

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023880.D
 Acq On : 04 Dec 2025 09:27
 Operator : SY/MD
 Sample : VY1204SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

Quant Time: Dec 05 01:42:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	492573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	759170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	646875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	334707	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	232688	47.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.440%
35) Dibromofluoromethane	7.640	113	223003	45.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.109	98	858194	45.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.580%
62) 4-Bromofluorobenzene	12.408	95	280172	43.352	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	71136	19.093	ug/l	99
3) Chloromethane	2.074	50	94830	17.843	ug/l	99
4) Vinyl Chloride	2.214	62	109234	18.019	ug/l	100
5) Bromomethane	2.599	94	84328	19.265	ug/l	100
6) Chloroethane	2.745	64	74859	18.213	ug/l	97
7) Trichlorofluoromethane	3.068	101	158121	18.654	ug/l	98
8) Diethyl Ether	3.464	74	50916	20.050	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	95685	18.841	ug/l	99
10) Methyl Iodide	4.013	142	90797	17.777	ug/l	99
11) Tert butyl alcohol	4.873	59	40974	108.587	ug/l	99
12) 1,1-Dichloroethene	3.800	96	88349	18.618	ug/l	96
13) Acrolein	3.659	56	38311	124.539	ug/l	100
14) Allyl chloride	4.391	41	138400	18.242	ug/l	99
15) Acrylonitrile	5.074	53	115242	104.268	ug/l	99
16) Acetone	3.879	43	172548	116.860	ug/l	99
17) Carbon Disulfide	4.117	76	233987	16.689	ug/l	100
18) Methyl Acetate	4.397	43	55566	22.186	ug/l	99
19) Methyl tert-butyl Ether	5.129	73	241956	20.299	ug/l	97
20) Methylene Chloride	4.623	84	105061	18.580	ug/l	94
21) trans-1,2-Dichloroethene	5.129	96	96083	18.352	ug/l	97
22) Diisopropyl ether	6.025	45	329075	19.700	ug/l	95
23) Vinyl Acetate	5.970	43	909910	98.266	ug/l	99
24) 1,1-Dichloroethane	5.927	63	185830	19.253	ug/l	98
25) 2-Butanone	6.903	43	197536	110.977	ug/l	96
26) 2,2-Dichloropropane	6.897	77	165030	18.656	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	115147	18.941	ug/l	99
28) Bromochloromethane	7.250	49	76366	20.707	ug/l	100
29) Tetrahydrofuran	7.275	42	95711	103.972	ug/l	99
30) Chloroform	7.427	83	188876	19.366	ug/l	97
31) Cyclohexane	7.707	56	163029	17.666	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	167697	19.048	ug/l	99
36) 1,1-Dichloropropene	7.842	75	132048	18.392	ug/l	100
37) Ethyl Acetate	6.988	43	69016	20.817	ug/l	98
38) Carbon Tetrachloride	7.823	117	152102	19.195	ug/l	99
39) Methylcyclohexane	9.110	83	164047	17.553	ug/l	99
40) Benzene	8.085	78	409970	18.891	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023880.D
 Acq On : 04 Dec 2025 09:27
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 01:42:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	30839	18.045	ug/l #	93
42) 1,2-Dichloroethane	8.165	62	113328	20.012	ug/l	99
43) Isopropyl Acetate	8.201	43	126180	20.342	ug/l	98
44) Trichloroethene	8.872	130	107333	19.222	ug/l	96
45) 1,2-Dichloropropane	9.146	63	100573	19.573	ug/l	95
46) Dibromomethane	9.232	93	56455	20.294	ug/l	98
47) Bromodichloromethane	9.427	83	143574	19.562	ug/l	99
48) Methyl methacrylate	9.225	41	56031	19.335	ug/l	95
49) 1,4-Dioxane	9.238	88	12546	405.602	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	343882	105.427	ug/l	100
52) Toluene	10.176	92	257750	18.966	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	127993	19.323	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	150967	19.354	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	75508	20.108	ug/l	97
56) Ethyl methacrylate	10.439	69	93957	19.867	ug/l	99
57) 1,3-Dichloropropane	10.719	76	129551	20.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	234179	107.169	ug/l	99
59) 2-Hexanone	10.762	43	277513	112.808	ug/l	99
60) Dibromochloromethane	10.914	129	99737	19.807	ug/l	99
61) 1,2-Dibromoethane	11.018	107	69400	20.279	ug/l	97
64) Tetrachloroethene	10.652	164	125502	19.826	ug/l	96
65) Chlorobenzene	11.445	112	285051	19.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	98303	19.514	ug/l	99
67) Ethyl Benzene	11.524	91	484528	18.983	ug/l	100
68) m/p-Xylenes	11.634	106	376283	38.569	ug/l	100
69) o-Xylene	11.957	106	173745	19.040	ug/l	97
70) Styrene	11.969	104	290271	19.297	ug/l	100
71) Bromoform	12.133	173	59329	20.844	ug/l #	99
73) Isopropylbenzene	12.255	105	467465	18.956	ug/l	100
74) N-amyl acetate	12.072	43	104767	19.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	83188	20.908	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	113160	34.103	ug/l #	100
77) Bromobenzene	12.536	156	111134	19.405	ug/l	100
78) n-propylbenzene	12.597	91	563465	18.935	ug/l	100
79) 2-Chlorotoluene	12.682	91	321846	19.044	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	378098	18.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	28247	20.389	ug/l	98
82) 4-Chlorotoluene	12.780	91	332806	18.995	ug/l	98
83) tert-Butylbenzene	12.999	119	339845	18.813	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	380179	19.152	ug/l	99
85) sec-Butylbenzene	13.176	105	511759	19.045	ug/l	99
86) p-Isopropyltoluene	13.292	119	423161	19.019	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	221334	19.182	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	222171	19.634	ug/l	99
89) n-Butylbenzene	13.621	91	381680	18.535	ug/l	100
90) Hexachloroethane	13.883	117	88124	18.880	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	197788	19.708	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13467	21.527	ug/l	96
93) 1,2,4-Trichlorobenzene	14.920	180	112175	18.852	ug/l	99
94) Hexachlorobutadiene	15.023	225	71498	19.152	ug/l	99
95) Naphthalene	15.145	128	185710	18.938	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	96000	18.907	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023880.D
Acq On : 04 Dec 2025 09:27
Operator : SY/MD
Sample : VY1204SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Quant Time: Dec 05 01:42:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

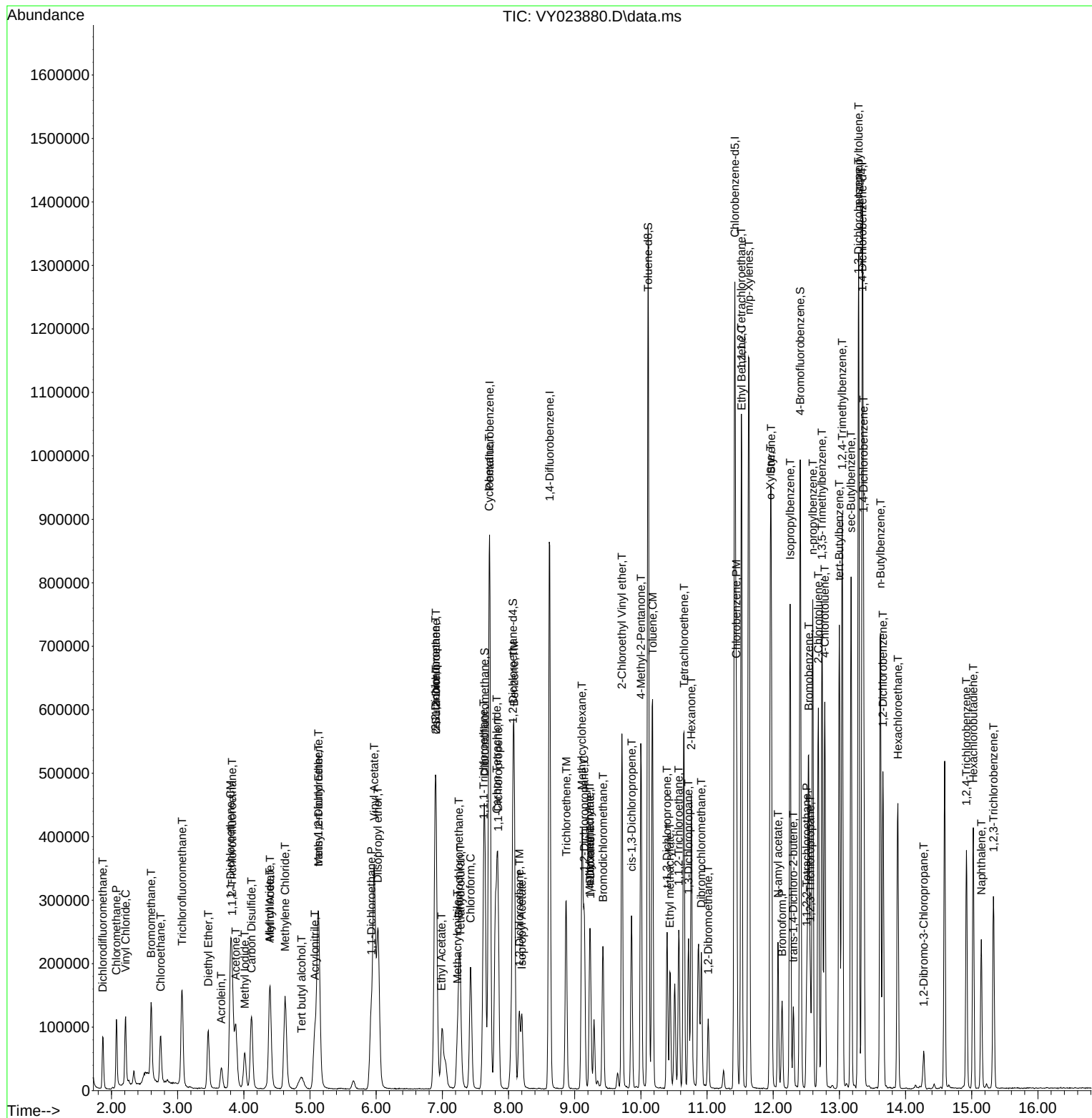
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

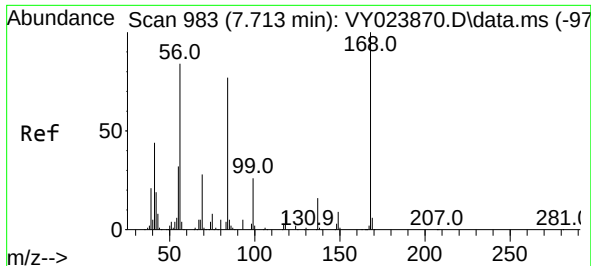
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023880.D
 Acq On : 04 Dec 2025 09:27
 Operator : SY/MD
 Sample : VY1204SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

Quant Time: Dec 05 01:42:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

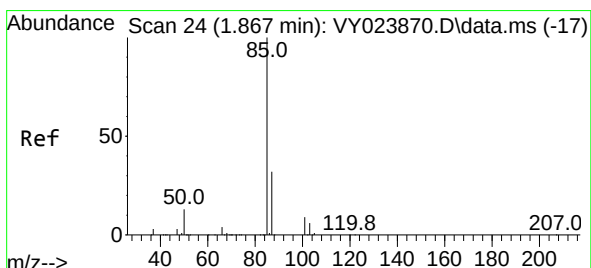
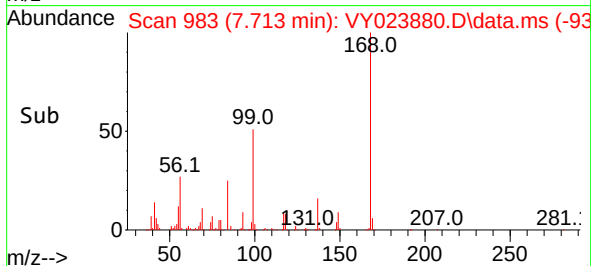
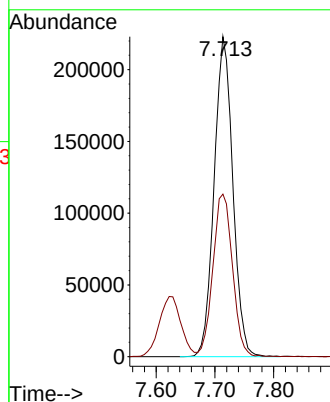
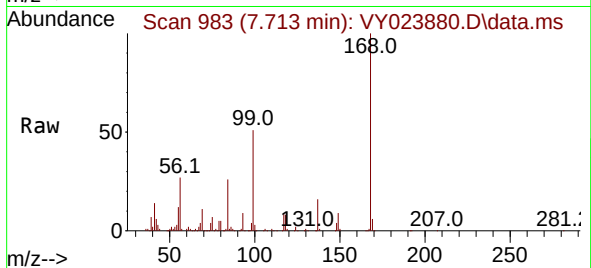




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

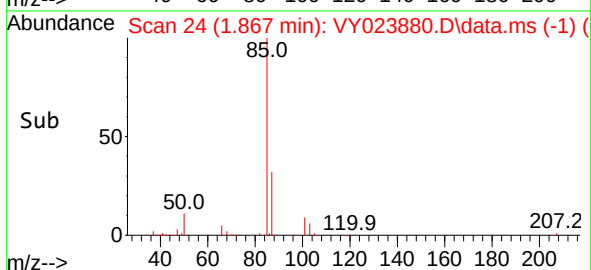
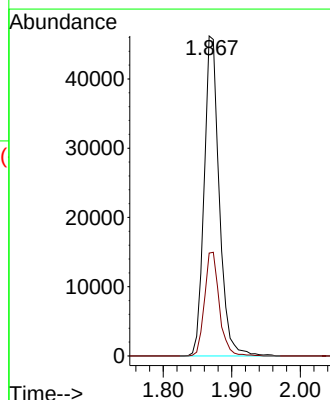
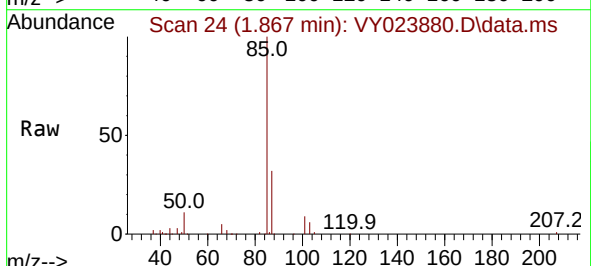
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

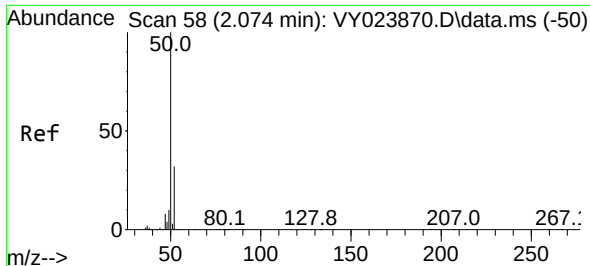
Tgt Ion:168 Resp: 492573
Ion Ratio Lower Upper
168 100
99 50.7 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 19.093 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 85 Resp: 71136
Ion Ratio Lower Upper
85 100
87 32.1 15.9 47.6

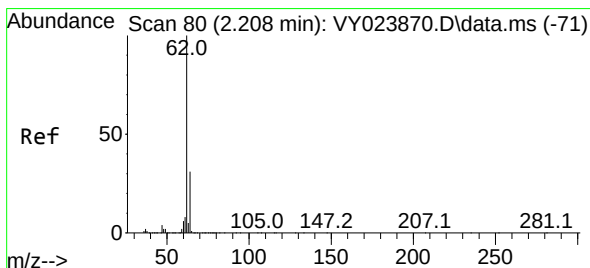
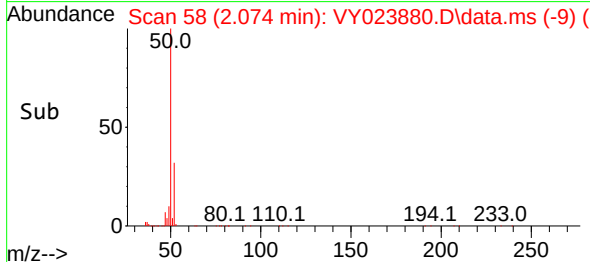
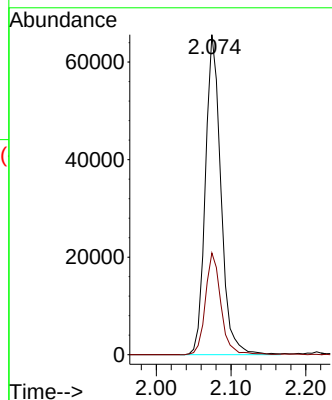
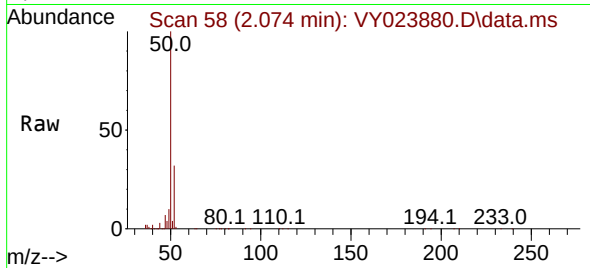




#3
Chloromethane
Concen: 17.843 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

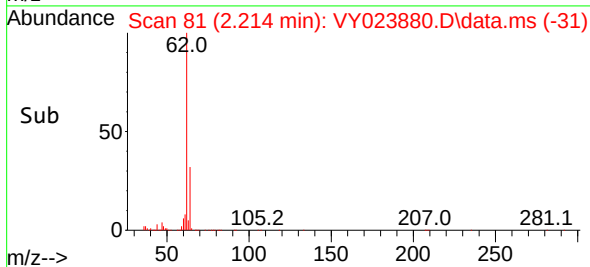
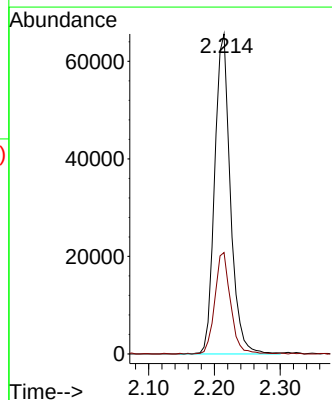
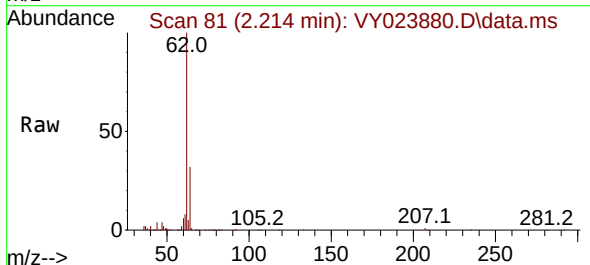
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

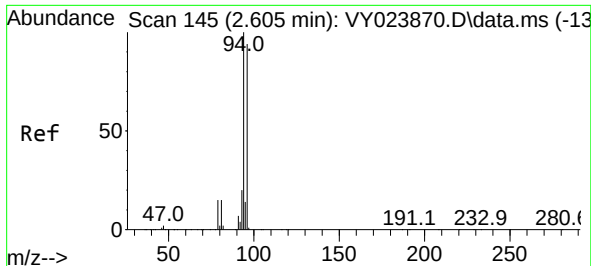
Tgt Ion: 50 Resp: 94830
Ion Ratio Lower Upper
50 100
52 31.8 25.2 37.8



#4
Vinyl Chloride
Concen: 18.019 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 62 Resp: 109234
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7

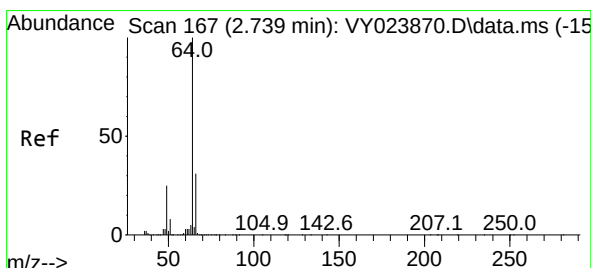
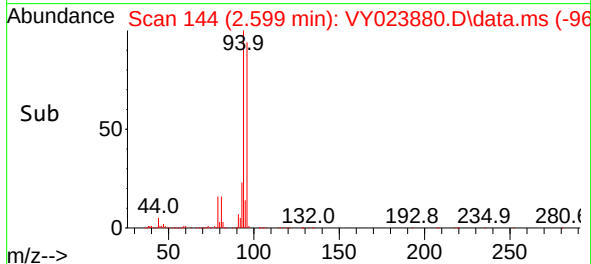
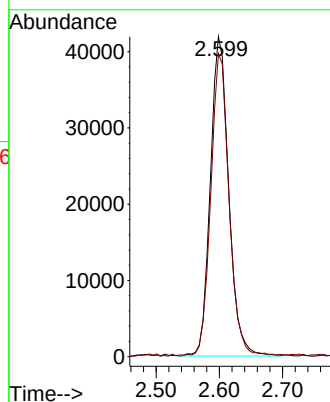
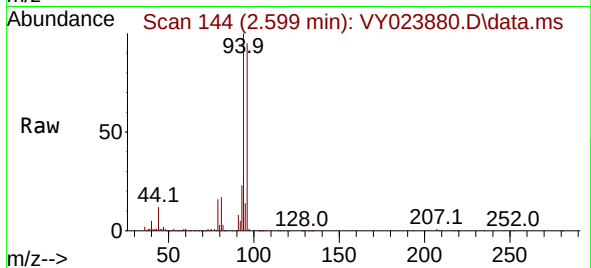




#5
Bromomethane
Concen: 19.265 ug/l
RT: 2.599 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

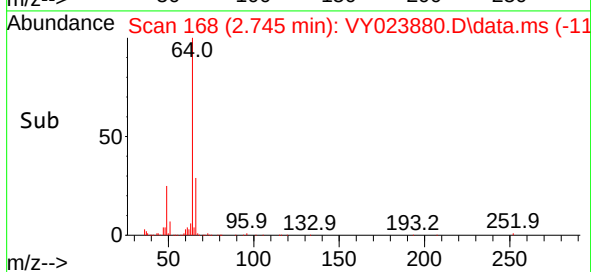
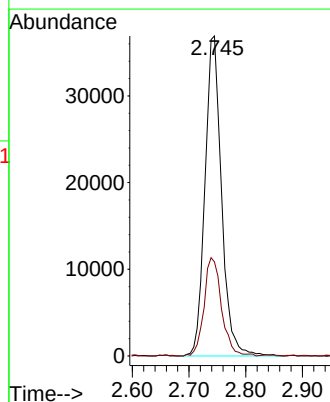
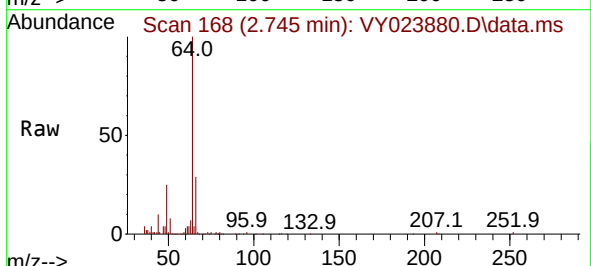
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

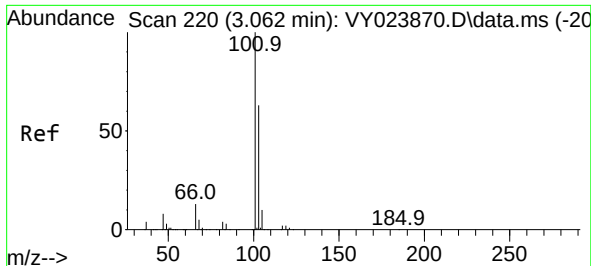
Tgt Ion: 94 Resp: 84328
Ion Ratio Lower Upper
94 100
96 94.4 75.2 112.8



#6
Chloroethane
Concen: 18.213 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 64 Resp: 74859
Ion Ratio Lower Upper
64 100
66 29.4 24.8 37.2

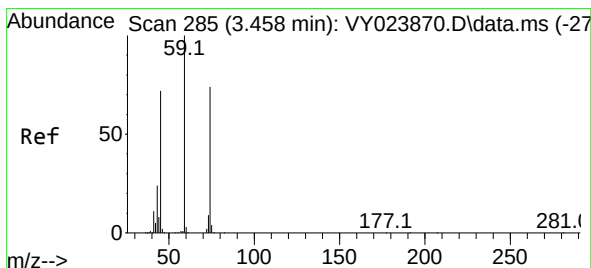
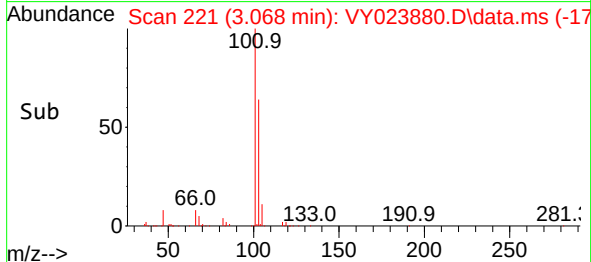
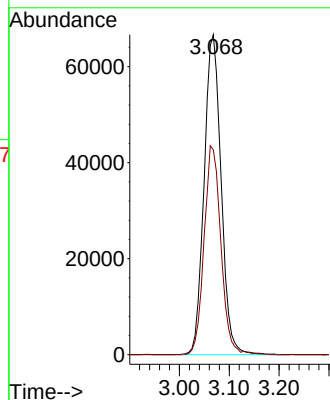
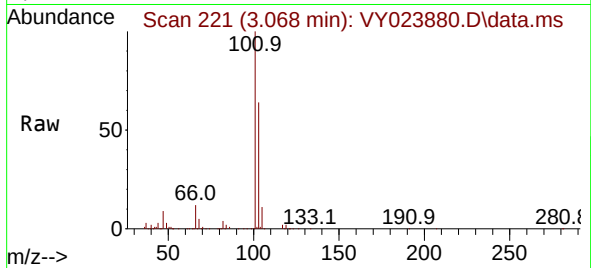




#7
Trichlorofluoromethane
Concen: 18.654 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

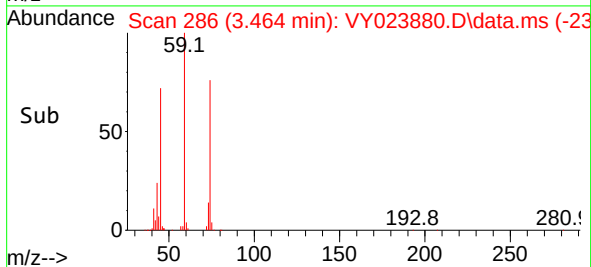
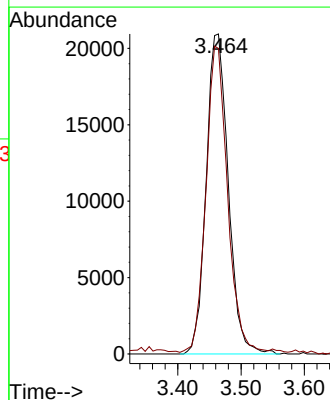
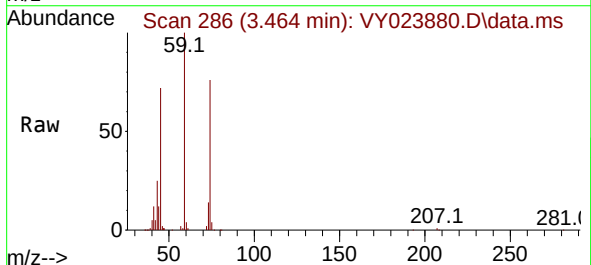
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

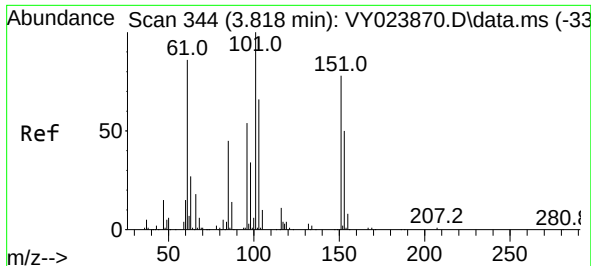
Tgt Ion:101 Resp: 158121
Ion Ratio Lower Upper
101 100
103 64.0 50.2 75.2



#8
Diethyl Ether
Concen: 20.050 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 74 Resp: 50916
Ion Ratio Lower Upper
74 100
45 93.1 48.4 145.3

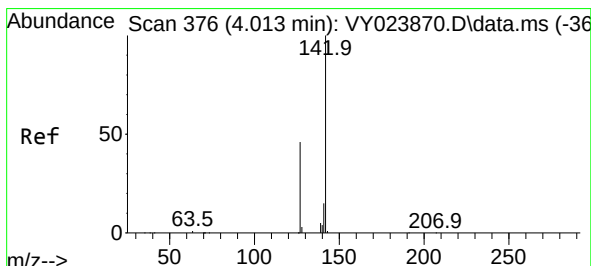
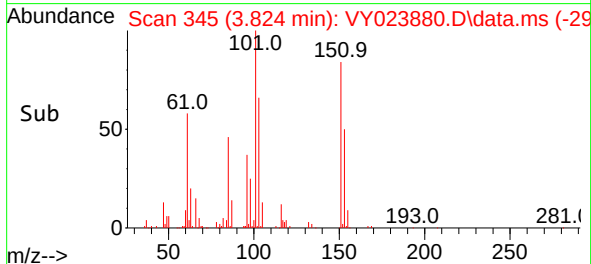
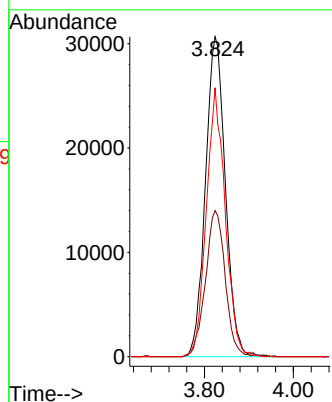
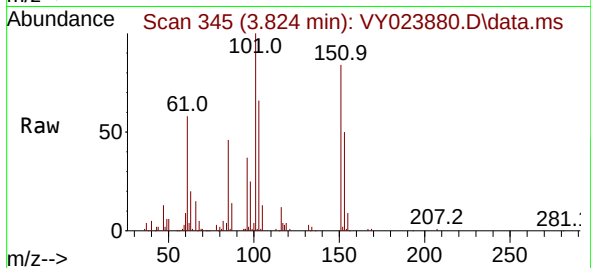




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.841 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

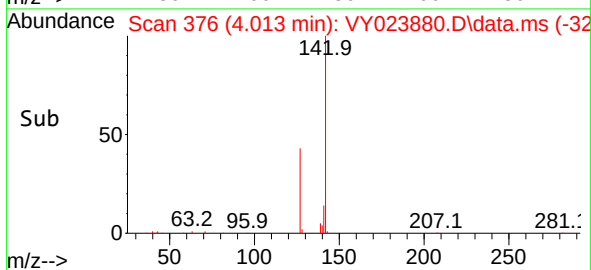
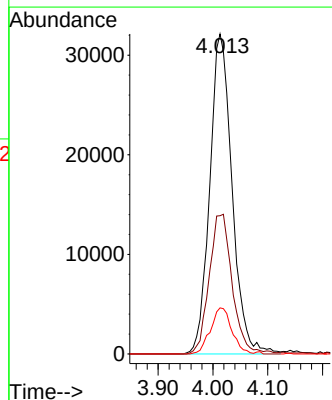
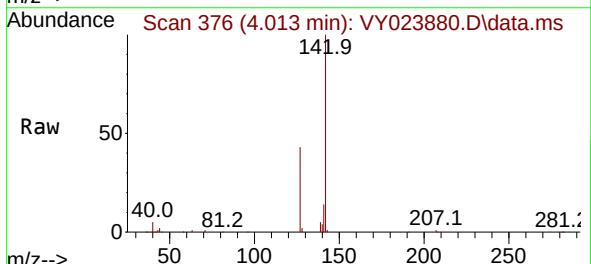
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

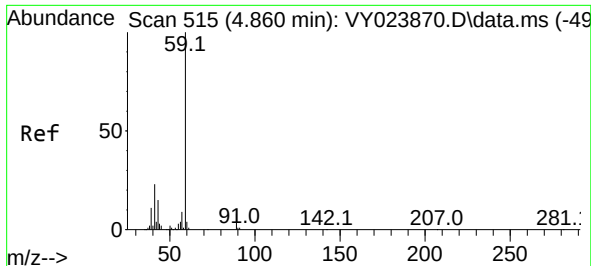
Tgt Ion:101 Resp: 95685
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.8
151 79.7 63.4 95.0



#10
Methyl Iodide
Concen: 17.777 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion:142 Resp: 90797
Ion Ratio Lower Upper
142 100
127 45.0 36.1 54.1
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 108.587 ug/l

RT: 4.873 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

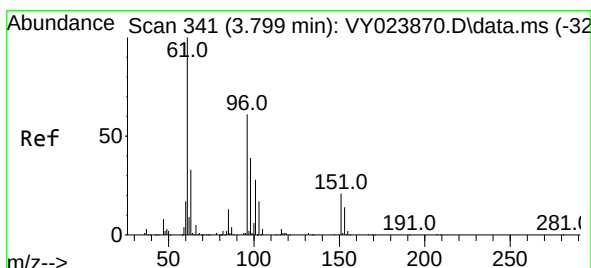
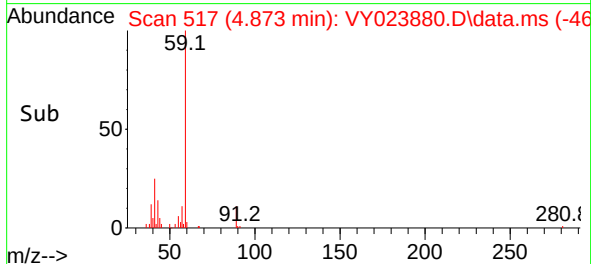
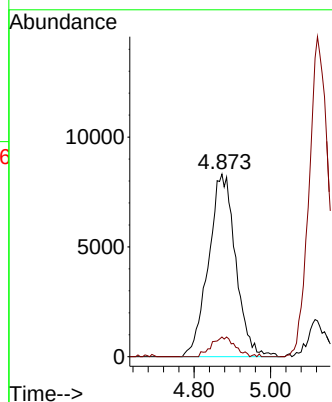
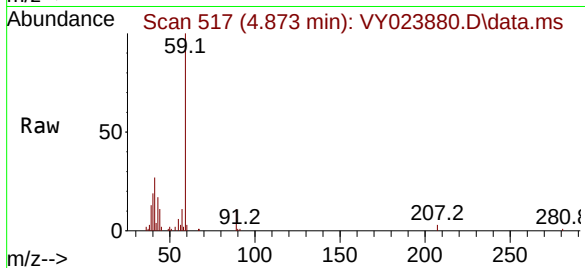
VY1204SBS01

Tgt Ion: 59 Resp: 40974

Ion Ratio Lower Upper

59 100

57 9.3 7.7 11.5



#12

1,1-Dichloroethene

Concen: 18.618 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

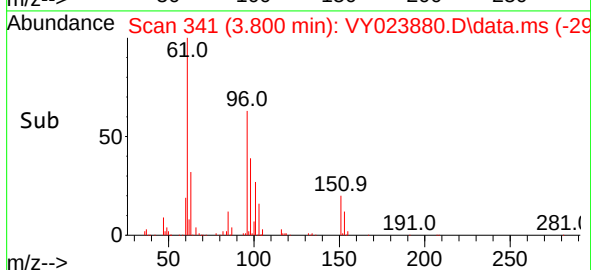
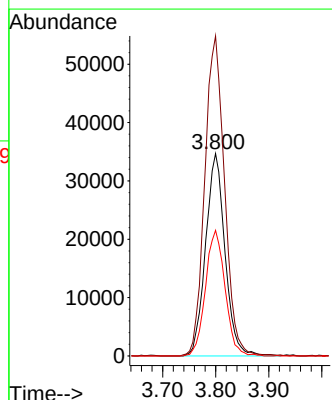
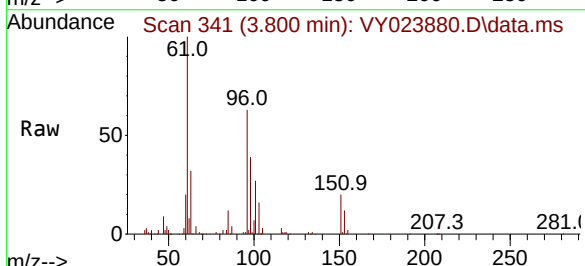
Tgt Ion: 96 Resp: 88349

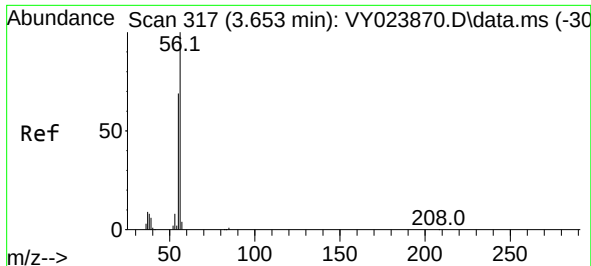
Ion Ratio Lower Upper

96 100

61 158.1 131.2 196.8

98 62.0 51.3 76.9

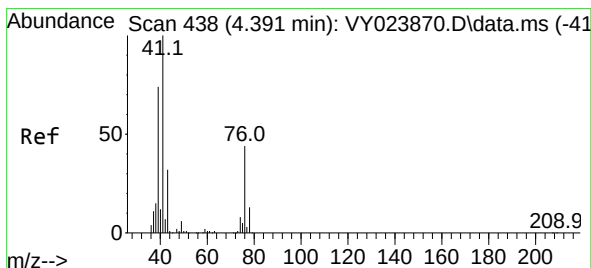
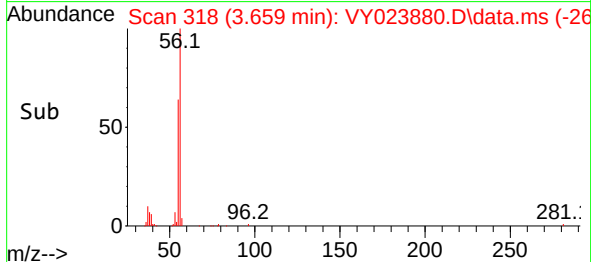
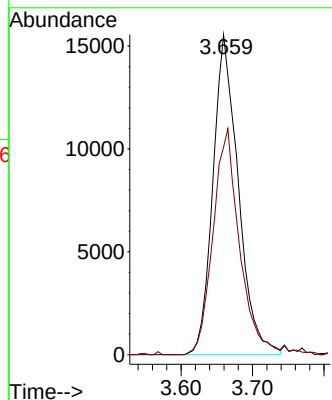
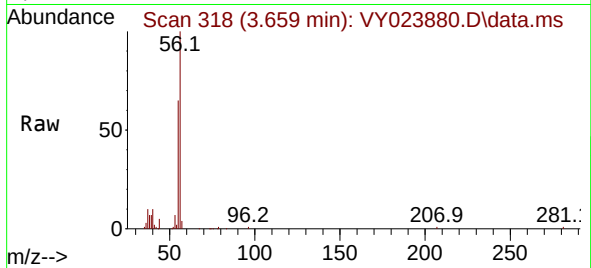




#13
Acrolein
Concen: 124.539 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

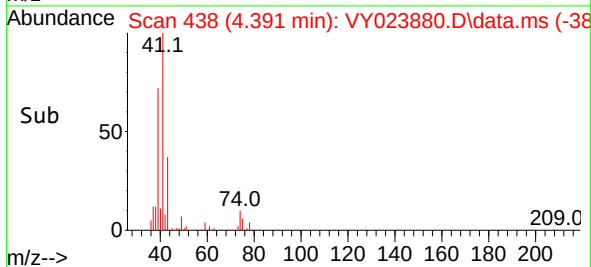
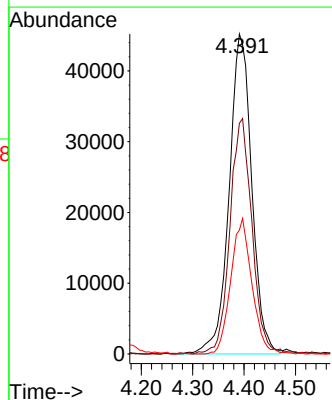
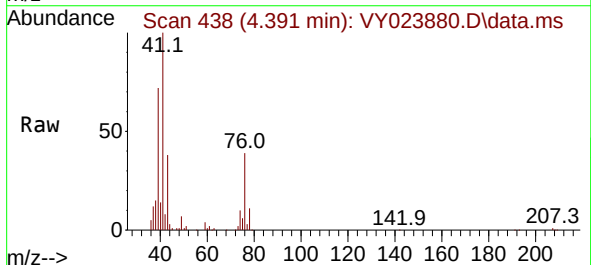
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

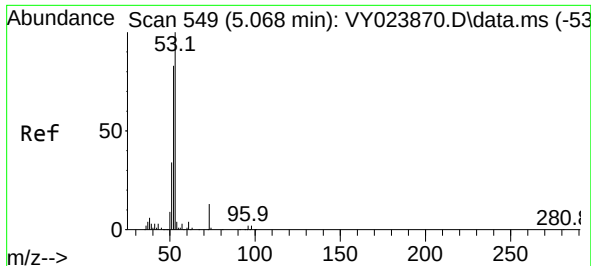
Tgt Ion: 56 Resp: 38311
Ion Ratio Lower Upper
56 100
55 73.5 59.0 88.6



#14
Allyl chloride
Concen: 18.242 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 41 Resp: 138400
Ion Ratio Lower Upper
41 100
39 71.9 57.4 86.0
76 39.6 30.8 46.2

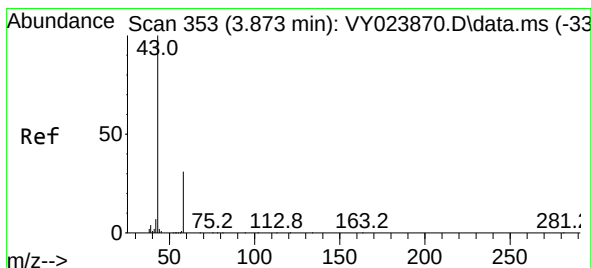
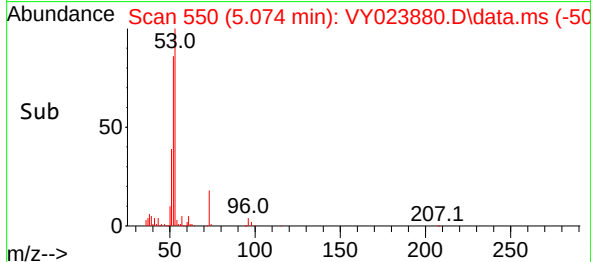
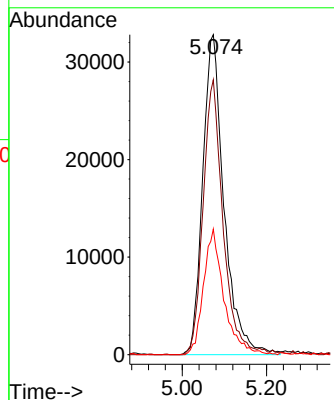
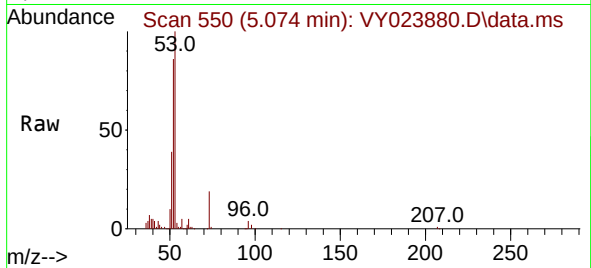




#15
Acrylonitrile
Concen: 104.268 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

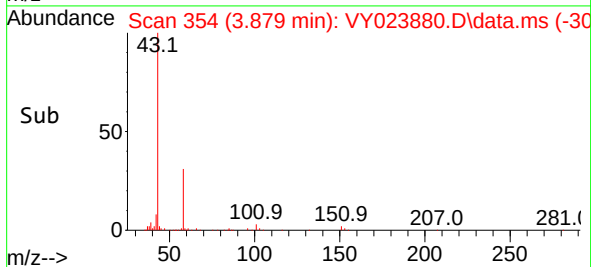
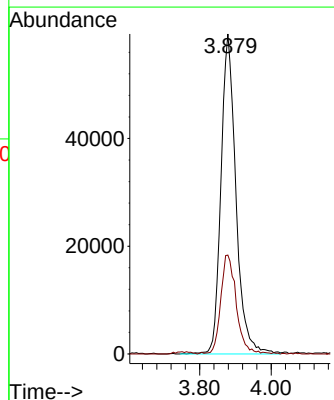
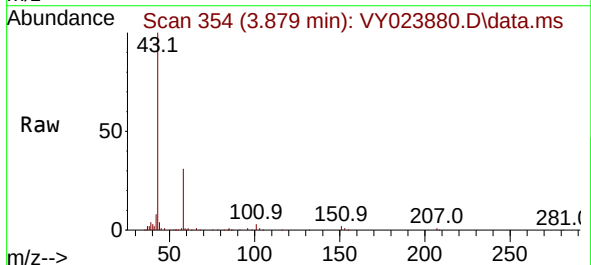
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

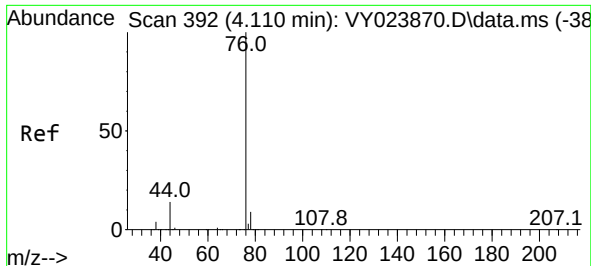
Tgt Ion: 53 Resp: 115242
Ion Ratio Lower Upper
53 100
52 80.5 65.1 97.7
51 37.7 29.5 44.3



#16
Acetone
Concen: 116.860 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 43 Resp: 172548
Ion Ratio Lower Upper
43 100
58 30.9 25.1 37.7

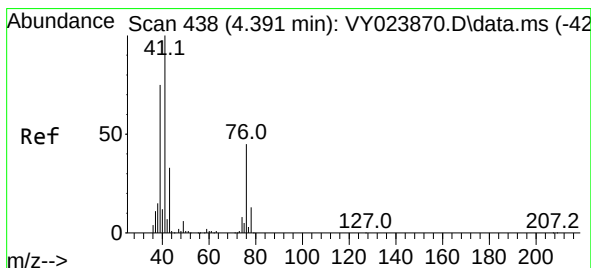
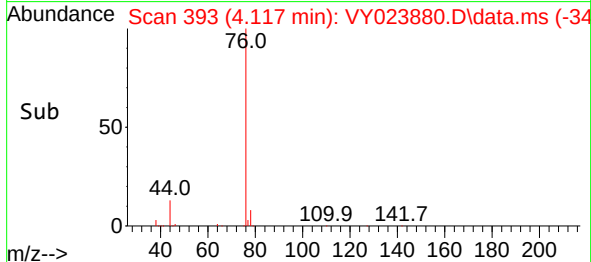
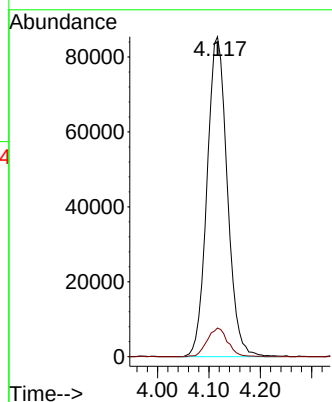
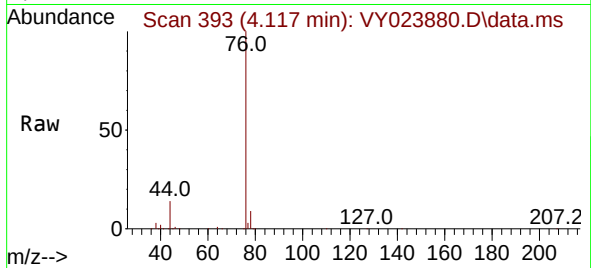




#17
Carbon Disulfide
Concen: 16.689 ug/l
RT: 4.117 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

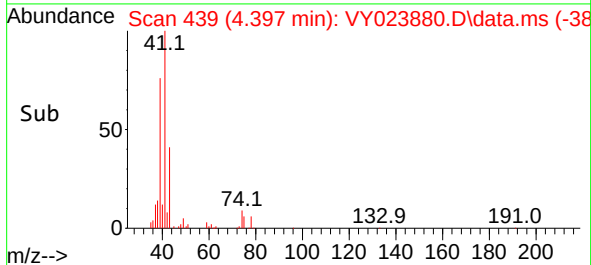
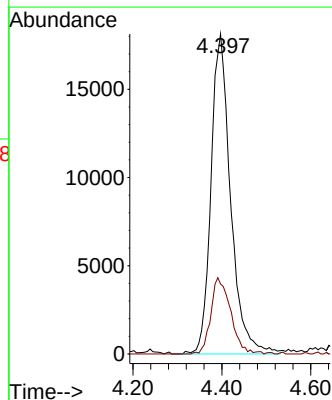
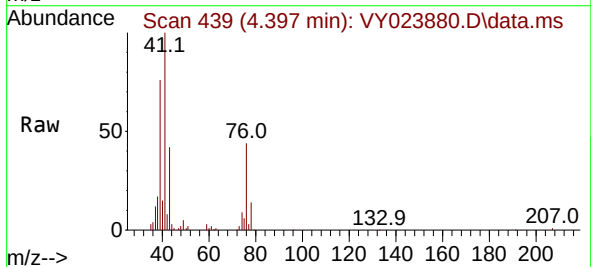
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

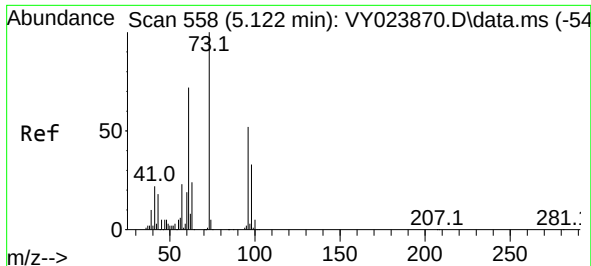
Tgt Ion: 76 Resp: 233987
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 22.186 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 43 Resp: 55566
Ion Ratio Lower Upper
43 100
74 24.0 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 20.299 ug/l

RT: 5.129 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

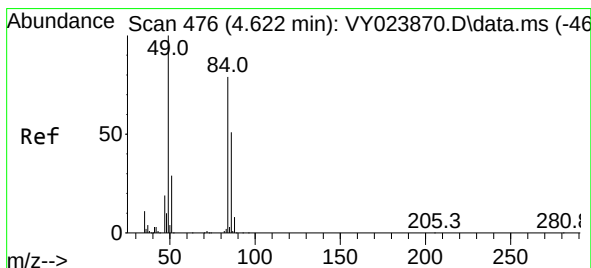
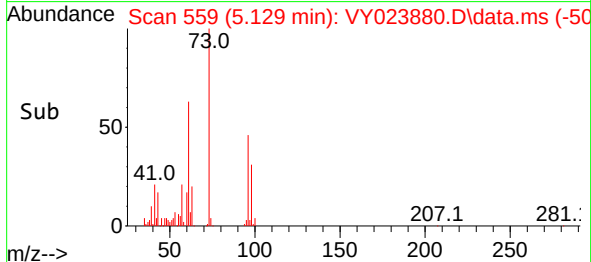
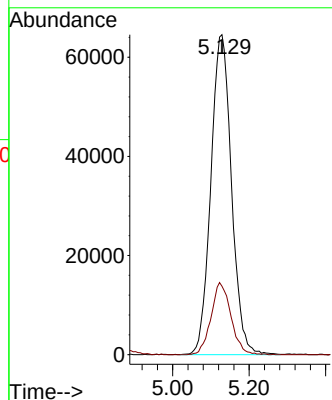
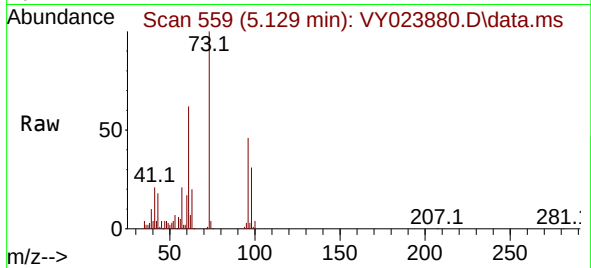
VY1204SBSD01

Tgt Ion: 73 Resp: 241956

Ion Ratio Lower Upper

73 100

57 21.4 18.2 27.2



#20

Methylene Chloride

Concen: 18.580 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Tgt Ion: 84 Resp: 105061

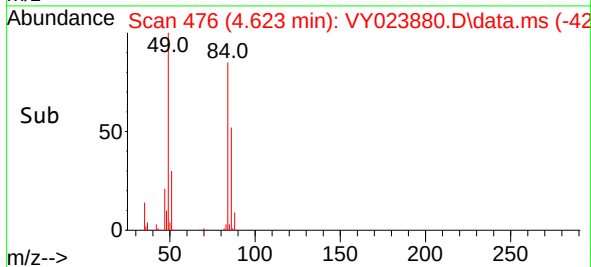
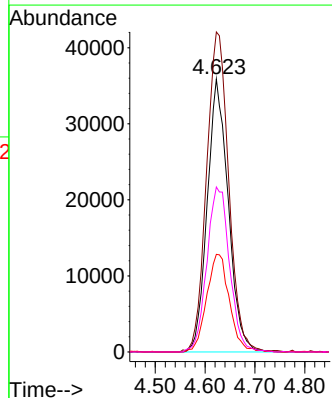
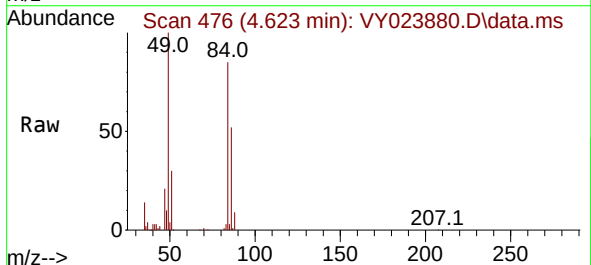
Ion Ratio Lower Upper

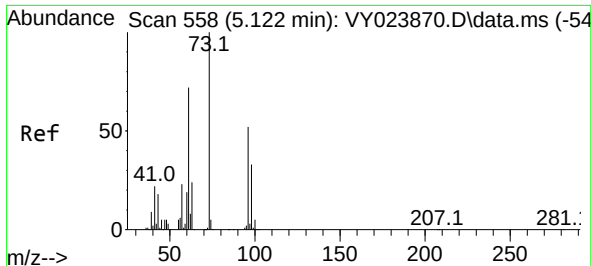
84 100

49 117.2 100.6 151.0

51 35.7 29.0 43.6

86 60.4 51.3 76.9

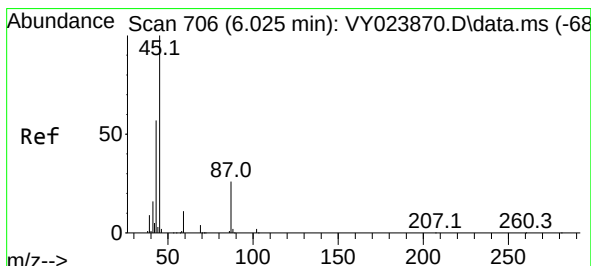
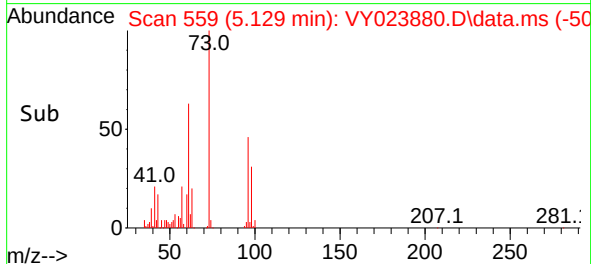
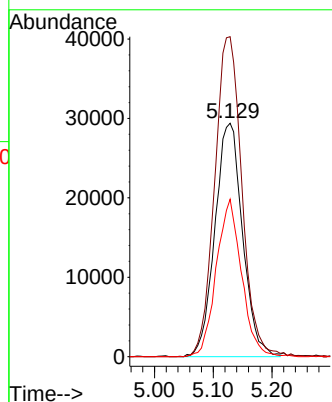
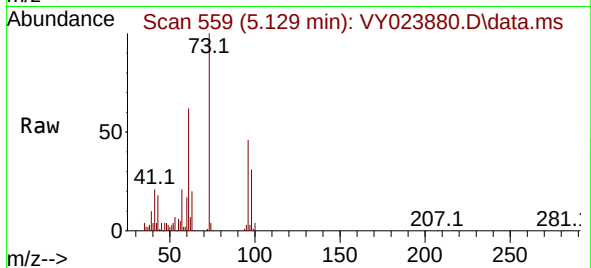




#21
trans-1,2-Dichloroethene
Concen: 18.352 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

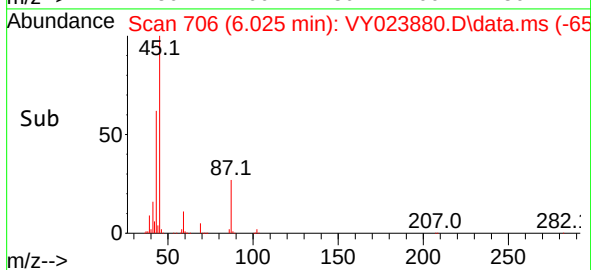
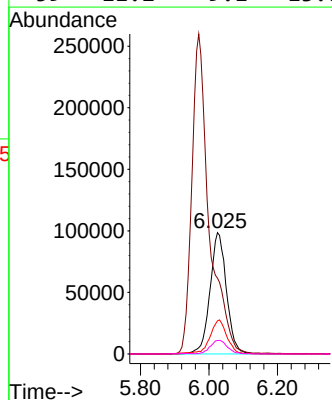
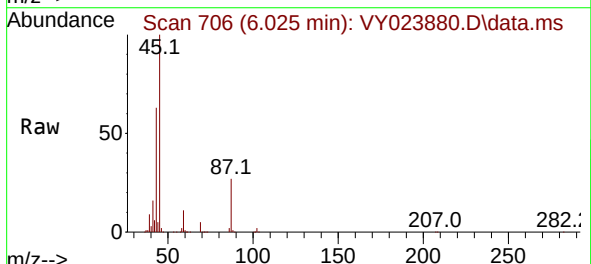
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

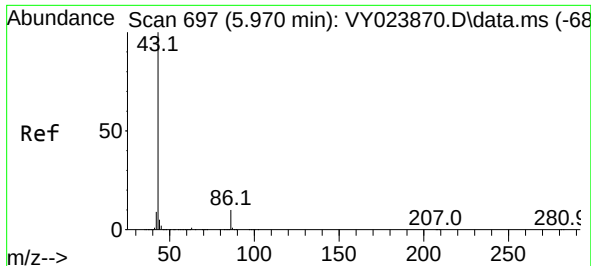
Tgt Ion: 96 Resp: 96083
Ion Ratio Lower Upper
96 100
61 136.9 111.7 167.5
98 67.4 51.5 77.3



#22
Diisopropyl ether
Concen: 19.700 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 45 Resp: 329075
Ion Ratio Lower Upper
45 100
43 62.0 45.5 68.3
87 27.3 20.7 31.1
59 11.2 9.1 13.7

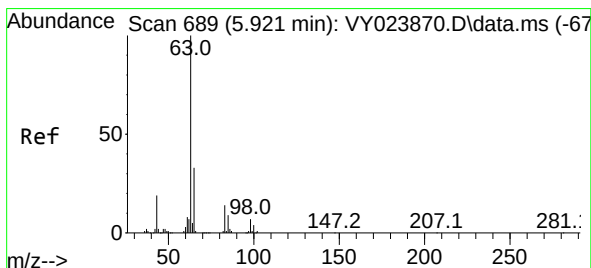
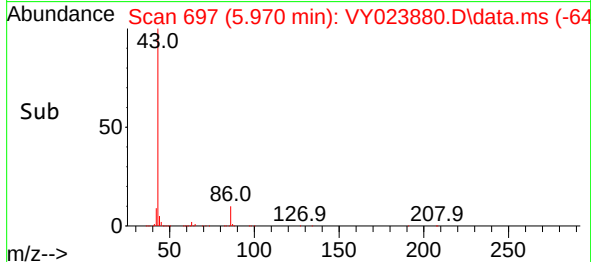
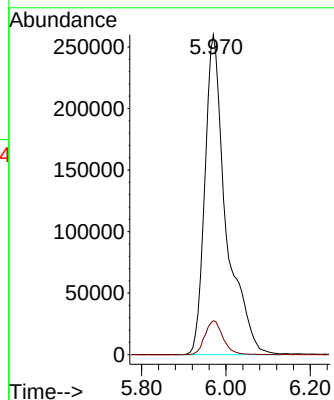
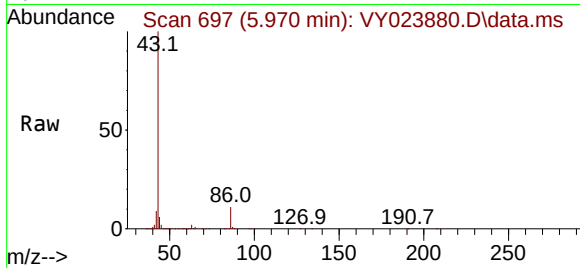




#23
 Vinyl Acetate
 Concen: 98.266 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

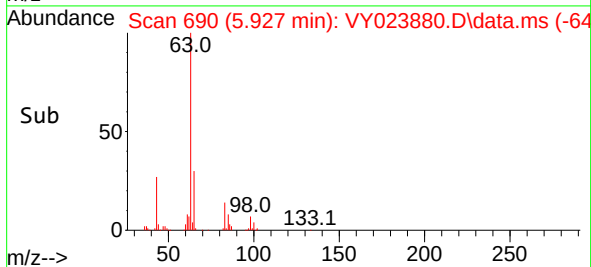
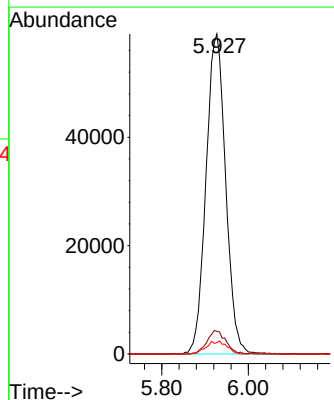
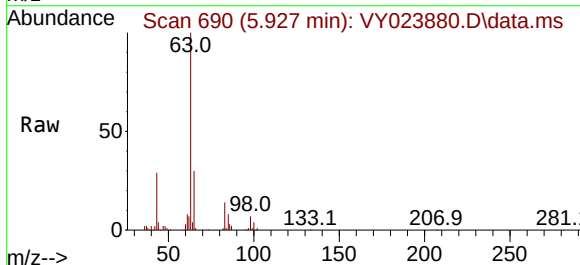
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

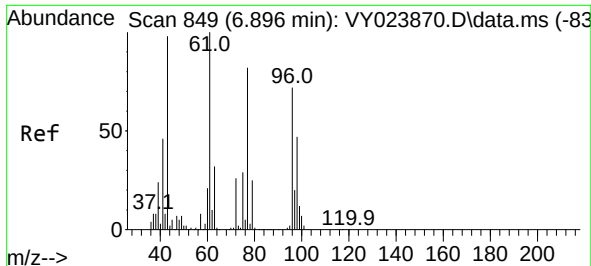
Tgt Ion: 43 Resp: 909910
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.253 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Tgt Ion: 63 Resp: 185830
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 3.6 2.2 6.6

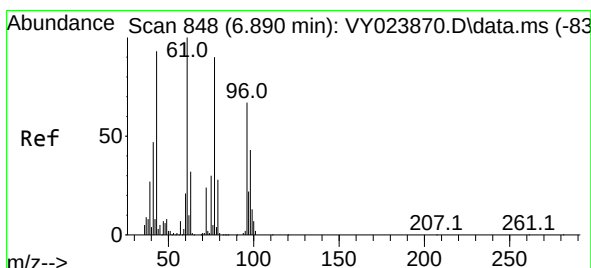
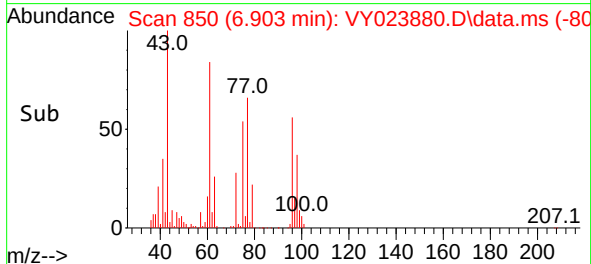
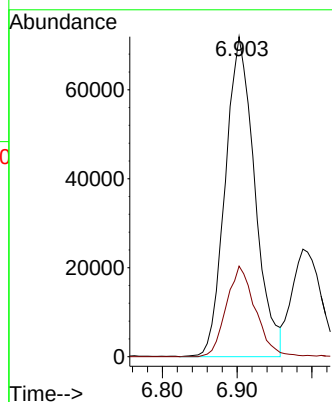
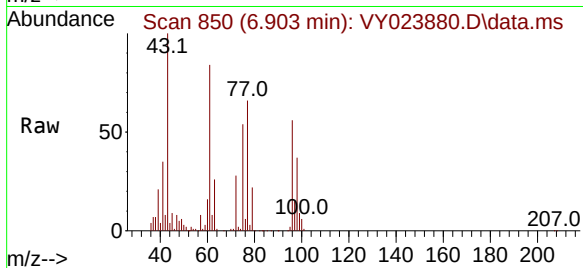




#25
2-Butanone
Concen: 110.977 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

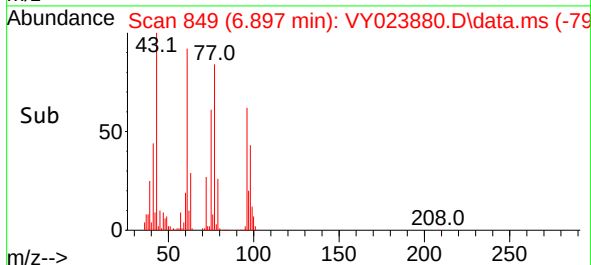
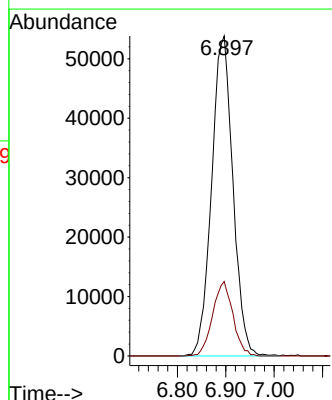
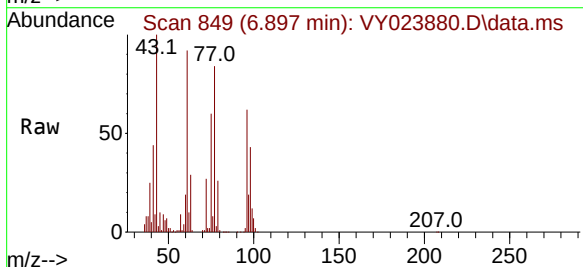
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

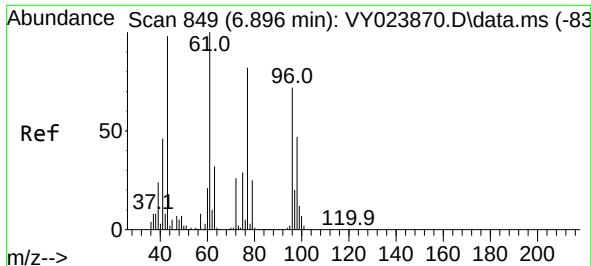
Tgt Ion: 43 Resp: 197536
Ion Ratio Lower Upper
43 100
72 28.3 21.0 31.6



#26
2,2-Dichloropropane
Concen: 18.656 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 77 Resp: 165030
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8



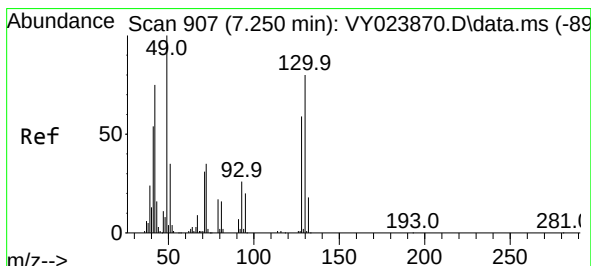
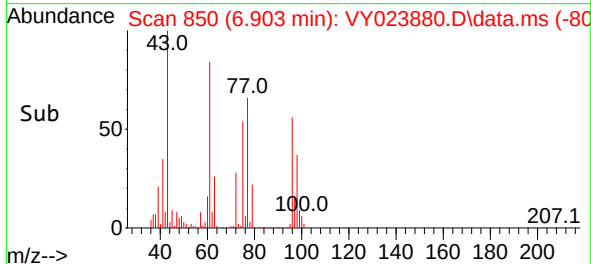
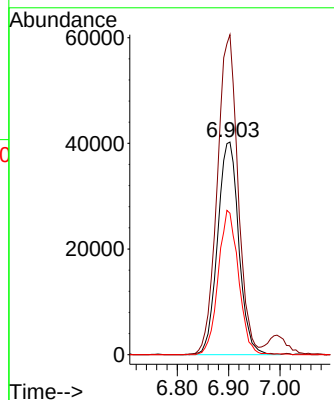
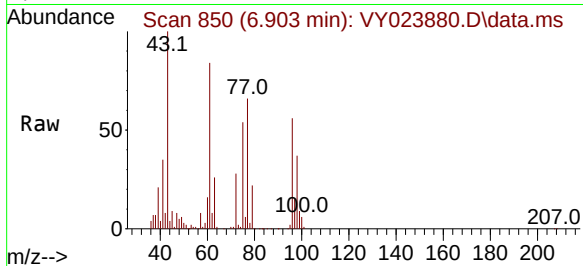


#27
 cis-1,2-Dichloroethene
 Concen: 18.941 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

Tgt Ion: 96 Resp: 115147

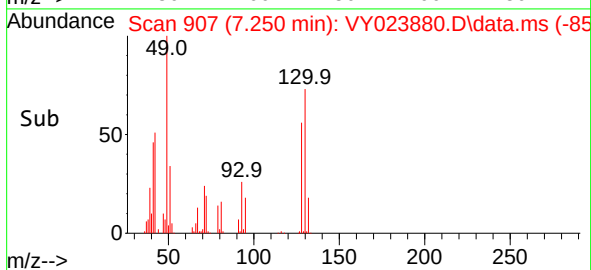
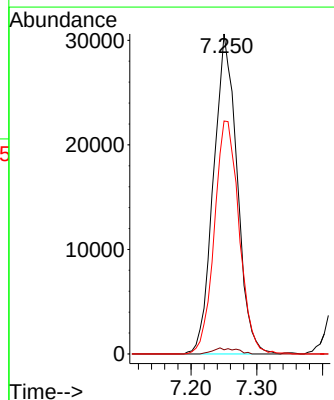
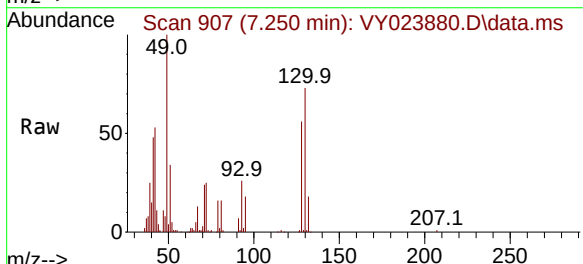
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	292.8
98	65.0	0.0	128.4

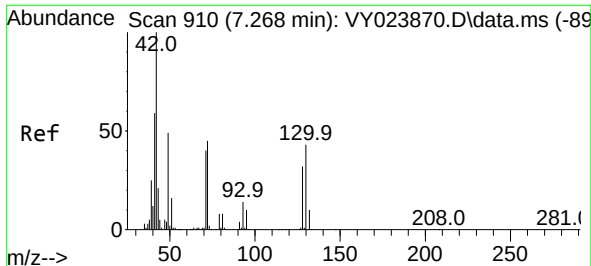


#28
 Bromochloromethane
 Concen: 20.707 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Tgt Ion: 49 Resp: 76366

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.4	61.0	91.6





#29

Tetrahydrofuran

Concen: 103.972 ug/l

RT: 7.275 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

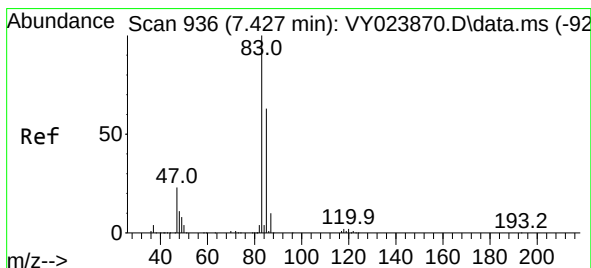
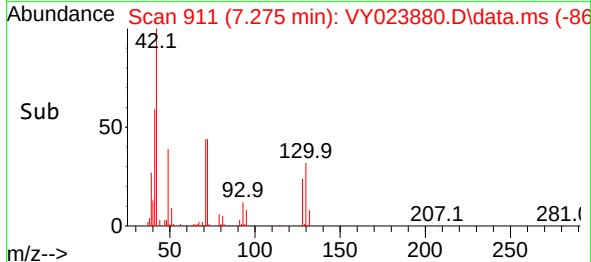
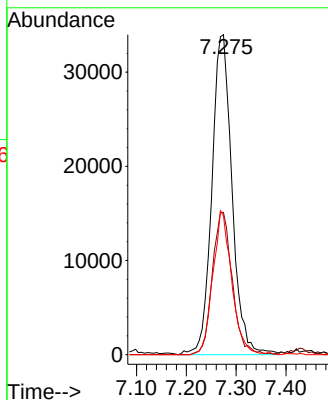
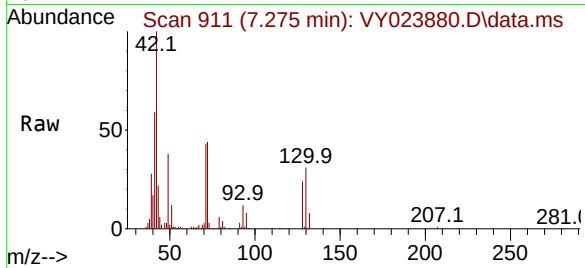
Tgt Ion: 42 Resp: 95711

Ion Ratio Lower Upper

42 100

72 43.9 35.6 53.4

71 41.9 32.5 48.7



#30

Chloroform

Concen: 19.366 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023880.D

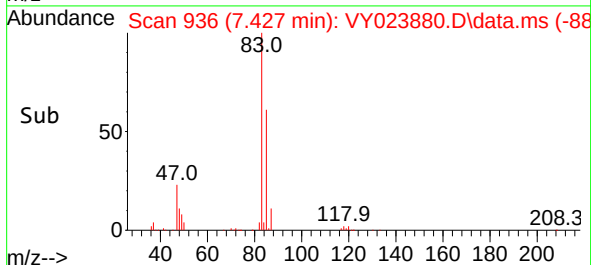
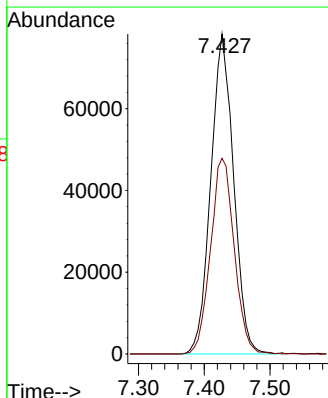
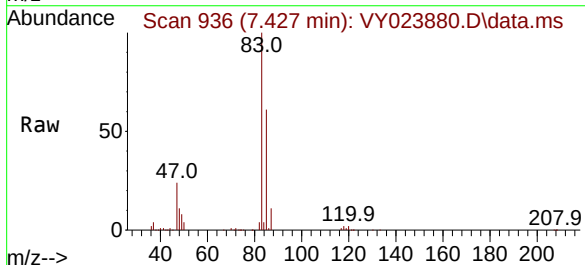
Acq: 04 Dec 2025 09:27

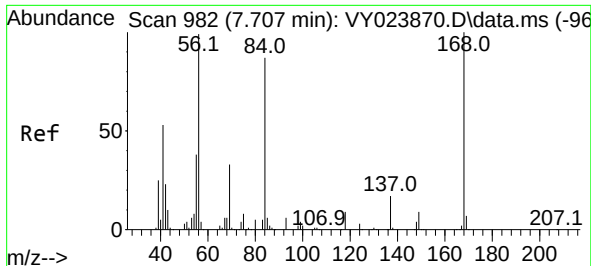
Tgt Ion: 83 Resp: 188876

Ion Ratio Lower Upper

83 100

85 61.2 50.6 76.0

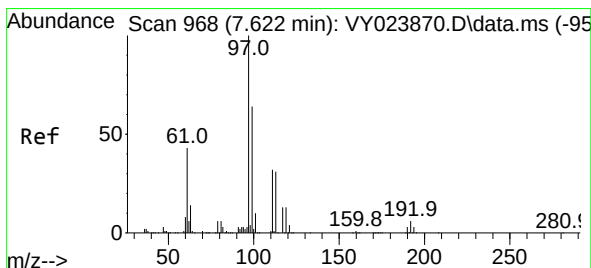
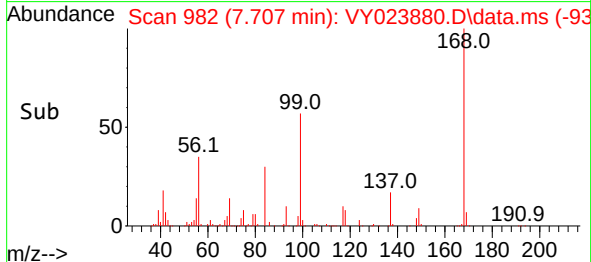
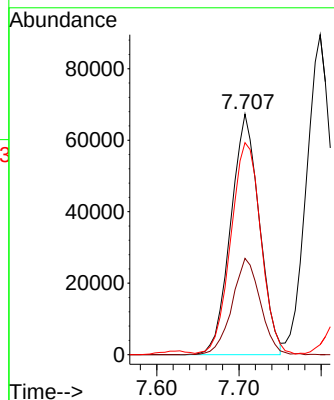
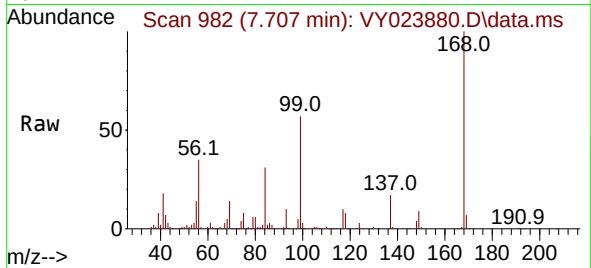




#31
Cyclohexane
Concen: 17.666 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

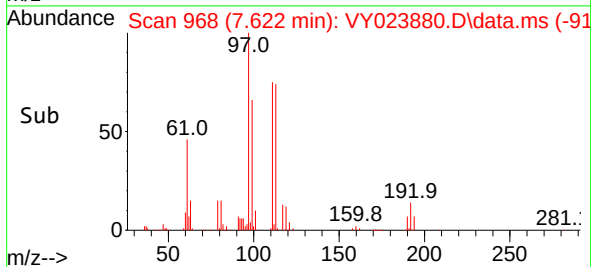
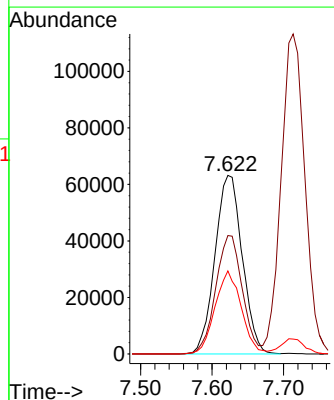
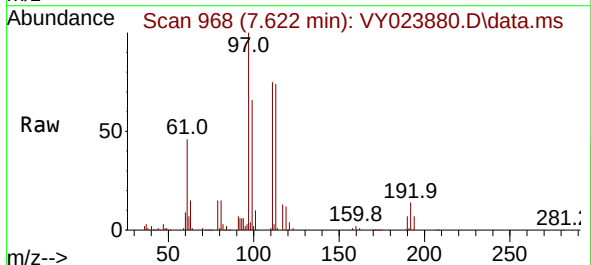
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

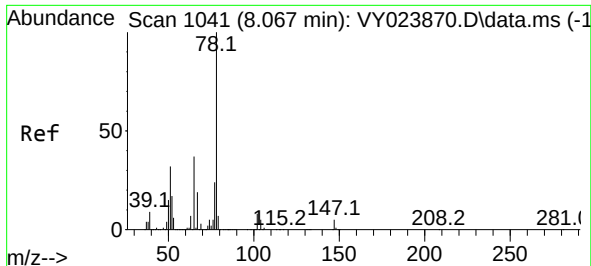
Tgt Ion: 56 Resp: 163029
Ion Ratio Lower Upper
56 100
69 40.0 26.8 40.2
84 86.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.048 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 97 Resp: 167697
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 44.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.222 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

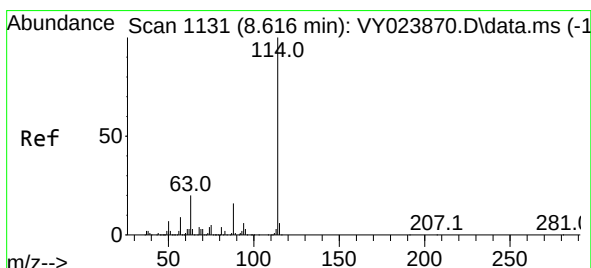
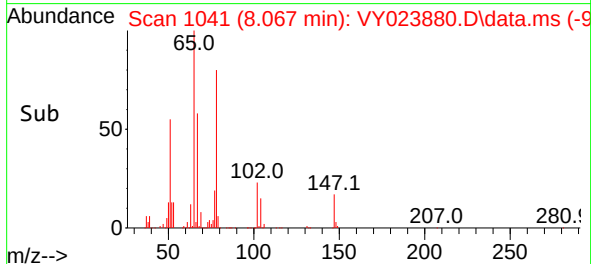
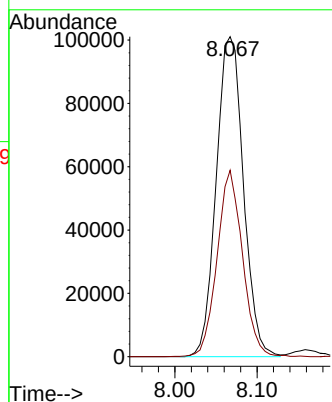
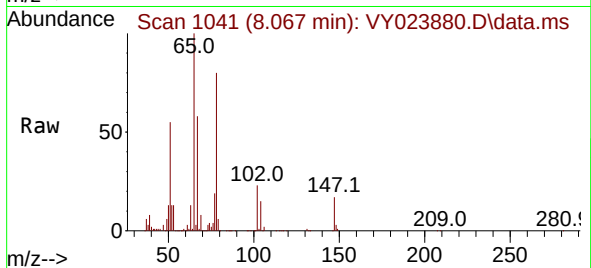
VY1204SBS01

Tgt Ion: 65 Resp: 232688

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

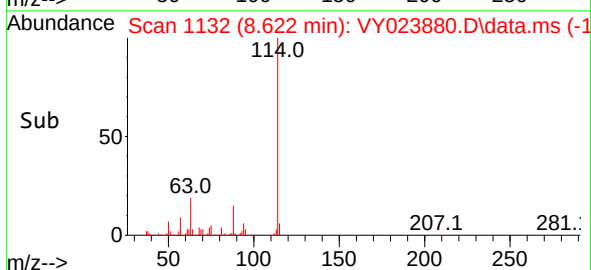
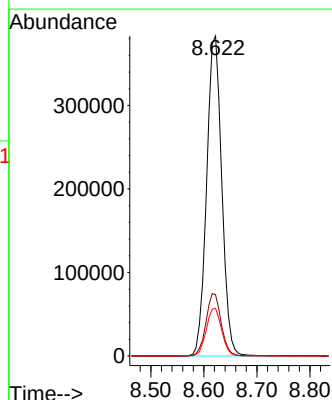
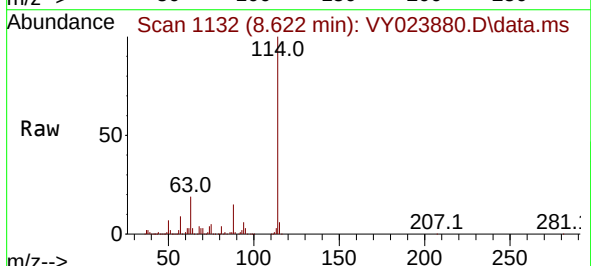
Tgt Ion:114 Resp: 759170

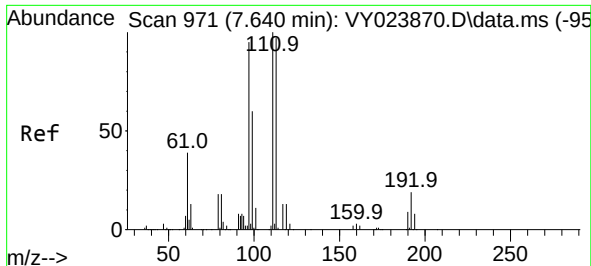
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 14.8 0.0 31.4

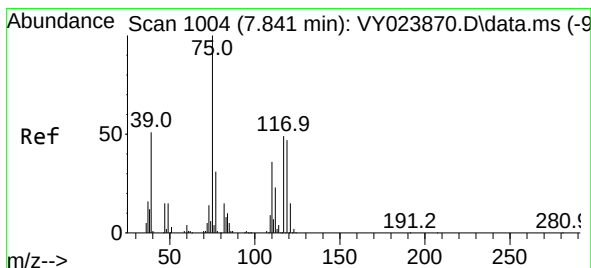
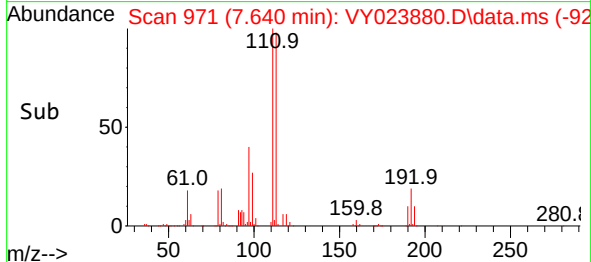
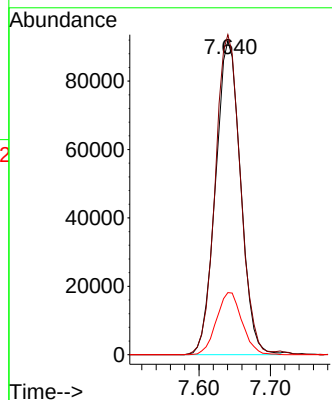
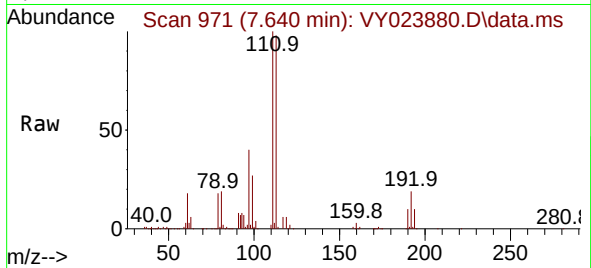




#35
Dibromofluoromethane
Concen: 45.799 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

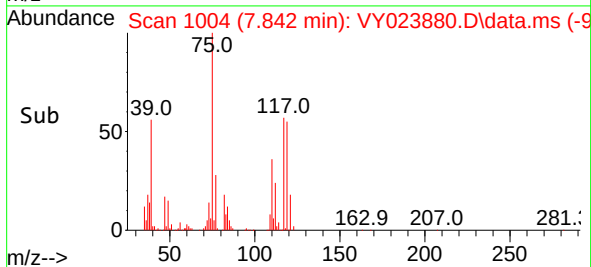
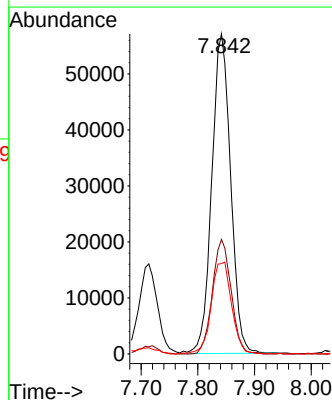
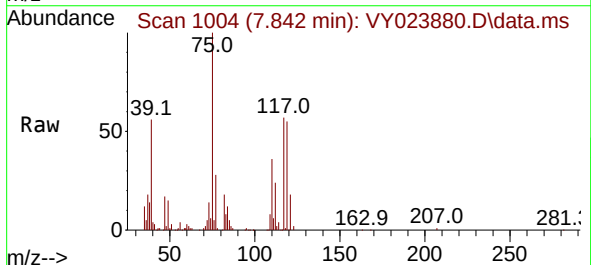
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

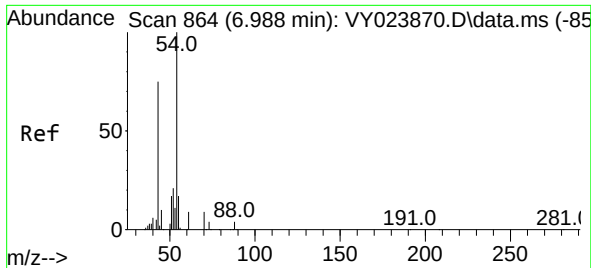
Tgt Ion:113 Resp: 223003
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.2 15.8 23.8



#36
1,1-Dichloropropene
Concen: 18.392 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 75 Resp: 132048
Ion Ratio Lower Upper
75 100
110 35.5 17.6 52.9
77 31.1 24.6 37.0

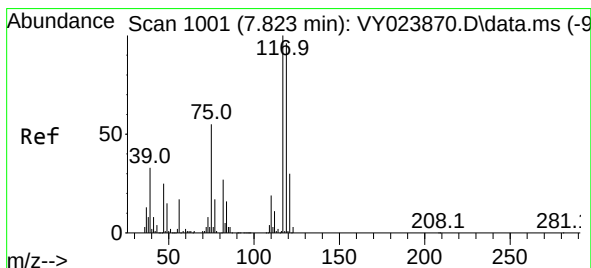
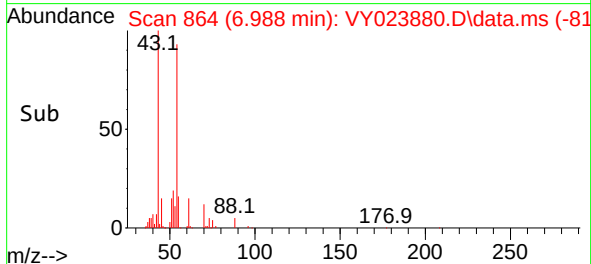
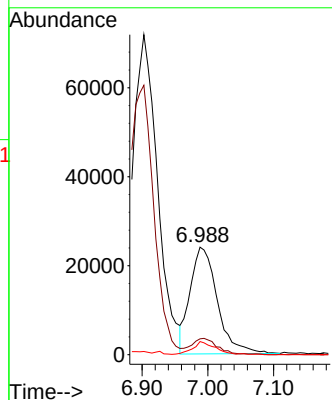
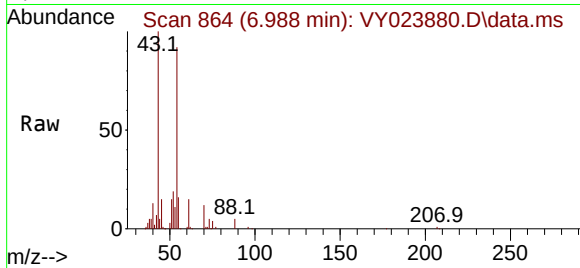




#37
Ethyl Acetate
Concen: 20.817 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

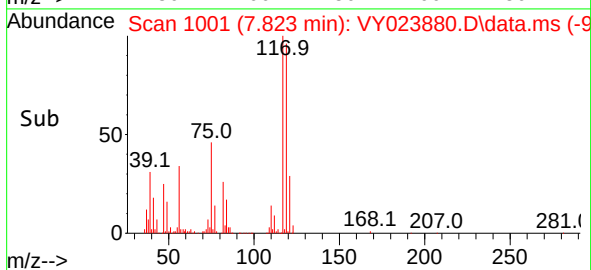
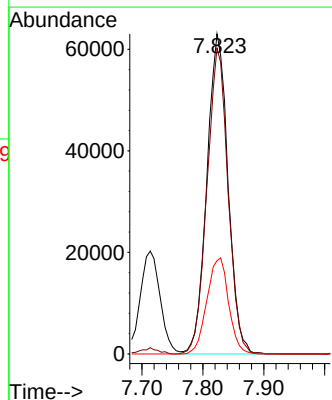
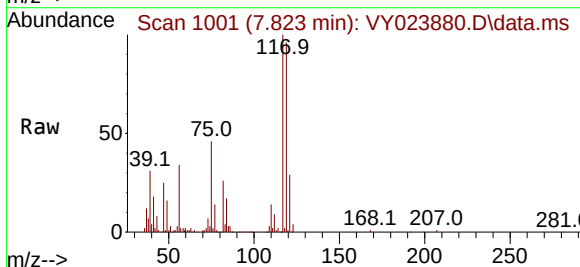
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

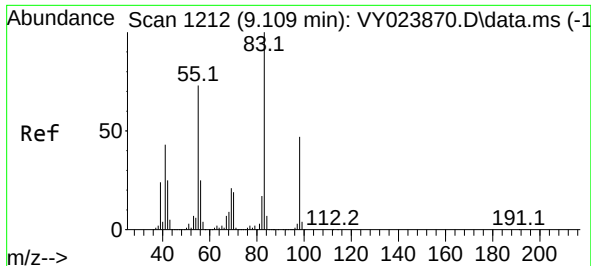
Tgt Ion: 43 Resp: 69016
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.195 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 117 Resp: 152102
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6
121 29.2 23.9 35.9





#39

Methylcyclohexane

Concen: 17.553 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

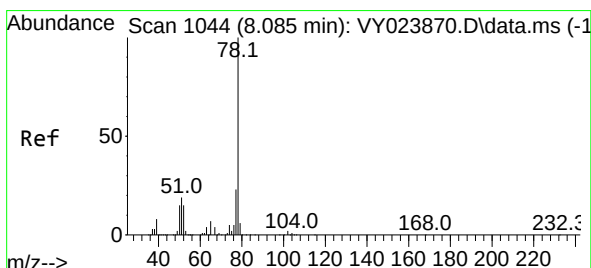
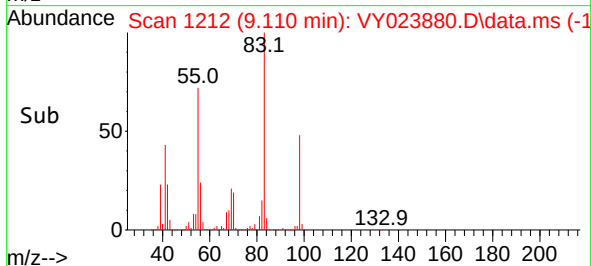
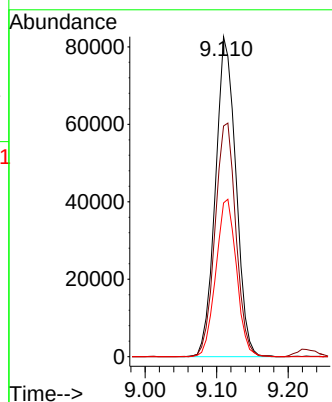
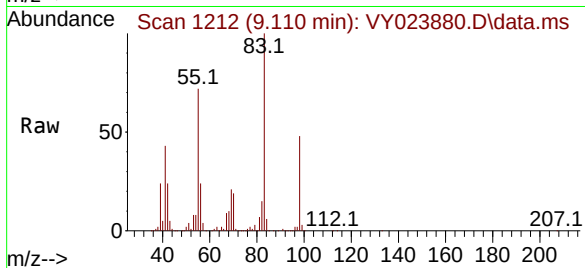
Tgt Ion: 83 Resp: 164047

Ion Ratio Lower Upper

83 100

55 72.1 58.8 88.2

98 48.0 37.8 56.6



#40

Benzene

Concen: 18.891 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023880.D

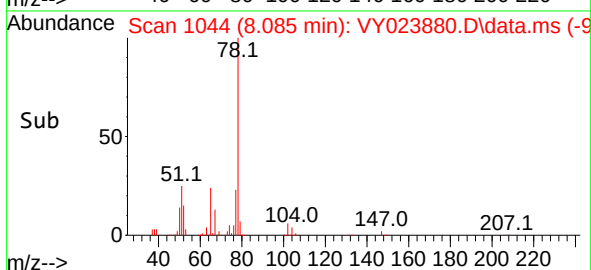
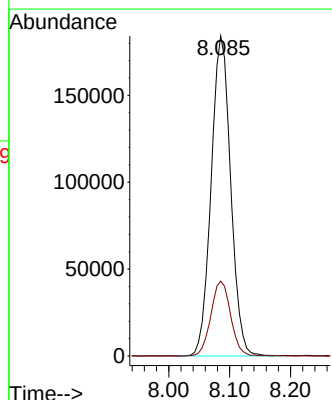
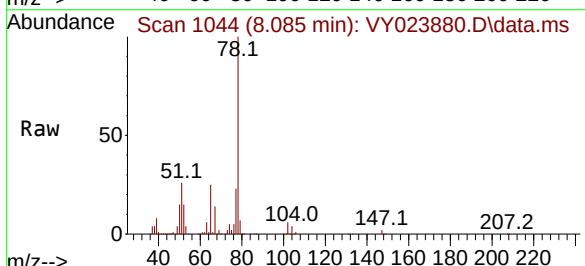
Acq: 04 Dec 2025 09:27

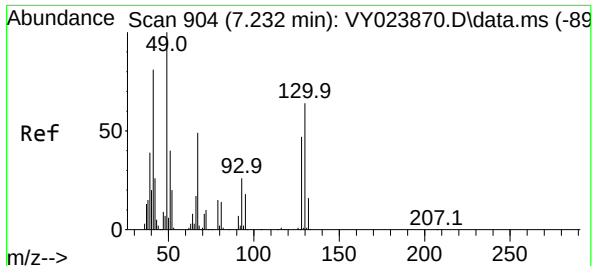
Tgt Ion: 78 Resp: 409970

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

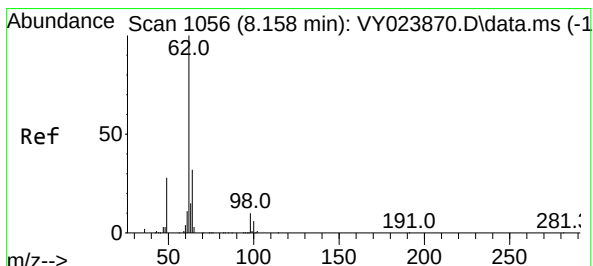
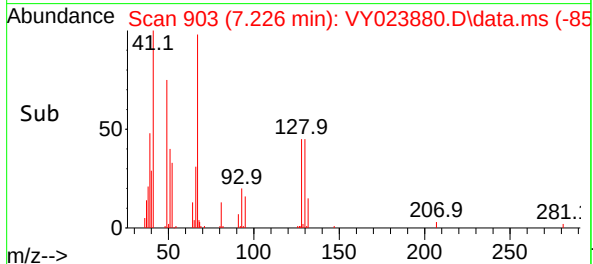
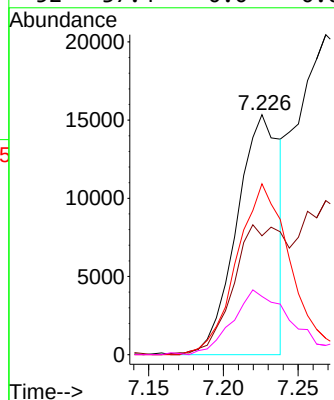
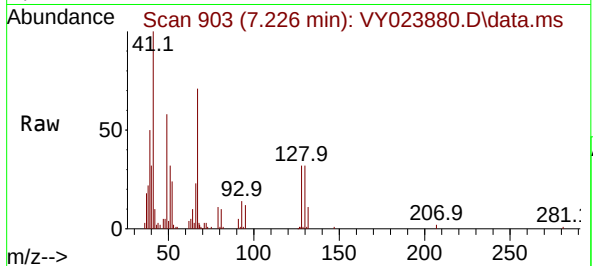




#41
Methacrylonitrile
Concen: 18.045 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

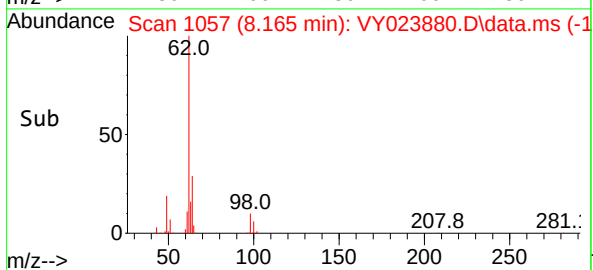
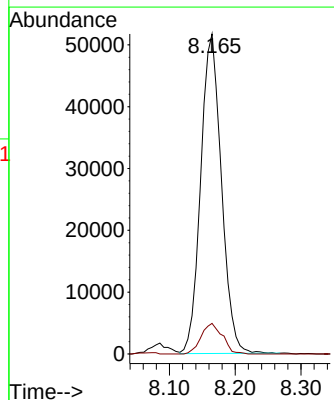
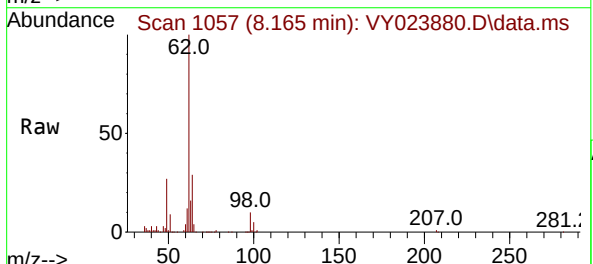
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

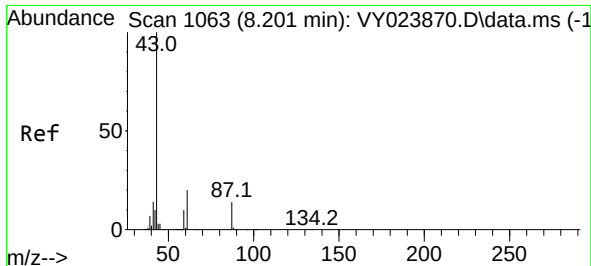
Tgt Ion: 41 Resp: 30839
Ion Ratio Lower Upper
41 100
39 66.8 49.4 74.2
67 89.8 0.0 0.0#
52 37.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.012 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 62 Resp: 113328
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2

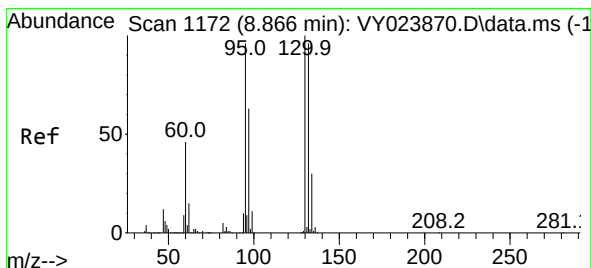
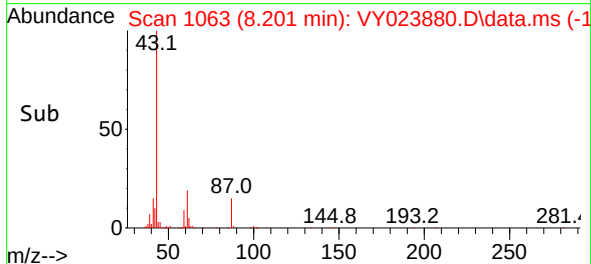
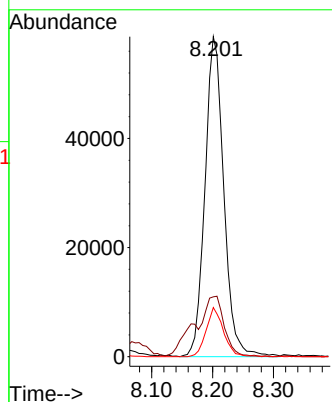
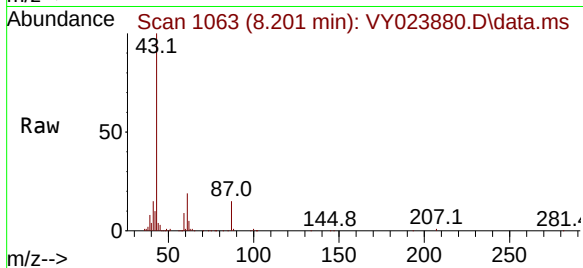




#43
Isopropyl Acetate
Concen: 20.342 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

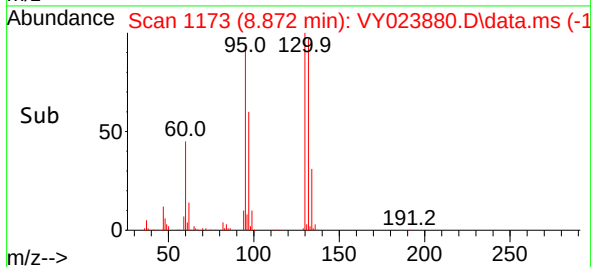
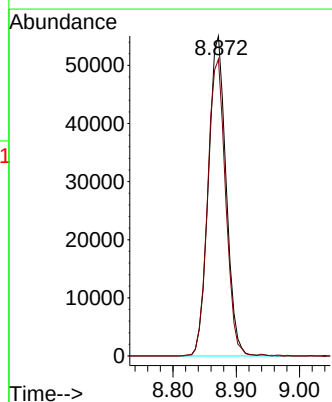
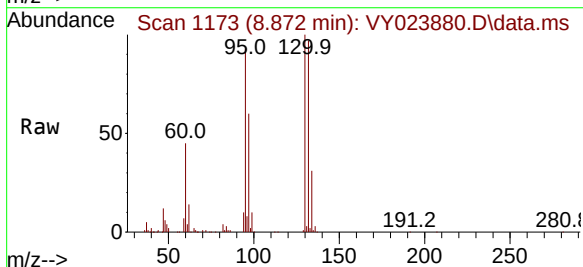
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

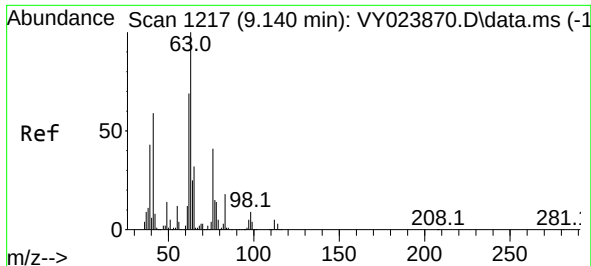
Tgt Ion: 43 Resp: 126180
Ion Ratio Lower Upper
43 100
61 29.3 24.2 36.4
87 14.1 11.0 16.4



#44
Trichloroethene
Concen: 19.222 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion:130 Resp: 107333
Ion Ratio Lower Upper
130 100
95 92.8 0.0 192.4





#45

1,2-Dichloropropane

Concen: 19.573 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

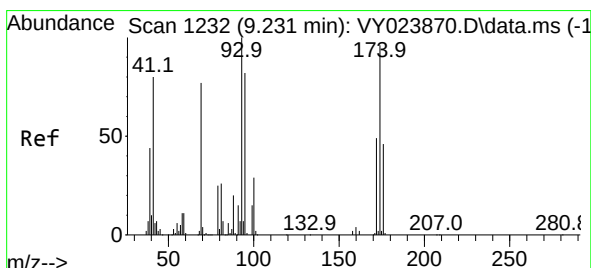
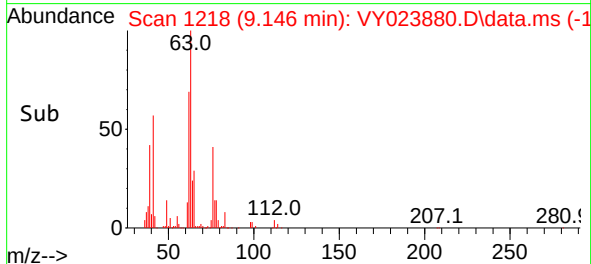
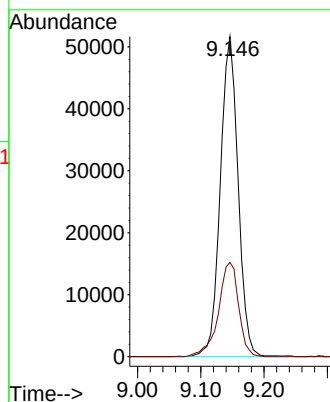
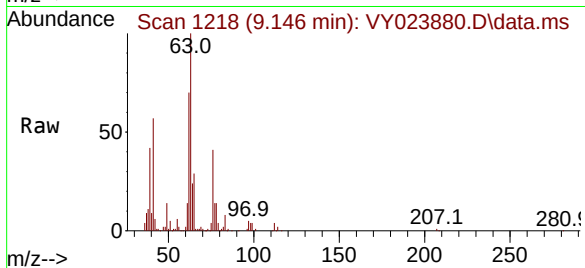
VY1204SBSD01

Tgt Ion: 63 Resp: 100573

Ion Ratio Lower Upper

63 100

65 29.5 25.6 38.4



#46

Dibromomethane

Concen: 20.294 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

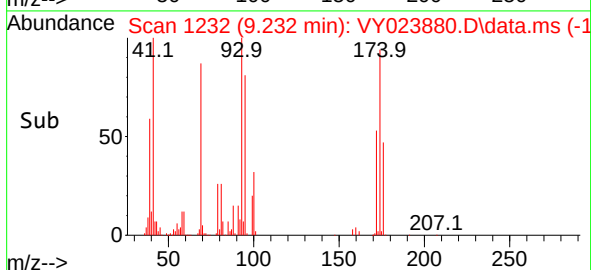
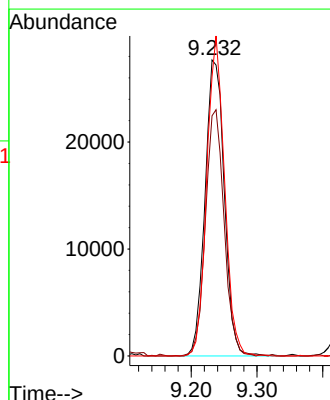
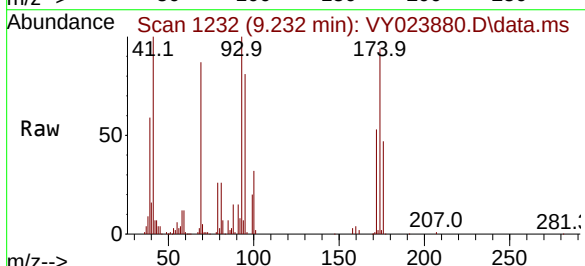
Tgt Ion: 93 Resp: 56455

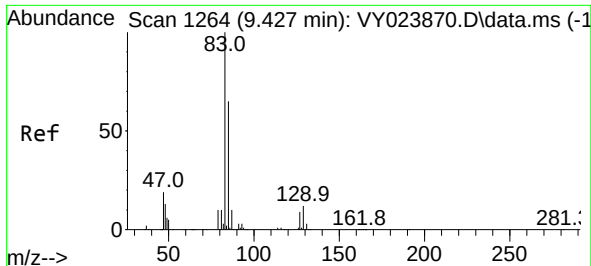
Ion Ratio Lower Upper

93 100

95 80.4 66.4 99.6

174 99.5 81.4 122.0

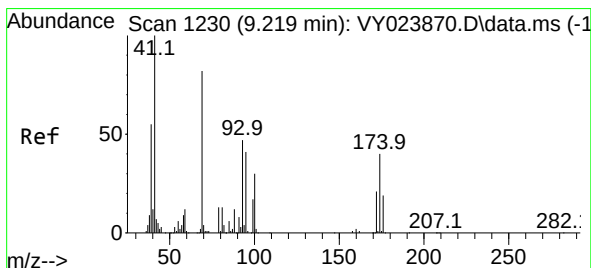
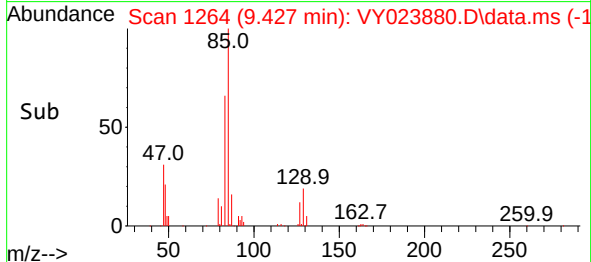
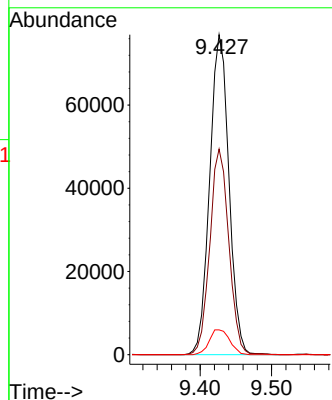
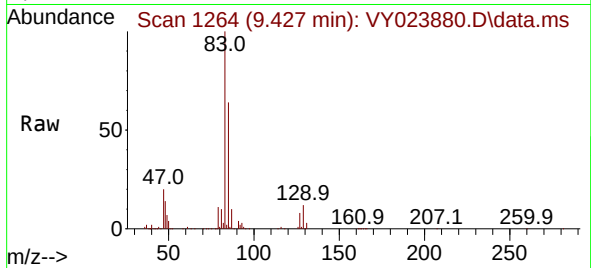




#47
Bromodichloromethane
Concen: 19.562 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

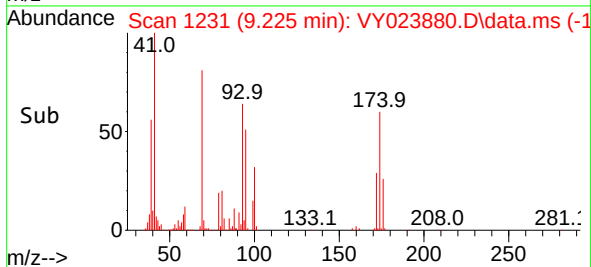
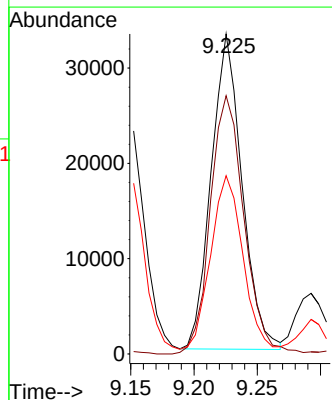
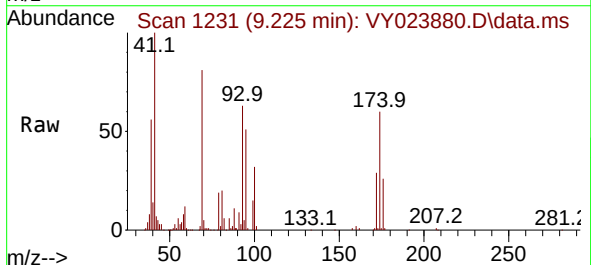
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

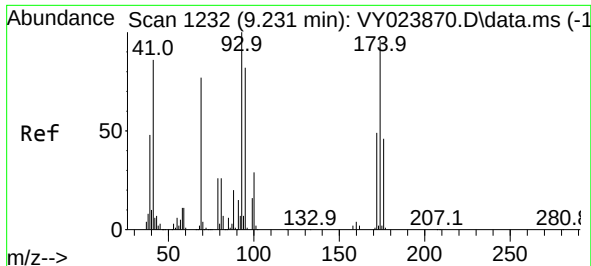
Tgt Ion: 83 Resp: 143574
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4
127 7.7 7.2 10.8



#48
Methyl methacrylate
Concen: 19.335 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 41 Resp: 56031
Ion Ratio Lower Upper
41 100
69 90.0 67.7 101.5
39 57.5 43.4 65.0





#49

1,4-Dioxane

Concen: 405.602 ug/l

RT: 9.238 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

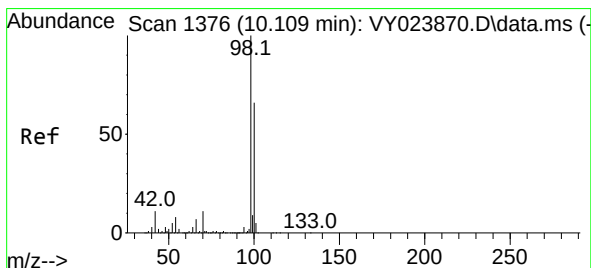
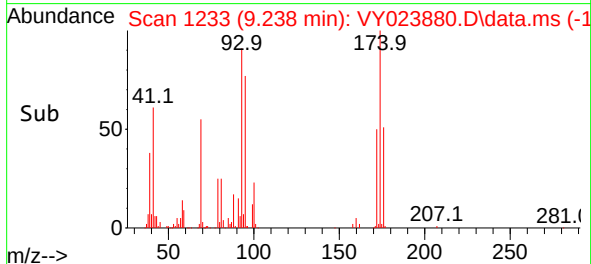
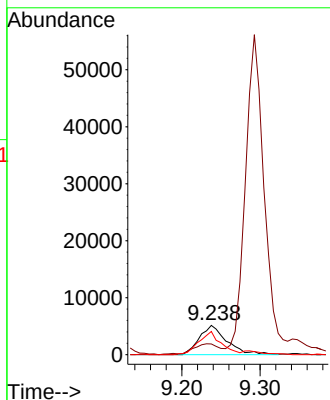
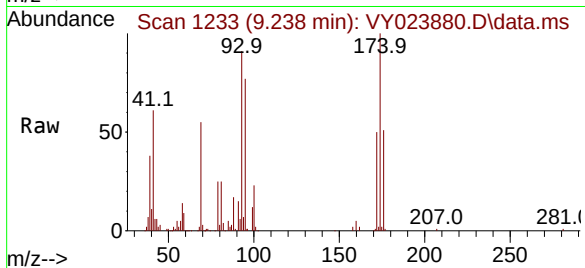
Tgt Ion: 88 Resp: 12546

Ion Ratio Lower Upper

88 100

43 37.8 26.8 40.2

58 64.3 52.4 78.6



#50

Toluene-d8

Concen: 45.293 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023880.D

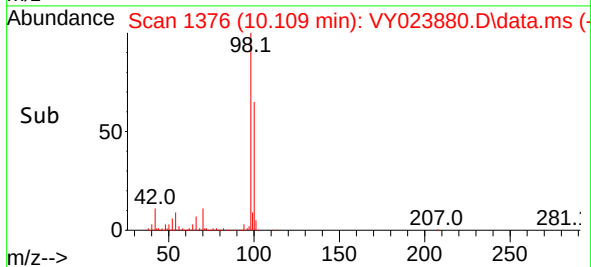
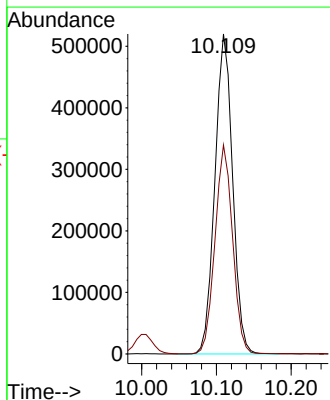
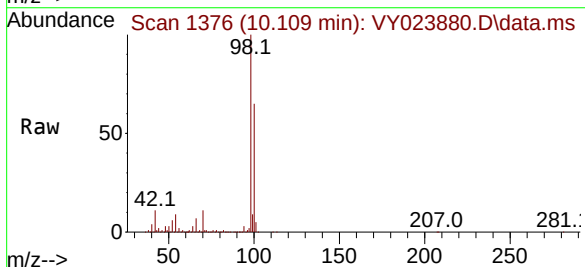
Acq: 04 Dec 2025 09:27

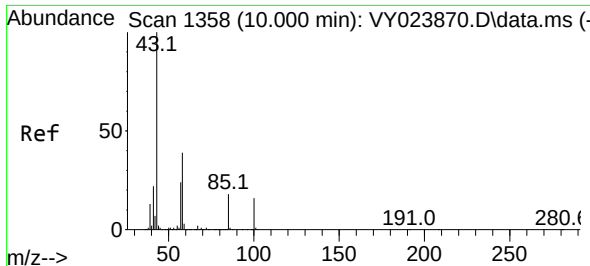
Tgt Ion: 98 Resp: 858194

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

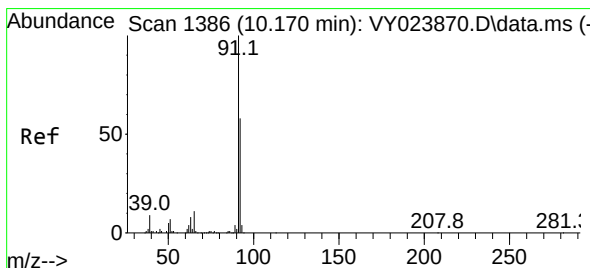
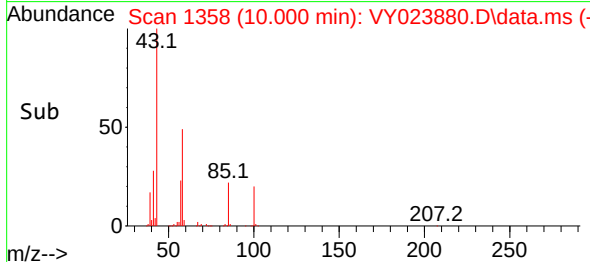
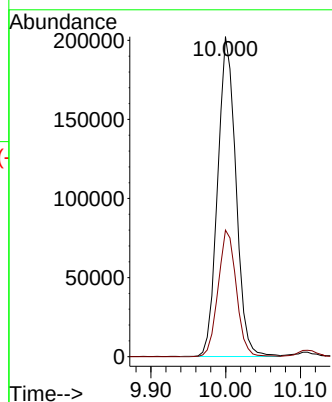
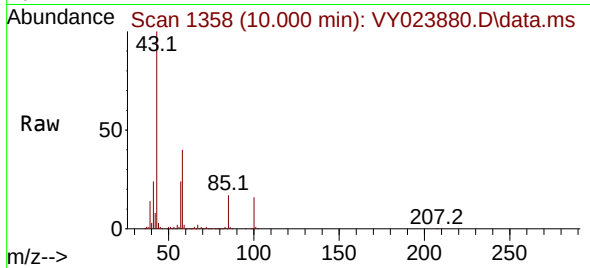




#51
4-Methyl-2-Pentanone
Concen: 105.427 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

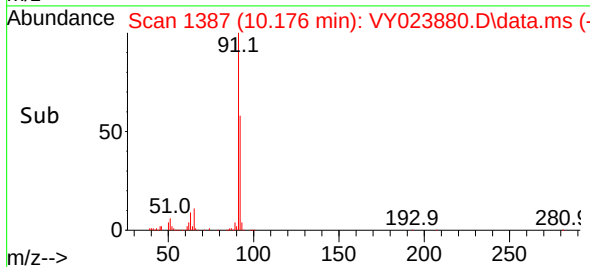
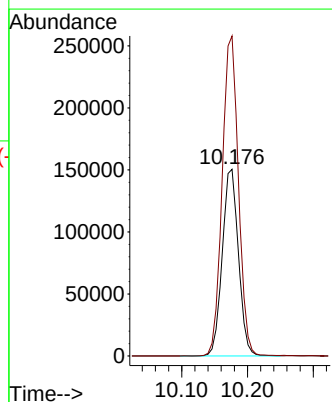
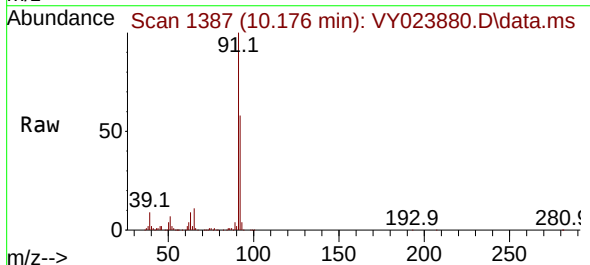
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

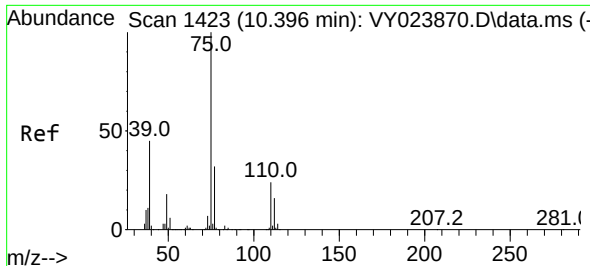
Tgt Ion: 43 Resp: 343882
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.8



#52
Toluene
Concen: 18.966 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 92 Resp: 257750
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9

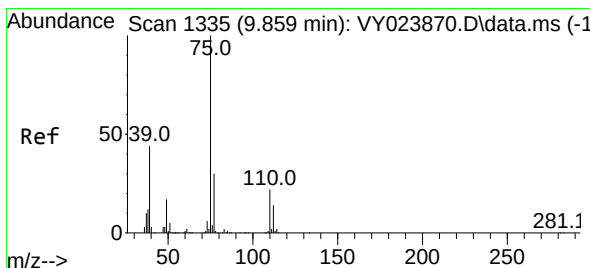
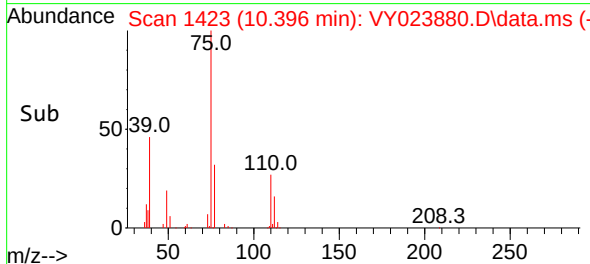
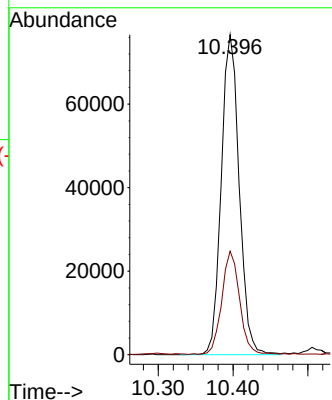
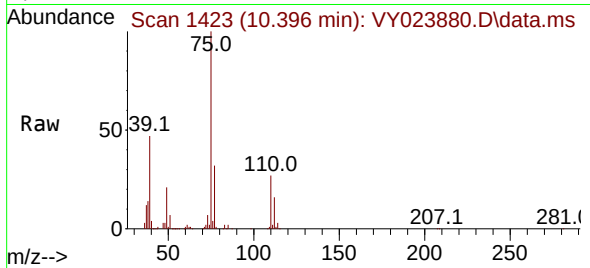




#53
t-1,3-Dichloropropene
Concen: 19.323 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

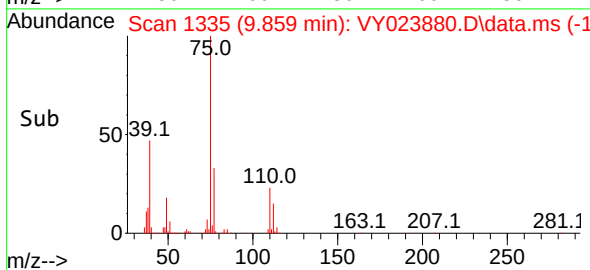
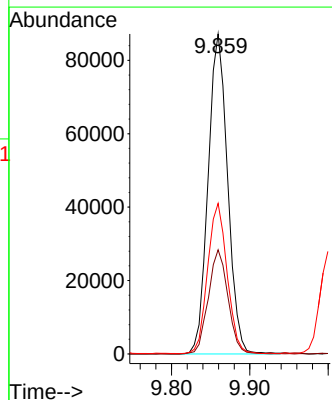
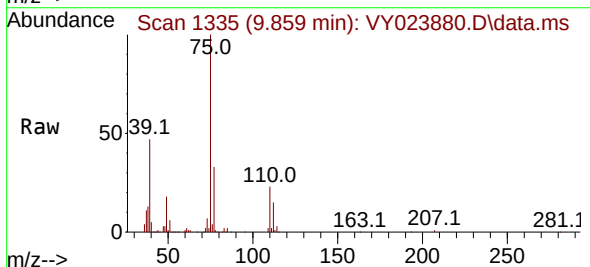
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

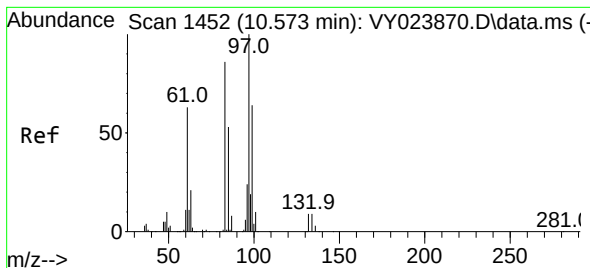
Tgt Ion: 75 Resp: 127993
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 19.354 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 75 Resp: 150967
Ion Ratio Lower Upper
75 100
77 32.6 23.8 35.6
39 47.0 35.5 53.3

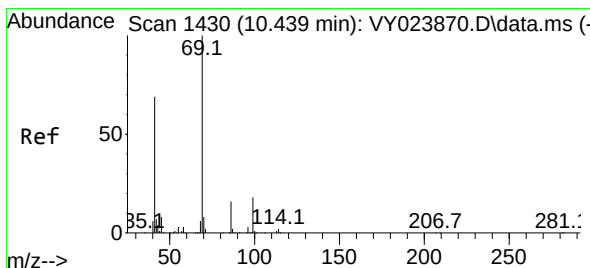
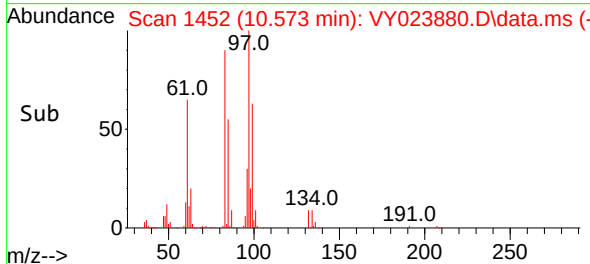
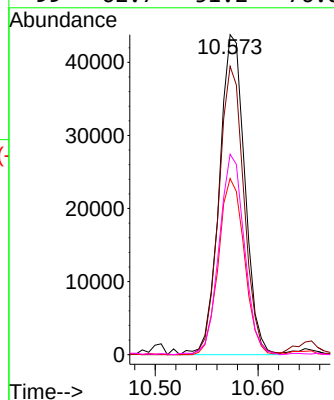
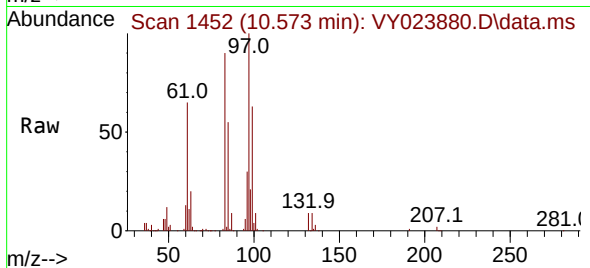




#55
1,1,2-Trichloroethane
Concen: 20.108 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

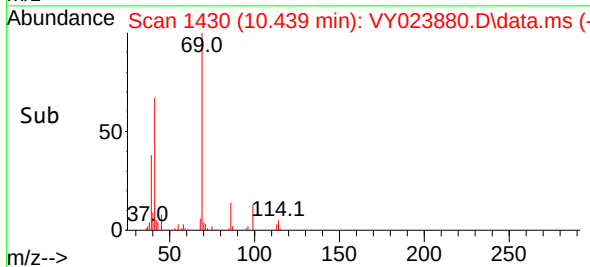
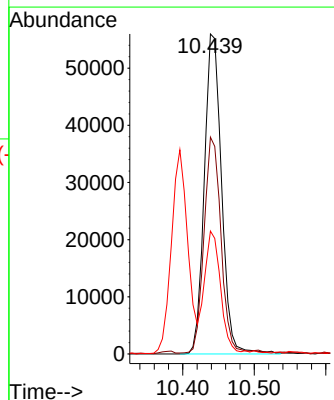
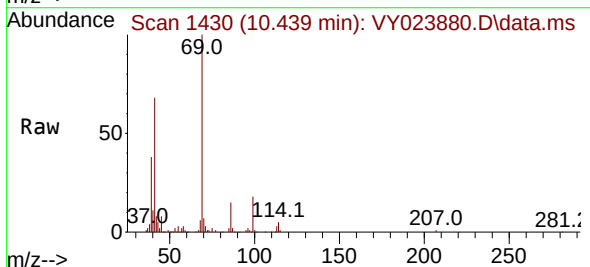
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

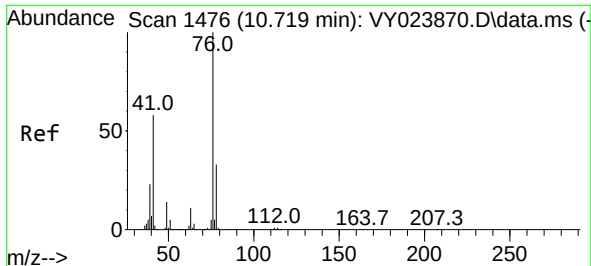
Tgt Ion: 97	Resp: 75508
Ion Ratio	Lower Upper
97 100	
83 90.1	69.0 103.4
85 55.1	42.6 63.8
99 62.7	51.2 76.8



#56
Ethyl methacrylate
Concen: 19.867 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 69	Resp: 93957
Ion Ratio	Lower Upper
69 100	
41 65.8	52.5 78.7
39 34.7	27.1 40.7





#57

1,3-Dichloropropane

Concen: 20.030 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

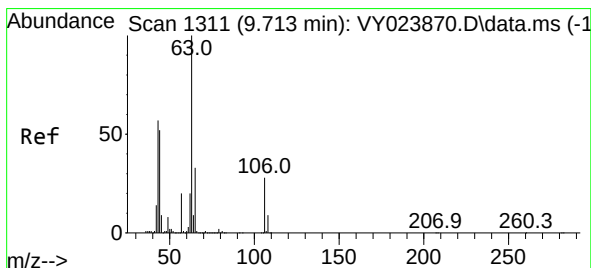
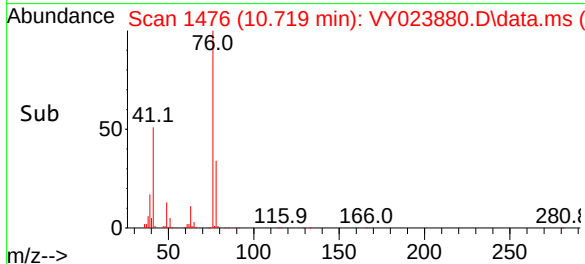
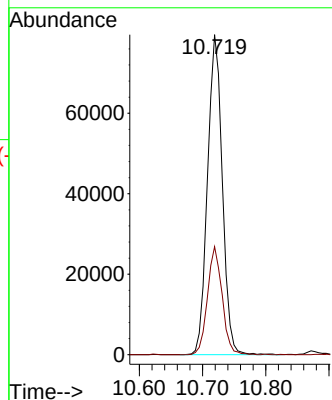
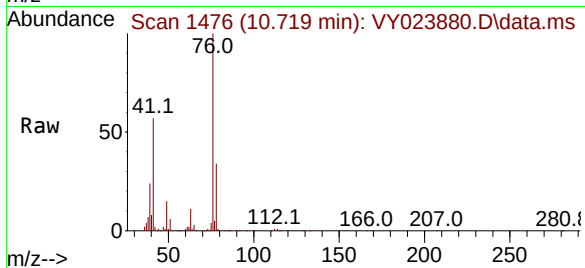
VY1204SBSD01

Tgt Ion: 76 Resp: 129551

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 107.169 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023880.D

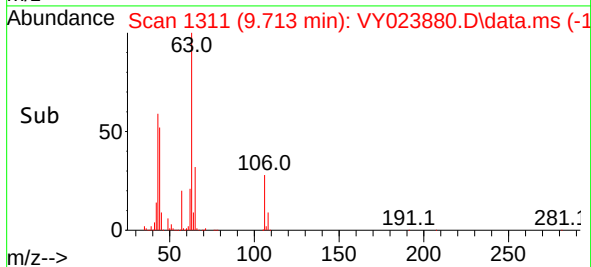
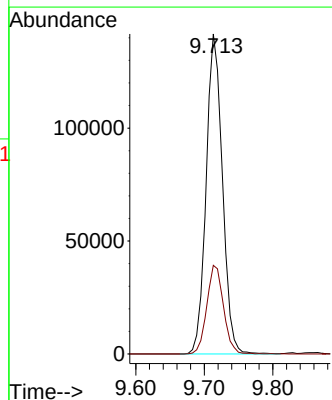
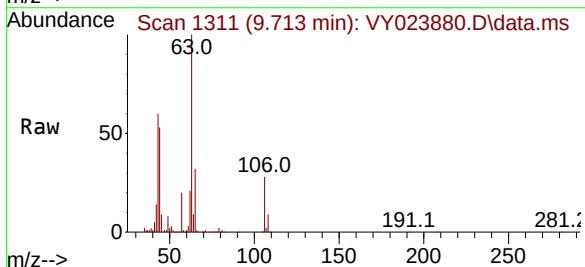
Acq: 04 Dec 2025 09:27

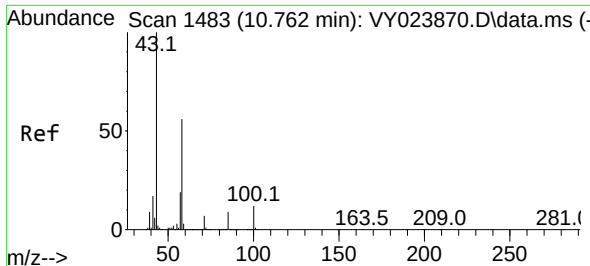
Tgt Ion: 63 Resp: 234179

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7

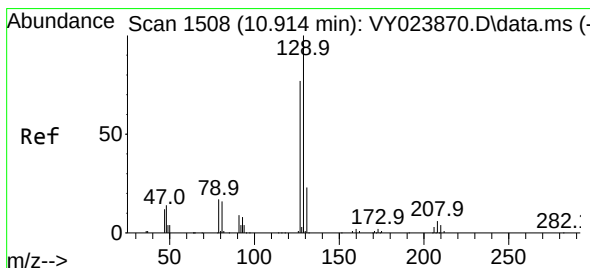
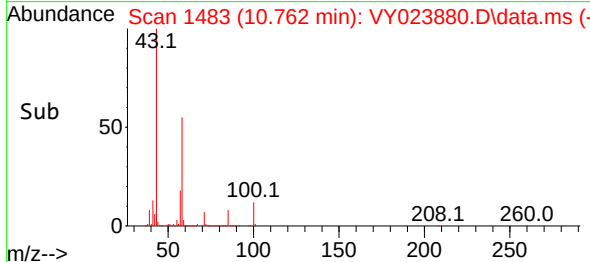
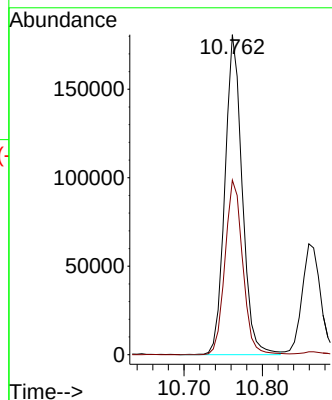
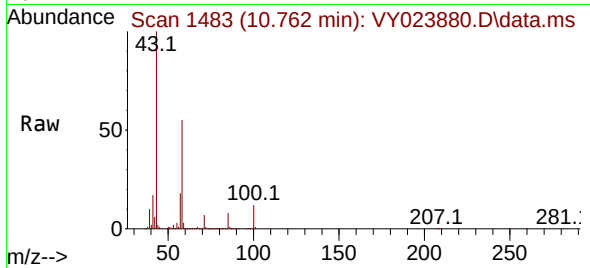




#59
2-Hexanone
Concen: 112.808 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

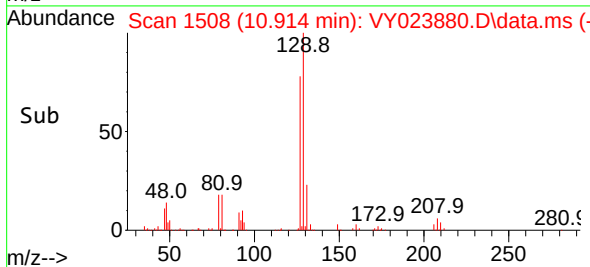
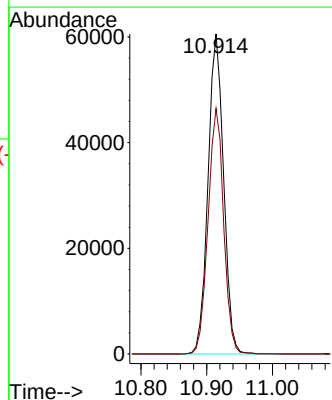
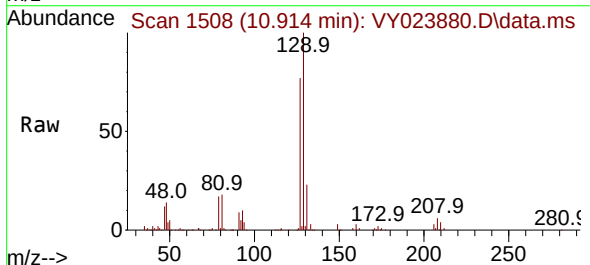
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

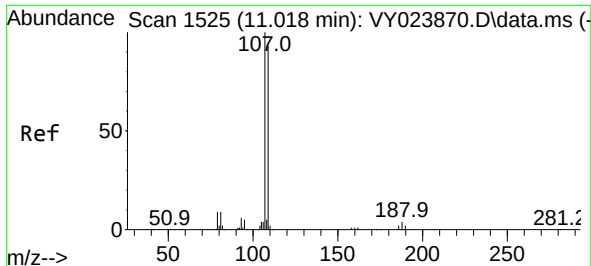
Tgt Ion: 43 Resp: 277513
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 19.807 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 129 Resp: 99737
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.0

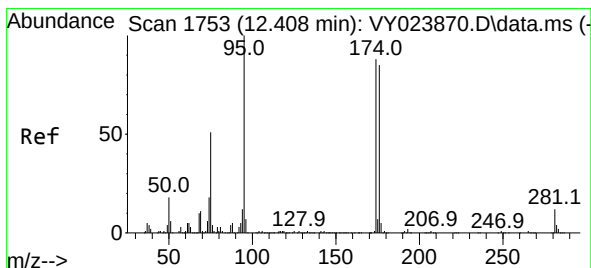
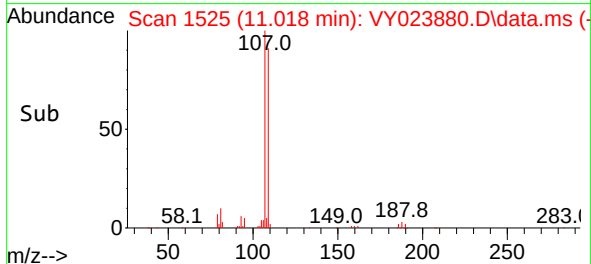
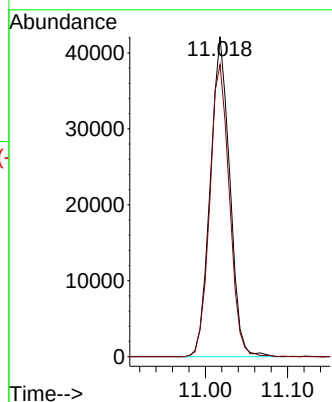
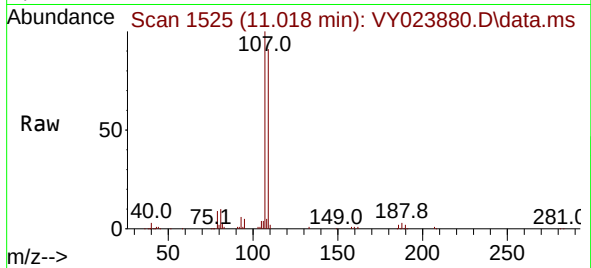




#61
1,2-Dibromoethane
Concen: 20.279 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

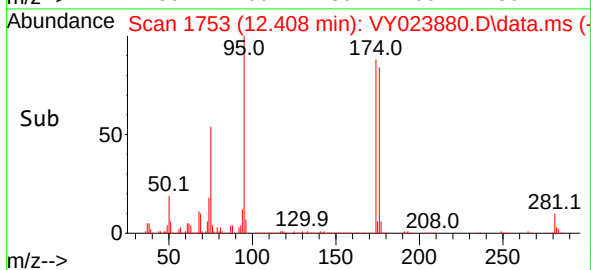
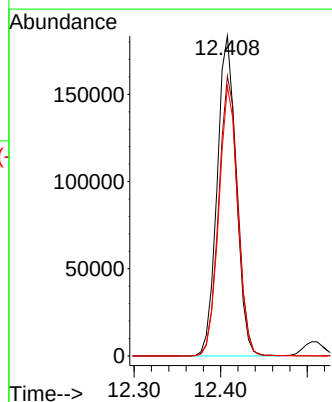
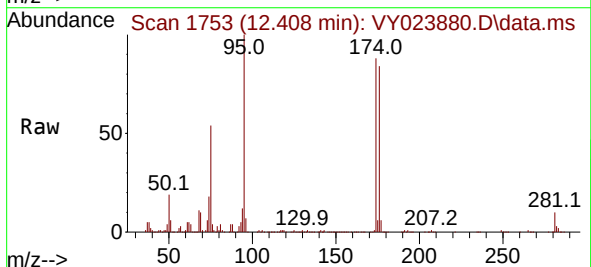
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

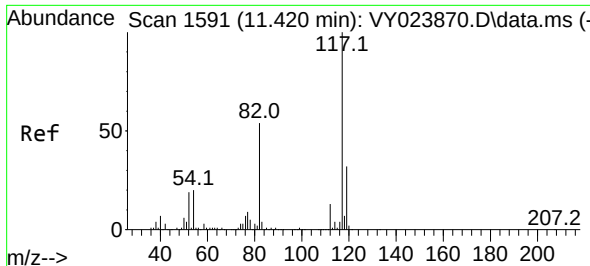
Tgt Ion:107 Resp: 69400
Ion Ratio Lower Upper
107 100
109 91.9 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 43.352 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 95 Resp: 280172
Ion Ratio Lower Upper
95 100
174 88.5 0.0 169.6
176 83.7 0.0 164.4

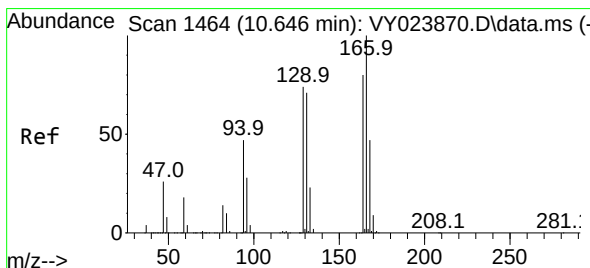
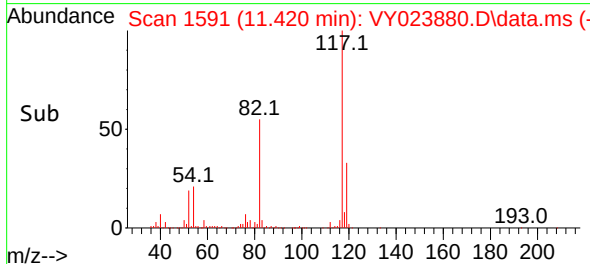
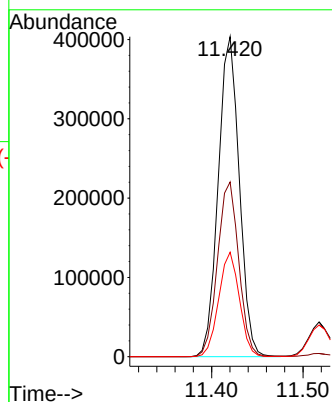
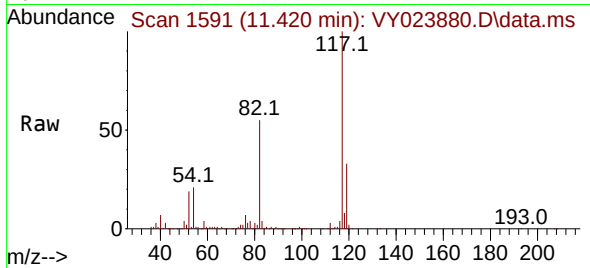




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

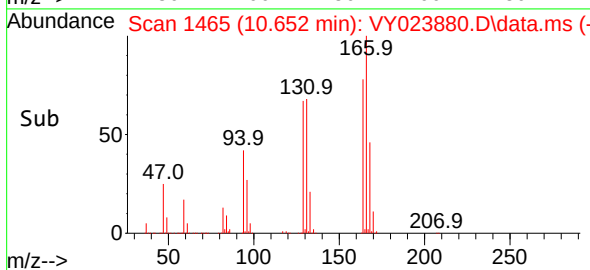
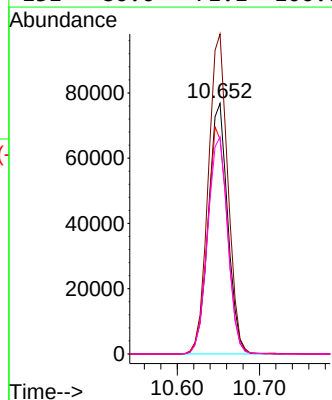
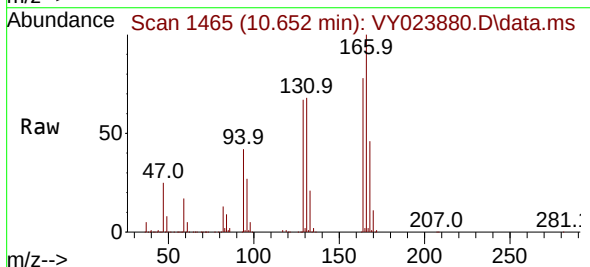
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

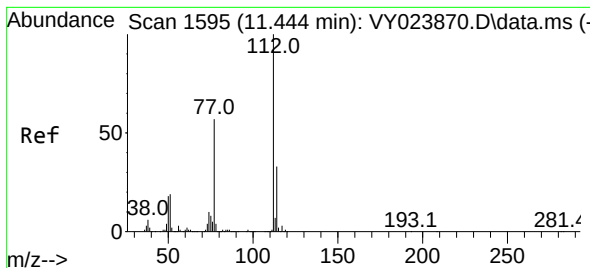
Tgt Ion:117 Resp: 646875
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 19.826 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion:164 Resp: 125502
Ion Ratio Lower Upper
164 100
166 127.7 100.2 150.4
129 85.6 74.4 111.6
131 86.6 71.1 106.7

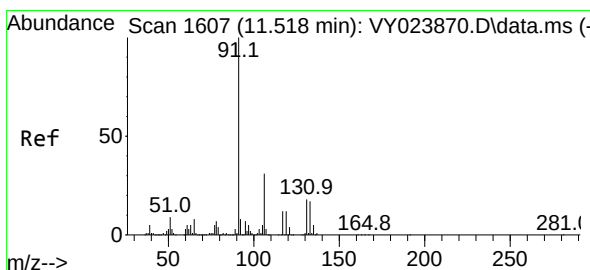
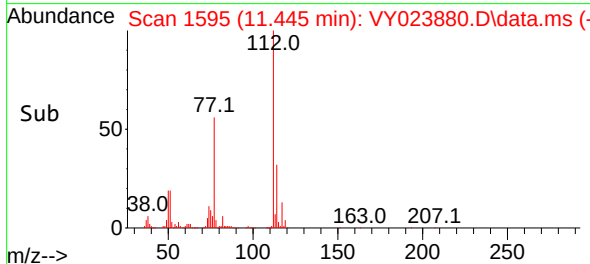
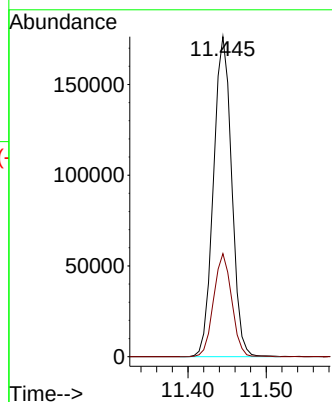
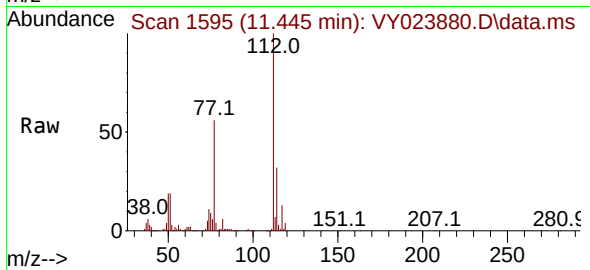




#65
Chlorobenzene
Concen: 19.306 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

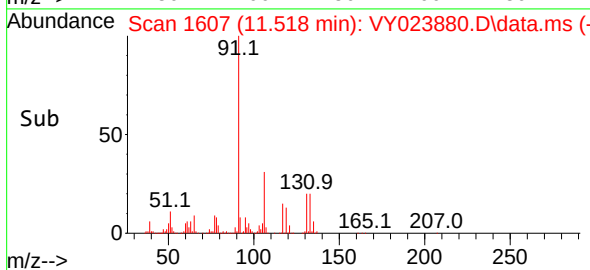
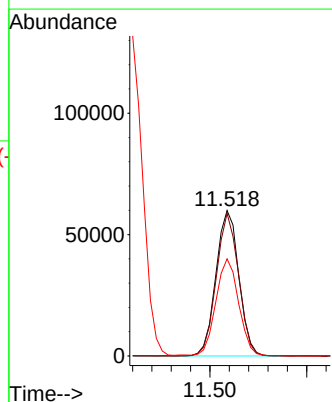
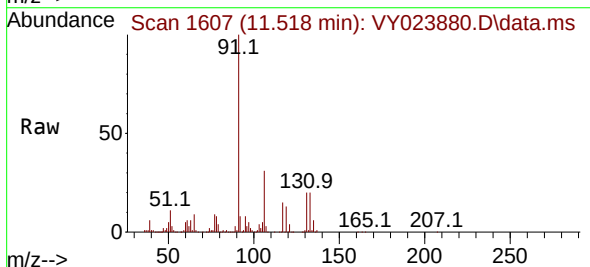
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

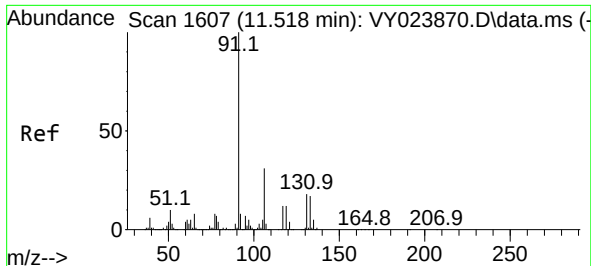
Tgt Ion:112 Resp: 285051
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion:131 Resp: 98303
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 66.7 32.5 97.4





#67

Ethyl Benzene

Concen: 18.983 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

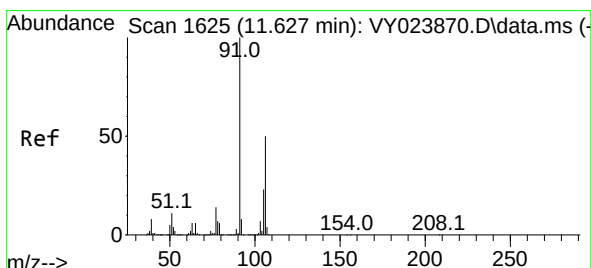
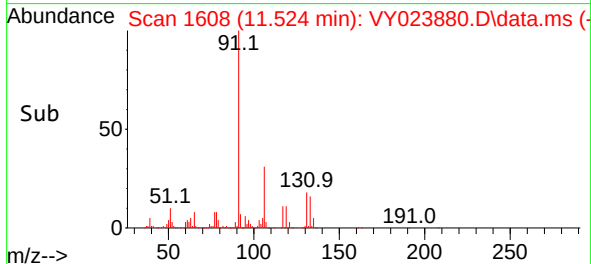
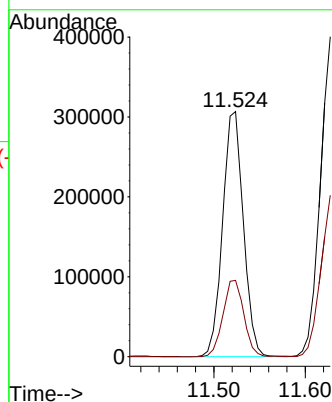
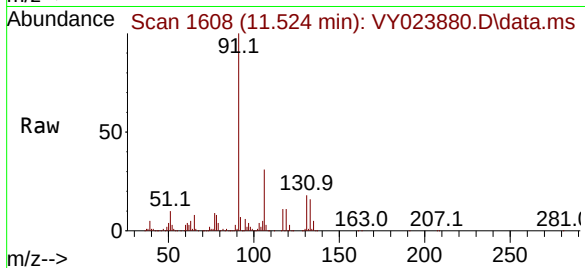
VY1204SBS01

Tgt Ion: 91 Resp: 484528

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 38.569 ug/l

RT: 11.634 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023880.D

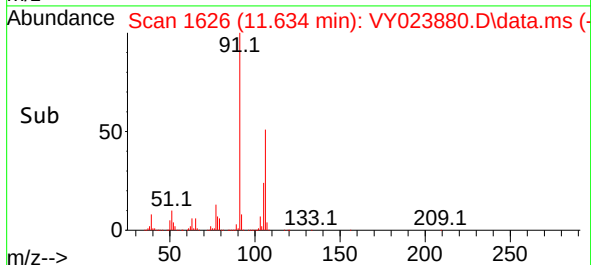
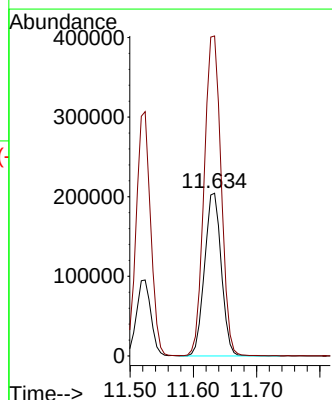
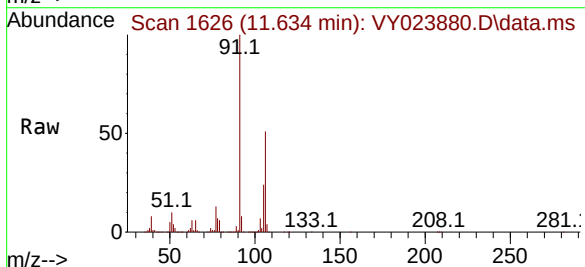
Acq: 04 Dec 2025 09:27

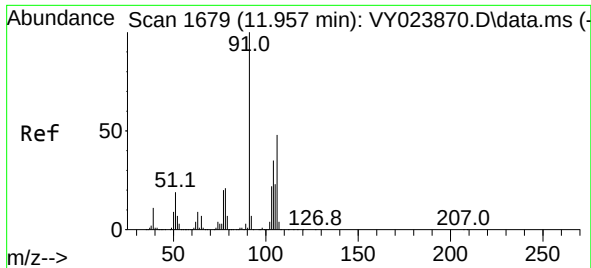
Tgt Ion: 106 Resp: 376283

Ion Ratio Lower Upper

106 100

91 199.5 159.7 239.5

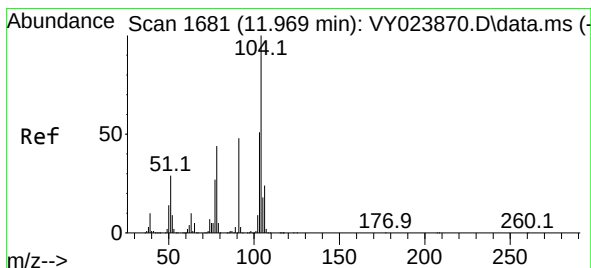
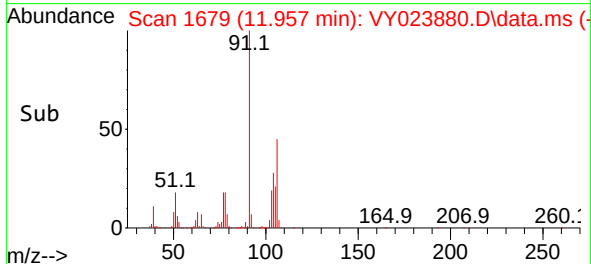
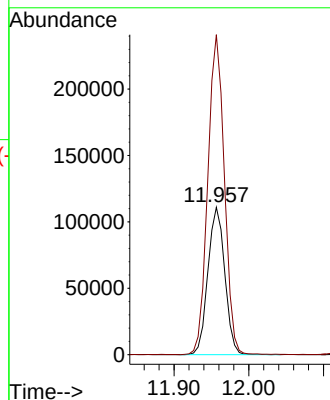
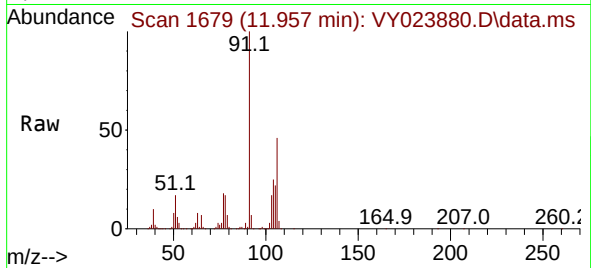




#69
o-Xylene
Concen: 19.040 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

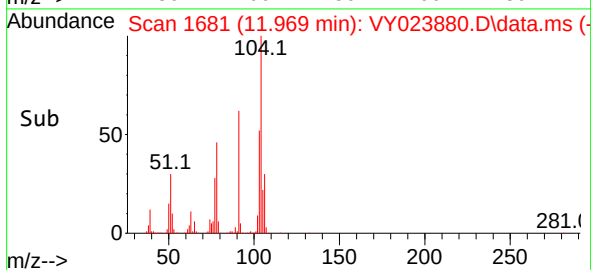
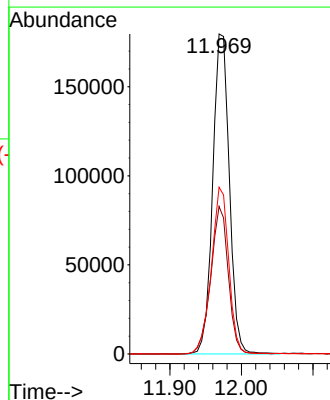
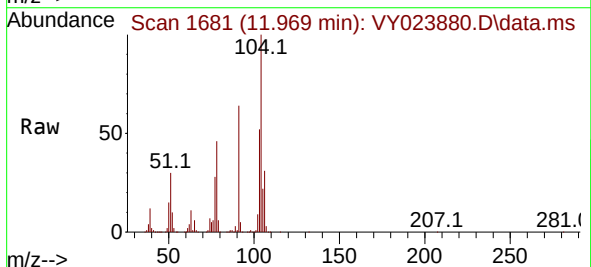
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

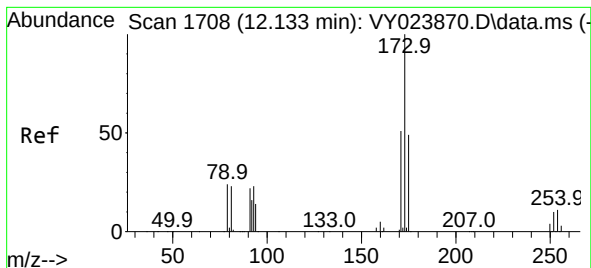
Tgt Ion:106 Resp: 173745
Ion Ratio Lower Upper
106 100
91 213.7 104.4 313.1



#70
Styrene
Concen: 19.297 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion:104 Resp: 290271
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 54.6 43.9 65.9





#71

Bromoform

Concen: 20.844 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

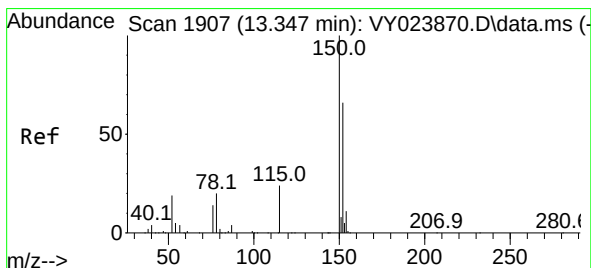
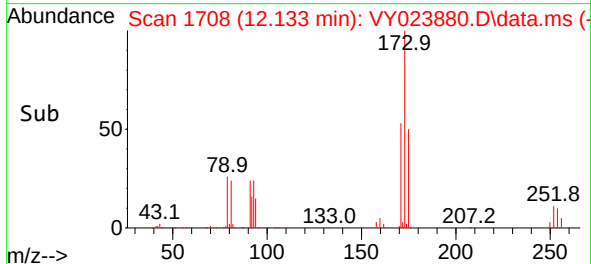
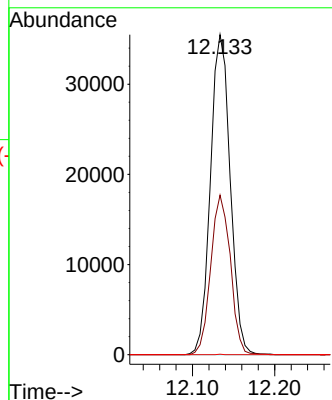
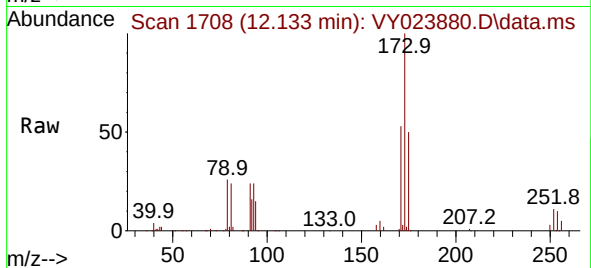
Tgt Ion:173 Resp: 59329

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

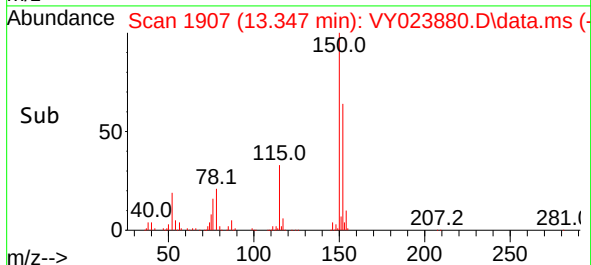
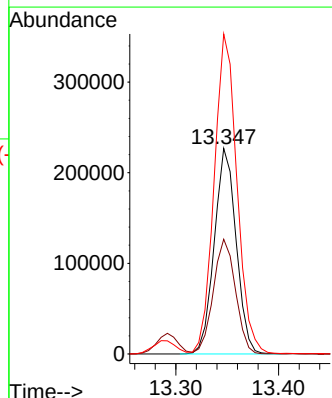
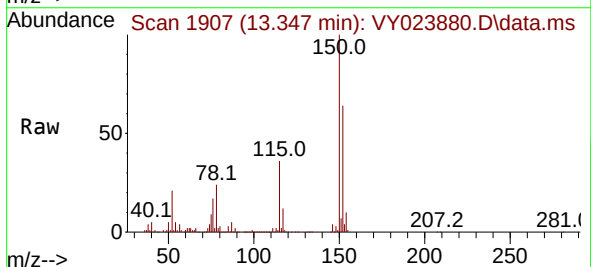
Tgt Ion:152 Resp: 334707

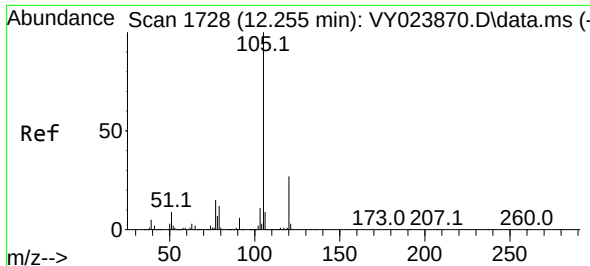
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.4

150 162.7 0.0 352.2

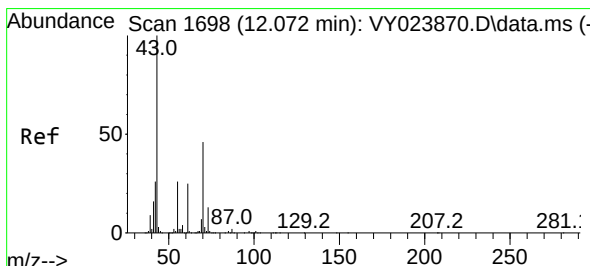
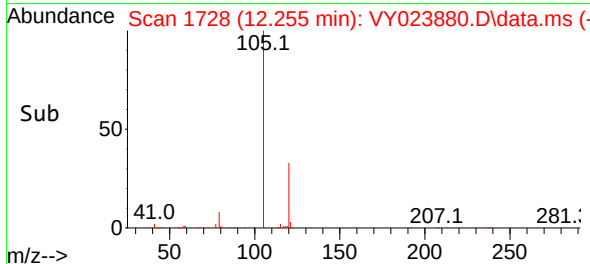
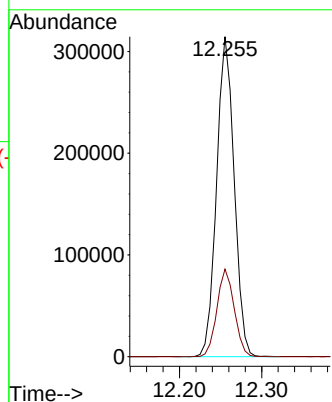
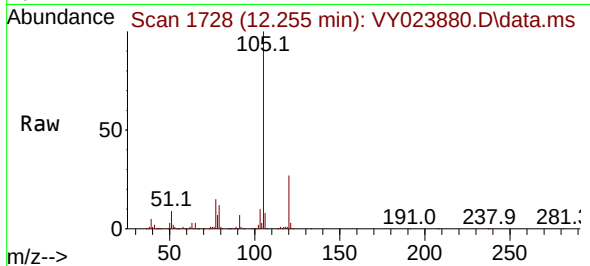




#73
Isopropylbenzene
Concen: 18.956 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

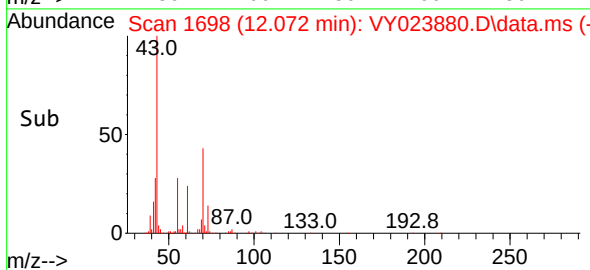
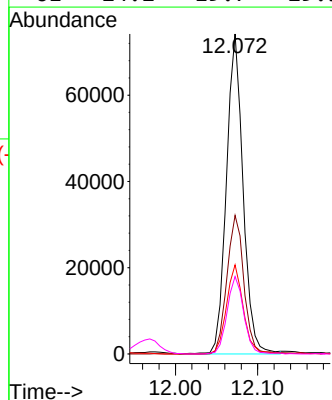
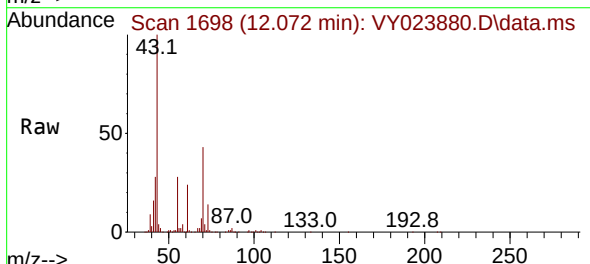
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

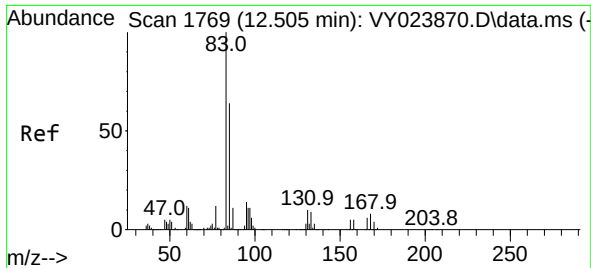
Tgt Ion:105 Resp: 467465
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 19.603 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 43 Resp: 104767
Ion Ratio Lower Upper
43 100
70 44.6 35.5 53.3
55 28.3 21.1 31.7
61 24.2 19.7 29.5

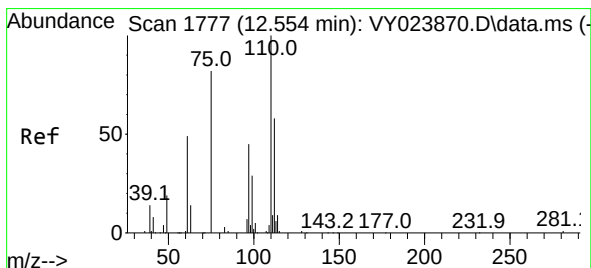
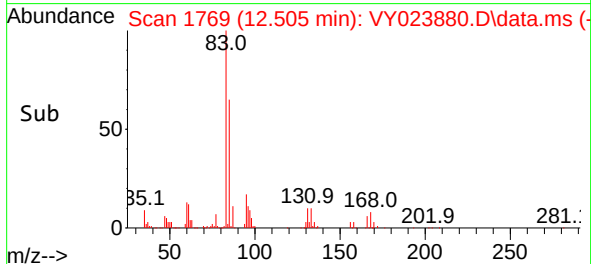
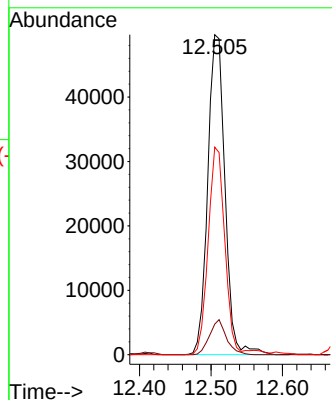
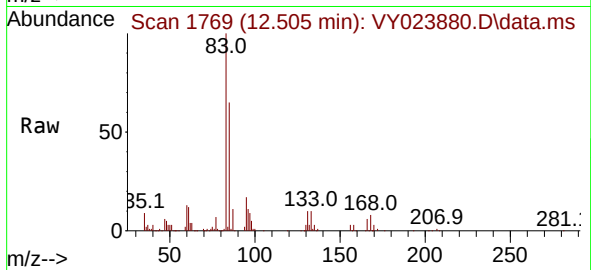




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.908 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

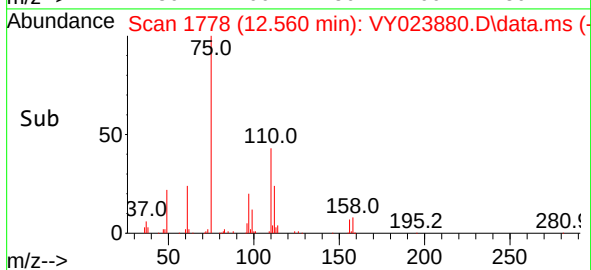
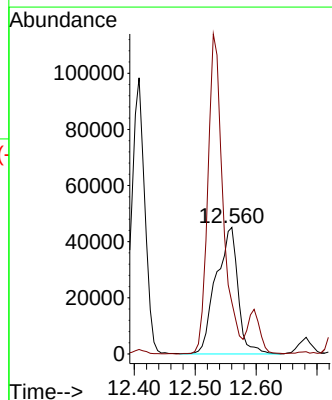
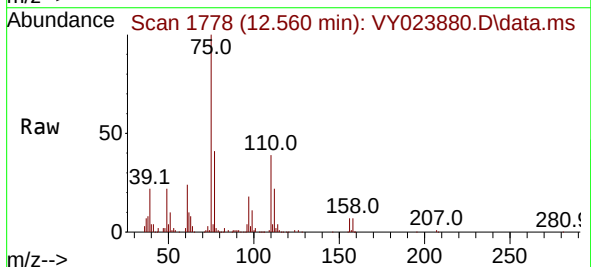
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

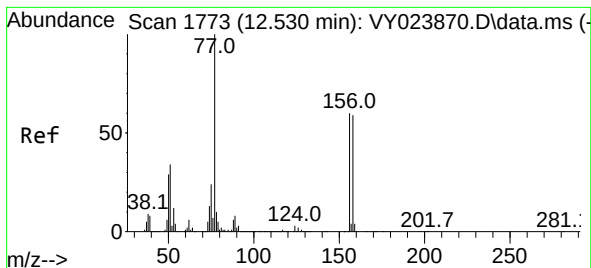
Tgt Ion: 83 Resp: 83188
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 15.9
 85 62.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 34.103 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Tgt Ion: 75 Resp: 113160
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

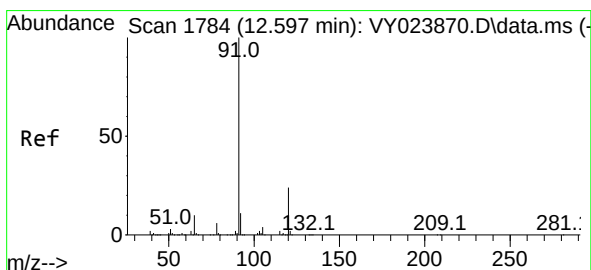
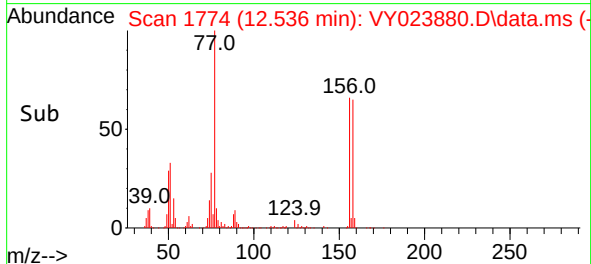
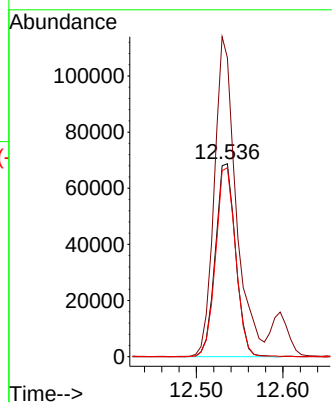
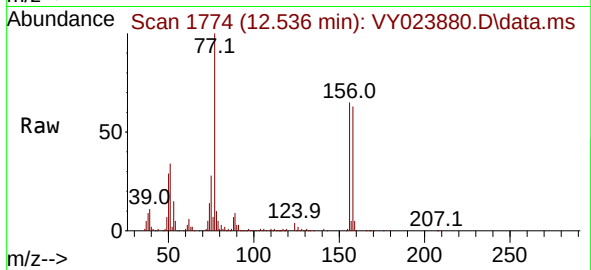




#77
Bromobenzene
Concen: 19.405 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

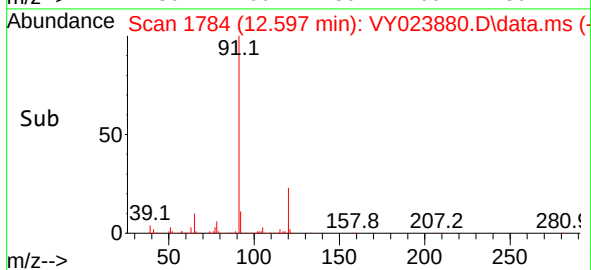
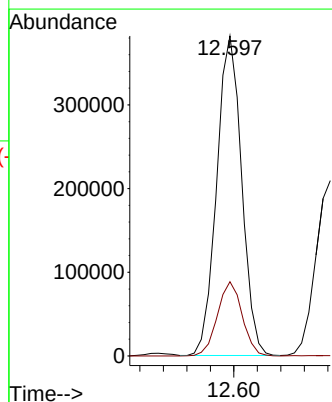
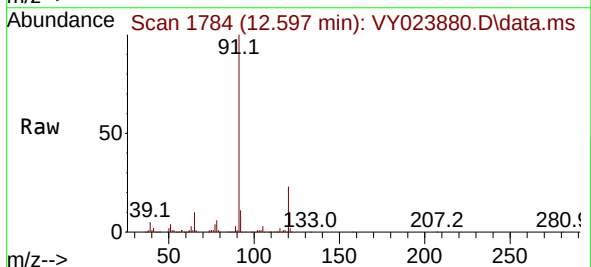
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

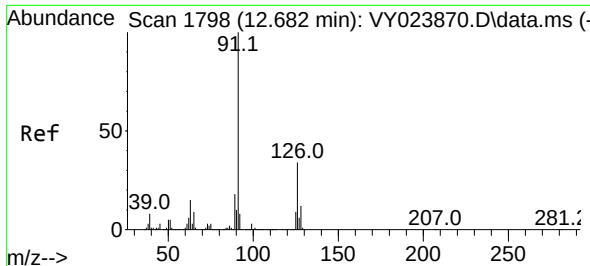
Tgt Ion:156 Resp: 111134
Ion Ratio Lower Upper
156 100
77 178.9 89.6 268.9
158 97.2 48.6 145.8



#78
n-propylbenzene
Concen: 18.935 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 91 Resp: 563465
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

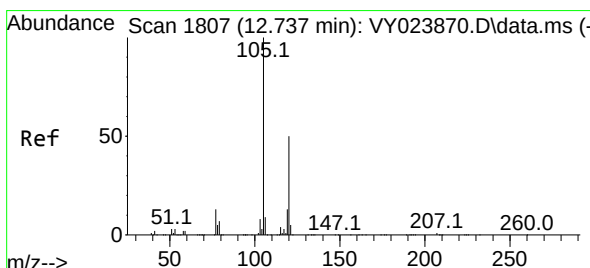
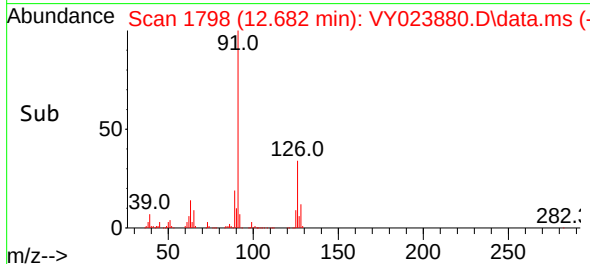
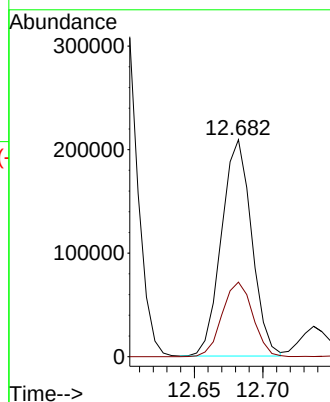
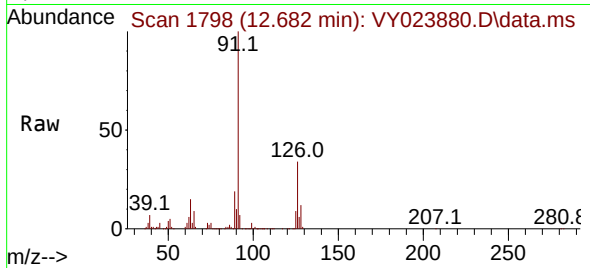




#79
2-Chlorotoluene
Concen: 19.044 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

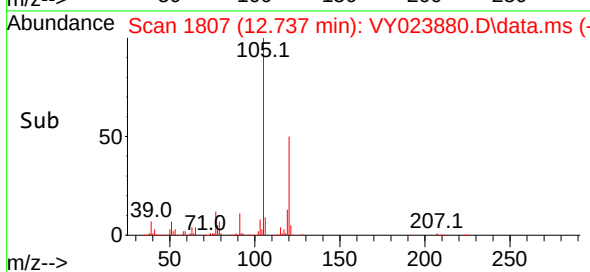
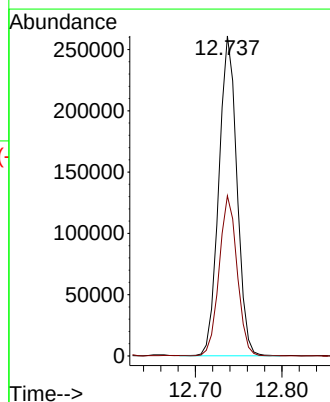
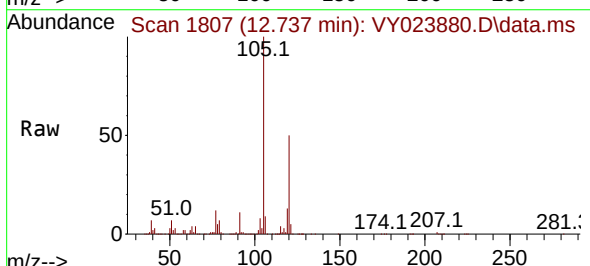
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

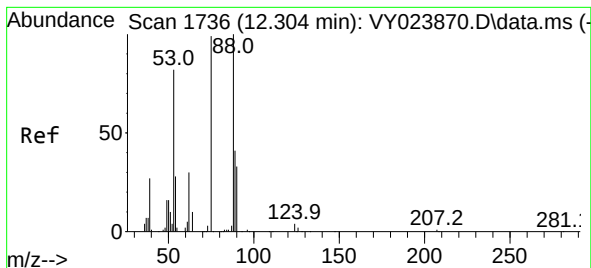
Tgt Ion: 91 Resp: 321846
Ion Ratio Lower Upper
91 100
126 34.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 18.870 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 105 Resp: 378098
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6

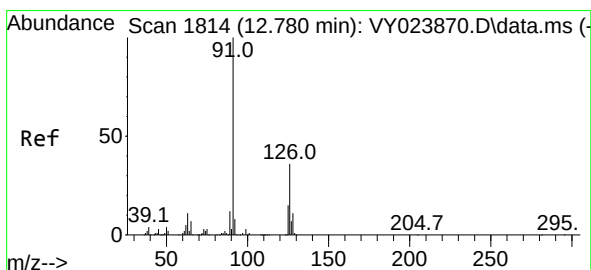
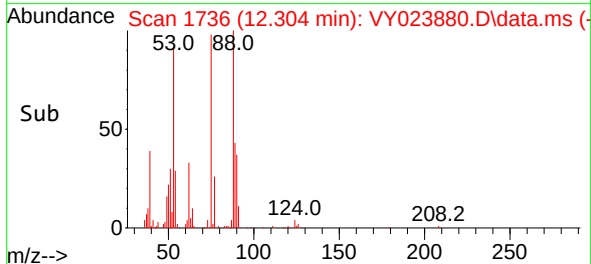
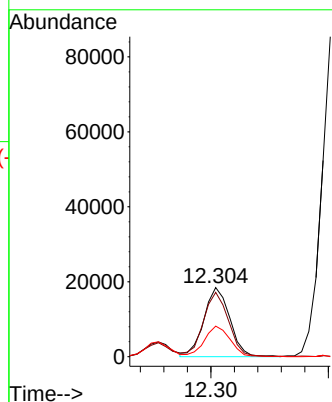
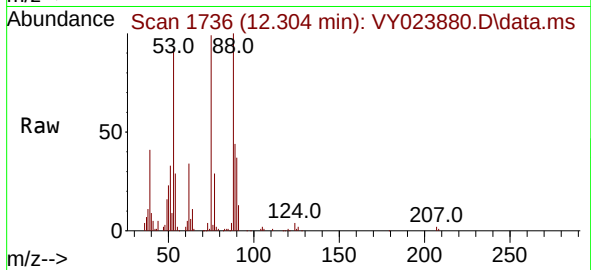




#81
trans-1,4-Dichloro-2-butene
Concen: 20.389 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

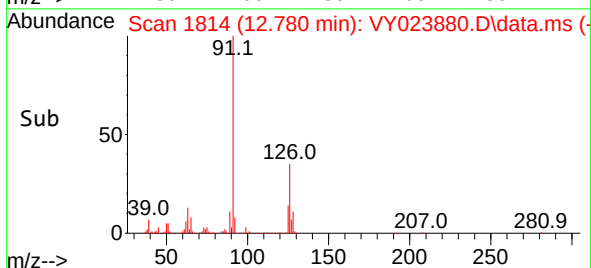
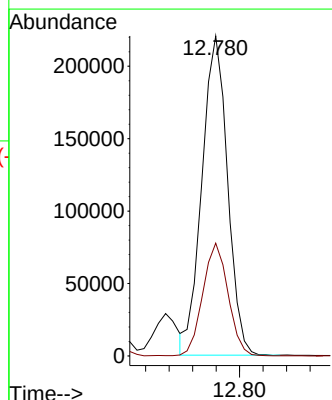
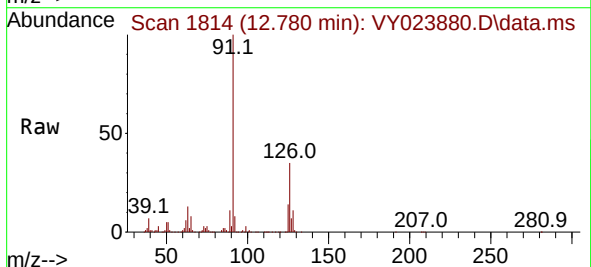
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

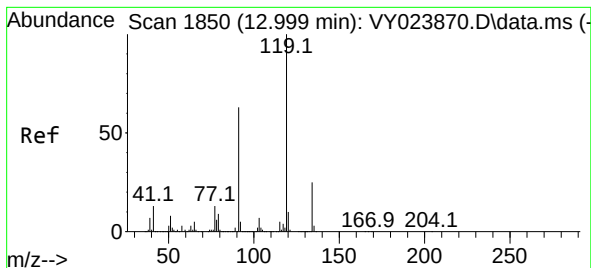
Tgt Ion: 75 Resp: 28247
Ion Ratio Lower Upper
75 100
53 90.7 71.1 106.7
89 44.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.995 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023880.D
Acq: 04 Dec 2025 09:27

Tgt Ion: 91 Resp: 332806
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.813 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

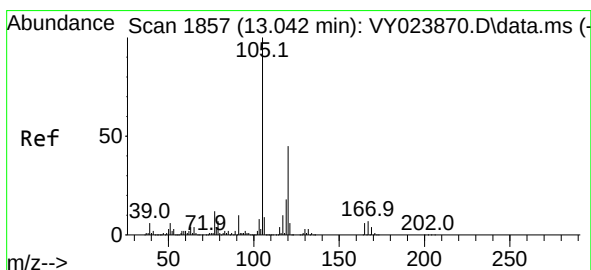
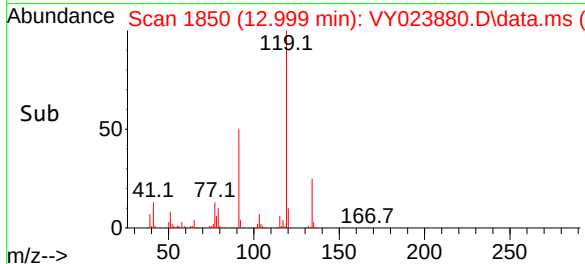
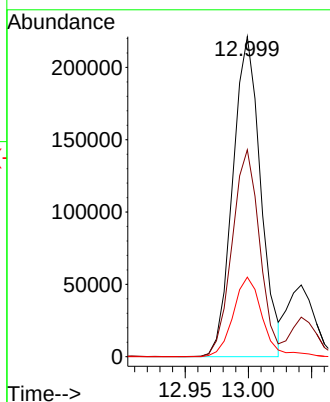
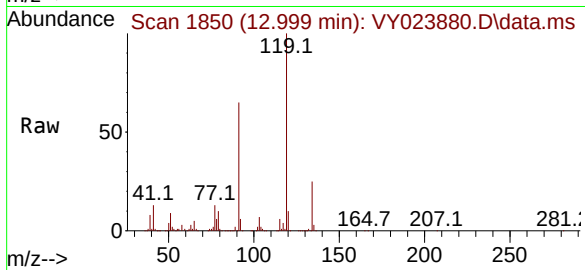
Tgt Ion:119 Resp: 339845

Ion Ratio Lower Upper

119 100

91 63.7 31.8 95.3

134 26.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.152 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023880.D

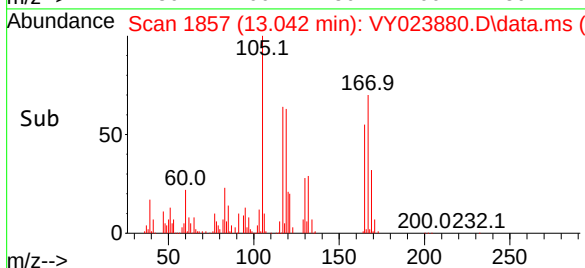
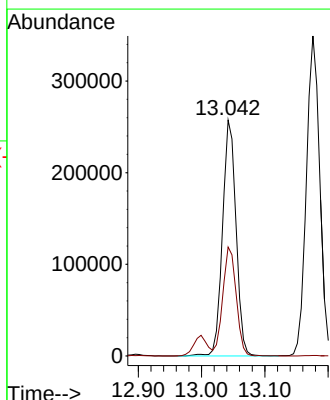
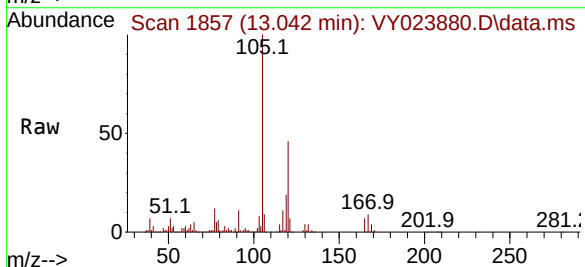
Acq: 04 Dec 2025 09:27

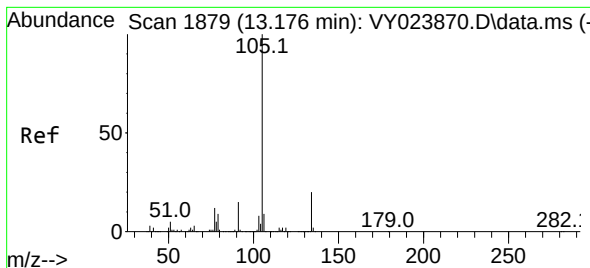
Tgt Ion:105 Resp: 380179

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.045 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

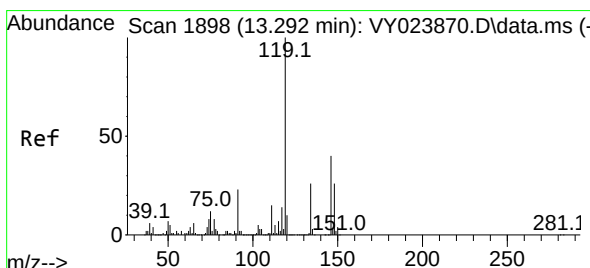
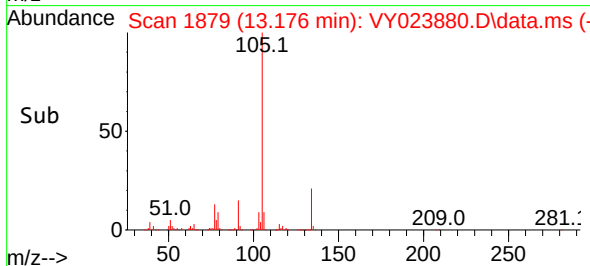
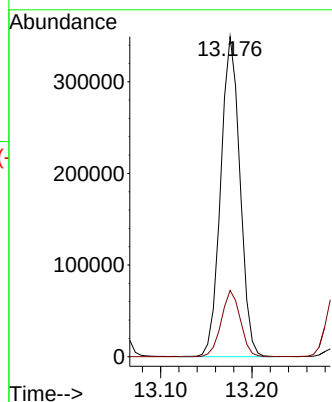
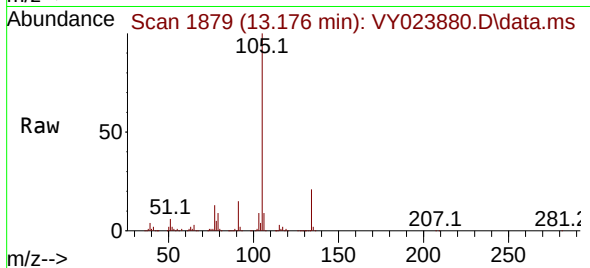
VY1204SBSD01

Tgt Ion:105 Resp: 511759

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3



#86

p-Isopropyltoluene

Concen: 19.019 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

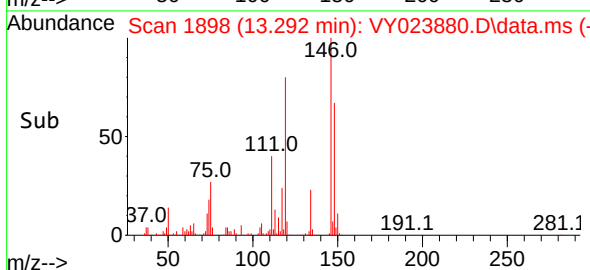
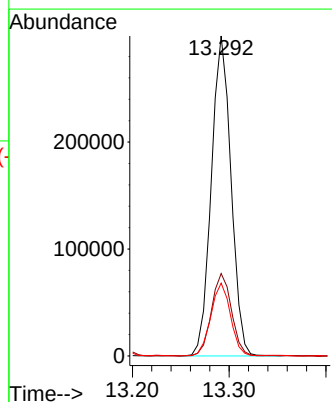
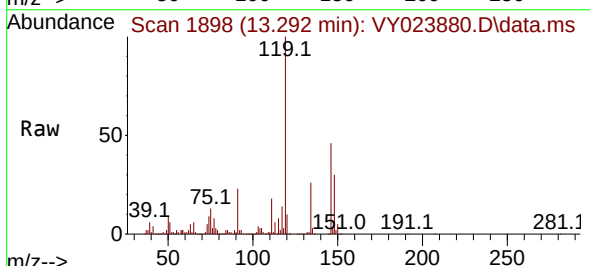
Tgt Ion:119 Resp: 423161

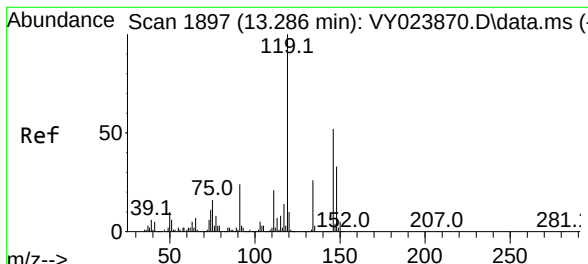
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.6 11.6 34.8



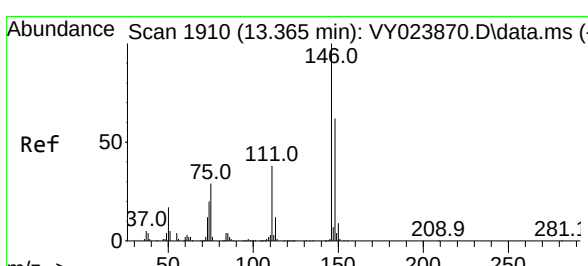
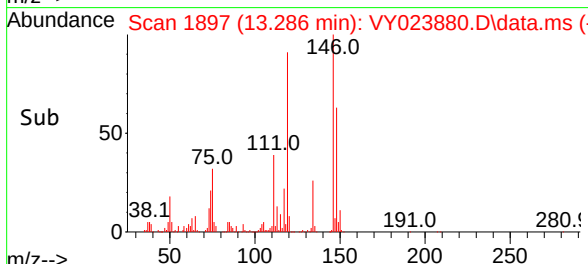
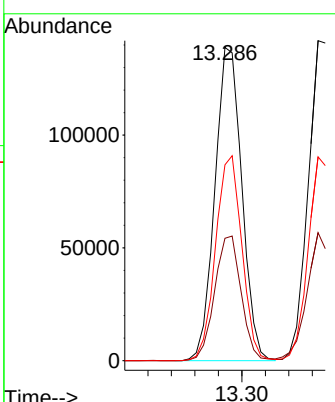
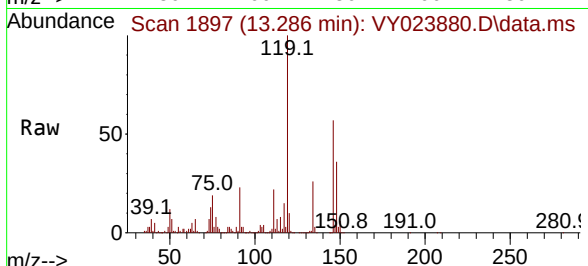


#87
 1,3-Dichlorobenzene
 Concen: 19.182 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

Tgt Ion:146 Resp: 221334

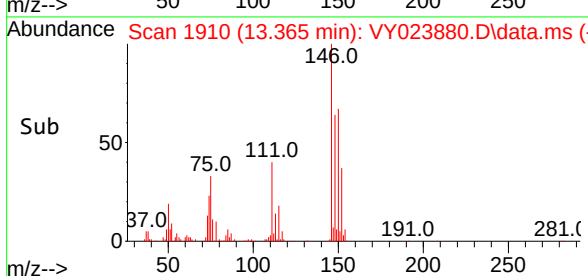
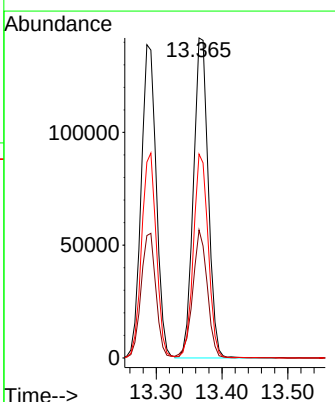
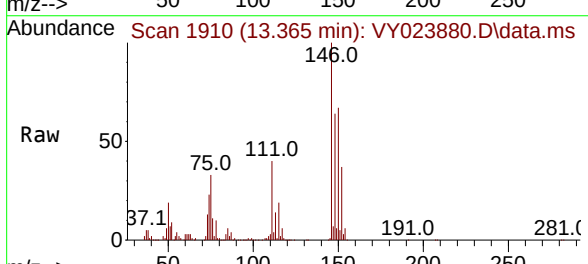
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	63.9	32.0	96.2

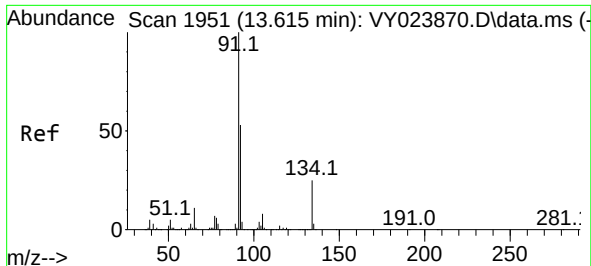


#88
 1,4-Dichlorobenzene
 Concen: 19.634 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Tgt Ion:146 Resp: 222171

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	63.2	32.0	96.2





#89

n-Butylbenzene

Concen: 18.535 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

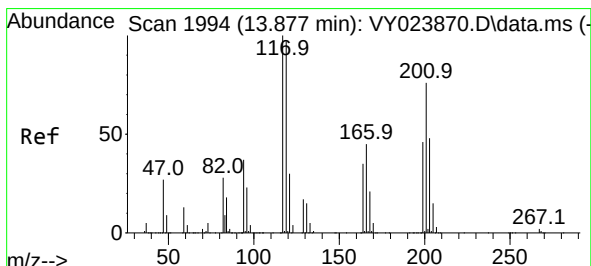
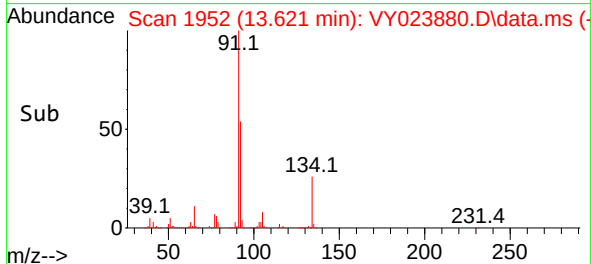
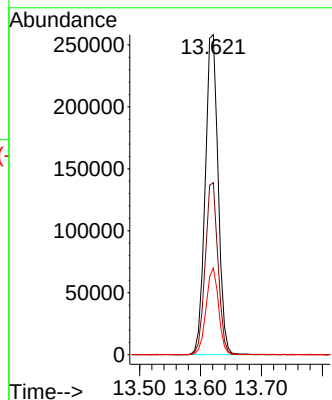
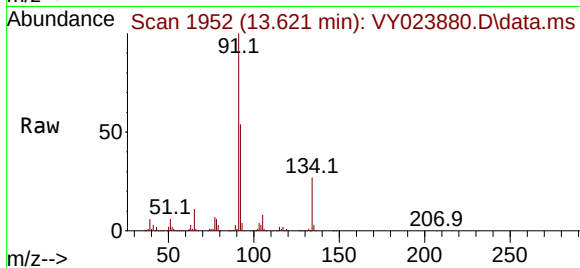
Tgt Ion: 91 Resp: 381680

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.0

134 26.2 13.0 39.0



#90

Hexachloroethane

Concen: 18.880 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023880.D

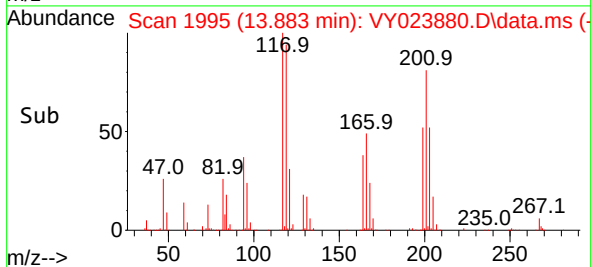
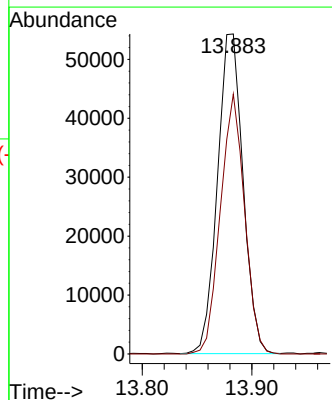
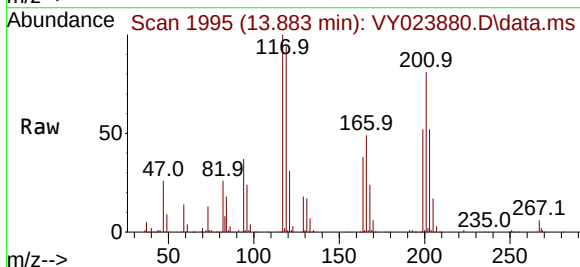
Acq: 04 Dec 2025 09:27

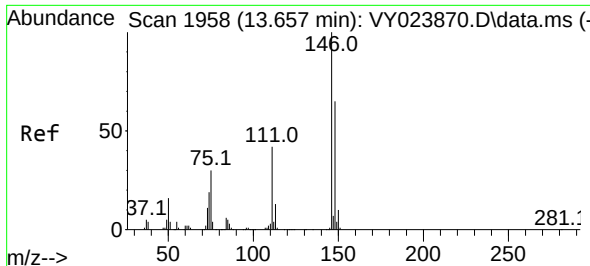
Tgt Ion: 117 Resp: 88124

Ion Ratio Lower Upper

117 100

201 76.6 39.1 117.2

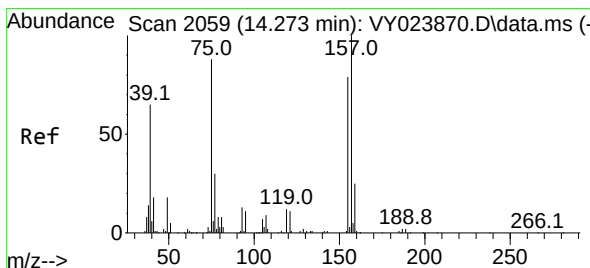
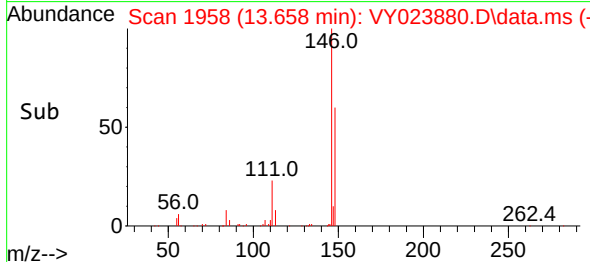
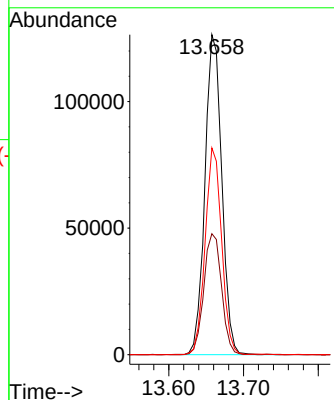
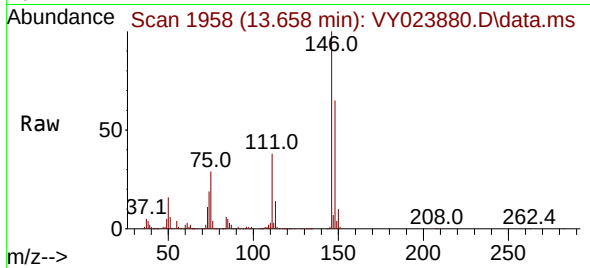




#91
 1,2-Dichlorobenzene
 Concen: 19.708 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

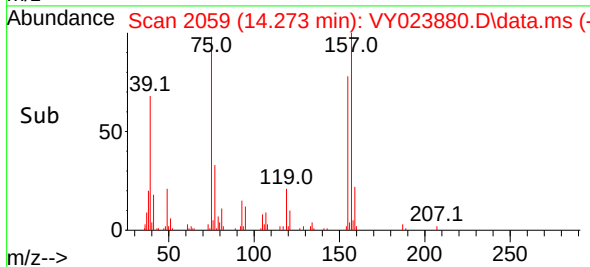
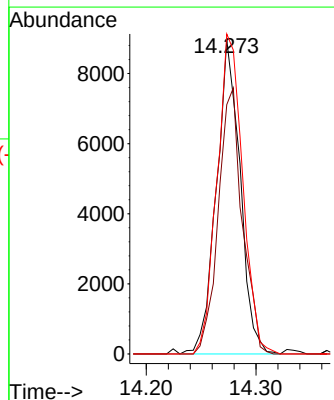
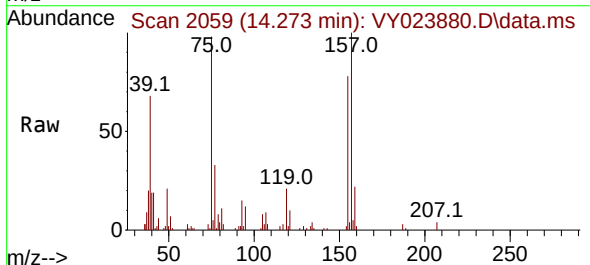
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

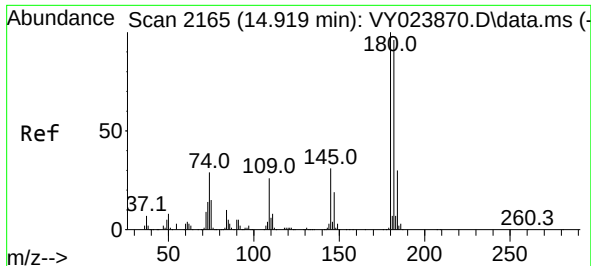
Tgt Ion:146 Resp: 197788
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.4 61.3
 148 63.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.527 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Tgt Ion: 75 Resp: 13467
 Ion Ratio Lower Upper
 75 100
 155 86.1 44.4 133.2
 157 110.5 57.5 172.3

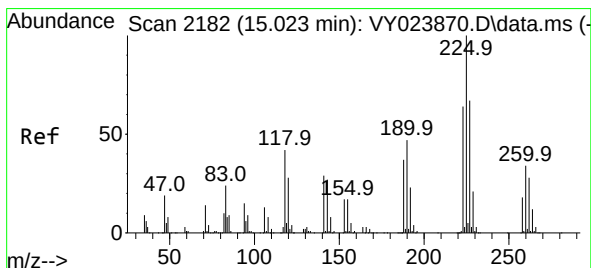
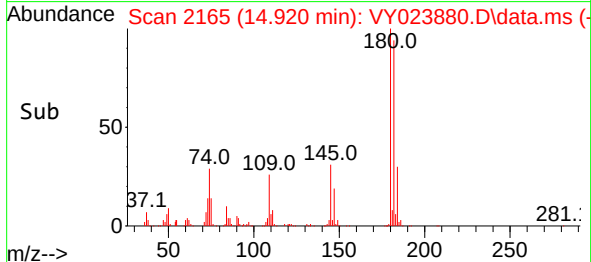
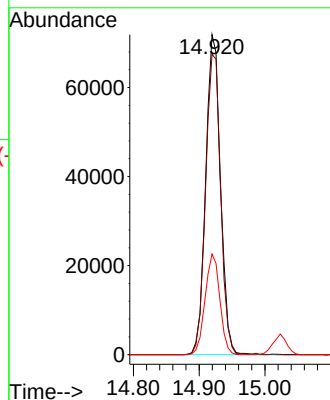
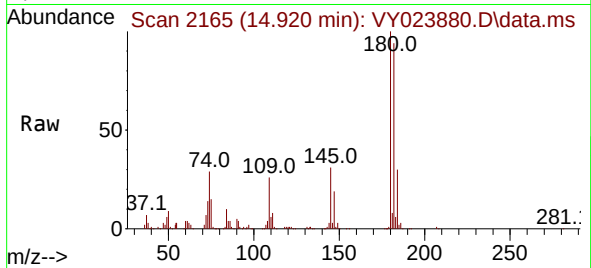




#93
 1,2,4-Trichlorobenzene
 Concen: 18.852 ug/l
 RT: 14.920 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

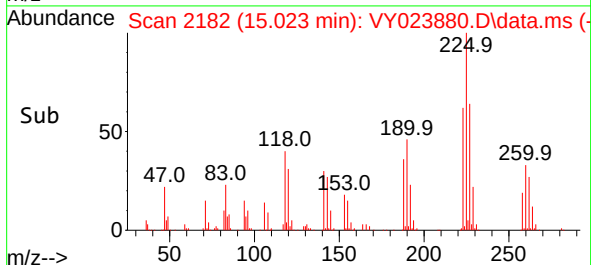
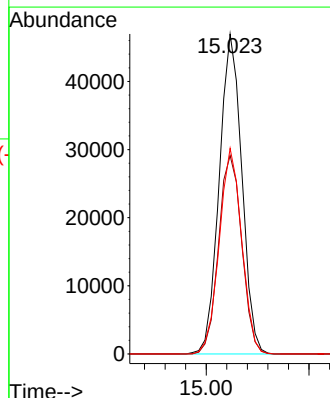
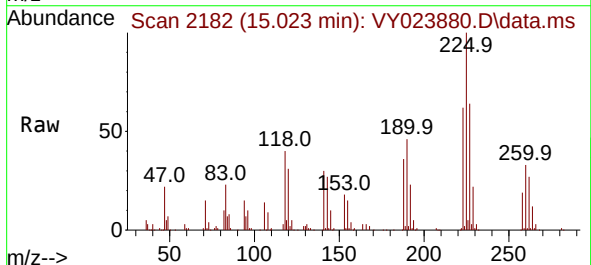
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

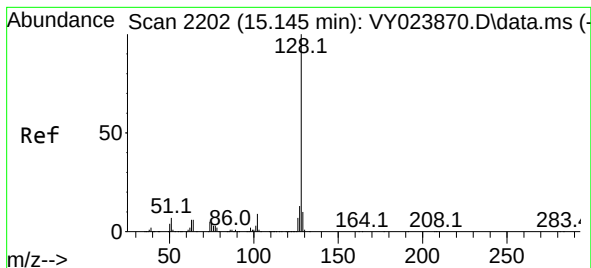
Tgt Ion:180 Resp: 112175
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.3
 145 31.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.152 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY023880.D
 Acq: 04 Dec 2025 09:27

Tgt Ion:225 Resp: 71498
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 95.0
 227 63.9 32.6 97.8





#95

Naphthalene

Concen: 18.938 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

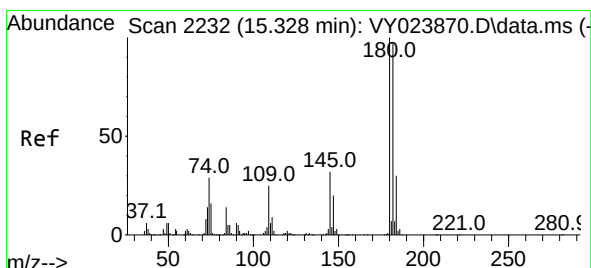
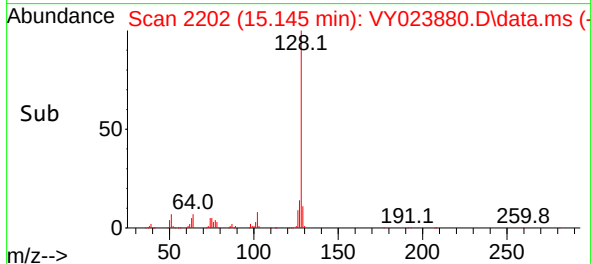
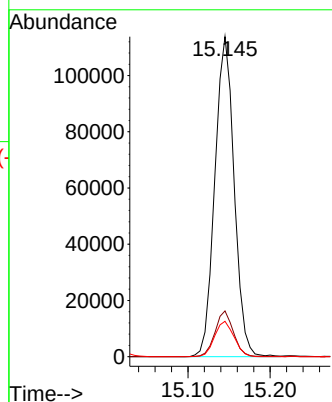
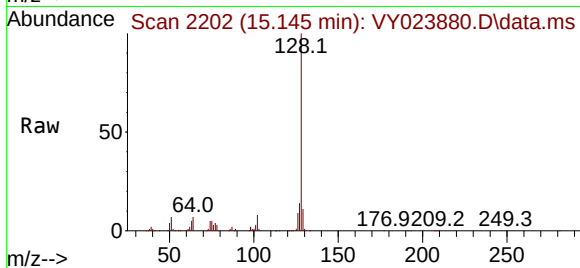
Tgt Ion:128 Resp: 185710

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.907 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023880.D

Acq: 04 Dec 2025 09:27

Tgt Ion:180 Resp: 96000

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.8

145 32.4 15.7 47.1

