

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023986.D
 Acq On : 16 Dec 2025 13:44
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 17 03:34:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	471715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	674522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	294337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	38643	10.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.680%#
35) Dibromofluoromethane	7.640	113	43245	10.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.420%#
50) Toluene-d8	10.115	98	153235	10.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.040%#
62) 4-Bromofluorobenzene	12.408	95	50023	10.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	30784	10.171	ug/l	96
3) Chloromethane	2.074	50	34126	9.633	ug/l	99
4) Vinyl Chloride	2.214	62	42017	9.388	ug/l	96
5) Bromomethane	2.611	94	38907	9.796	ug/l	93
6) Chloroethane	2.745	64	29815	9.457	ug/l	97
7) Trichlorofluoromethane	3.068	101	69051	9.666	ug/l	96
8) Diethyl Ether	3.470	74	17780	9.313	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	42135	9.841	ug/l	99
10) Methyl Iodide	4.019	142	36707	10.237	ug/l	99
11) Tert butyl alcohol	4.903	59	9794	46.929	ug/l #	93
12) 1,1-Dichloroethene	3.799	96	37209	9.589	ug/l	95
13) Acrolein	3.665	56	19087	54.545	ug/l	100
14) Allyl chloride	4.397	41	43042	9.158	ug/l	97
15) Acrylonitrile	5.080	53	32794	44.221	ug/l	98
16) Acetone	3.879	43	59778	48.679	ug/l	98
17) Carbon Disulfide	4.116	76	84902	8.743	ug/l	97
18) Methyl Acetate	4.397	43	13836	8.592	ug/l	98
19) Methyl tert-butyl Ether	5.134	73	83495	9.057	ug/l	99
20) Methylene Chloride	4.635	84	52253	10.665	ug/l	98
21) trans-1,2-Dichloroethene	5.134	96	39243	9.306	ug/l	94
22) Diisopropyl ether	6.031	45	100611	9.269	ug/l	96
23) Vinyl Acetate	5.976	43	252690	42.766	ug/l	98
24) 1,1-Dichloroethane	5.933	63	67311	9.530	ug/l	98
25) 2-Butanone	6.909	43	54460	49.768	ug/l	99
26) 2,2-Dichloropropane	6.902	77	63049	9.566	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	48040	9.617	ug/l	95
28) Bromochloromethane	7.256	49	27451	9.739	ug/l	99
29) Tetrahydrofuran	7.274	42	23812	42.980	ug/l	98
30) Chloroform	7.433	83	76583	9.774	ug/l	100
31) Cyclohexane	7.713	56	59689	9.565	ug/l #	87
32) 1,1,1-Trichloroethane	7.628	97	70266	9.667	ug/l	98
36) 1,1-Dichloropropene	7.847	75	50377	9.105	ug/l	99
37) Ethyl Acetate	7.000	43	17003	8.118	ug/l #	93
38) Carbon Tetrachloride	7.829	117	65582	9.463	ug/l	98
39) Methylcyclohexane	9.115	83	64794	8.783	ug/l	97
40) Benzene	8.091	78	160991	9.490	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023986.D
 Acq On : 16 Dec 2025 13:44
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 17 03:34:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.280	41	24018	18.991	ug/l #	36
42) 1,2-Dichloroethane	8.164	62	40053	9.164	ug/l	99
43) Isopropyl Acetate	8.207	43	34579	8.535	ug/l #	86
44) Trichloroethene	8.872	130	46224	9.246	ug/l	96
45) 1,2-Dichloropropane	9.146	63	35362	9.283	ug/l	98
46) Dibromomethane	9.237	93	20997	9.192	ug/l	99
47) Bromodichloromethane	9.432	83	56802	9.584	ug/l	93
48) Methyl methacrylate	9.231	41	15685	7.943	ug/l	97
49) 1,4-Dioxane	9.250	88	4313	173.344	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	88239	41.609	ug/l	100
52) Toluene	10.176	92	112903	9.561	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	44134	8.761	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	54217	8.984	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	30298	9.656	ug/l	96
56) Ethyl methacrylate	10.444	69	28307	10.151	ug/l	97
57) 1,3-Dichloropropane	10.719	76	46218	9.188	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	64206	52.327	ug/l	96
59) 2-Hexanone	10.768	43	68734	43.129	ug/l	99
60) Dibromochloromethane	10.914	129	40879	9.264	ug/l	98
61) 1,2-Dibromoethane	11.024	107	26471	9.111	ug/l	96
64) Tetrachloroethene	10.652	164	56654	9.699	ug/l	99
65) Chlorobenzene	11.444	112	119596	9.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	41929	9.482	ug/l	97
67) Ethyl Benzene	11.524	91	184923	9.073	ug/l	100
68) m/p-Xylenes	11.633	106	147195	17.980	ug/l	99
69) o-Xylene	11.956	106	67496	8.864	ug/l	100
70) Styrene	11.975	104	106797	8.738	ug/l	98
71) Bromoform	12.139	173	23563	8.932	ug/l #	99
73) Isopropylbenzene	12.261	105	180302	8.893	ug/l	99
74) N-amyl acetate	12.072	43	25142	8.219	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	27383	8.914	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	37853	14.525	ug/l #	100
77) Bromobenzene	12.536	156	47573	9.335	ug/l	98
78) n-propylbenzene	12.597	91	208955	8.993	ug/l	99
79) 2-Chlorotoluene	12.682	91	119332	8.971	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	142962	8.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	8913	8.753	ug/l	98
82) 4-Chlorotoluene	12.779	91	125592	9.196	ug/l	98
83) tert-Butylbenzene	12.999	119	129845	8.677	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	142705	9.054	ug/l	100
85) sec-Butylbenzene	13.176	105	196957	9.118	ug/l	99
86) p-Isopropyltoluene	13.292	119	161700	8.910	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	92304	9.413	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	91943	9.554	ug/l	98
89) n-Butylbenzene	13.621	91	135348	8.633	ug/l	99
90) Hexachloroethane	13.883	117	36530	9.641	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	81106	9.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3958	8.841	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	42318	8.796	ug/l	99
94) Hexachlorobutadiene	15.029	225	32316	9.594	ug/l	98
95) Naphthalene	15.145	128	55235	8.379	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	35281	8.738	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
Data File : VY023986.D
Acq On : 16 Dec 2025 13:44
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Dec 17 03:34:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:31:24 2025
Response via : Initial Calibration

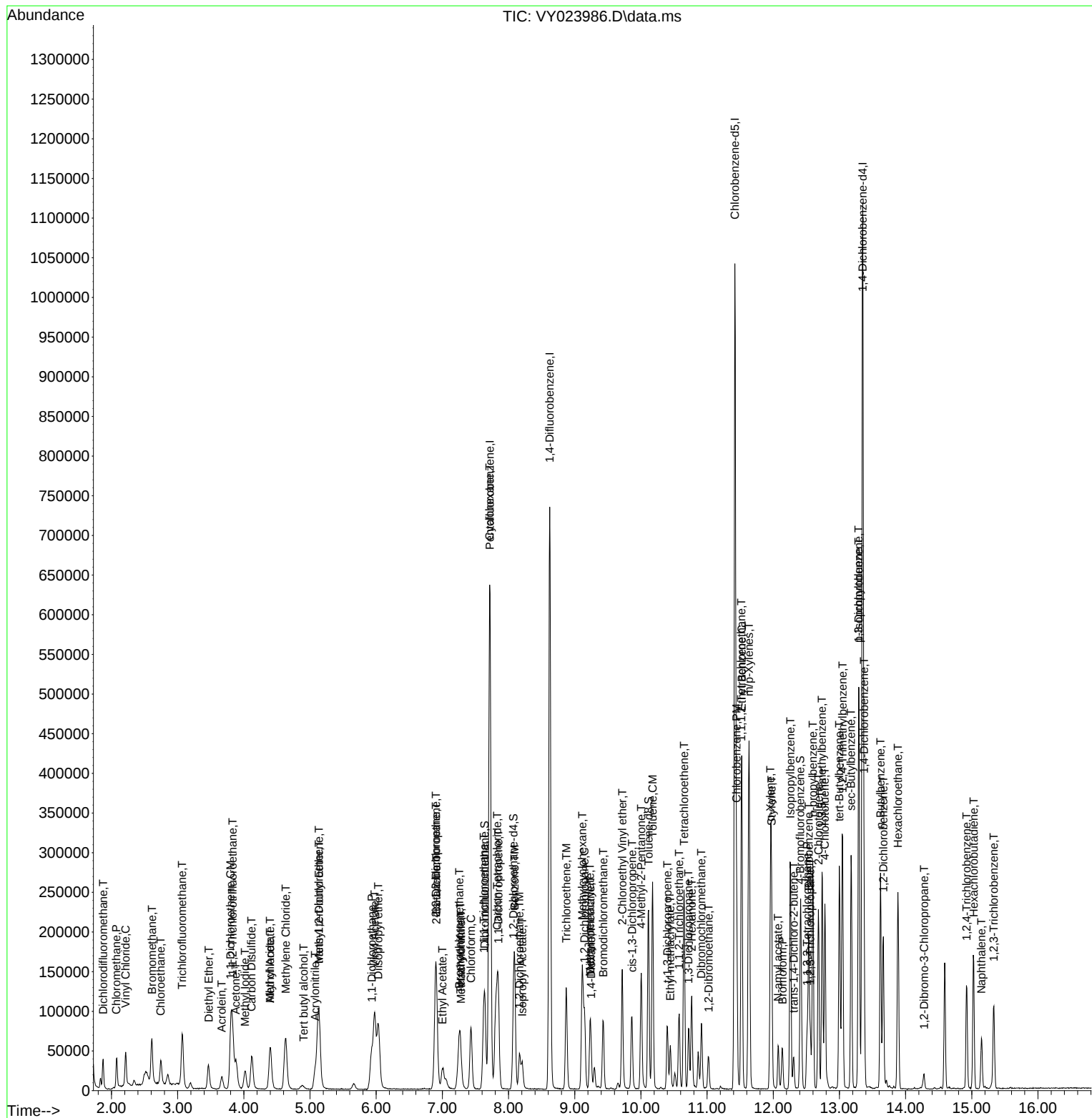
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

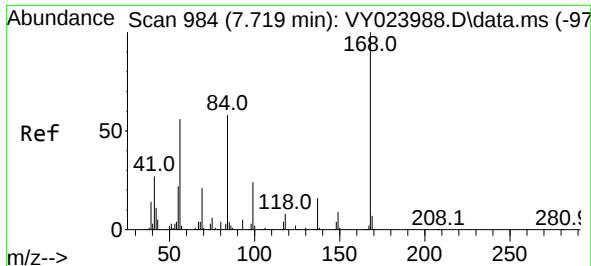
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023986.D
 Acq On : 16 Dec 2025 13:44
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 17 03:34:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

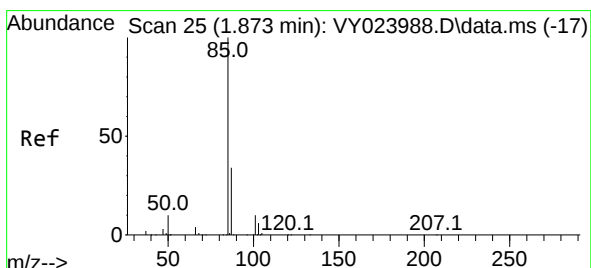
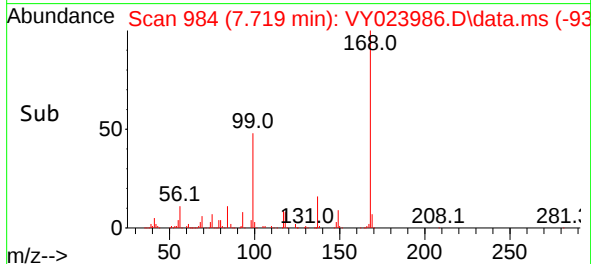
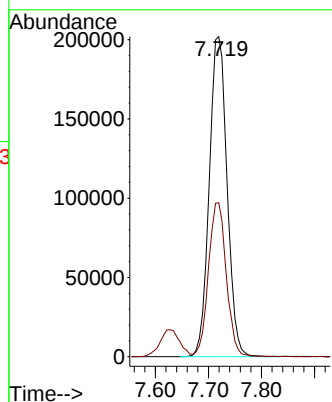
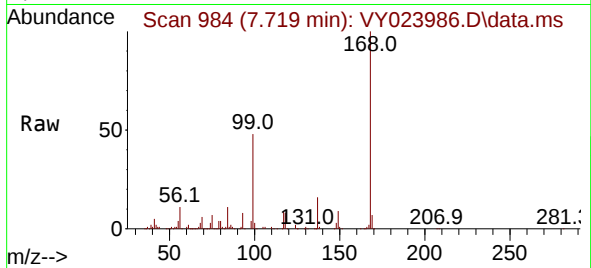




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

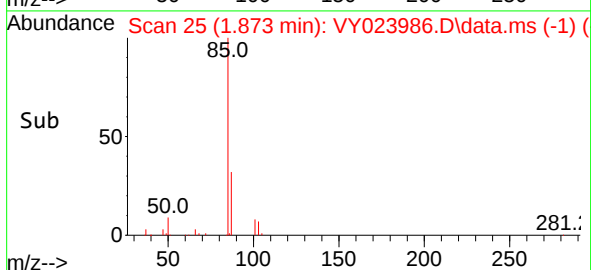
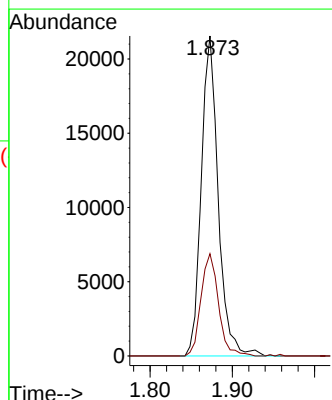
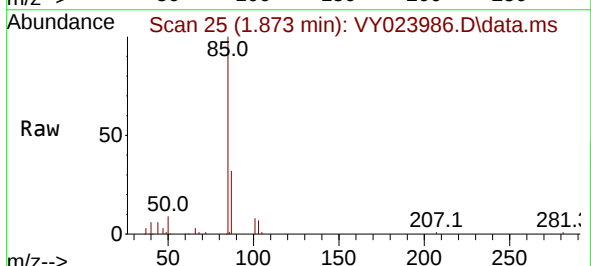
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

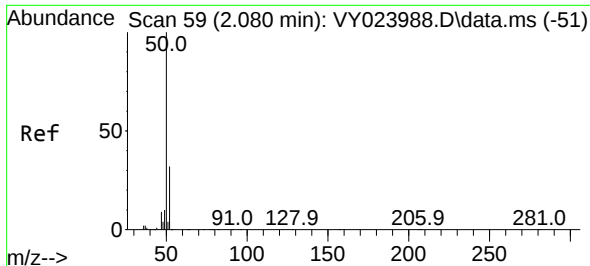
Tgt Ion:168 Resp: 471715
Ion Ratio Lower Upper
168 100
99 48.0 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 10.171 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 85 Resp: 30784
Ion Ratio Lower Upper
85 100
87 31.9 17.3 51.7

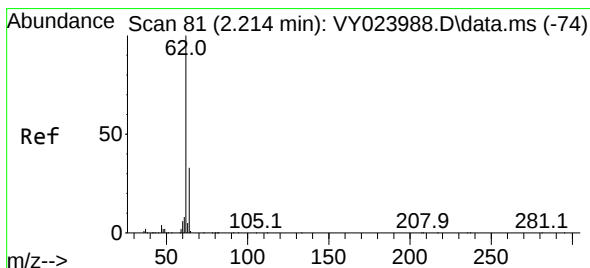
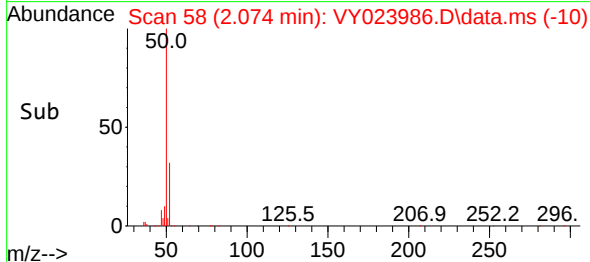
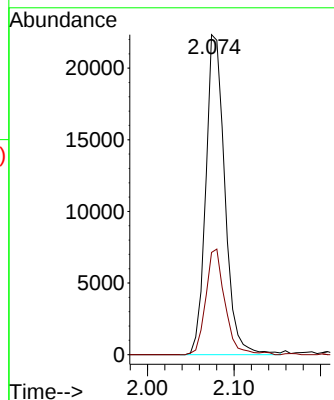
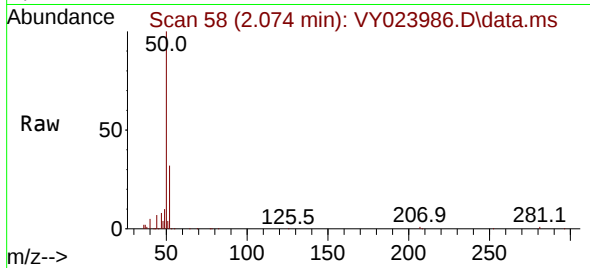




#3
Chloromethane
Concen: 9.633 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

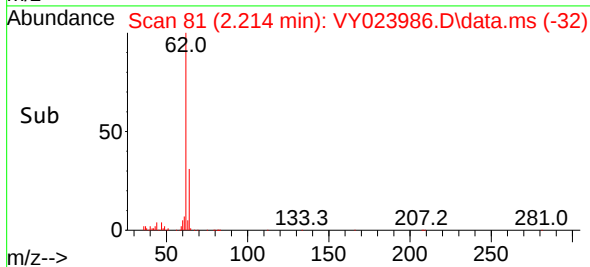
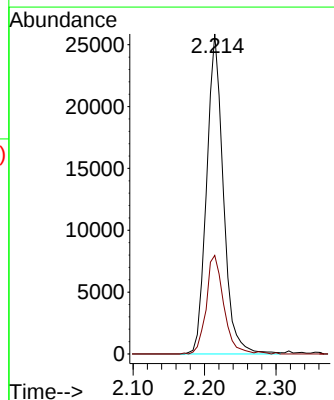
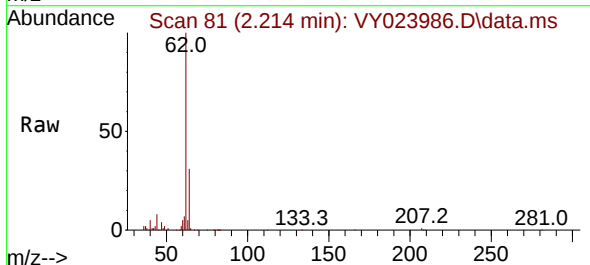
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

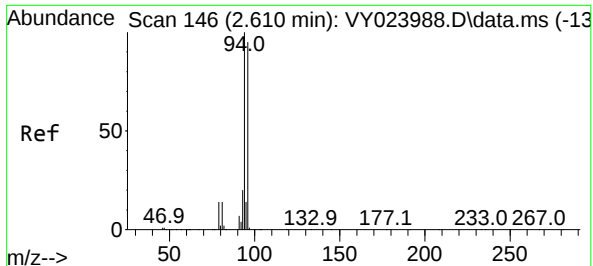
Tgt Ion: 50 Resp: 34126
Ion Ratio Lower Upper
50 100
52 32.0 25.8 38.8



#4
Vinyl Chloride
Concen: 9.388 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 62 Resp: 42017
Ion Ratio Lower Upper
62 100
64 30.8 26.6 40.0

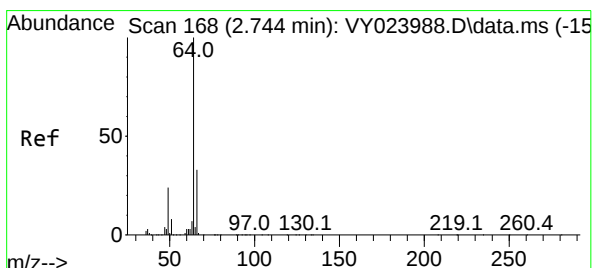
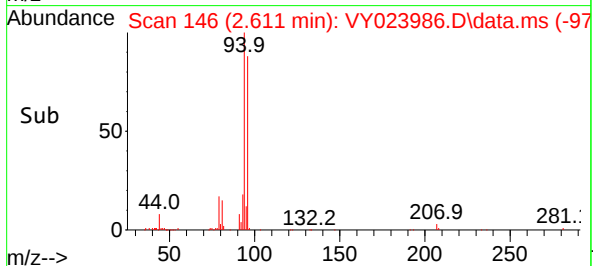
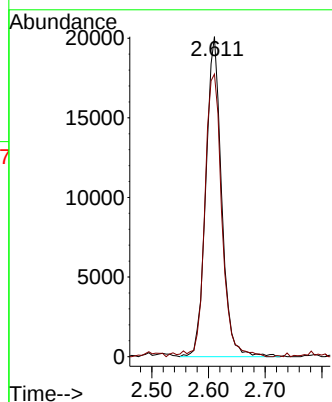
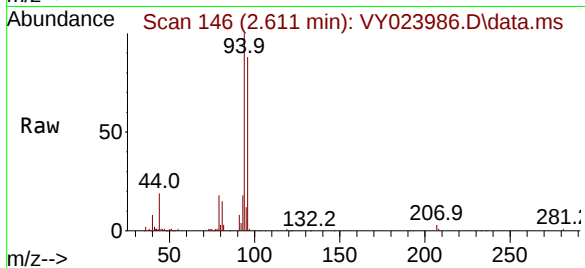




#5
Bromomethane
Concen: 9.796 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

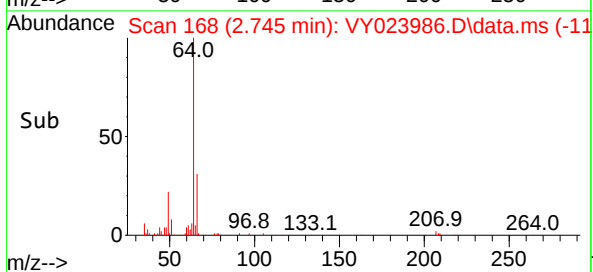
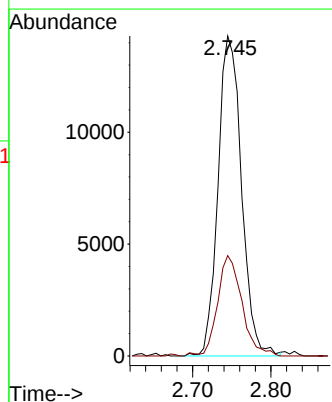
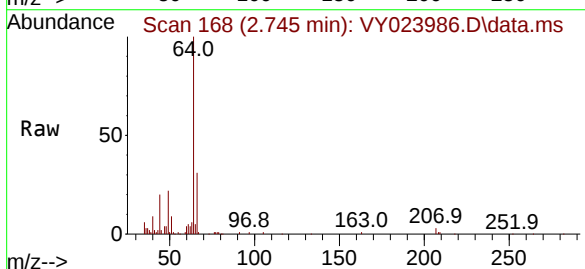
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

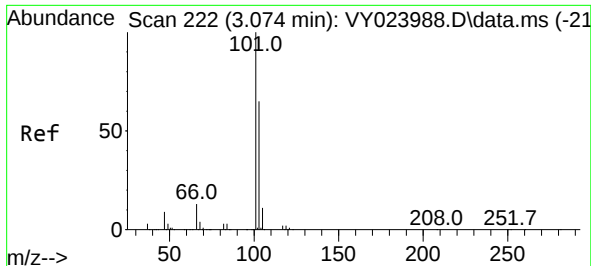
Tgt Ion: 94 Resp: 38907
Ion Ratio Lower Upper
94 100
96 88.0 75.6 113.4



#6
Chloroethane
Concen: 9.457 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 64 Resp: 29815
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4

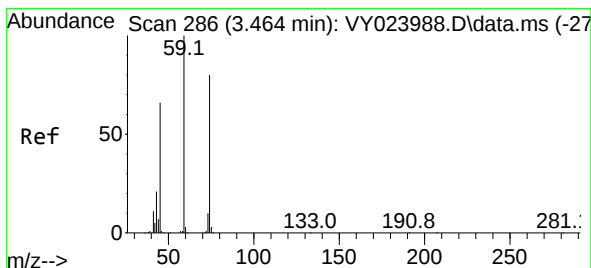
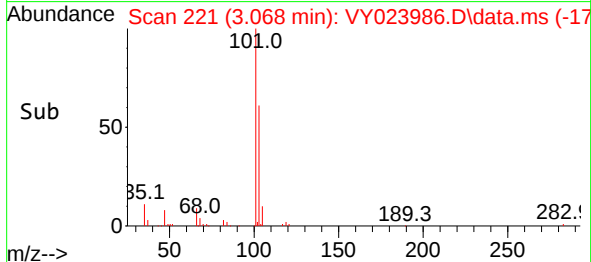
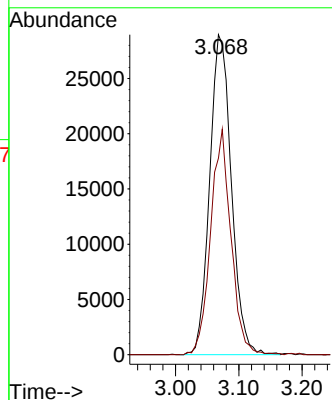
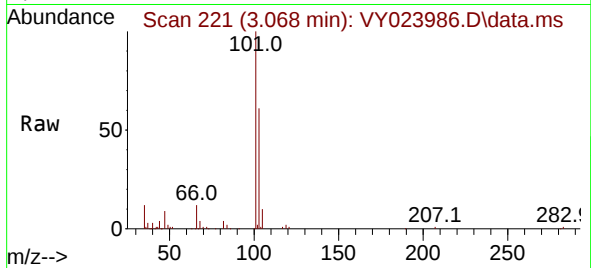




#7
 Trichlorofluoromethane
 Concen: 9.666 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

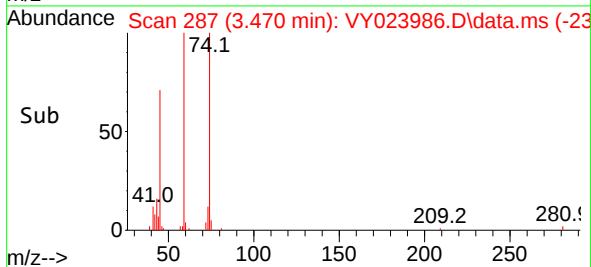
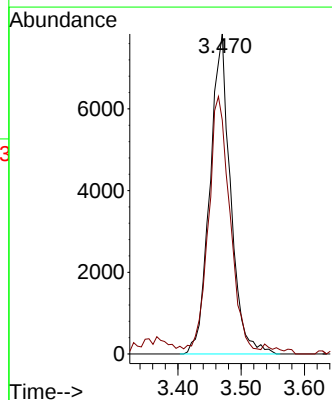
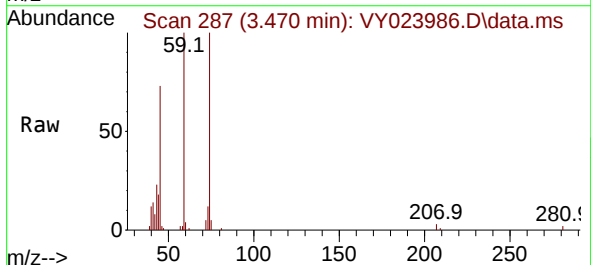
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

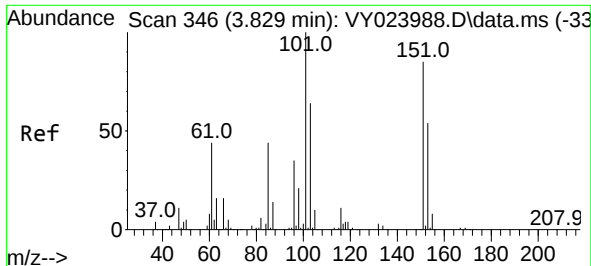
Tgt Ion:101 Resp: 69051
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.8 77.6



#8
 Diethyl Ether
 Concen: 9.313 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

Tgt Ion: 74 Resp: 17780
 Ion Ratio Lower Upper
 74 100
 45 81.9 39.9 119.7

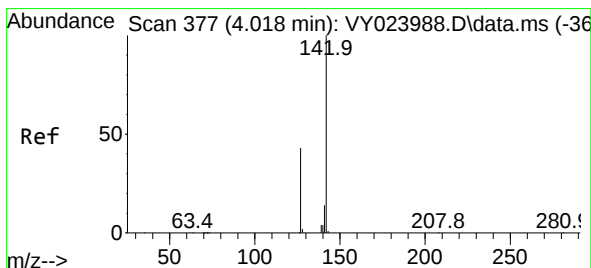
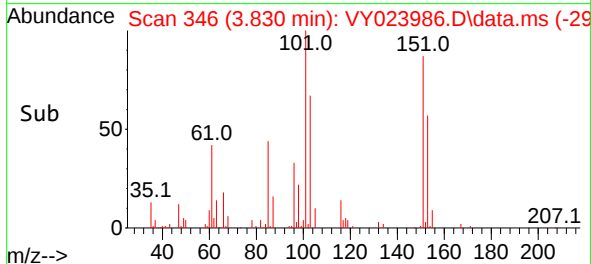
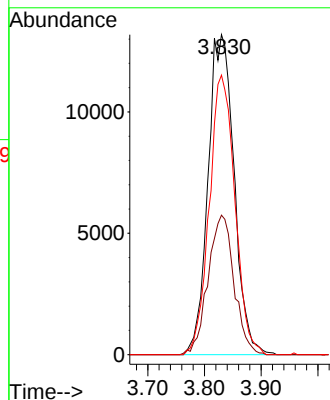
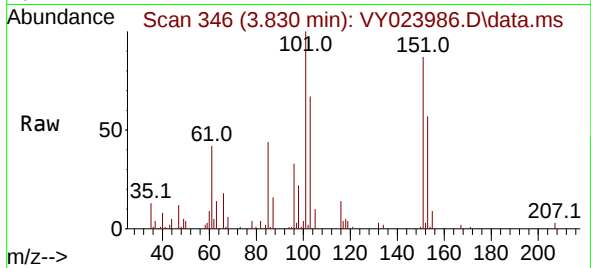




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.841 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

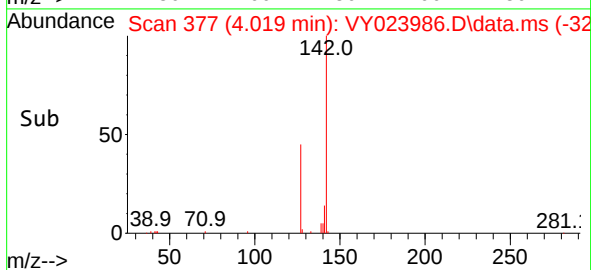
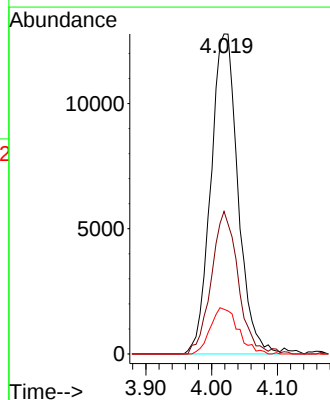
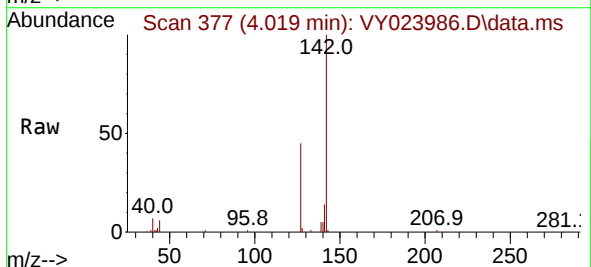
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

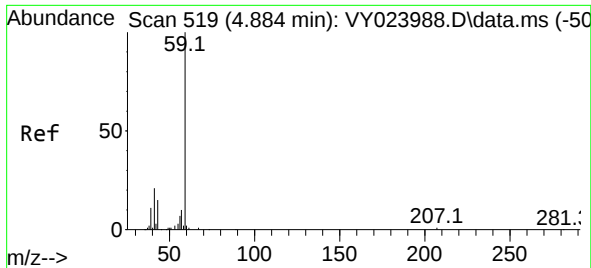
Tgt Ion:101 Resp: 42135
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 85.7 67.6 101.4



#10
Methyl Iodide
Concen: 10.237 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.001 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion:142 Resp: 36707
Ion Ratio Lower Upper
142 100
127 43.6 34.3 51.5
141 14.8 11.7 17.5

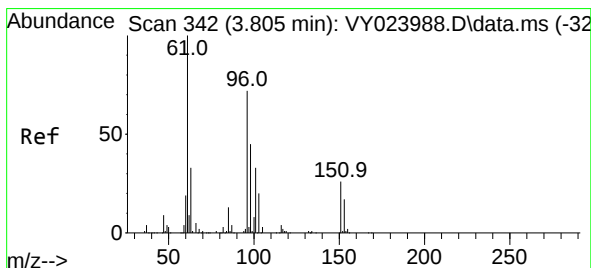
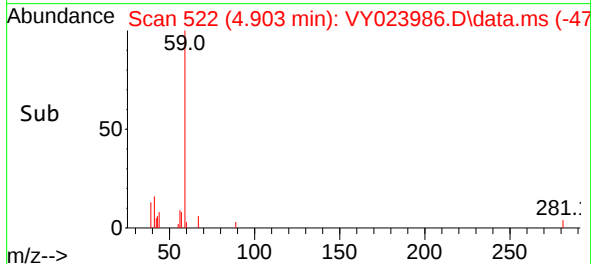
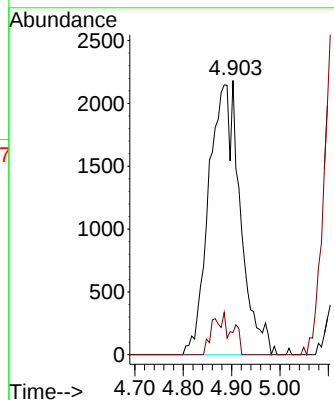
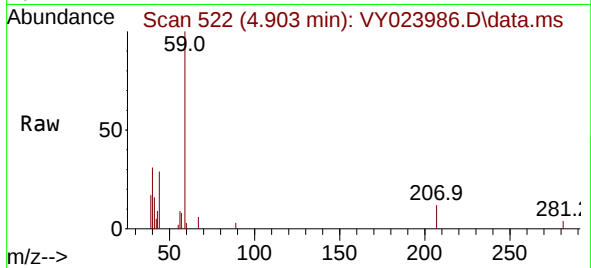




#11
Tert butyl alcohol
Concen: 46.929 ug/l
RT: 4.903 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

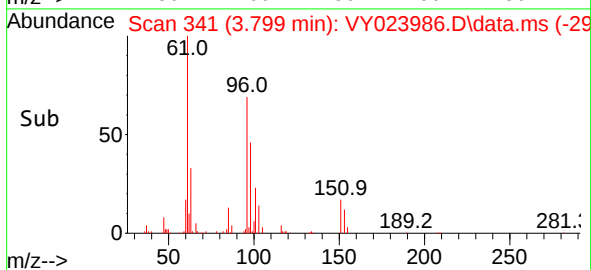
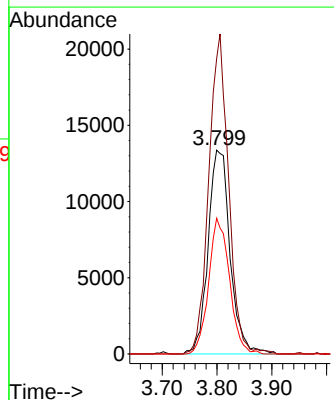
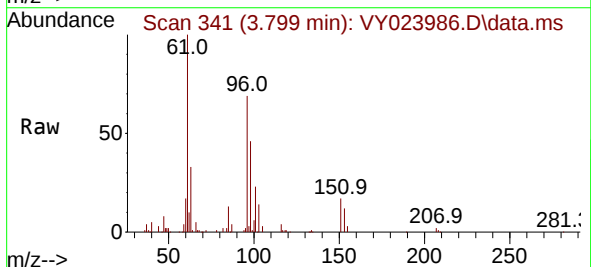
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

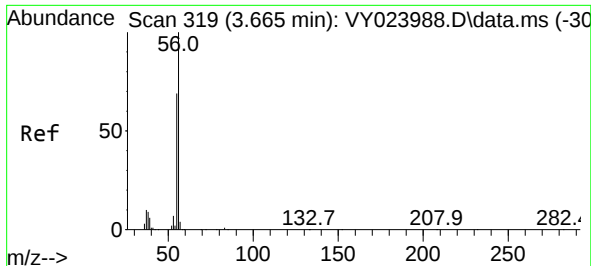
Tgt Ion: 59 Resp: 9794
Ion Ratio Lower Upper
59 100
57 7.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 9.589 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 96 Resp: 37209
Ion Ratio Lower Upper
96 100
61 144.9 111.1 166.7
98 66.5 50.2 75.2

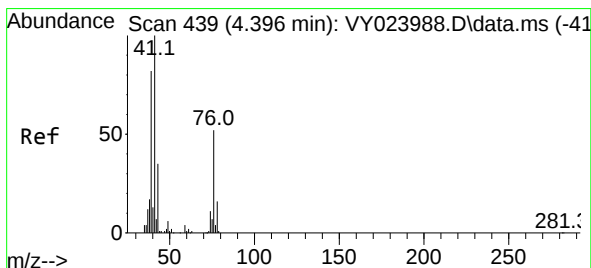
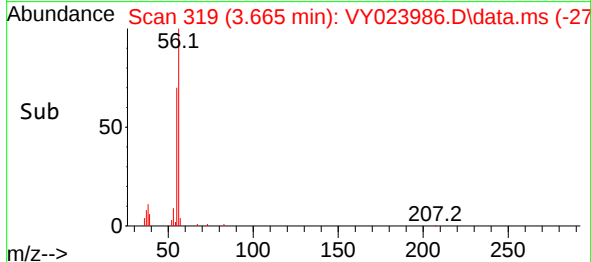
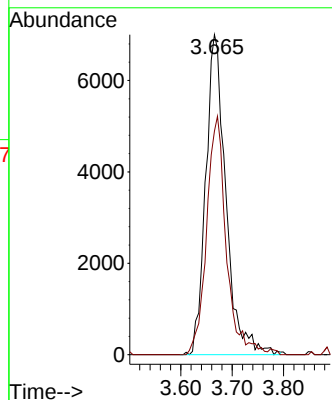
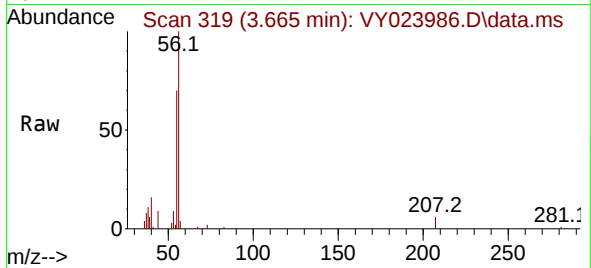




#13
Acrolein
Concen: 54.545 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

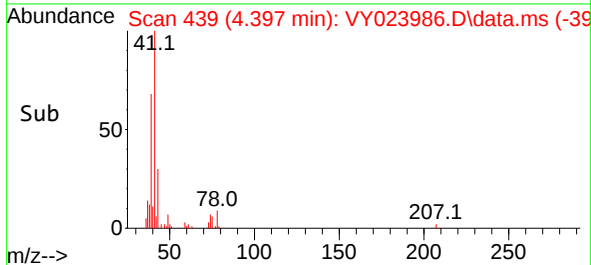
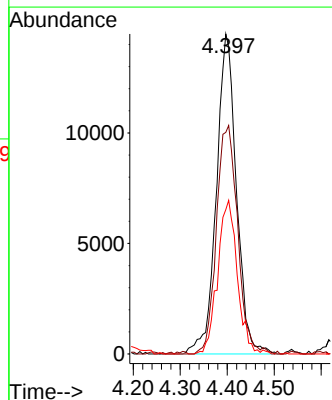
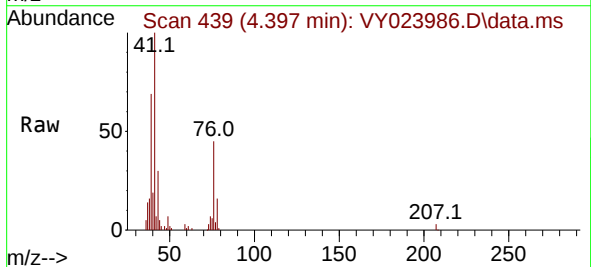
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

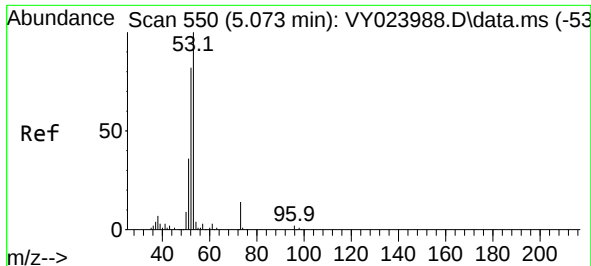
Tgt Ion: 56 Resp: 19087
Ion Ratio Lower Upper
56 100
55 72.3 58.1 87.1



#14
Allyl chloride
Concen: 9.158 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 41 Resp: 43042
Ion Ratio Lower Upper
41 100
39 75.4 62.9 94.3
76 46.8 38.7 58.1

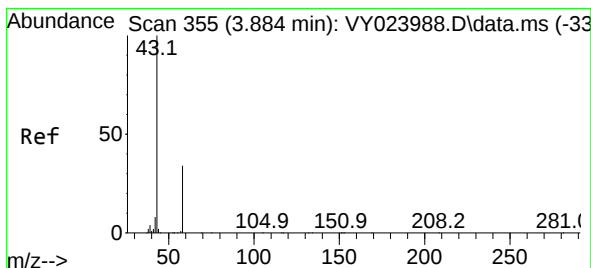
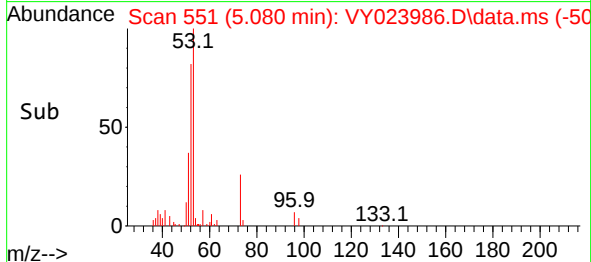
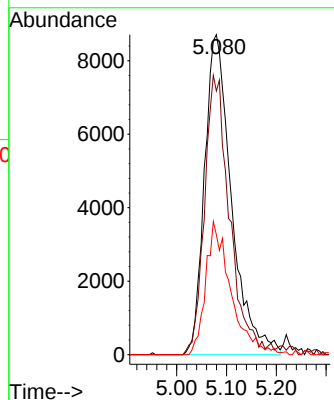
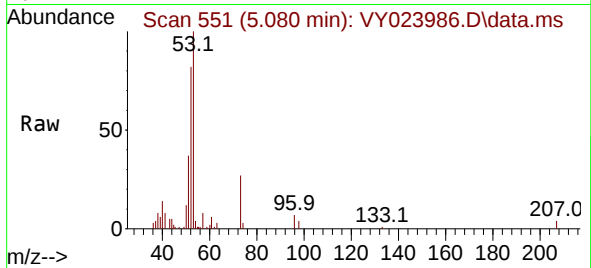




#15
Acrylonitrile
Concen: 44.221 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

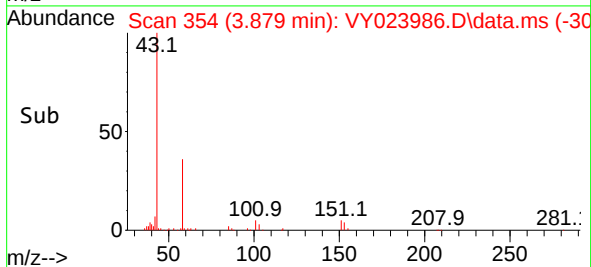
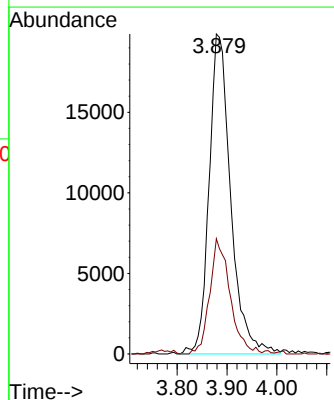
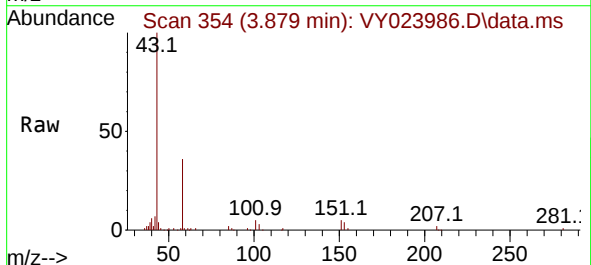
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

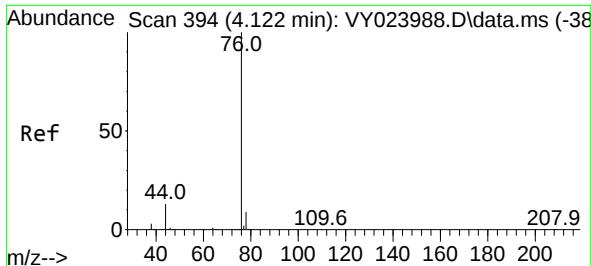
Tgt Ion: 53 Resp: 32794
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.4
51 38.7 29.1 43.7



#16
Acetone
Concen: 48.679 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.005 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 43 Resp: 59778
Ion Ratio Lower Upper
43 100
58 36.0 27.7 41.5

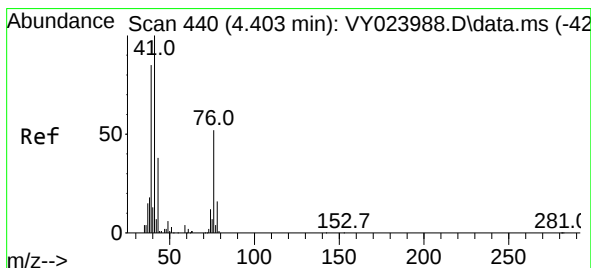
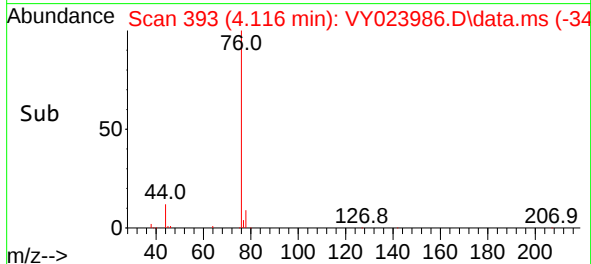
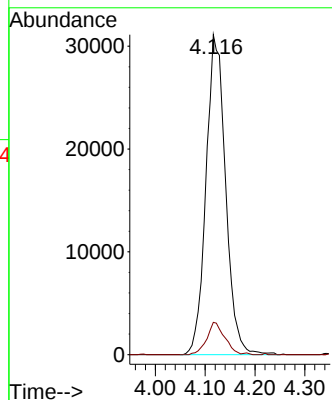
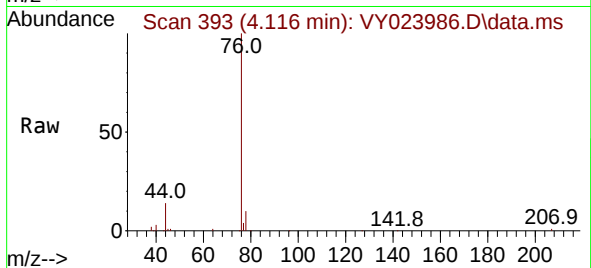




#17
Carbon Disulfide
Concen: 8.743 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

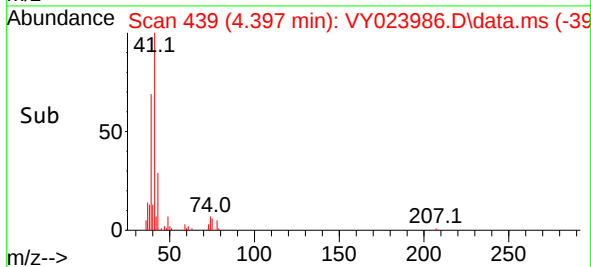
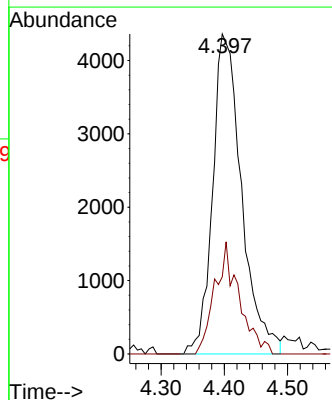
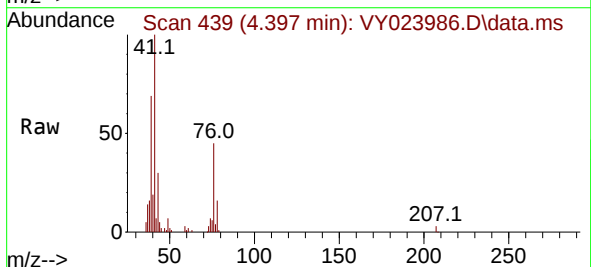
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

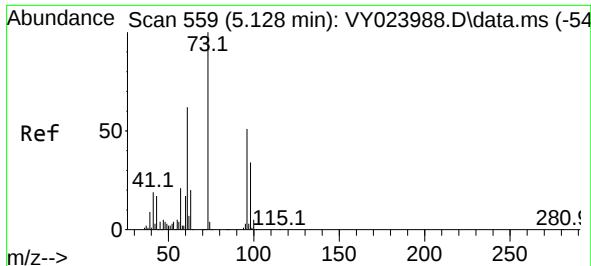
Tgt Ion: 76 Resp: 84902
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 8.592 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 43 Resp: 13836
Ion Ratio Lower Upper
43 100
74 29.7 24.7 37.1

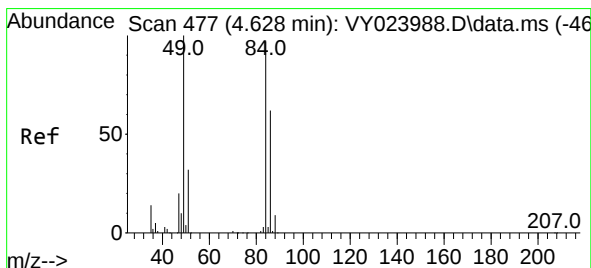
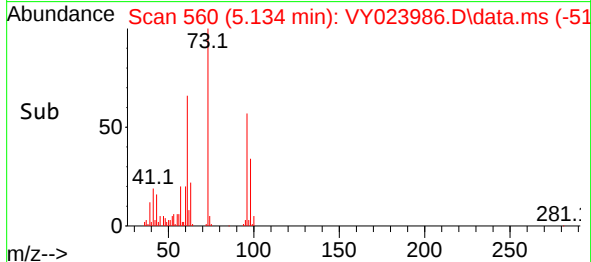
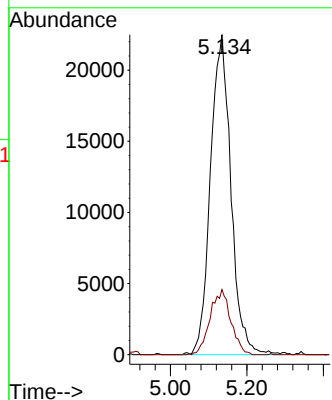
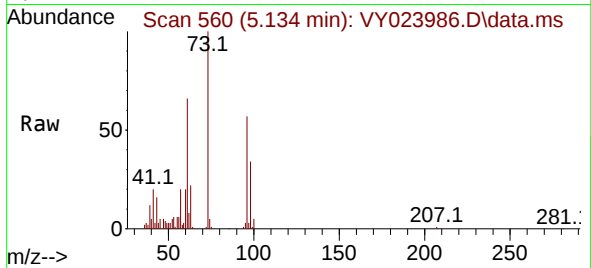




#19
Methyl tert-butyl Ether
Concen: 9.057 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

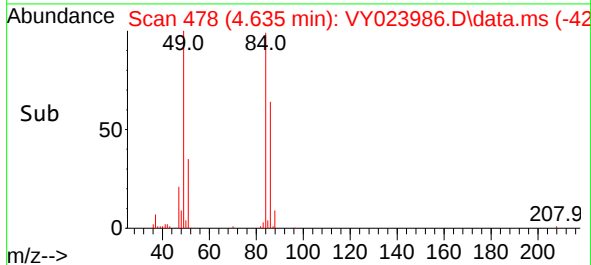
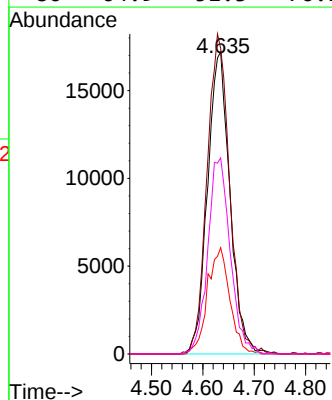
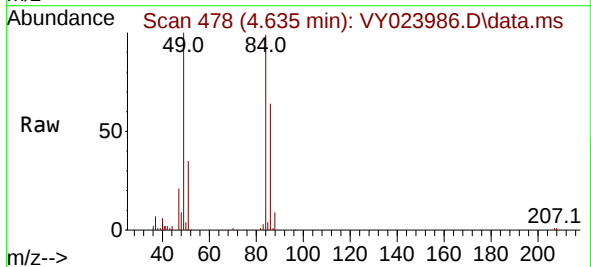
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

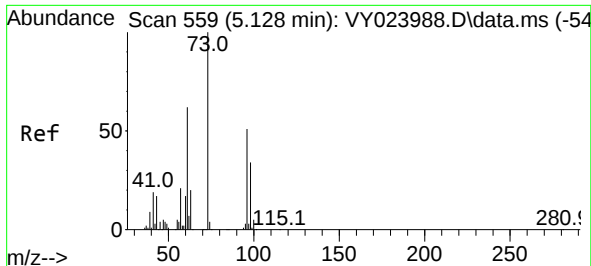
Tgt Ion: 73 Resp: 83495
Ion Ratio Lower Upper
73 100
57 20.4 16.6 24.8



#20
Methylene Chloride
Concen: 10.665 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 84 Resp: 52253
Ion Ratio Lower Upper
84 100
49 101.2 82.6 124.0
51 35.2 26.4 39.6
86 64.9 51.3 76.9

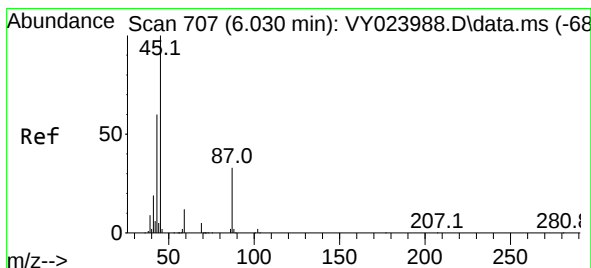
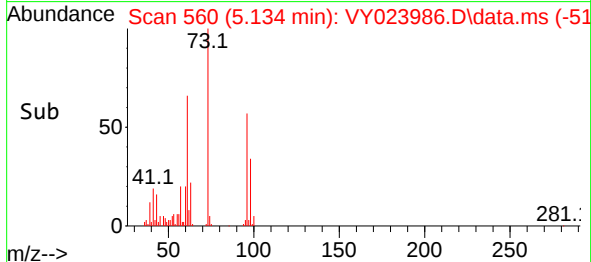
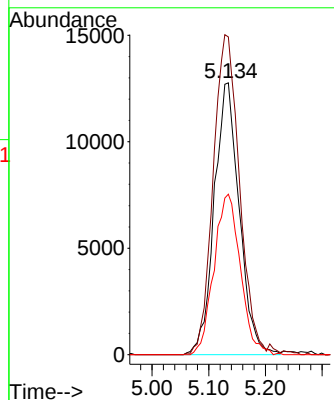
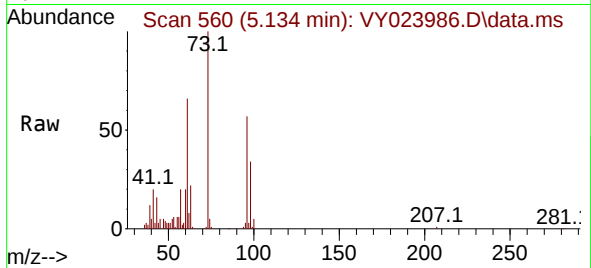




#21
trans-1,2-Dichloroethene
Concen: 9.306 ug/l
RT: 5.134 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

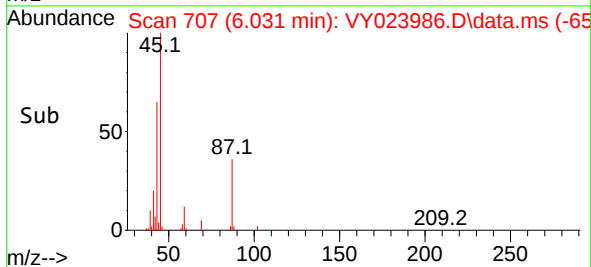
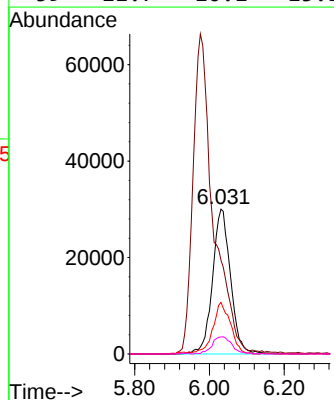
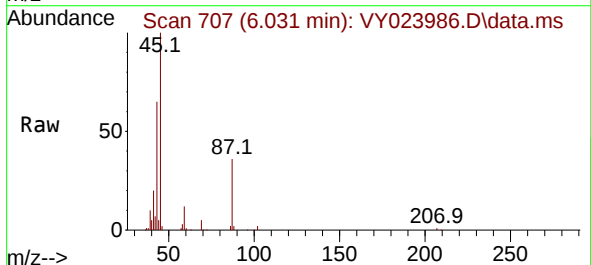
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

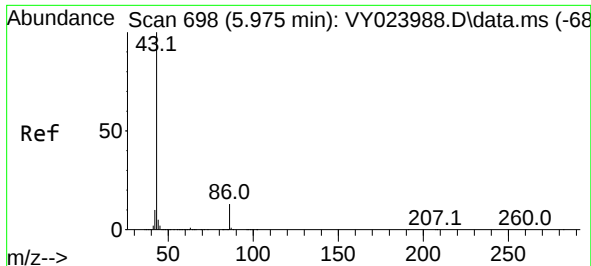
Tgt Ion: 96 Resp: 39243
Ion Ratio Lower Upper
96 100
61 116.9 97.8 146.8
98 59.1 52.8 79.2



#22
Diisopropyl ether
Concen: 9.269 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 45 Resp: 100611
Ion Ratio Lower Upper
45 100
43 63.4 48.3 72.5
87 35.6 26.8 40.2
59 11.7 10.1 15.1

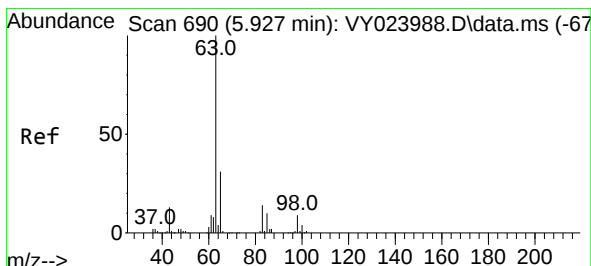
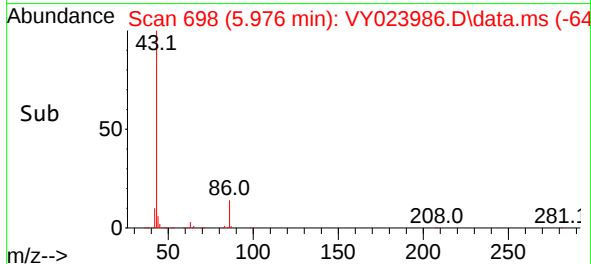
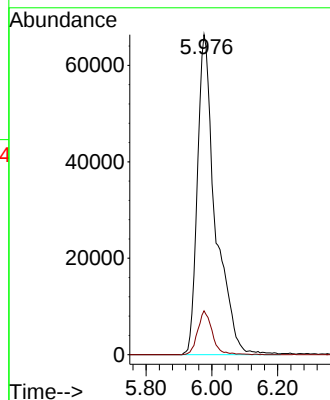
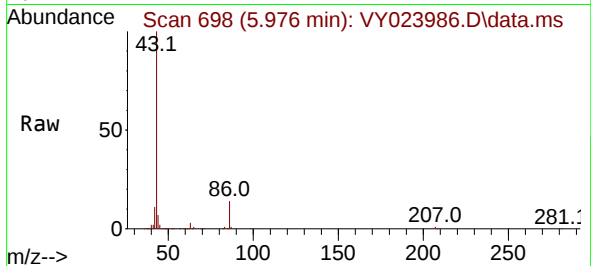




#23
 Vinyl Acetate
 Concen: 42.766 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

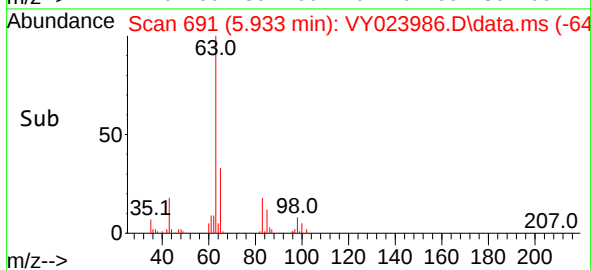
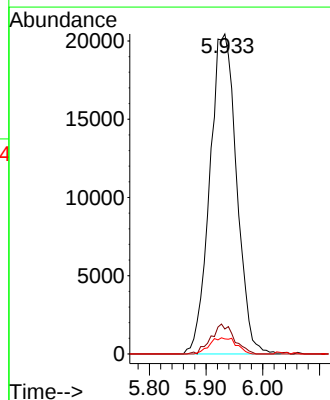
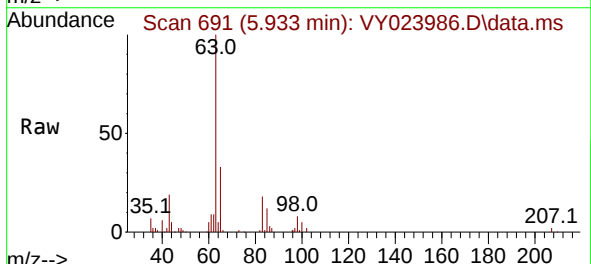
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

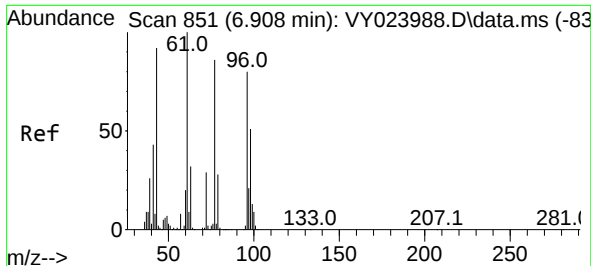
Tgt Ion: 43 Resp: 252690
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 9.530 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

Tgt Ion: 63 Resp: 67311
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 12.9
 100 4.7 2.2 6.6

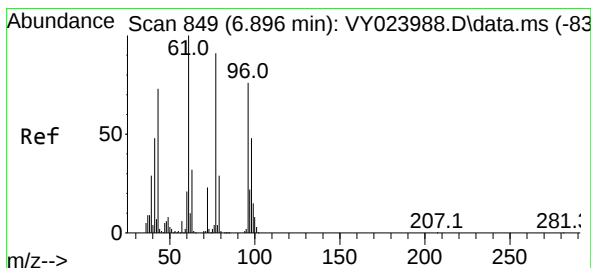
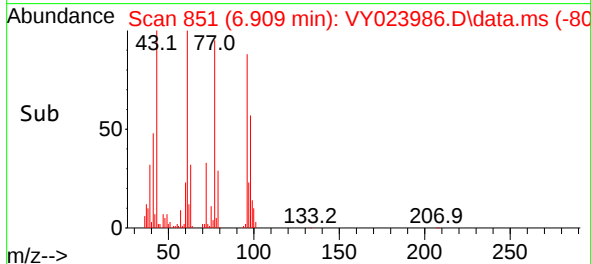
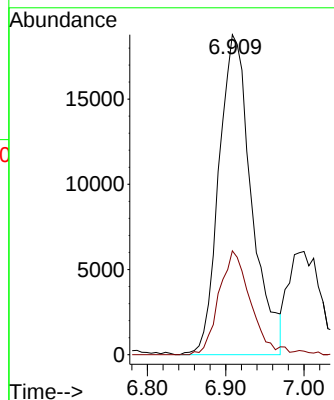
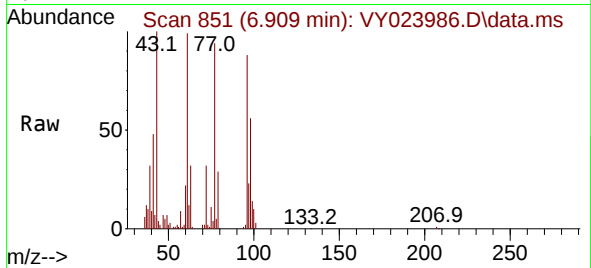




#25
2-Butanone
Concen: 49.768 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

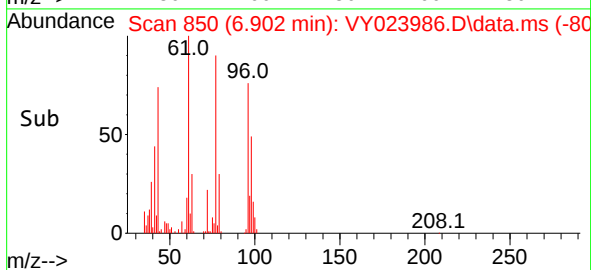
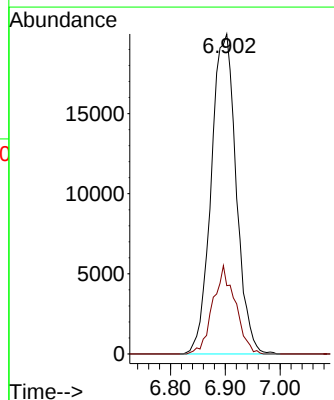
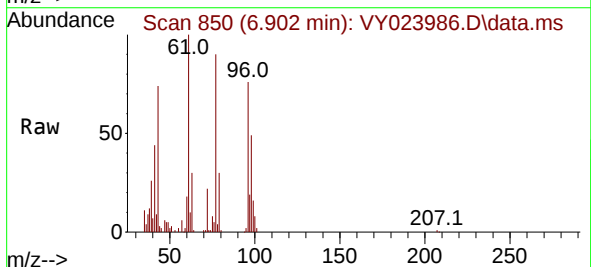
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

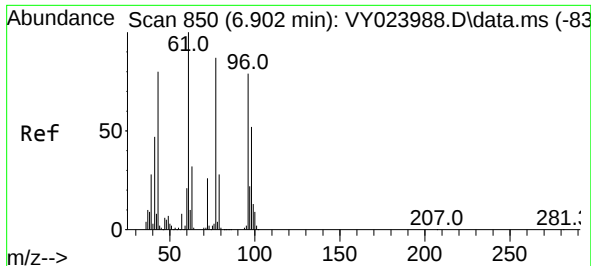
Tgt Ion: 43 Resp: 54460
Ion Ratio Lower Upper
43 100
72 32.4 25.4 38.0



#26
2,2-Dichloropropane
Concen: 9.566 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 77 Resp: 63049
Ion Ratio Lower Upper
77 100
97 24.9 12.0 36.1

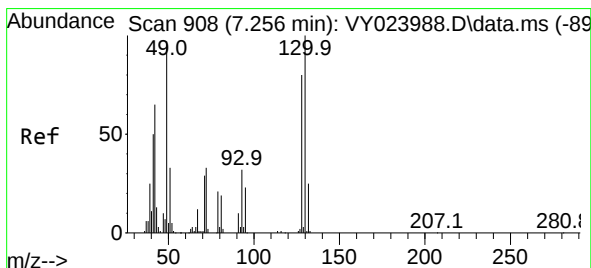
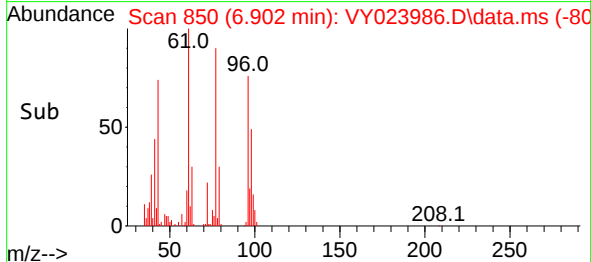
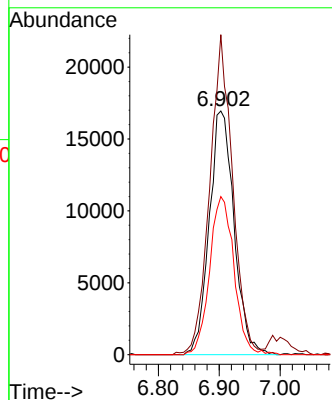
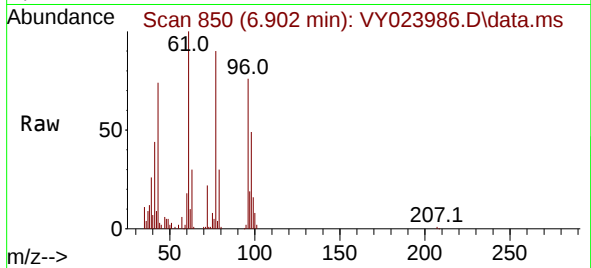




#27
 cis-1,2-Dichloroethene
 Concen: 9.617 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

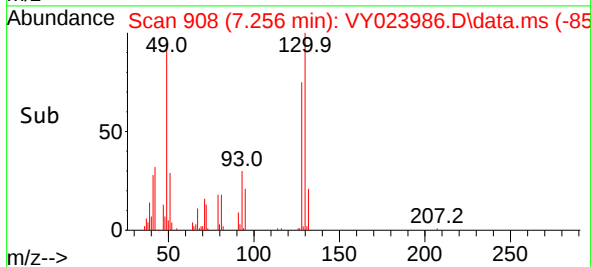
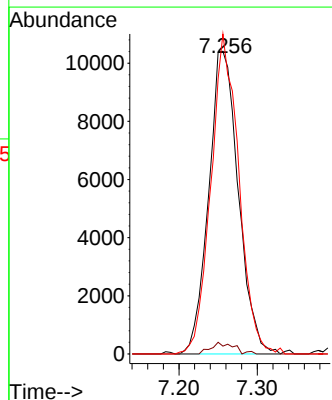
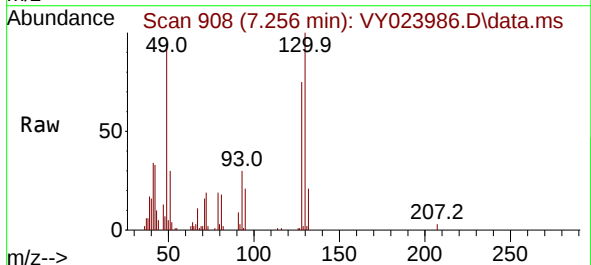
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

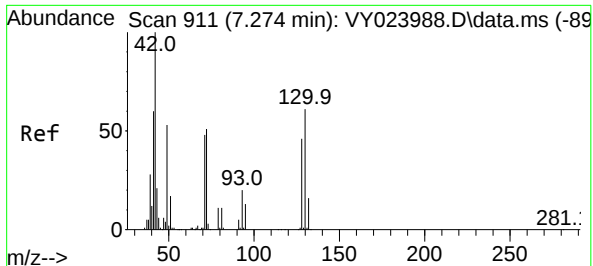
Tgt Ion: 96 Resp: 48040
 Ion Ratio Lower Upper
 96 100
 61 120.9 0.0 258.8
 98 63.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 9.739 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

Tgt Ion: 49 Resp: 27451
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.4
 130 99.3 80.3 120.5

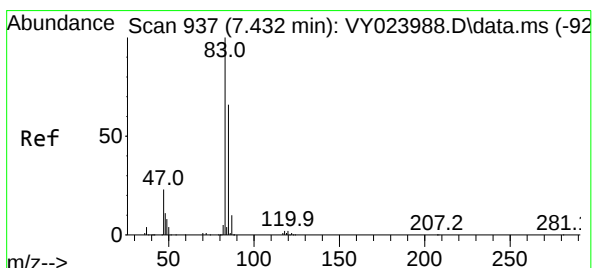
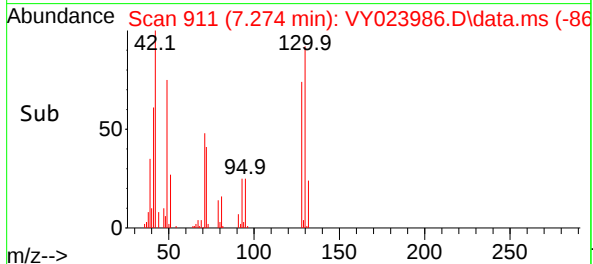
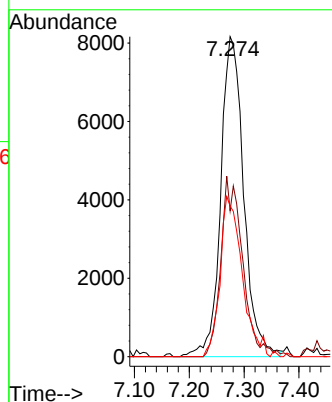
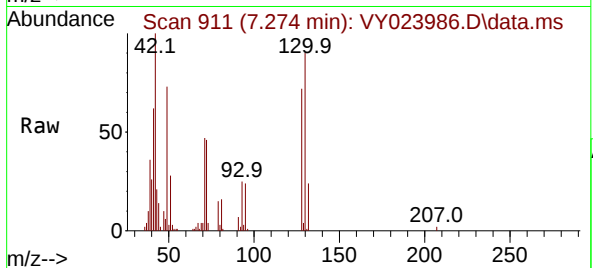




#29
Tetrahydrofuran
Concen: 42.980 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

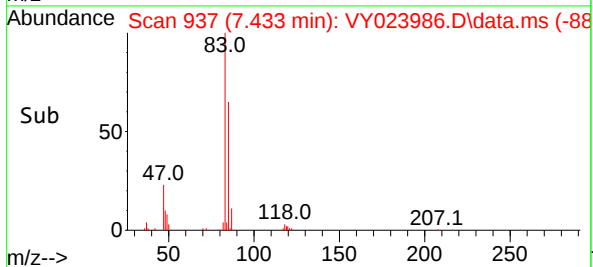
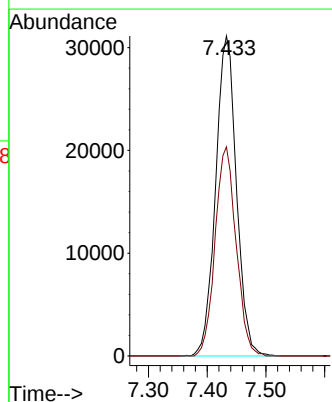
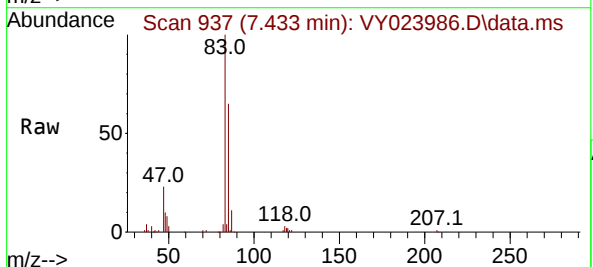
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

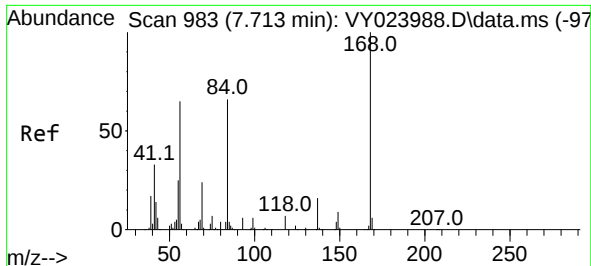
Tgt Ion: 42 Resp: 23812
Ion Ratio Lower Upper
42 100
72 53.4 41.4 62.0
71 47.8 38.6 57.8



#30
Chloroform
Concen: 9.774 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 83 Resp: 76583
Ion Ratio Lower Upper
83 100
85 65.4 52.6 78.8

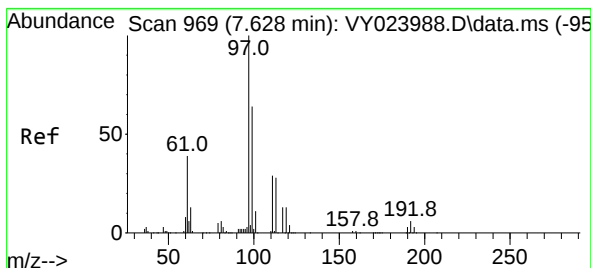
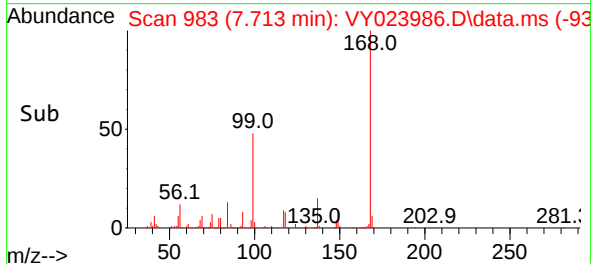
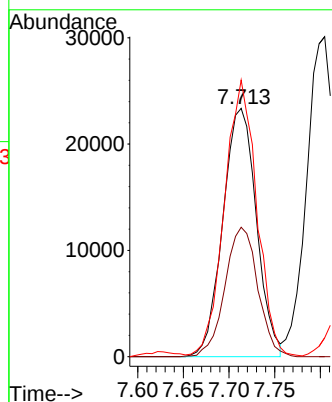
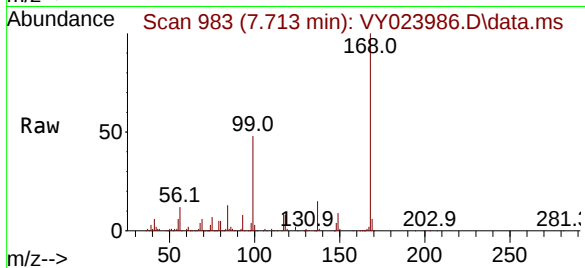




#31
Cyclohexane
Concen: 9.565 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

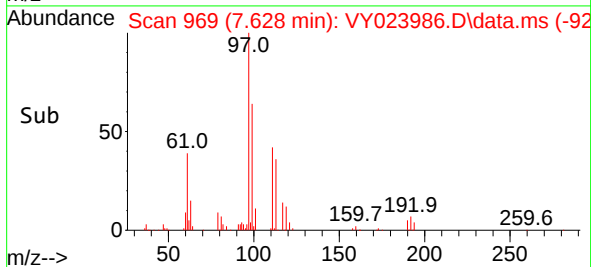
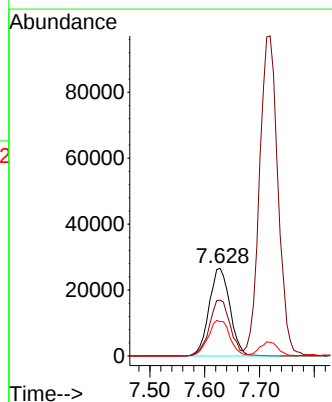
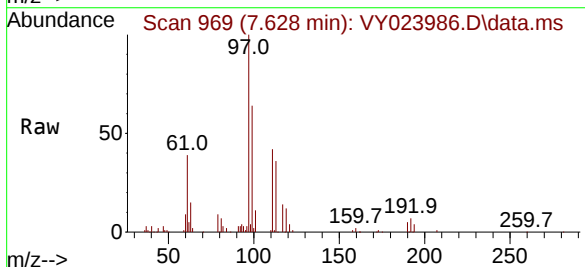
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

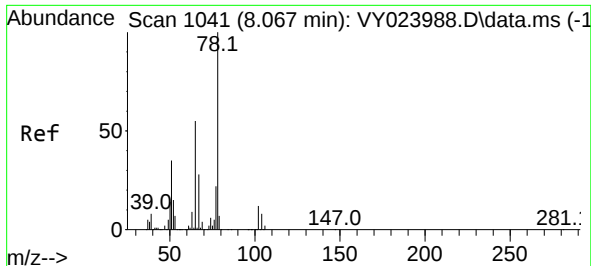
Tgt Ion: 56 Resp: 59689
Ion Ratio Lower Upper
56 100
69 52.1 30.0 45.0#
84 110.2 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 9.667 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 97 Resp: 70266
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 42.0 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 10.839 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

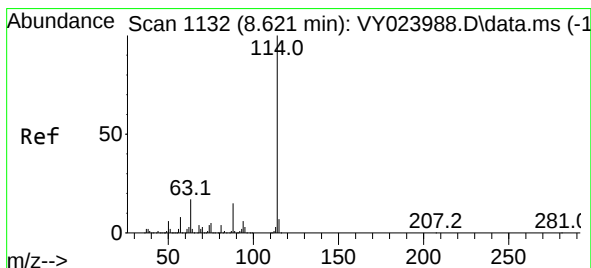
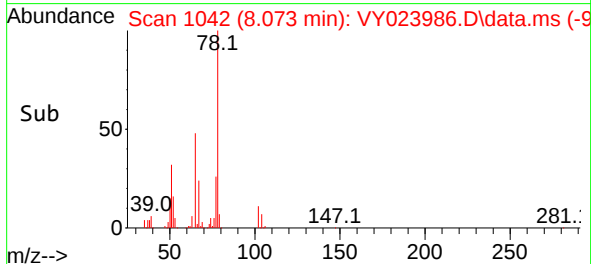
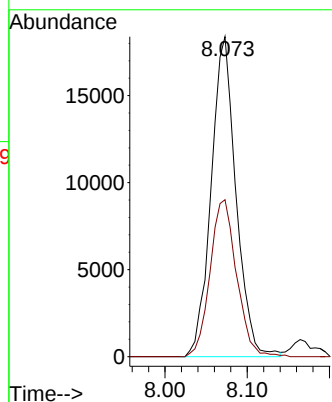
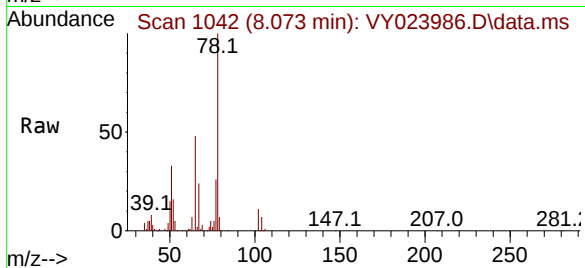
VSTDIC010

Tgt Ion: 65 Resp: 38643

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

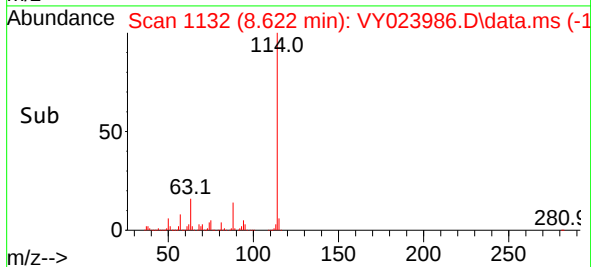
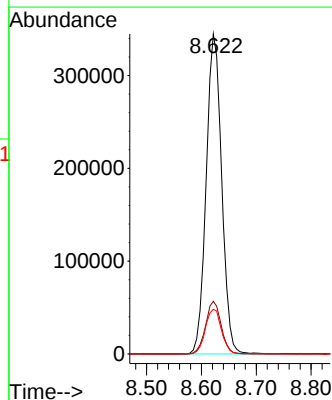
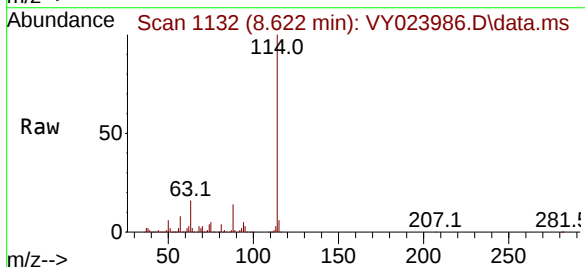
Tgt Ion: 114 Resp: 674522

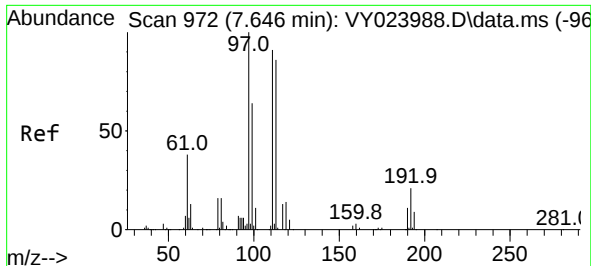
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.6

88 14.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 10.713 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

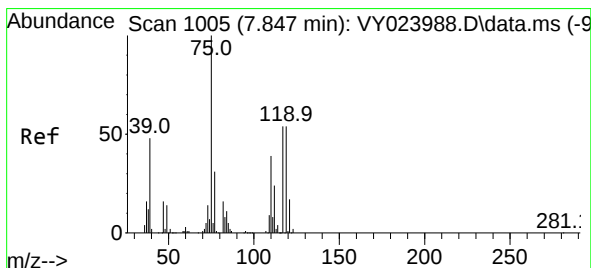
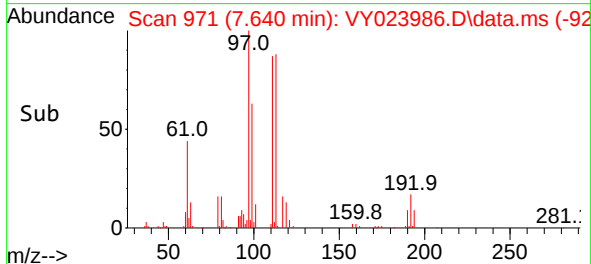
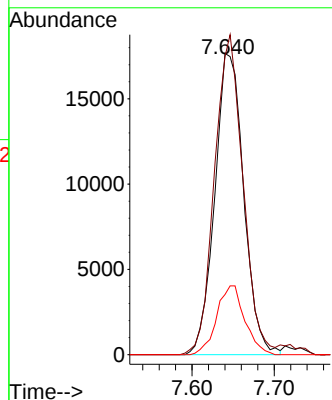
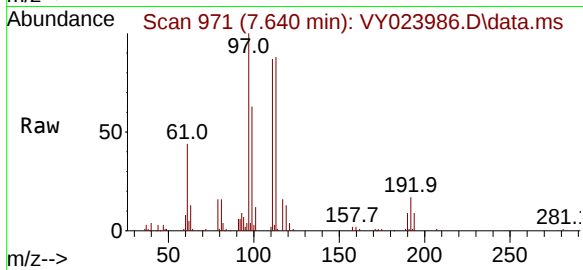
Tgt Ion:113 Resp: 43245

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 22.2 18.2 27.4



#36

1,1-Dichloropropene

Concen: 9.105 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

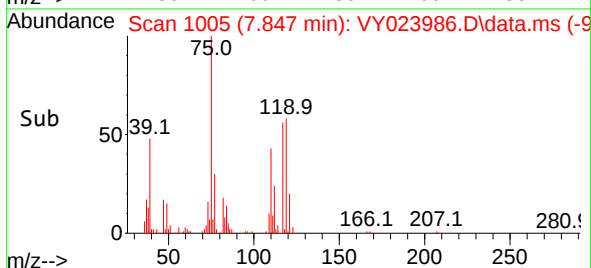
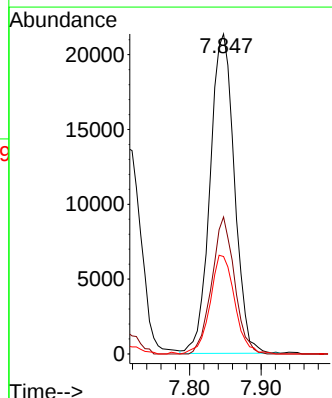
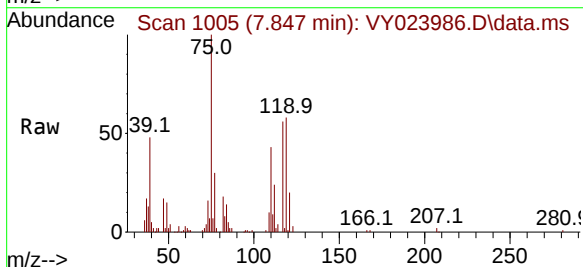
Tgt Ion: 75 Resp: 50377

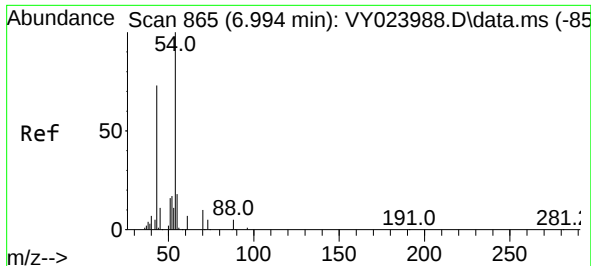
Ion Ratio Lower Upper

75 100

110 40.2 19.6 58.8

77 31.4 25.4 38.0





#37

Ethyl Acetate

Concen: 8.118 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

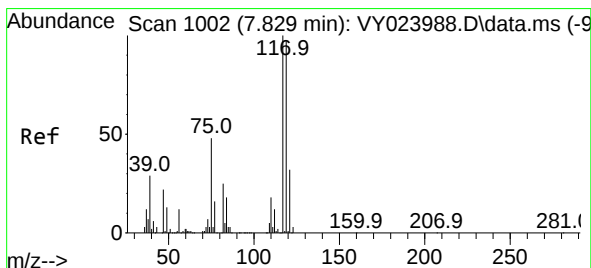
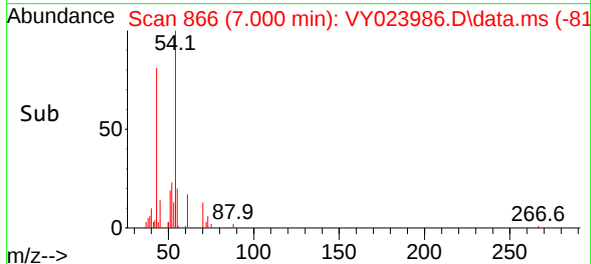
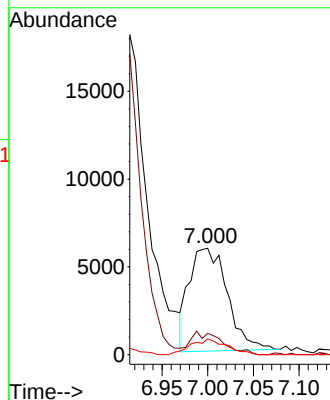
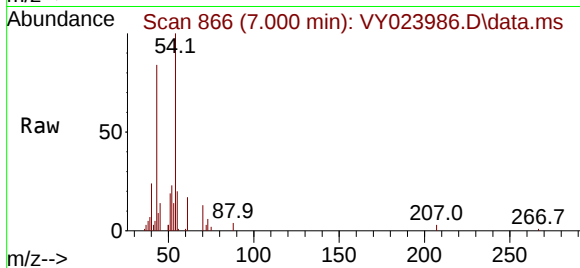
Tgt Ion: 43 Resp: 17003

Ion Ratio Lower Upper

43 100

61 18.6 12.6 18.8

70 14.4 9.0 13.6#



#38

Carbon Tetrachloride

Concen: 9.463 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

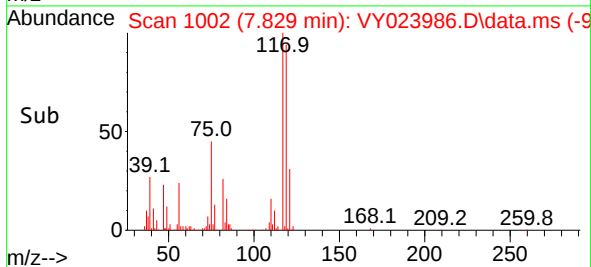
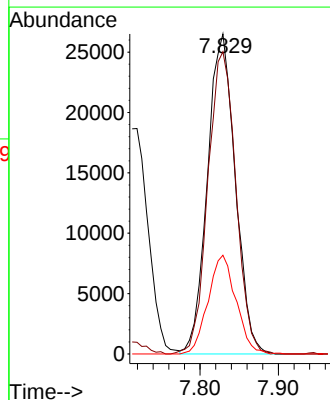
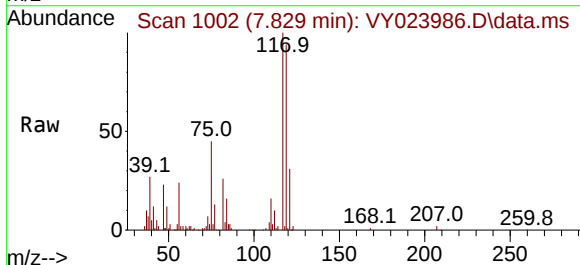
Tgt Ion: 117 Resp: 65582

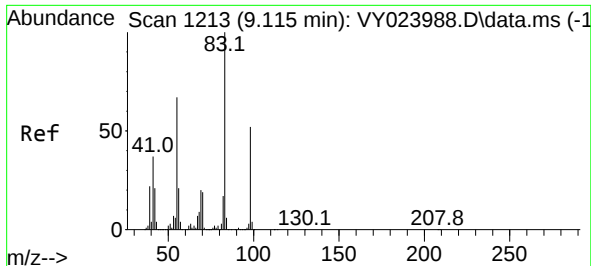
Ion Ratio Lower Upper

117 100

119 94.4 77.7 116.5

121 30.9 25.3 37.9





#39

Methylcyclohexane

Concen: 8.783 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

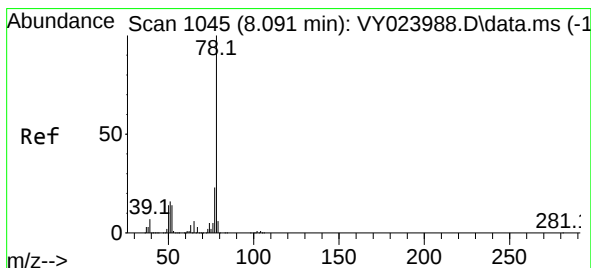
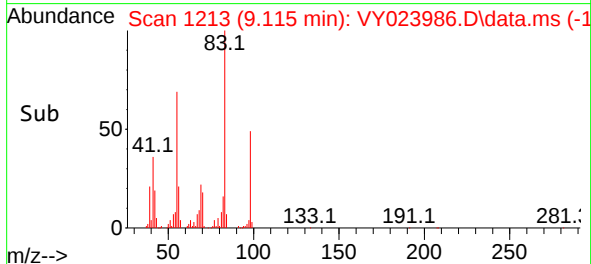
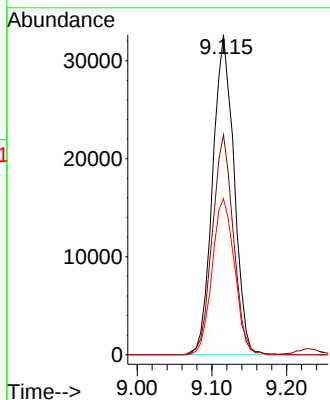
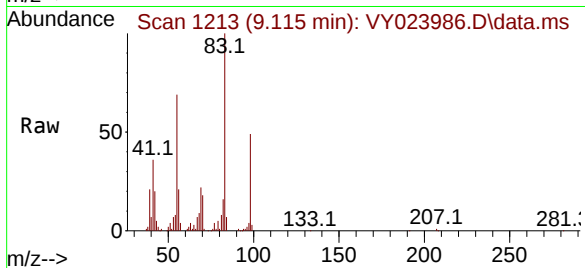
Tgt Ion: 83 Resp: 64794

Ion Ratio Lower Upper

83 100

55 68.7 53.8 80.6

98 48.7 41.3 61.9



#40

Benzene

Concen: 9.490 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY023986.D

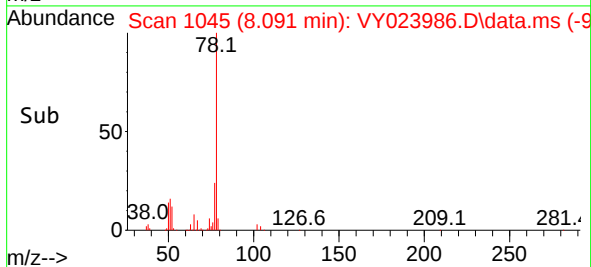
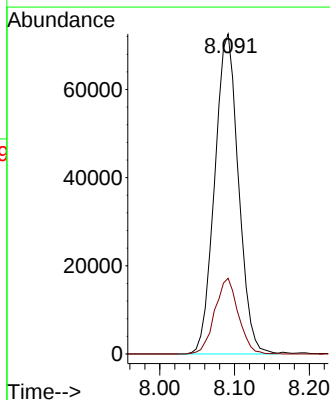
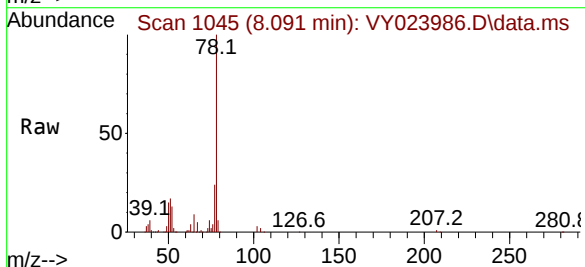
Acq: 16 Dec 2025 13:44

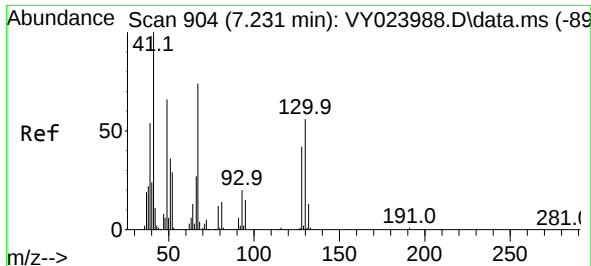
Tgt Ion: 78 Resp: 160991

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

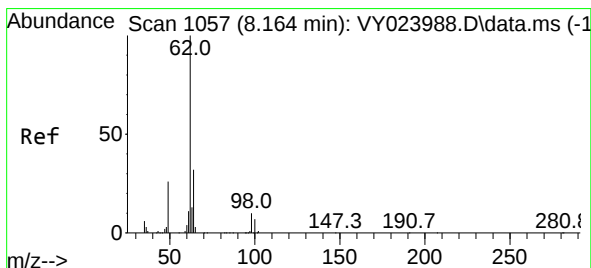
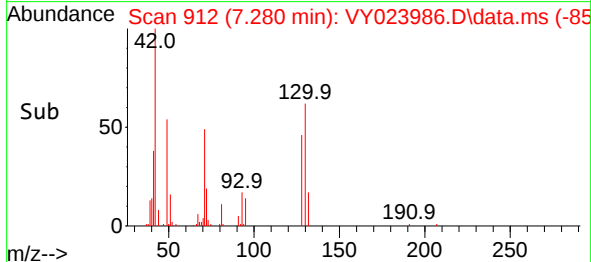
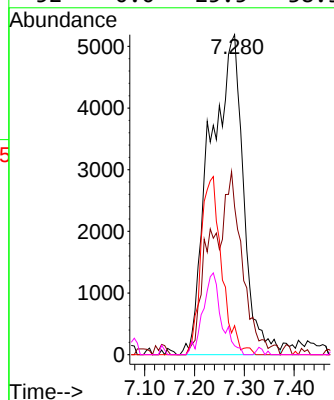
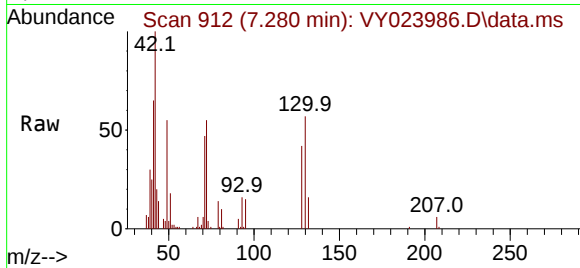




#41
Methacrylonitrile
Concen: 18.991 ug/l
RT: 7.280 min Scan# 912
Delta R.T. 0.049 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

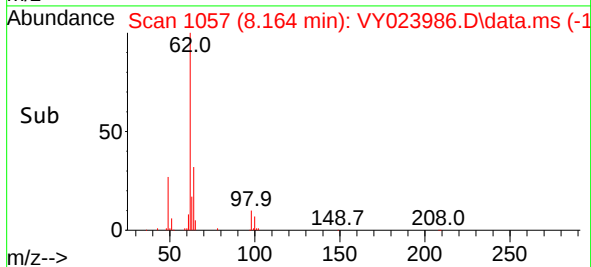
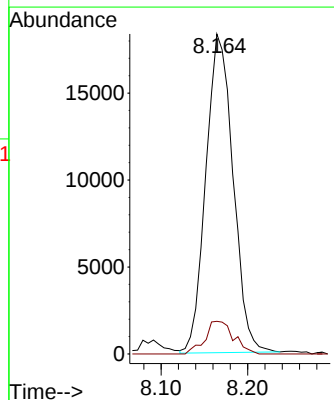
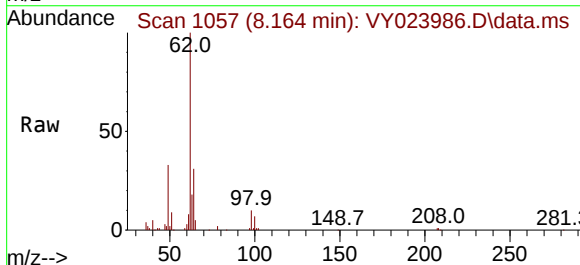
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

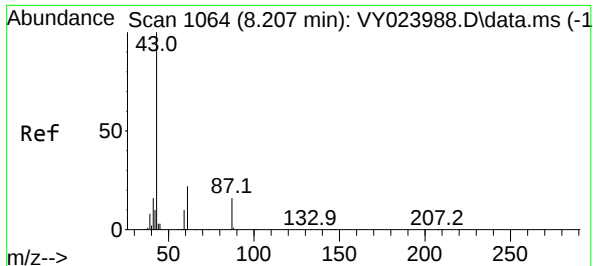
Tgt Ion:	41	Resp:	24018
Ion	Ratio	Lower	Upper
41	100		
39	32.6	37.9	56.9#
67	0.0	65.6	98.4#
52	0.0	25.5	38.3#



#42
1,2-Dichloroethane
Concen: 9.164 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion:	62	Resp:	40053
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8

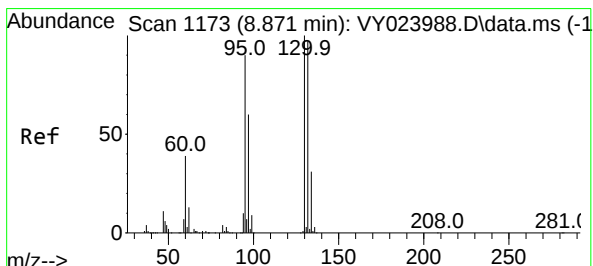
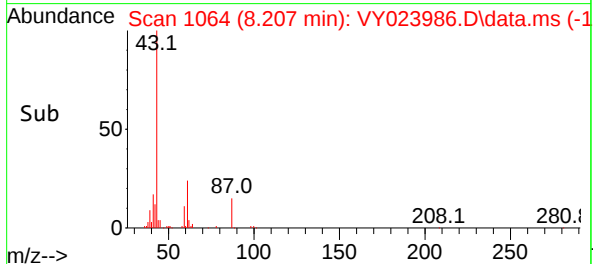
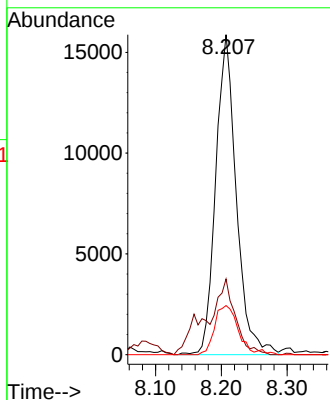
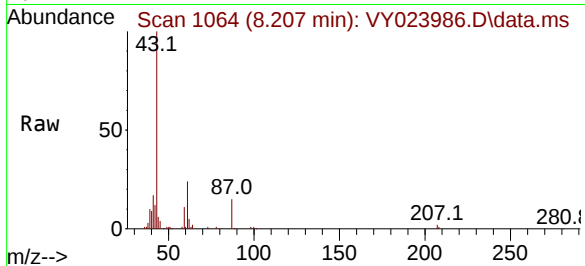




#43
Isopropyl Acetate
Concen: 8.535 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

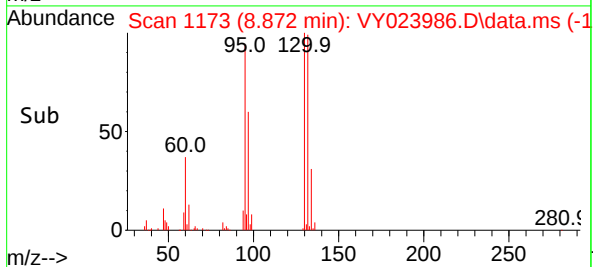
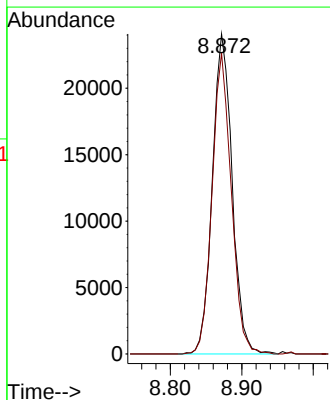
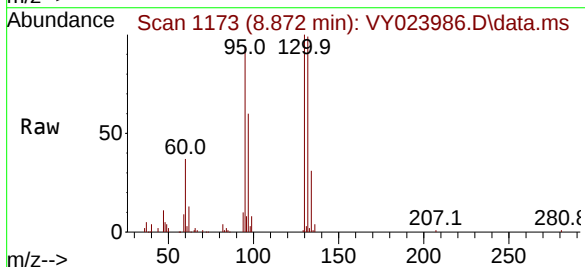
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

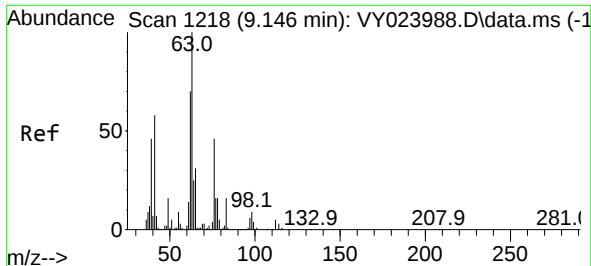
Tgt Ion: 43 Resp: 34579
Ion Ratio Lower Upper
43 100
61 21.6 26.6 39.8#
87 17.1 13.1 19.7



#44
Trichloroethene
Concen: 9.246 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion:130 Resp: 46224
Ion Ratio Lower Upper
130 100
95 94.0 0.0 180.2





#45

1,2-Dichloropropane

Concen: 9.283 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

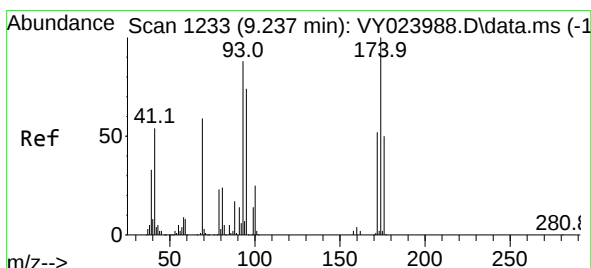
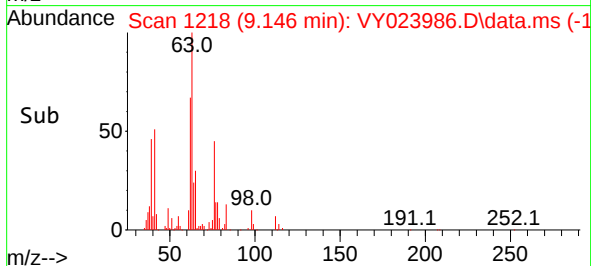
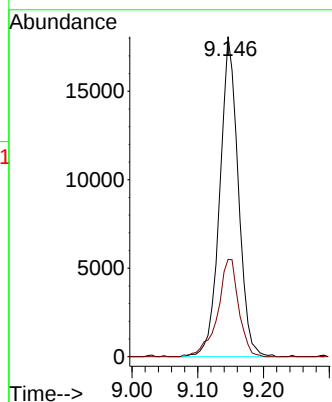
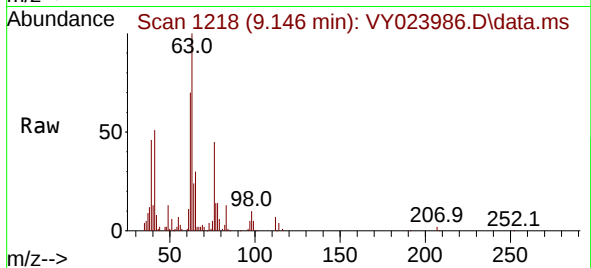
VSTDIC010

Tgt Ion: 63 Resp: 35362

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6



#46

Dibromomethane

Concen: 9.192 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

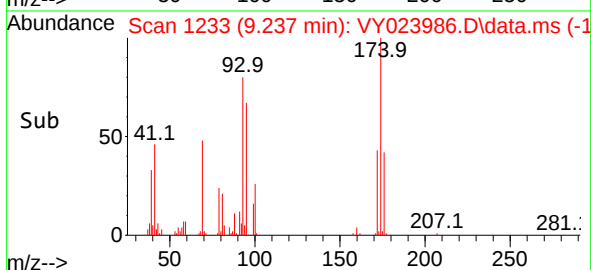
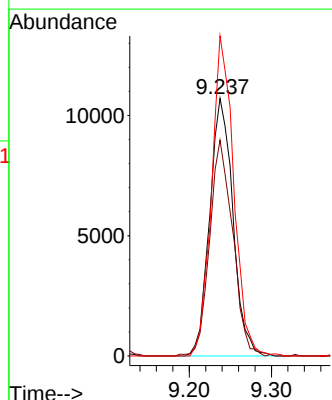
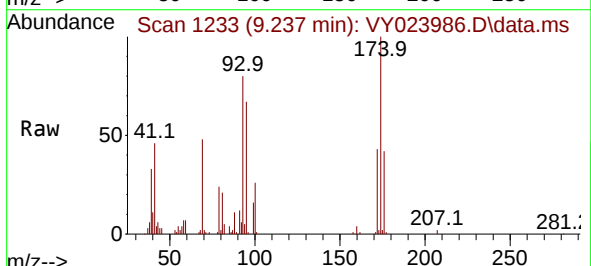
Tgt Ion: 93 Resp: 20997

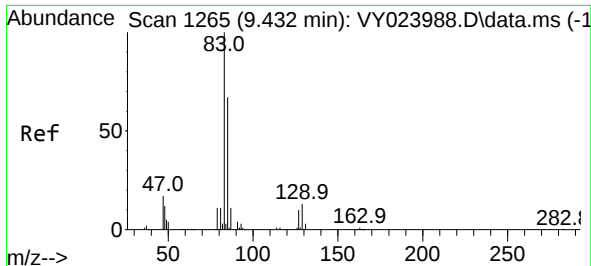
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.2

174 118.9 94.6 141.8

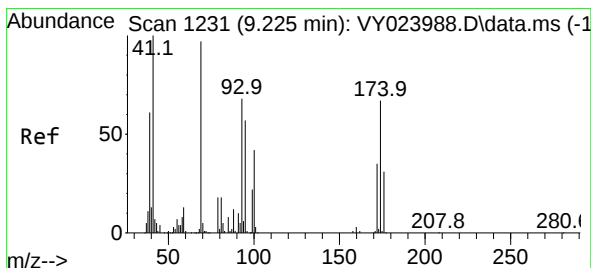
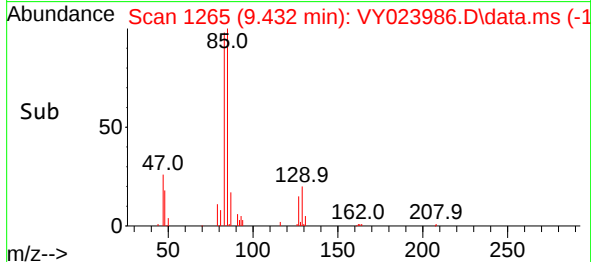
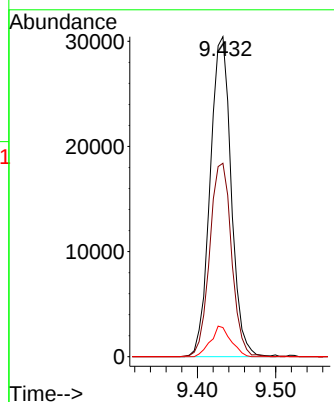
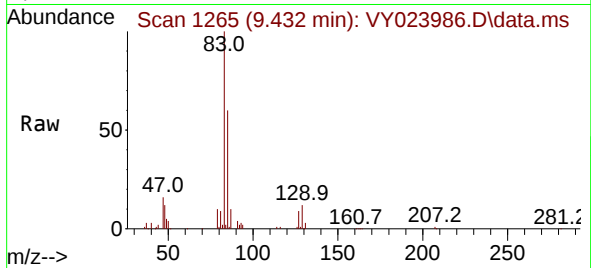




#47
Bromodichloromethane
Concen: 9.584 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

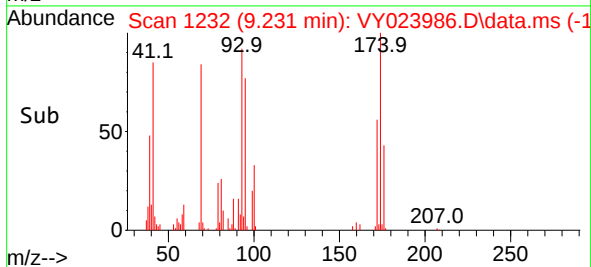
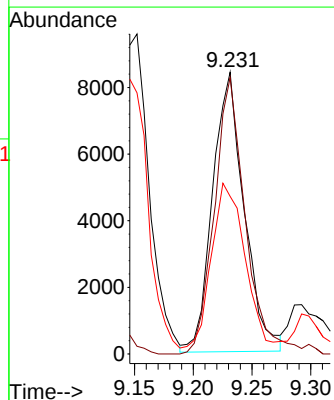
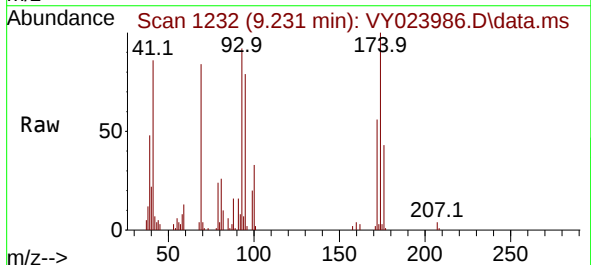
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

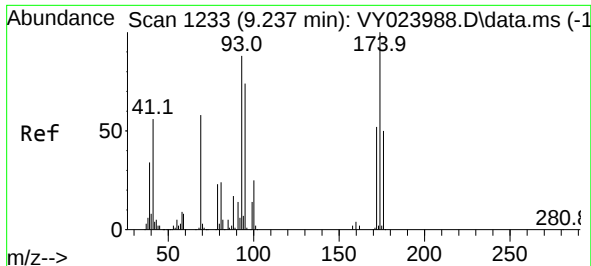
Tgt Ion: 83	Resp: 56802
Ion Ratio	Lower Upper
83 100	
85 60.5	53.5 80.3
127 9.1	7.8 11.6



#48
Methyl methacrylate
Concen: 7.943 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 41	Resp: 15685
Ion Ratio	Lower Upper
41 100	
69 98.1	78.2 117.4
39 64.1	47.2 70.8





#49

1,4-Dioxane

Concen: 173.344 ug/l

RT: 9.250 min Scan# 1233

Delta R.T. 0.013 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

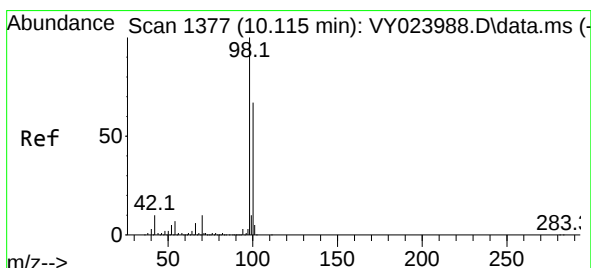
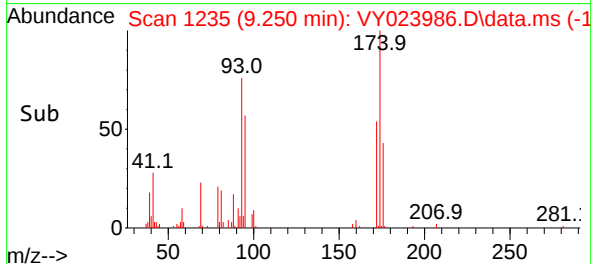
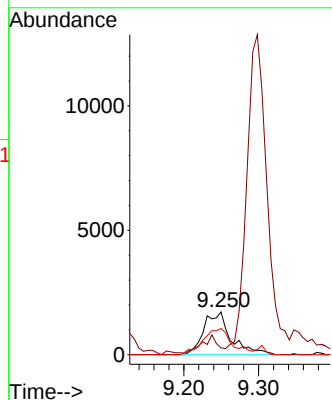
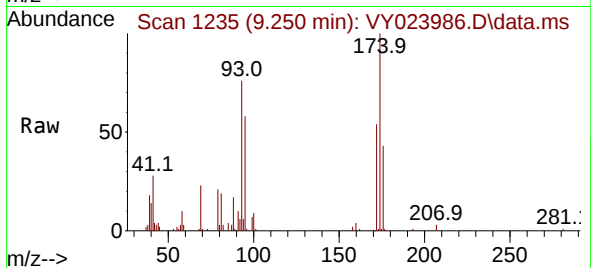
Tgt Ion: 88 Resp: 4313

Ion Ratio Lower Upper

88 100

43 24.2 21.0 31.4

58 65.5 48.9 73.3



#50

Toluene-d8

Concen: 10.520 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY023986.D

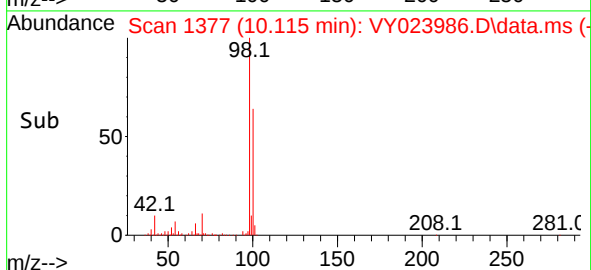
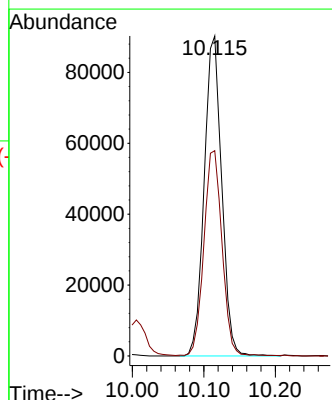
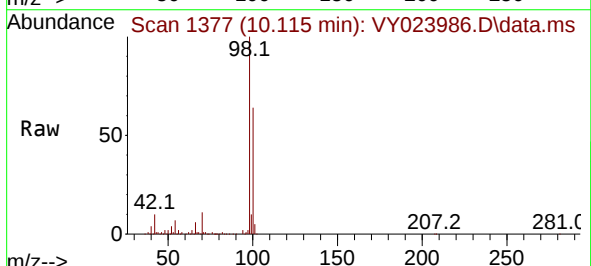
Acq: 16 Dec 2025 13:44

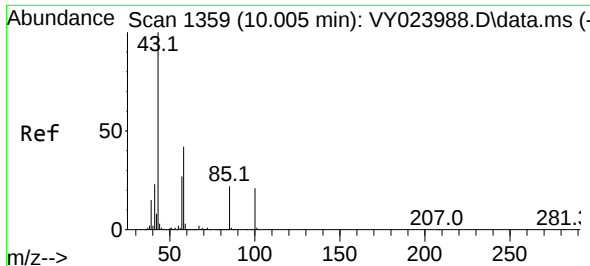
Tgt Ion: 98 Resp: 153235

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6

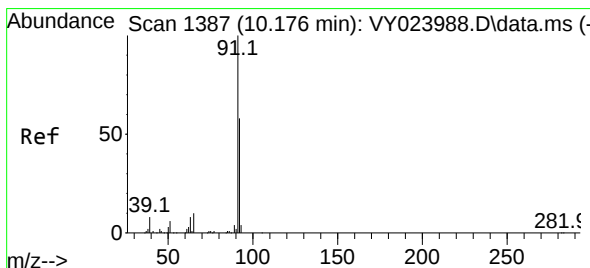
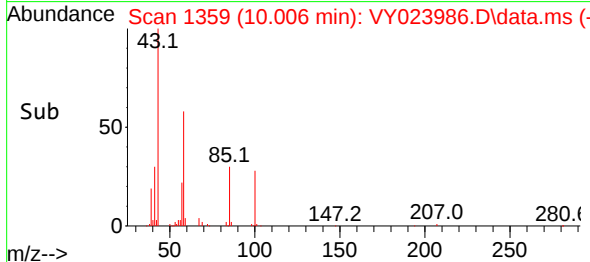
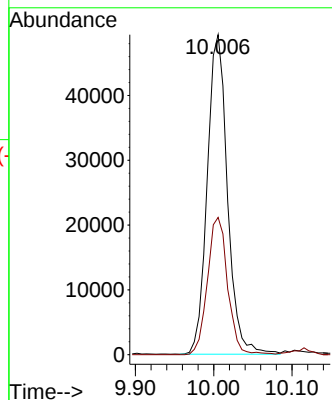
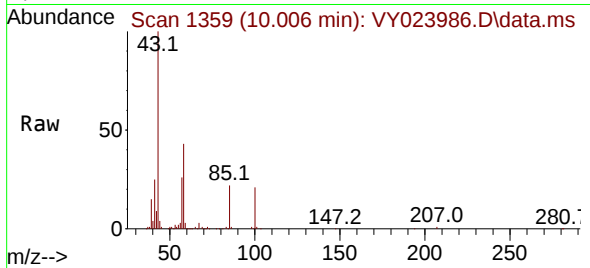




#51
4-Methyl-2-Pentanone
Concen: 41.609 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

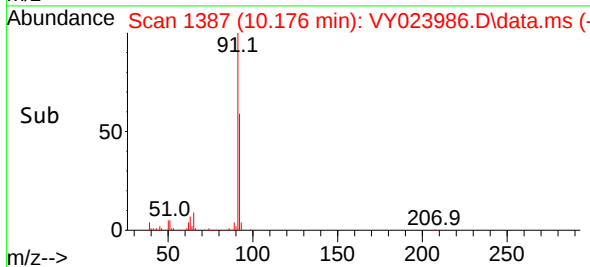
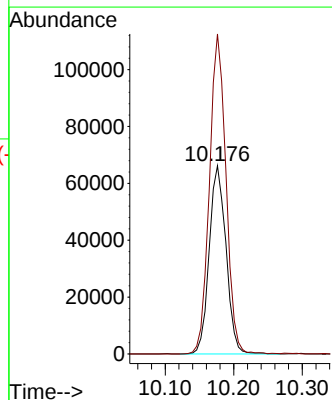
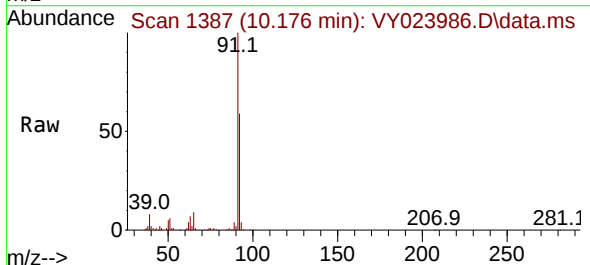
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

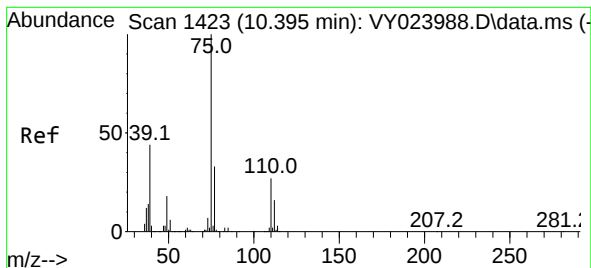
Tgt Ion: 43 Resp: 88239
Ion Ratio Lower Upper
43 100
58 43.0 34.2 51.4



#52
Toluene
Concen: 9.561 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 92 Resp: 112903
Ion Ratio Lower Upper
92 100
91 167.7 136.7 205.1

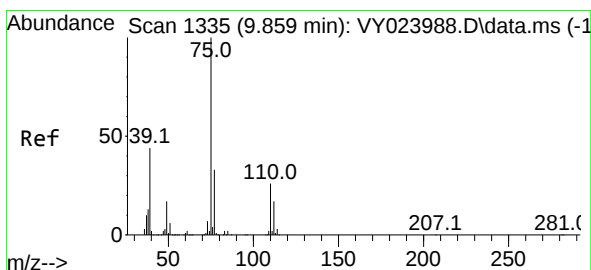
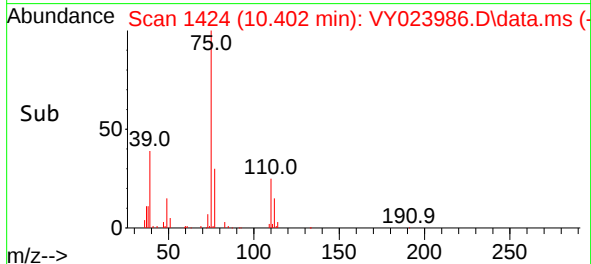
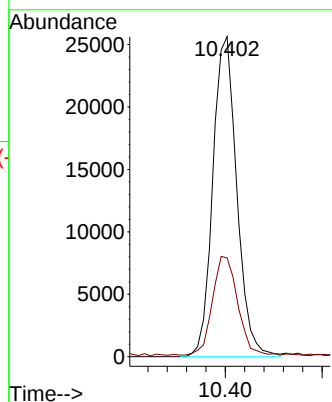
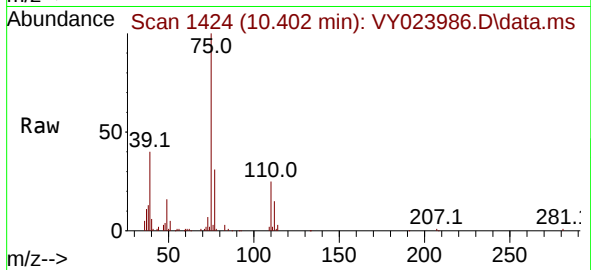




#53
t-1,3-Dichloropropene
Concen: 8.761 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

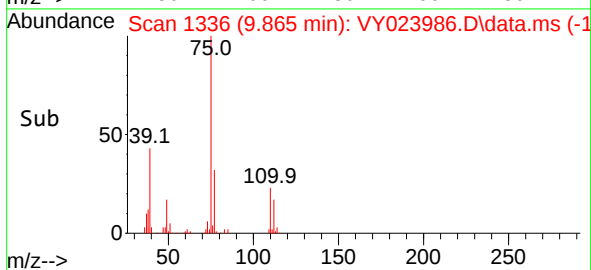
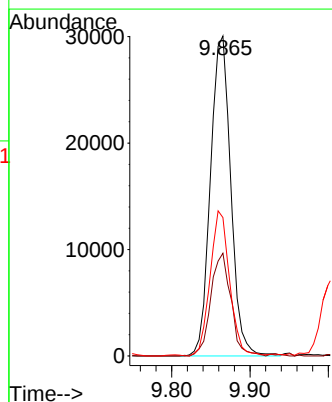
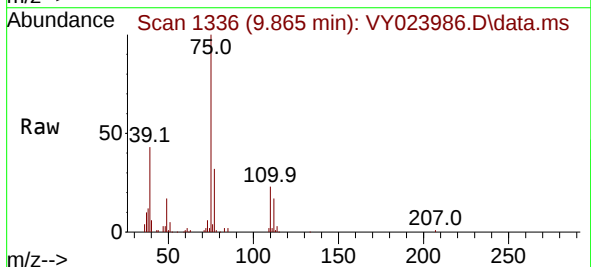
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

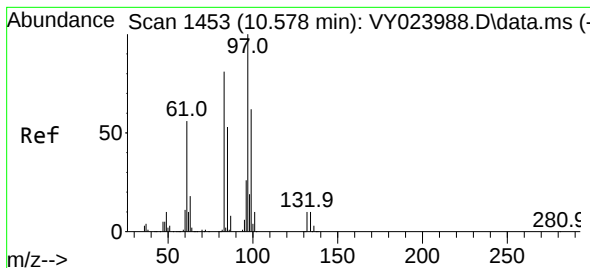
Tgt Ion: 75 Resp: 44134
Ion Ratio Lower Upper
75 100
77 30.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 8.984 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 75 Resp: 54217
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 43.0 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 9.656 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 30298

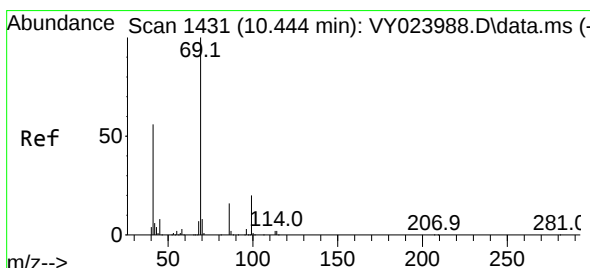
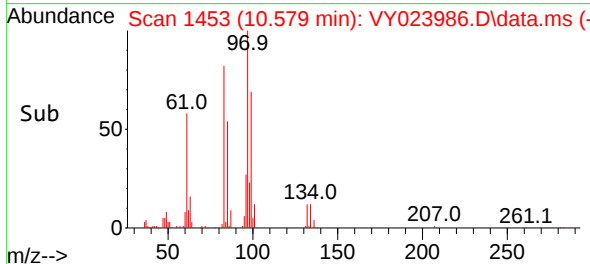
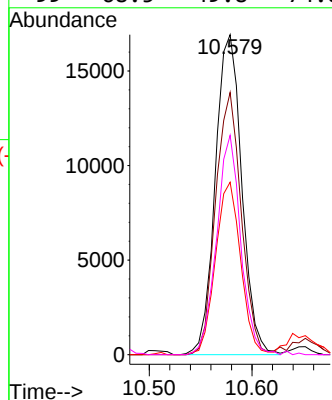
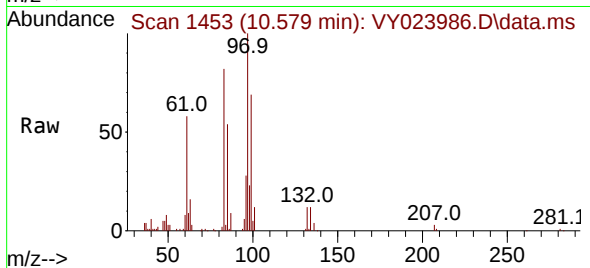
Ion Ratio Lower Upper

97 100

83 81.9 64.5 96.7

85 53.9 42.0 63.0

99 68.5 49.8 74.8



#56

Ethyl methacrylate

Concen: 10.151 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

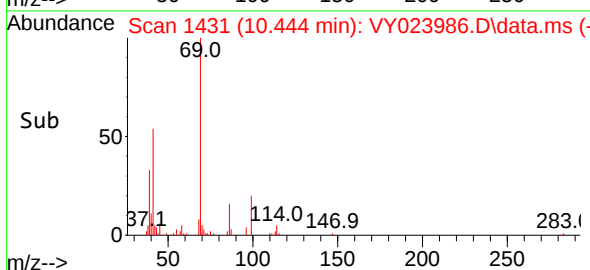
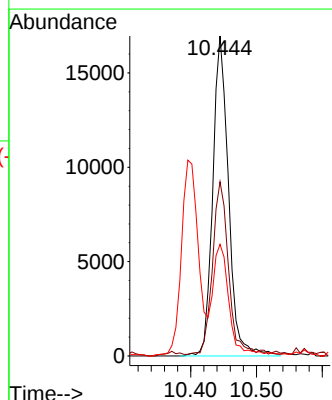
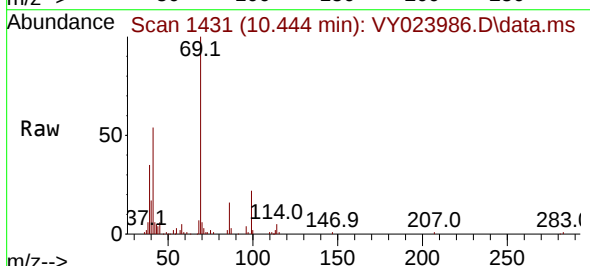
Tgt Ion: 69 Resp: 28307

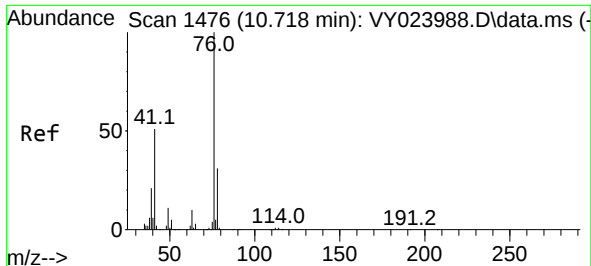
Ion Ratio Lower Upper

69 100

41 54.7 46.2 69.4

39 34.9 28.1 42.1





#57

1,3-Dichloropropane

Concen: 9.188 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

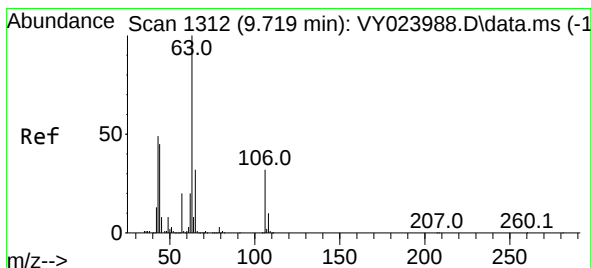
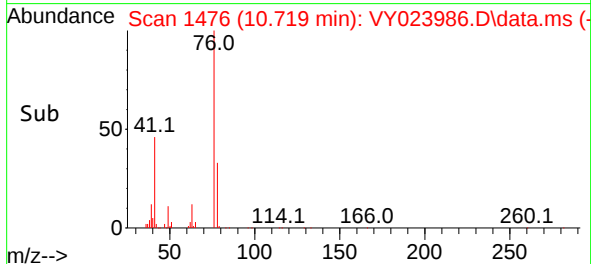
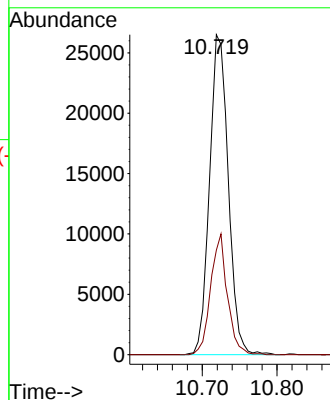
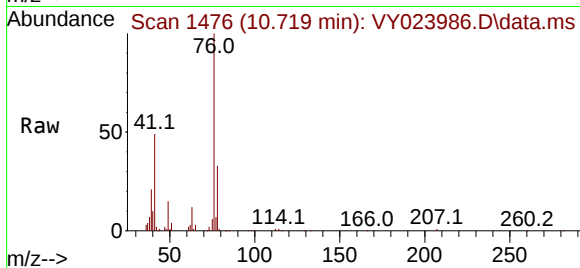
VSTDICC010

Tgt Ion: 76 Resp: 46218

Ion Ratio Lower Upper

76 100

78 33.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 52.327 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY023986.D

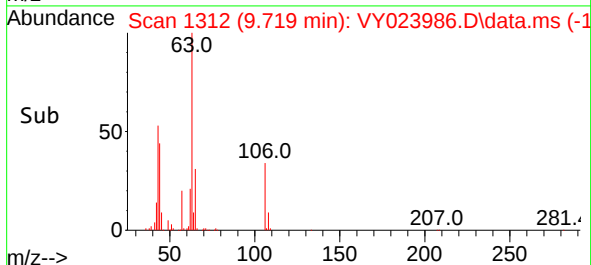
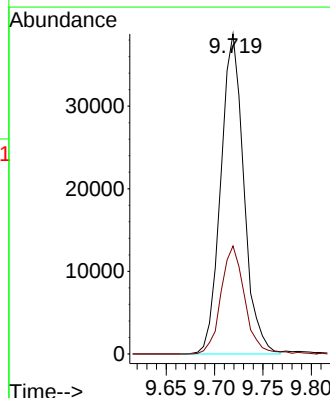
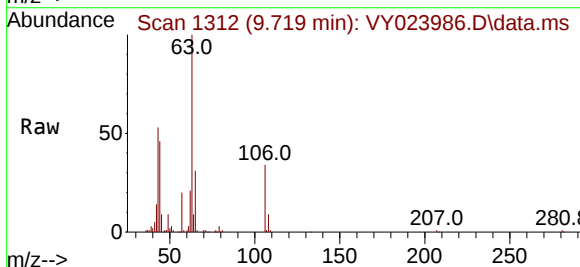
Acq: 16 Dec 2025 13:44

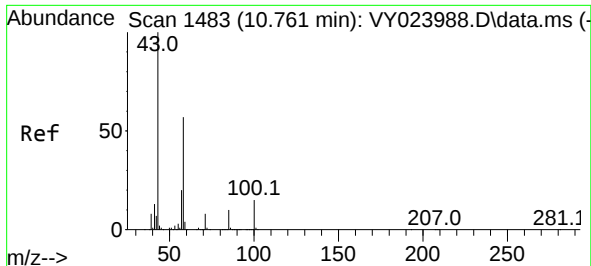
Tgt Ion: 63 Resp: 64206

Ion Ratio Lower Upper

63 100

106 34.8 25.8 38.8





#59

2-Hexanone

Concen: 43.129 ug/l

RT: 10.768 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

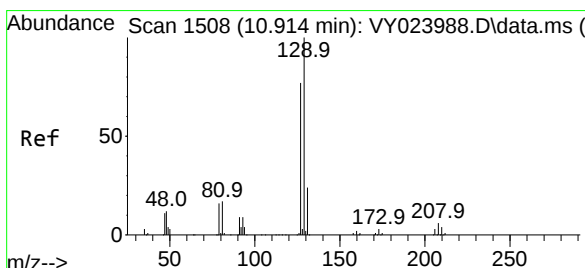
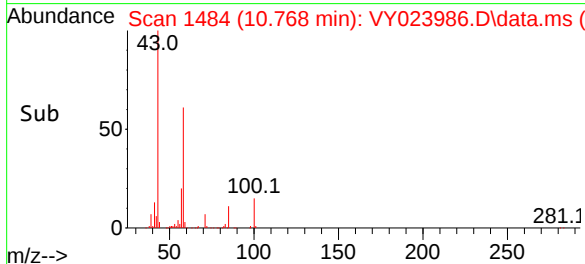
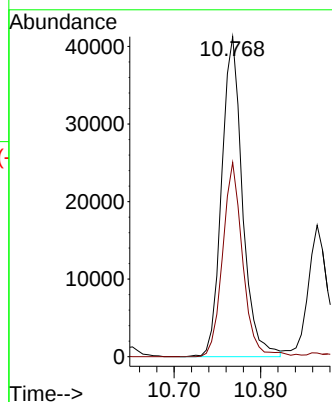
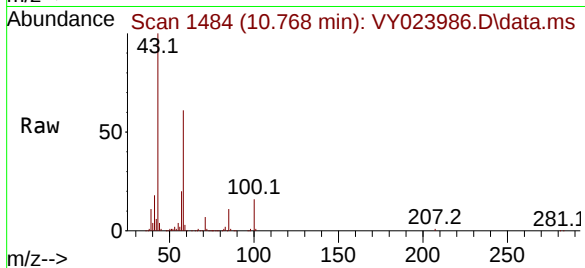
VSTDIC010

Tgt Ion: 43 Resp: 68734

Ion Ratio Lower Upper

43 100

58 58.7 29.6 88.9



#60

Dibromochloromethane

Concen: 9.264 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY023986.D

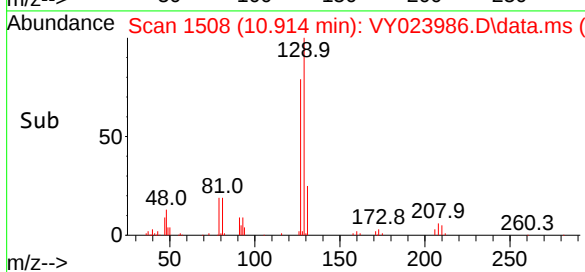
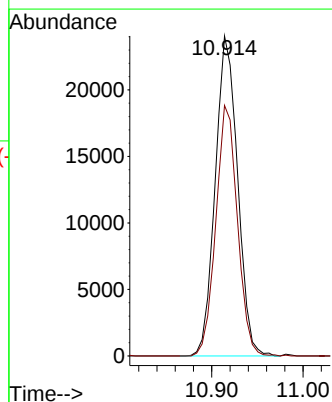
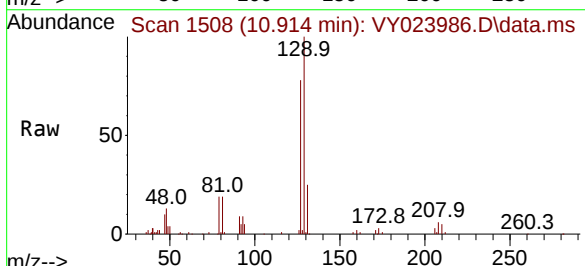
Acq: 16 Dec 2025 13:44

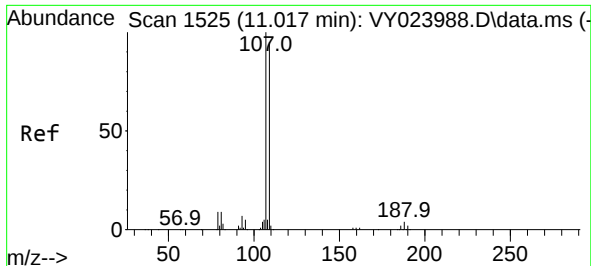
Tgt Ion:129 Resp: 40879

Ion Ratio Lower Upper

129 100

127 75.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 9.111 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

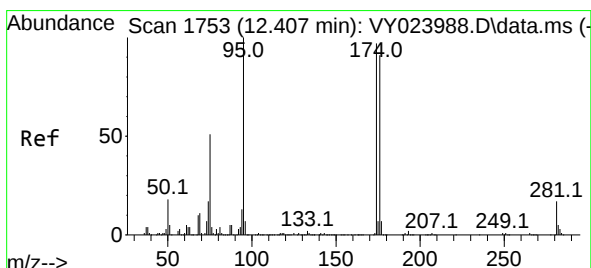
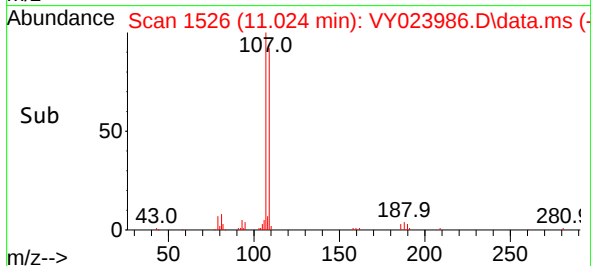
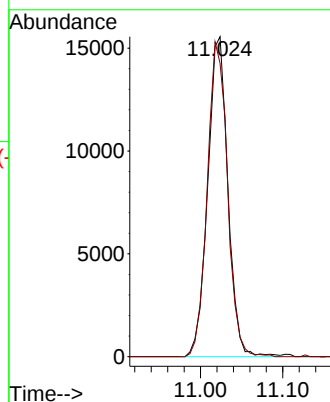
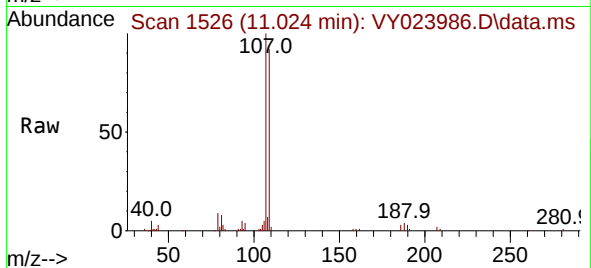
VSTDIC010

Tgt Ion:107 Resp: 26471

Ion Ratio Lower Upper

107 100

109 98.7 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 10.478 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

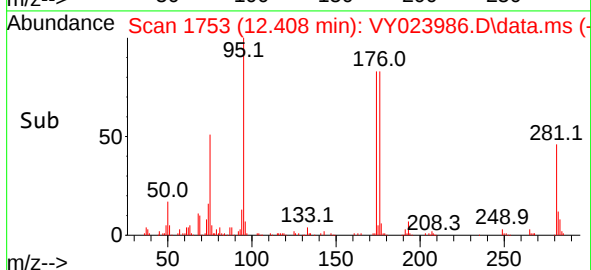
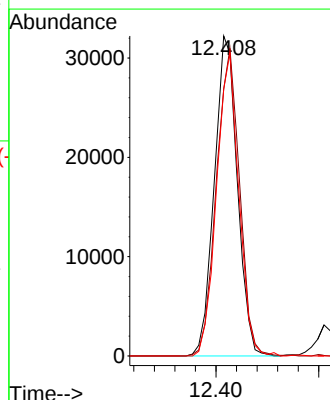
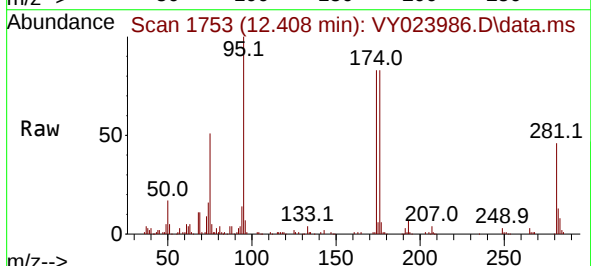
Tgt Ion: 95 Resp: 50023

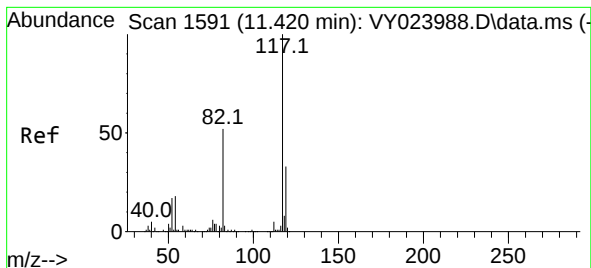
Ion Ratio Lower Upper

95 100

174 96.8 0.0 196.6

176 91.4 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

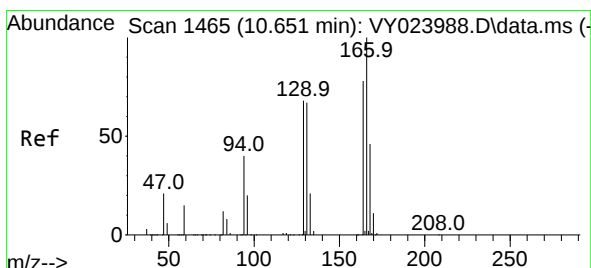
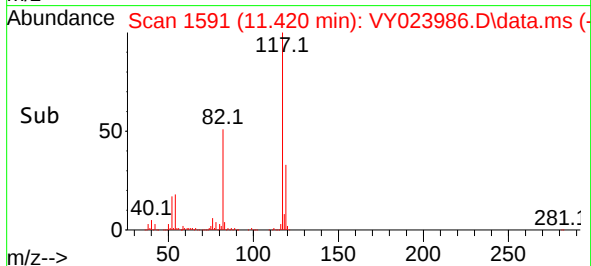
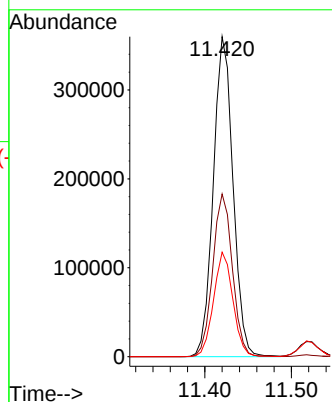
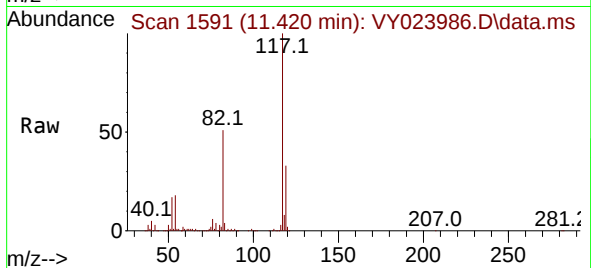
Tgt Ion:117 Resp: 569314

Ion Ratio Lower Upper

117 100

82 50.9 41.6 62.4

119 32.7 26.2 39.2



#64

Tetrachloroethene

Concen: 9.699 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Tgt Ion:164 Resp: 56654

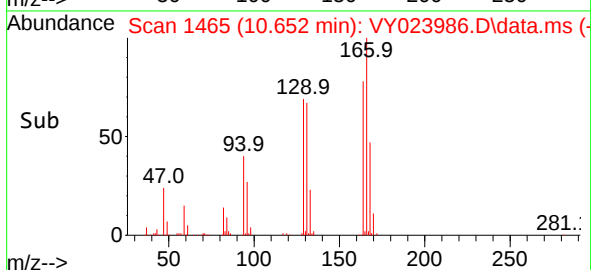
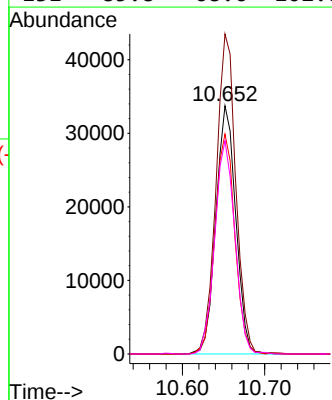
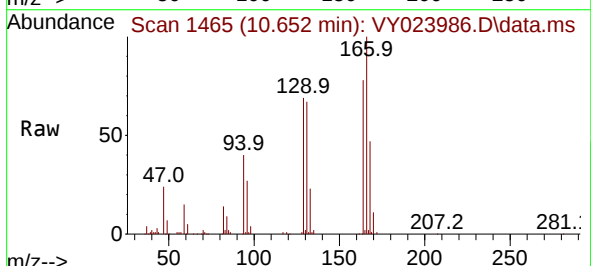
Ion Ratio Lower Upper

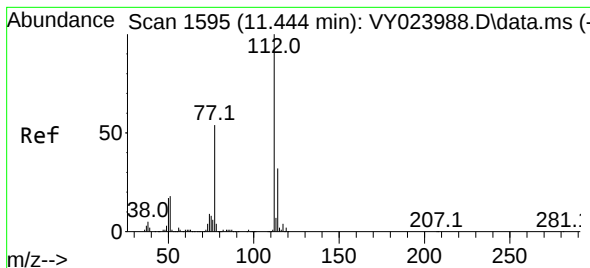
164 100

166 128.9 102.7 154.1

129 88.6 69.8 104.8

131 85.8 68.6 102.8





#65

Chlorobenzene

Concen: 9.546 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

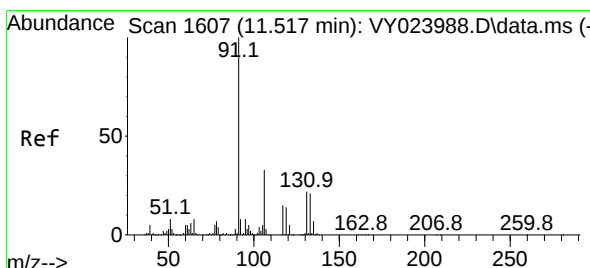
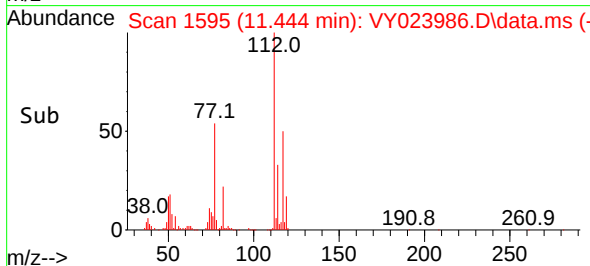
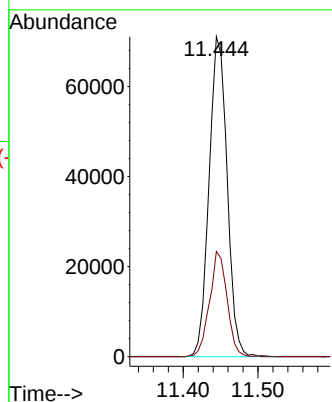
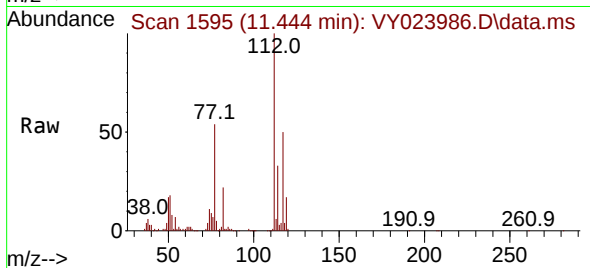
VSTDIC010

Tgt Ion:112 Resp: 119596

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 9.482 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

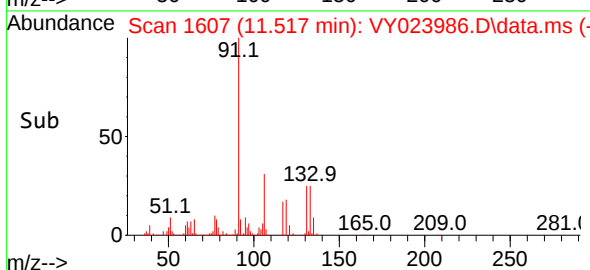
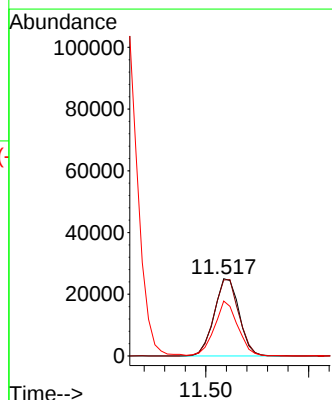
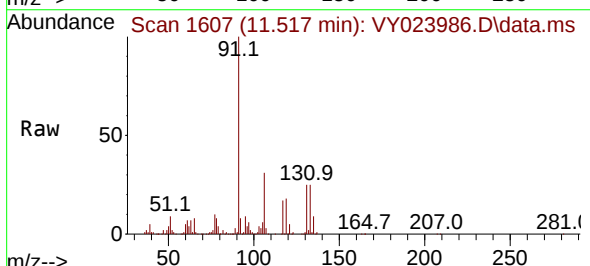
Tgt Ion:131 Resp: 41929

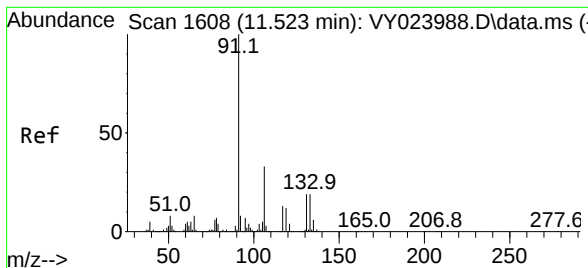
Ion Ratio Lower Upper

131 100

133 99.5 48.4 145.0

119 67.2 32.4 97.2

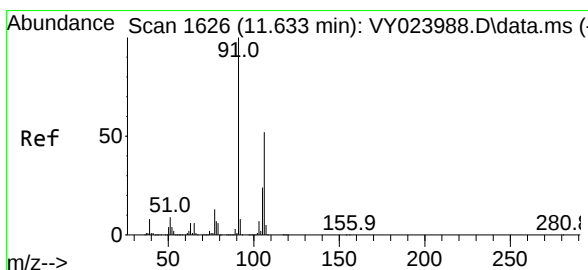
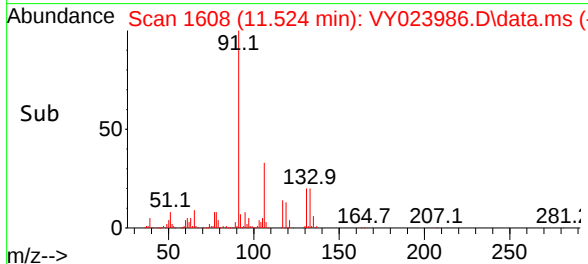
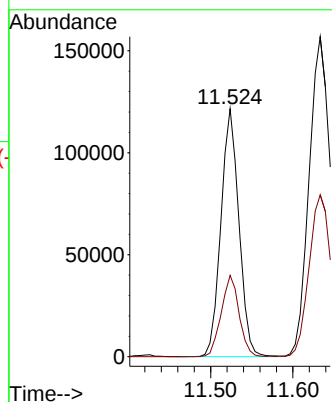
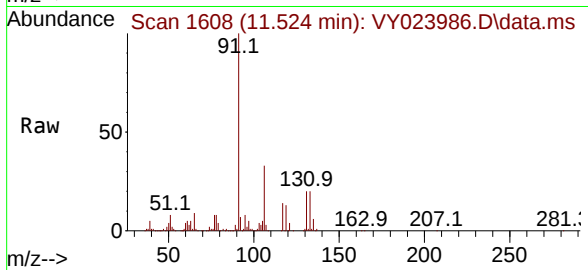




#67
Ethyl Benzene
Concen: 9.073 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

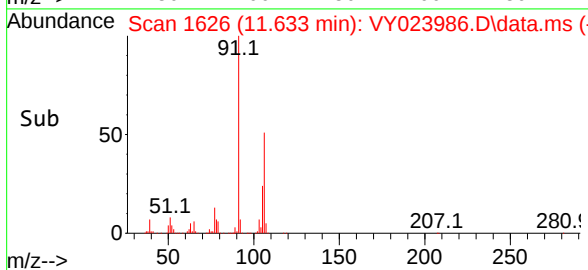
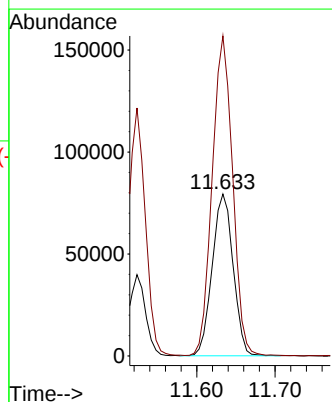
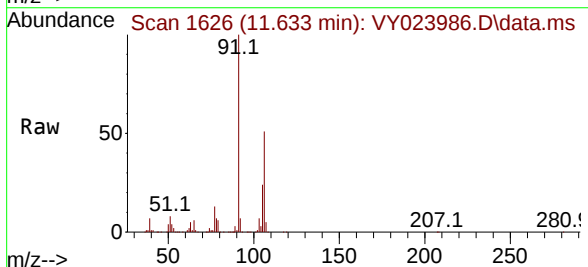
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

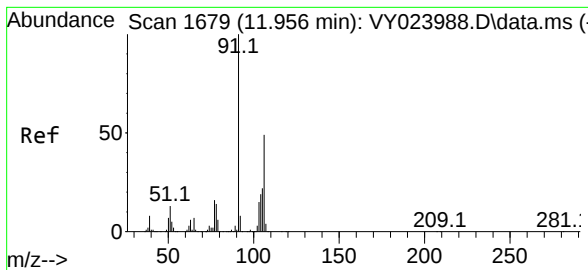
Tgt Ion: 91 Resp: 184923
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.2



#68
m/p-Xylenes
Concen: 17.980 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion:106 Resp: 147195
Ion Ratio Lower Upper
106 100
91 193.3 153.8 230.6

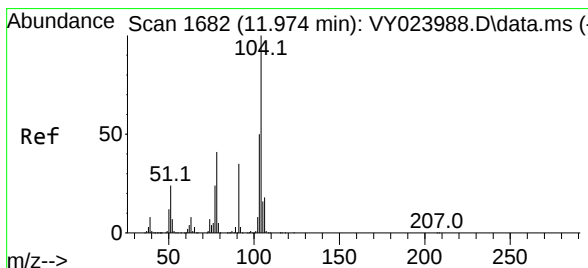
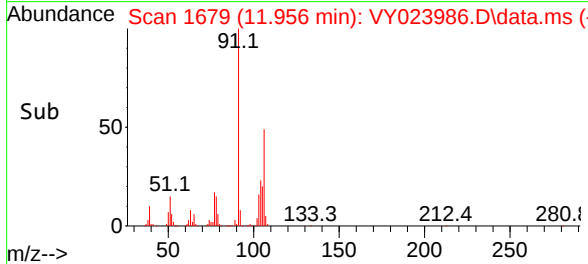
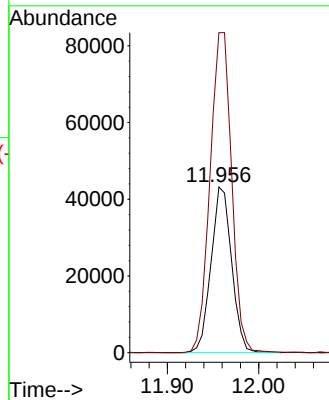
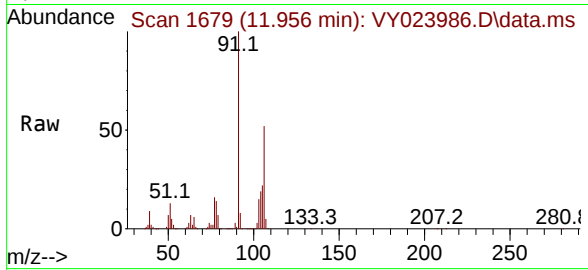




#69
o-Xylene
Concen: 8.864 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

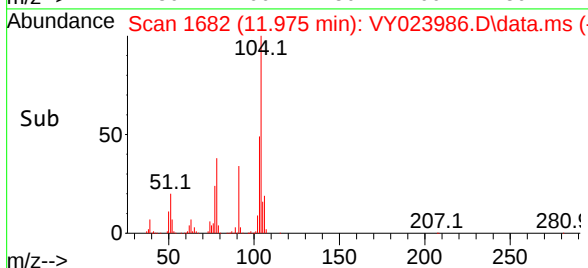
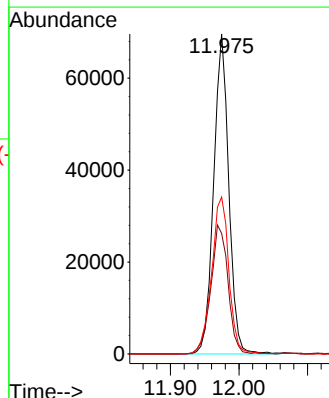
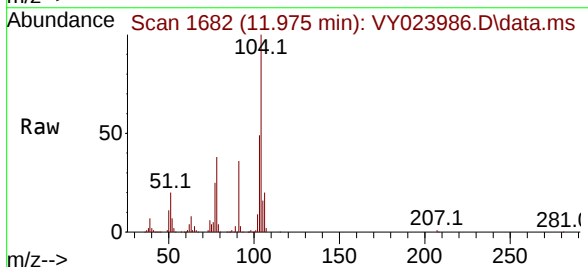
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

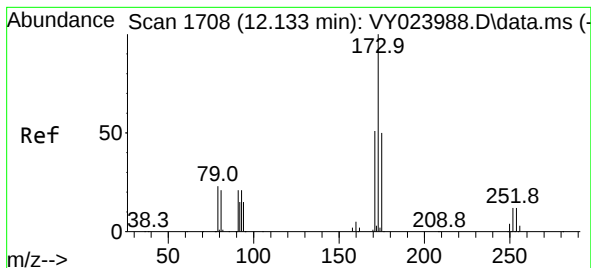
Tgt Ion:106 Resp: 67496
Ion Ratio Lower Upper
106 100
91 203.4 101.4 304.3



#70
Styrene
Concen: 8.738 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion:104 Resp: 106797
Ion Ratio Lower Upper
104 100
78 45.9 37.2 55.8
103 56.2 43.7 65.5





#71

Bromoform

Concen: 8.932 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

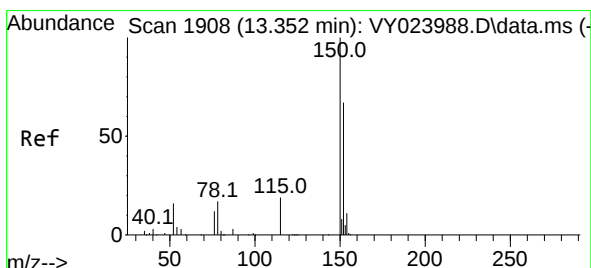
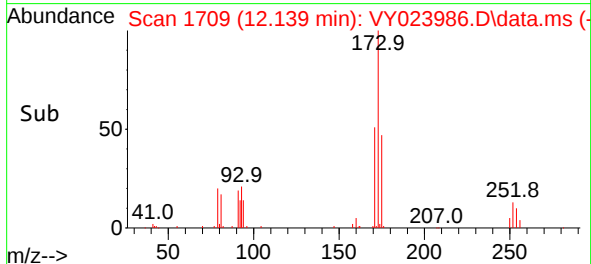
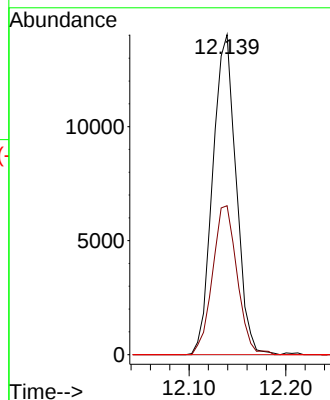
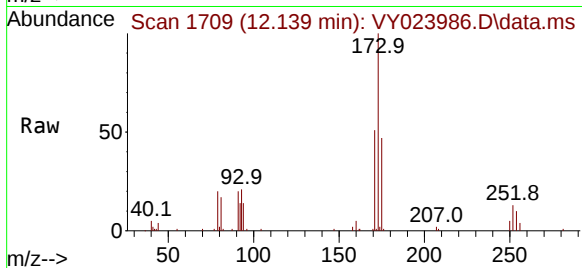
Tgt Ion:173 Resp: 23563

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

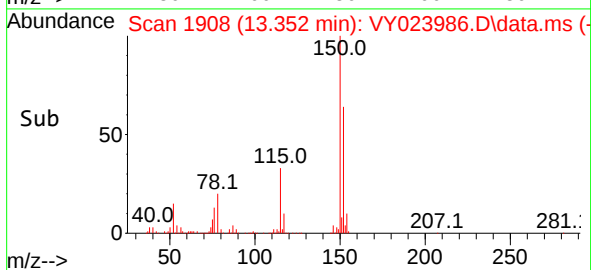
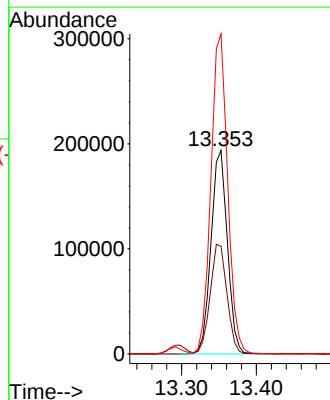
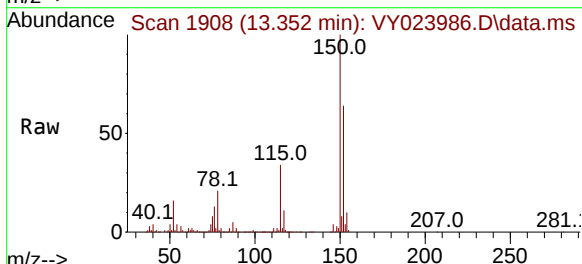
Tgt Ion:152 Resp: 294337

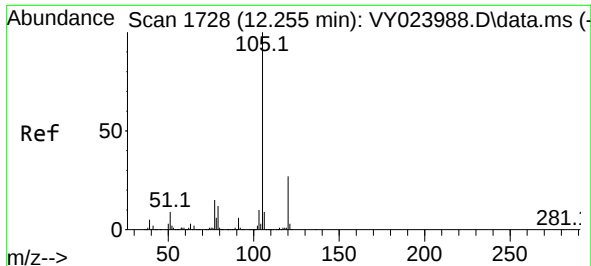
Ion Ratio Lower Upper

152 100

115 55.2 27.2 81.5

150 160.5 0.0 349.6

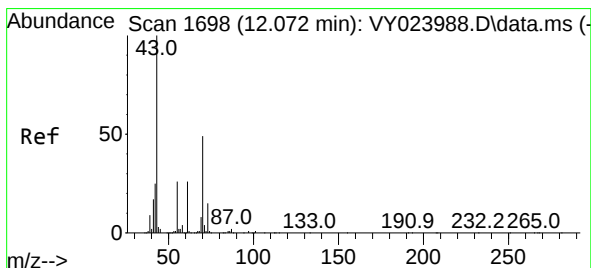
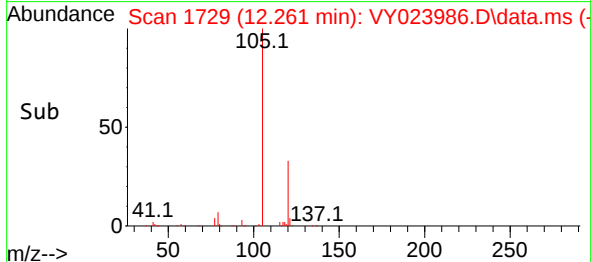
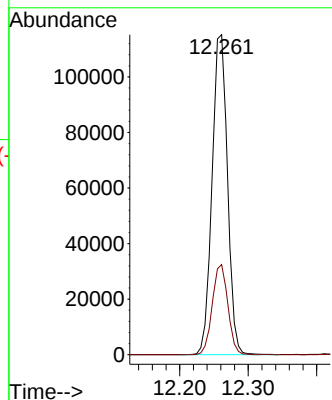
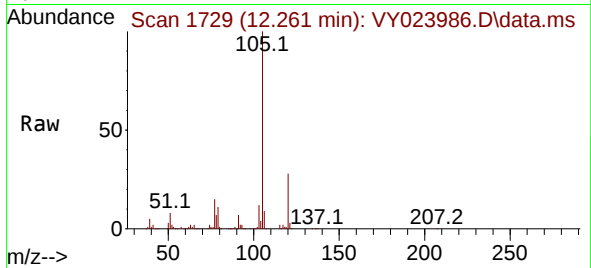




#73
Isopropylbenzene
Concen: 8.893 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

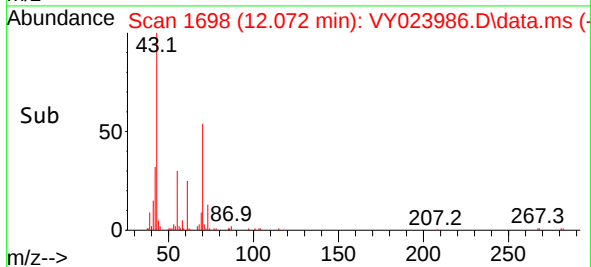
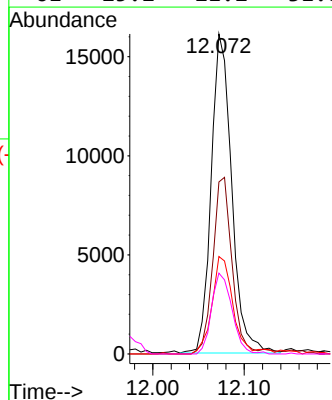
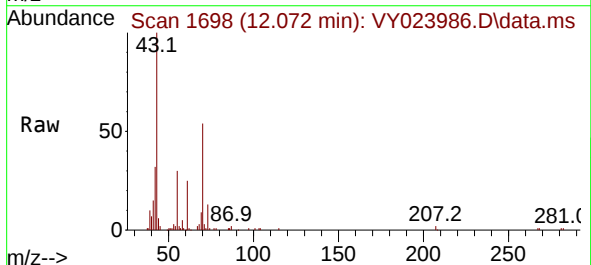
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

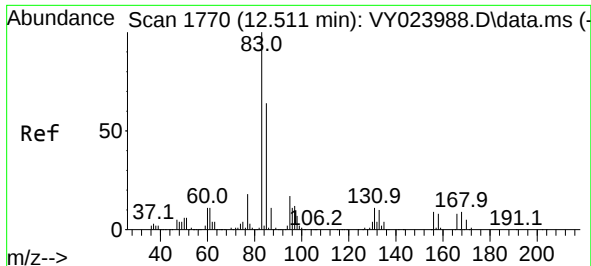
Tgt Ion:105 Resp: 180302
Ion Ratio Lower Upper
105 100
120 28.4 13.8 41.4



#74
N-ethyl acetate
Concen: 8.219 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 43 Resp: 25142
Ion Ratio Lower Upper
43 100
70 51.6 39.3 58.9
55 31.6 22.5 33.7
61 25.2 21.2 31.8

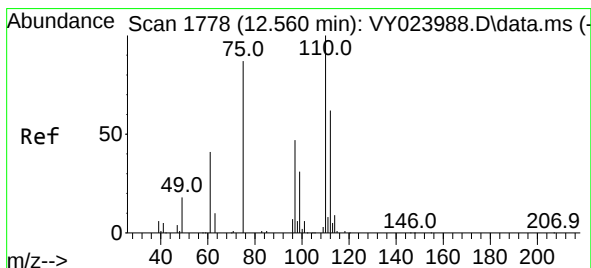
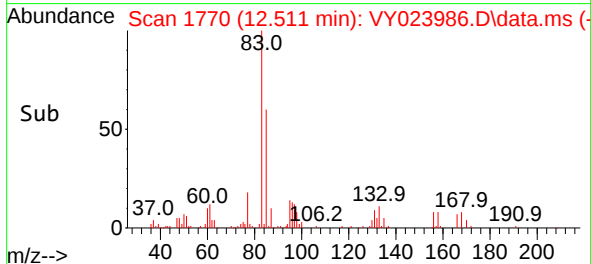
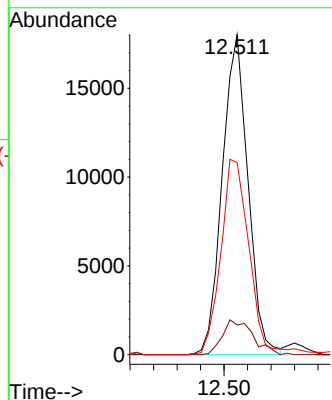
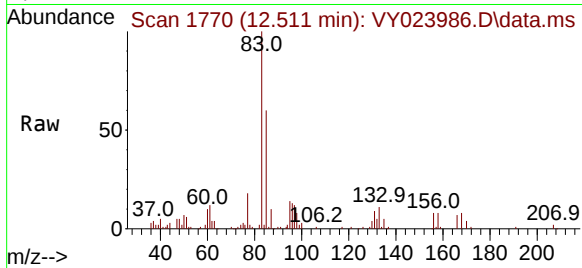




#75
 1,1,2,2-Tetrachloroethane
 Concen: 8.914 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

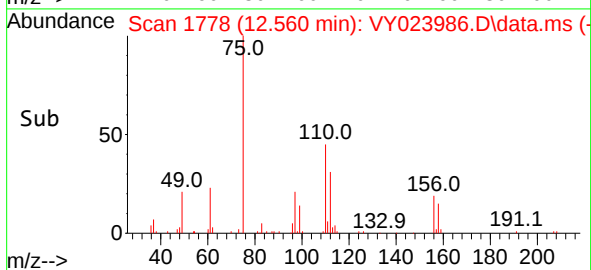
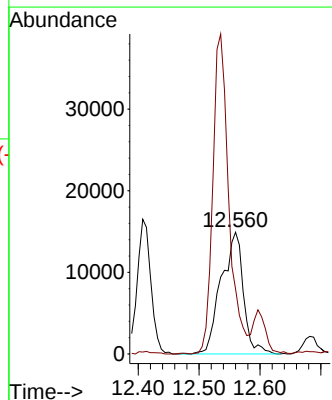
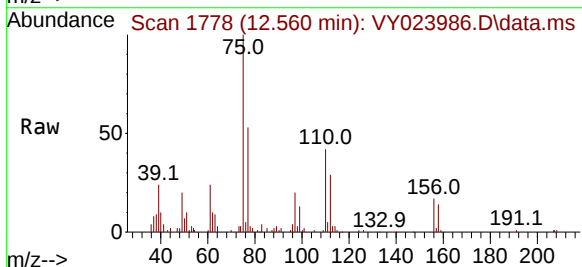
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

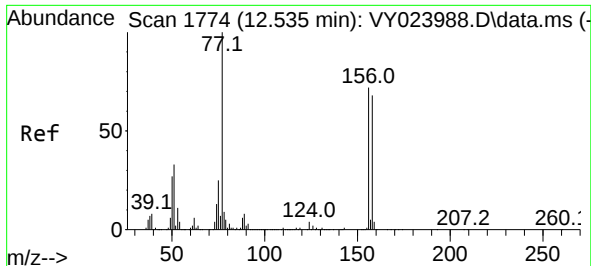
Tgt Ion: 83 Resp: 27383
 Ion Ratio Lower Upper
 83 100
 131 12.9 5.9 17.7
 85 67.6 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 14.525 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023986.D
 Acq: 16 Dec 2025 13:44

Tgt Ion: 75 Resp: 37853
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

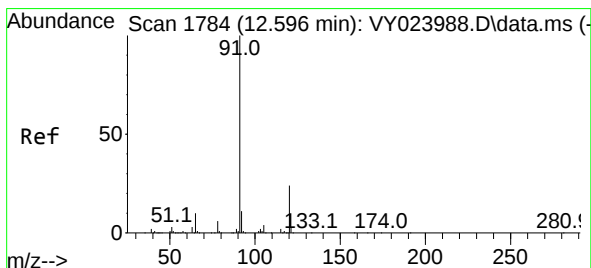
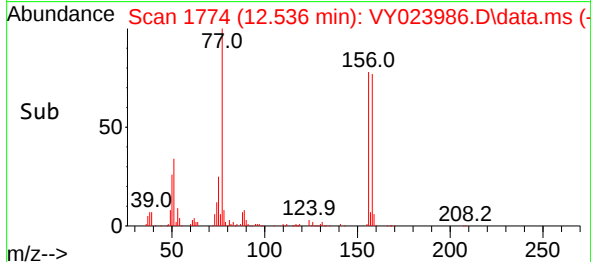
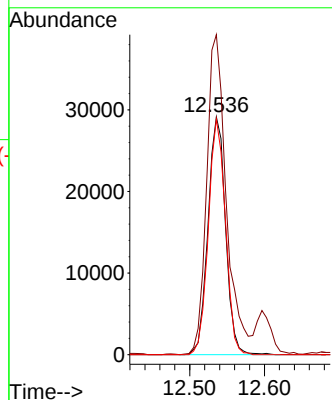
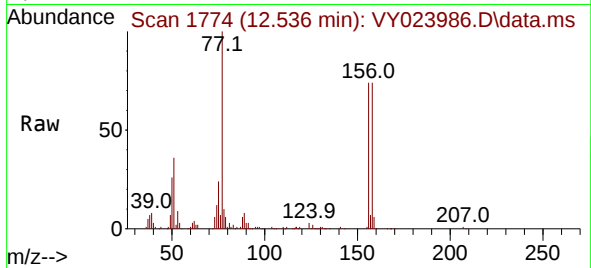




#77
Bromobenzene
Concen: 9.335 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

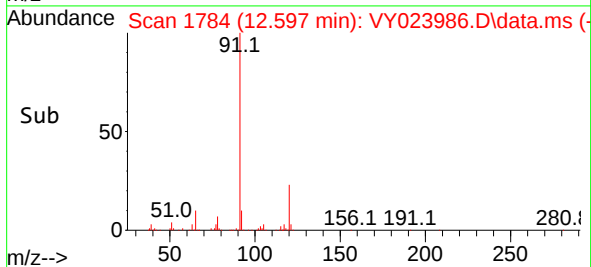
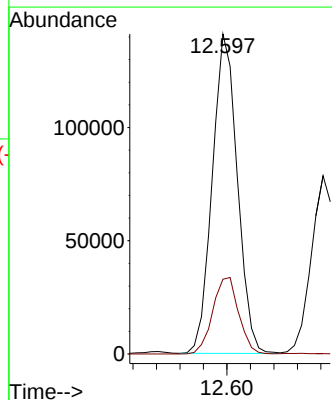
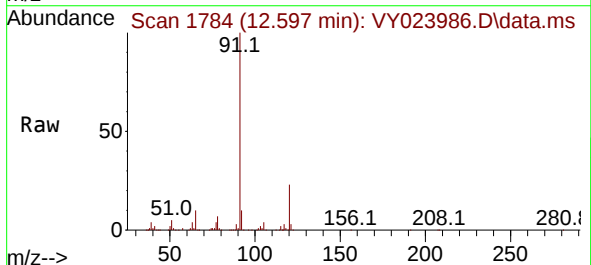
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

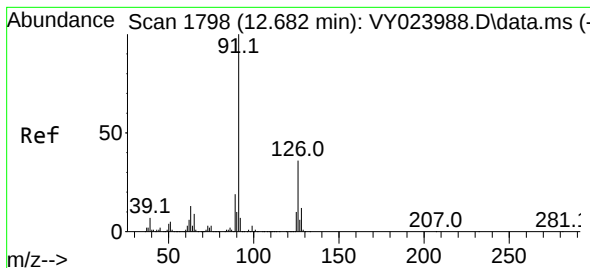
Tgt Ion:156 Resp: 47573
Ion Ratio Lower Upper
156 100
77 150.1 76.6 230.0
158 96.3 48.0 144.2



#78
n-propylbenzene
Concen: 8.993 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 91 Resp: 208955
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 8.971 ug/l

RT: 12.682 min Scan# 119332

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

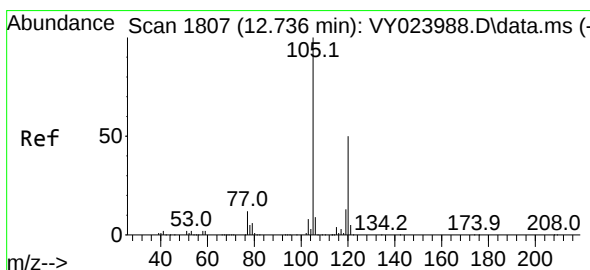
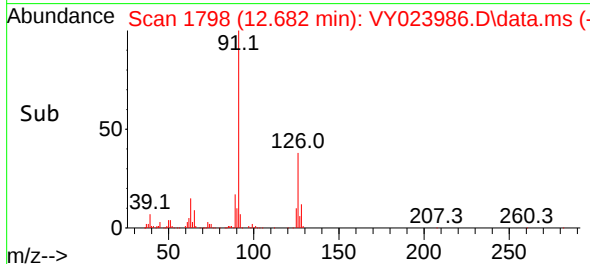
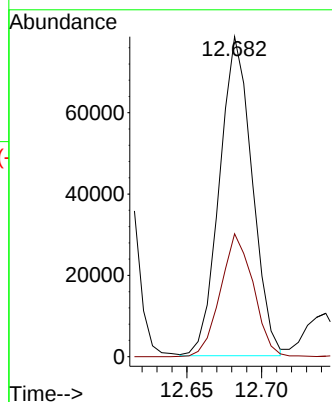
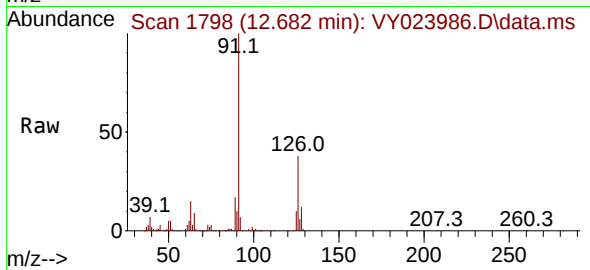
VSTDIC010

Tgt Ion: 91 Resp: 119332

Ion Ratio Lower Upper

91 100

126 38.7 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 8.968 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023986.D

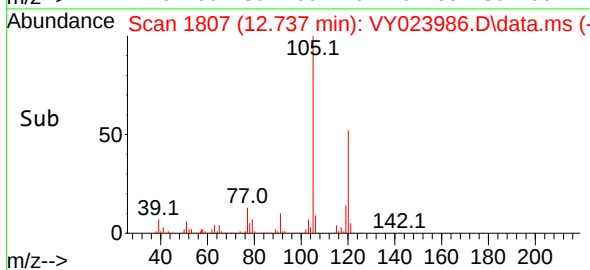
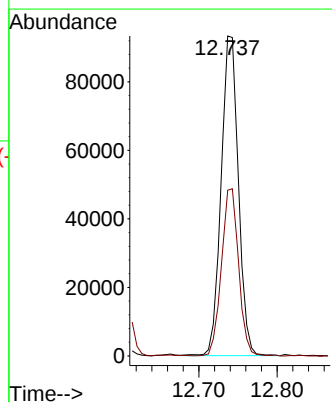
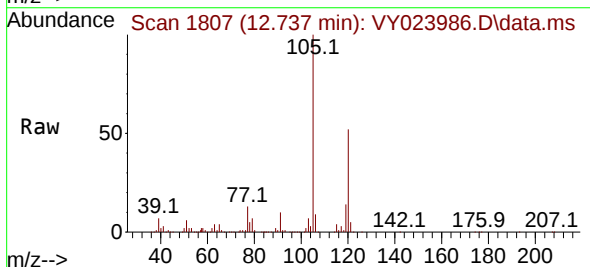
Acq: 16 Dec 2025 13:44

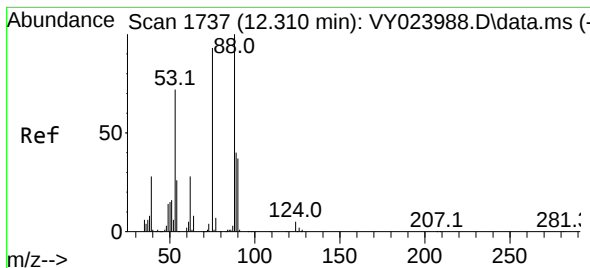
Tgt Ion: 105 Resp: 142962

Ion Ratio Lower Upper

105 100

120 52.2 25.6 76.6

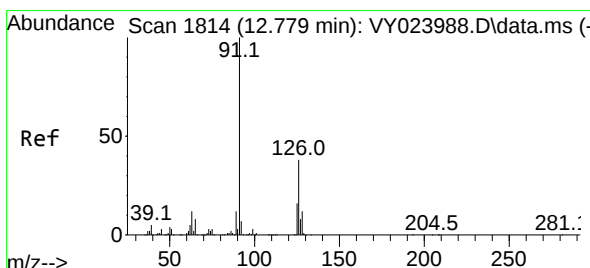
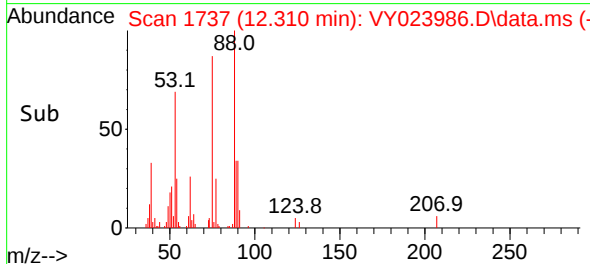
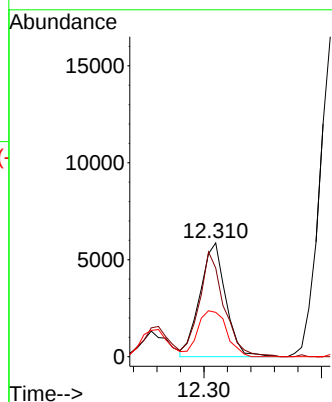
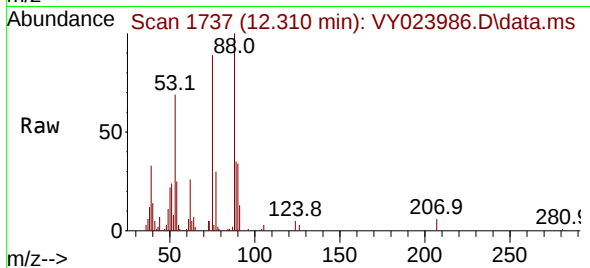




#81
trans-1,4-Dichloro-2-butene
Concen: 8.753 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

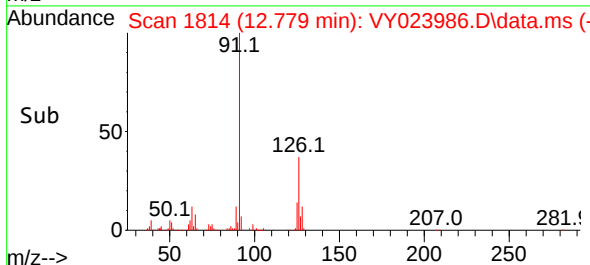
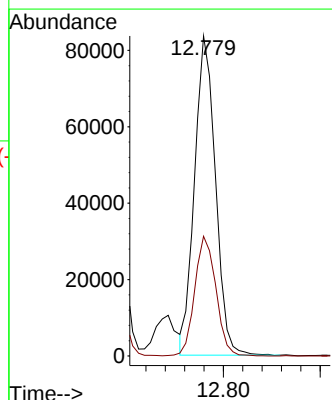
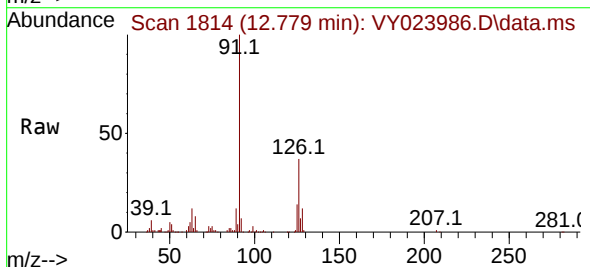
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

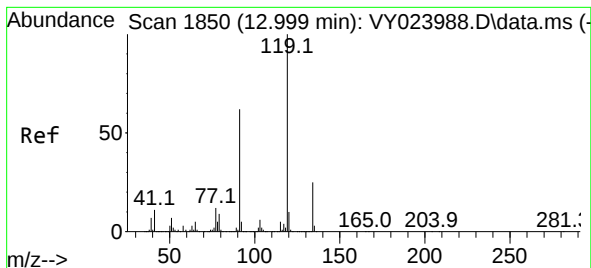
Tgt Ion: 75 Resp: 8913
Ion Ratio Lower Upper
75 100
53 88.7 69.9 104.9
89 45.6 38.6 57.8



#82
4-Chlorotoluene
Concen: 9.196 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023986.D
Acq: 16 Dec 2025 13:44

Tgt Ion: 91 Resp: 125592
Ion Ratio Lower Upper
91 100
126 38.0 18.5 55.5





#83

tert-Butylbenzene

Concen: 8.677 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

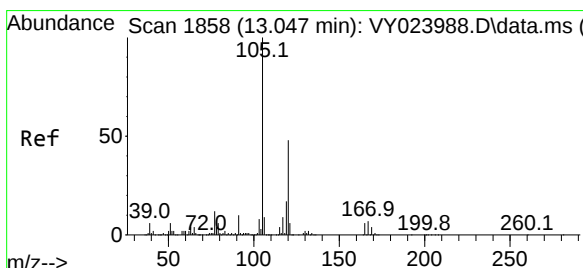
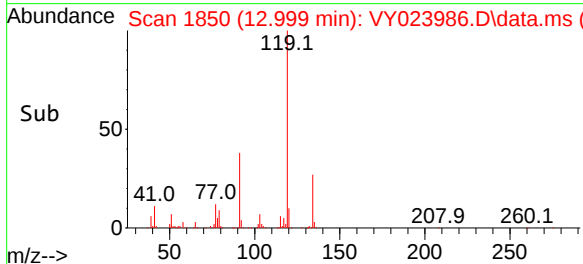
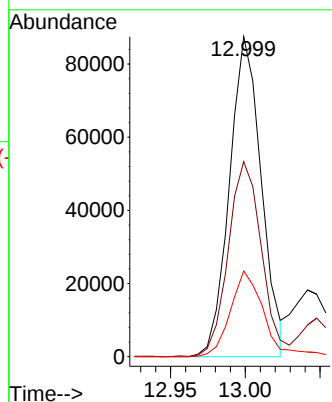
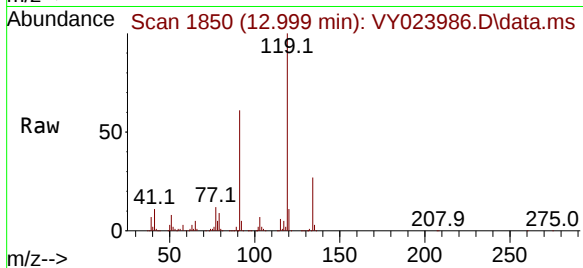
Tgt Ion:119 Resp: 129845

Ion Ratio Lower Upper

119 100

91 63.7 29.8 89.4

134 28.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 9.054 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY023986.D

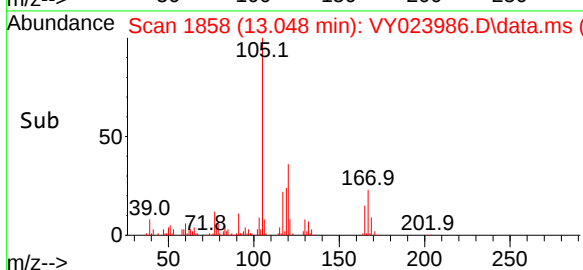
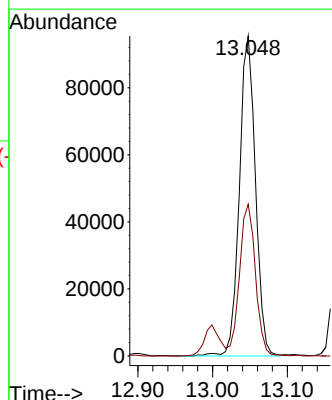
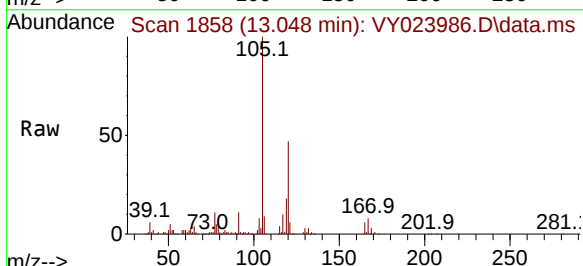
Acq: 16 Dec 2025 13:44

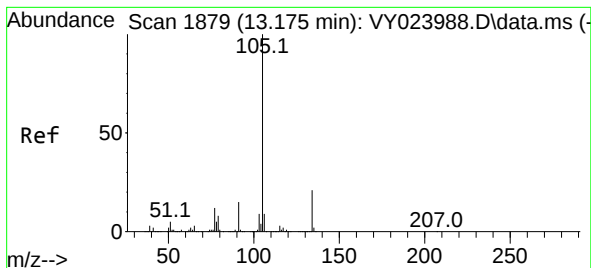
Tgt Ion:105 Resp: 142705

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 9.118 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

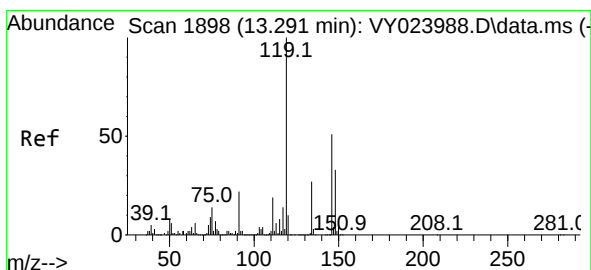
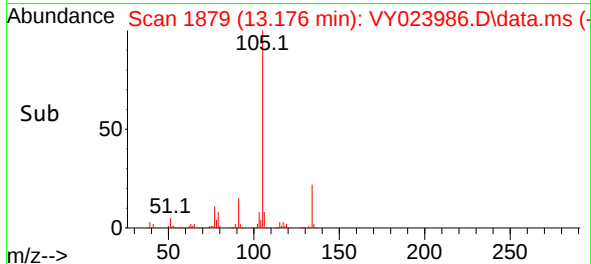
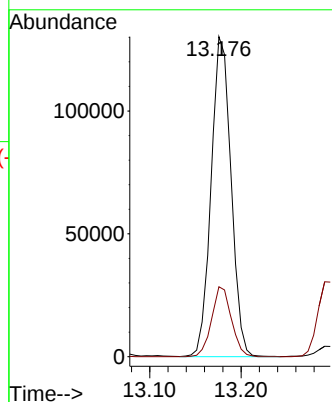
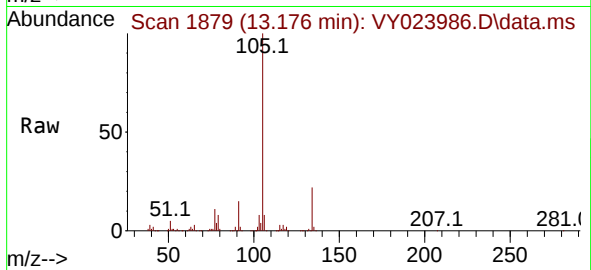
VSTDIC010

Tgt Ion:105 Resp: 196957

Ion Ratio Lower Upper

105 100

134 21.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 8.910 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

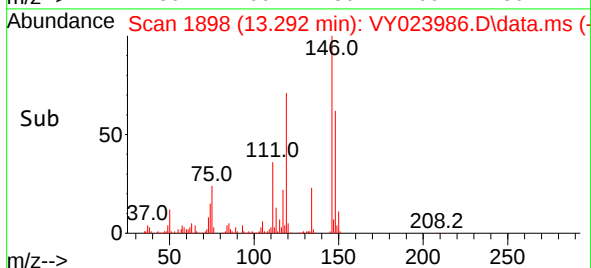
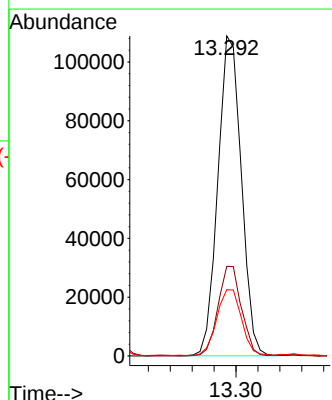
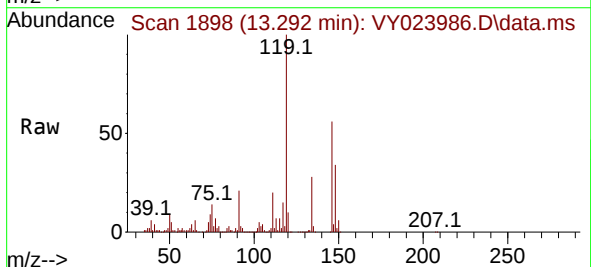
Tgt Ion:119 Resp: 161700

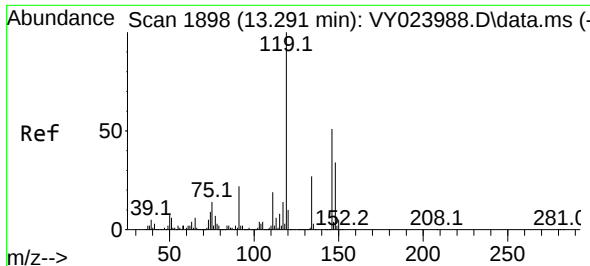
Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.0

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 9.413 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

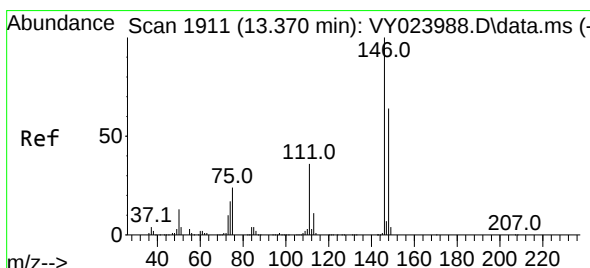
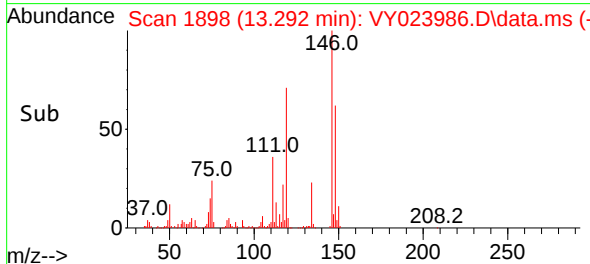
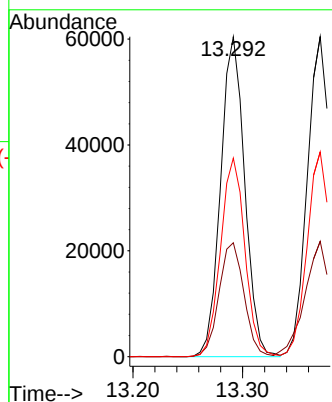
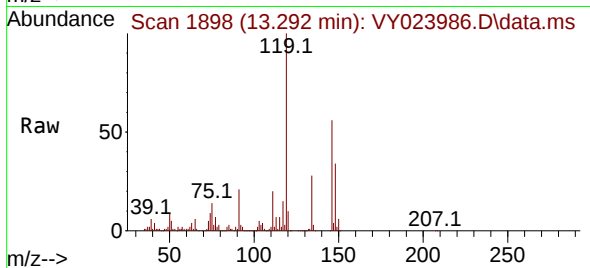
Tgt Ion:146 Resp: 92304

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 9.554 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

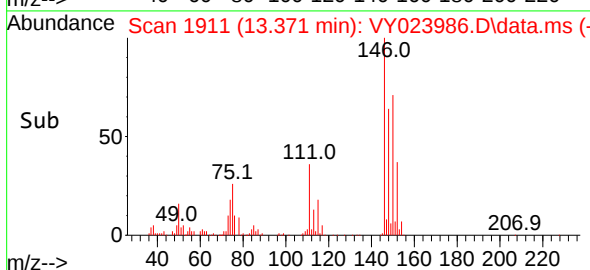
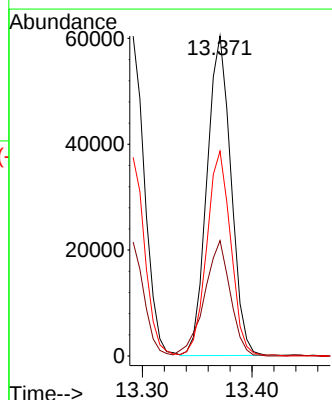
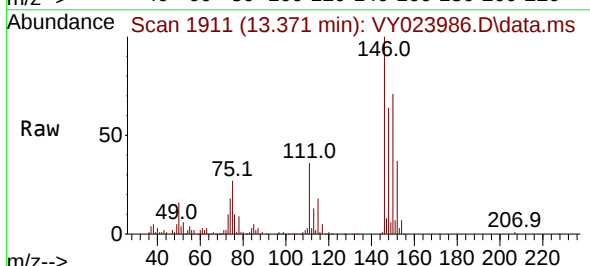
Tgt Ion:146 Resp: 91943

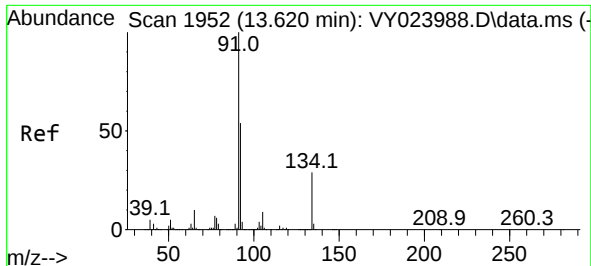
Ion Ratio Lower Upper

146 100

111 38.9 17.9 53.8

148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 8.633 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

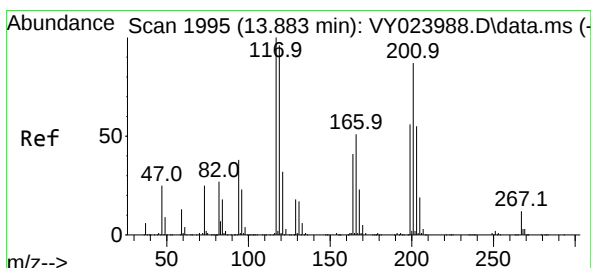
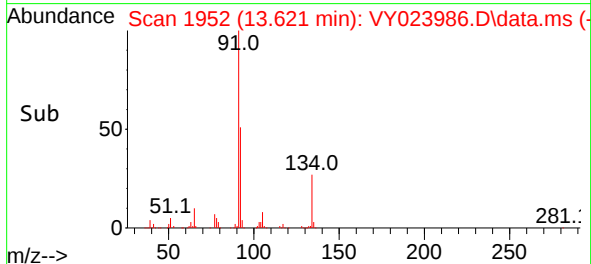
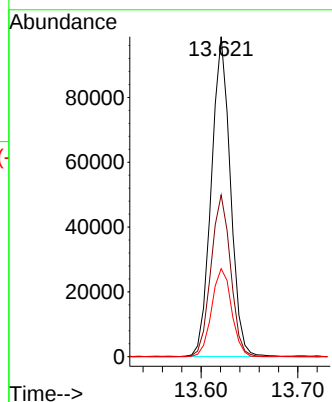
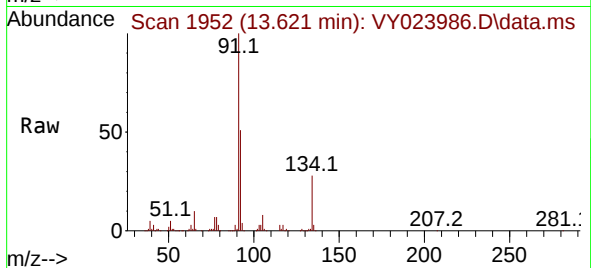
Tgt Ion: 91 Resp: 135348

Ion Ratio Lower Upper

91 100

92 52.0 26.7 80.1

134 28.6 14.2 42.6



#90

Hexachloroethane

Concen: 9.641 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023986.D

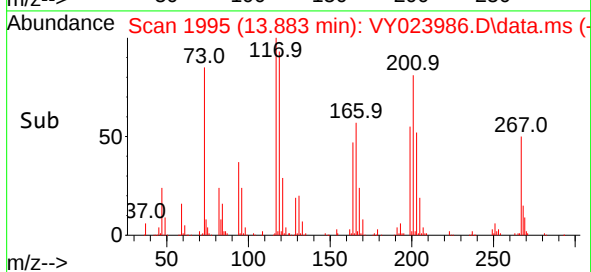
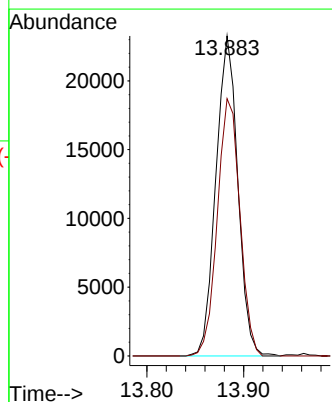
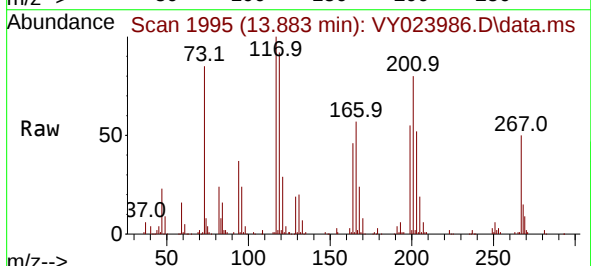
Acq: 16 Dec 2025 13:44

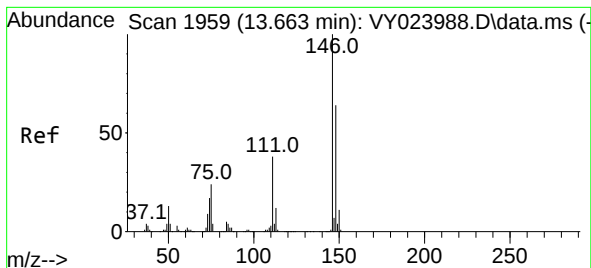
Tgt Ion: 117 Resp: 36530

Ion Ratio Lower Upper

117 100

201 82.8 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 9.590 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

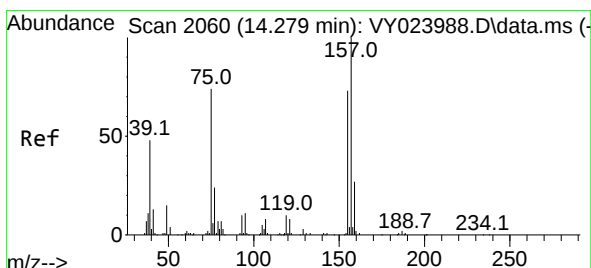
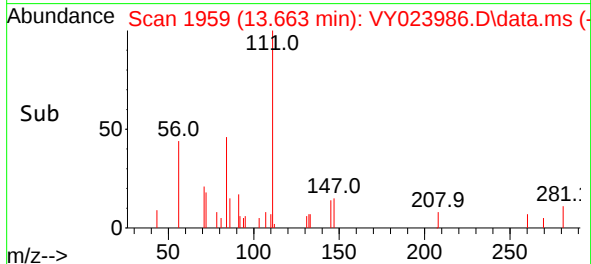
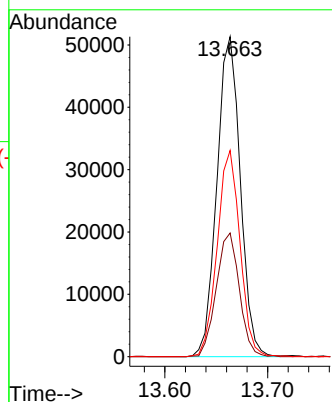
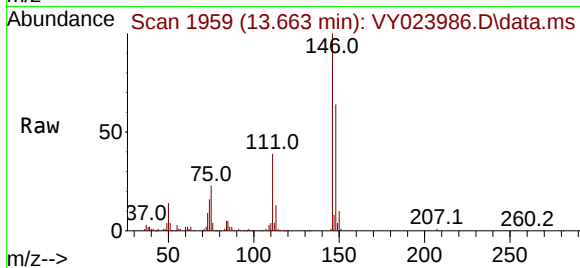
Tgt Ion:146 Resp: 81106

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.4

148 62.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.841 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

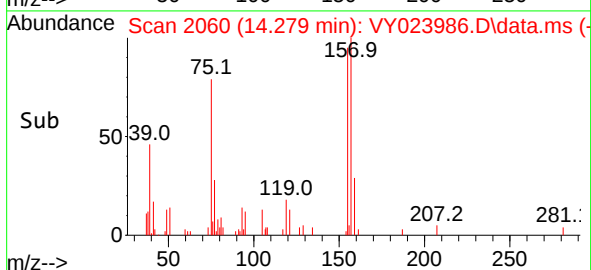
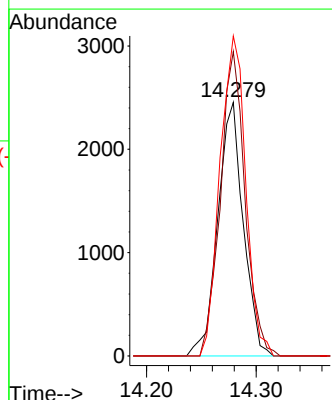
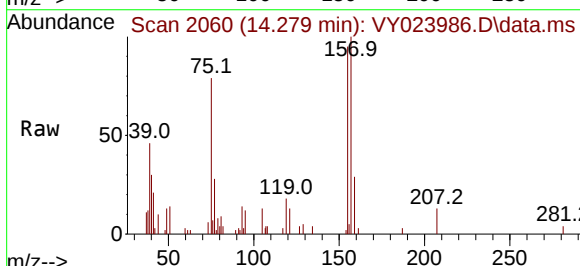
Tgt Ion: 75 Resp: 3958

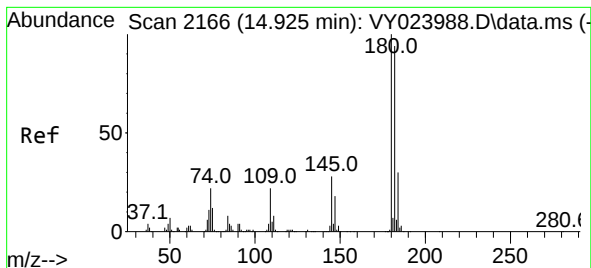
Ion Ratio Lower Upper

75 100

155 116.7 49.3 147.8

157 127.3 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 8.796 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

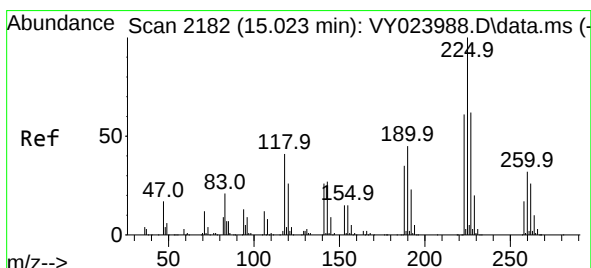
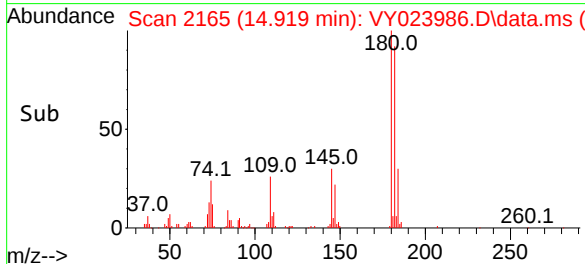
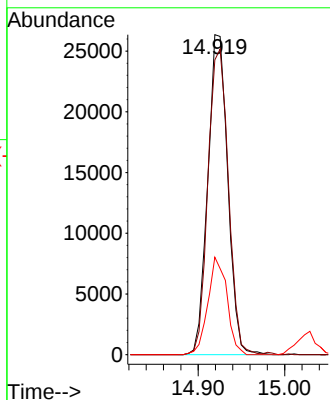
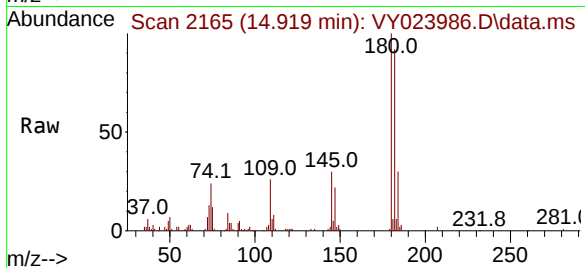
Tgt Ion:180 Resp: 42318

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.6

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 9.594 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

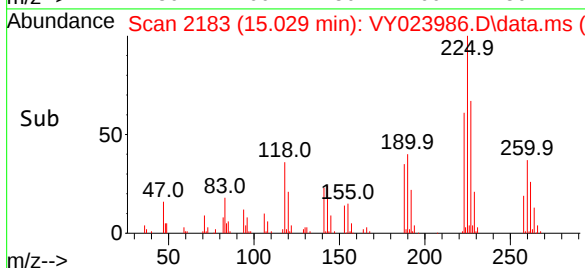
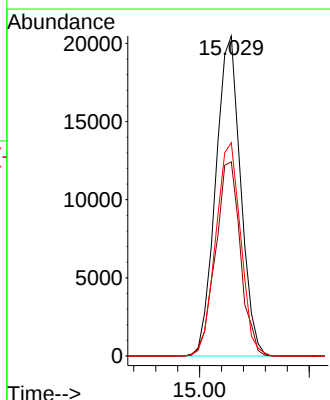
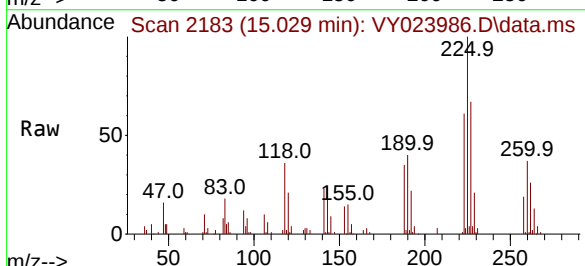
Tgt Ion:225 Resp: 32316

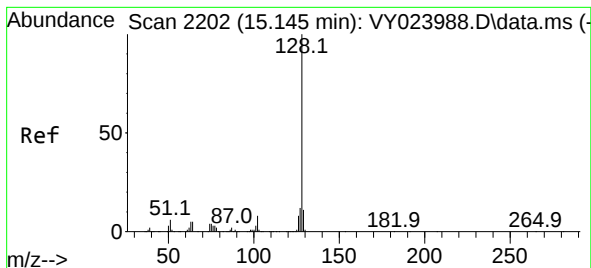
Ion Ratio Lower Upper

225 100

223 60.7 30.9 92.5

227 66.8 32.1 96.3





#95

Naphthalene

Concen: 8.379 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

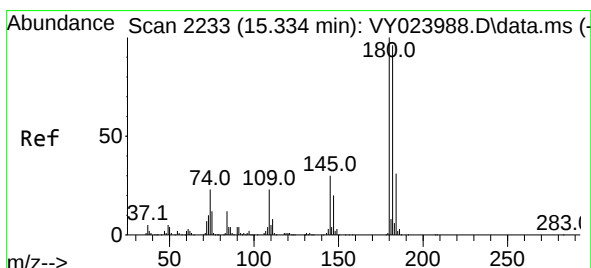
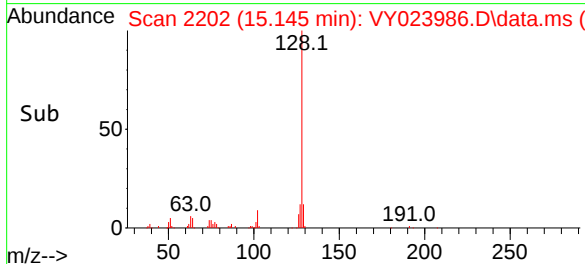
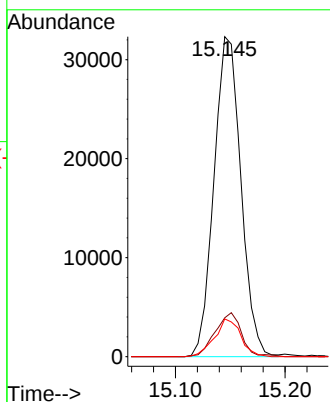
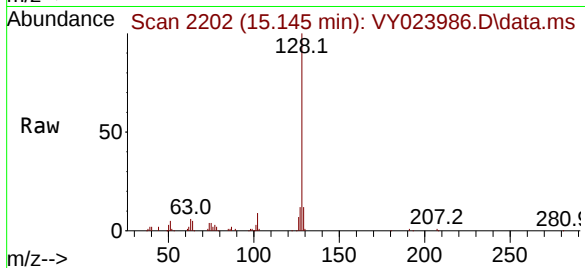
Tgt Ion:128 Resp: 55235

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 8.738 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023986.D

Acq: 16 Dec 2025 13:44

Tgt Ion:180 Resp: 35281

Ion Ratio Lower Upper

180 100

182 96.6 47.7 143.1

145 32.3 15.6 46.7

