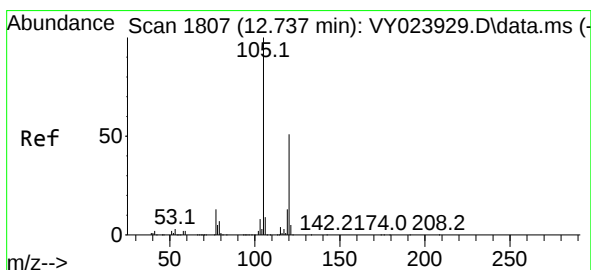
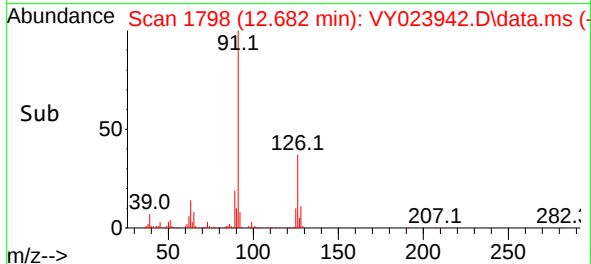
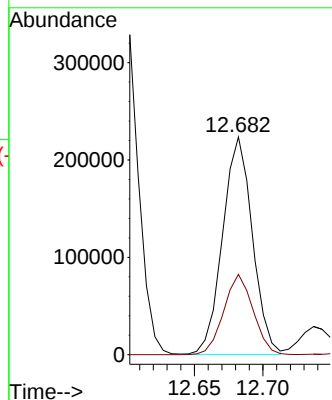
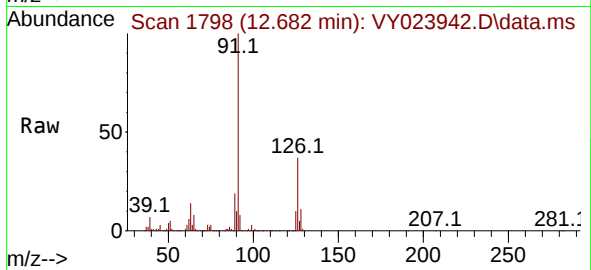




#79
2-Chlorotoluene
Concen: 21.189 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

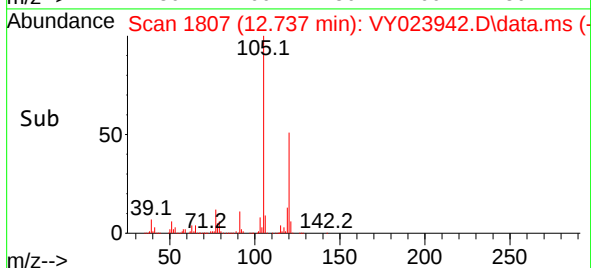
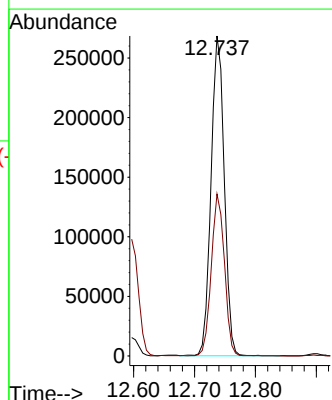
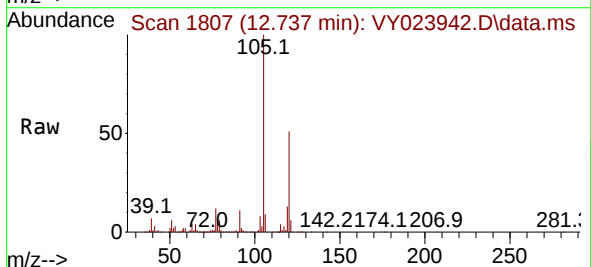
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

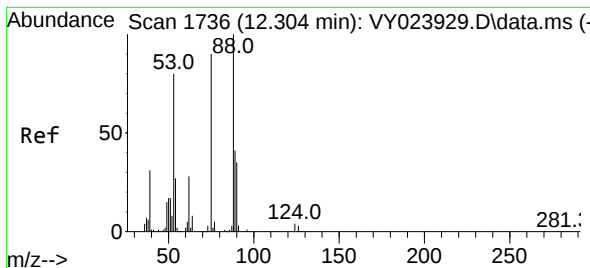
Tgt Ion: 91 Resp: 337532
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 21.063 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 105 Resp: 405032
Ion Ratio Lower Upper
105 100
120 50.1 25.7 77.1

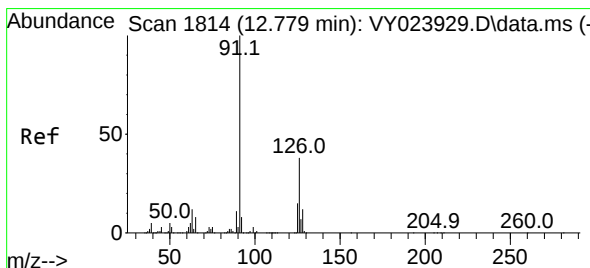
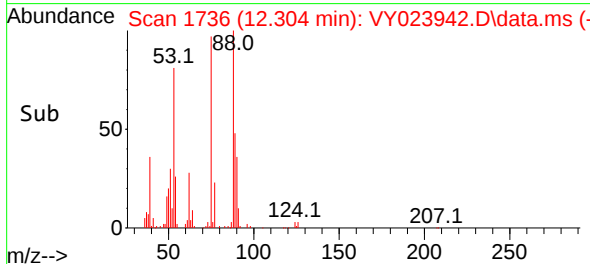
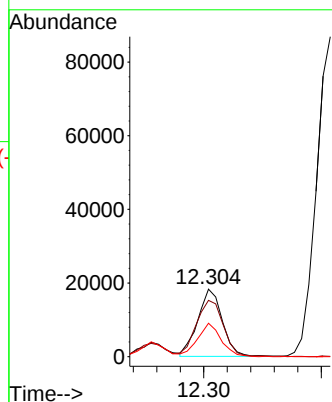
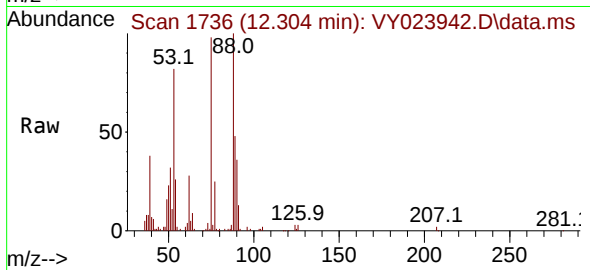




#81
trans-1,4-Dichloro-2-butene
Concen: 21.593 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

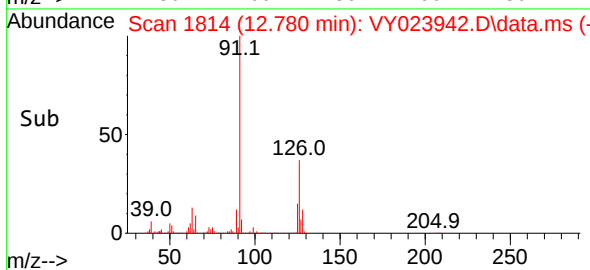
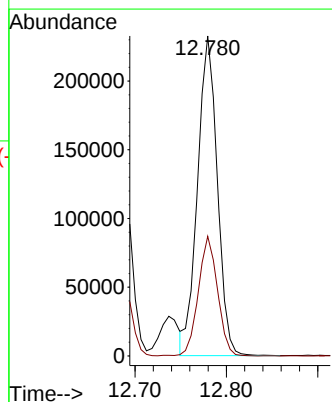
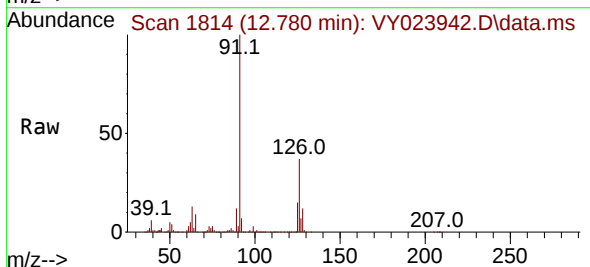
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

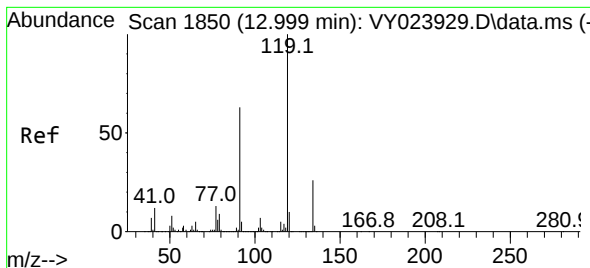
Tgt Ion: 75 Resp: 26465
Ion Ratio Lower Upper
75 100
53 94.3 73.4 110.0
89 47.6 38.9 58.3



#82
4-Chlorotoluene
Concen: 21.286 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion: 91 Resp: 349062
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.1





#83

tert-Butylbenzene

Concen: 21.274 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

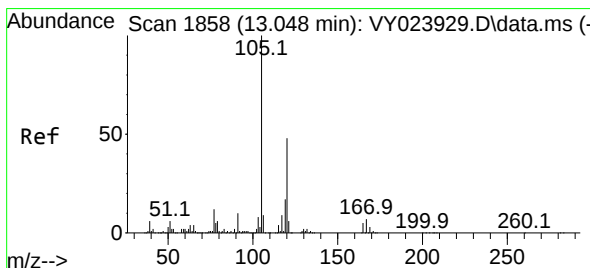
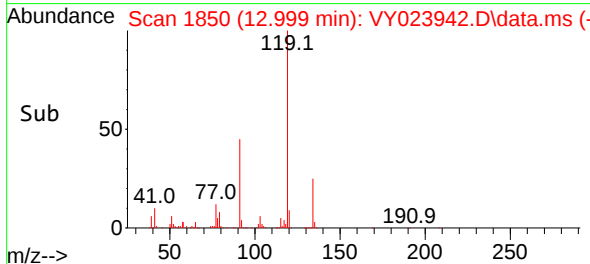
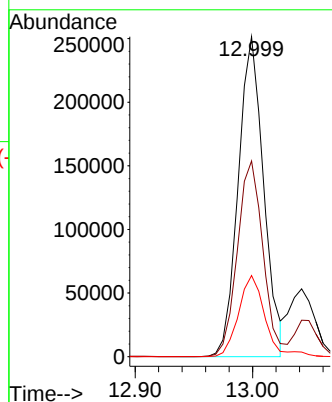
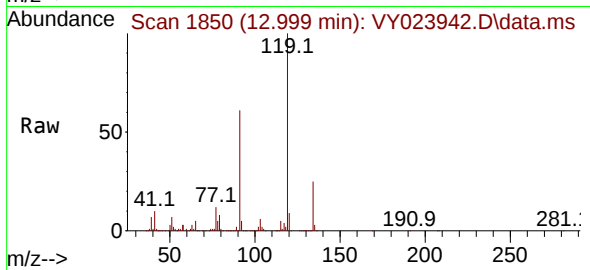
Tgt Ion:119 Resp: 377969

Ion Ratio Lower Upper

119 100

91 62.2 31.6 94.7

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.961 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY023942.D

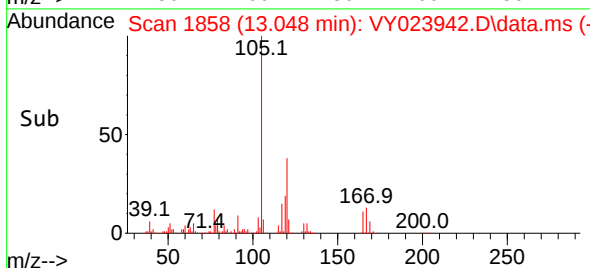
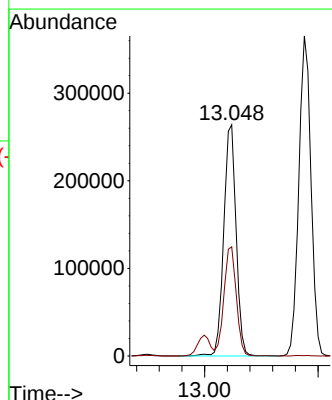
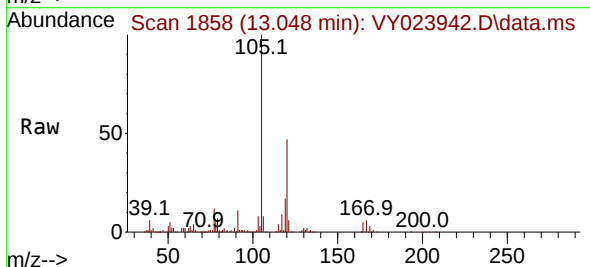
Acq: 11 Dec 2025 09:44

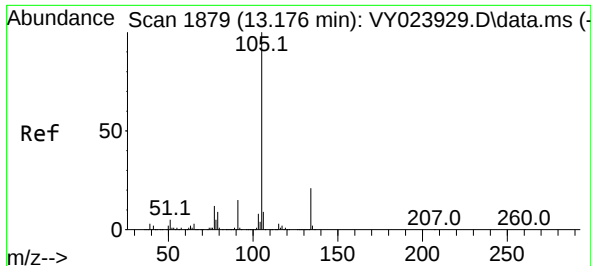
Tgt Ion:105 Resp: 399284

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3

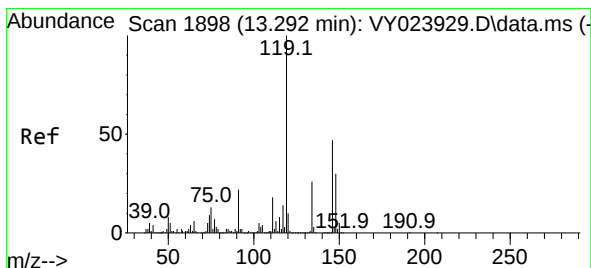
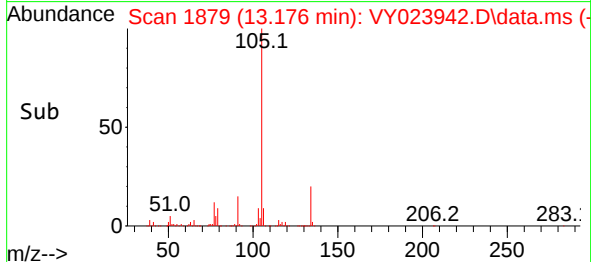
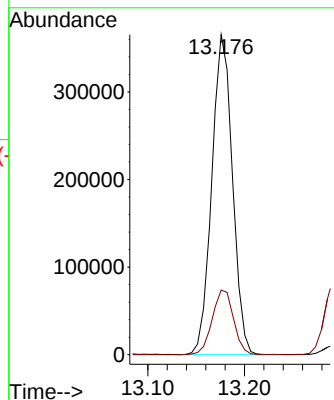
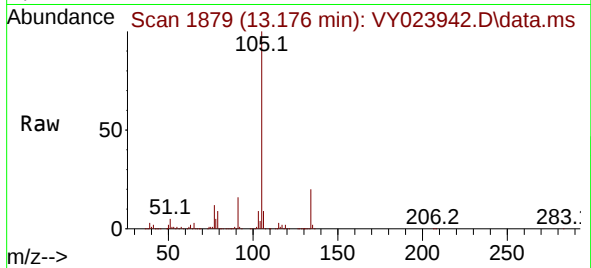




#85
 sec-Butylbenzene
 Concen: 20.916 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

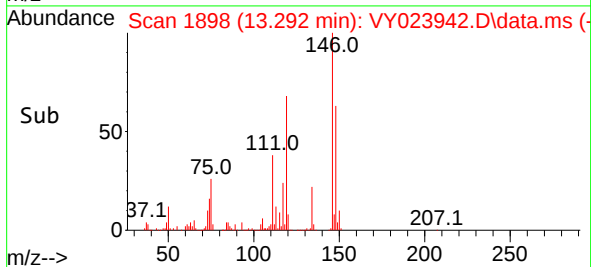
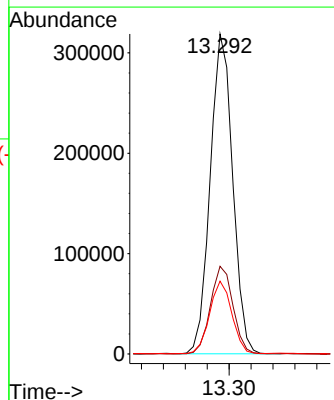
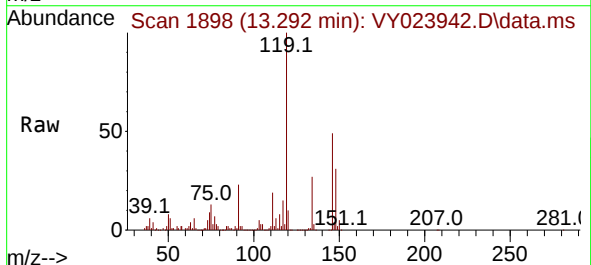
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD01

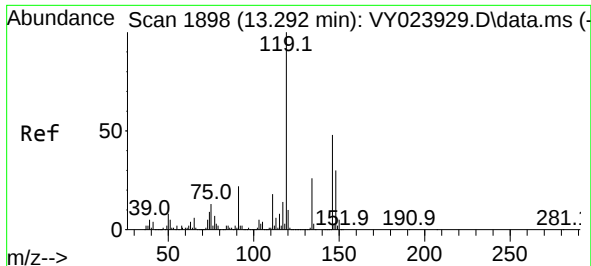
Tgt Ion:105 Resp: 542089
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 20.687 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

Tgt Ion:119 Resp: 453815
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.6 40.7
 91 22.3 11.1 33.3

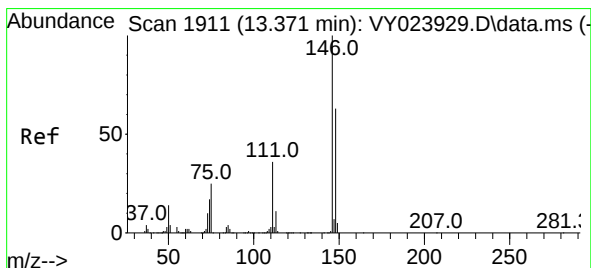
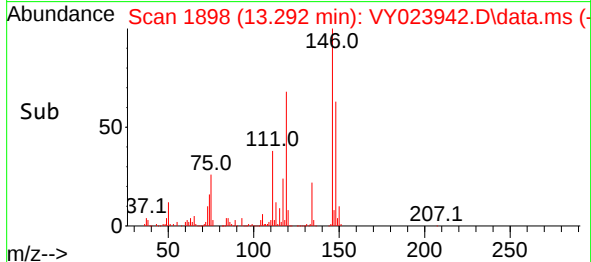
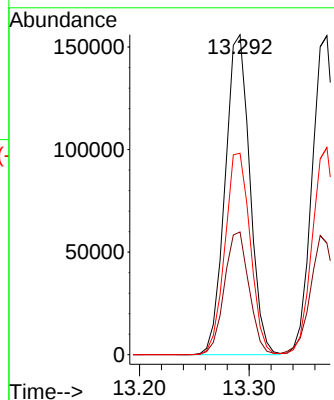
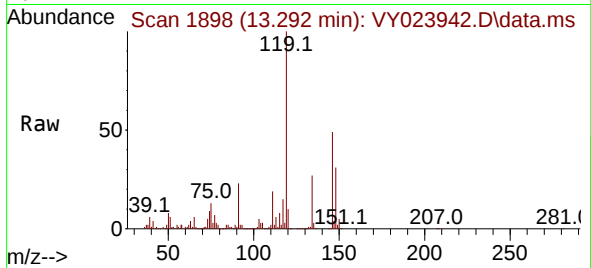




#87
 1,3-Dichlorobenzene
 Concen: 20.982 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

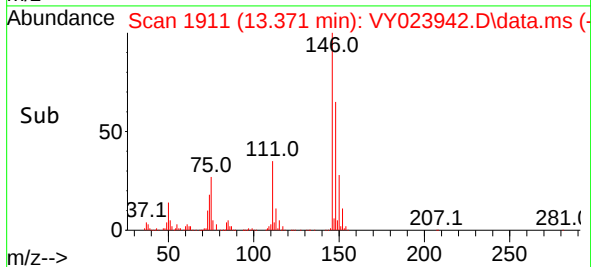
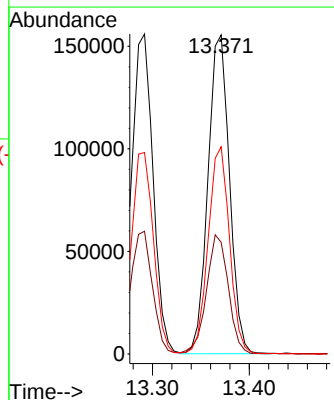
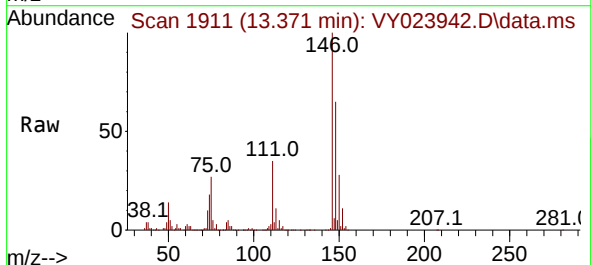
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD01

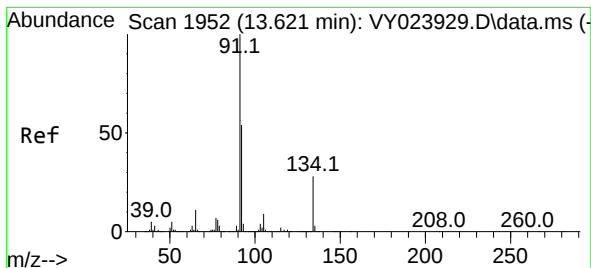
Tgt Ion:146 Resp: 243685
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 64.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.021 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY023942.D
 Acq: 11 Dec 2025 09:44

Tgt Ion:146 Resp: 240654
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.4 55.0
 148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 20.618 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

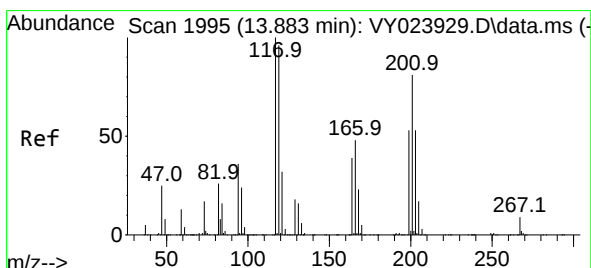
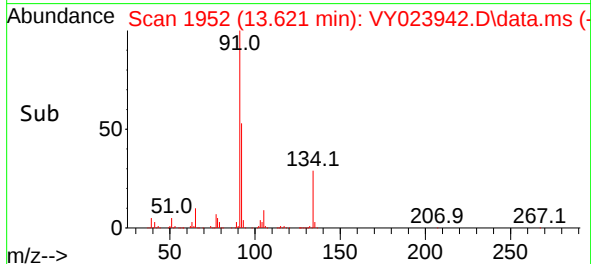
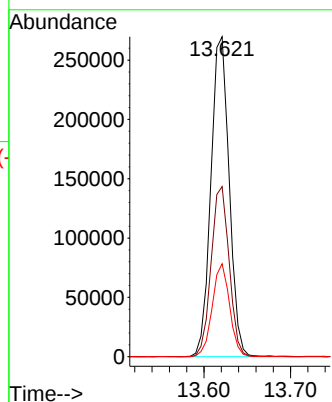
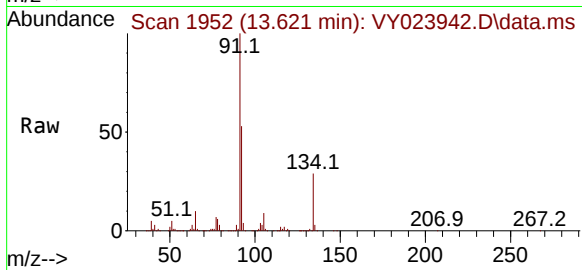
Tgt Ion: 91 Resp: 395721

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.6

134 27.6 13.9 41.6



#90

Hexachloroethane

Concen: 21.081 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023942.D

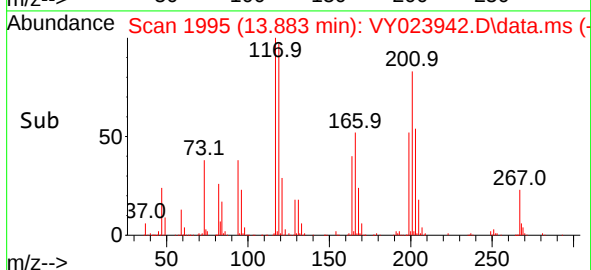
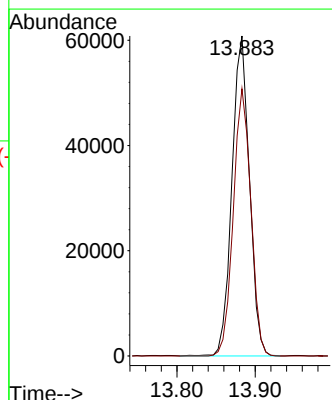
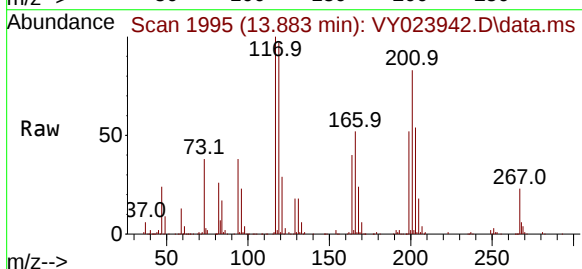
Acq: 11 Dec 2025 09:44

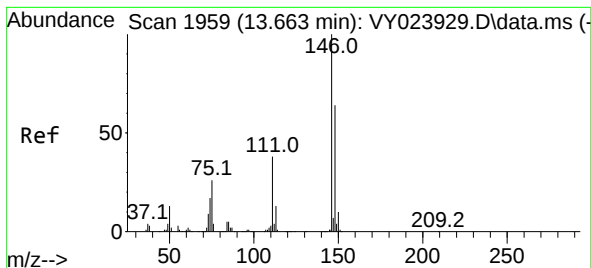
Tgt Ion: 117 Resp: 94372

Ion Ratio Lower Upper

117 100

201 83.4 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 21.502 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

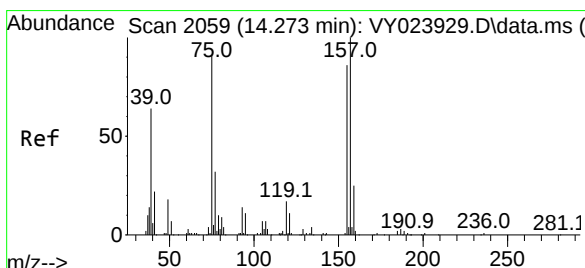
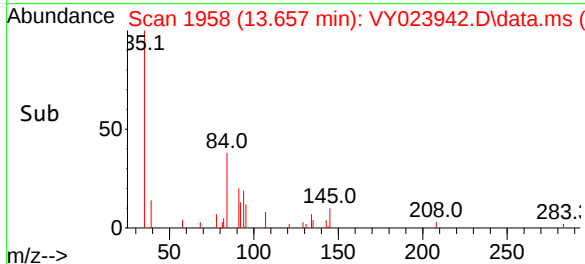
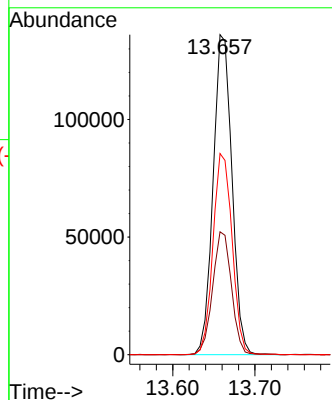
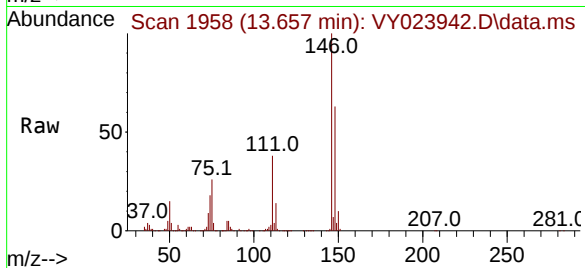
Tgt Ion:146 Resp: 216364

Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.484 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

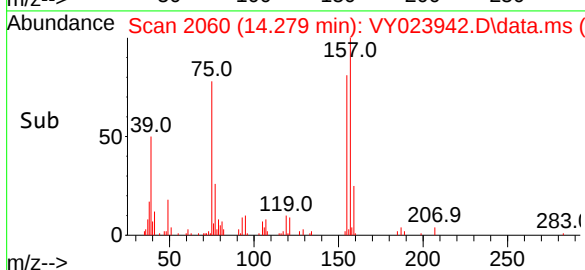
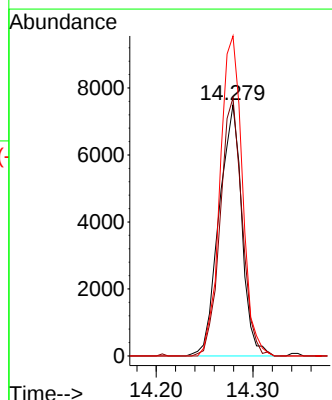
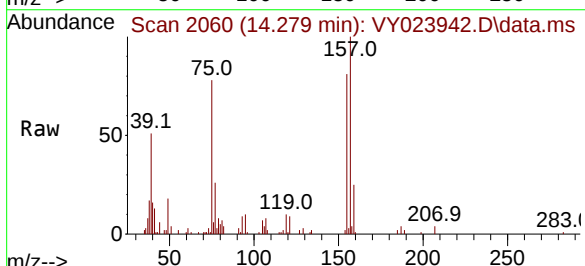
Tgt Ion: 75 Resp: 12208

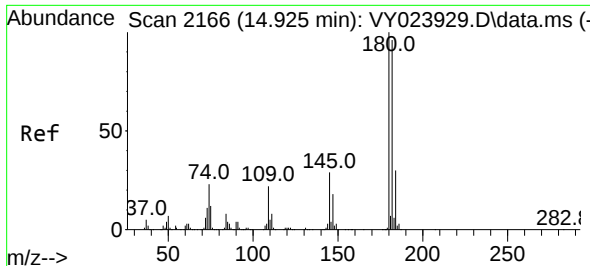
Ion Ratio Lower Upper

75 100

155 98.3 50.2 150.7

157 124.5 62.8 188.5

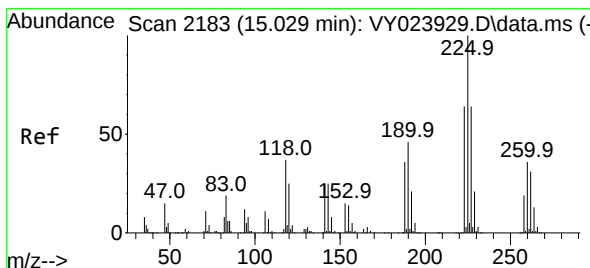
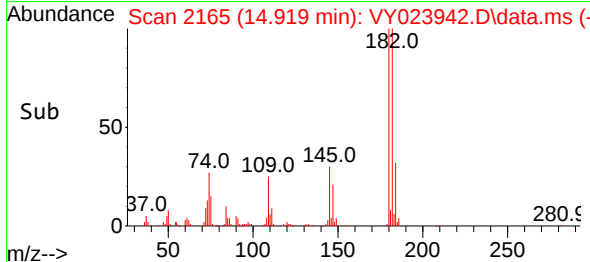
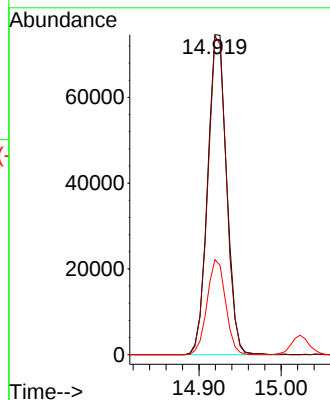
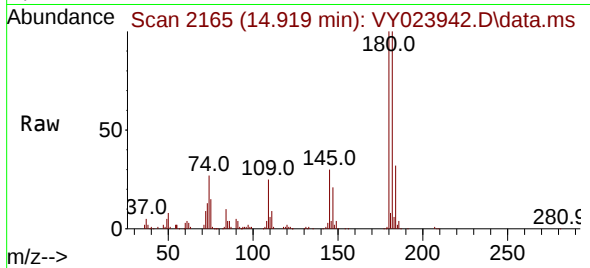




#93
1,2,4-Trichlorobenzene
Concen: 20.250 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

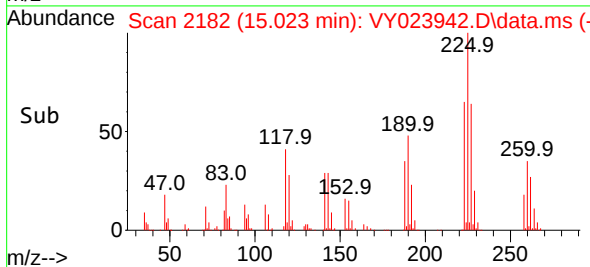
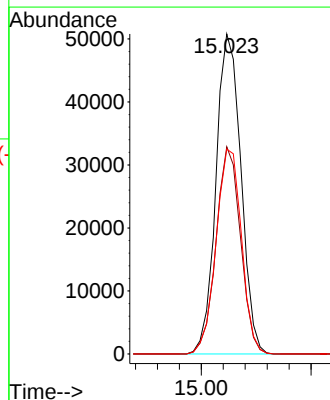
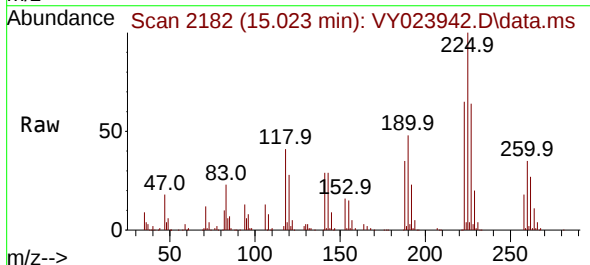
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD01

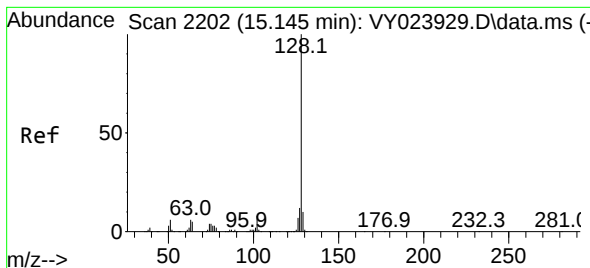
Tgt Ion:180 Resp: 119760
Ion Ratio Lower Upper
180 100
182 97.5 47.6 142.9
145 29.0 14.8 44.4



#94
Hexachlorobutadiene
Concen: 20.713 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY023942.D
Acq: 11 Dec 2025 09:44

Tgt Ion:225 Resp: 80297
Ion Ratio Lower Upper
225 100
223 63.5 31.6 95.0
227 65.2 31.7 95.1





#95

Naphthalene

Concen: 20.432 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD01

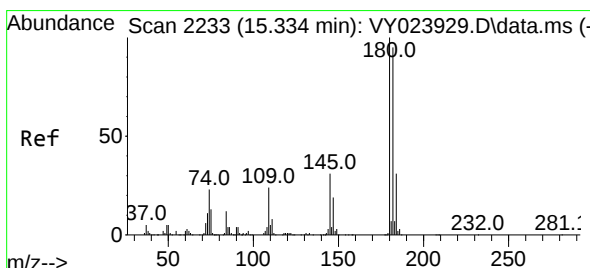
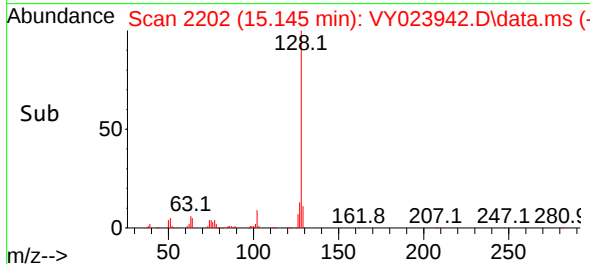
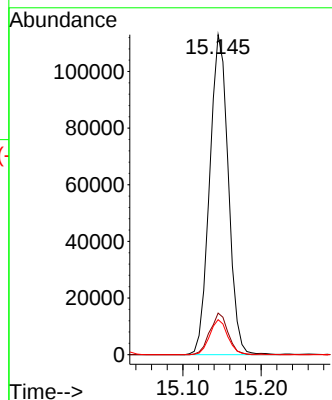
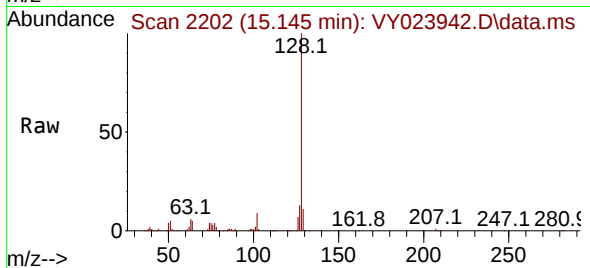
Tgt Ion:128 Resp: 186846

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.647 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY023942.D

Acq: 11 Dec 2025 09:44

Tgt Ion:180 Resp: 103912

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.4

145 31.0 15.6 46.8

