

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023519.D
 Acq On : 20 Oct 2025 19:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 04:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	538529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	761861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	681047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	352503	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	187746	41.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.380%
35) Dibromofluoromethane	7.640	113	228543	48.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.109	98	864554	49.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.408	95	278234	48.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.680%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	159849	41.238	ug/l	99
3) Chloromethane	2.074	50	210980	39.955	ug/l	99
4) Vinyl Chloride	2.208	62	295864	43.017	ug/l	97
5) Bromomethane	2.598	94	240957	41.747	ug/l	99
6) Chloroethane	2.739	64	210246	44.845	ug/l	100
7) Trichlorofluoromethane	3.062	101	441973	46.281	ug/l	98
8) Diethyl Ether	3.458	74	99357	39.816	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	242903	49.017	ug/l	99
10) Methyl Iodide	4.013	142	292112	52.950	ug/l	99
11) Tert butyl alcohol	4.860	59	44225	132.008	ug/l	97
12) 1,1-Dichloroethene	3.793	96	231218	48.132	ug/l	97
13) Acrolein	3.659	56	30218	63.834	ug/l	100
14) Allyl chloride	4.385	41	252501	43.129	ug/l	96
15) Acrylonitrile	5.055	53	172847	180.998	ug/l	99
16) Acetone	3.866	43	145151	135.391	ug/l	95
17) Carbon Disulfide	4.110	76	620791	45.152	ug/l	100
18) Methyl Acetate	4.385	43	112686	40.069	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	458307	39.695	ug/l	97
20) Methylene Chloride	4.622	84	245008	42.263	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	253922	48.011	ug/l	98
22) Diisopropyl ether	6.025	45	561794	43.382	ug/l	98
23) Vinyl Acetate	5.964	43	1267884	180.880	ug/l	98
24) 1,1-Dichloroethane	5.921	63	404661	47.173	ug/l	99
25) 2-Butanone	6.896	43	191988	146.685	ug/l	99
26) 2,2-Dichloropropane	6.890	77	356335	45.271	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	293412	48.028	ug/l	96
28) Bromochloromethane	7.250	49	125241	39.109	ug/l	94
29) Tetrahydrofuran	7.262	42	117756	158.657	ug/l	95
30) Chloroform	7.427	83	451818	47.939	ug/l	100
31) Cyclohexane	7.707	56	327797	43.757	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	424963	49.617	ug/l	99
36) 1,1-Dichloropropene	7.841	75	311808	50.312	ug/l	99
37) Ethyl Acetate	6.982	43	85072	34.648	ug/l	99
38) Carbon Tetrachloride	7.823	117	386518	51.434	ug/l	97
39) Methylcyclohexane	9.109	83	410593	50.883	ug/l	99
40) Benzene	8.085	78	978074	49.833	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	41329	31.123	ug/l #	87
42) 1,2-Dichloroethane	8.164	62	222684	43.993	ug/l	98
43) Isopropyl Acetate	8.201	43	174821	35.708	ug/l	98
44) Trichloroethene	8.872	130	291160	50.684	ug/l	97
45) 1,2-Dichloropropane	9.140	63	212814	49.090	ug/l	99
46) Dibromomethane	9.237	93	123099	44.906	ug/l	98
47) Bromodichloromethane	9.426	83	334685	48.477	ug/l	98
48) Methyl methacrylate	9.225	41	86581	37.643	ug/l	92
49) 1,4-Dioxane	9.225	88	23273	732.255	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	451758	178.593	ug/l	98
52) Toluene	10.170	92	650663	51.058	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	265291	44.193	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	328473	46.362	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	166949	45.289	ug/l	97
56) Ethyl methacrylate	10.438	69	177834	41.822	ug/l	96
57) 1,3-Dichloropropane	10.719	76	262169	44.882	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	426994	224.160	ug/l	98
59) 2-Hexanone	10.762	43	294191	162.741	ug/l	98
60) Dibromochloromethane	10.914	129	243219	47.061	ug/l	99
61) 1,2-Dibromoethane	11.018	107	158595	45.112	ug/l	97
64) Tetrachloroethene	10.646	164	370576	52.698	ug/l	97
65) Chlorobenzene	11.444	112	716795	48.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	258610	48.993	ug/l	99
67) Ethyl Benzene	11.518	91	1207735	50.371	ug/l	99
68) m/p-Xylenes	11.627	106	982921	102.206	ug/l	99
69) o-Xylene	11.956	106	454971	50.437	ug/l	99
70) Styrene	11.969	104	756453	50.995	ug/l	99
71) Bromoform	12.133	173	142534	43.532	ug/l #	98
73) Isopropylbenzene	12.255	105	1199809	51.648	ug/l	100
74) N-amyl acetate	12.072	43	146350	35.075	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	148432	39.066	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	204987	65.912	ug/l #	100
77) Bromobenzene	12.536	156	295360	47.825	ug/l	97
78) n-propylbenzene	12.597	91	1386240	51.567	ug/l	100
79) 2-Chlorotoluene	12.682	91	780834	49.601	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	961815	51.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	48892	38.550	ug/l	98
82) 4-Chlorotoluene	12.779	91	803961	49.589	ug/l	100
83) tert-Butylbenzene	12.999	119	897624	51.789	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	949420	50.678	ug/l	100
85) sec-Butylbenzene	13.176	105	1277669	51.389	ug/l	99
86) p-Isopropyltoluene	13.292	119	1084870	51.249	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	574123	47.739	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	550949	46.385	ug/l	99
89) n-Butylbenzene	13.615	91	921538	49.961	ug/l	100
90) Hexachloroethane	13.877	117	228363	50.156	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	487474	46.234	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23265	37.318	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	288261	43.854	ug/l	98
94) Hexachlorobutadiene	15.023	225	185051	45.162	ug/l	99
95) Naphthalene	15.145	128	420290	40.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	241365	42.393	ug/l	99

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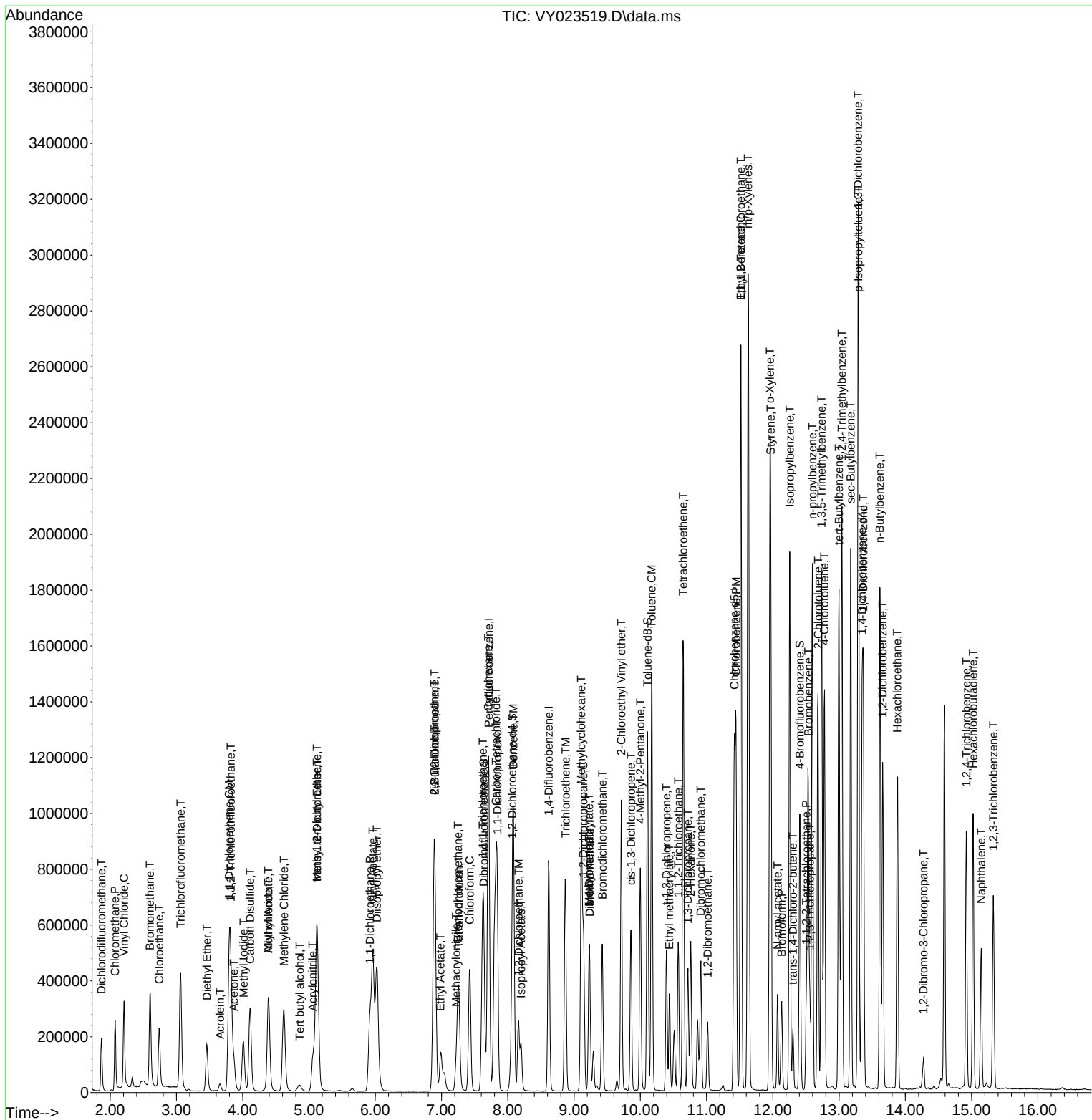
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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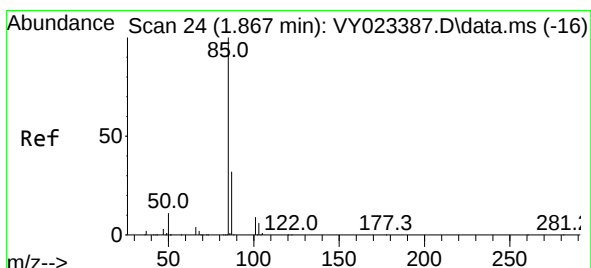
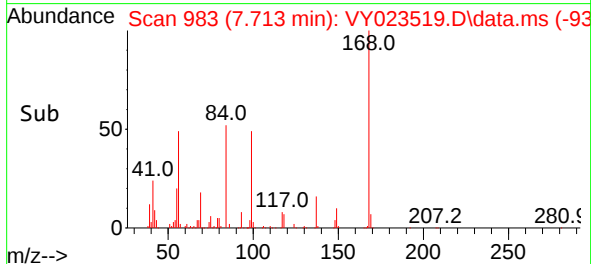
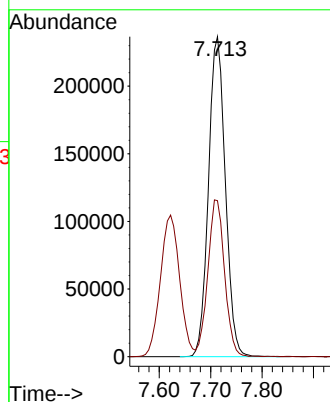
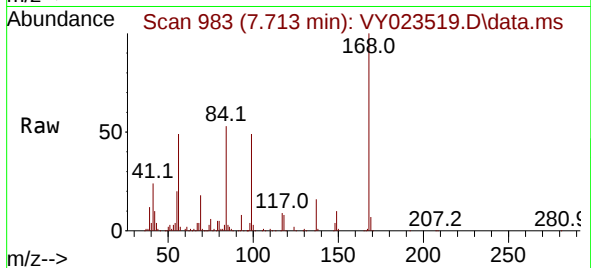




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023519.D
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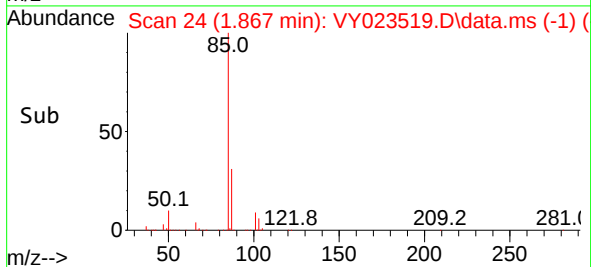
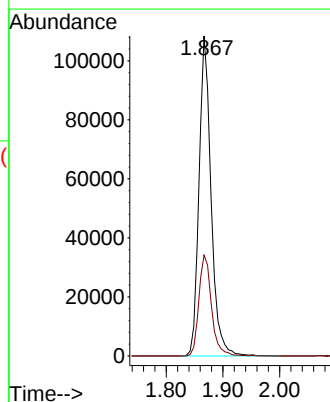
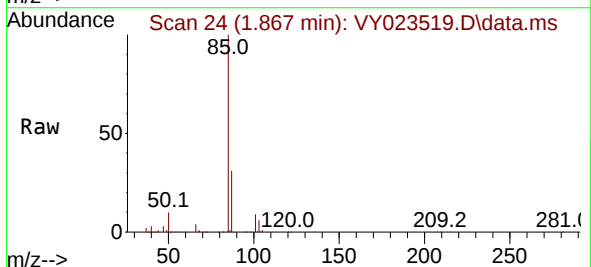
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 538529
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 41.238 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 85 Resp: 159849
Ion Ratio Lower Upper
85 100
87 31.5 16.0 47.9

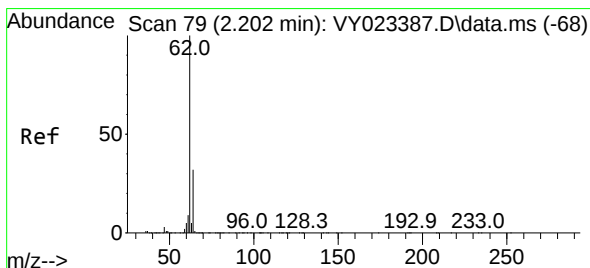
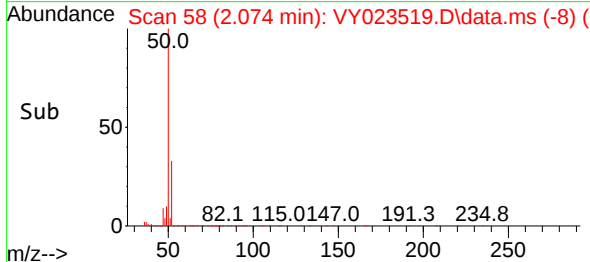
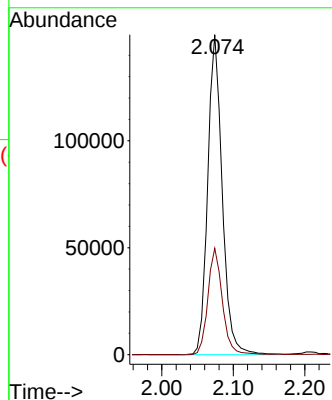
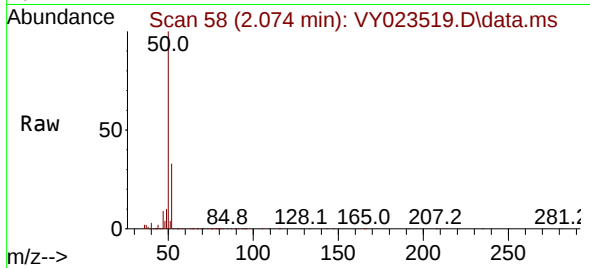




#3
Chloromethane
Concen: 39.955 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

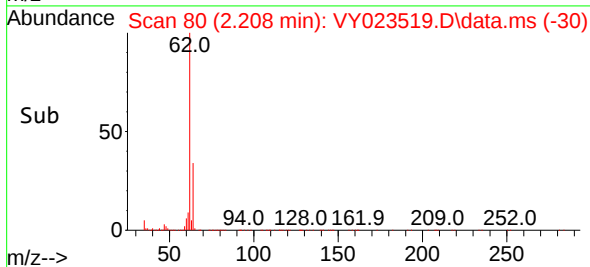
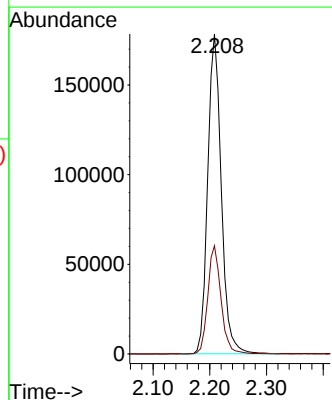
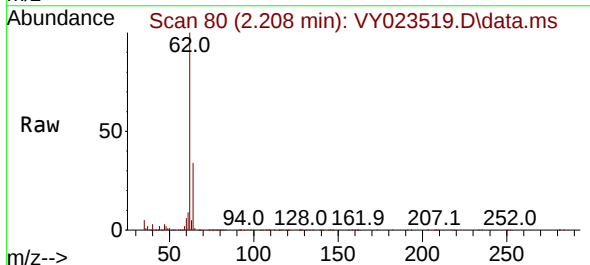
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ClientSampleId :

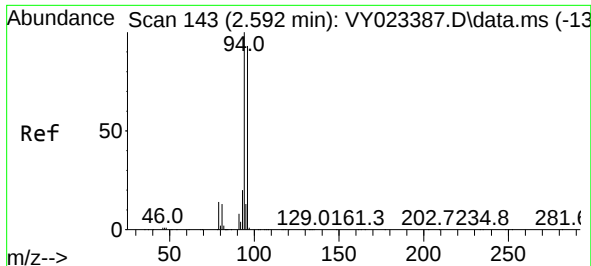
Tgt Ion: 50 Resp: 210980
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 43.017 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 62 Resp: 295864
Ion Ratio Lower Upper
62 100
64 33.8 25.8 38.8

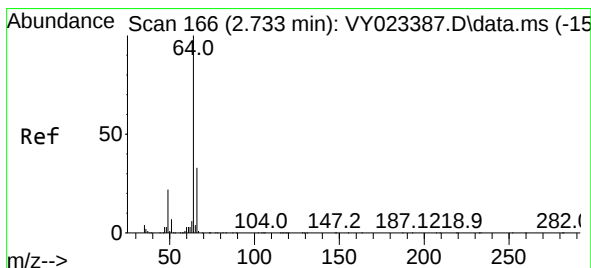
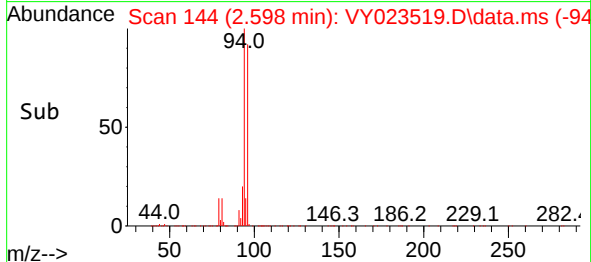
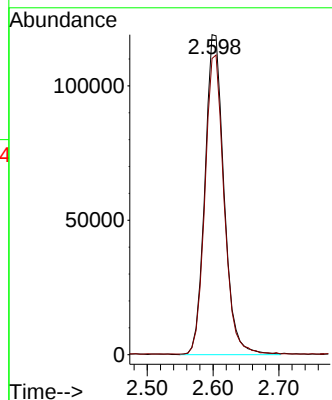
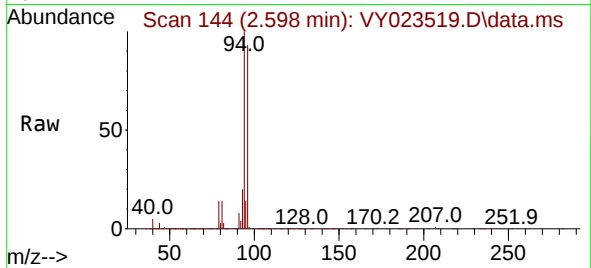




#5
Bromomethane
Concen: 41.747 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

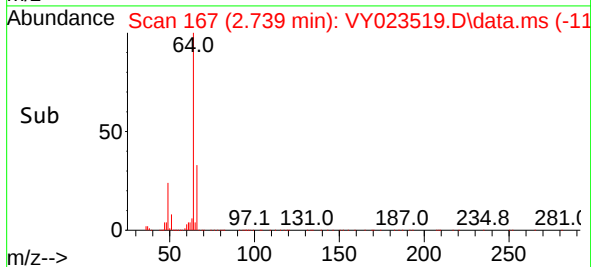
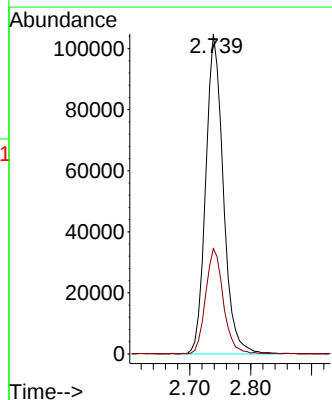
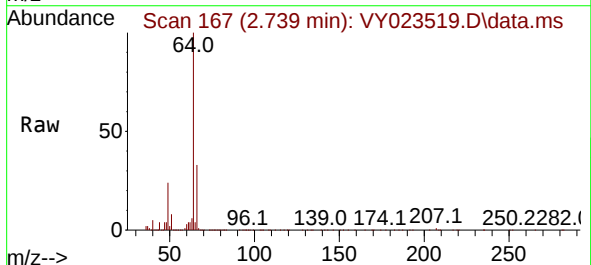
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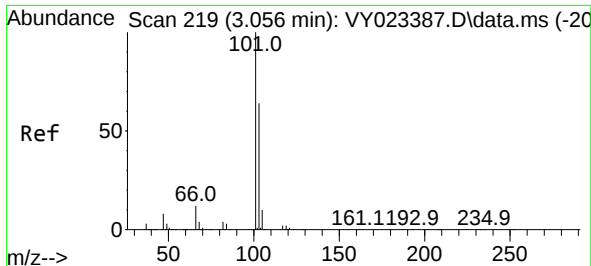
Tgt Ion: 94 Resp: 240957
Ion Ratio Lower Upper
94 100
96 92.3 74.5 111.7



#6
Chloroethane
Concen: 44.845 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 64 Resp: 210246
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

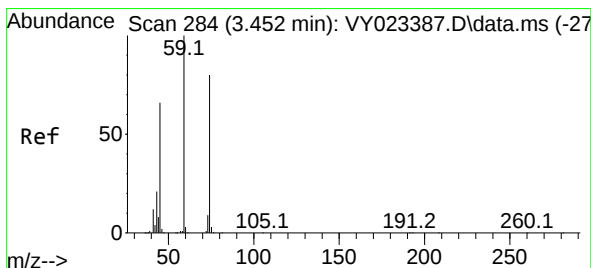
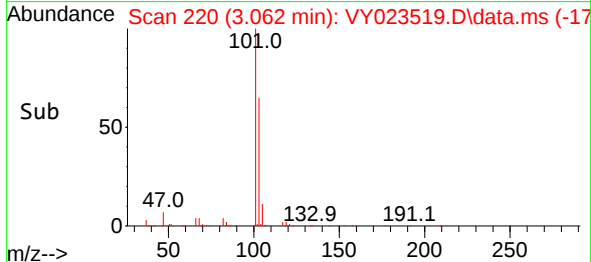
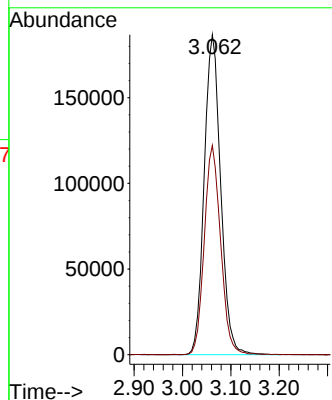
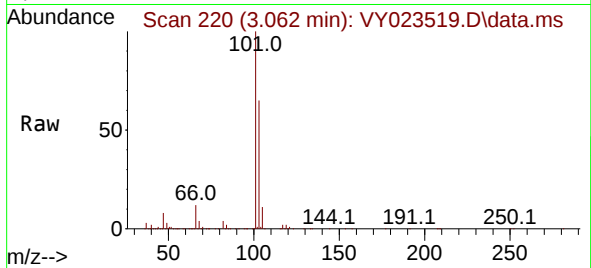




#7
 Trichlorofluoromethane
 Concen: 46.281 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

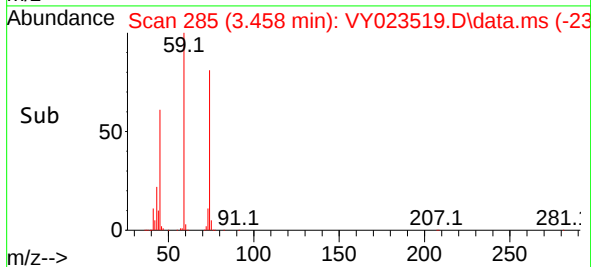
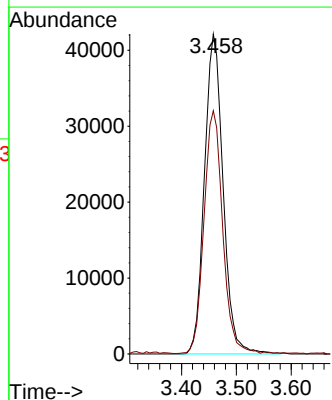
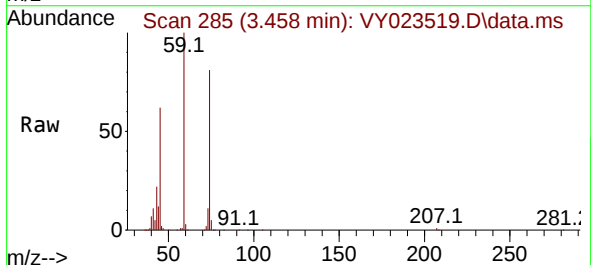
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 441973
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9



#8
 Diethyl Ether
 Concen: 39.816 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

Tgt Ion: 74 Resp: 99357
 Ion Ratio Lower Upper
 74 100
 45 76.0 39.9 119.7

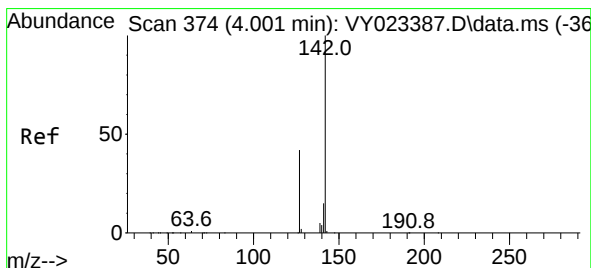
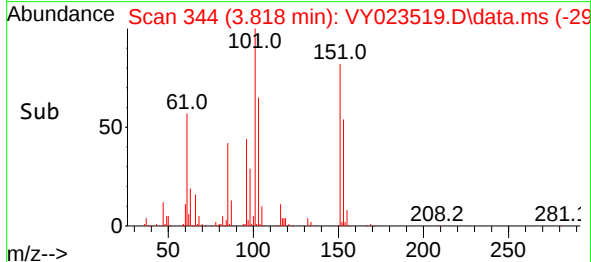
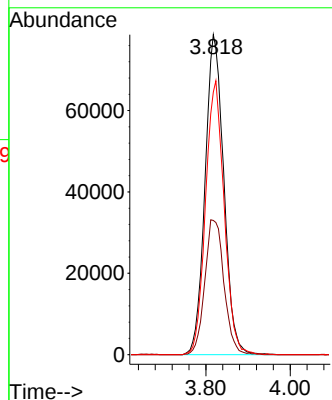
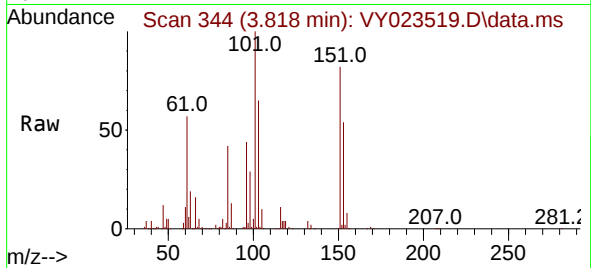




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.017 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023519.D
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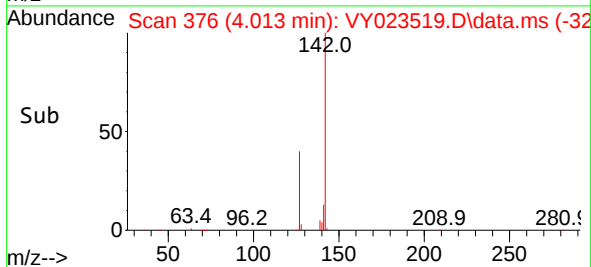
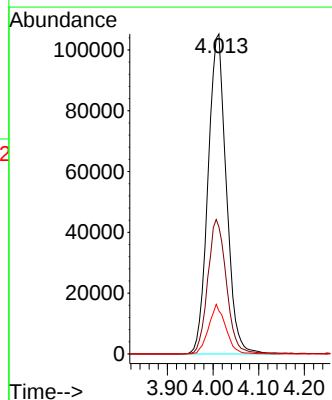
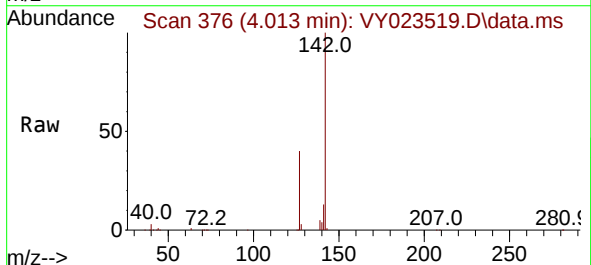
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ClientSampleId :

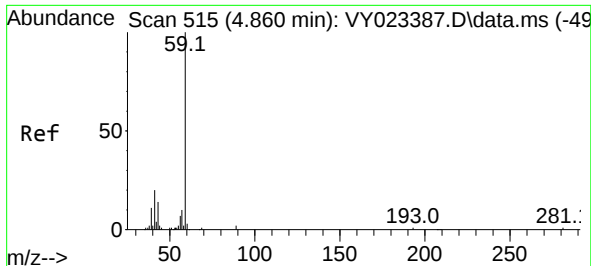
Tgt Ion:101 Resp: 242903
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 85.3 67.0 100.6



#10
Methyl Iodide
Concen: 52.950 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion:142 Resp: 292112
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 132.008 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

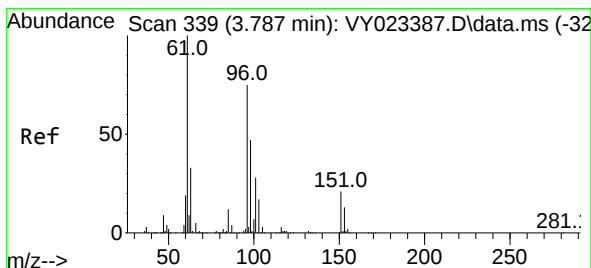
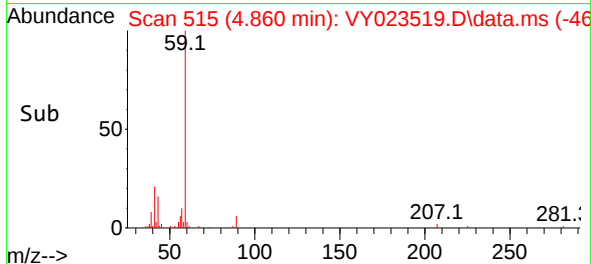
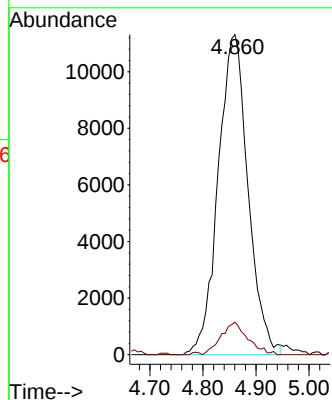
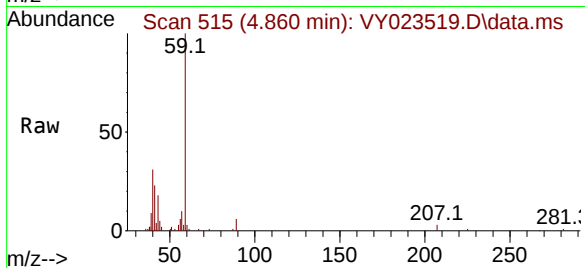
ClientSampleId :

Tgt Ion: 59 Resp: 44225

Ion Ratio Lower Upper

59 100

57 9.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.132 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

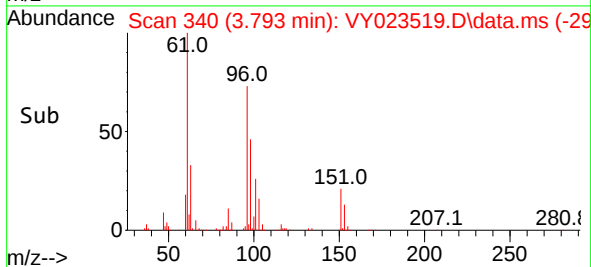
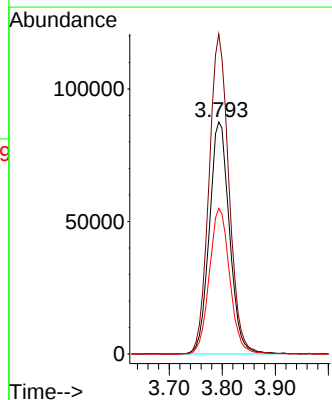
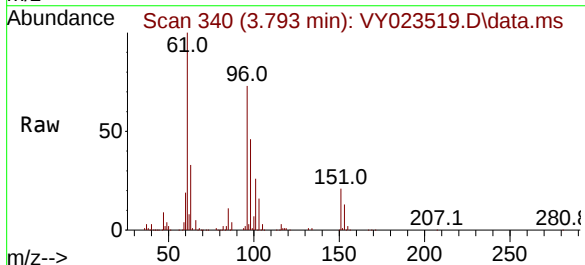
Tgt Ion: 96 Resp: 231218

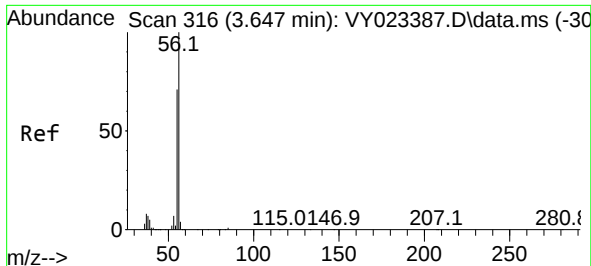
Ion Ratio Lower Upper

96 100

61 137.9 106.7 160.1

98 62.8 50.2 75.4

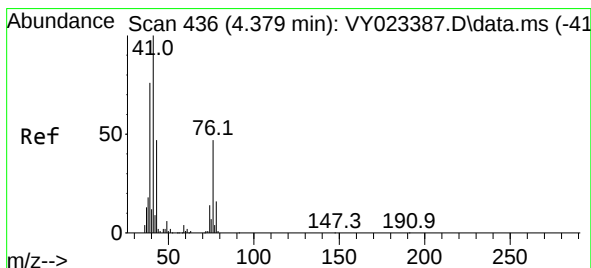
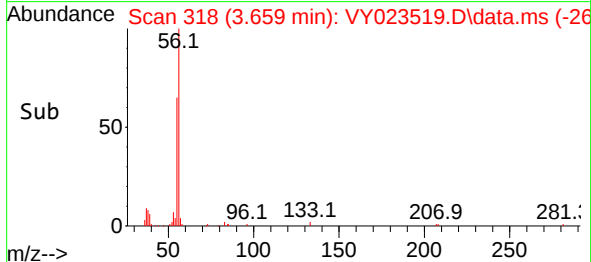
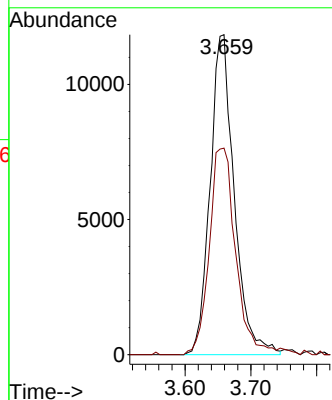
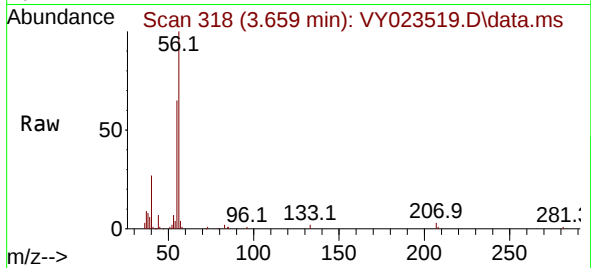




#13
Acrolein
Concen: 63.834 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

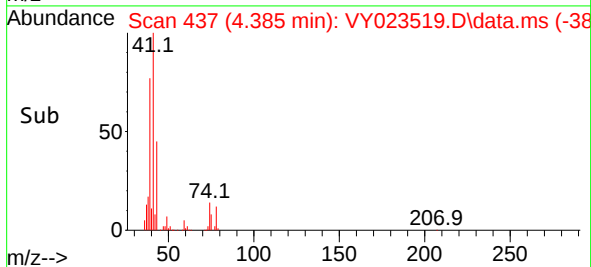
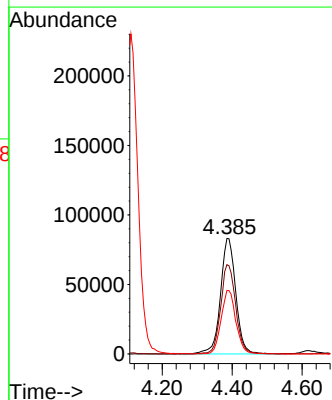
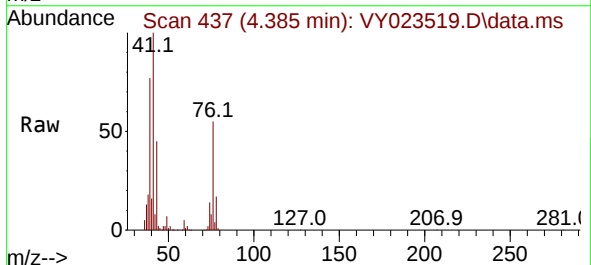
Instrument :
MSVOA_Y
ClientSampleId :

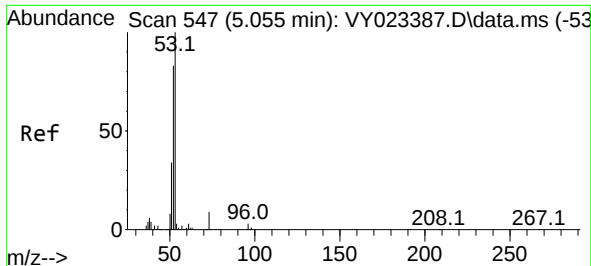
Tgt Ion: 56 Resp: 30218
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Allyl chloride
Concen: 43.129 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 41 Resp: 252501
Ion Ratio Lower Upper
41 100
39 76.1 59.9 89.9
76 52.9 38.0 57.0

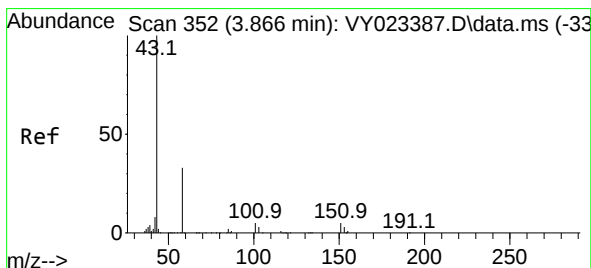
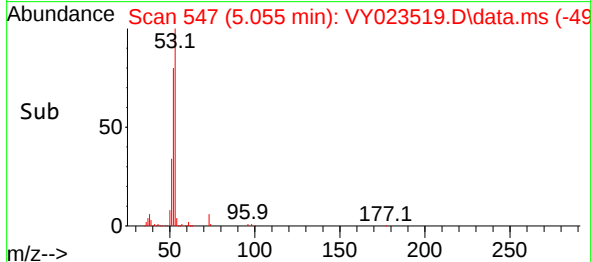
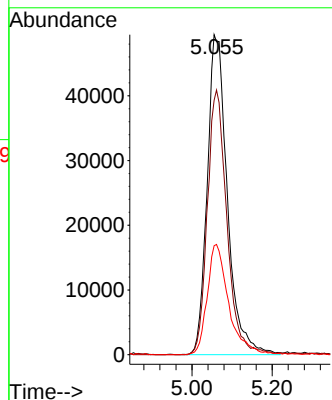
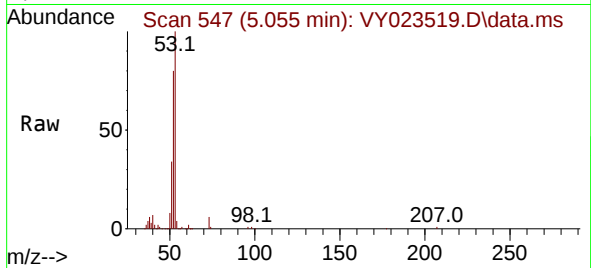




#15
Acrylonitrile
Concen: 180.998 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

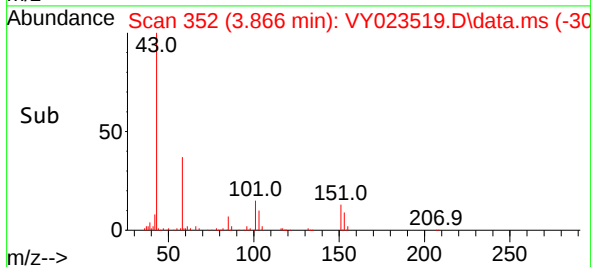
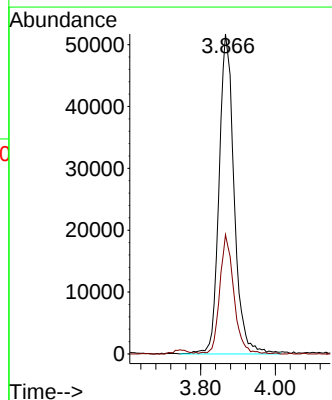
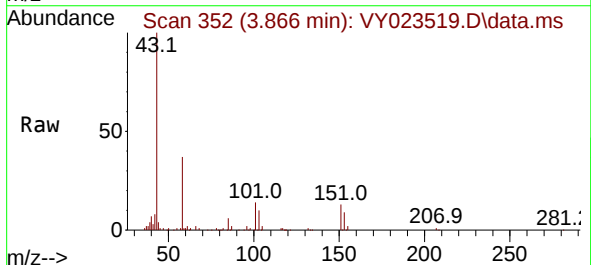
Instrument :
MSVOA_Y
ClientSampleId :

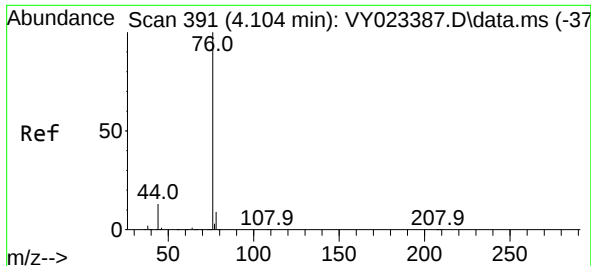
Tgt Ion: 53 Resp: 172847
Ion Ratio Lower Upper
53 100
52 80.2 64.6 97.0
51 36.8 29.5 44.3



#16
Acetone
Concen: 135.391 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 43 Resp: 145151
Ion Ratio Lower Upper
43 100
58 37.2 27.7 41.5

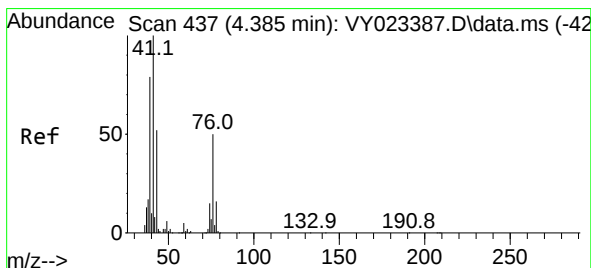
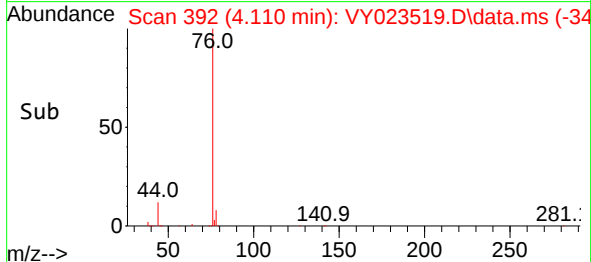
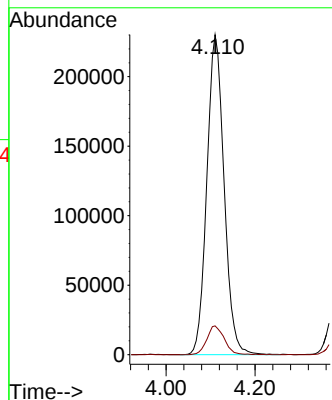
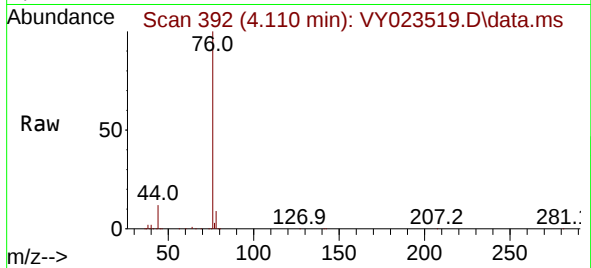




#17
Carbon Disulfide
Concen: 45.152 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

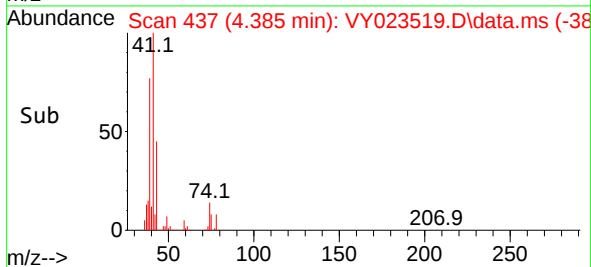
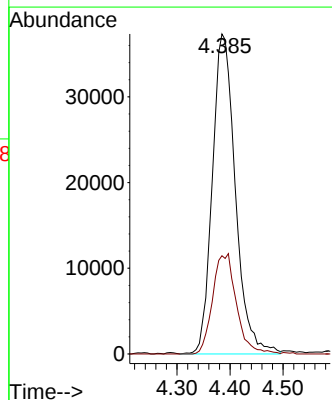
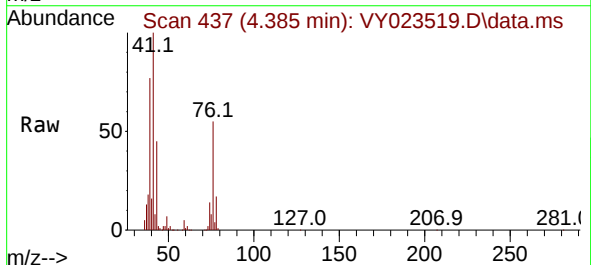
Instrument :
MSVOA_Y
ClientSampleId :

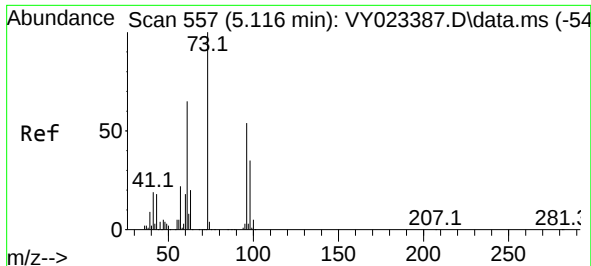
Tgt Ion: 76 Resp: 620791
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 40.069 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 43 Resp: 112686
Ion Ratio Lower Upper
43 100
74 32.2 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 39.695 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

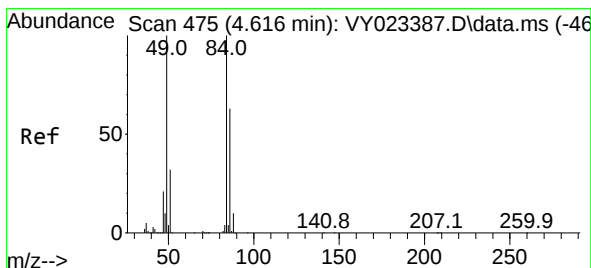
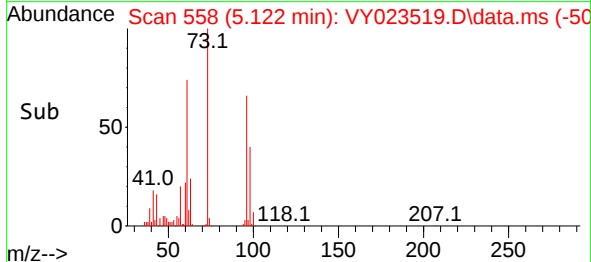
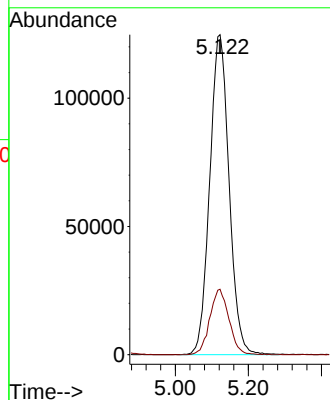
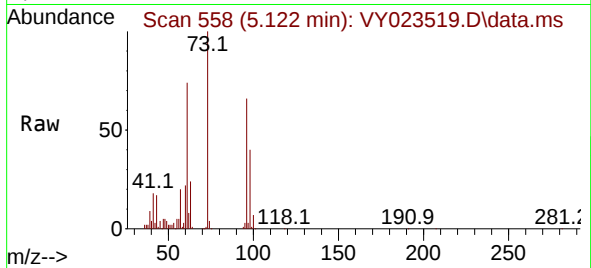
ClientSampleId :

Tgt Ion: 73 Resp: 458307

Ion Ratio Lower Upper

73 100

57 20.5 17.4 26.0



#20

Methylene Chloride

Concen: 42.263 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion: 84 Resp: 245008

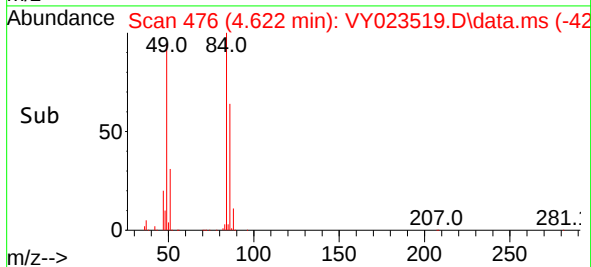
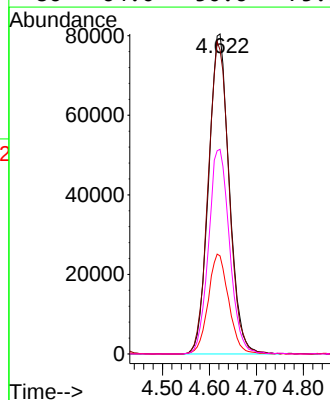
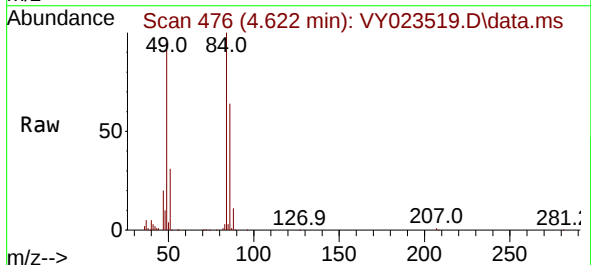
Ion Ratio Lower Upper

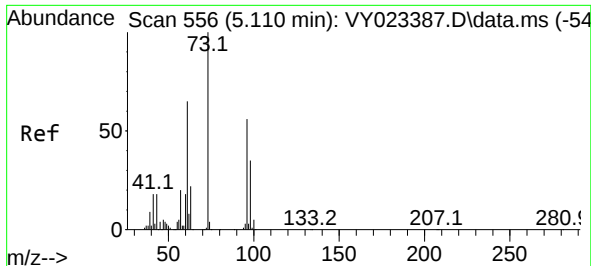
84 100

49 95.0 80.2 120.4

51 30.7 25.9 38.9

86 64.0 50.6 75.8

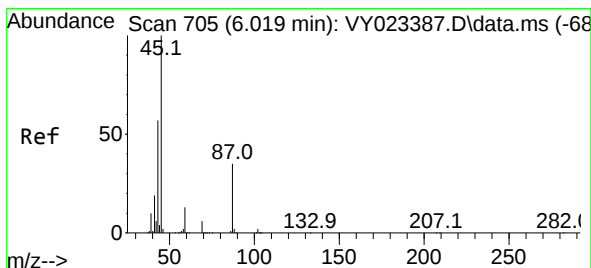
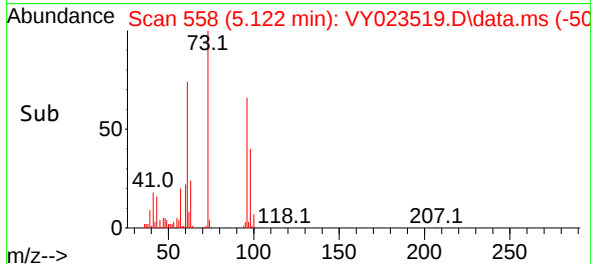
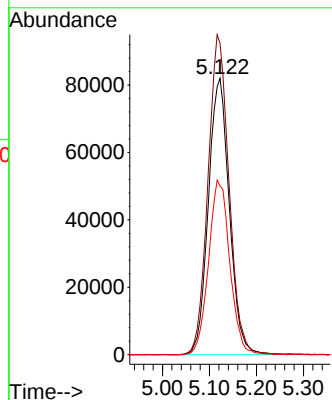
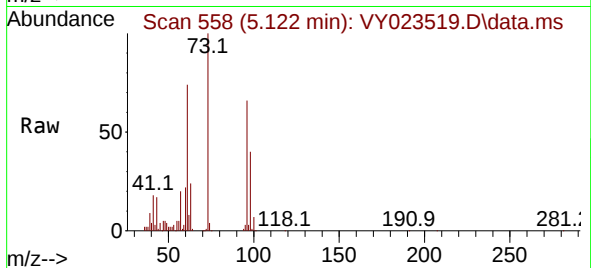




#21
trans-1,2-Dichloroethene
Concen: 48.011 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

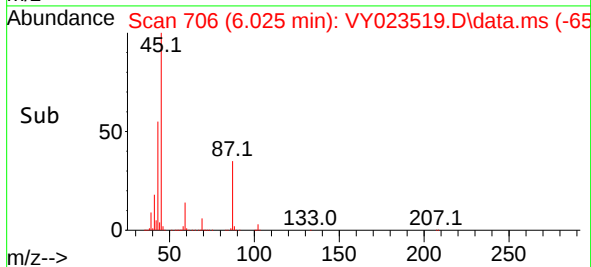
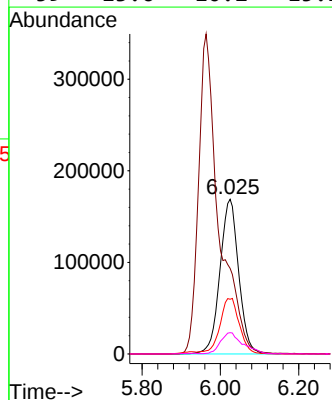
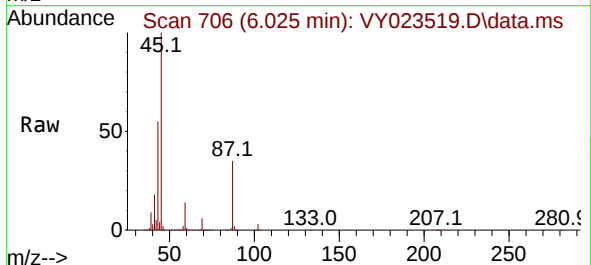
Instrument :
MSVOA_Y
ClientSampleId :

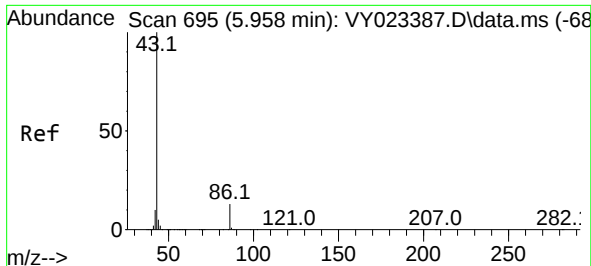
Tgt Ion: 96 Resp: 253922
Ion Ratio Lower Upper
96 100
61 112.5 92.7 139.1
98 61.1 49.7 74.5



#22
Diisopropyl ether
Concen: 43.382 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 45 Resp: 561794
Ion Ratio Lower Upper
45 100
43 55.1 45.6 68.4
87 35.3 28.1 42.1
59 13.6 10.2 15.2

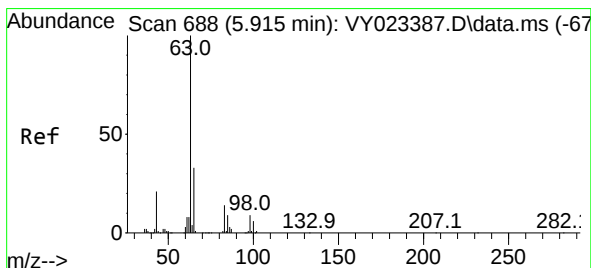
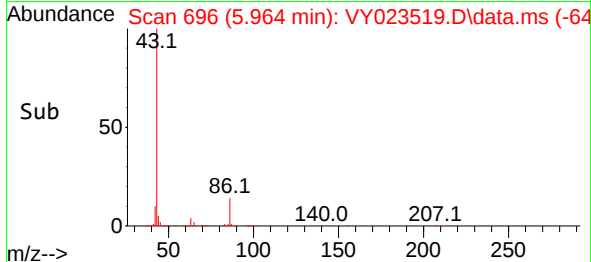
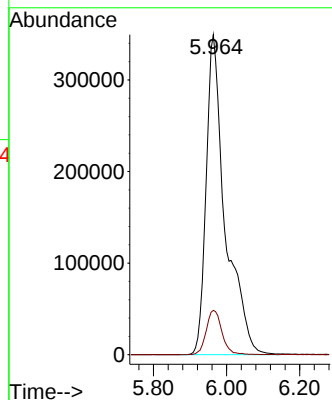
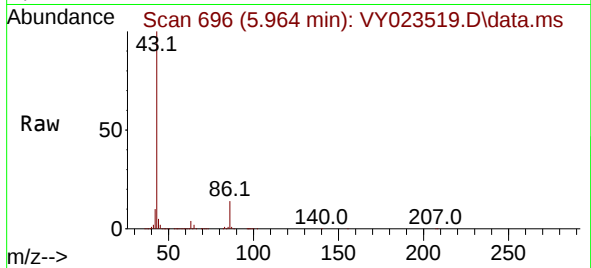




#23
 Vinyl Acetate
 Concen: 180.880 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

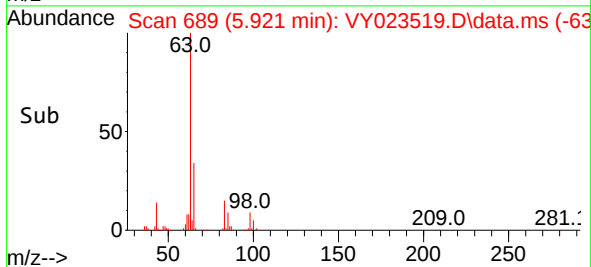
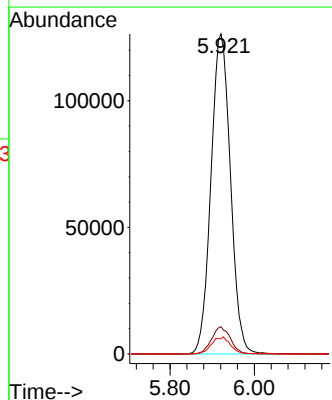
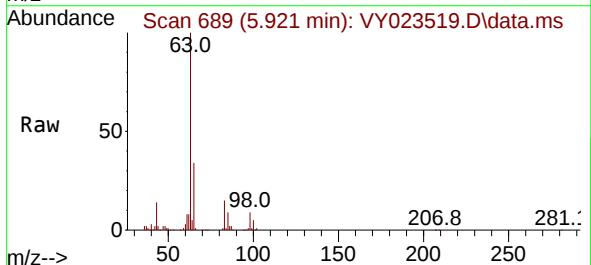
Instrument :
 MSVOA_Y
 ClientSampleId :

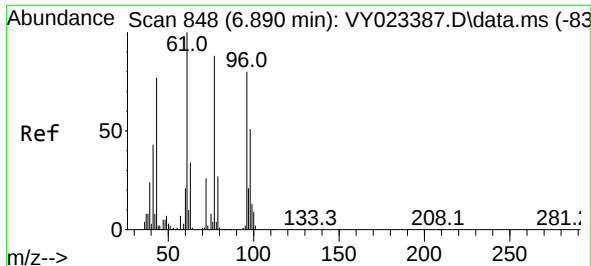
Tgt Ion: 43 Resp: 1267884
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 47.173 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

Tgt Ion: 63 Resp: 404661
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 4.8 2.8 8.4

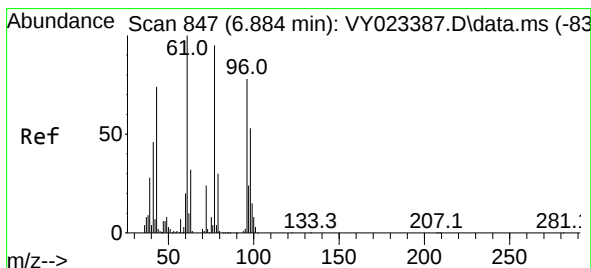
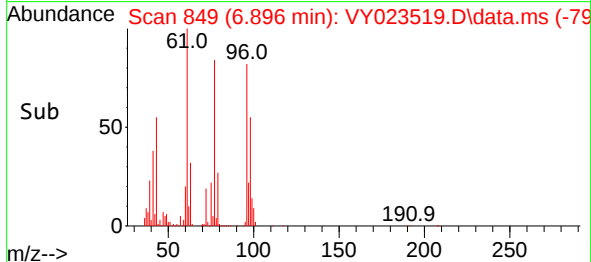
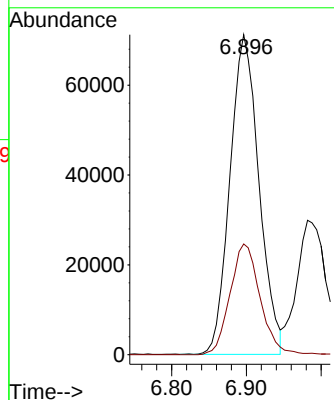
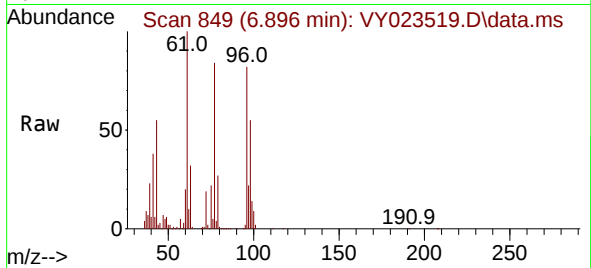




#25
2-Butanone
Concen: 146.685 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

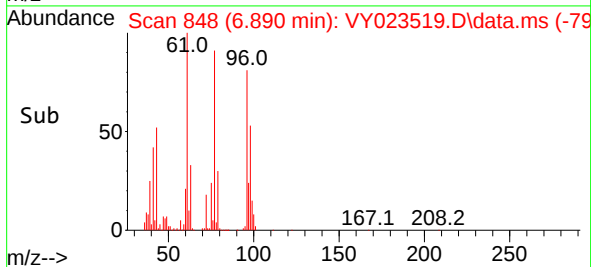
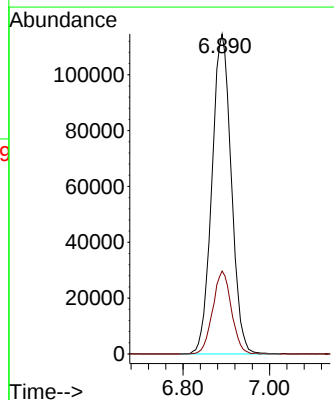
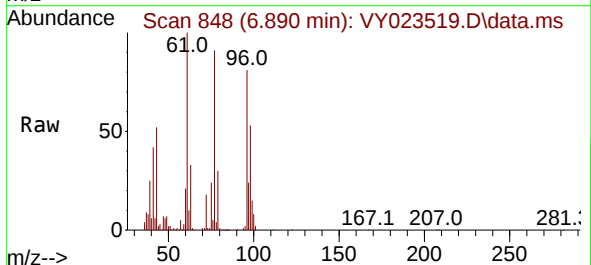
Instrument :
MSVOA_Y
ClientSampleId :

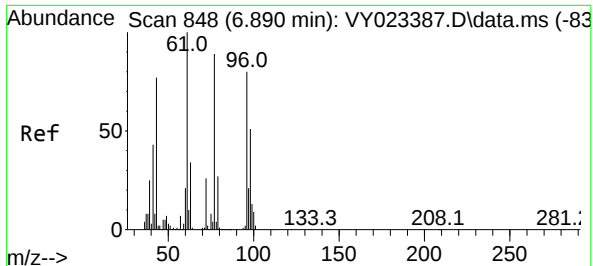
Tgt Ion: 43 Resp: 191988
Ion Ratio Lower Upper
43 100
72 34.6 27.4 41.2



#26
2,2-Dichloropropane
Concen: 45.271 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 77 Resp: 356335
Ion Ratio Lower Upper
77 100
97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.028 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

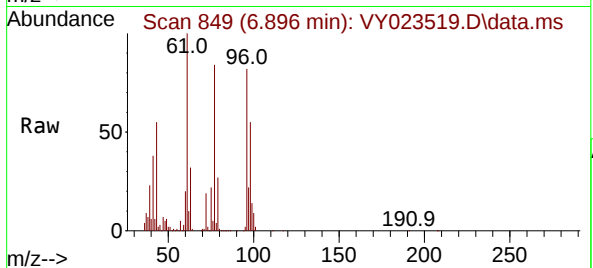
Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :



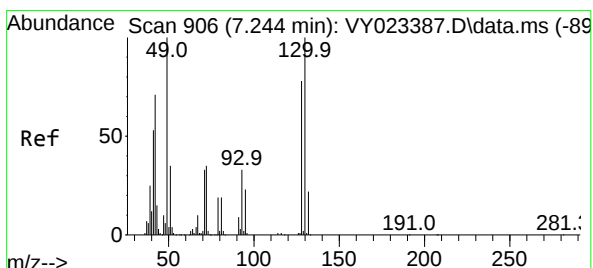
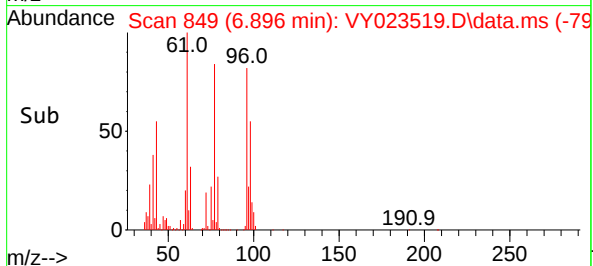
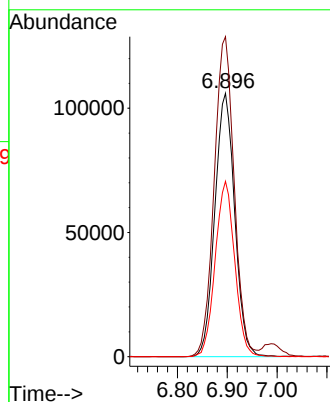
Tgt Ion: 96 Resp: 293412

Ion Ratio Lower Upper

96 100

61 122.7 0.0 258.2

98 65.4 0.0 132.0



#28

Bromochloromethane

Concen: 39.109 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

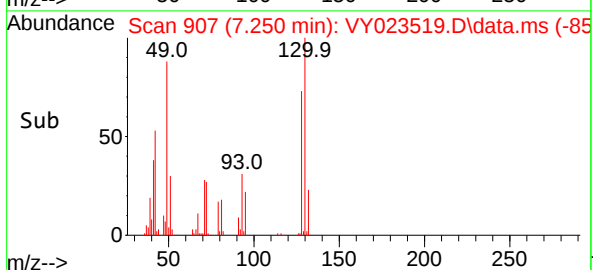
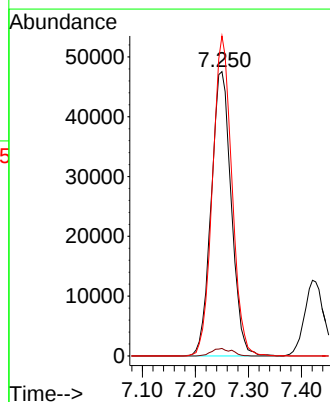
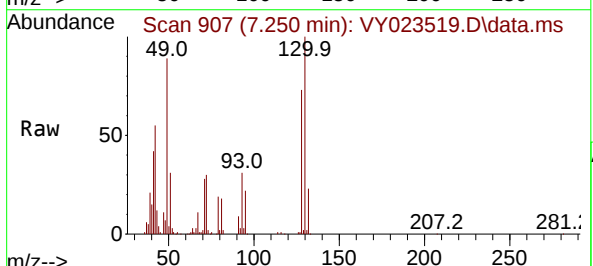
Tgt Ion: 49 Resp: 125241

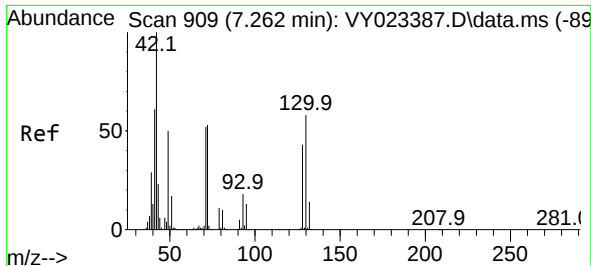
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 108.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 158.657 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

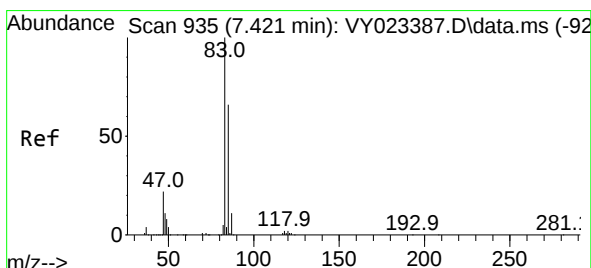
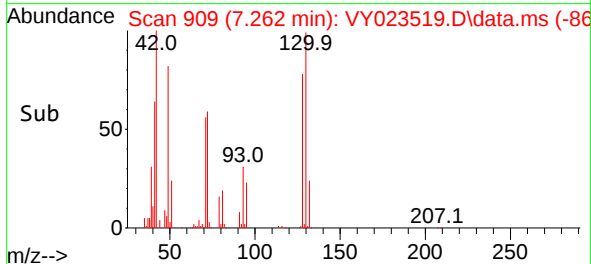
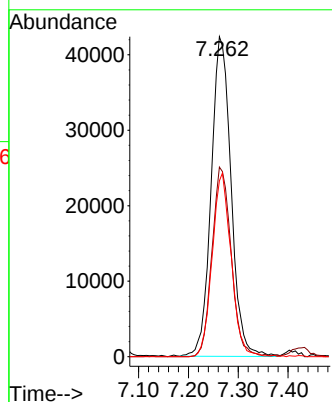
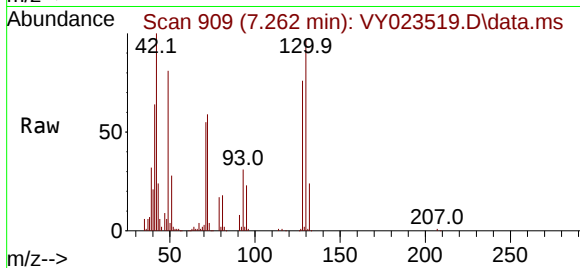
Tgt Ion: 42 Resp: 117756

Ion Ratio Lower Upper

42 100

72 57.2 43.0 64.6

71 54.4 40.1 60.1



#30

Chloroform

Concen: 47.939 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023519.D

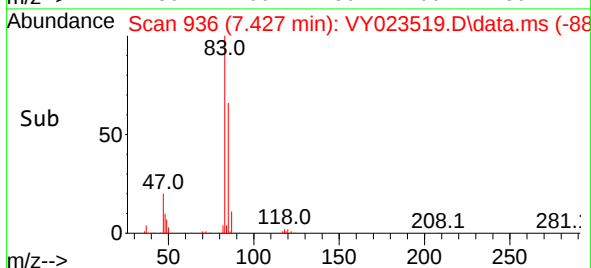
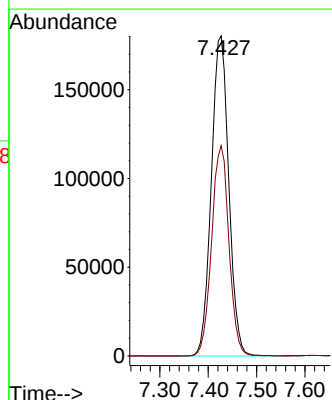
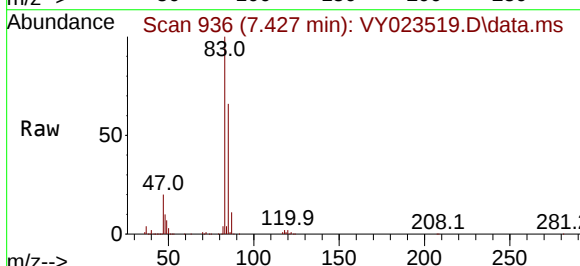
Acq: 20 Oct 2025 19:28

Tgt Ion: 83 Resp: 451818

Ion Ratio Lower Upper

83 100

85 65.7 52.5 78.7

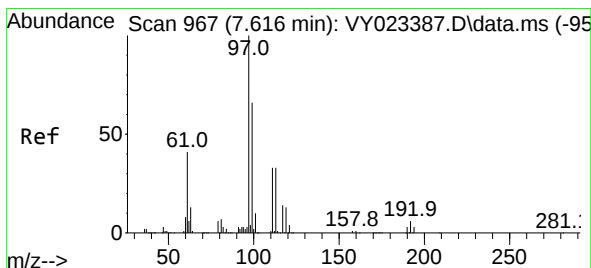
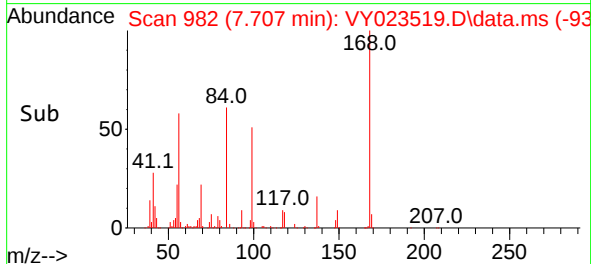
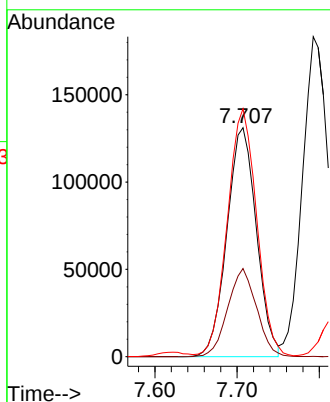
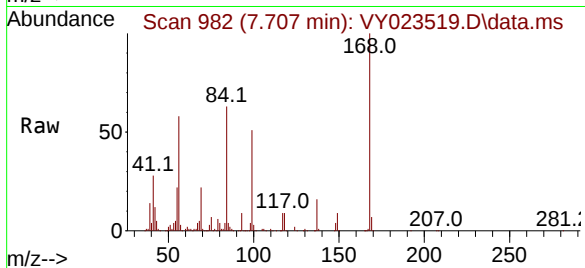




#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

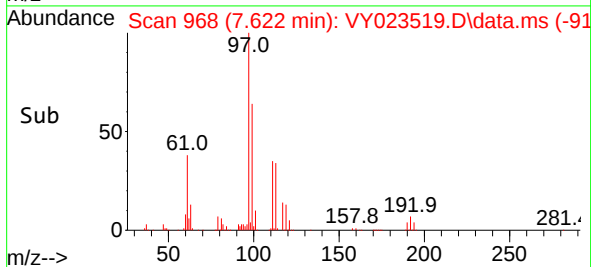
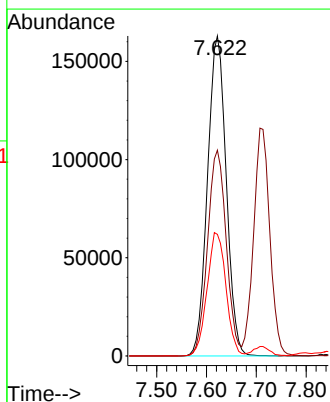
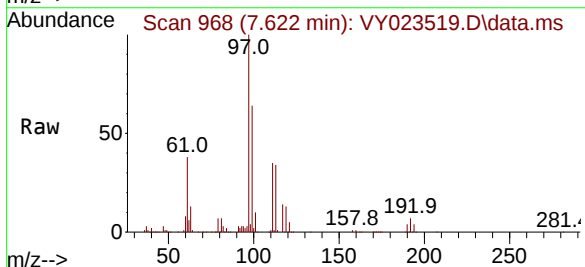
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 327797
Ion Ratio Lower Upper
56 100
69 38.5 30.0 45.0
84 106.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 49.617 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 97 Resp: 424963
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 39.0 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 41.691 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

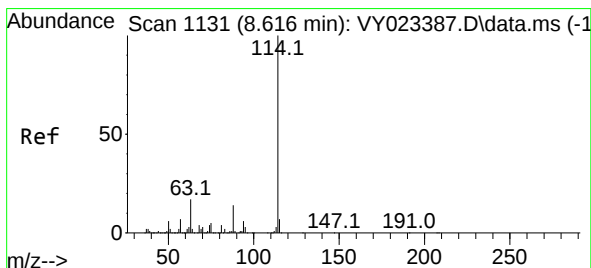
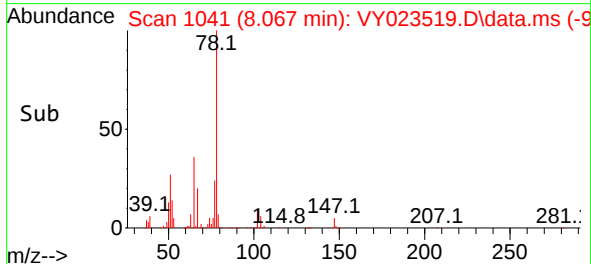
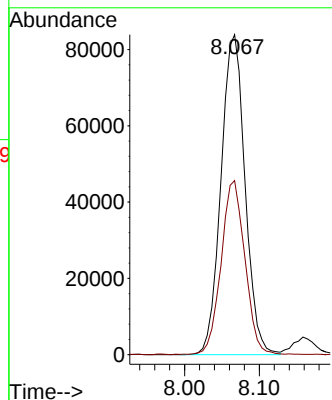
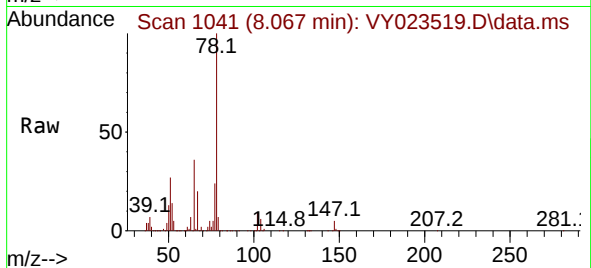
ClientSampleId :

Tgt Ion: 65 Resp: 187746

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

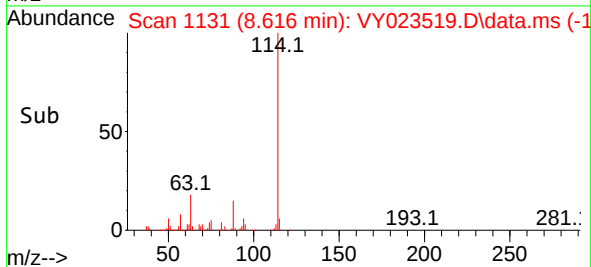
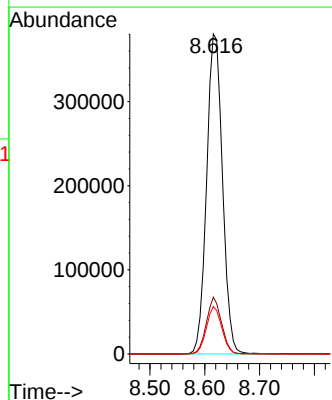
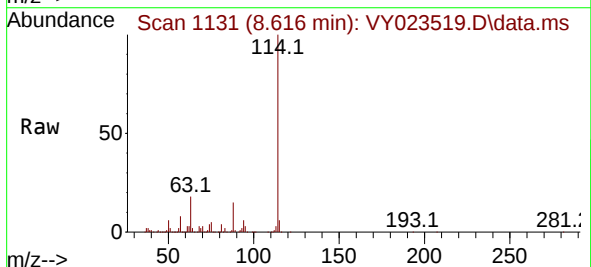
Tgt Ion:114 Resp: 761861

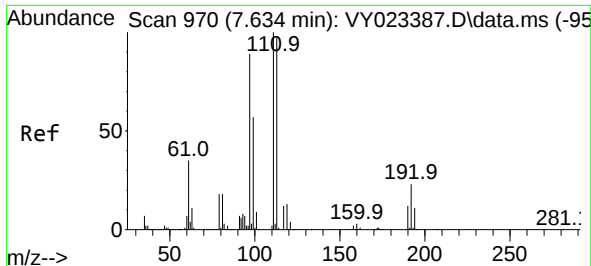
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.2

88 14.8 0.0 28.4

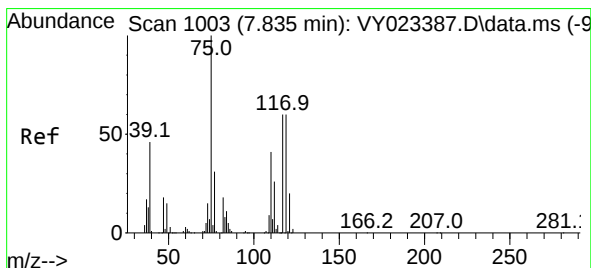
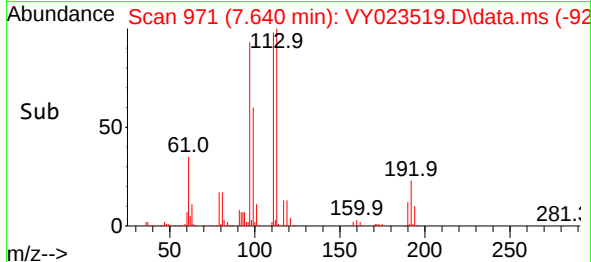
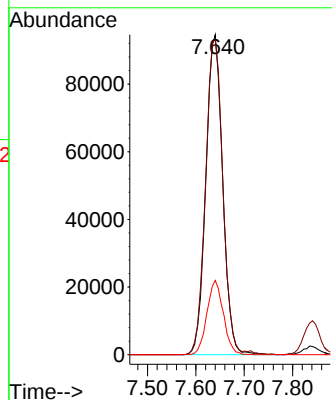
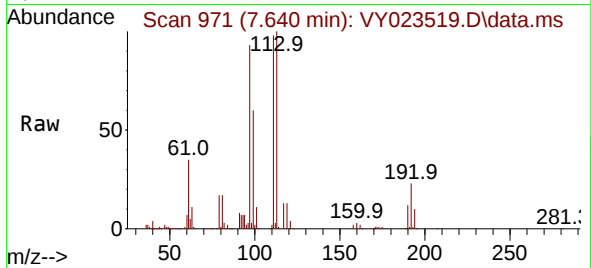




#35
Dibromofluoromethane
Concen: 48.821 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

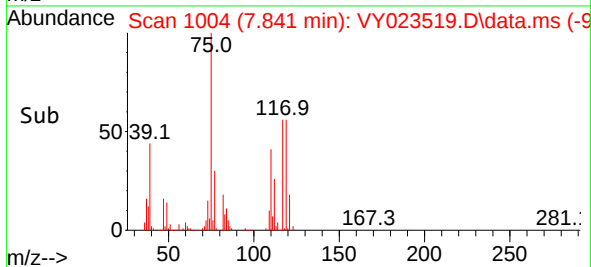
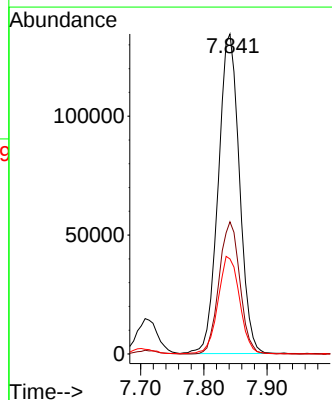
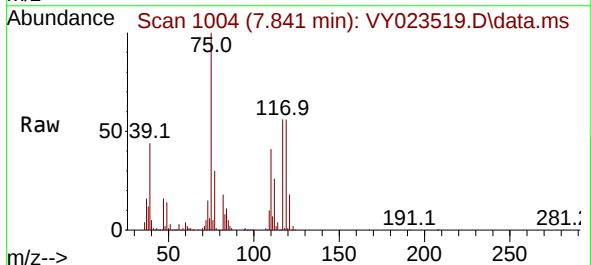
Instrument :
MSVOA_Y
ClientSampleId :

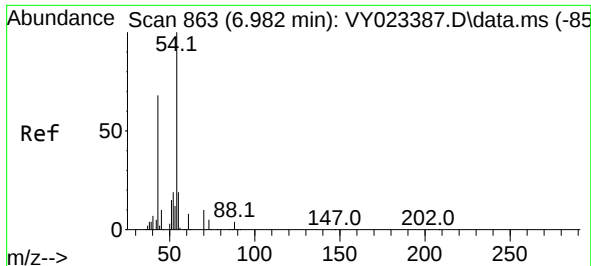
Tgt Ion:113 Resp: 228543
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 22.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 50.312 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 75 Resp: 311808
Ion Ratio Lower Upper
75 100
110 40.6 19.9 59.7
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 34.648 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

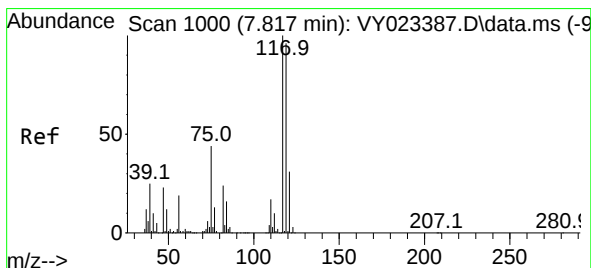
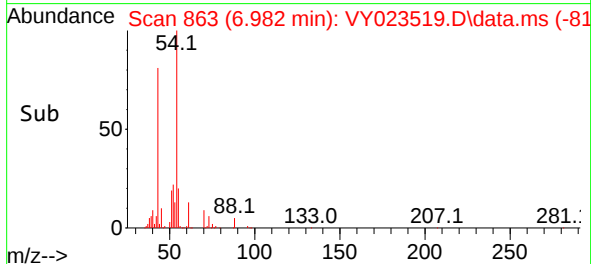
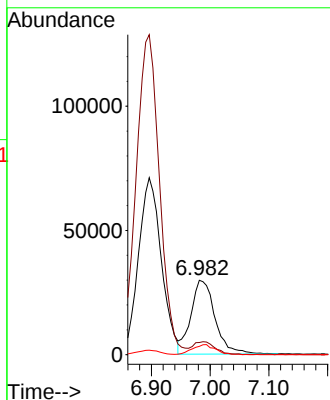
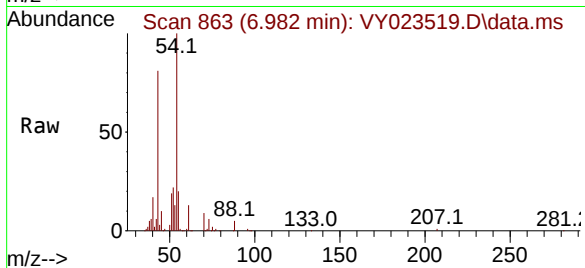
Tgt Ion: 43 Resp: 85072

Ion Ratio Lower Upper

43 100

61 15.5 11.8 17.8

70 13.0 10.5 15.7



#38

Carbon Tetrachloride

Concen: 51.434 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

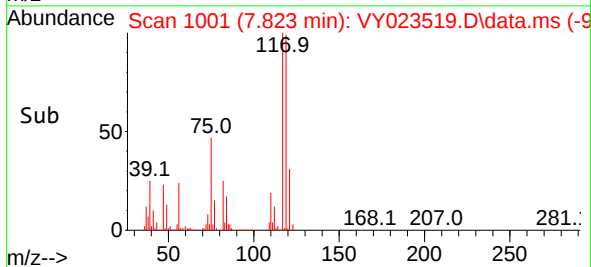
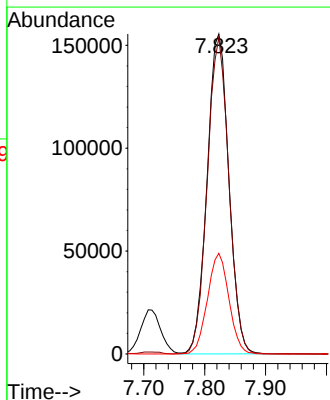
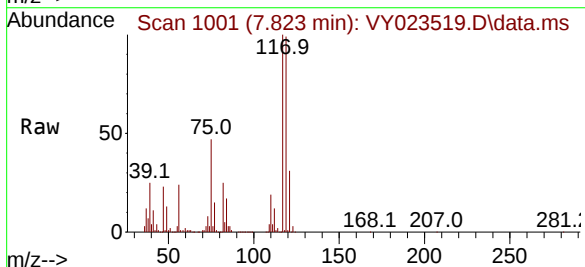
Tgt Ion: 117 Resp: 386518

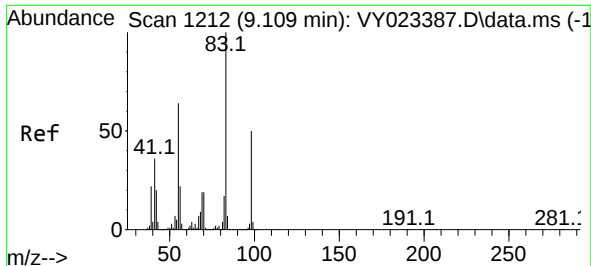
Ion Ratio Lower Upper

117 100

119 99.0 76.8 115.2

121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 50.883 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

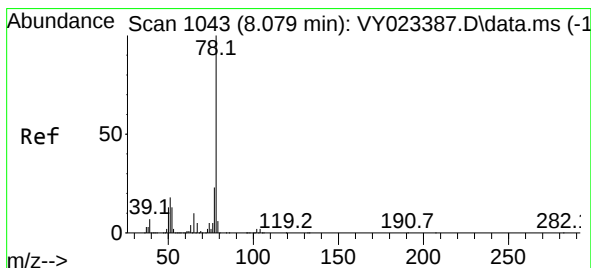
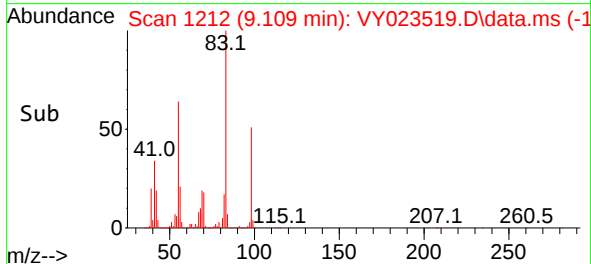
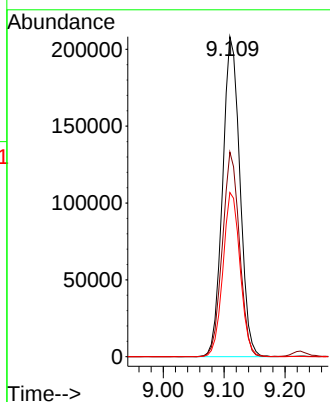
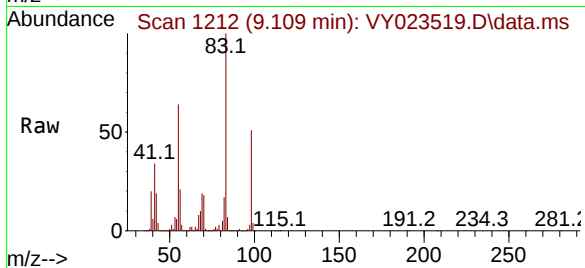
Tgt Ion: 83 Resp: 410593

Ion Ratio Lower Upper

83 100

55 63.9 51.4 77.2

98 51.3 40.4 60.6



#40

Benzene

Concen: 49.833 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023519.D

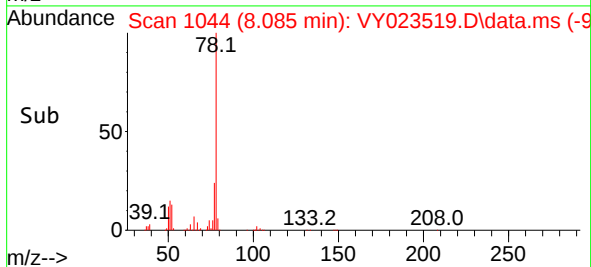
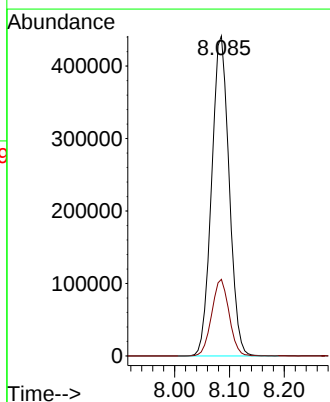
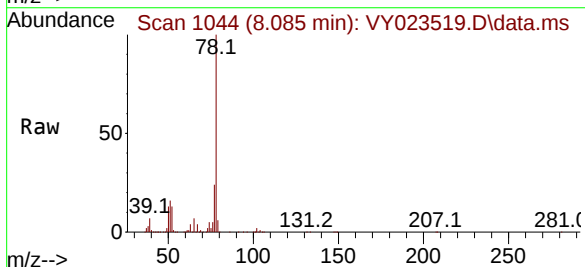
Acq: 20 Oct 2025 19:28

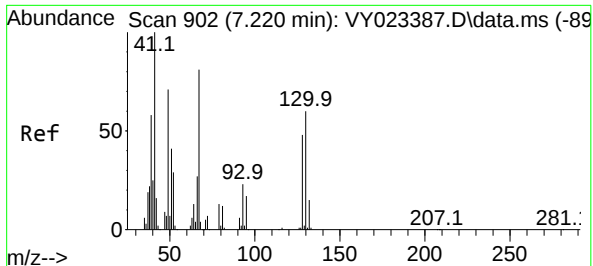
Tgt Ion: 78 Resp: 978074

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5

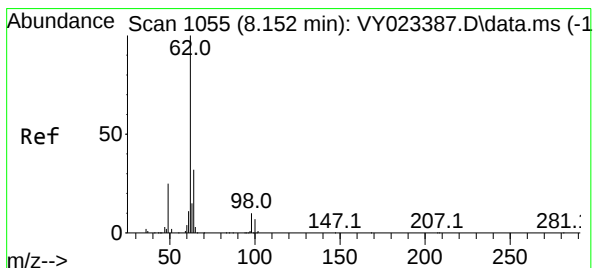
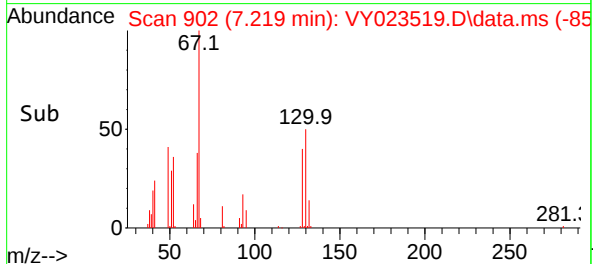
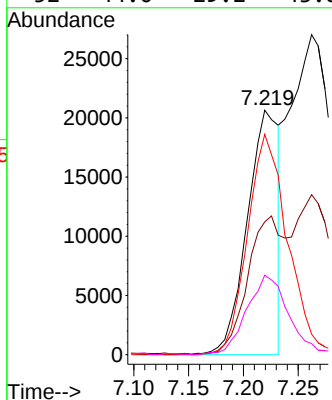
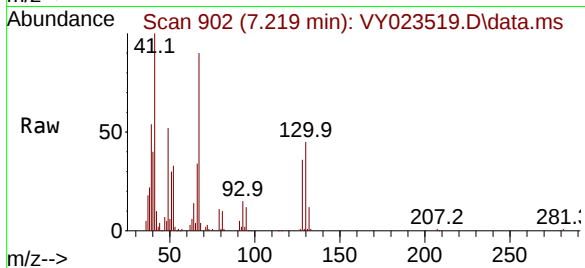




#41
Methacrylonitrile
Concen: 31.123 ug/l
RT: 7.219 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

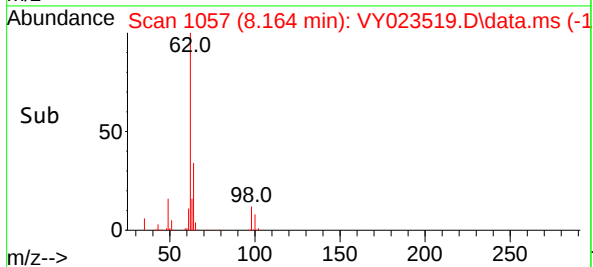
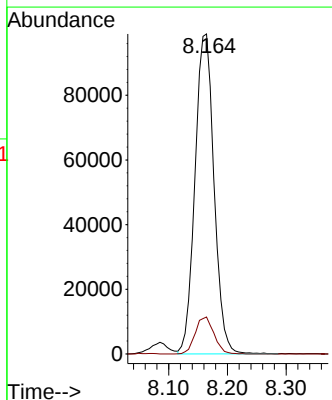
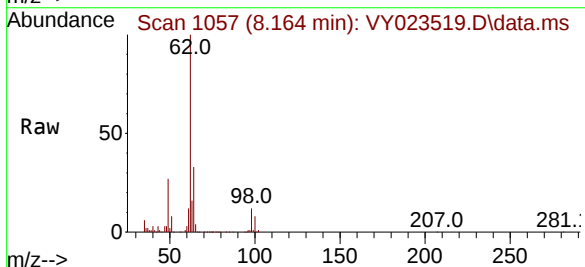
Instrument :
MSVOA_Y
ClientSampleId :

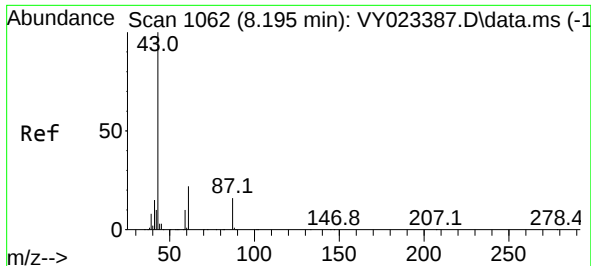
Tgt Ion: 41 Resp: 41329
Ion Ratio Lower Upper
41 100
39 64.0 52.2 78.4
67 114.9 74.9 112.3#
52 44.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 43.993 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 62 Resp: 222684
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.6

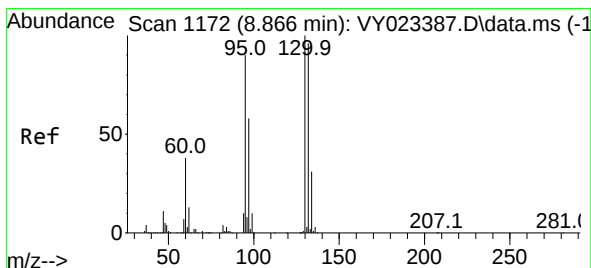
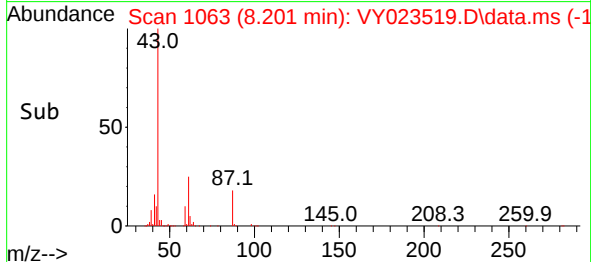
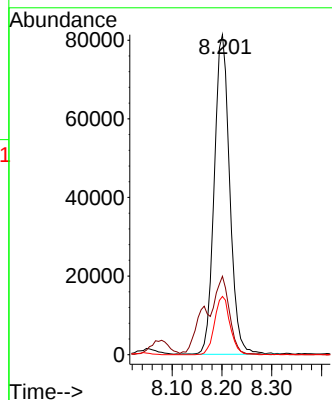
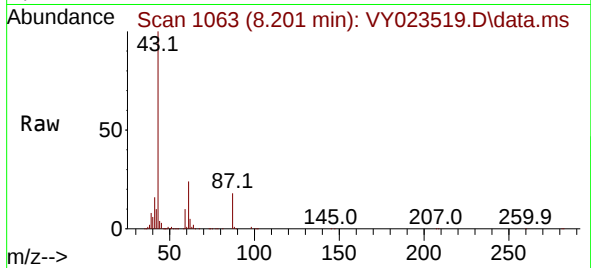




#43
Isopropyl Acetate
Concen: 35.708 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

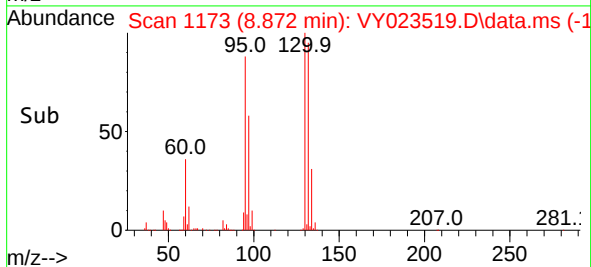
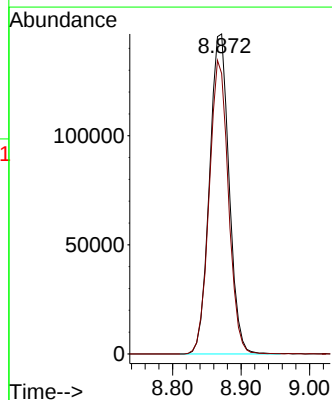
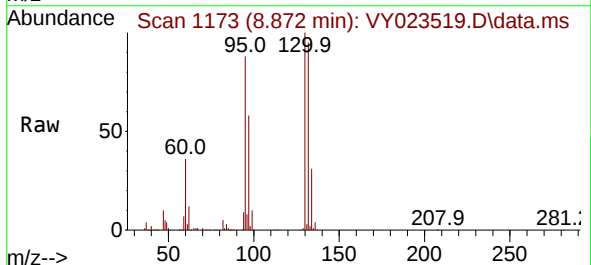
Instrument :
MSVOA_Y
ClientSampleId :

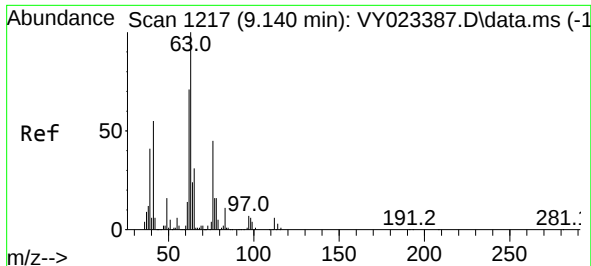
Tgt Ion: 43 Resp: 174821
Ion Ratio Lower Upper
43 100
61 23.4 18.1 27.1
87 18.2 13.5 20.3



#44
Trichloroethene
Concen: 50.684 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion:130 Resp: 291160
Ion Ratio Lower Upper
130 100
95 87.7 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.090 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

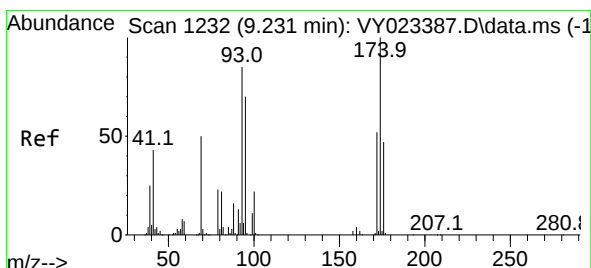
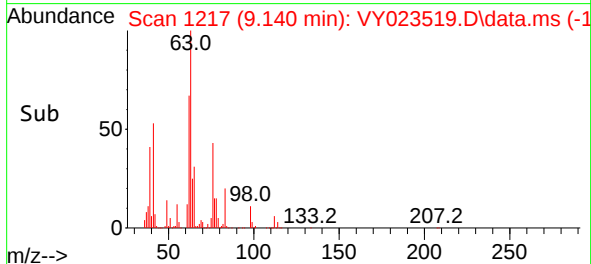
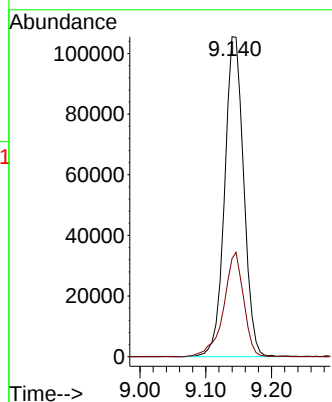
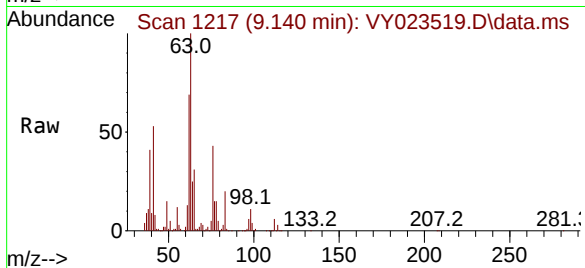
ClientSampleId :

Tgt Ion: 63 Resp: 212814

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 44.906 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

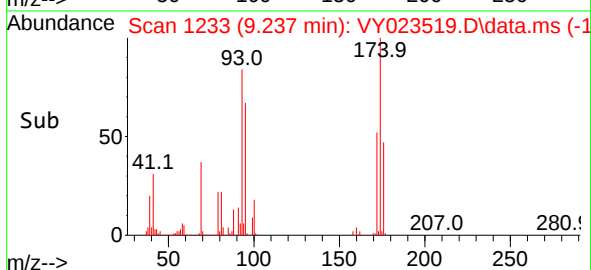
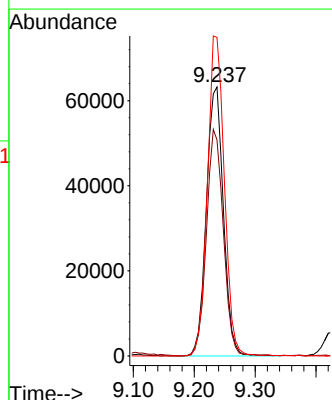
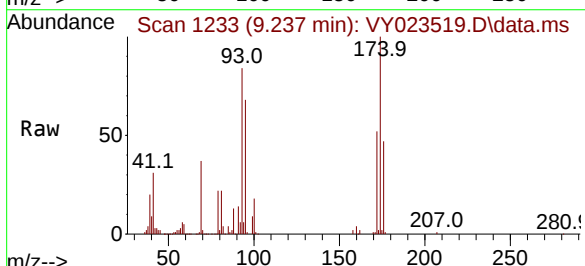
Tgt Ion: 93 Resp: 123099

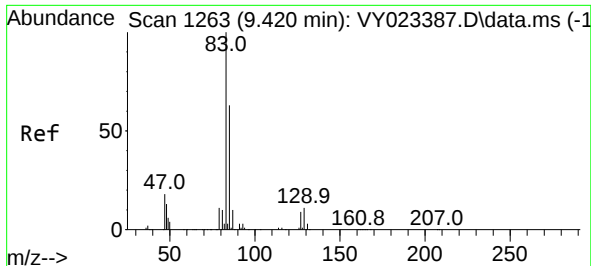
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

174 117.9 92.9 139.3

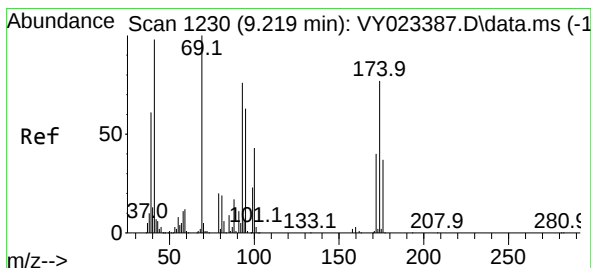
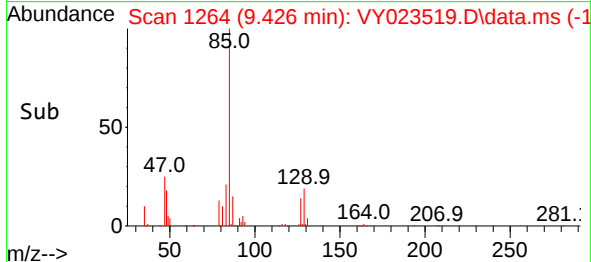
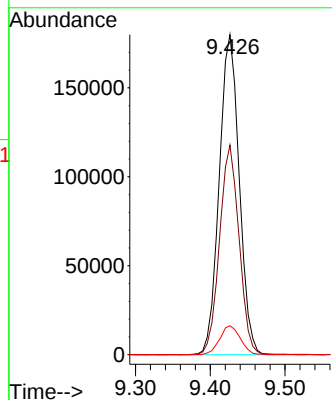
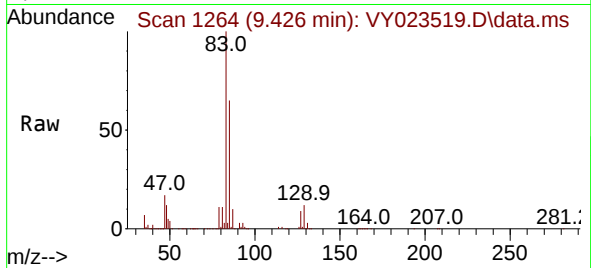




#47
Bromodichloromethane
Concen: 48.477 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

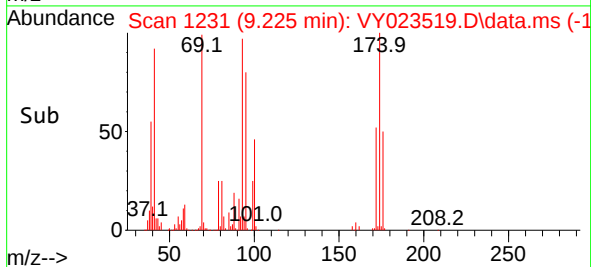
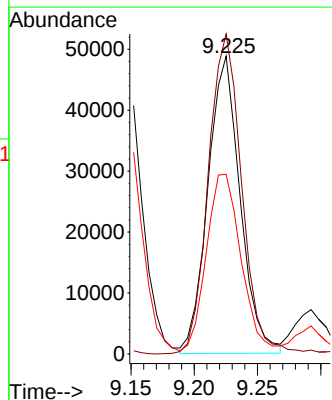
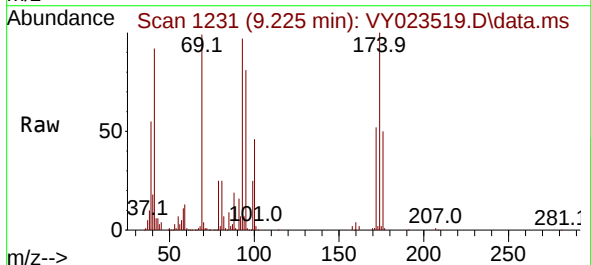
Instrument :
MSVOA_Y
ClientSampleId :

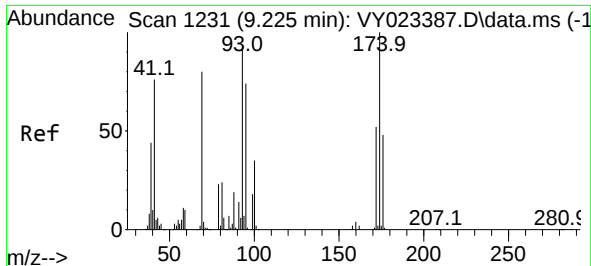
Tgt Ion: 83 Resp: 334685
Ion Ratio Lower Upper
83 100
85 65.5 50.8 76.2
127 9.0 7.4 11.2



#48
Methyl methacrylate
Concen: 37.643 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 41 Resp: 86581
Ion Ratio Lower Upper
41 100
69 111.3 81.0 121.4
39 63.6 48.2 72.4





#49

1,4-Dioxane

Concen: 732.255 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

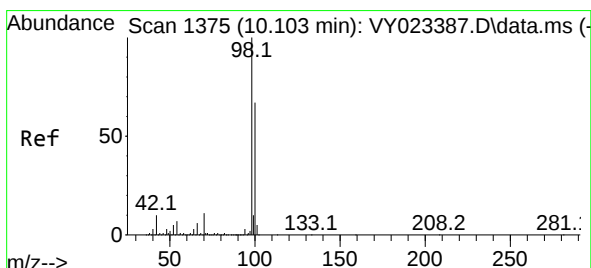
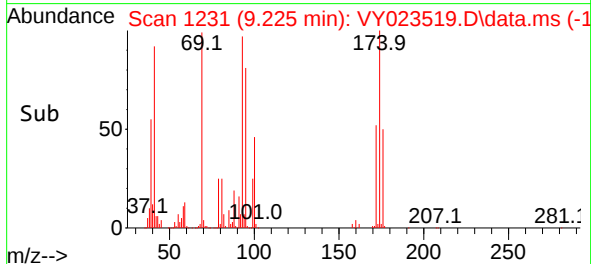
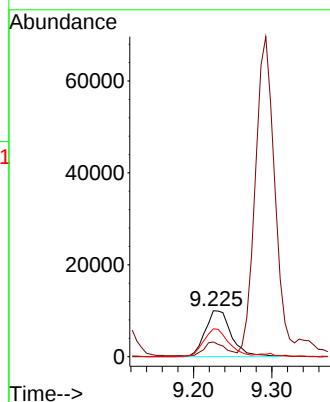
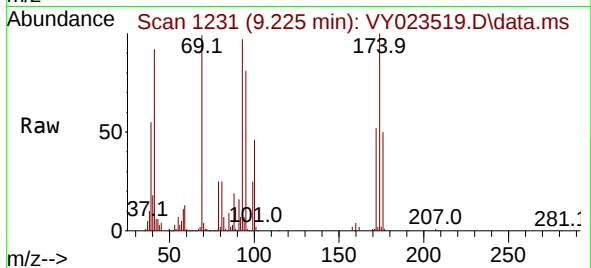
Tgt Ion: 88 Resp: 23273

Ion Ratio Lower Upper

88 100

43 24.8 21.8 32.8

58 58.1 46.8 70.2



#50

Toluene-d8

Concen: 49.591 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023519.D

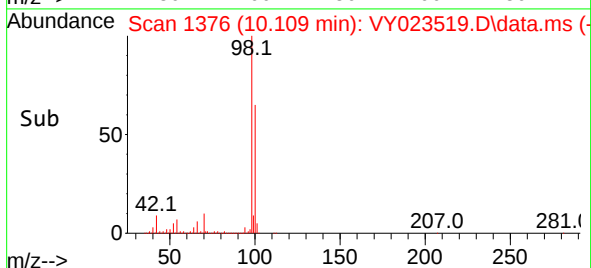
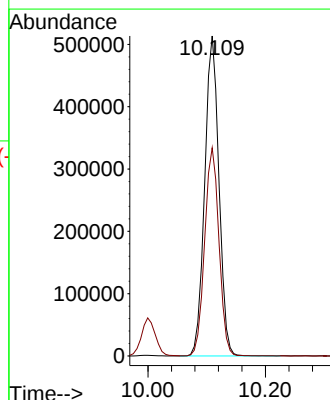
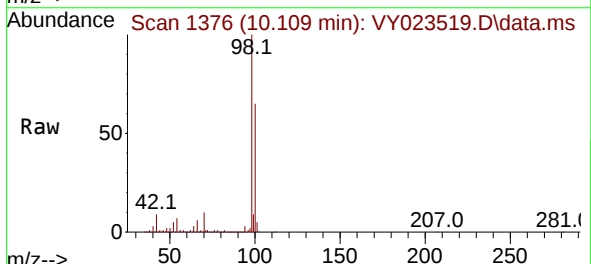
Acq: 20 Oct 2025 19:28

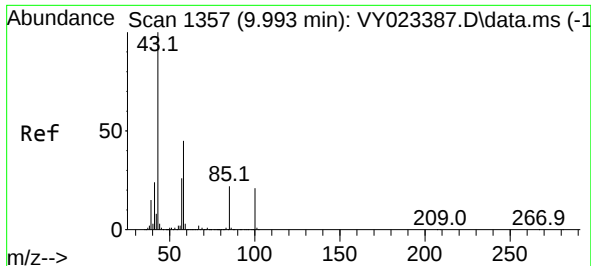
Tgt Ion: 98 Resp: 864554

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 178.593 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

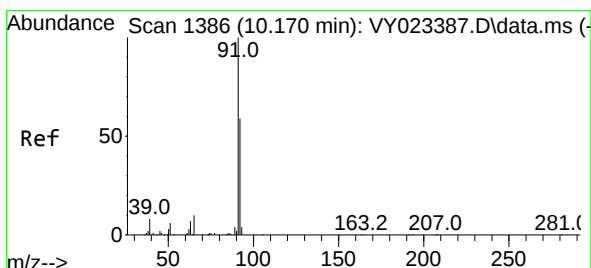
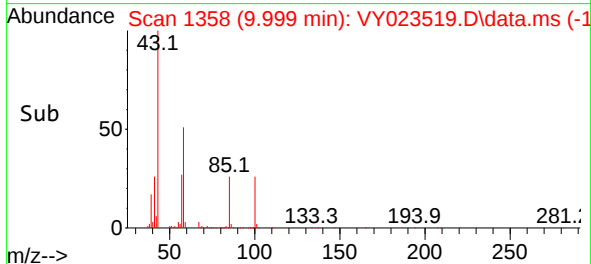
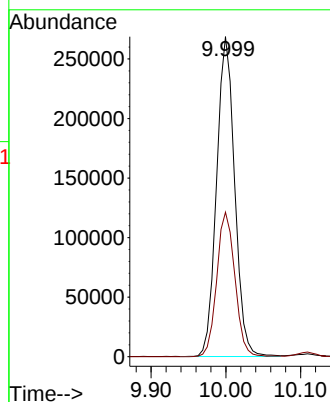
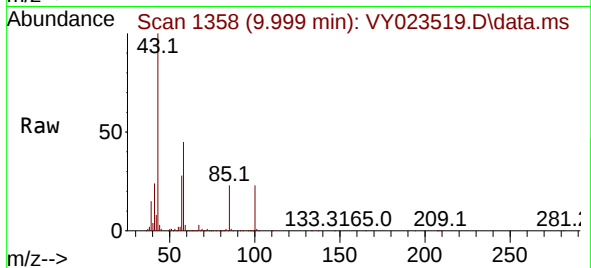
ClientSampleId :

Tgt Ion: 43 Resp: 451758

Ion Ratio Lower Upper

43 100

58 45.3 35.3 52.9



#52

Toluene

Concen: 51.058 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023519.D

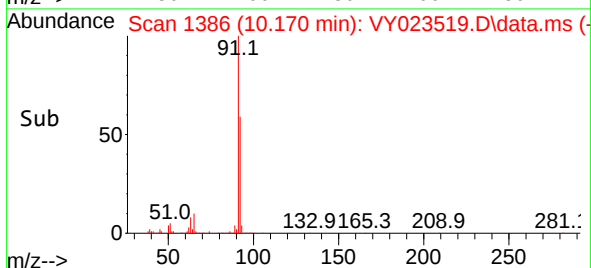
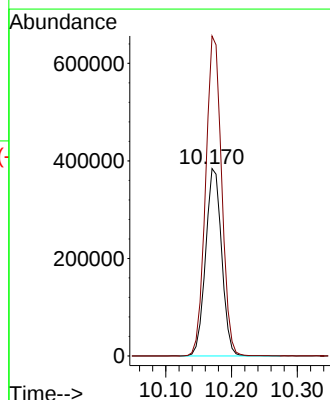
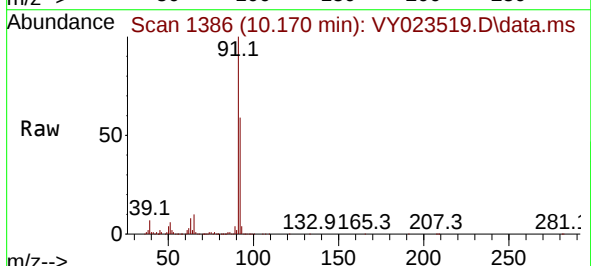
Acq: 20 Oct 2025 19:28

Tgt Ion: 92 Resp: 650663

Ion Ratio Lower Upper

92 100

91 170.7 136.4 204.6

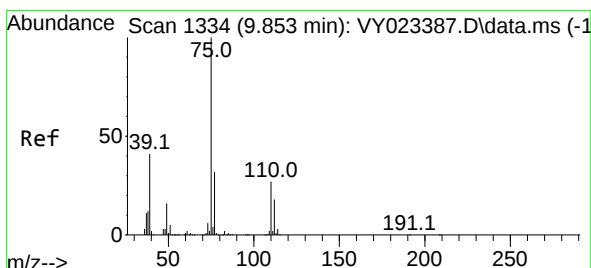
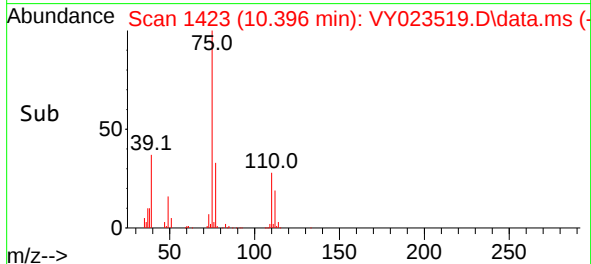
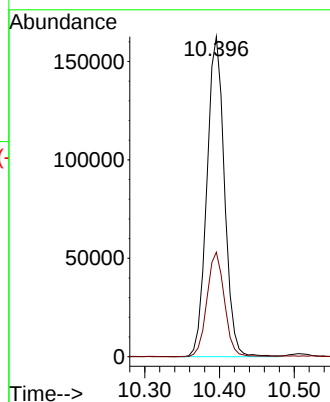
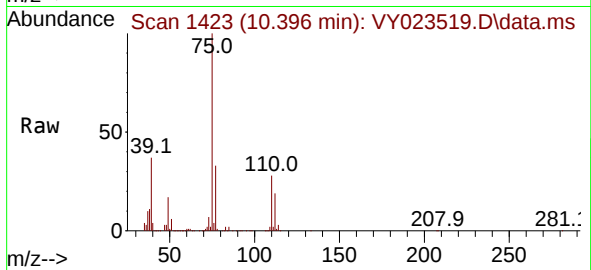




#53
 t-1,3-Dichloropropene
 Concen: 44.193 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

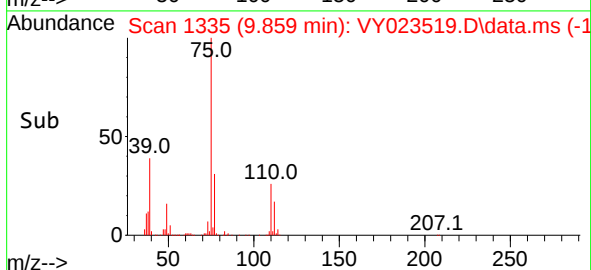
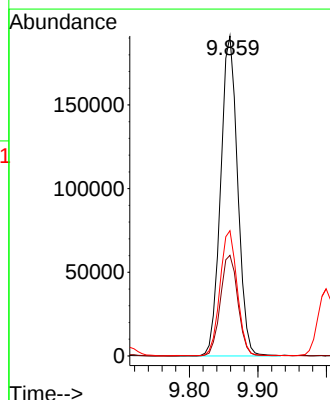
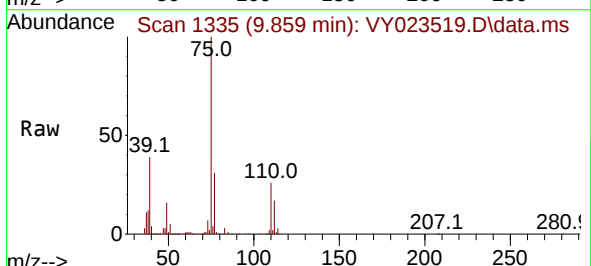
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 265291
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 46.362 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

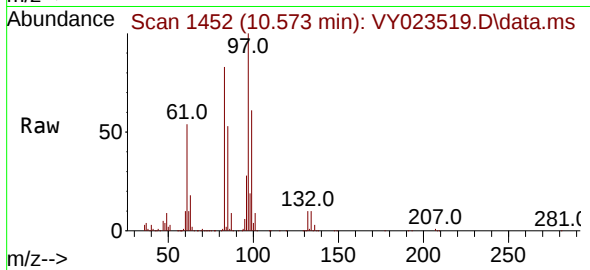
Tgt Ion: 75 Resp: 328473
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 39.0 32.8 49.2





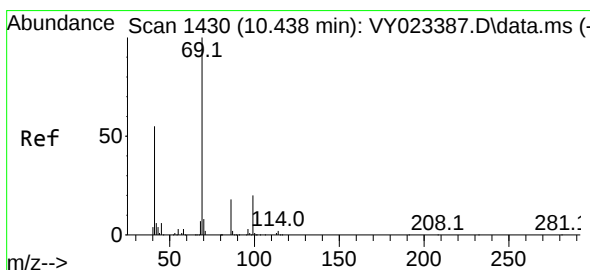
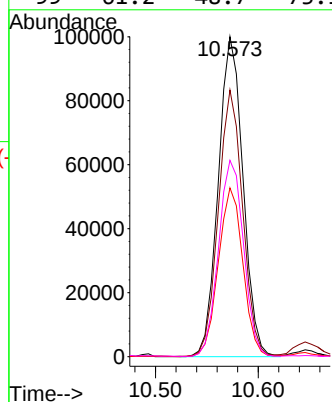
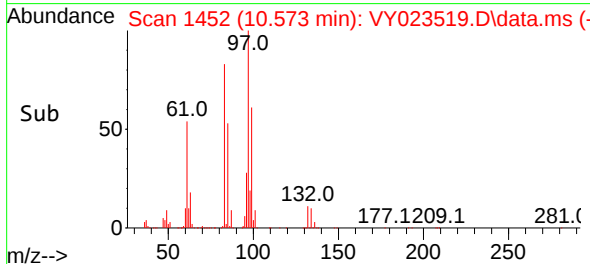
#55
1,1,2-Trichloroethane
Concen: 45.289 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
MSVOA_Y
ClientSampleId :

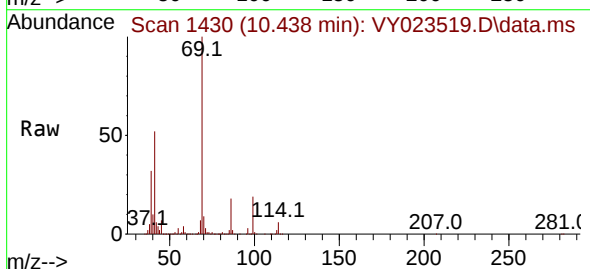


Tgt Ion: 97 Resp: 166949

Ion	Ratio	Lower	Upper
97	100		
83	83.2	61.8	92.6
85	52.8	41.3	61.9
99	61.2	48.7	73.1

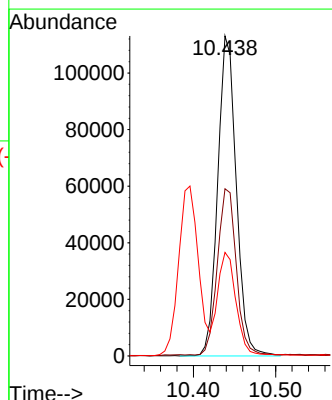
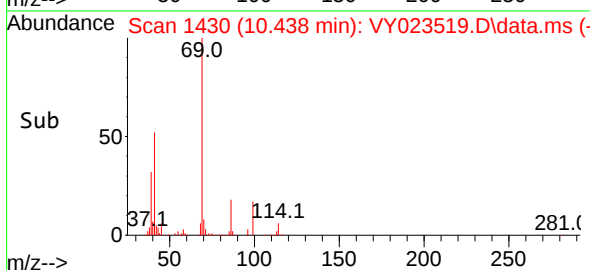


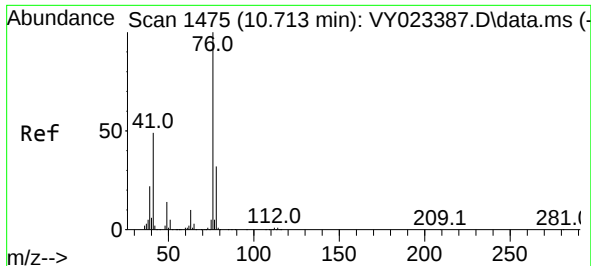
#56
Ethyl methacrylate
Concen: 41.822 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 69 Resp: 177834

Ion	Ratio	Lower	Upper
69	100		
41	52.7	44.6	67.0
39	31.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 44.882 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

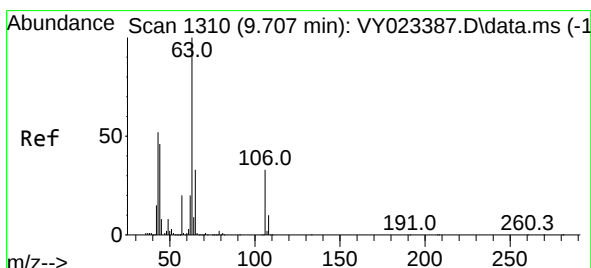
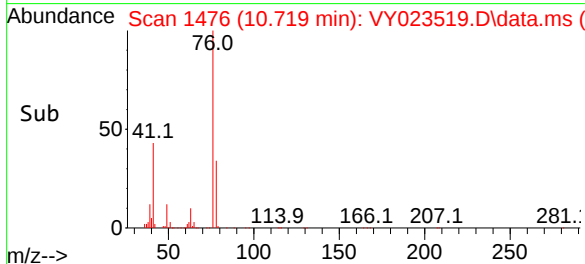
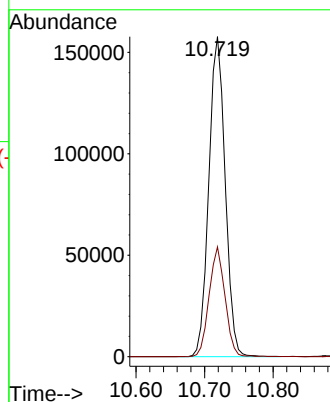
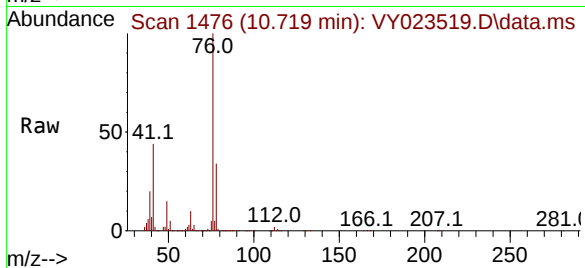
ClientSampleId :

Tgt Ion: 76 Resp: 262169

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 224.160 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023519.D

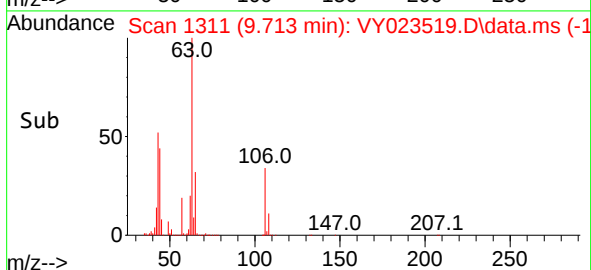
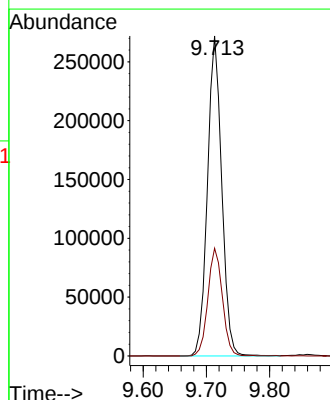
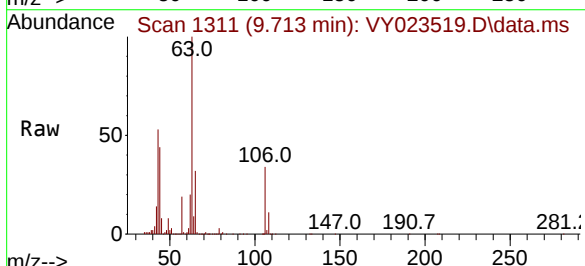
Acq: 20 Oct 2025 19:28

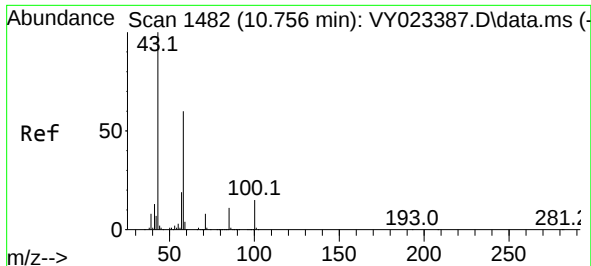
Tgt Ion: 63 Resp: 426994

Ion Ratio Lower Upper

63 100

106 34.2 26.6 39.8

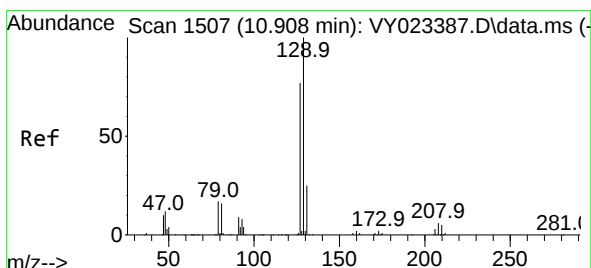
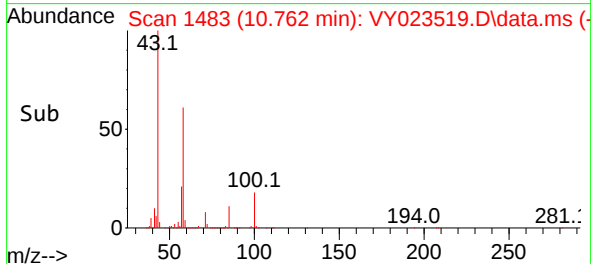
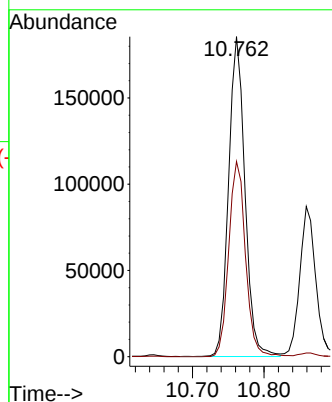
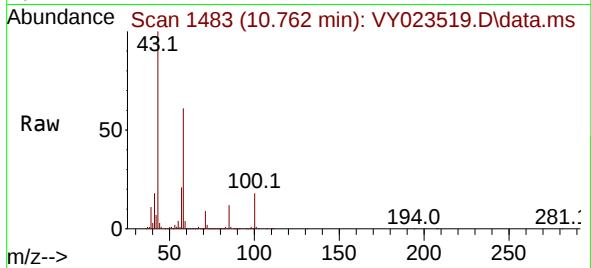




#59
2-Hexanone
Concen: 162.741 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

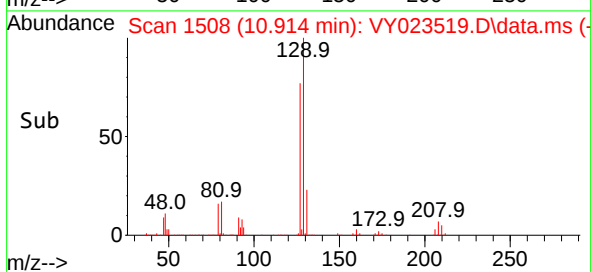
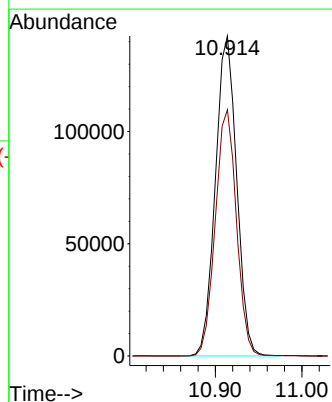
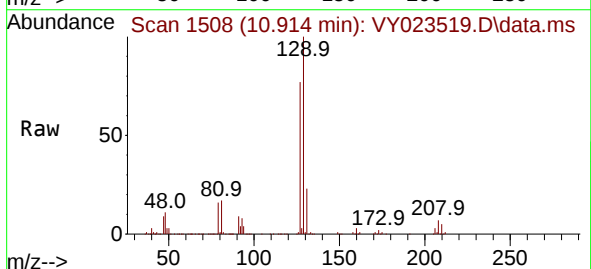
Instrument :
MSVOA_Y
ClientSampleId :

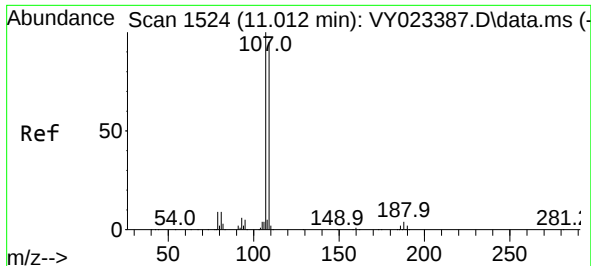
Tgt Ion: 43 Resp: 294191
Ion Ratio Lower Upper
43 100
58 62.7 30.5 91.5



#60
Dibromochloromethane
Concen: 47.061 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 129 Resp: 243219
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

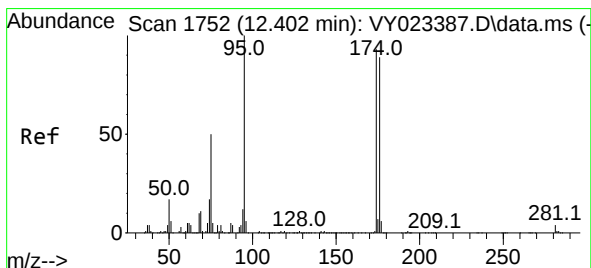
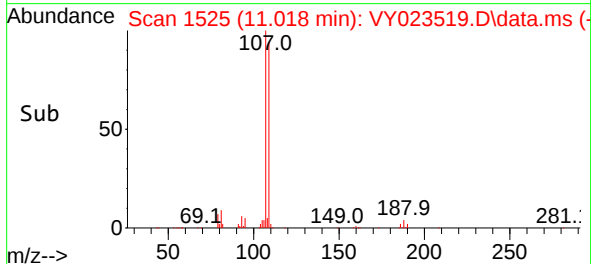
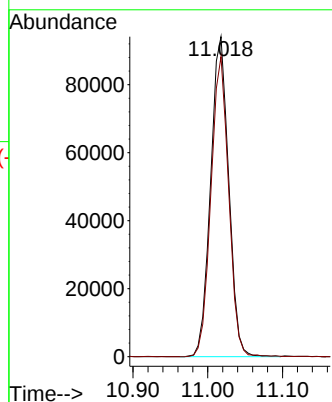
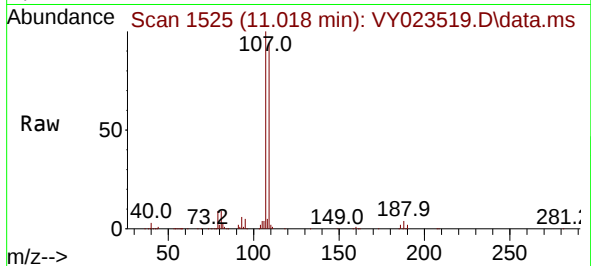




#61
1,2-Dibromoethane
Concen: 45.112 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

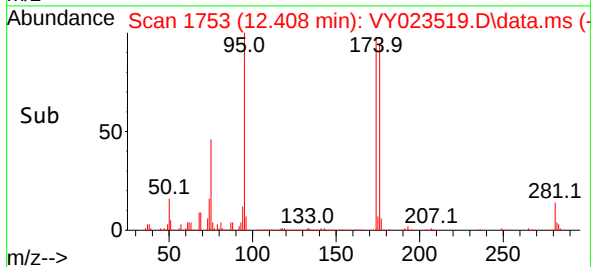
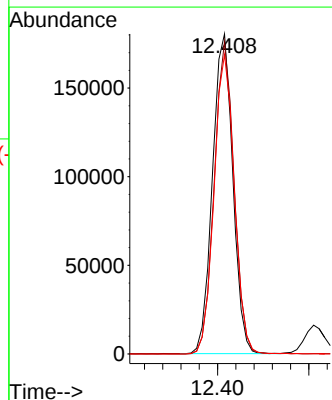
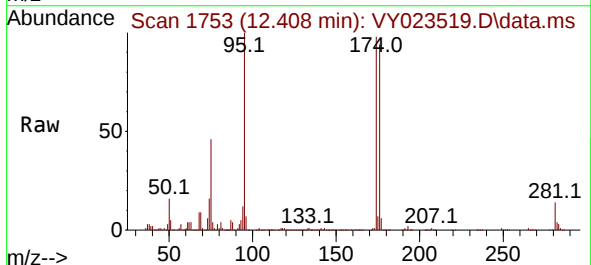
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 158595
Ion Ratio Lower Upper
107 100
109 91.8 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 95 Resp: 278234
Ion Ratio Lower Upper
95 100
174 95.8 0.0 192.8
176 93.6 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

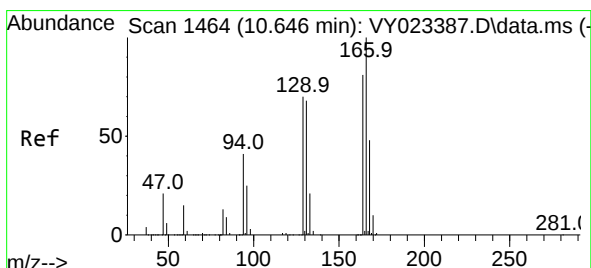
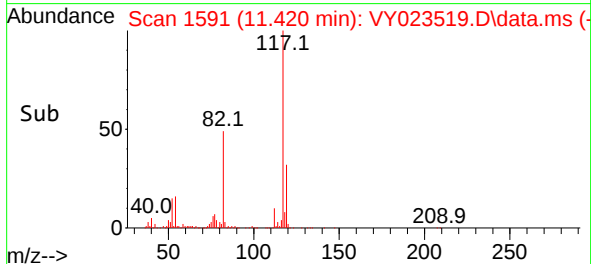
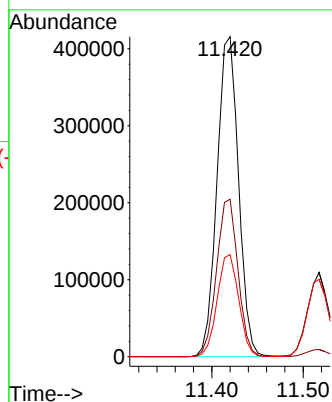
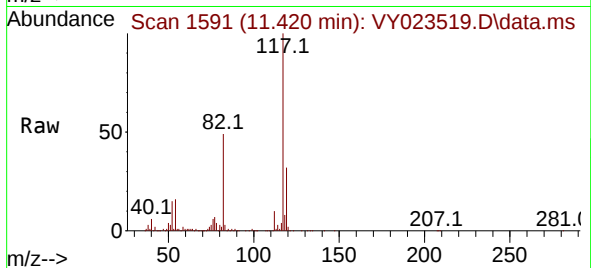
Tgt Ion:117 Resp: 681047

Ion Ratio Lower Upper

117 100

82 49.2 41.0 61.4

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 52.698 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion:164 Resp: 370576

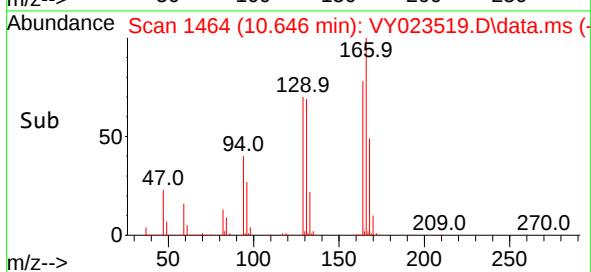
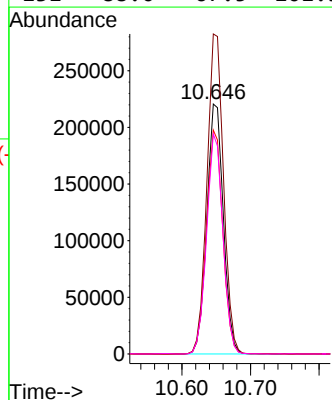
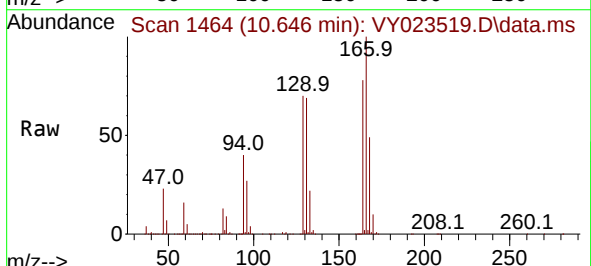
Ion Ratio Lower Upper

164 100

166 128.1 99.4 149.0

129 89.6 69.4 104.2

131 88.0 67.5 101.3

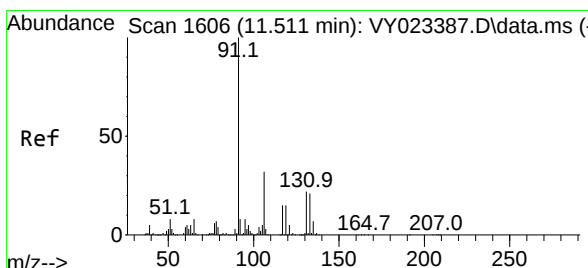
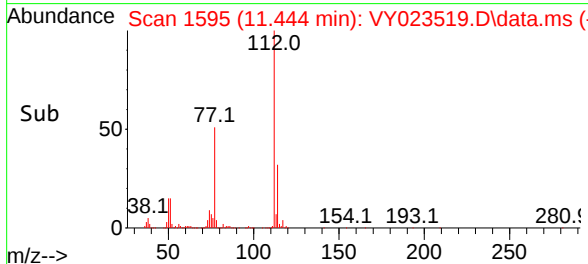
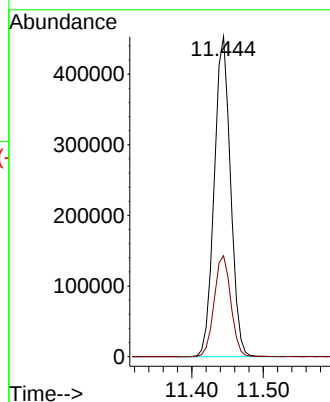
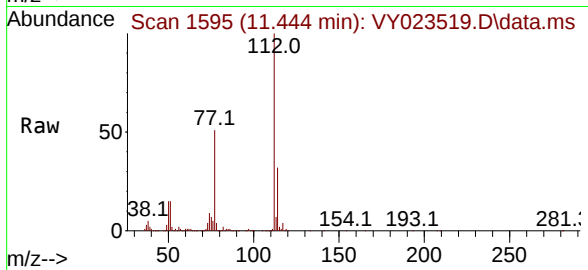




#65
Chlorobenzene
Concen: 48.391 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

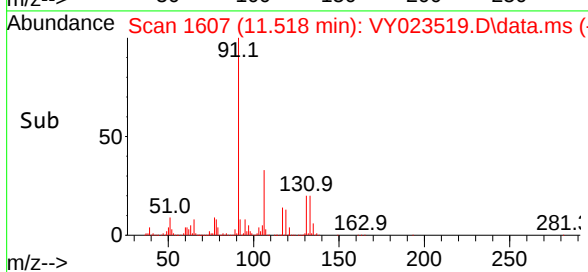
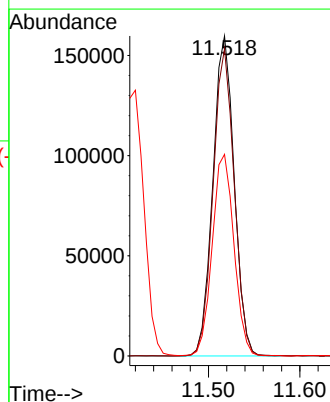
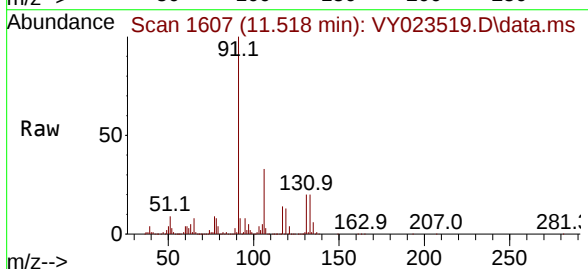
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 716795
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.993 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion:131 Resp: 258610
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.2
119 64.4 32.4 97.2

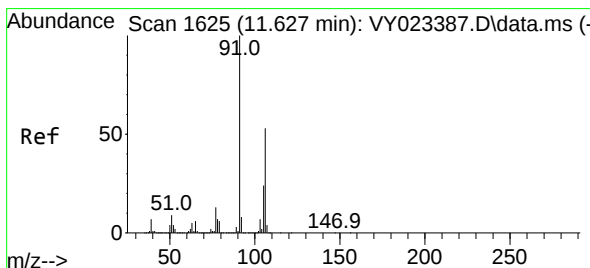
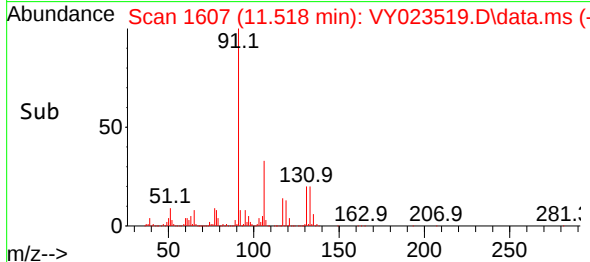
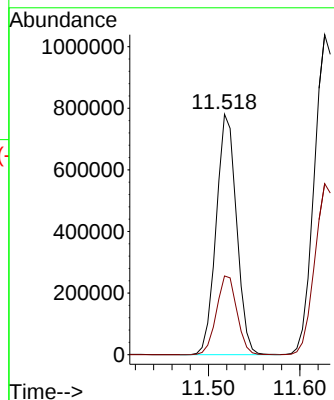
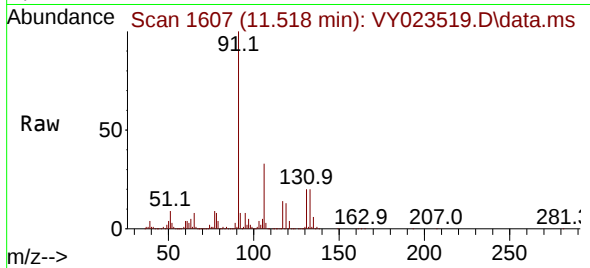




#67
Ethyl Benzene
Concen: 50.371 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

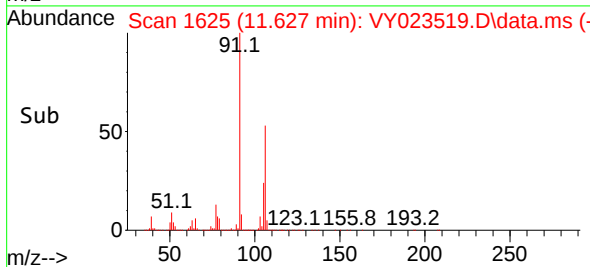
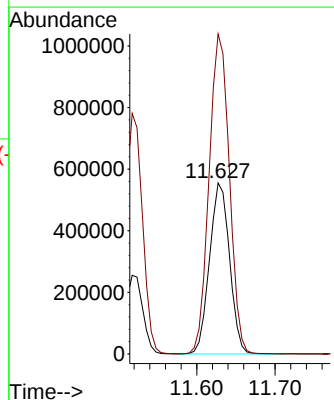
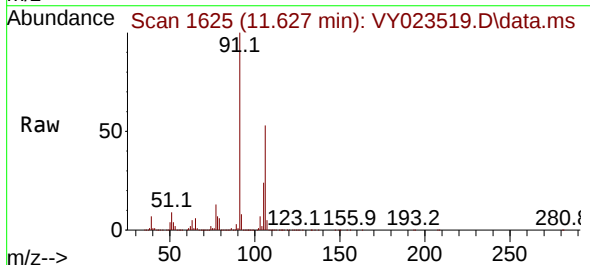
Instrument :
MSVOA_Y
ClientSampleId :

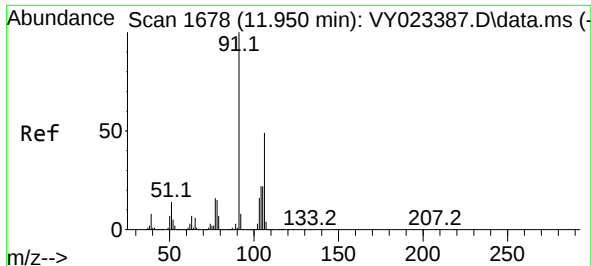
Tgt Ion: 91 Resp: 1207735
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8



#68
m/p-Xylenes
Concen: 102.206 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion:106 Resp: 982921
Ion Ratio Lower Upper
106 100
91 190.0 152.6 229.0

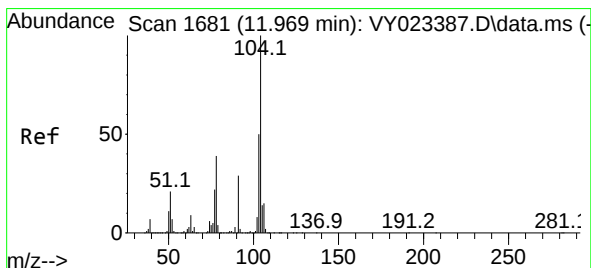
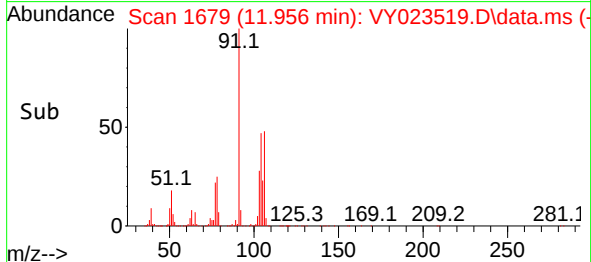
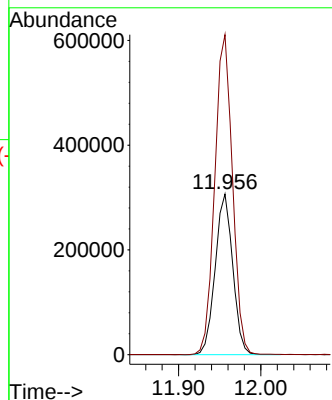
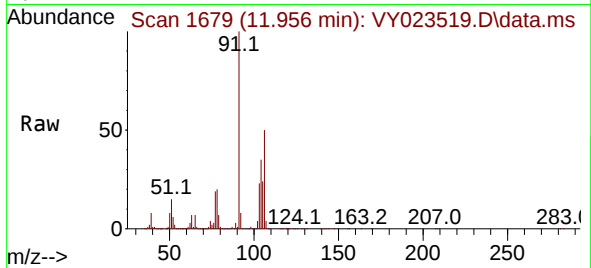




#69
o-Xylene
Concen: 50.437 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

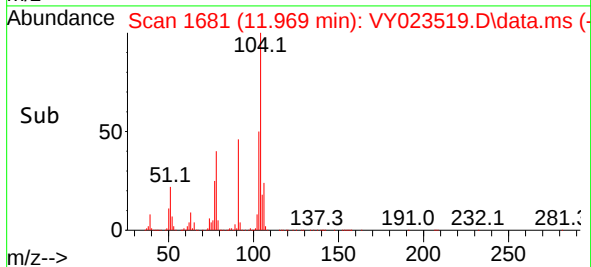
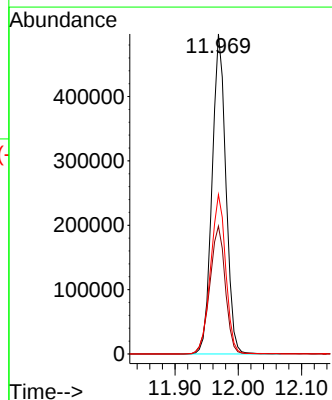
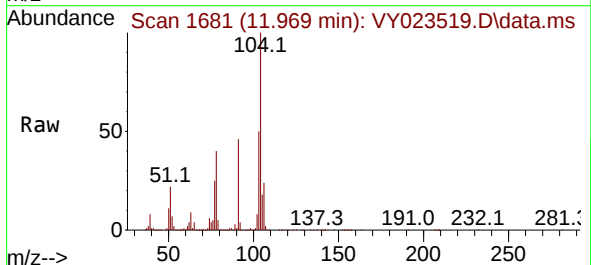
Instrument :
MSVOA_Y
ClientSampleId :

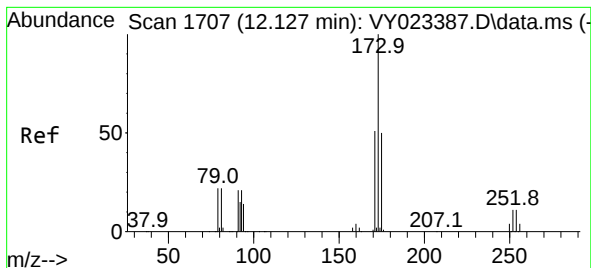
Tgt Ion:106 Resp: 454971
Ion Ratio Lower Upper
106 100
91 201.0 101.4 304.1



#70
Styrene
Concen: 50.995 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion:104 Resp: 756453
Ion Ratio Lower Upper
104 100
78 44.7 36.1 54.1
103 54.3 43.2 64.8





#71

Bromoform

Concen: 43.532 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

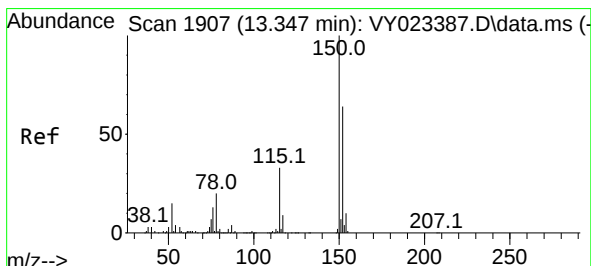
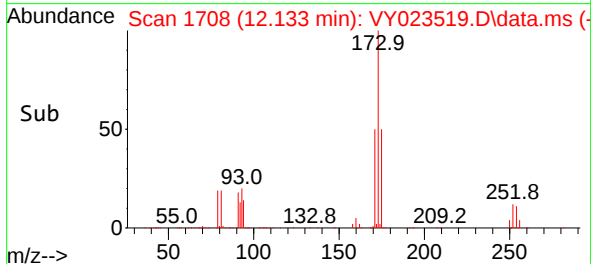
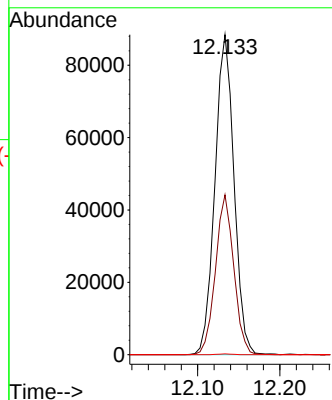
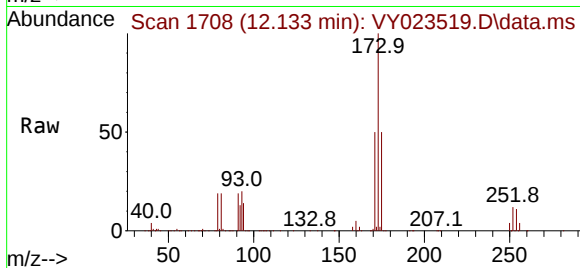
Tgt Ion:173 Resp: 142534

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

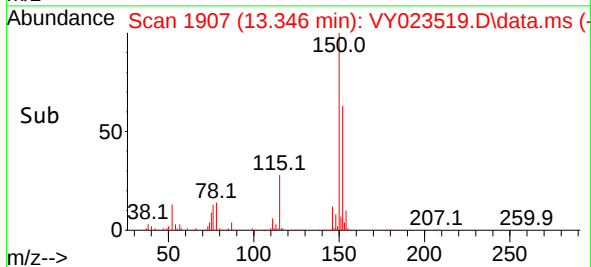
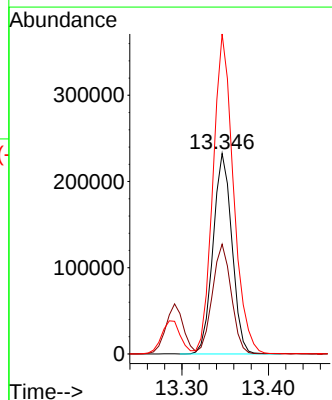
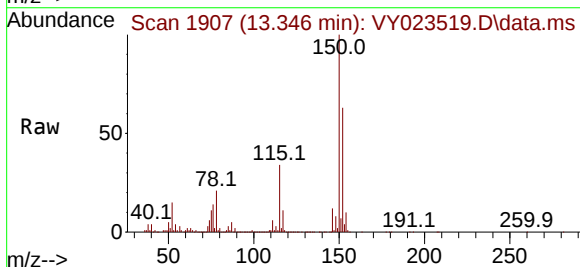
Tgt Ion:152 Resp: 352503

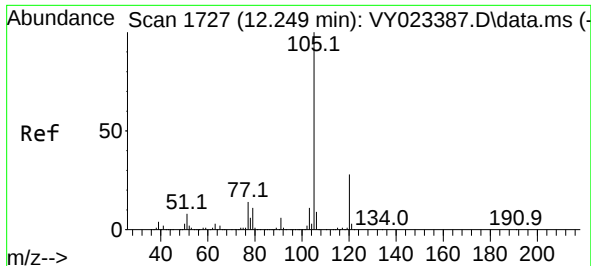
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.2

150 172.7 0.0 347.4

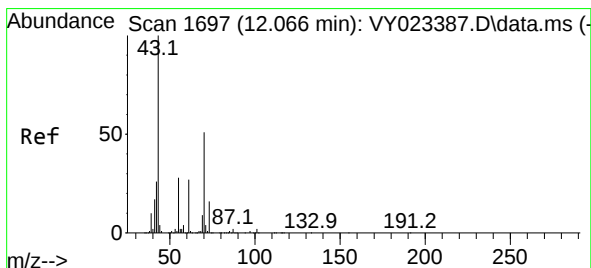
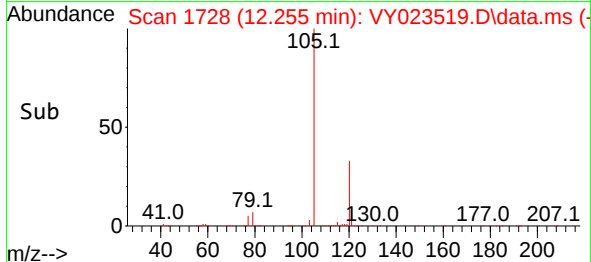
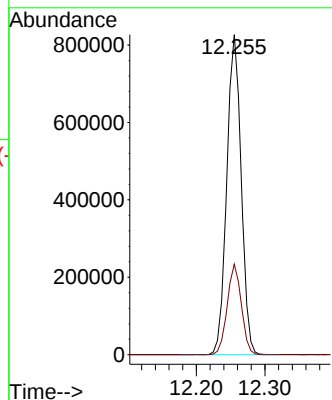
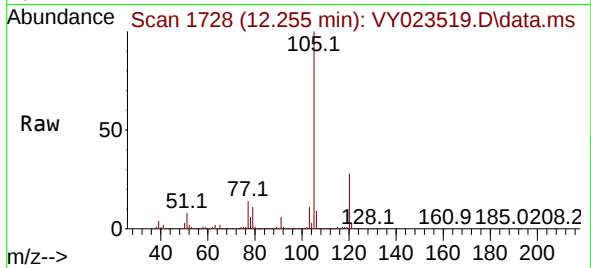




#73
Isopropylbenzene
Concen: 51.648 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

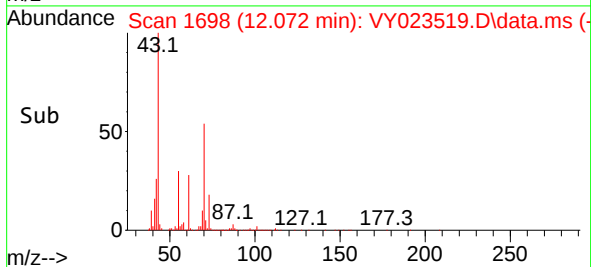
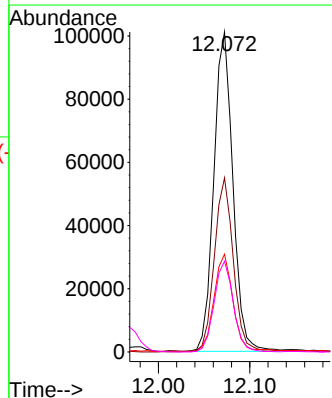
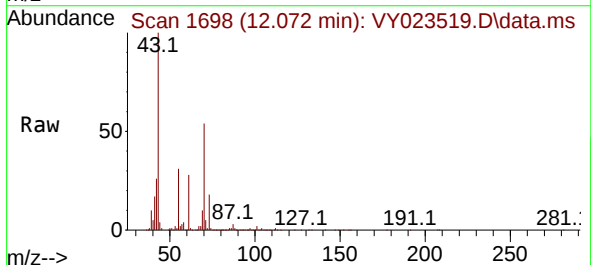
Instrument :
MSVOA_Y
ClientSampleId :

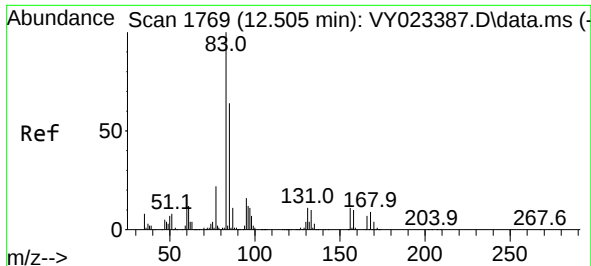
Tgt Ion:105 Resp: 1199809
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7



#74
N-ethyl acetate
Concen: 35.075 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 43 Resp: 146350
Ion Ratio Lower Upper
43 100
70 55.1 41.1 61.7
55 30.4 23.0 34.6
61 28.6 21.4 32.2

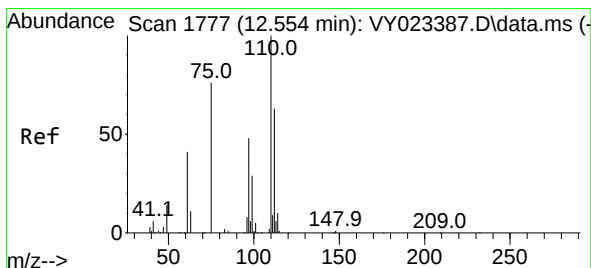
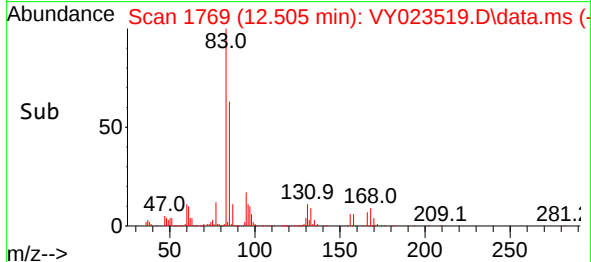
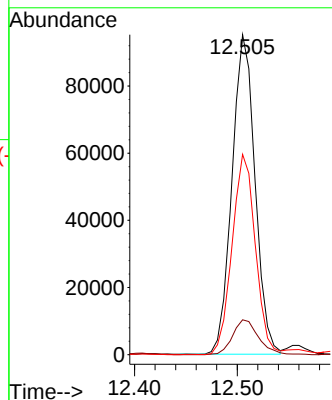
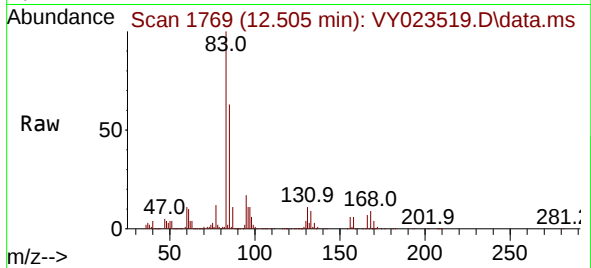




#75
1,1,2,2-Tetrachloroethane
Concen: 39.066 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

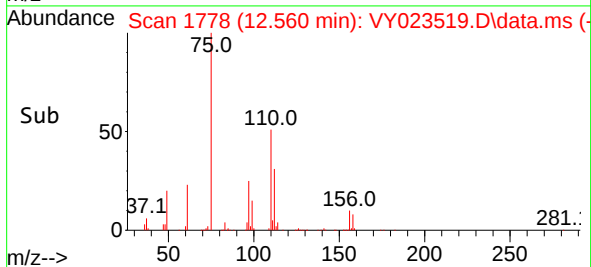
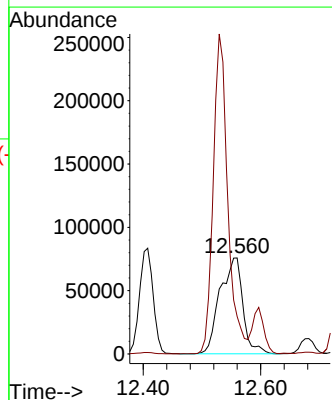
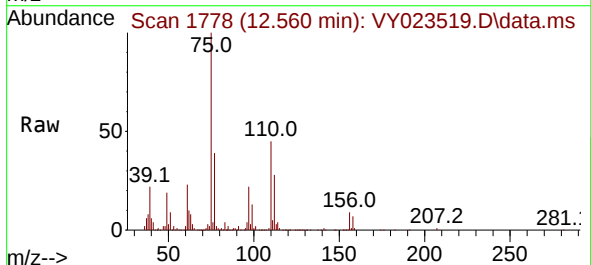
Instrument :
MSVOA_Y
ClientSampleId :

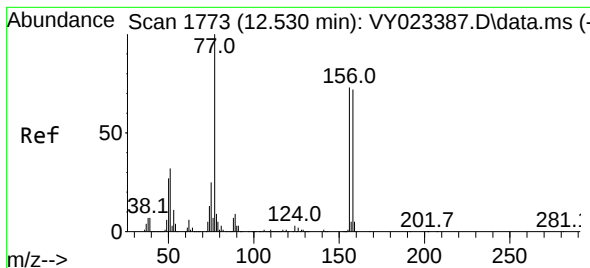
Tgt Ion: 83 Resp: 148432
Ion Ratio Lower Upper
83 100
131 12.3 5.9 17.6
85 63.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 65.912 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 75 Resp: 204987
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.825 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

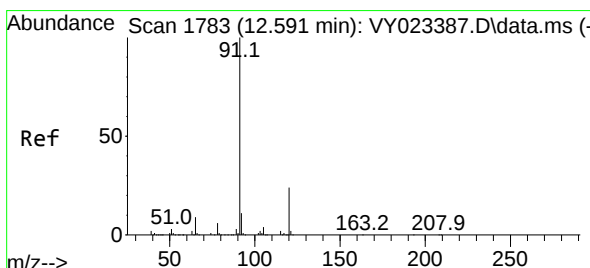
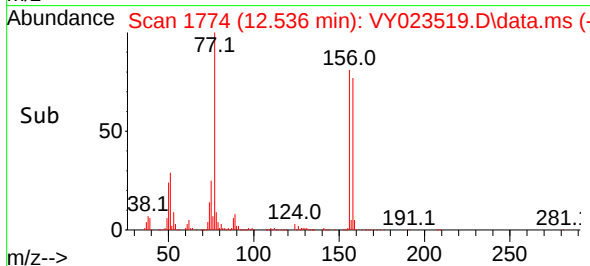
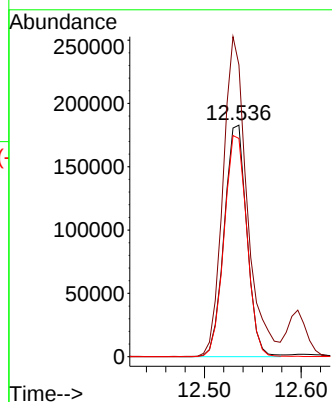
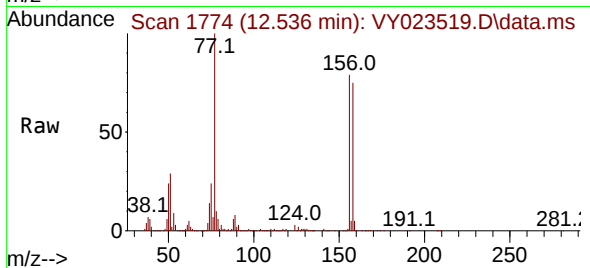
Tgt Ion:156 Resp: 295360

Ion Ratio Lower Upper

156 100

77 147.7 76.8 230.5

158 96.6 49.0 147.2



#78

n-propylbenzene

Concen: 51.567 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023519.D

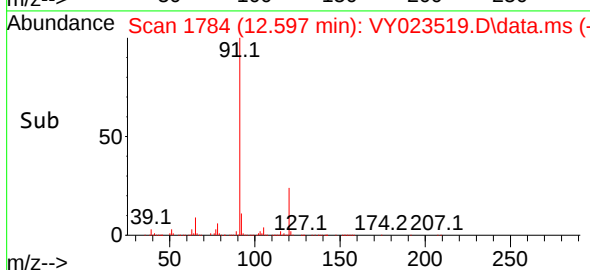
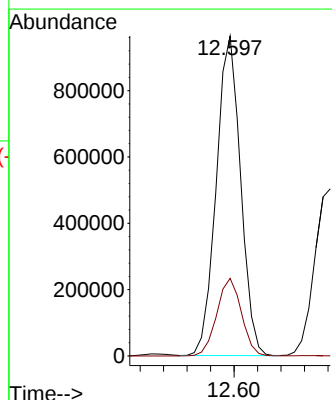
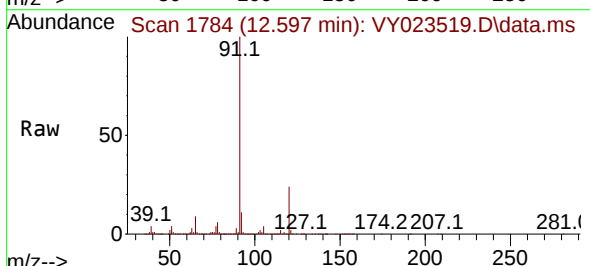
Acq: 20 Oct 2025 19:28

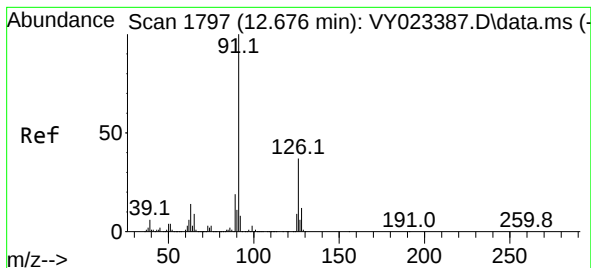
Tgt Ion: 91 Resp: 1386240

Ion Ratio Lower Upper

91 100

120 24.5 12.3 36.8

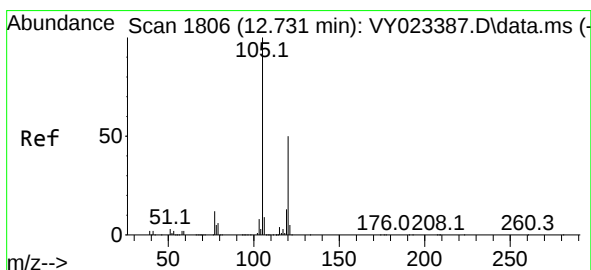
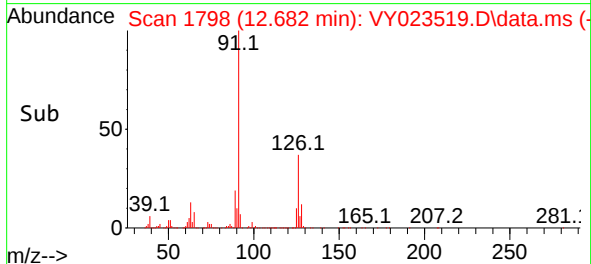
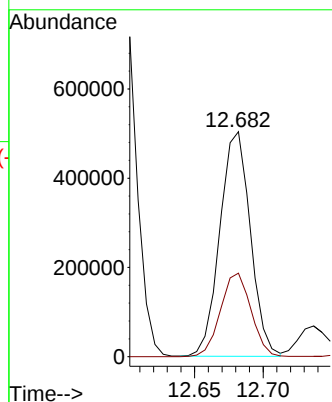
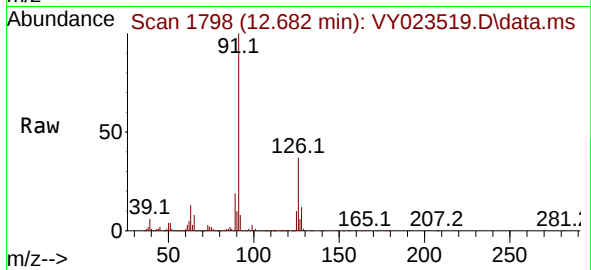




#79
2-Chlorotoluene
Concen: 49.601 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

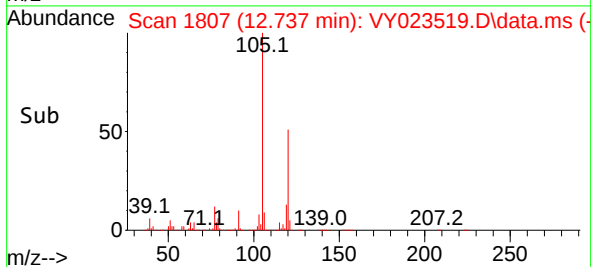
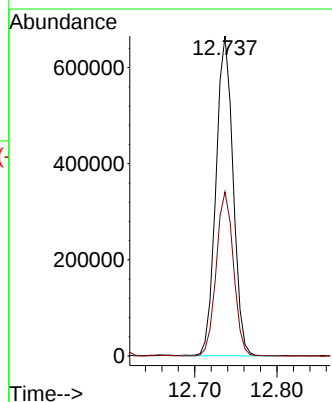
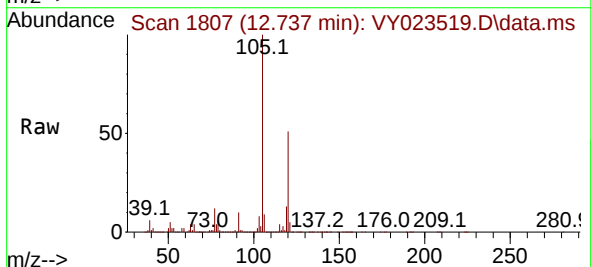
Instrument :
MSVOA_Y
ClientSampleId :

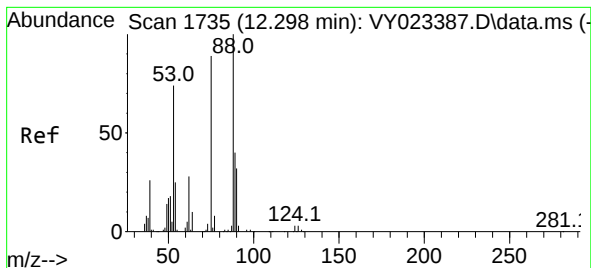
Tgt Ion: 91 Resp: 780834
Ion Ratio Lower Upper
91 100
126 37.3 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 51.237 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 105 Resp: 961815
Ion Ratio Lower Upper
105 100
120 51.7 25.4 76.4

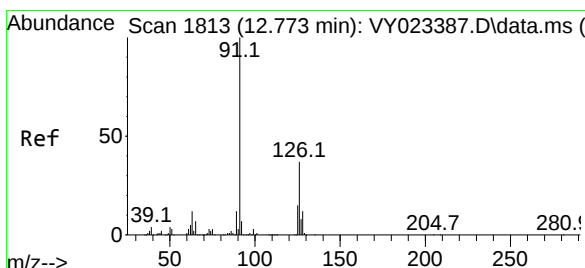
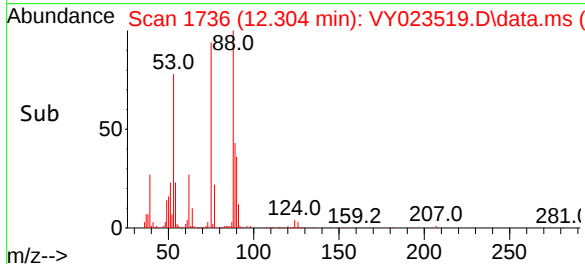
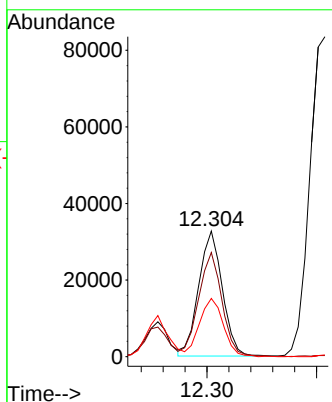
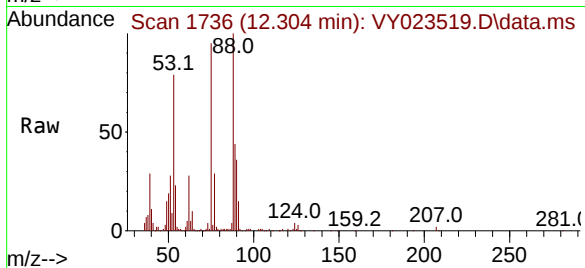




#81
trans-1,4-Dichloro-2-butene
Concen: 38.550 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

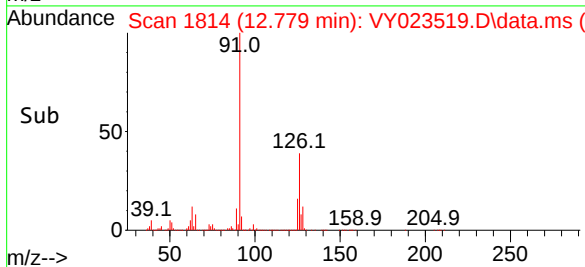
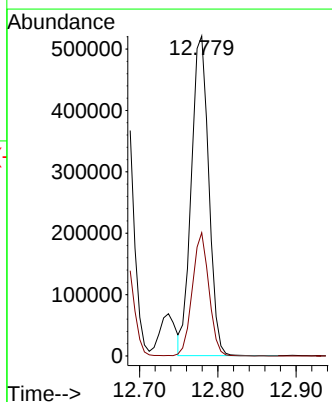
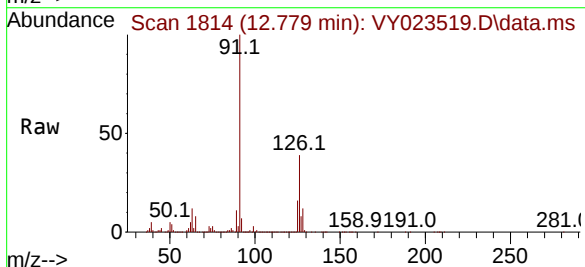
Instrument :
MSVOA_Y
ClientSampleId :

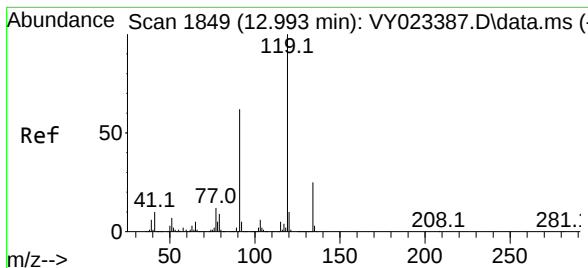
Tgt Ion: 75 Resp: 48892
Ion Ratio Lower Upper
75 100
53 83.6 68.6 102.8
89 47.1 39.0 58.4



#82
4-Chlorotoluene
Concen: 49.589 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 91 Resp: 803961
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4





#83

tert-Butylbenzene

Concen: 51.789 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

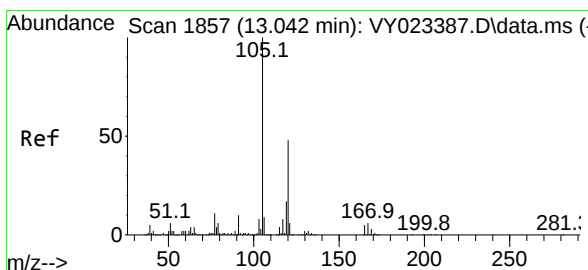
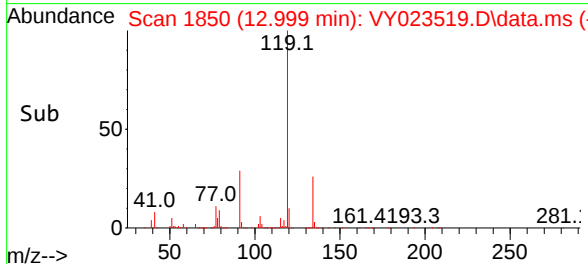
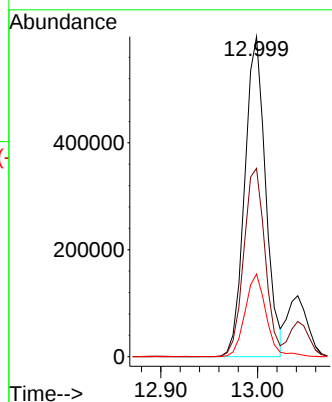
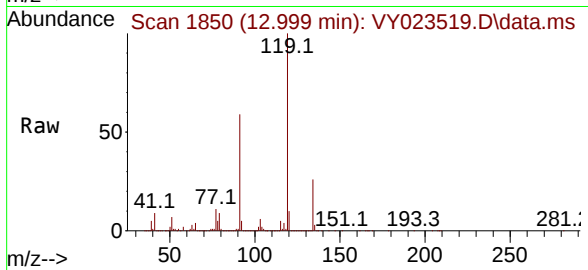
Tgt Ion:119 Resp: 897624

Ion Ratio Lower Upper

119 100

91 60.2 29.9 89.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 50.678 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023519.D

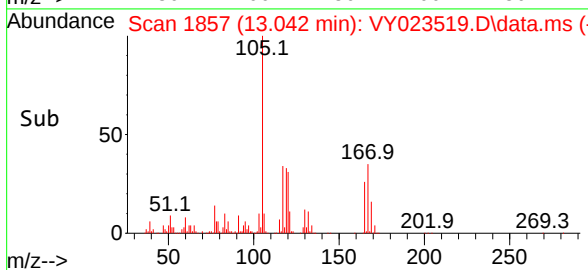
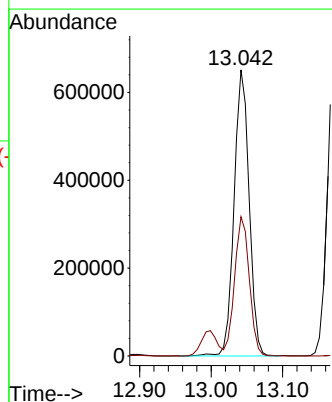
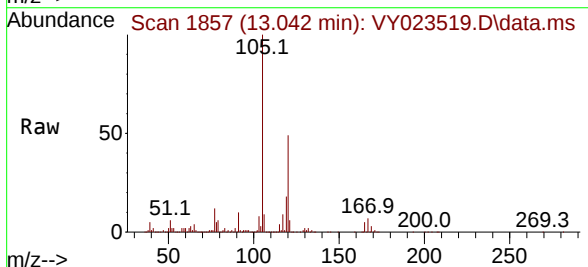
Acq: 20 Oct 2025 19:28

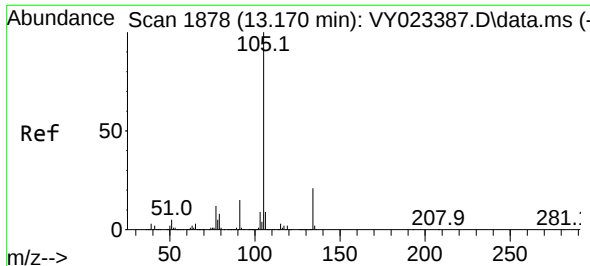
Tgt Ion:105 Resp: 949420

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.2

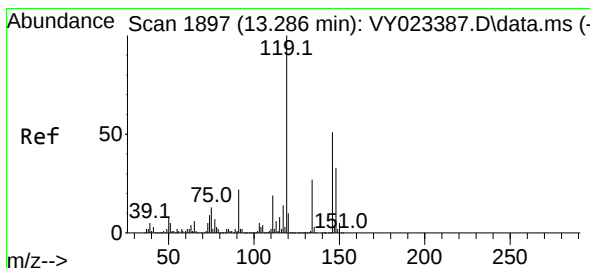
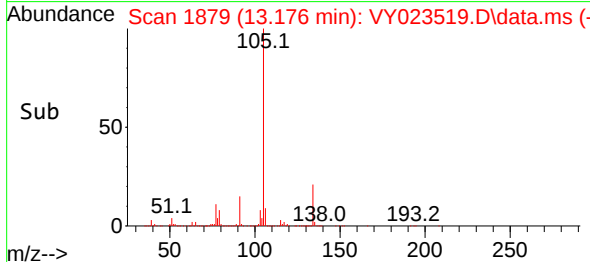
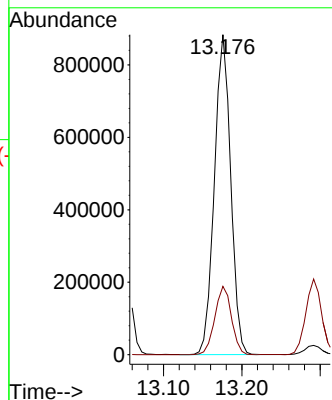
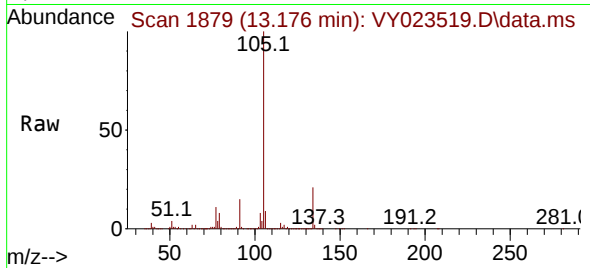




#85
 sec-Butylbenzene
 Concen: 51.389 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

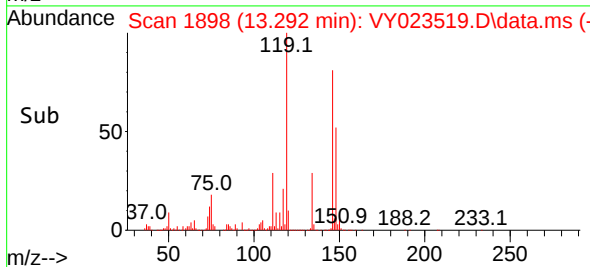
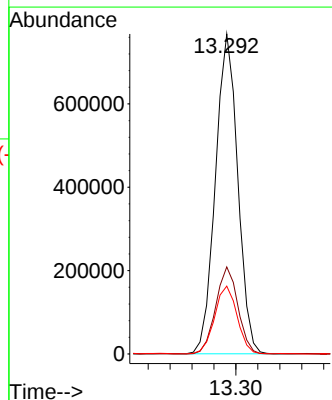
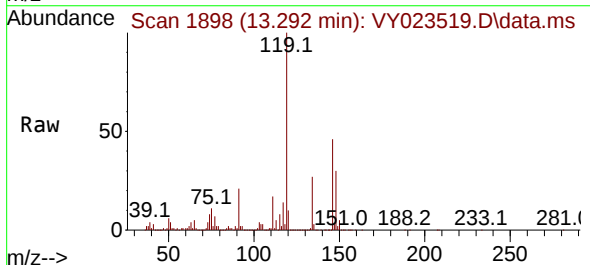
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 1277669
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 51.249 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

Tgt Ion:119 Resp: 1084870
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.4 10.9 32.9

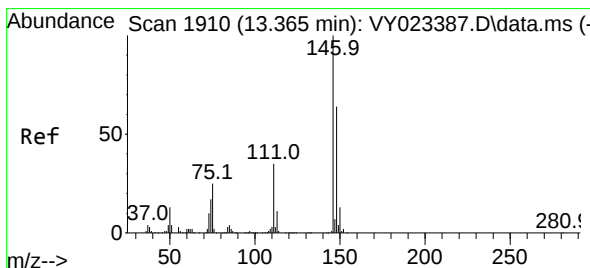
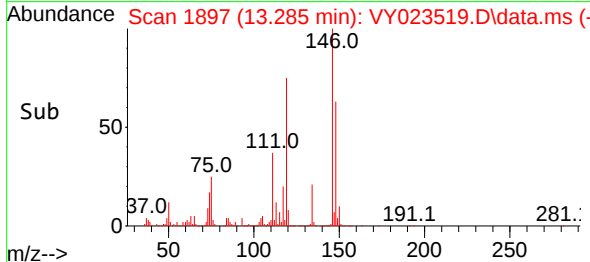
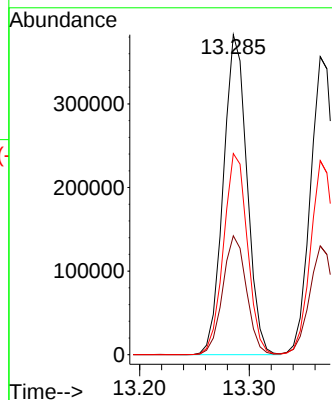
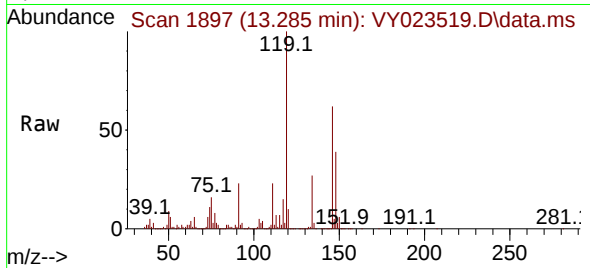




#87
 1,3-Dichlorobenzene
 Concen: 47.739 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

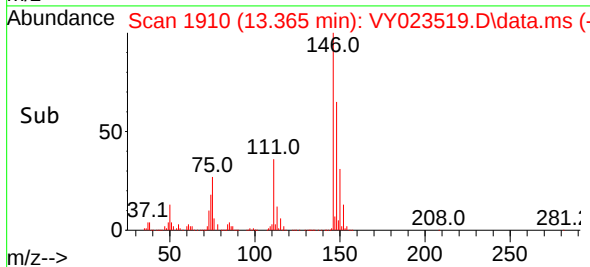
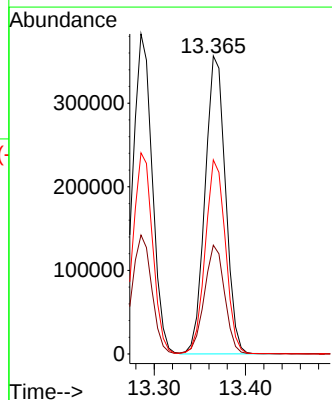
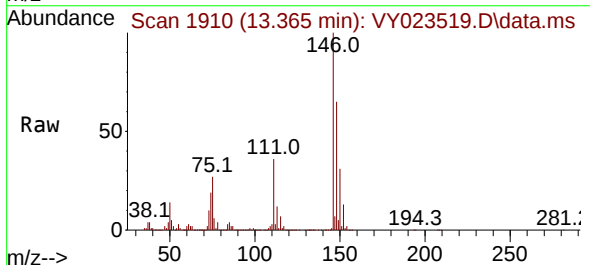
Instrument :
 MSVOA_Y
 ClientSampleId :

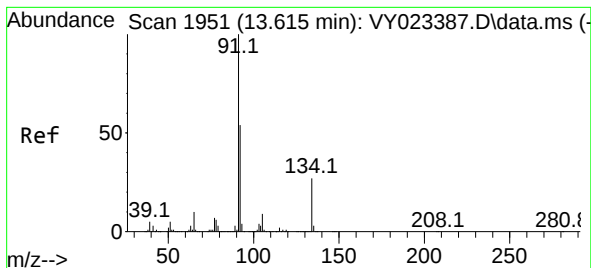
Tgt Ion:146 Resp: 574123
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 63.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 46.385 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

Tgt Ion:146 Resp: 550949
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.0 54.0
 148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 49.961 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

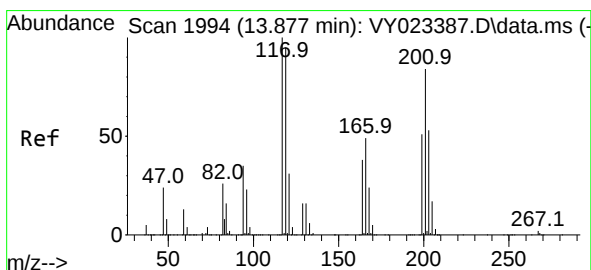
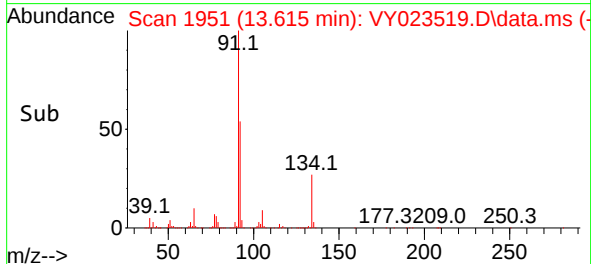
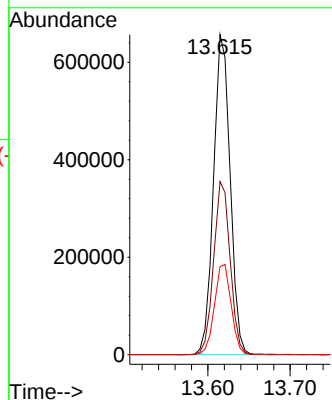
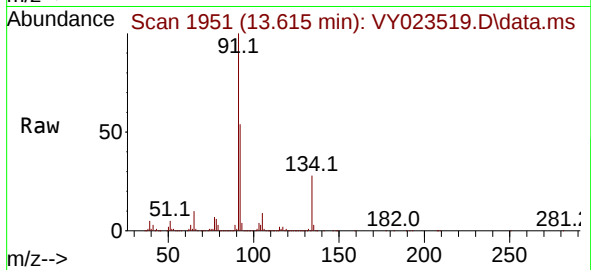
Tgt Ion: 91 Resp: 921538

Ion Ratio Lower Upper

91 100

92 53.9 27.0 80.8

134 28.4 14.1 42.2



#90

Hexachloroethane

Concen: 50.156 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023519.D

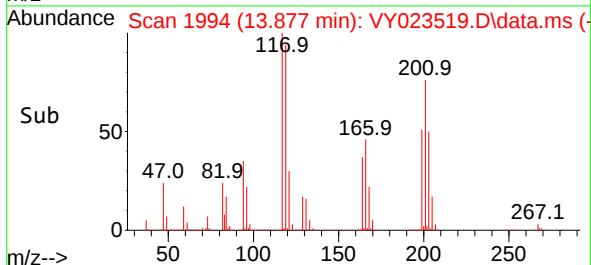
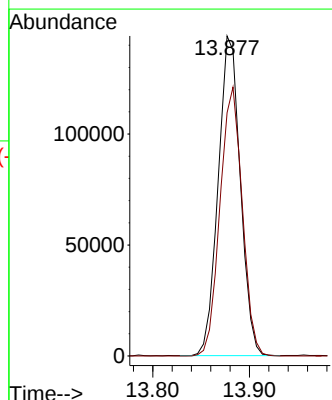
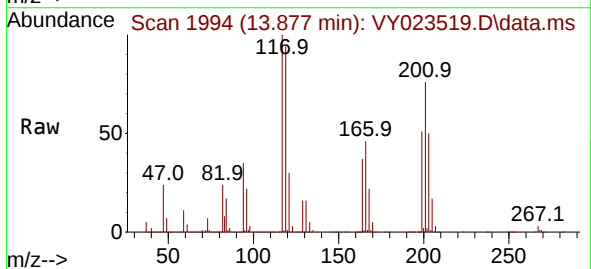
Acq: 20 Oct 2025 19:28

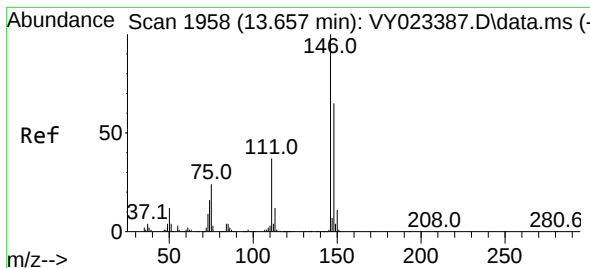
Tgt Ion: 117 Resp: 228363

Ion Ratio Lower Upper

117 100

201 84.5 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 46.234 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

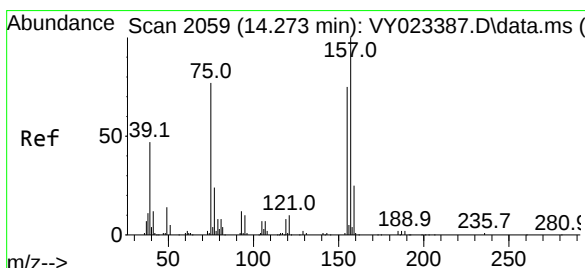
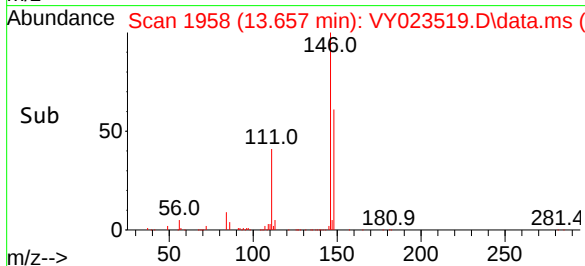
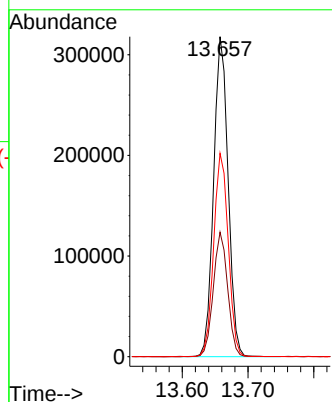
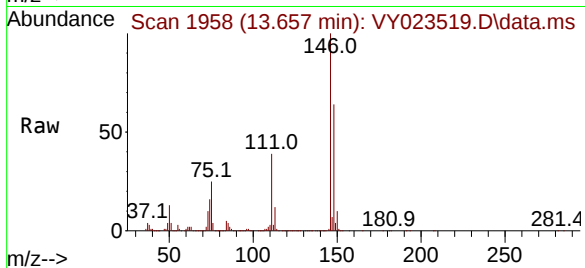
Tgt Ion:146 Resp: 487474

Ion Ratio Lower Upper

146 100

111 38.5 19.0 57.0

148 64.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 37.318 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

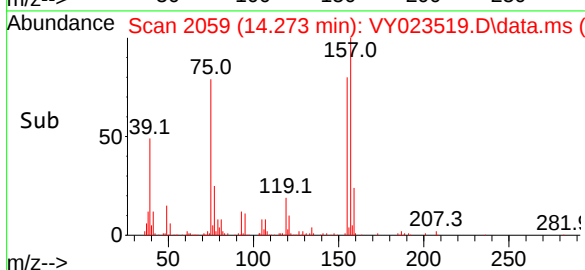
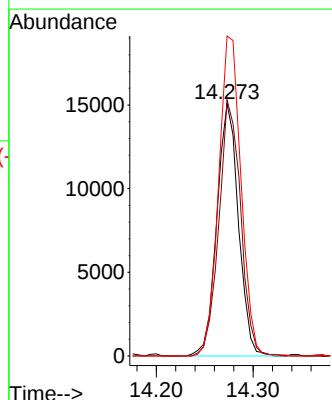
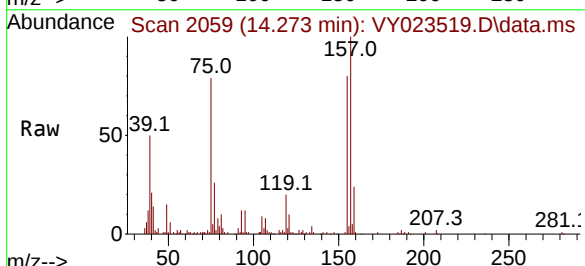
Tgt Ion: 75 Resp: 23265

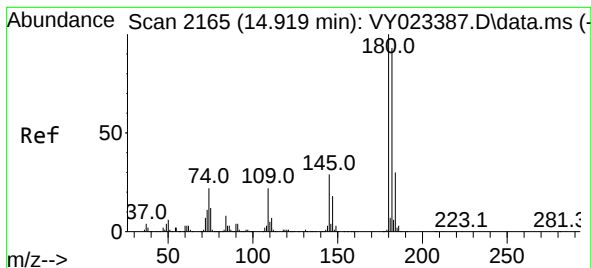
Ion Ratio Lower Upper

75 100

155 102.4 50.0 150.0

157 131.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 43.854 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

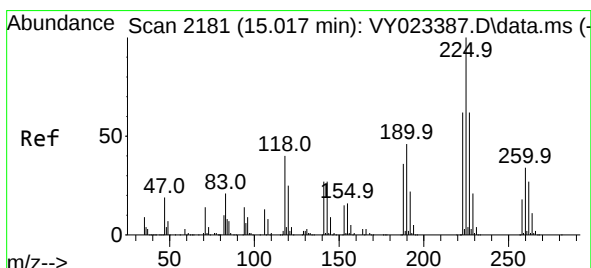
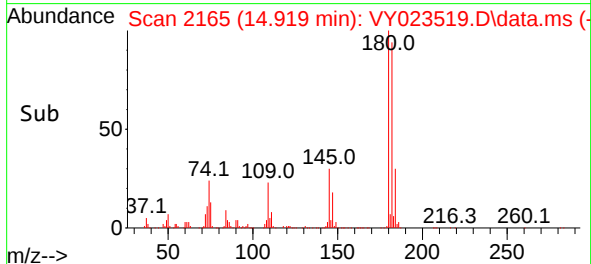
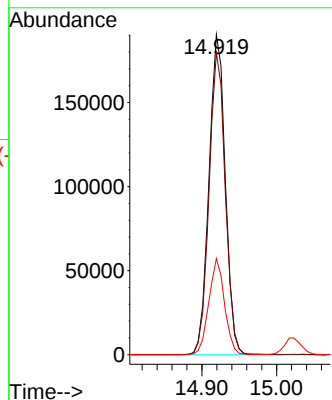
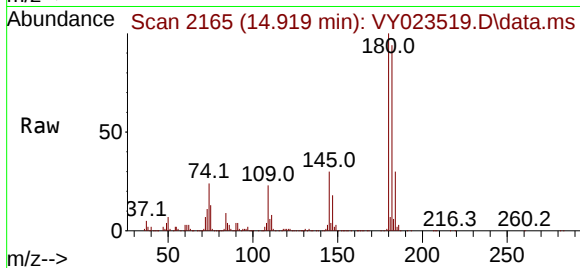
Tgt Ion:180 Resp: 288261

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.6

145 28.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 45.162 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

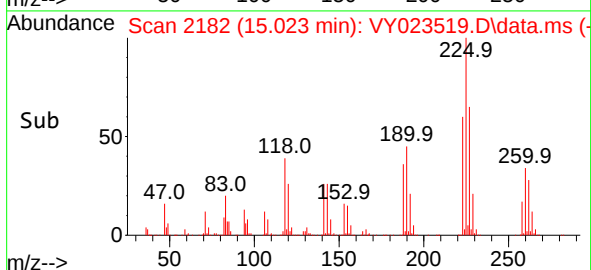
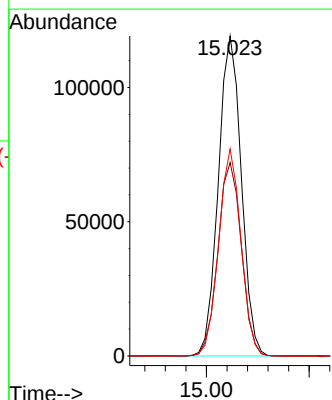
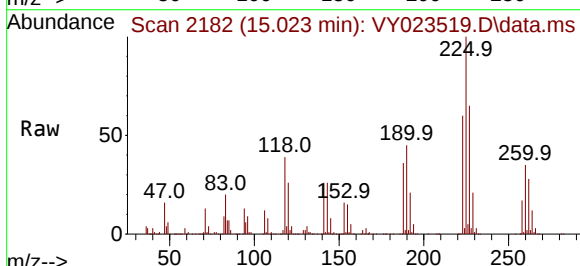
Tgt Ion:225 Resp: 185051

Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

227 62.8 31.9 95.7





#95

Naphthalene

Concen: 40.153 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

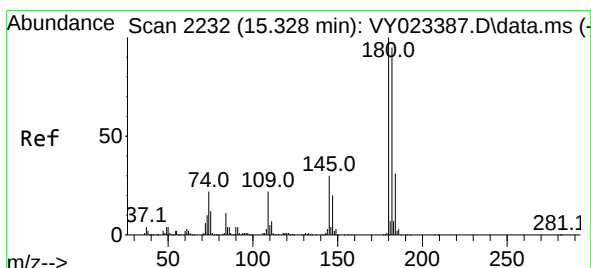
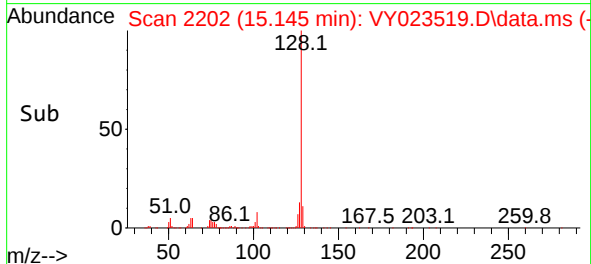
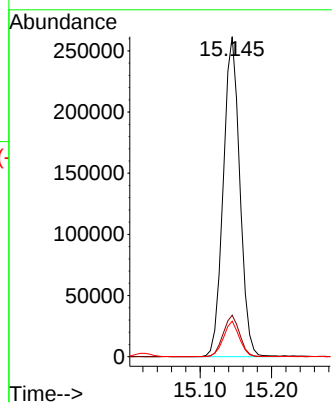
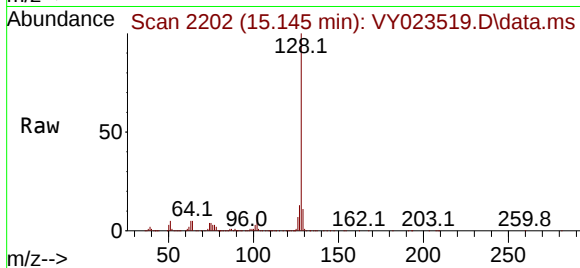
Tgt Ion:128 Resp: 420290

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 42.393 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion:180 Resp: 241365

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 30.9 15.3 45.9

