

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
 Data File : VY023521.D
 Acq On : 21 Oct 2025 09:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 01:20:49 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	499961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	698196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	642915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	341616	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	203881	48.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.640	113	231392	53.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.880%
50) Toluene-d8	10.109	98	850239	53.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.408	95	283018	53.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	161266	44.813	ug/l	99
3) Chloromethane	2.074	50	225042	45.905	ug/l	98
4) Vinyl Chloride	2.208	62	302535	47.380	ug/l	98
5) Bromomethane	2.599	94	256539	47.876	ug/l	99
6) Chloroethane	2.739	64	223248	51.292	ug/l	98
7) Trichlorofluoromethane	3.062	101	441619	49.812	ug/l	100
8) Diethyl Ether	3.458	74	116040	50.089	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	245222	53.302	ug/l	100
10) Methyl Iodide	4.013	142	289234	56.473	ug/l	100
11) Tert butyl alcohol	4.848	59	86251	277.313	ug/l	97
12) 1,1-Dichloroethene	3.793	96	227578	51.029	ug/l	97
13) Acrolein	3.653	56	37204	84.654	ug/l	97
14) Allyl chloride	4.391	41	261207	48.058	ug/l	97
15) Acrylonitrile	5.062	53	233934	263.862	ug/l	99
16) Acetone	3.867	43	282507	283.840	ug/l	100
17) Carbon Disulfide	4.110	76	629852	49.345	ug/l	99
18) Methyl Acetate	4.385	43	151375	57.978	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	557973	52.056	ug/l	97
20) Methylene Chloride	4.616	84	254490	47.285	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	259786	52.909	ug/l	97
22) Diisopropyl ether	6.025	45	622406	51.770	ug/l	98
23) Vinyl Acetate	5.964	43	1615658	248.276	ug/l	96
24) 1,1-Dichloroethane	5.921	63	420141	52.756	ug/l	98
25) 2-Butanone	6.897	43	310606	255.620	ug/l	99
26) 2,2-Dichloropropane	6.890	77	391432	53.566	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	307121	54.150	ug/l	96
28) Bromochloromethane	7.250	49	134434	45.218	ug/l	95
29) Tetrahydrofuran	7.262	42	171000	248.167	ug/l	94
30) Chloroform	7.427	83	479911	54.848	ug/l	100
31) Cyclohexane	7.707	56	321670	46.252	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	429628	54.031	ug/l	100
36) 1,1-Dichloropropene	7.841	75	318835	56.137	ug/l	100
37) Ethyl Acetate	6.988	43	120965	53.760	ug/l	99
38) Carbon Tetrachloride	7.823	117	392576	57.004	ug/l	98
39) Methylcyclohexane	9.110	83	396680	53.642	ug/l	100
40) Benzene	8.085	78	1010667	56.189	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	56462	46.396	ug/l #	88
42) 1,2-Dichloroethane	8.159	62	251229	54.158	ug/l	98
43) Isopropyl Acetate	8.201	43	231909	51.687	ug/l #	85
44) Trichloroethene	8.866	130	294037	55.852	ug/l	99
45) 1,2-Dichloropropane	9.140	63	223488	56.253	ug/l	98
46) Dibromomethane	9.232	93	146935	58.489	ug/l	98
47) Bromodichloromethane	9.427	83	364567	57.621	ug/l	98
48) Methyl methacrylate	9.225	41	110852	52.590	ug/l	94
49) 1,4-Dioxane	9.225	88	30619	1051.234	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	649884	280.345	ug/l	99
52) Toluene	10.170	92	675233	57.818	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	307992	55.984	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	366195	56.399	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	198692	58.815	ug/l	95
56) Ethyl methacrylate	10.439	69	222590	57.121	ug/l	97
57) 1,3-Dichloropropane	10.719	76	307111	57.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	488816	280.014	ug/l	99
59) 2-Hexanone	10.762	43	472202	285.033	ug/l	99
60) Dibromochloromethane	10.914	129	281057	59.341	ug/l	100
61) 1,2-Dibromoethane	11.018	107	187844	58.304	ug/l	100
64) Tetrachloroethene	10.646	164	369674	55.688	ug/l	99
65) Chlorobenzene	11.445	112	759409	54.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	280381	56.268	ug/l	99
67) Ethyl Benzene	11.518	91	1261040	55.713	ug/l	99
68) m/p-Xylenes	11.627	106	1027756	113.207	ug/l	99
69) o-Xylene	11.957	106	475420	55.830	ug/l	99
70) Styrene	11.969	104	810694	57.893	ug/l	99
71) Bromoform	12.133	173	173149	56.019	ug/l #	98
73) Isopropylbenzene	12.255	105	1243608	55.240	ug/l	100
74) N-amyl acetate	12.072	43	202085	49.976	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	195187	53.009	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	264205	87.660	ug/l #	100
77) Bromobenzene	12.530	156	324603	54.235	ug/l	99
78) n-propylbenzene	12.597	91	1457896	55.961	ug/l	99
79) 2-Chlorotoluene	12.682	91	830894	54.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1026971	56.451	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61955	50.407	ug/l	99
82) 4-Chlorotoluene	12.780	91	868701	55.289	ug/l	100
83) tert-Butylbenzene	12.999	119	937982	55.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1024486	56.428	ug/l	100
85) sec-Butylbenzene	13.176	105	1359841	56.437	ug/l	100
86) p-Isopropyltoluene	13.292	119	1176613	57.354	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	644461	55.296	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	619278	53.800	ug/l	100
89) n-Butylbenzene	13.615	91	1006298	56.295	ug/l	99
90) Hexachloroethane	13.877	117	238499	54.052	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	558110	54.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29948	49.569	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	335488	52.665	ug/l	99
94) Hexachlorobutadiene	15.023	225	215262	54.210	ug/l	100
95) Naphthalene	15.145	128	523602	51.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	288040	52.203	ug/l	99

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ClientSampleId :
VSTDCCC050

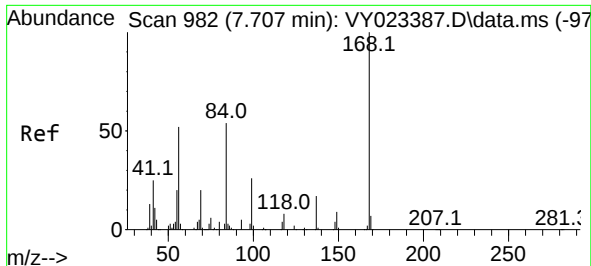
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

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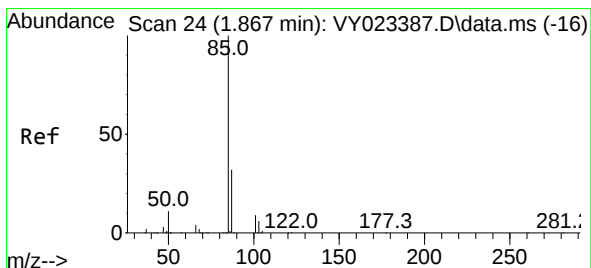
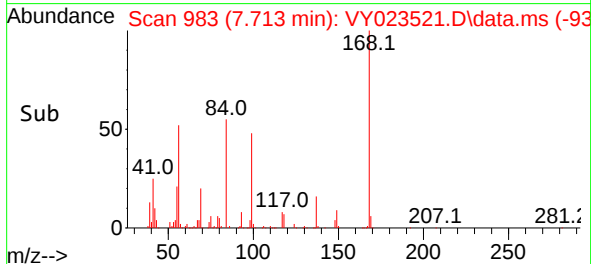
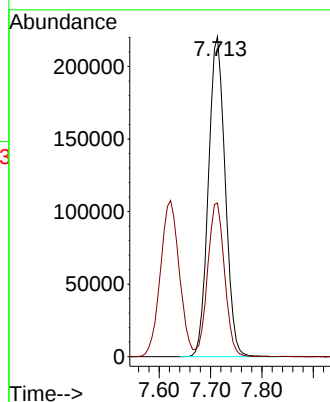
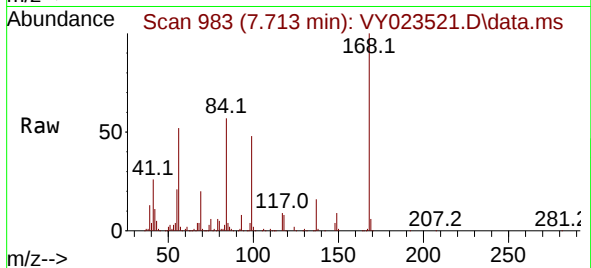




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

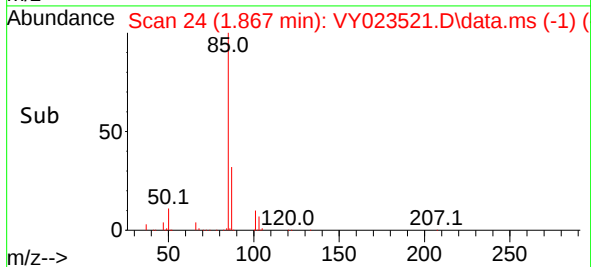
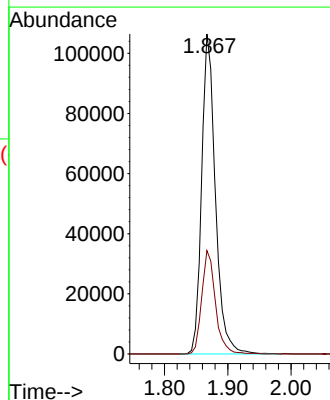
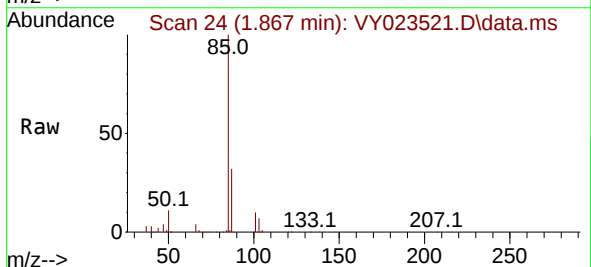
Instrument :
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VSTDCCC050

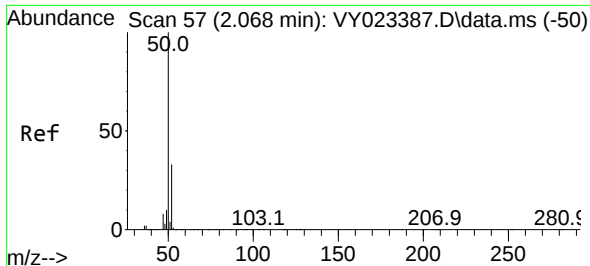
Tgt Ion:168 Resp: 499961
Ion Ratio Lower Upper
168 100
99 47.9 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 44.813 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 85 Resp: 161266
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9

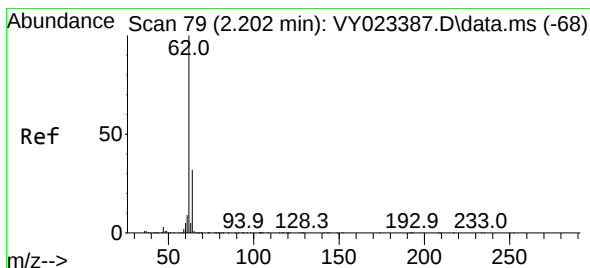
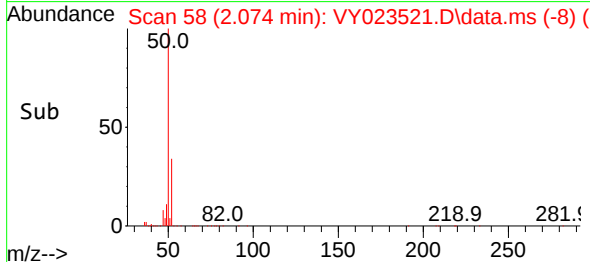
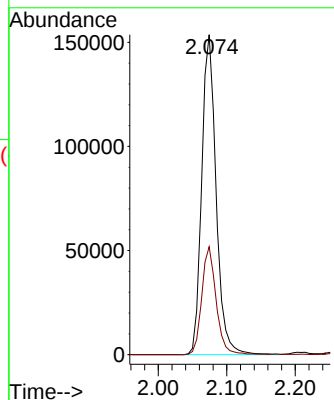
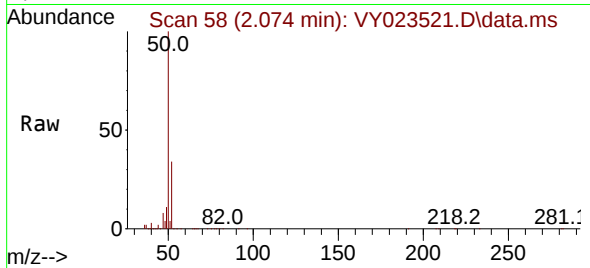




#3
Chloromethane
Concen: 45.905 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

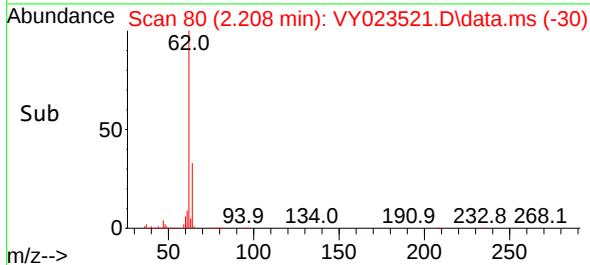
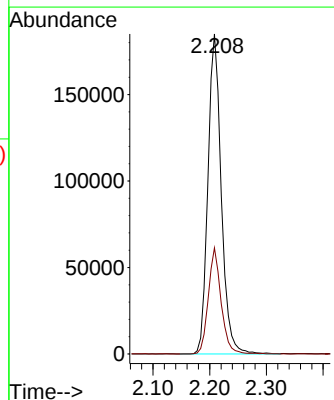
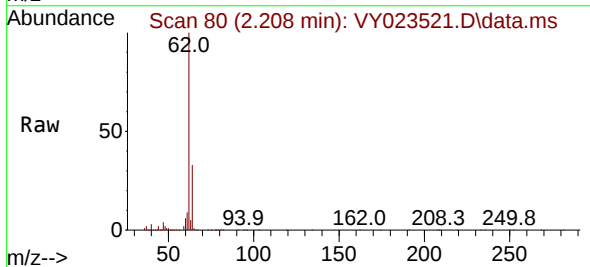
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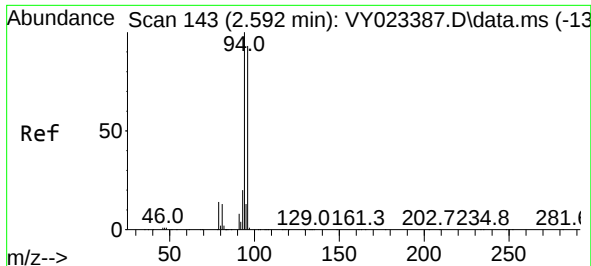
Tgt Ion: 50 Resp: 225042
Ion Ratio Lower Upper
50 100
52 33.8 26.2 39.2



#4
Vinyl Chloride
Concen: 47.380 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 62 Resp: 302535
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.8

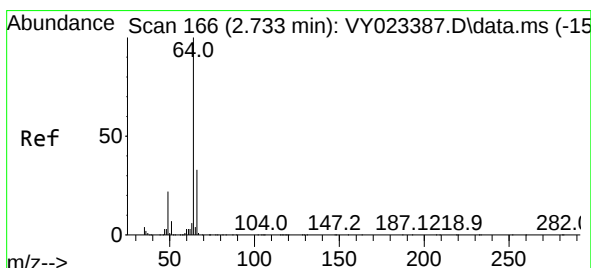
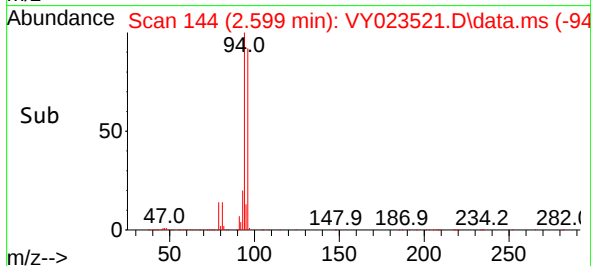
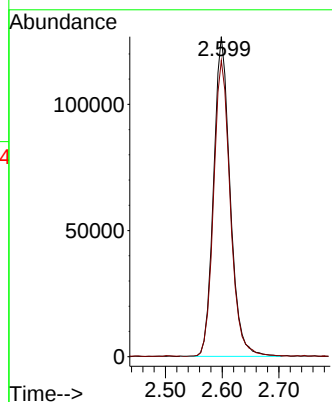
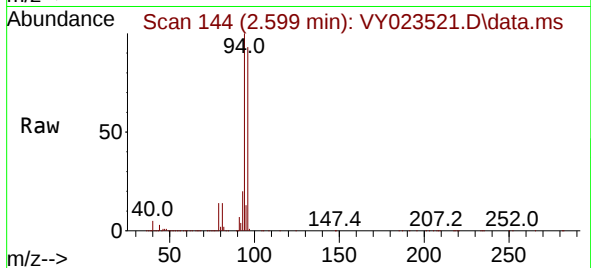




#5
Bromomethane
Concen: 47.876 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

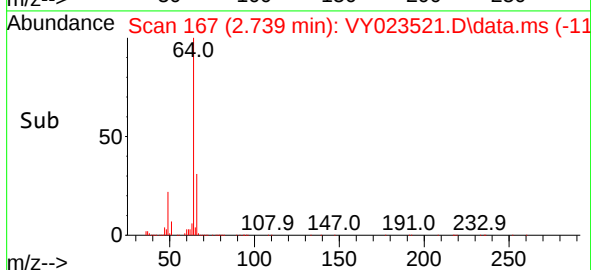
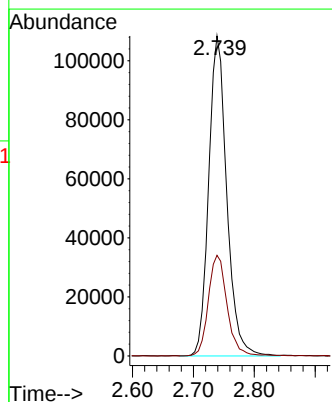
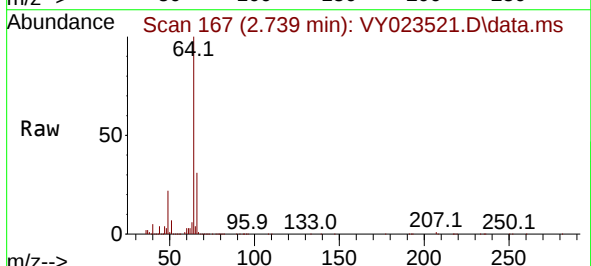
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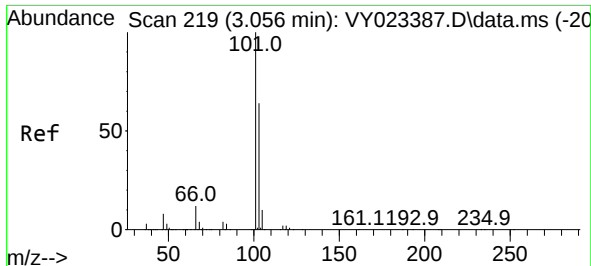
Tgt Ion: 94 Resp: 256539
Ion Ratio Lower Upper
94 100
96 92.4 74.5 111.7



#6
Chloroethane
Concen: 51.292 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 64 Resp: 223248
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4

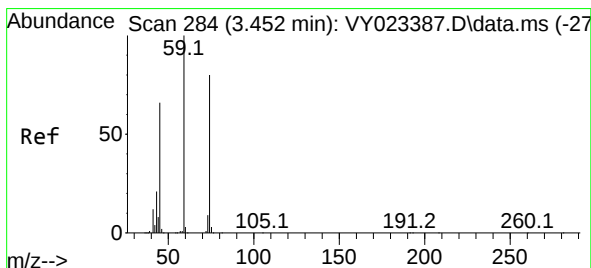
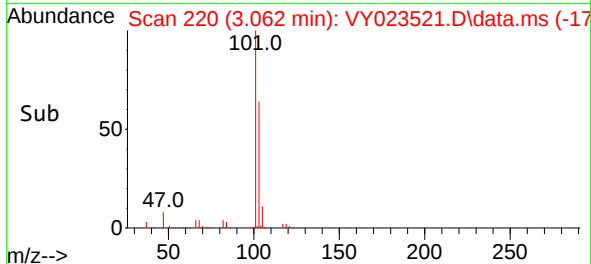
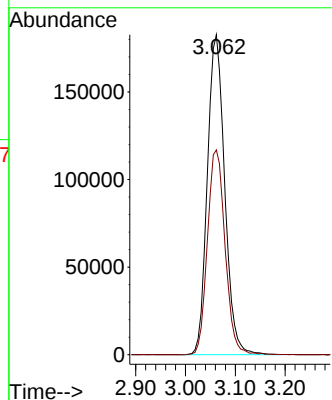
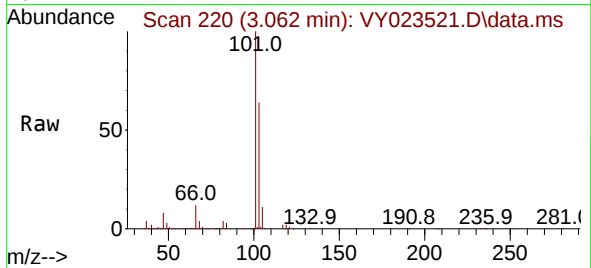




#7
 Trichlorofluoromethane
 Concen: 49.812 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

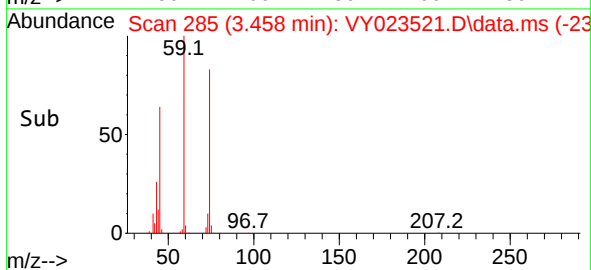
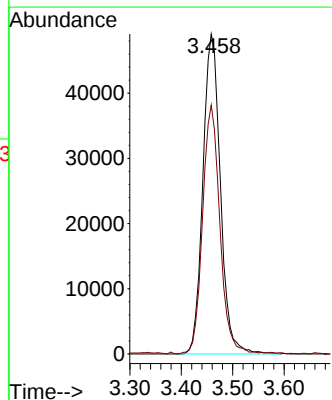
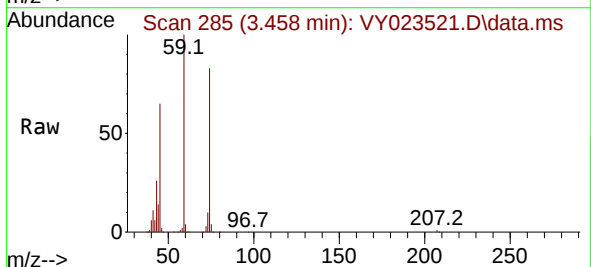
Instrument :
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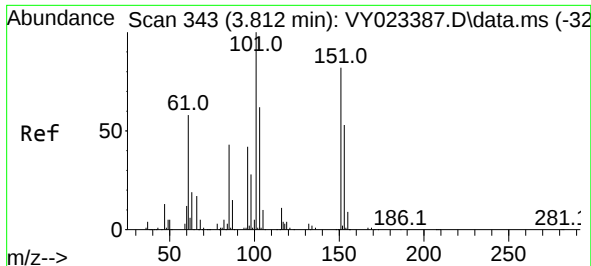
Tgt Ion:101 Resp: 441619
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.3 76.9



#8
 Diethyl Ether
 Concen: 50.089 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023521.D
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Tgt Ion: 74 Resp: 116040
 Ion Ratio Lower Upper
 74 100
 45 77.2 39.9 119.7

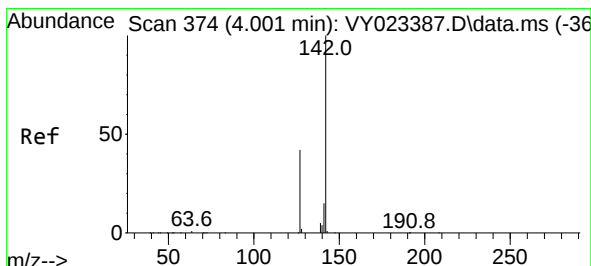
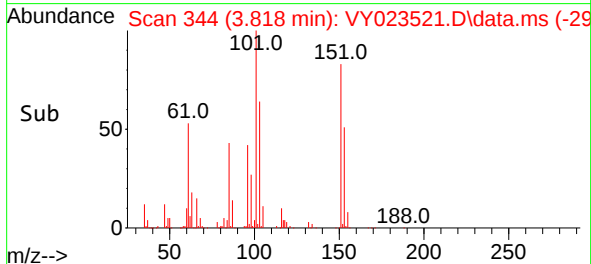
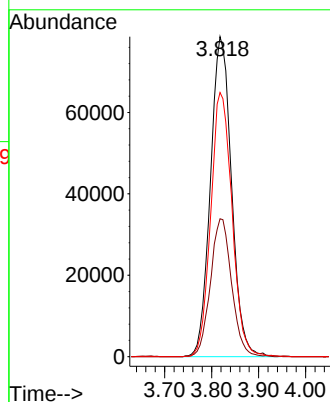
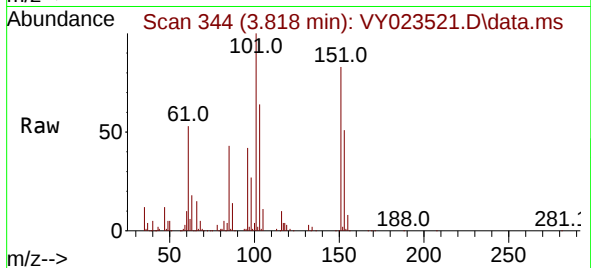




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.302 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023521.D
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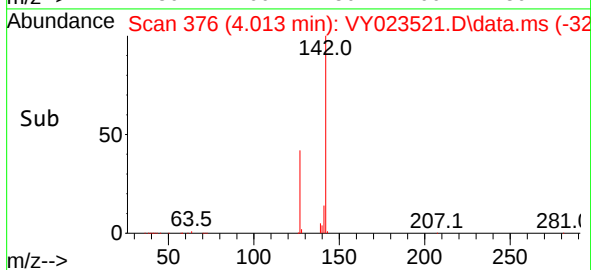
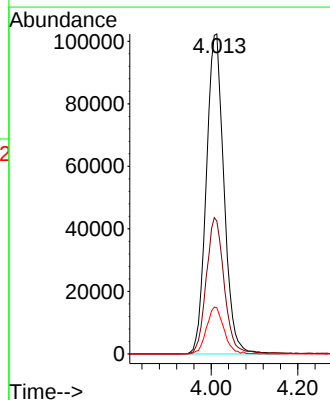
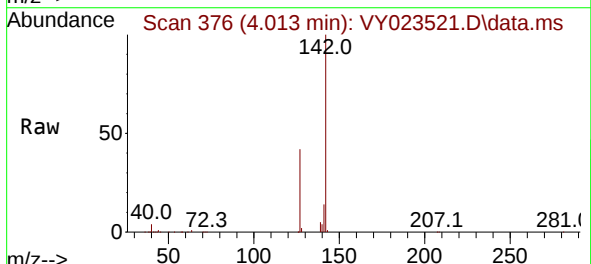
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

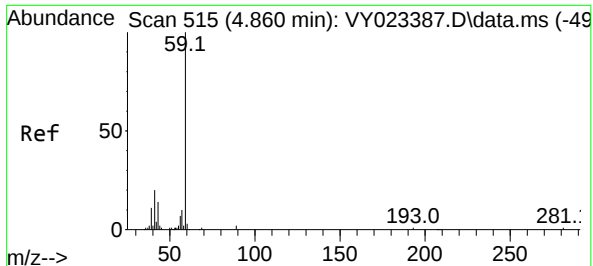
Tgt Ion:101 Resp: 245222
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 83.4 67.0 100.6



#10
Methyl Iodide
Concen: 56.473 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion:142 Resp: 289234
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 277.313 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

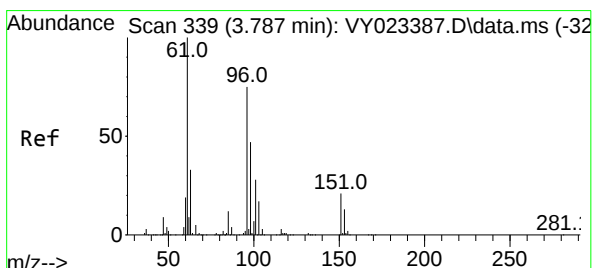
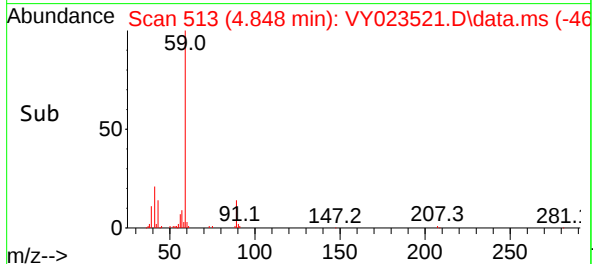
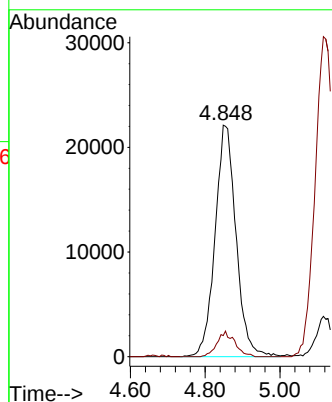
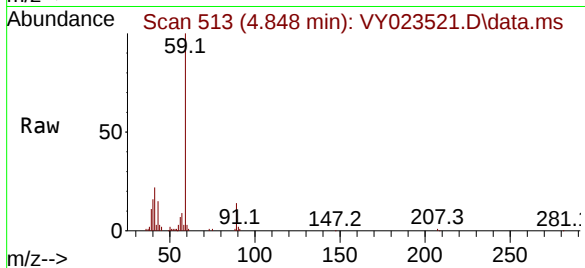
VSTDCCC050

Tgt Ion: 59 Resp: 86251

Ion Ratio Lower Upper

59 100

57 9.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 51.029 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

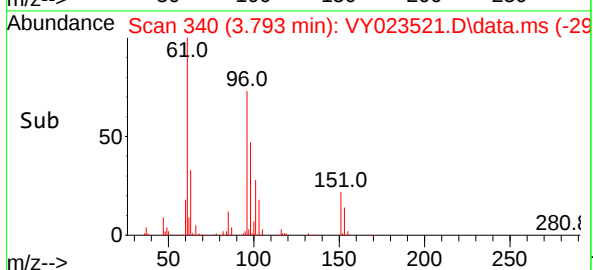
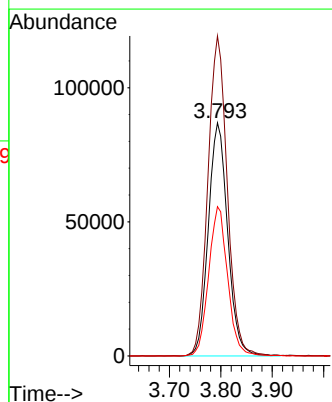
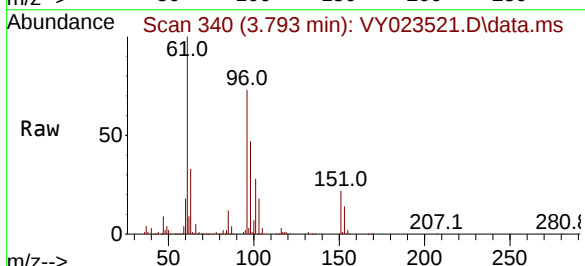
Tgt Ion: 96 Resp: 227578

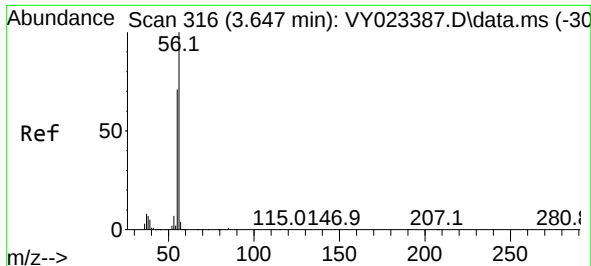
Ion Ratio Lower Upper

96 100

61 137.2 106.7 160.1

98 64.0 50.2 75.4

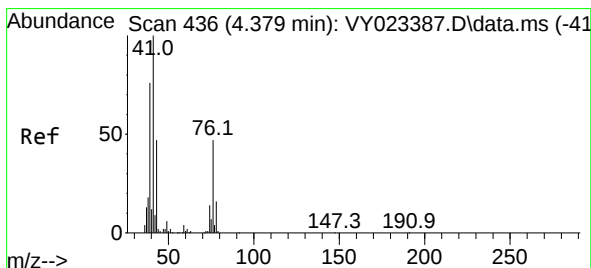
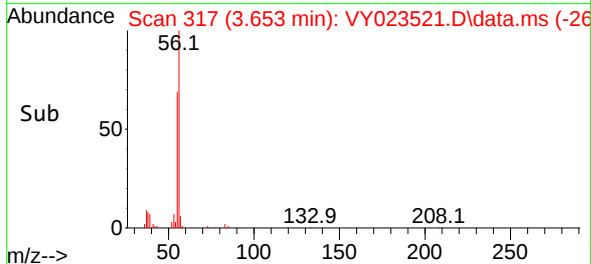
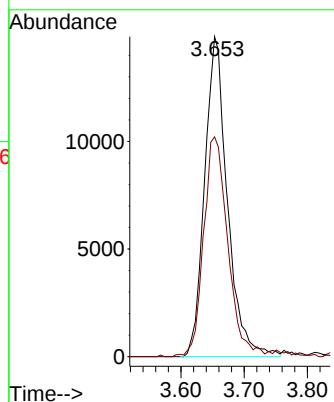
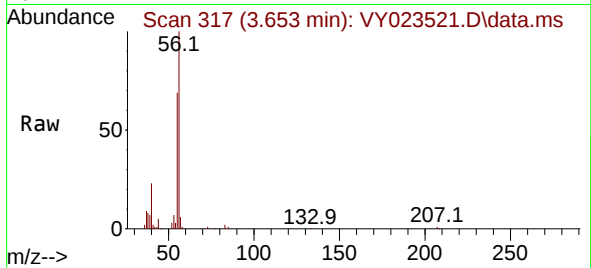




#13
Acrolein
Concen: 84.654 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

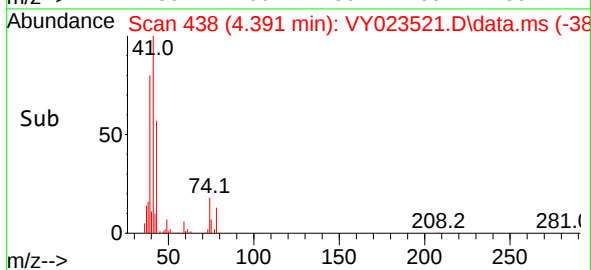
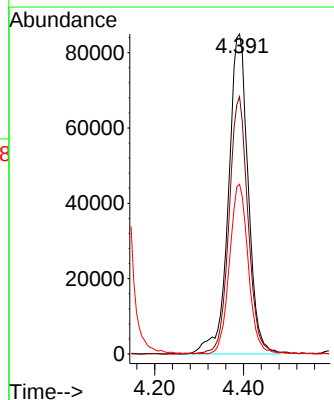
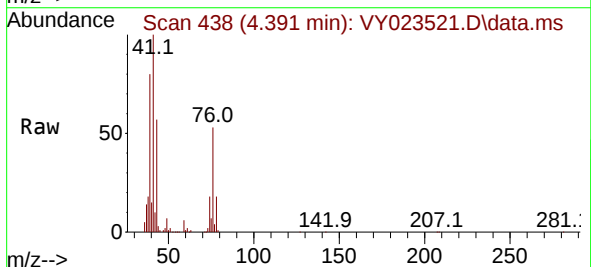
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

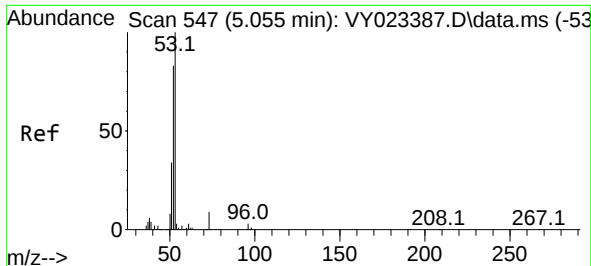
Tgt Ion: 56 Resp: 37204
Ion Ratio Lower Upper
56 100
55 72.9 56.1 84.1



#14
Allyl chloride
Concen: 48.058 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 41 Resp: 261207
Ion Ratio Lower Upper
41 100
39 77.4 59.9 89.9
76 50.3 38.0 57.0

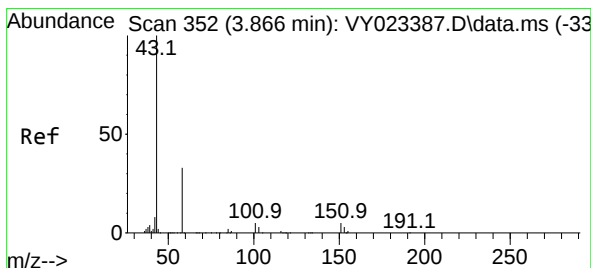
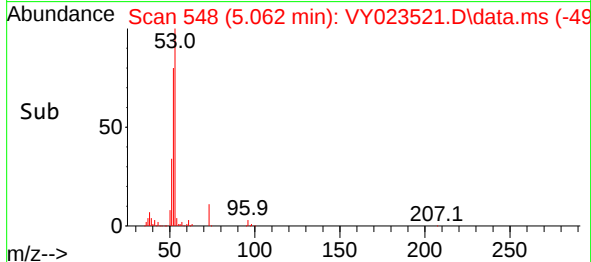
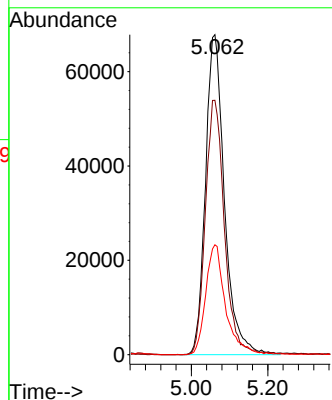
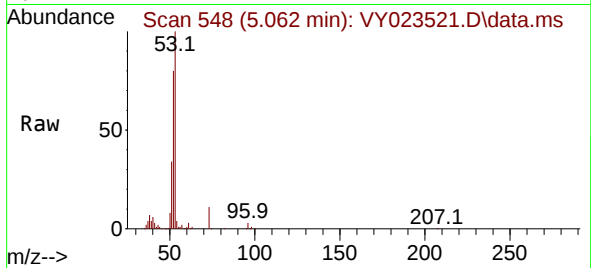




#15
Acrylonitrile
Concen: 263.862 ug/l
RT: 5.062 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

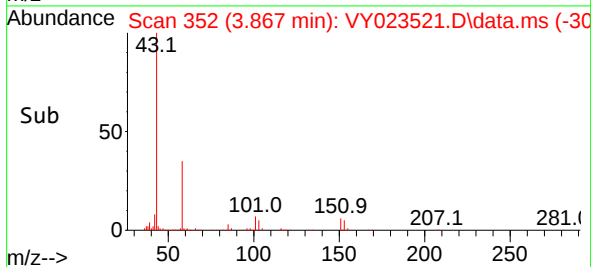
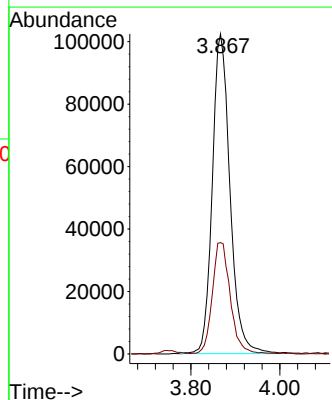
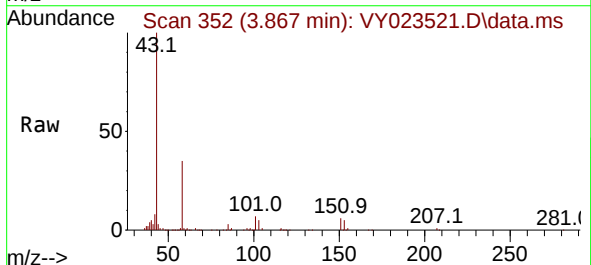
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

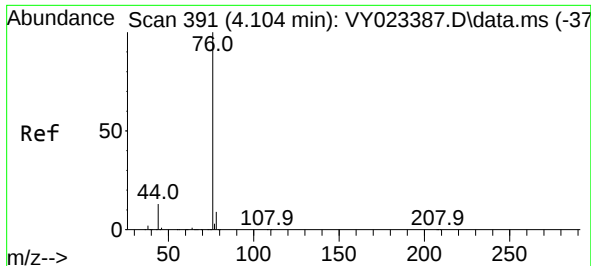
Tgt Ion: 53 Resp: 233934
Ion Ratio Lower Upper
53 100
52 79.4 64.6 97.0
51 36.1 29.5 44.3



#16
Acetone
Concen: 283.840 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 43 Resp: 282507
Ion Ratio Lower Upper
43 100
58 34.7 27.7 41.5

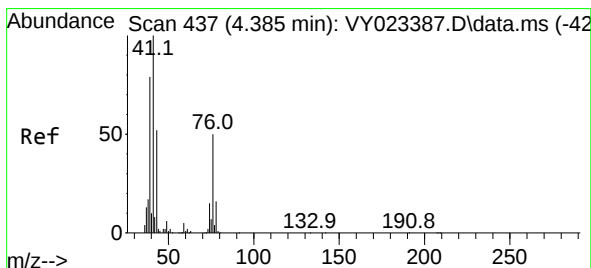
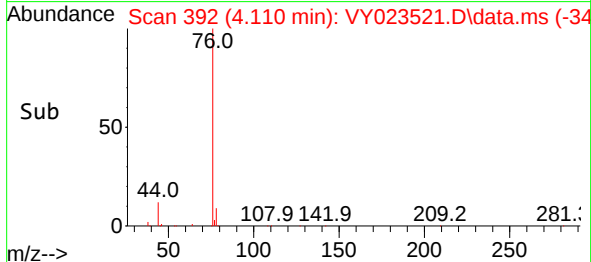
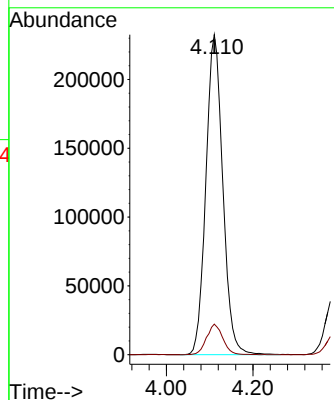
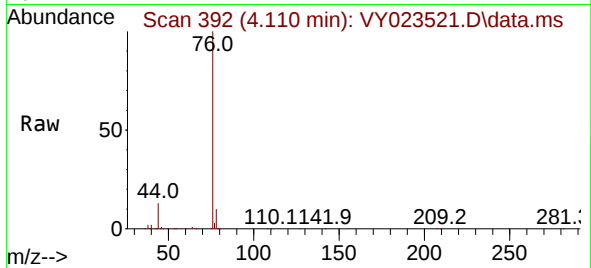




#17
Carbon Disulfide
Concen: 49.345 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

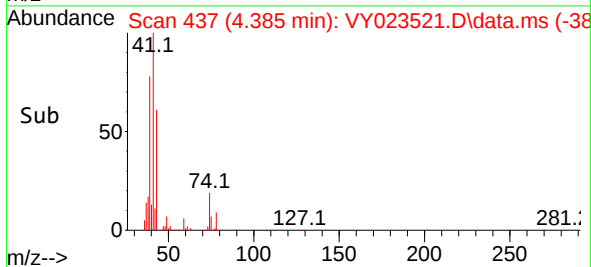
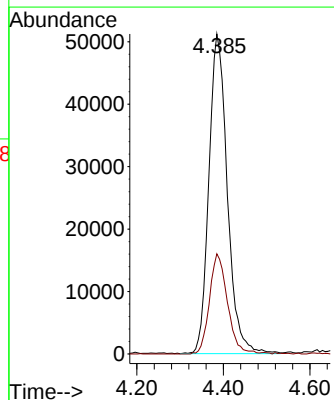
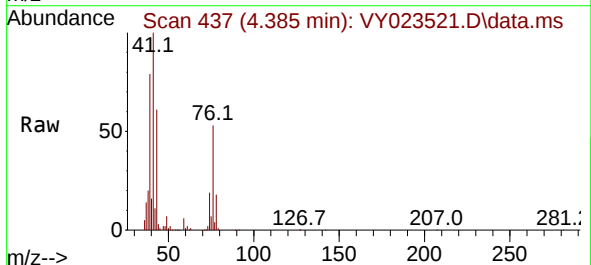
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

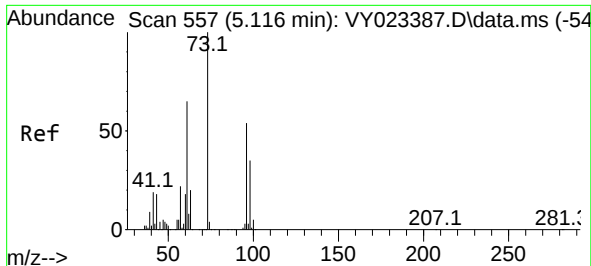
Tgt Ion: 76 Resp: 629852
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 57.978 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 43 Resp: 151375
Ion Ratio Lower Upper
43 100
74 30.5 24.2 36.4

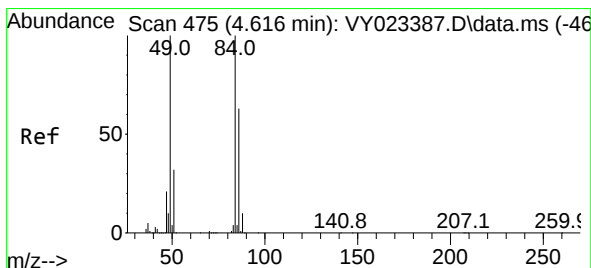
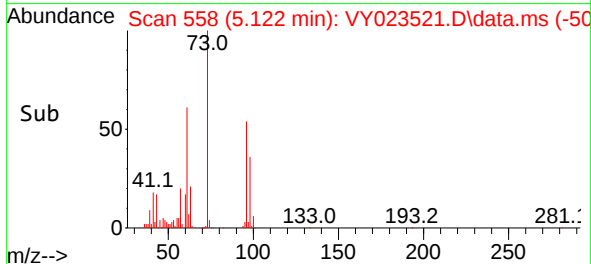
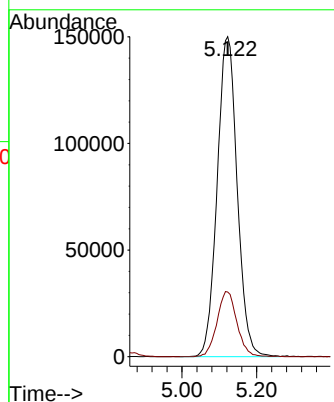
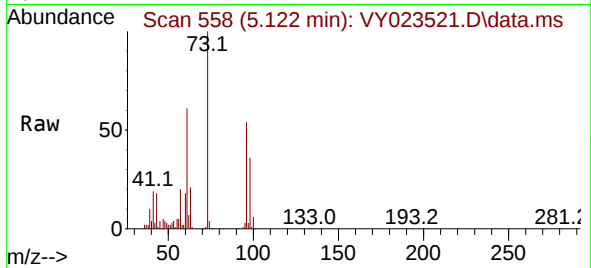




#19
Methyl tert-butyl Ether
Concen: 52.056 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

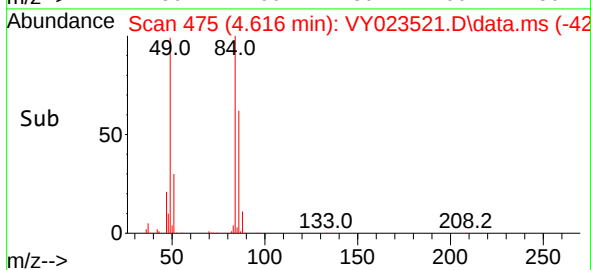
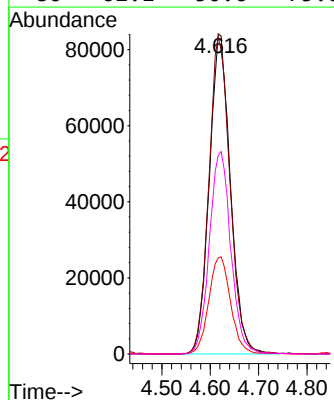
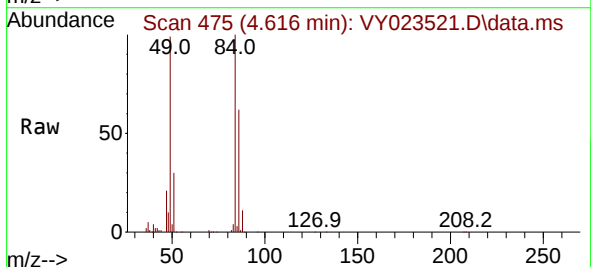
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

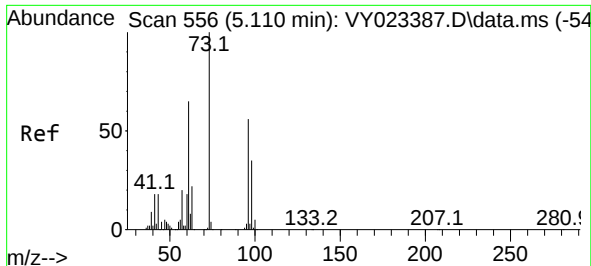
Tgt Ion: 73 Resp: 557973
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0



#20
Methylene Chloride
Concen: 47.285 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 84 Resp: 254490
Ion Ratio Lower Upper
84 100
49 99.2 80.2 120.4
51 30.0 25.9 38.9
86 62.1 50.6 75.8

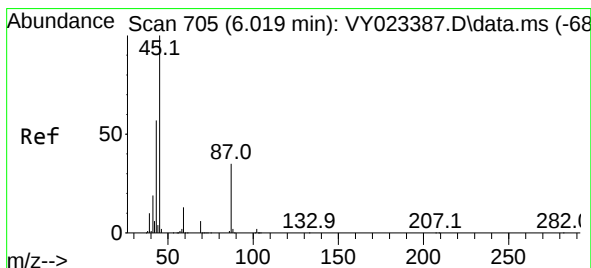
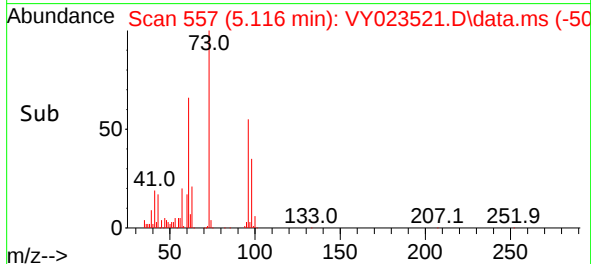
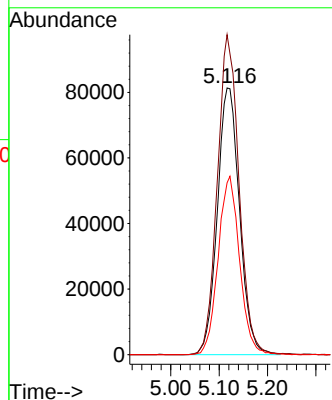
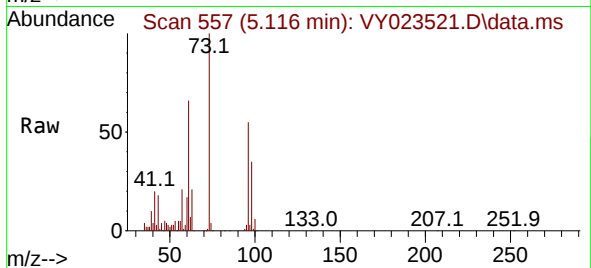




#21
trans-1,2-Dichloroethene
Concen: 52.909 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

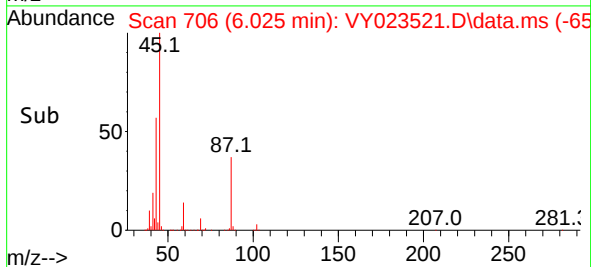
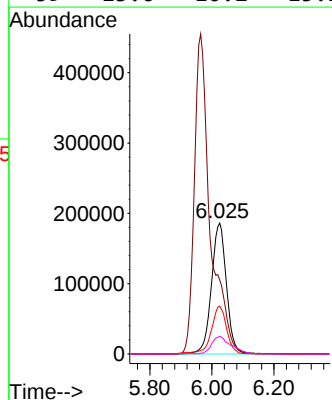
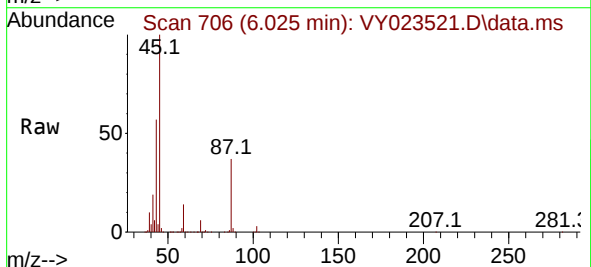
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

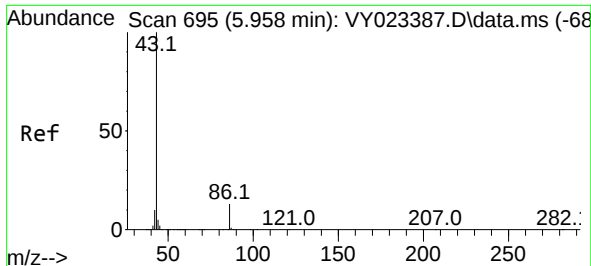
Tgt Ion: 96 Resp: 259786
Ion Ratio Lower Upper
96 100
61 120.0 92.7 139.1
98 64.4 49.7 74.5



#22
Diisopropyl ether
Concen: 51.770 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 45 Resp: 622406
Ion Ratio Lower Upper
45 100
43 56.3 45.6 68.4
87 36.6 28.1 42.1
59 13.6 10.2 15.2

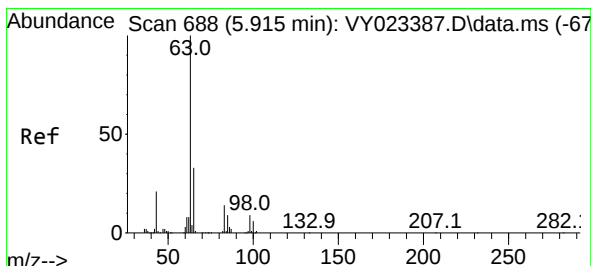
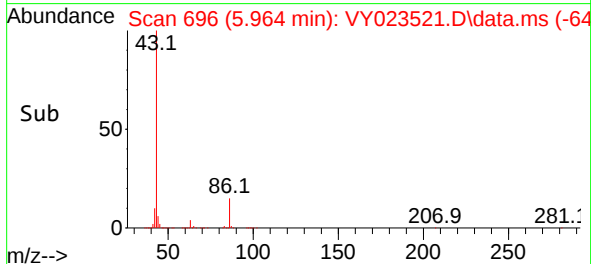
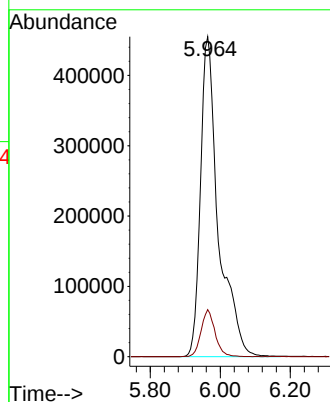
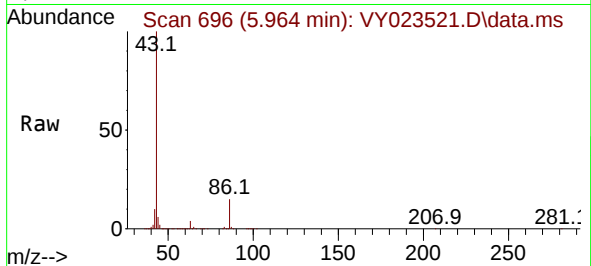




#23
 Vinyl Acetate
 Concen: 248.276 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

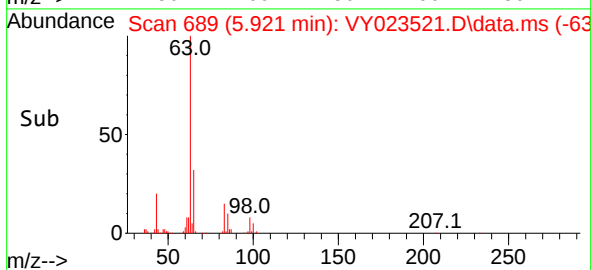
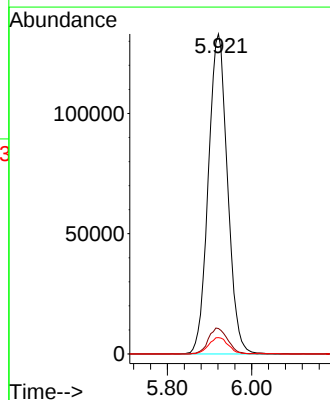
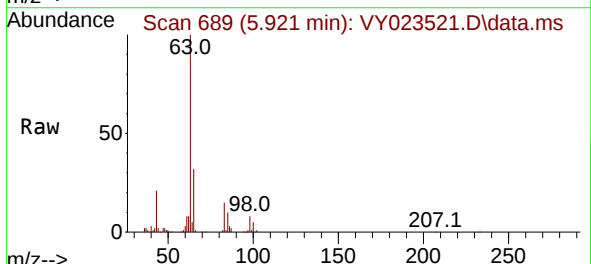
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

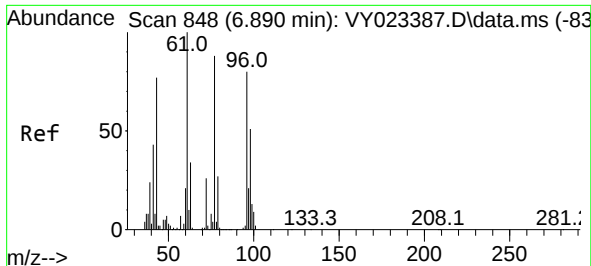
Tgt Ion: 43 Resp: 1615658
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 52.756 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

Tgt Ion: 63 Resp: 420141
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.3 13.1
 100 5.1 2.8 8.4





#25

2-Butanone

Concen: 255.620 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

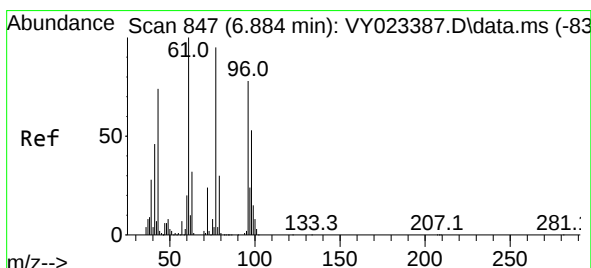
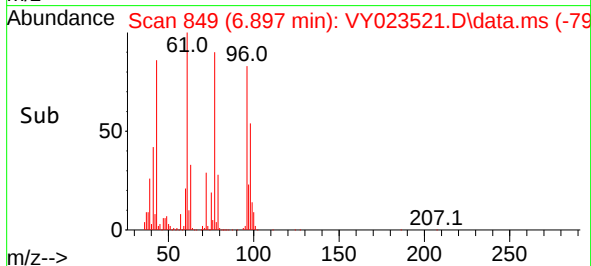
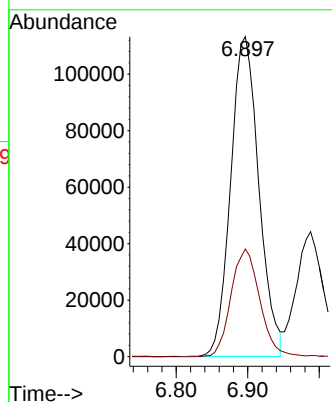
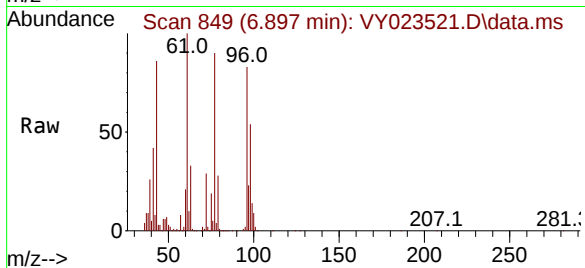
VSTDCCC050

Tgt Ion: 43 Resp: 310606

Ion Ratio Lower Upper

43 100

72 33.6 27.4 41.2



#26

2,2-Dichloropropane

Concen: 53.566 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023521.D

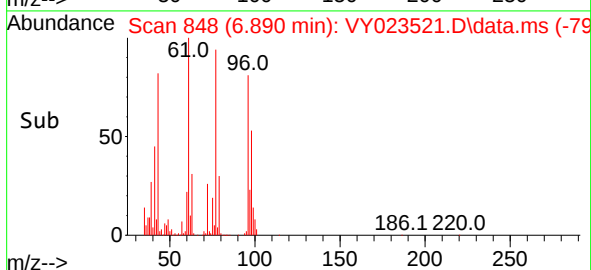
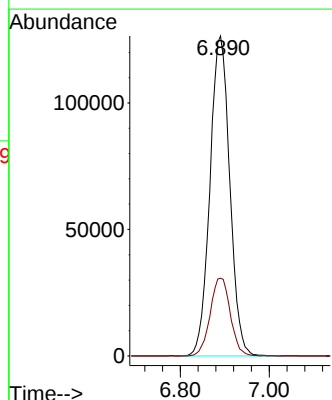
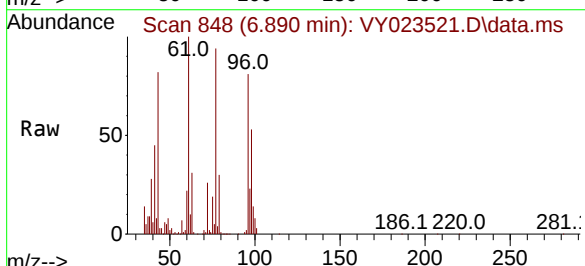
Acq: 21 Oct 2025 09:05

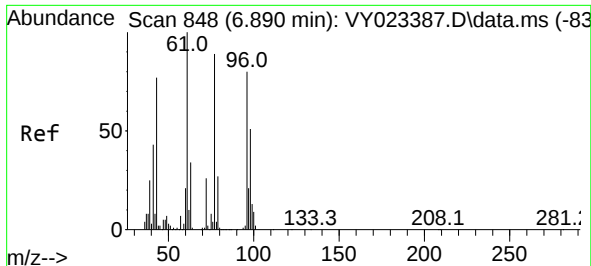
Tgt Ion: 77 Resp: 391432

Ion Ratio Lower Upper

77 100

97 24.7 12.1 36.3

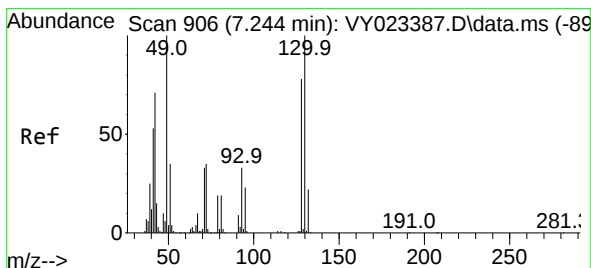
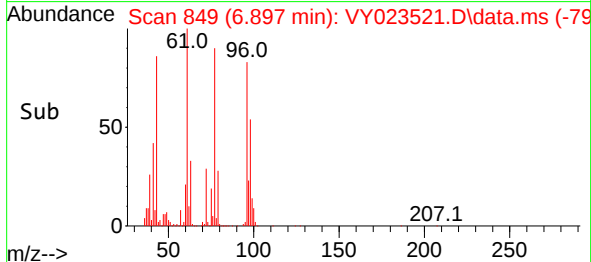
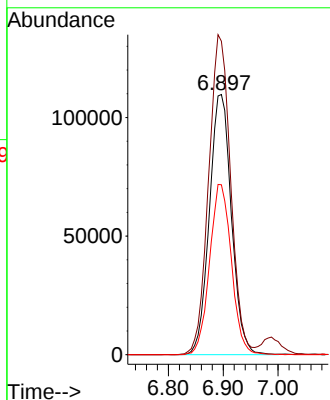
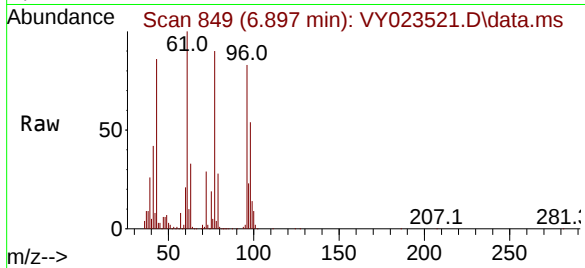




#27
 cis-1,2-Dichloroethene
 Concen: 54.150 ug/l
 RT: 6.897 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

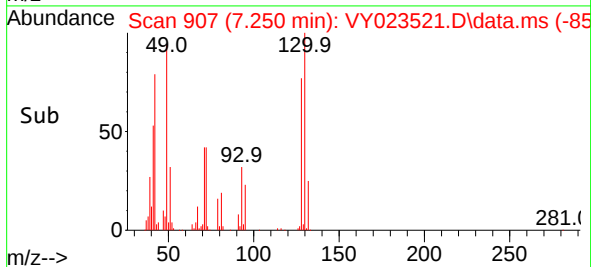
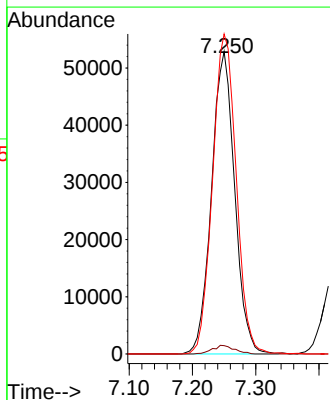
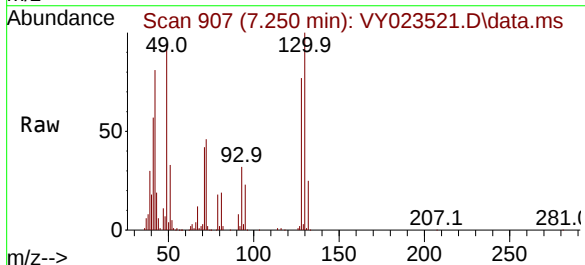
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

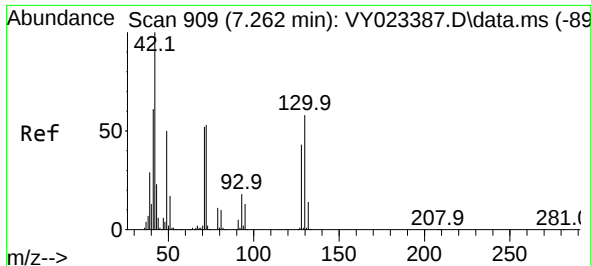
Tgt Ion: 96 Resp: 307121
 Ion Ratio Lower Upper
 96 100
 61 122.6 0.0 258.2
 98 64.6 0.0 132.0



#28
 Bromochloromethane
 Concen: 45.218 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

Tgt Ion: 49 Resp: 134434
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 107.8 81.9 122.9





#29

Tetrahydrofuran

Concen: 248.167 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

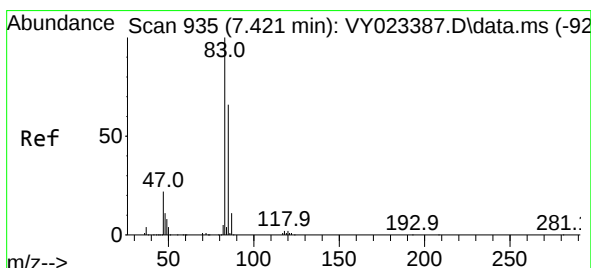
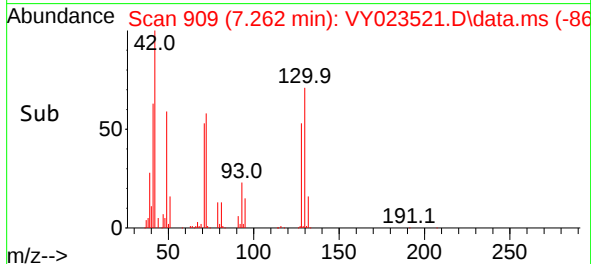
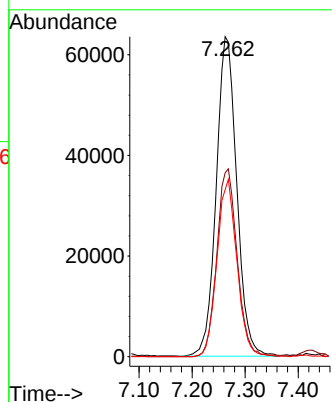
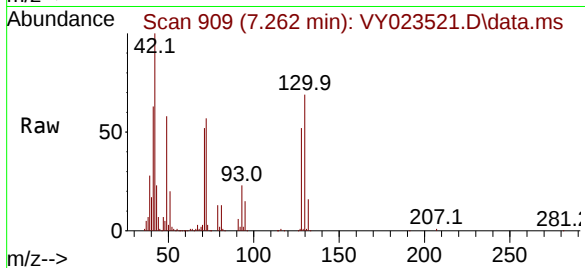
Tgt Ion: 42 Resp: 171000

Ion Ratio Lower Upper

42 100

72 58.1 43.0 64.6

71 54.0 40.1 60.1



#30

Chloroform

Concen: 54.848 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023521.D

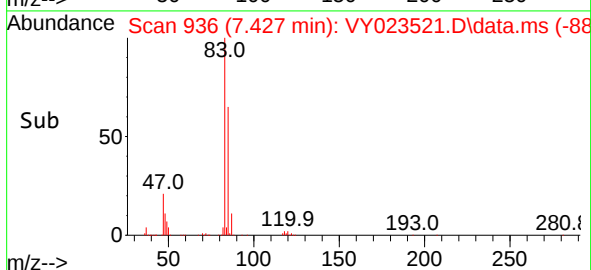
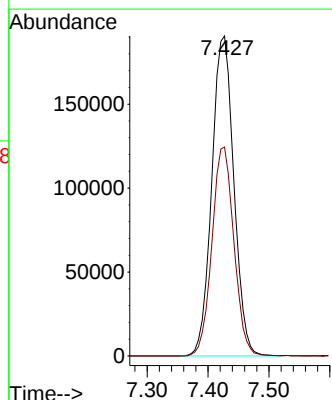
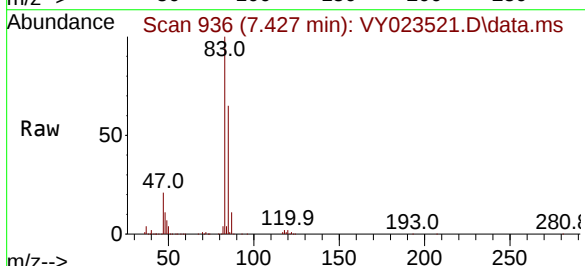
Acq: 21 Oct 2025 09:05

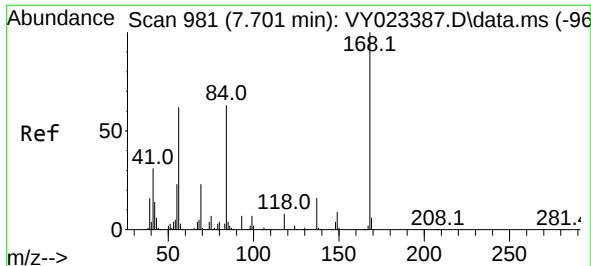
Tgt Ion: 83 Resp: 479911

Ion Ratio Lower Upper

83 100

85 65.3 52.5 78.7

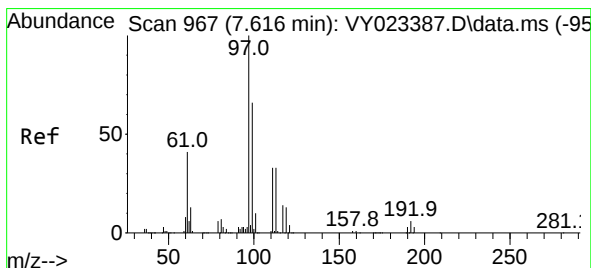
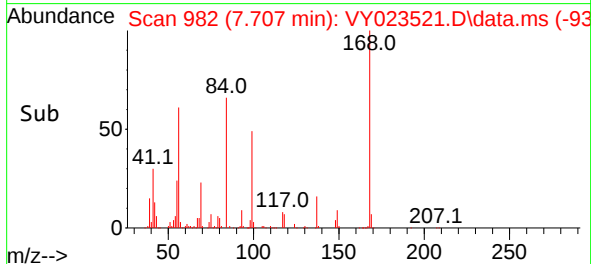
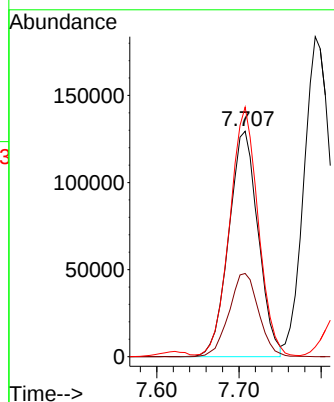
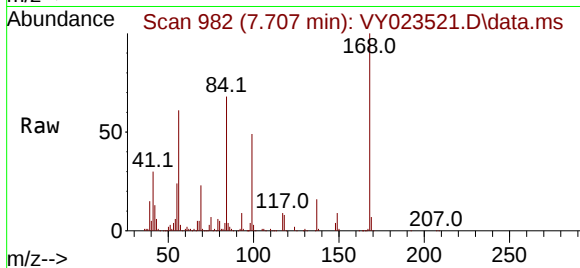




#31
Cyclohexane
Concen: 46.252 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

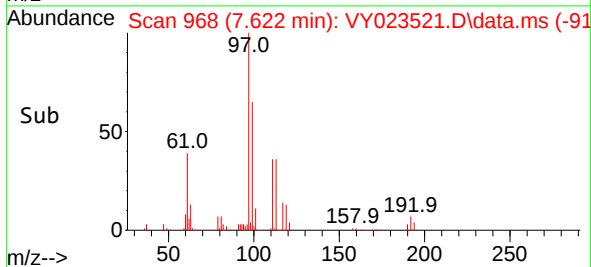
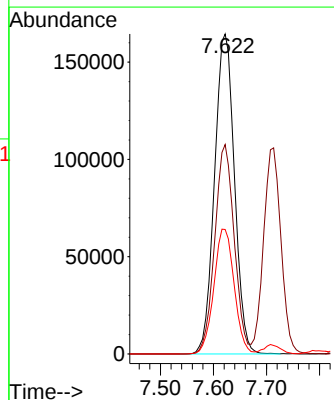
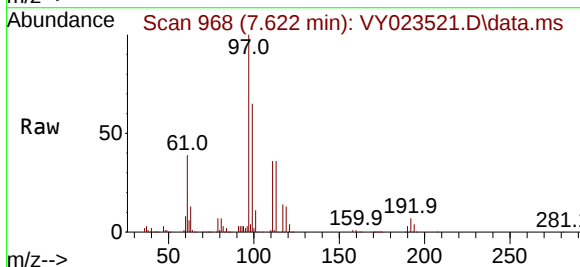
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

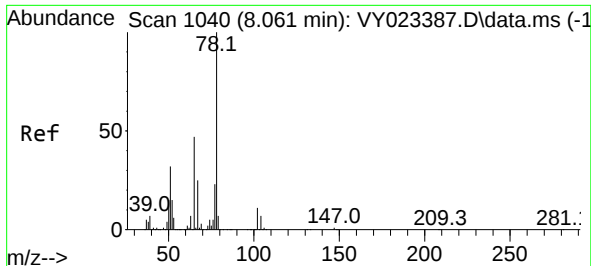
Tgt Ion: 56 Resp: 321670
Ion Ratio Lower Upper
56 100
69 36.9 30.0 45.0
84 108.8 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 54.031 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 97 Resp: 429628
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.767 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

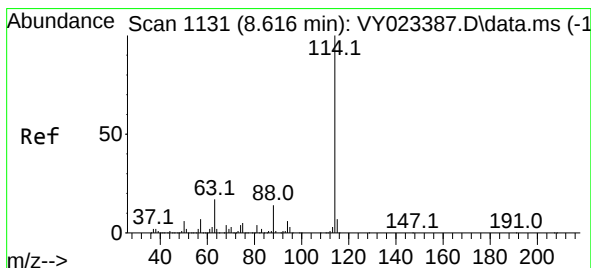
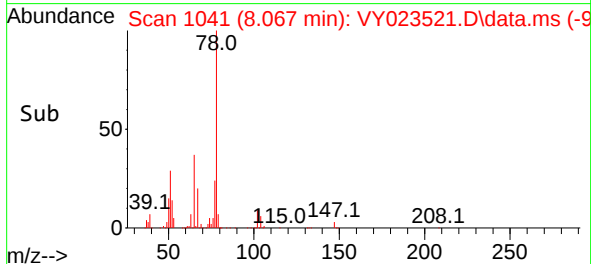
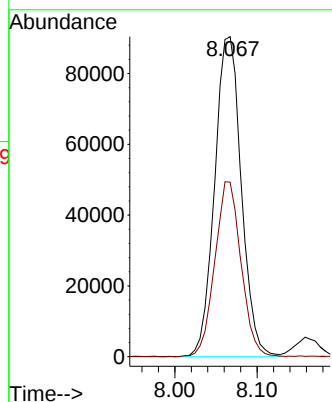
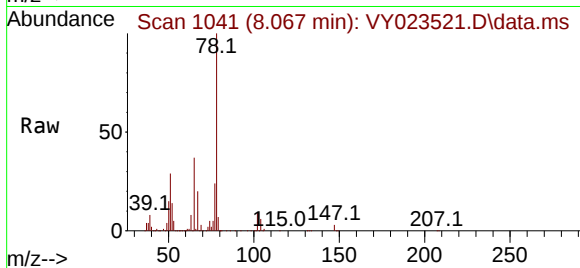
VSTDCCC050

Tgt Ion: 65 Resp: 203881

Ion Ratio Lower Upper

65 100

67 53.7 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: VY023521.D

Acq: 21 Oct 2025 09:05

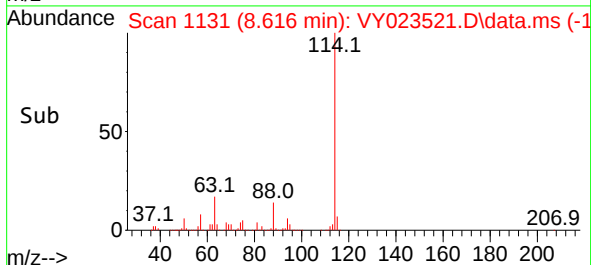
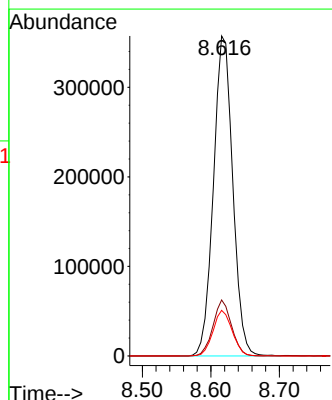
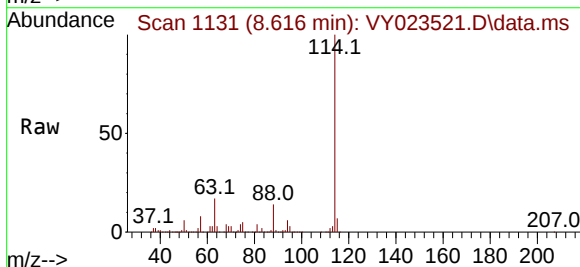
Tgt Ion: 114 Resp: 698196

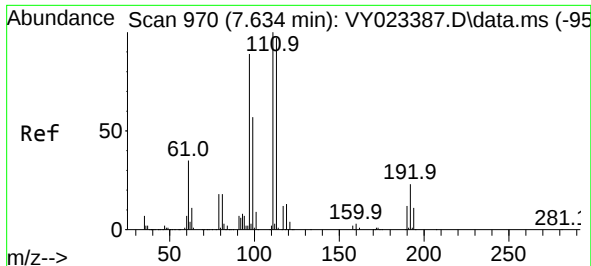
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.2

88 14.2 0.0 28.4

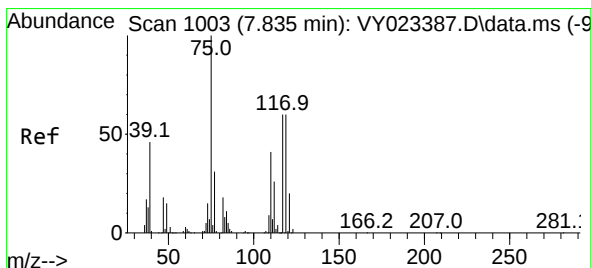
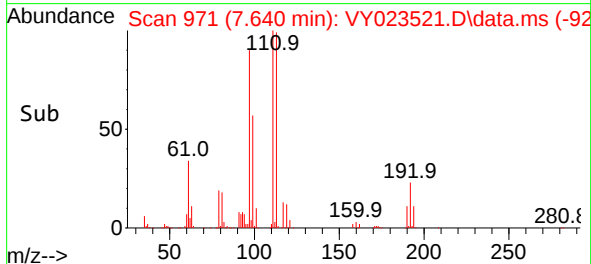
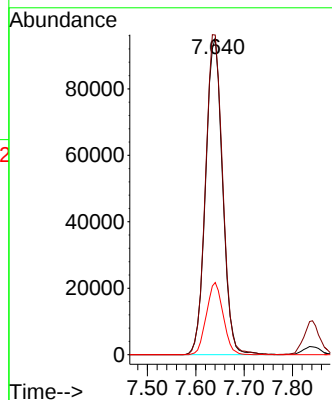
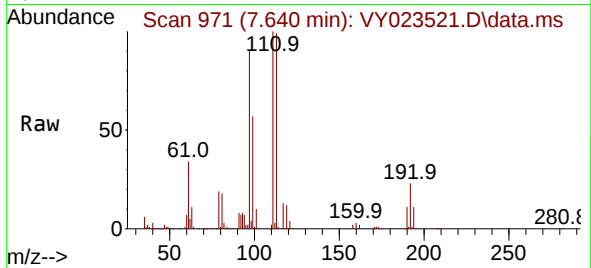




#35
Dibromofluoromethane
Concen: 53.936 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

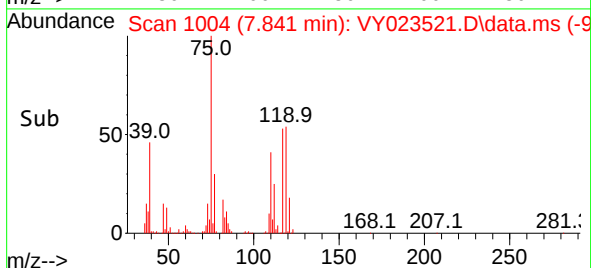
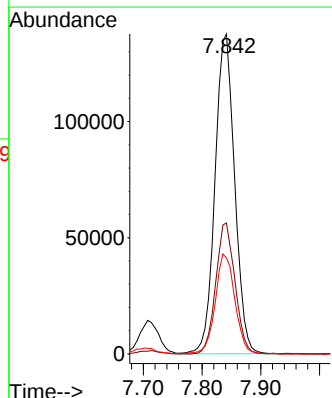
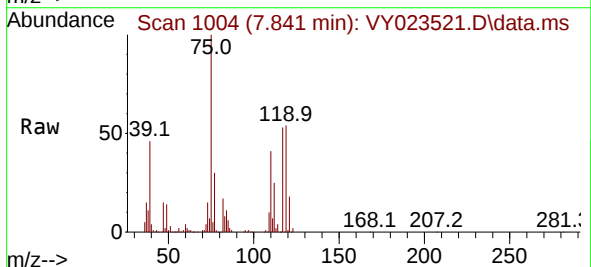
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

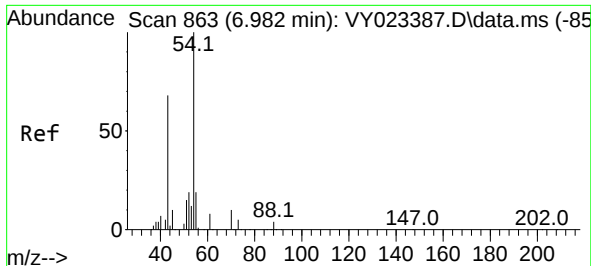
Tgt Ion:113 Resp: 231392
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 56.137 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 75 Resp: 318835
Ion Ratio Lower Upper
75 100
110 40.1 19.9 59.7
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 53.760 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

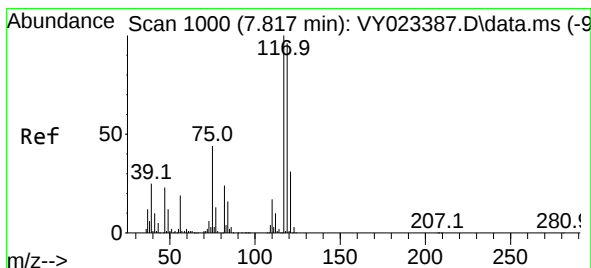
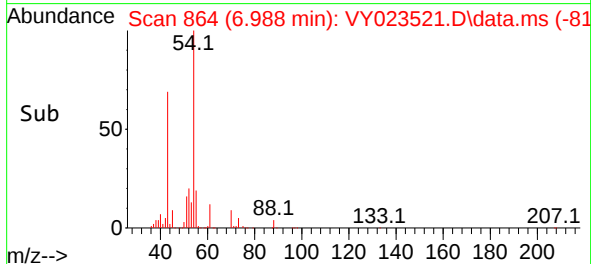
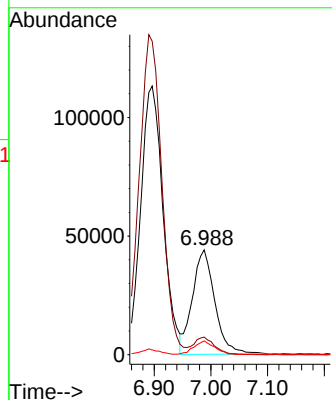
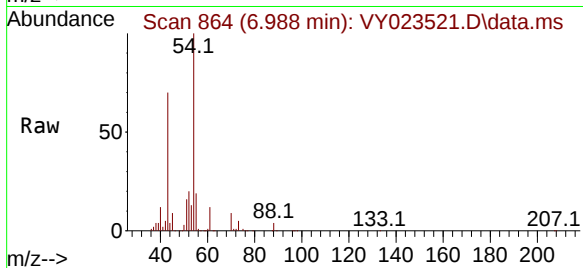
Tgt Ion: 43 Resp: 120965

Ion Ratio Lower Upper

43 100

61 14.9 11.8 17.8

70 12.5 10.5 15.7



#38

Carbon Tetrachloride

Concen: 57.004 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

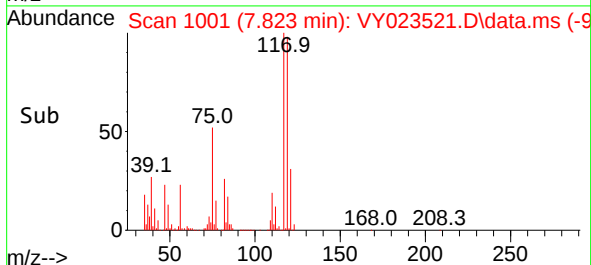
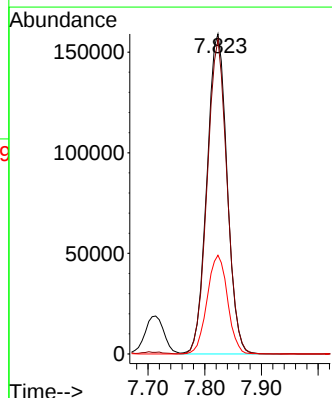
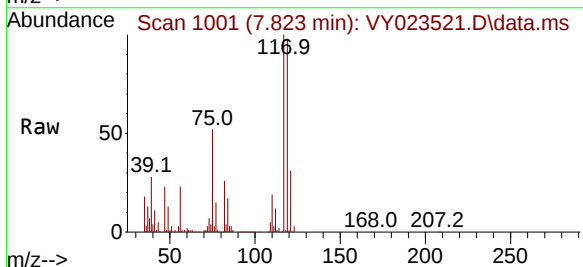
Tgt Ion: 117 Resp: 392576

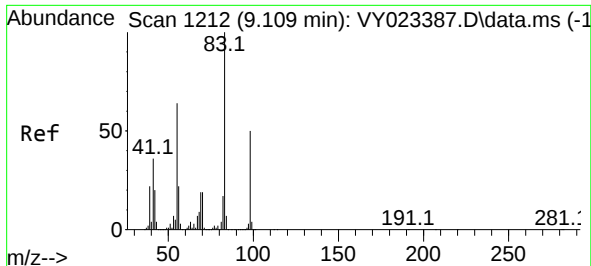
Ion Ratio Lower Upper

117 100

119 98.3 76.8 115.2

121 30.9 24.5 36.7

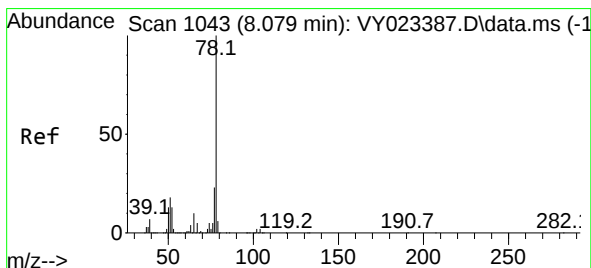
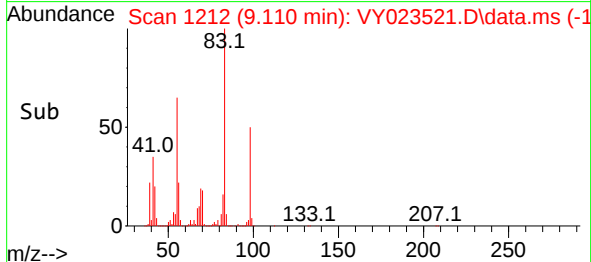
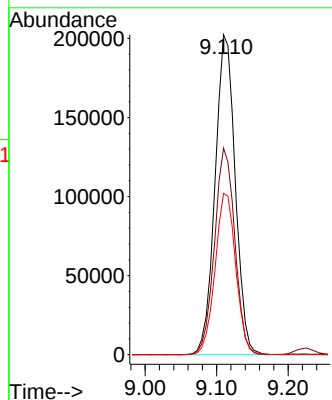
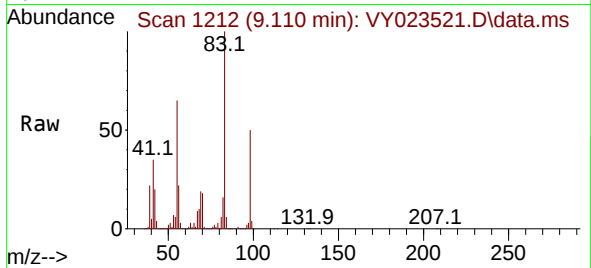




#39
Methylcyclohexane
Concen: 53.642 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

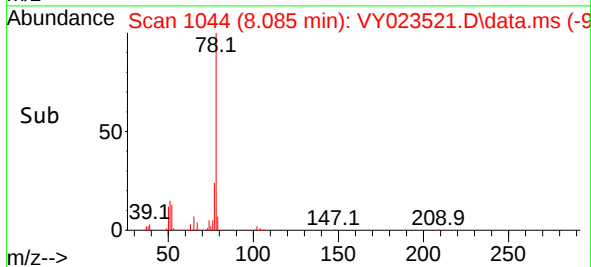
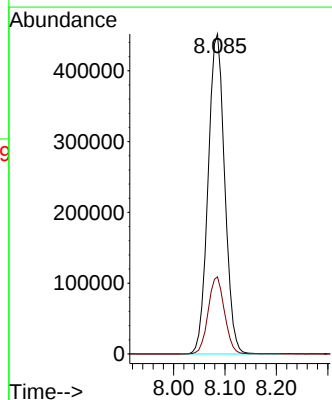
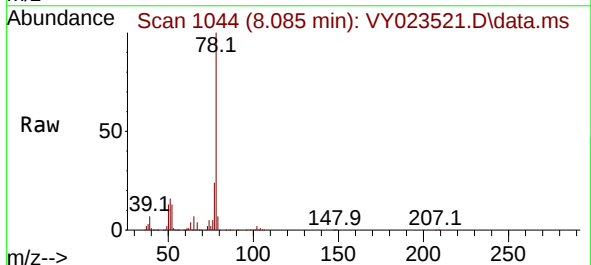
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

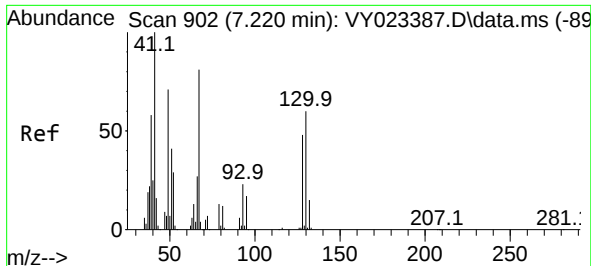
Tgt Ion: 83 Resp: 396680
Ion Ratio Lower Upper
83 100
55 64.5 51.4 77.2
98 50.4 40.4 60.6



#40
Benzene
Concen: 56.189 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 78 Resp: 1010667
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5

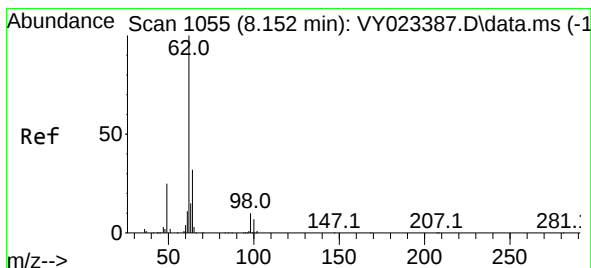
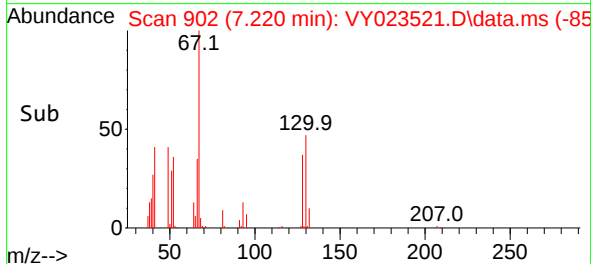
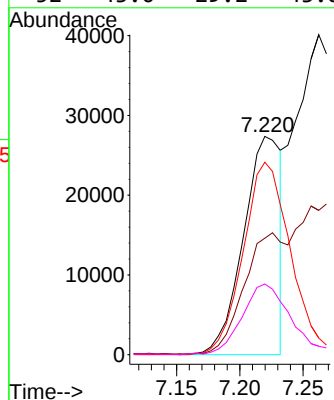
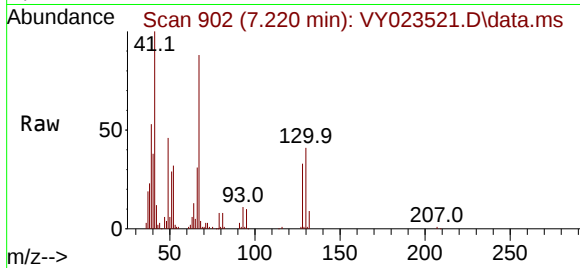




#41
Methacrylonitrile
Concen: 46.396 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

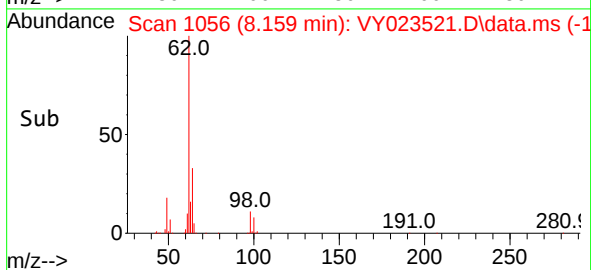
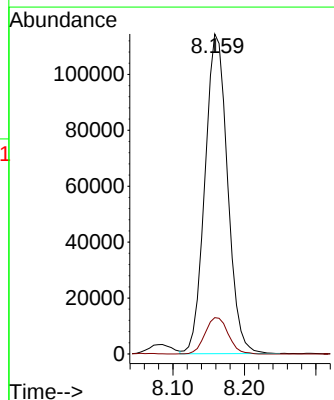
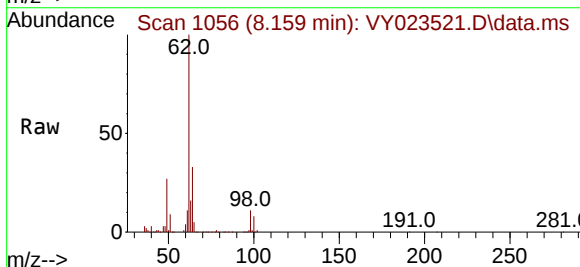
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

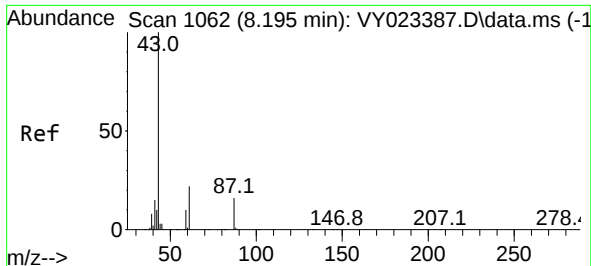
Tgt Ion:	41	Resp:	56462
Ion	Ratio	Lower	Upper
41	100		
39	63.8	52.2	78.4
67	113.0	74.9	112.3
52	43.0	29.2	43.8



#42
1,2-Dichloroethane
Concen: 54.158 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion:	62	Resp:	251229
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	21.6

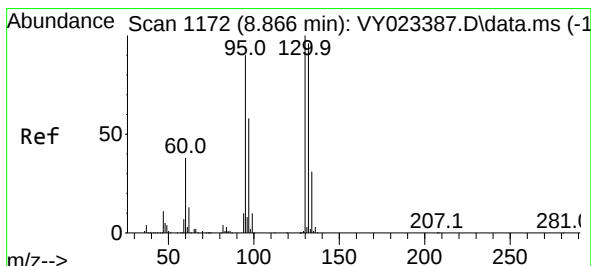
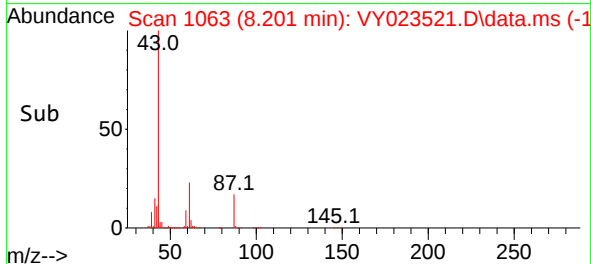
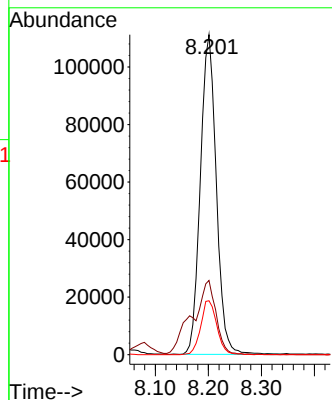
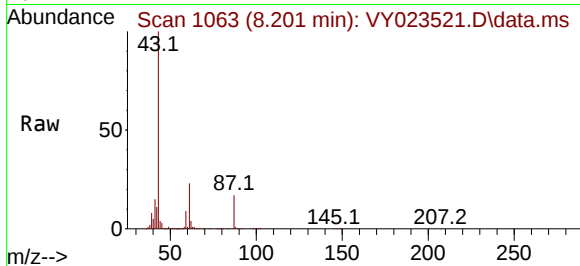




#43
Isopropyl Acetate
Concen: 51.687 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

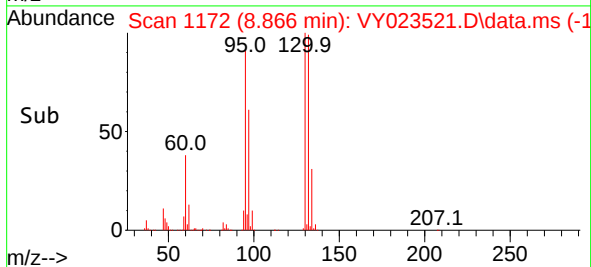
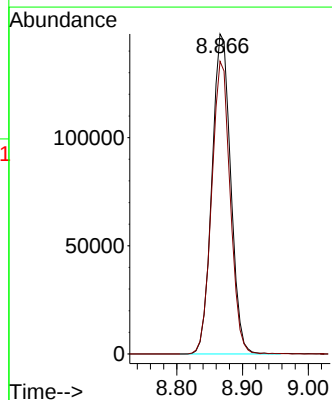
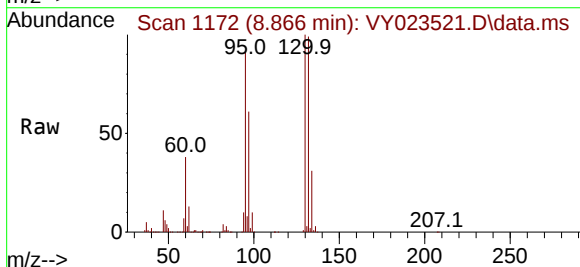
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

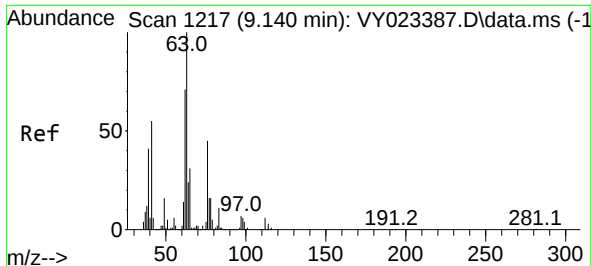
Tgt Ion: 43 Resp: 231909
Ion Ratio Lower Upper
43 100
61 34.8 18.1 27.1#
87 17.2 13.5 20.3



#44
Trichloroethene
Concen: 55.852 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion:130 Resp: 294037
Ion Ratio Lower Upper
130 100
95 91.4 0.0 180.6





#45

1,2-Dichloropropane

Concen: 56.253 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

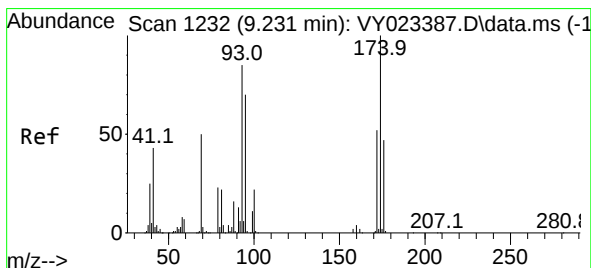
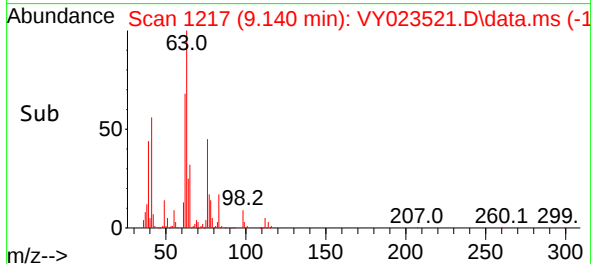
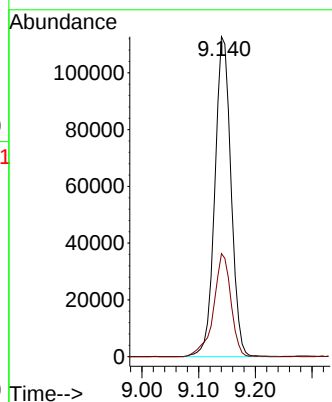
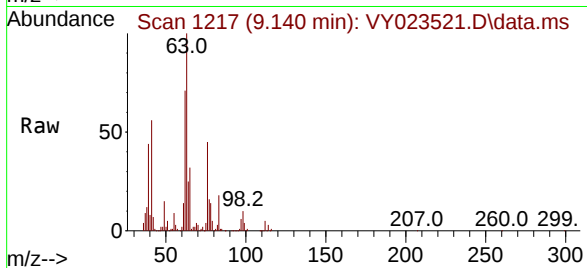
VSTDCCC050

Tgt Ion: 63 Resp: 223488

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 58.489 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

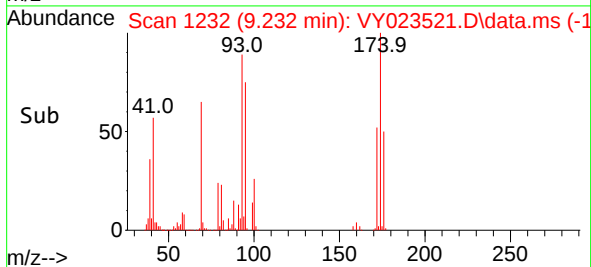
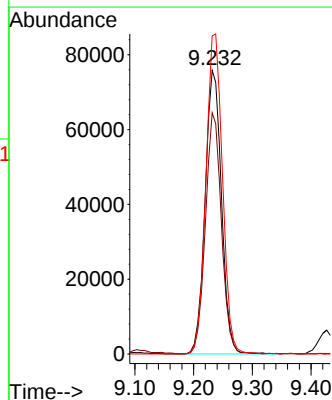
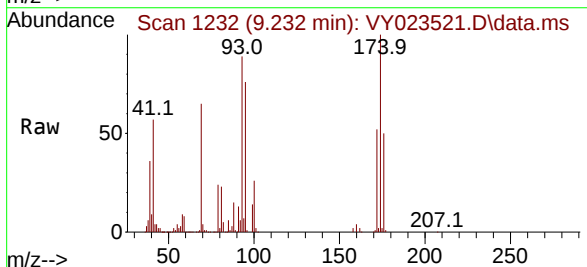
Tgt Ion: 93 Resp: 146935

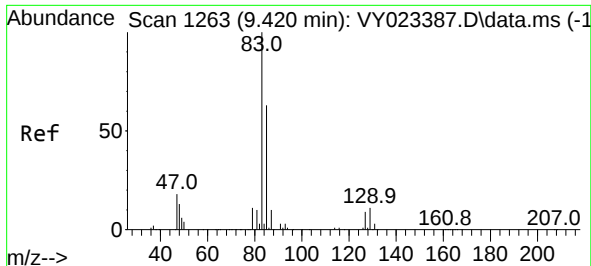
Ion Ratio Lower Upper

93 100

95 82.9 65.4 98.0

174 114.0 92.9 139.3

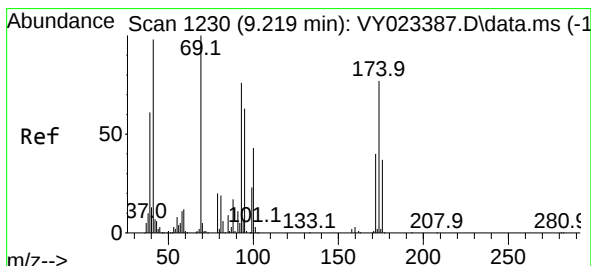
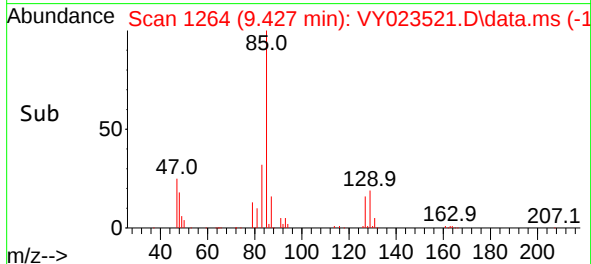
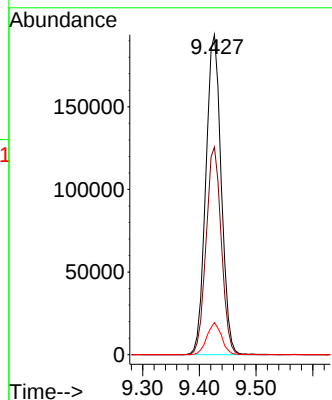
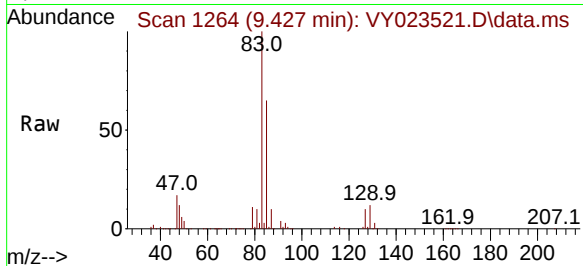




#47
Bromodichloromethane
Concen: 57.621 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

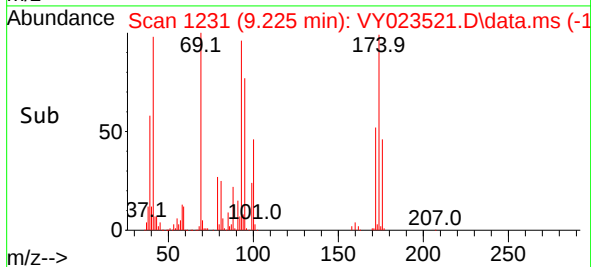
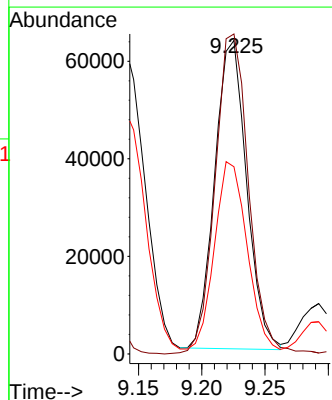
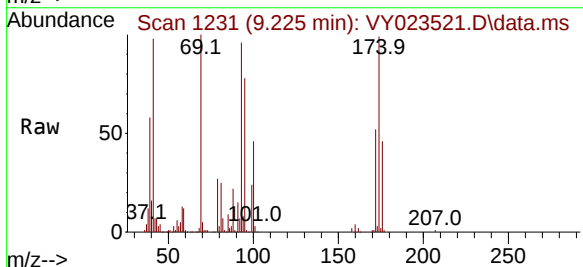
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

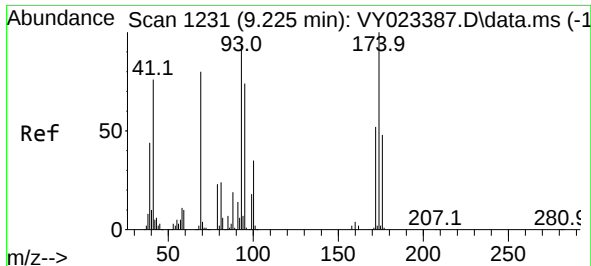
Tgt Ion: 83 Resp: 364567
Ion Ratio Lower Upper
83 100
85 64.9 50.8 76.2
127 10.1 7.4 11.2



#48
Methyl methacrylate
Concen: 52.590 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 41 Resp: 110852
Ion Ratio Lower Upper
41 100
69 109.0 81.0 121.4
39 61.8 48.2 72.4





#49

1,4-Dioxane

Concen: 1051.234 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

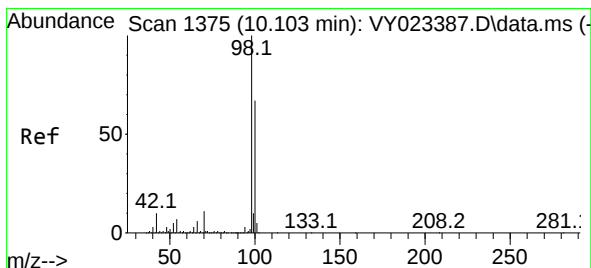
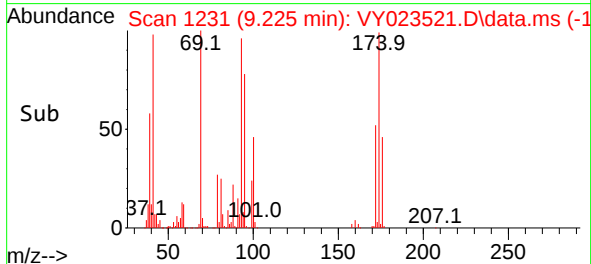
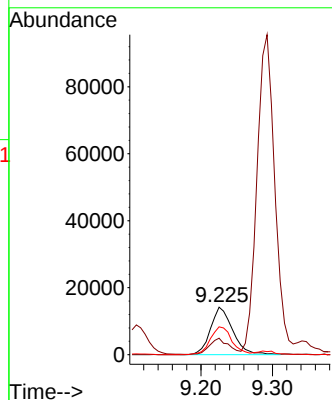
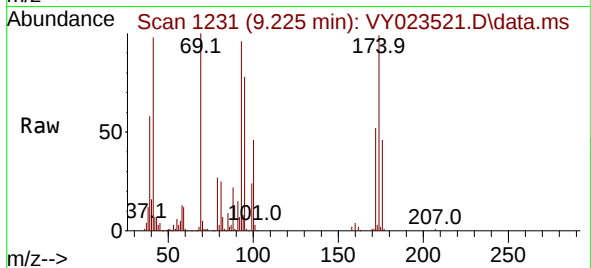
Tgt Ion: 88 Resp: 30619

Ion Ratio Lower Upper

88 100

43 29.7 21.8 32.8

58 56.7 46.8 70.2



#50

Toluene-d8

Concen: 53.217 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023521.D

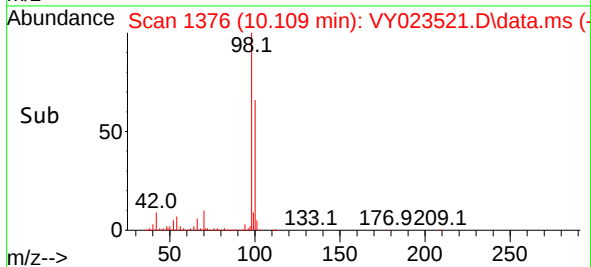
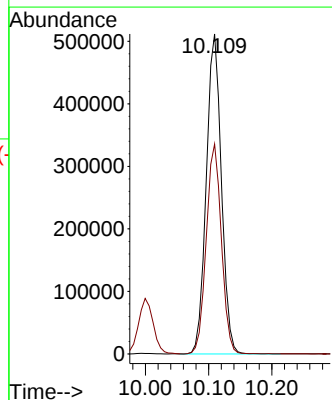
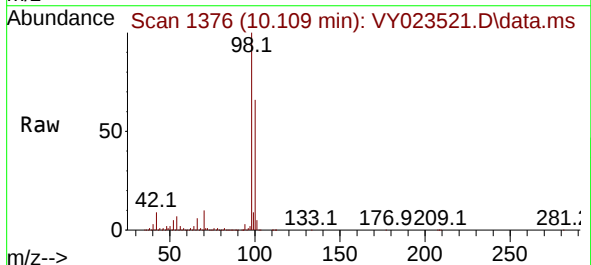
Acq: 21 Oct 2025 09:05

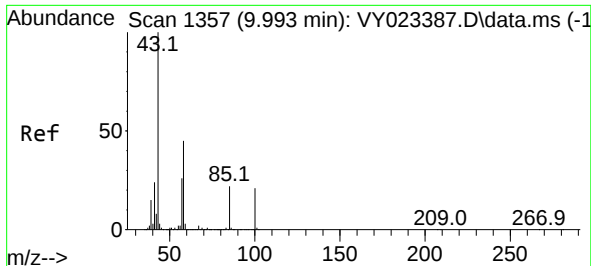
Tgt Ion: 98 Resp: 850239

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 280.345 ug/l

RT: 10.000 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

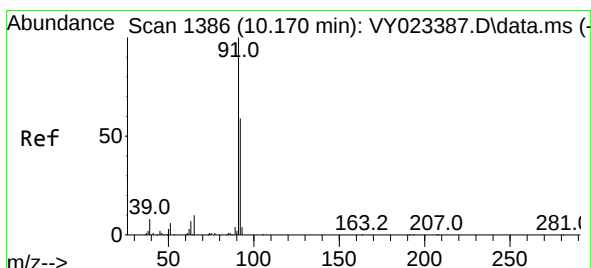
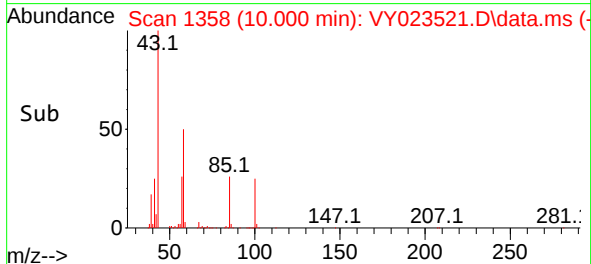
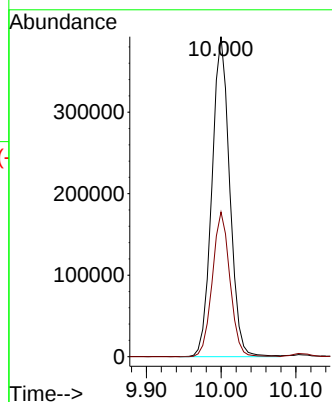
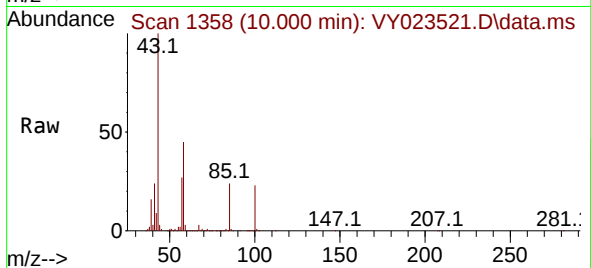
VSTDCCC050

Tgt Ion: 43 Resp: 649884

Ion Ratio Lower Upper

43 100

58 44.8 35.3 52.9



#52

Toluene

Concen: 57.818 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023521.D

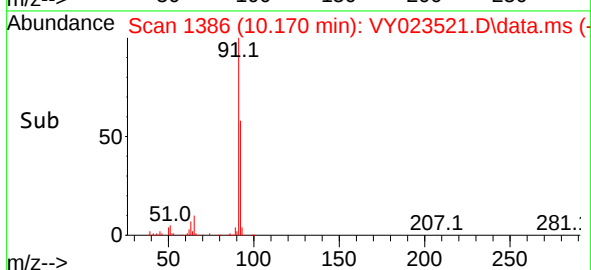
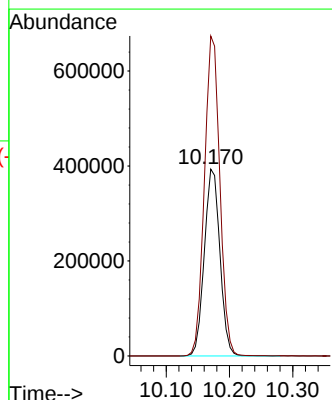
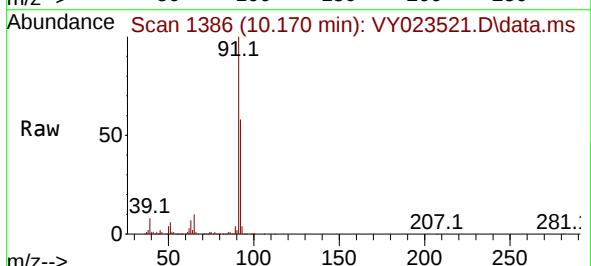
Acq: 21 Oct 2025 09:05

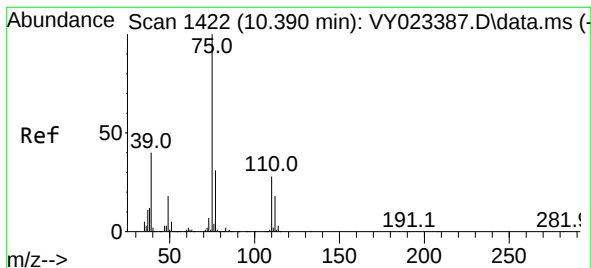
Tgt Ion: 92 Resp: 675233

Ion Ratio Lower Upper

92 100

91 169.8 136.4 204.6

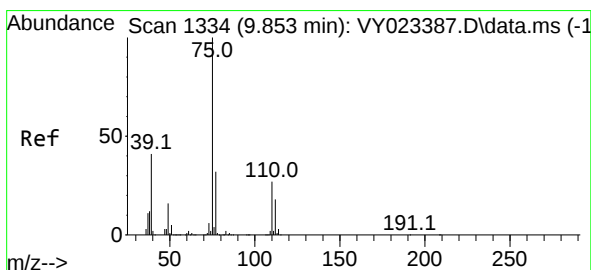
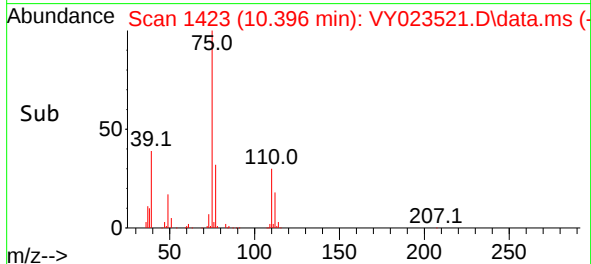
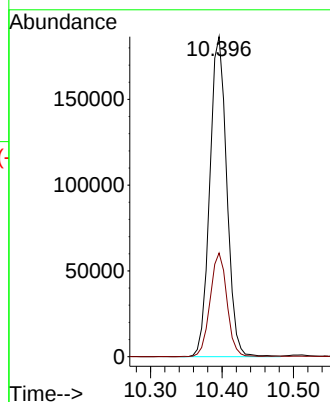
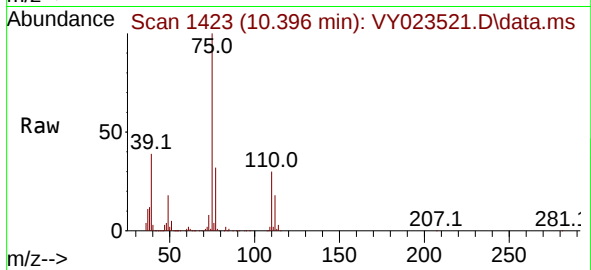




#53
t-1,3-Dichloropropene
Concen: 55.984 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

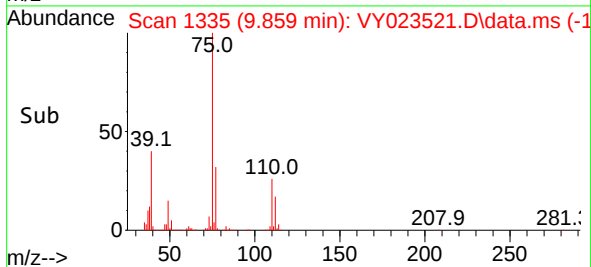
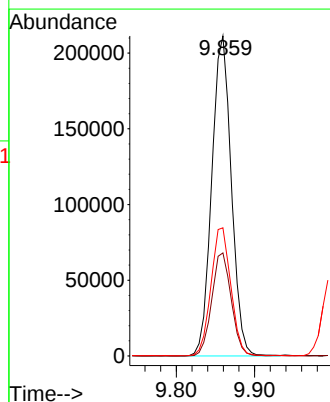
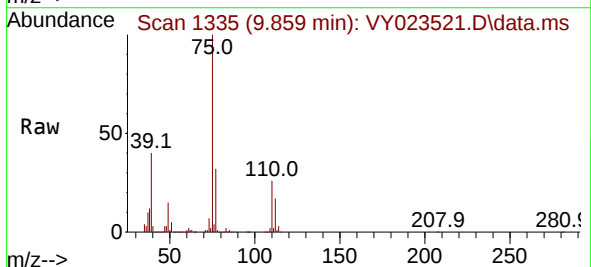
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

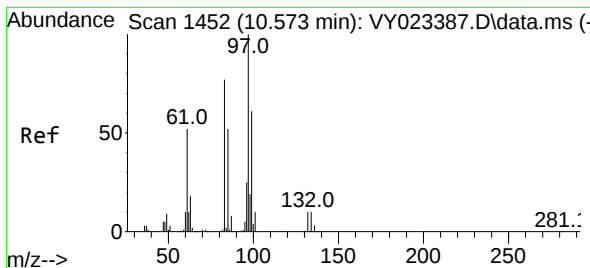
Tgt Ion: 75 Resp: 307992
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 56.399 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 75 Resp: 366195
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 40.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 58.815 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 198692

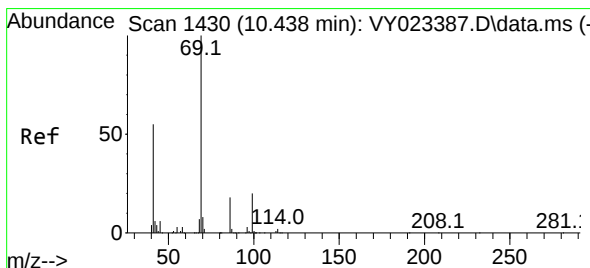
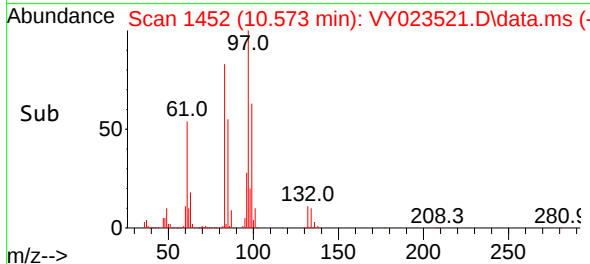
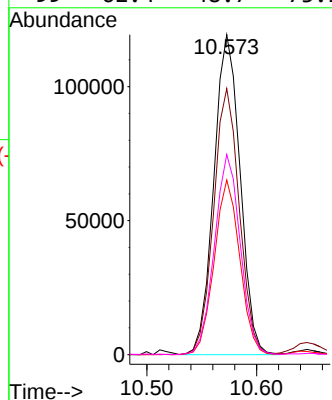
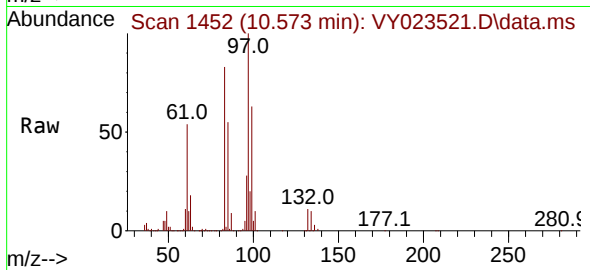
Ion Ratio Lower Upper

97 100

83 83.1 61.8 92.6

85 54.6 41.3 61.9

99 62.4 48.7 73.1



#56

Ethyl methacrylate

Concen: 57.121 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

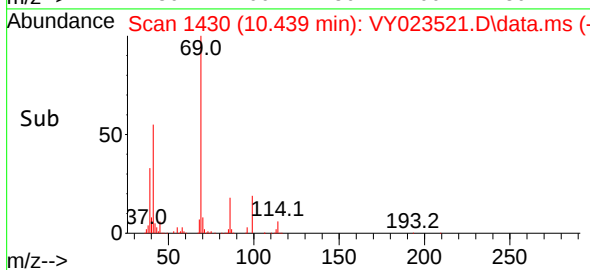
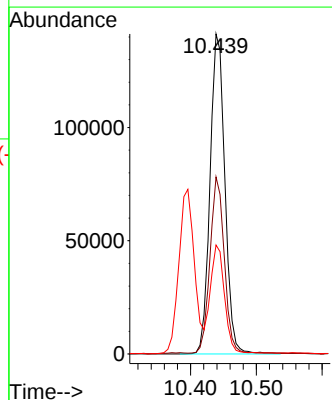
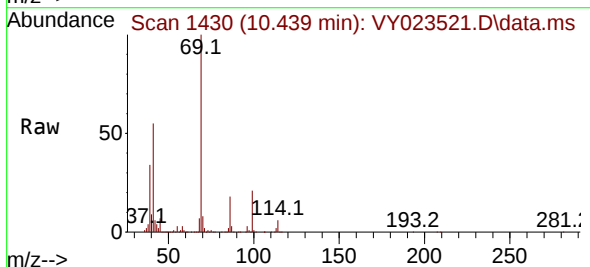
Tgt Ion: 69 Resp: 222590

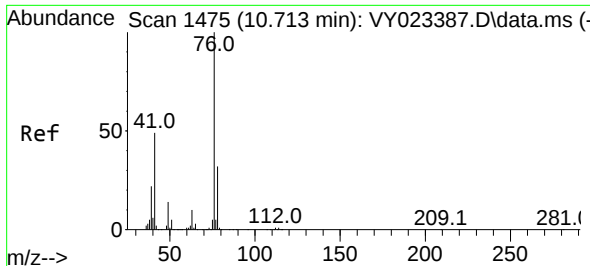
Ion Ratio Lower Upper

69 100

41 53.3 44.6 67.0

39 32.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 57.370 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

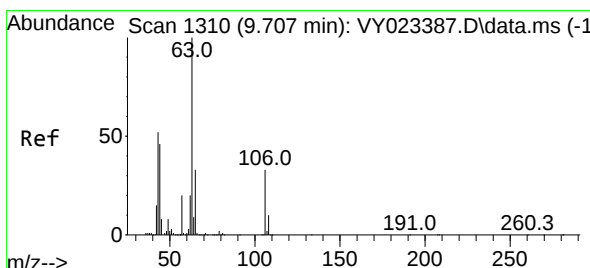
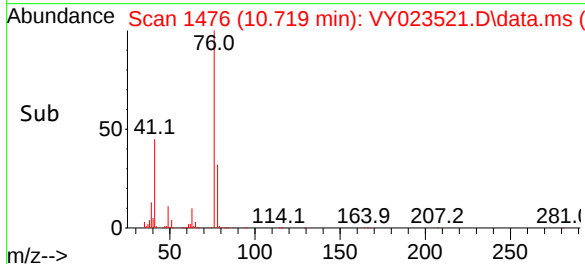
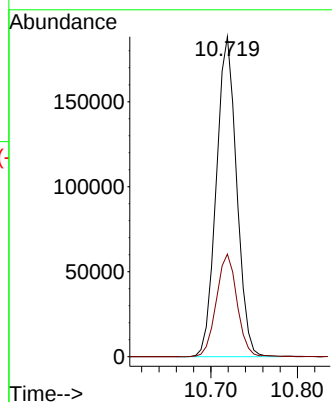
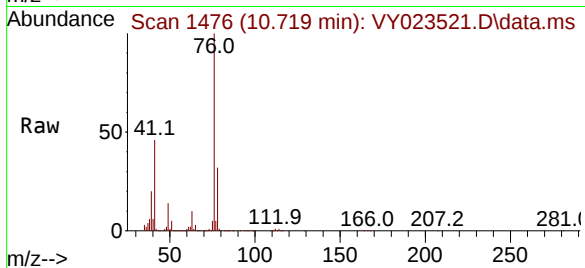
VSTDCCC050

Tgt Ion: 76 Resp: 307111

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 280.014 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023521.D

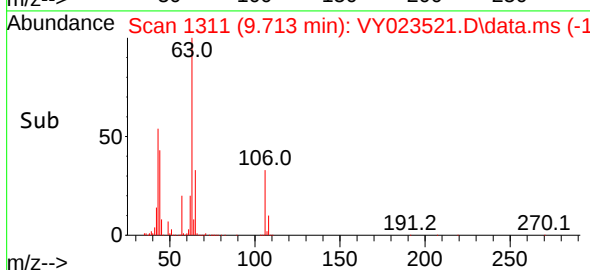
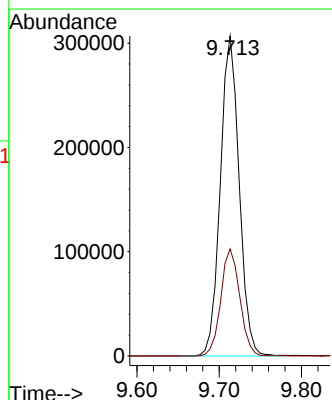
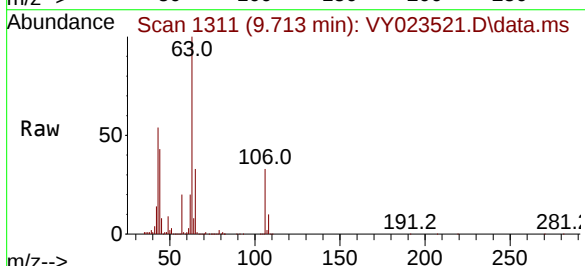
Acq: 21 Oct 2025 09:05

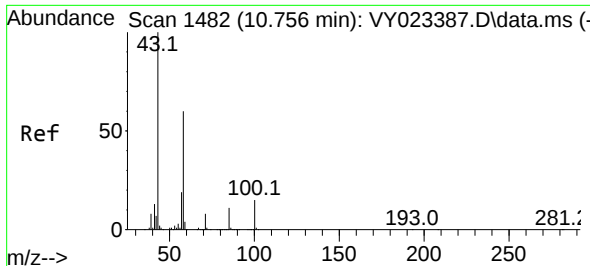
Tgt Ion: 63 Resp: 488816

Ion Ratio Lower Upper

63 100

106 33.7 26.6 39.8

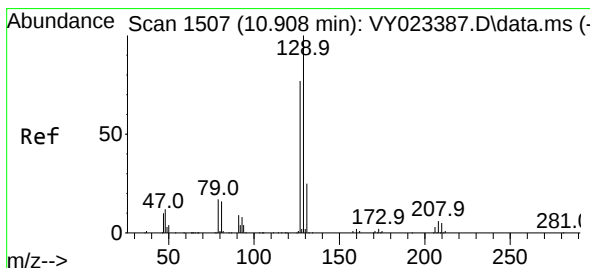
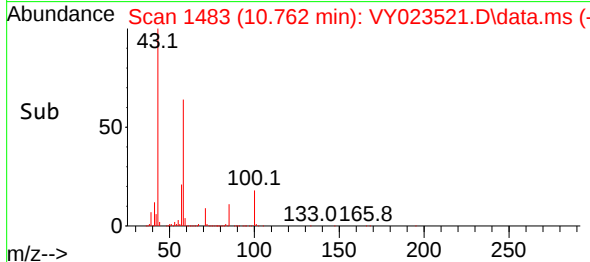
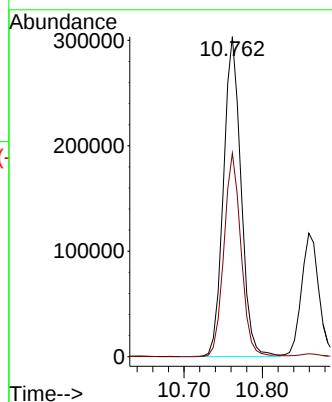
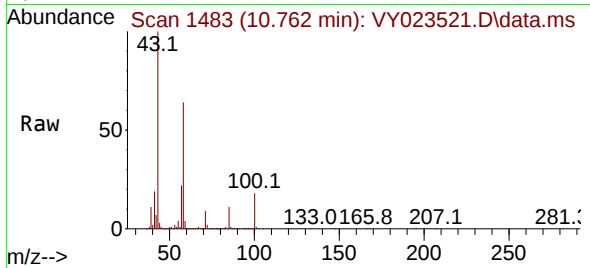




#59
2-Hexanone
Concen: 285.033 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

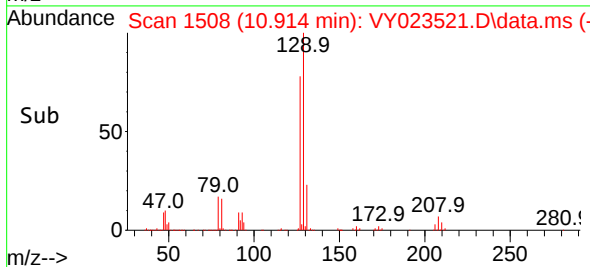
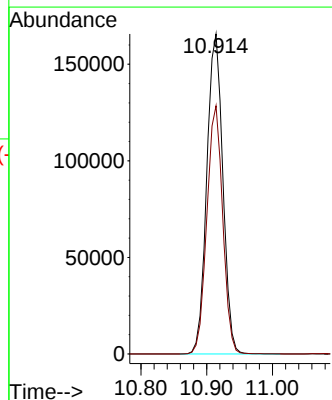
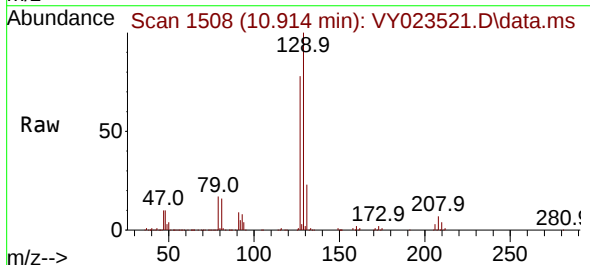
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

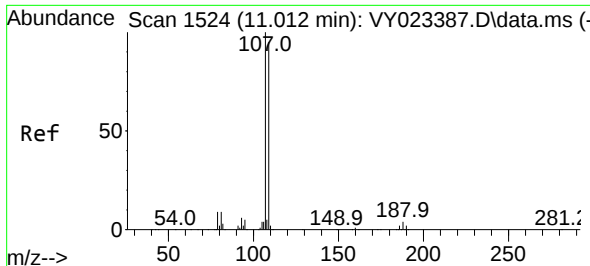
Tgt Ion: 43 Resp: 472202
Ion Ratio Lower Upper
43 100
58 62.0 30.5 91.5



#60
Dibromochloromethane
Concen: 59.341 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 129 Resp: 281057
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

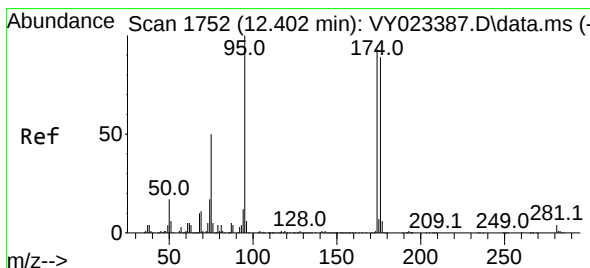
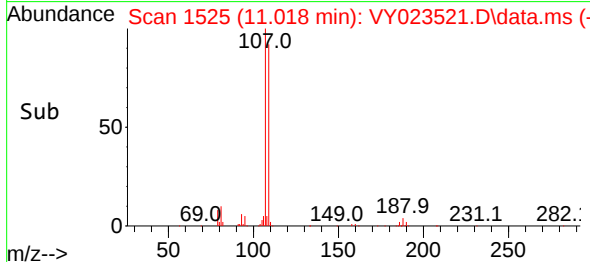
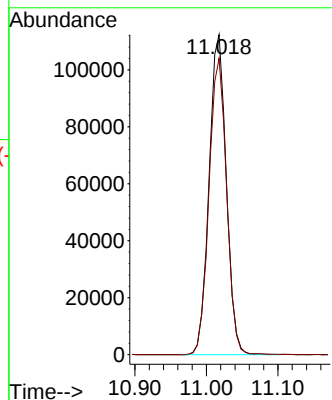
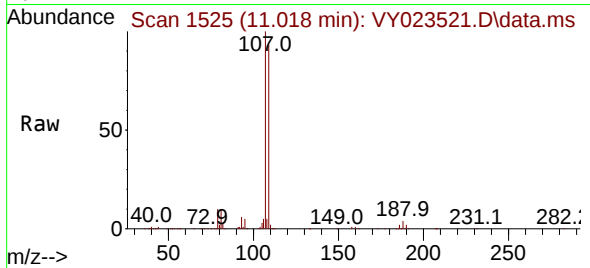




#61
1,2-Dibromoethane
Concen: 58.304 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

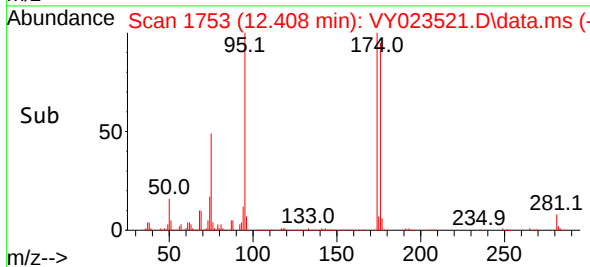
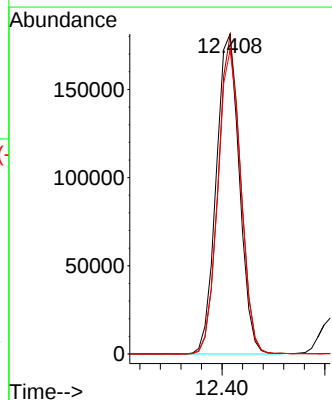
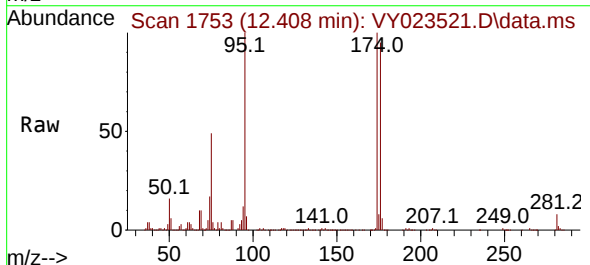
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

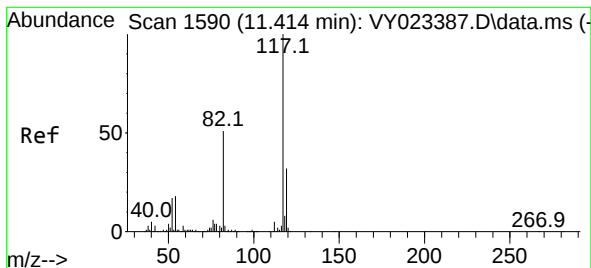
Tgt Ion:107 Resp: 187844
Ion Ratio Lower Upper
107 100
109 94.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 53.656 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 95 Resp: 283018
Ion Ratio Lower Upper
95 100
174 96.6 0.0 192.8
176 94.3 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

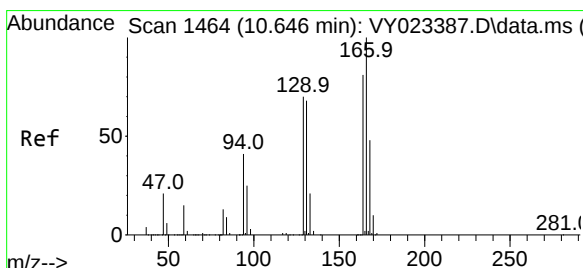
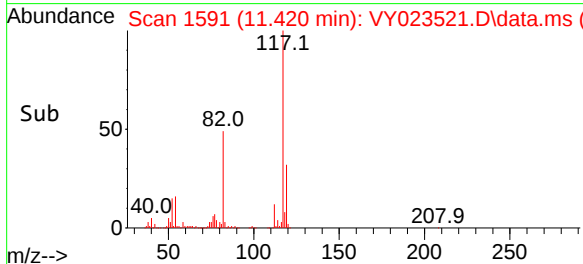
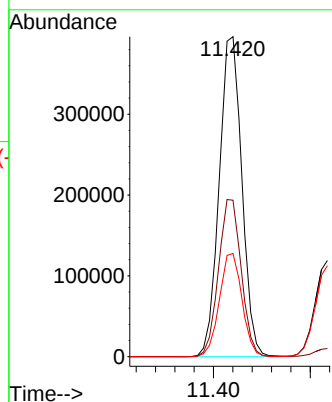
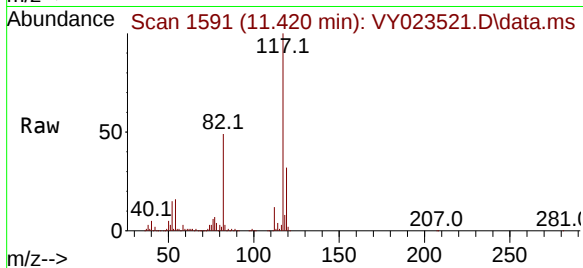
Tgt Ion:117 Resp: 642915

Ion Ratio Lower Upper

117 100

82 48.9 41.0 61.4

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 55.688 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Tgt Ion:164 Resp: 369674

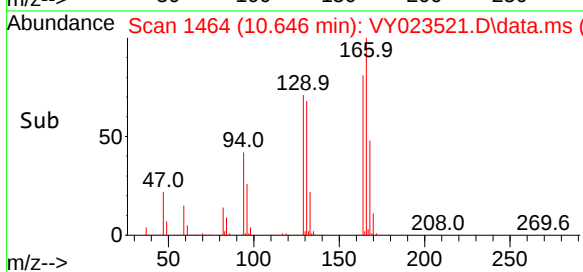
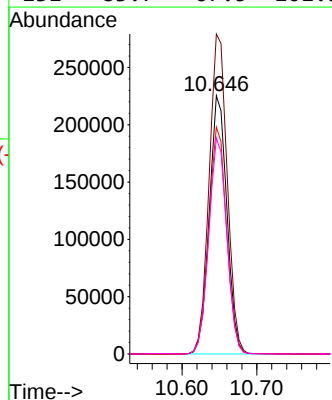
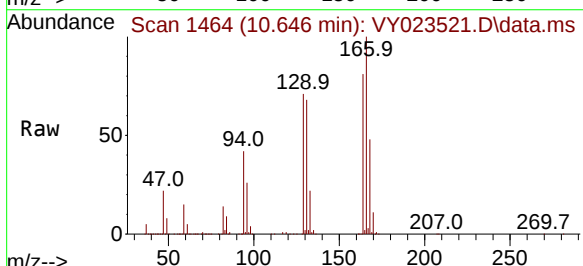
Ion Ratio Lower Upper

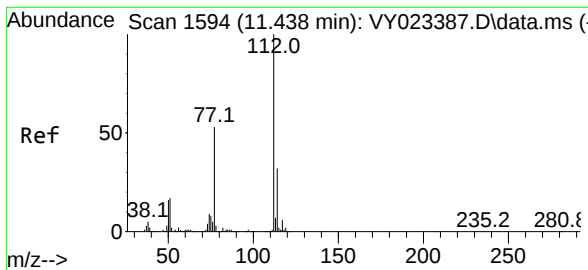
164 100

166 123.9 99.4 149.0

129 87.9 69.4 104.2

131 83.7 67.5 101.3

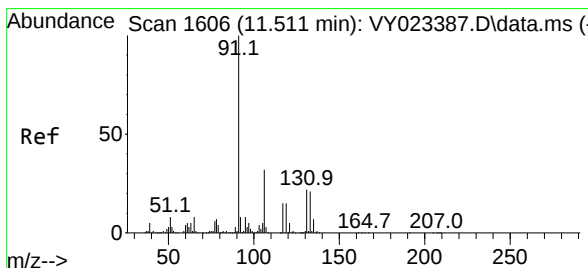
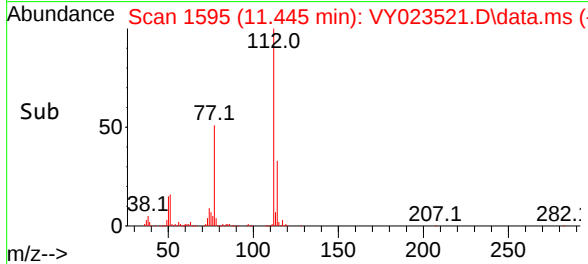
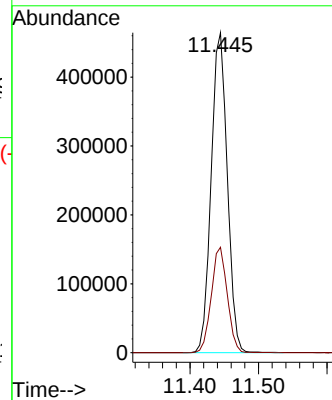
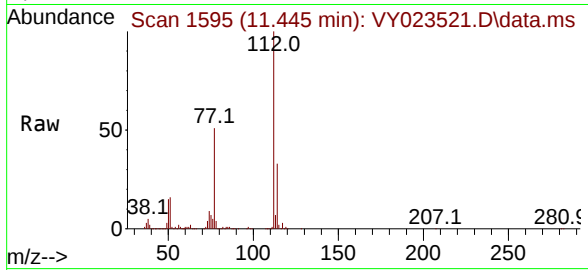




#65
Chlorobenzene
Concen: 54.309 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

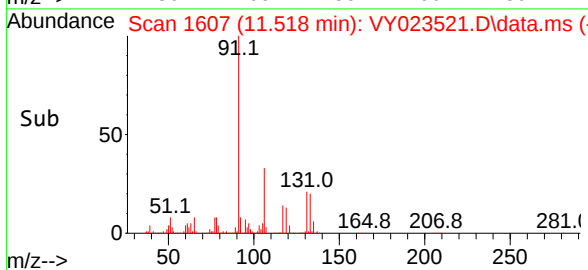
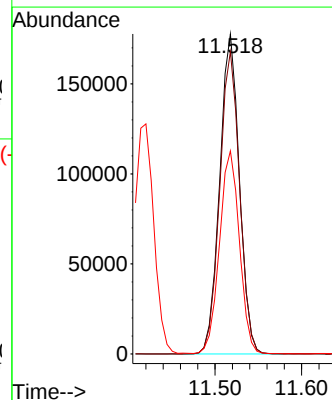
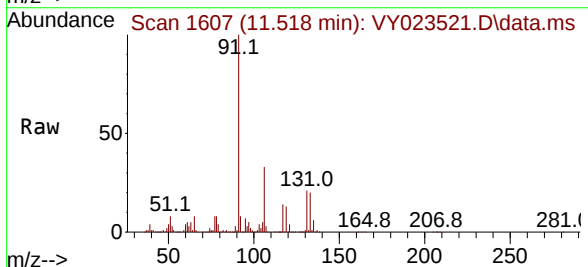
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

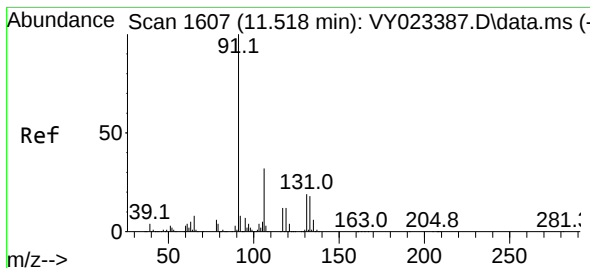
Tgt Ion:112 Resp: 759409
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.268 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion:131 Resp: 280381
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.2
119 64.2 32.4 97.2





#67

Ethyl Benzene

Concen: 55.713 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

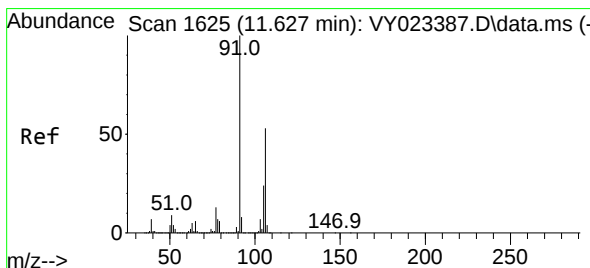
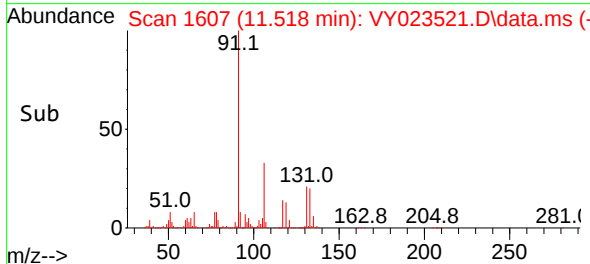
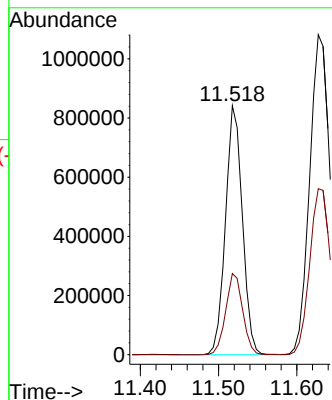
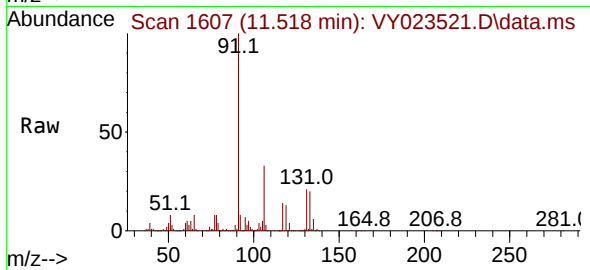
VSTDCCC050

Tgt Ion: 91 Resp: 1261040

Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.8



#68

m/p-Xylenes

Concen: 113.207 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023521.D

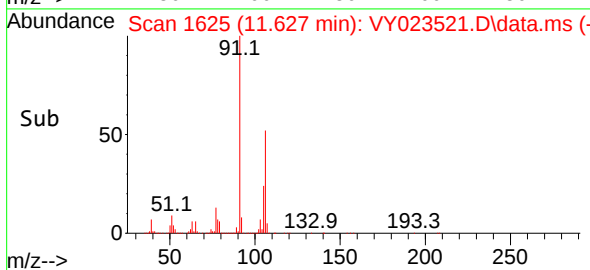
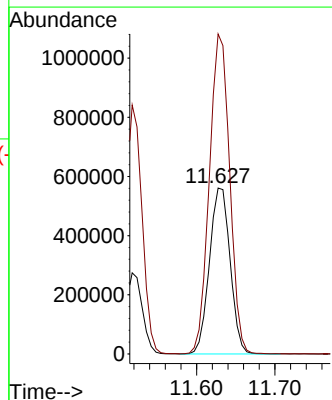
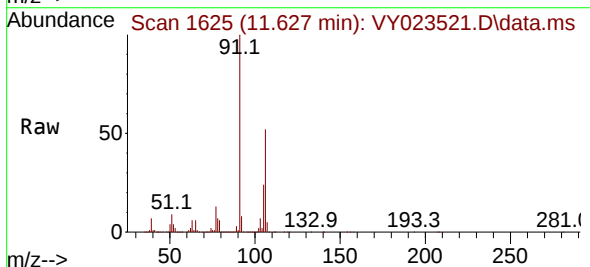
Acq: 21 Oct 2025 09:05

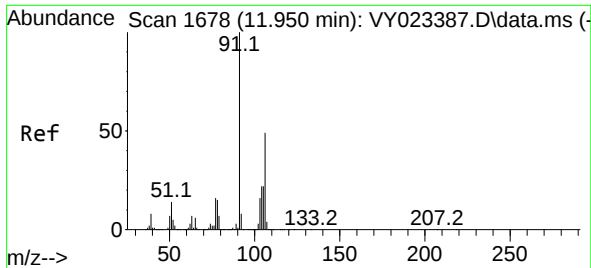
Tgt Ion:106 Resp: 1027756

Ion Ratio Lower Upper

106 100

91 189.8 152.6 229.0

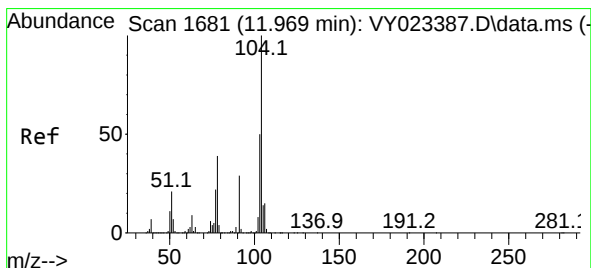
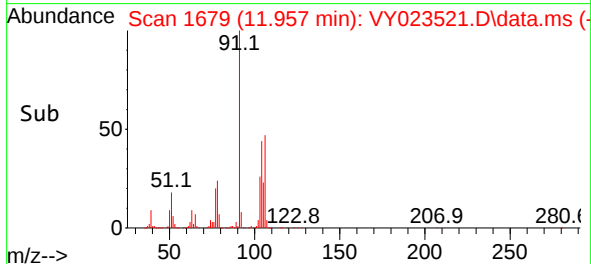
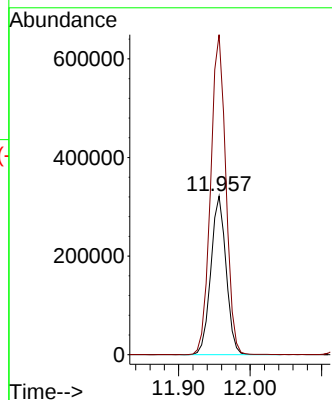
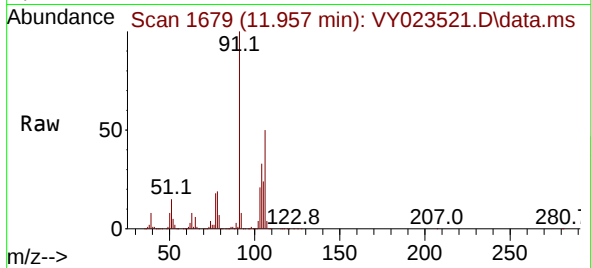




#69
o-Xylene
Concen: 55.830 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

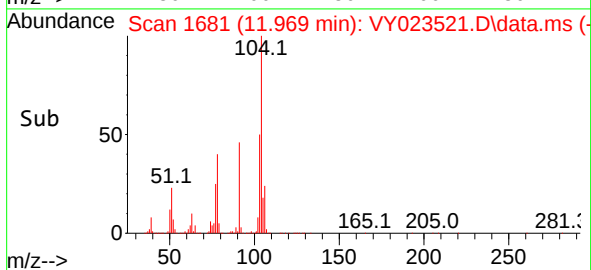
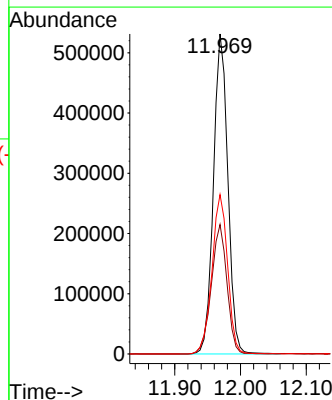
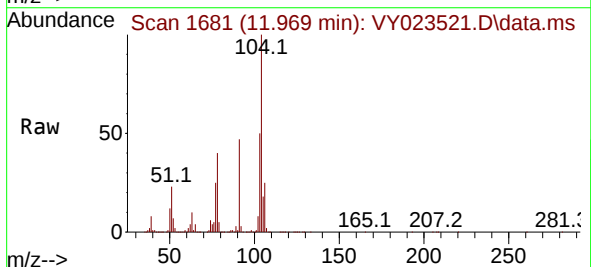
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

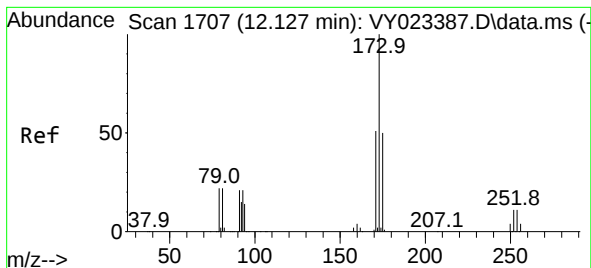
Tgt Ion:106 Resp: 475420
Ion Ratio Lower Upper
106 100
91 201.4 101.4 304.1



#70
Styrene
Concen: 57.893 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion:104 Resp: 810694
Ion Ratio Lower Upper
104 100
78 43.8 36.1 54.1
103 54.0 43.2 64.8





#71

Bromoform

Concen: 56.019 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

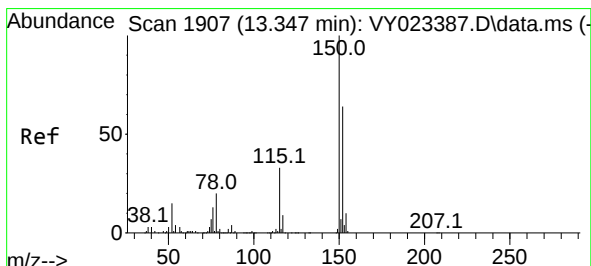
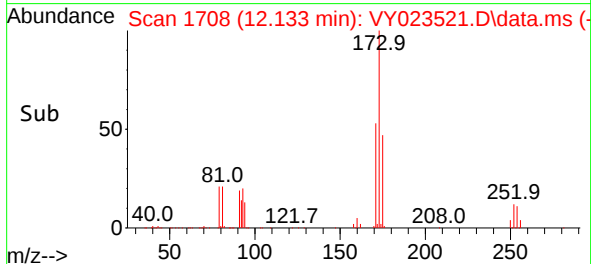
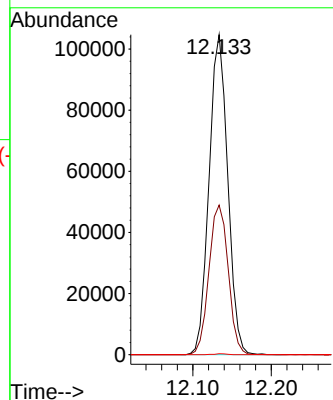
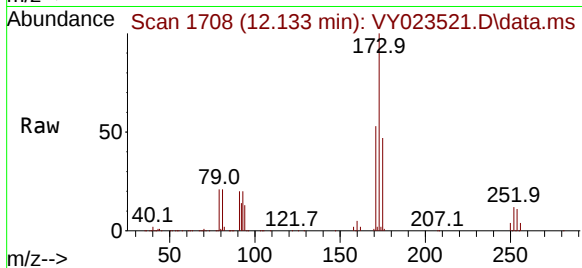
Tgt Ion:173 Resp: 173149

Ion Ratio Lower Upper

173 100

175 48.2 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

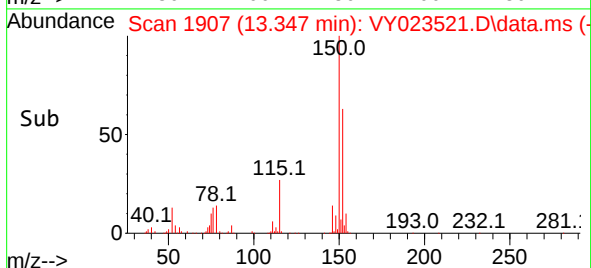
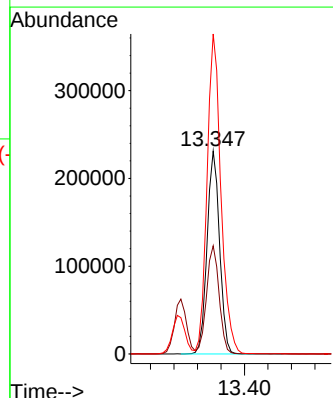
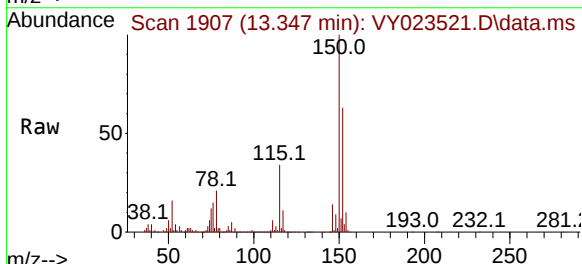
Tgt Ion:152 Resp: 341616

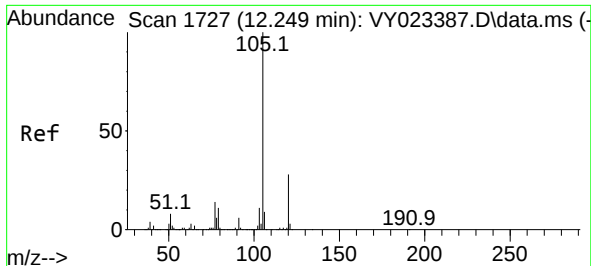
Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.2

150 174.9 0.0 347.4

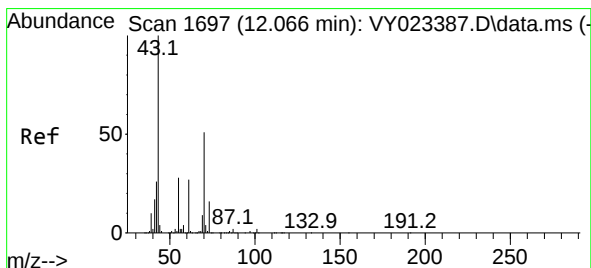
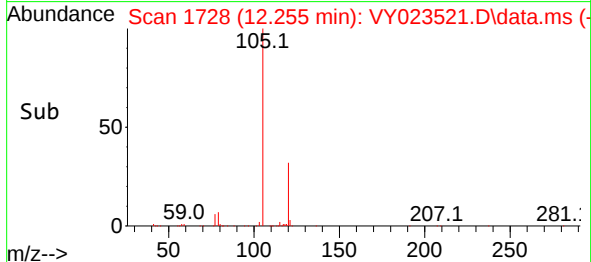
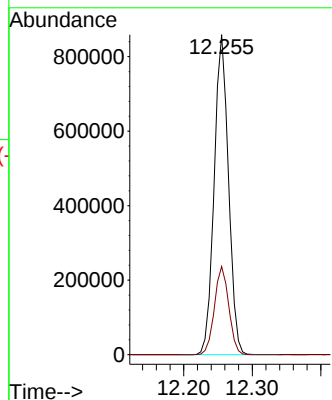
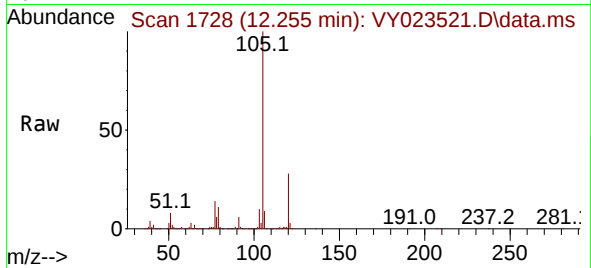




#73
Isopropylbenzene
Concen: 55.240 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

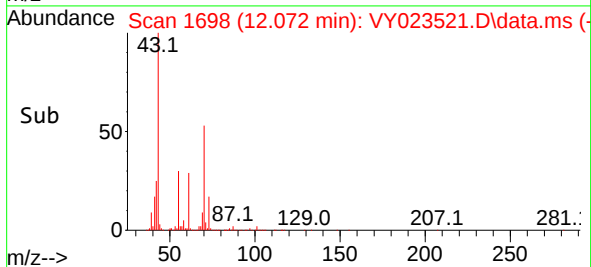
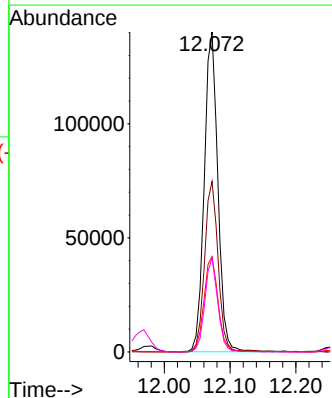
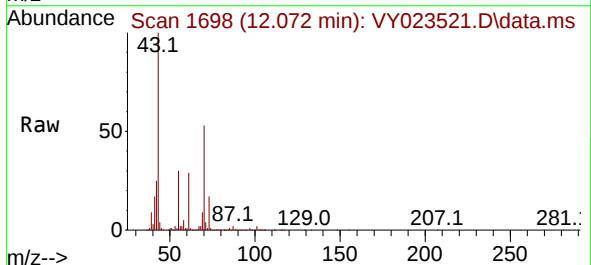
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

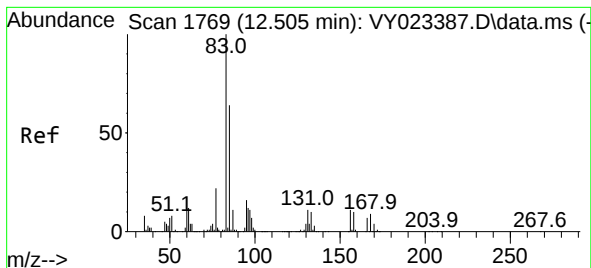
Tgt Ion:105 Resp: 1243608
Ion Ratio Lower Upper
105 100
120 27.6 13.9 41.7



#74
N-ethyl acetate
Concen: 49.976 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 43 Resp: 202085
Ion Ratio Lower Upper
43 100
70 53.0 41.1 61.7
55 30.9 23.0 34.6
61 27.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.009 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

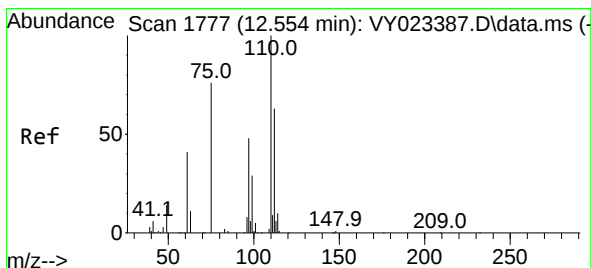
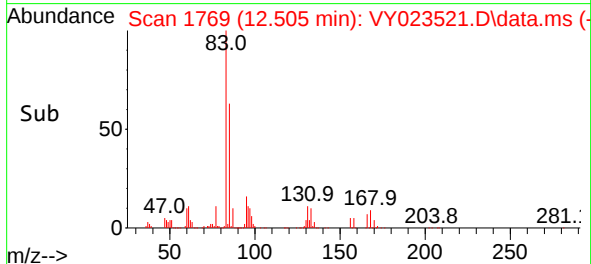
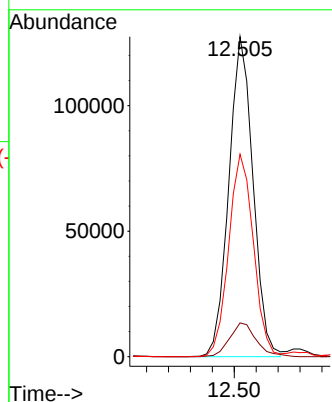
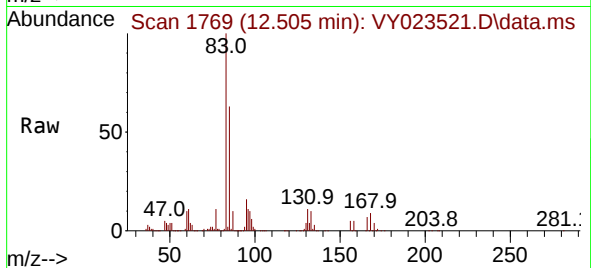
Tgt Ion: 83 Resp: 195187

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.6

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 87.660 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023521.D

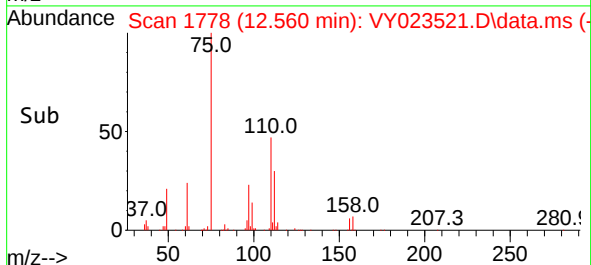
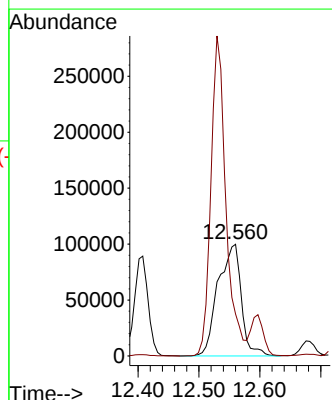
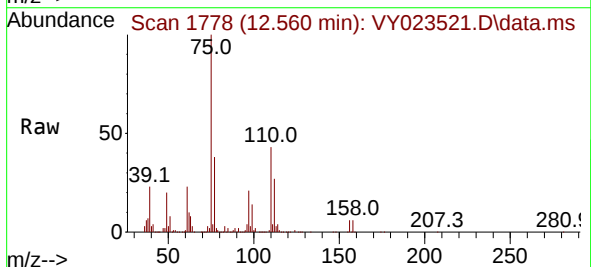
Acq: 21 Oct 2025 09:05

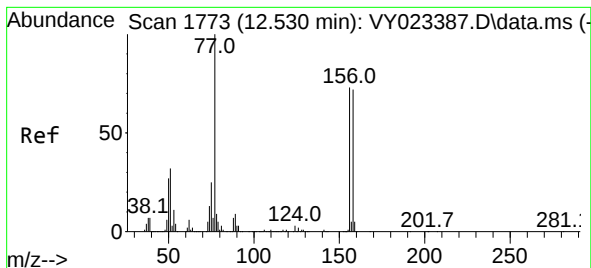
Tgt Ion: 75 Resp: 264205

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.235 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

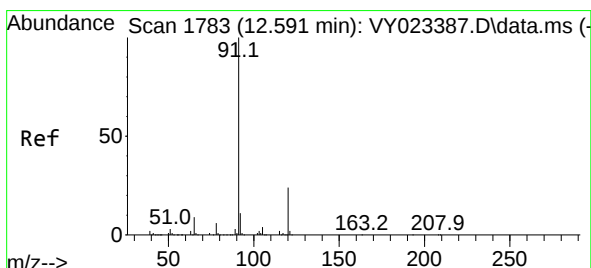
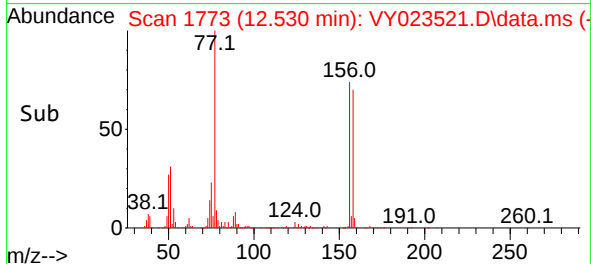
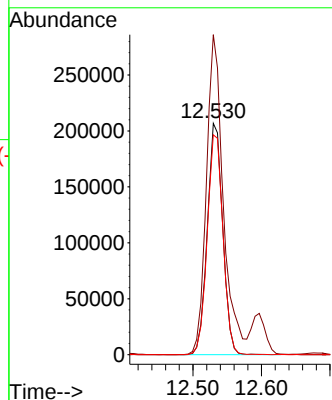
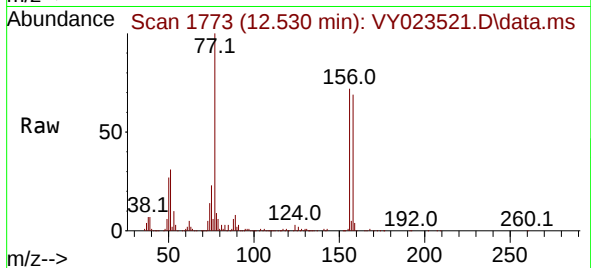
Tgt Ion:156 Resp: 324603

Ion Ratio Lower Upper

156 100

77 151.6 76.8 230.5

158 97.2 49.0 147.2



#78

n-propylbenzene

Concen: 55.961 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023521.D

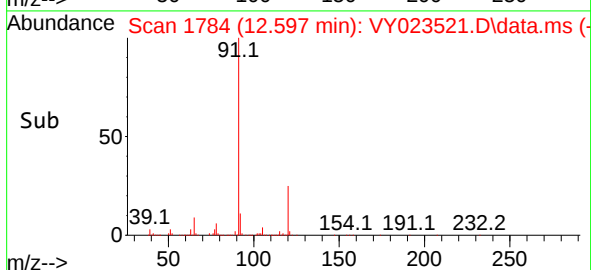
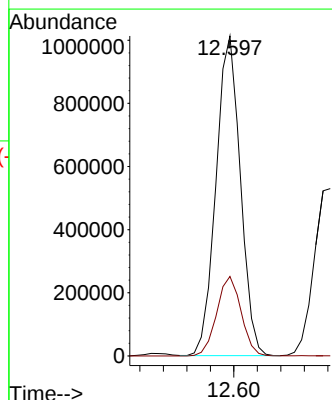
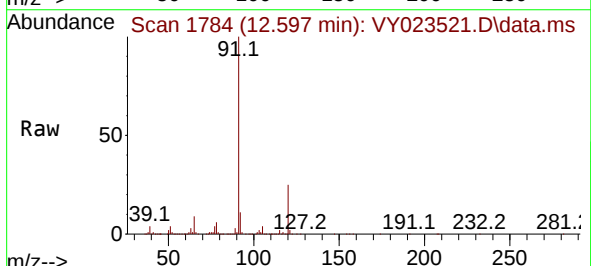
Acq: 21 Oct 2025 09:05

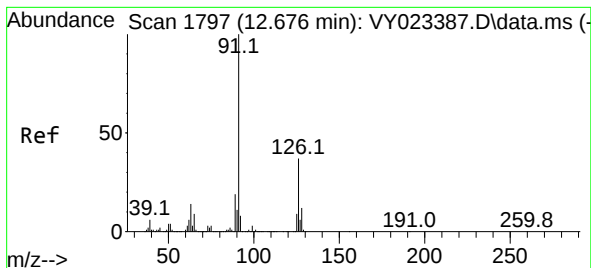
Tgt Ion: 91 Resp: 1457896

Ion Ratio Lower Upper

91 100

120 24.9 12.3 36.8

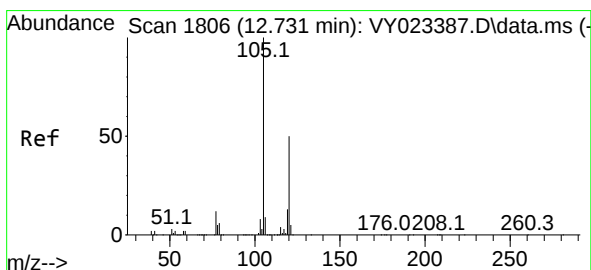
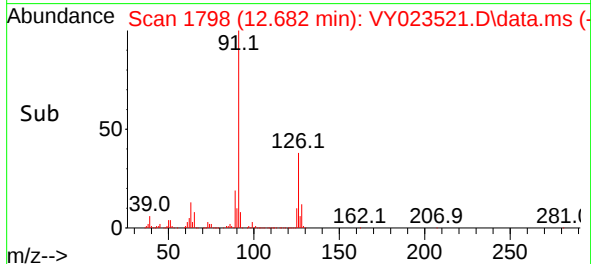
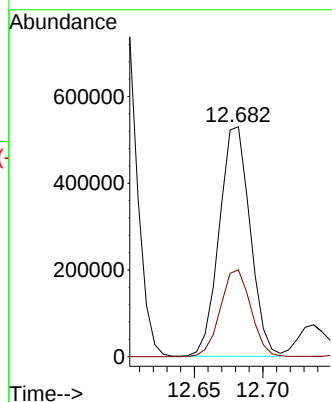
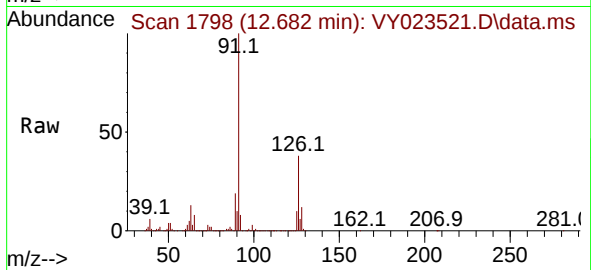




#79
2-Chlorotoluene
Concen: 54.463 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

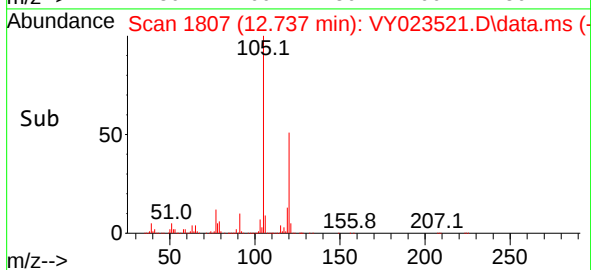
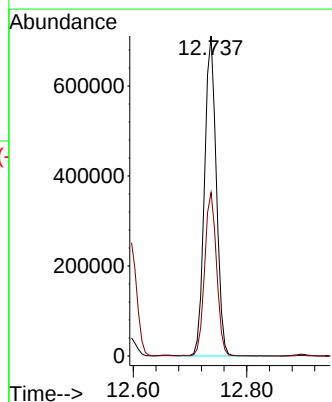
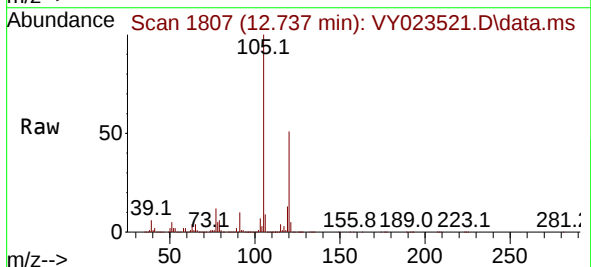
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

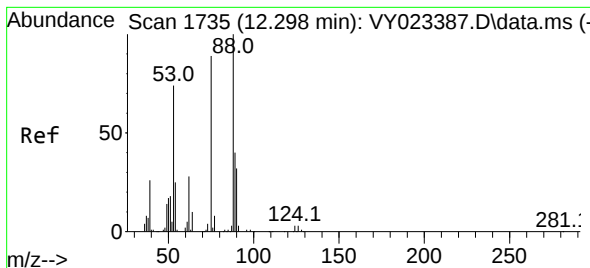
Tgt Ion: 91 Resp: 830894
Ion Ratio Lower Upper
91 100
126 37.5 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 56.451 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 105 Resp: 1026971
Ion Ratio Lower Upper
105 100
120 51.4 25.4 76.4

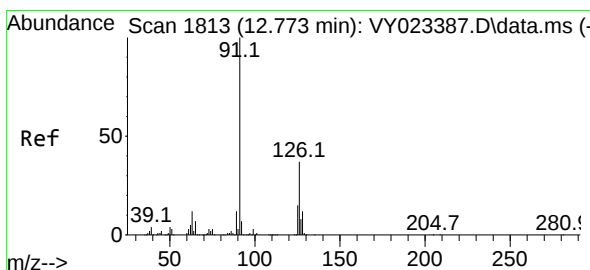
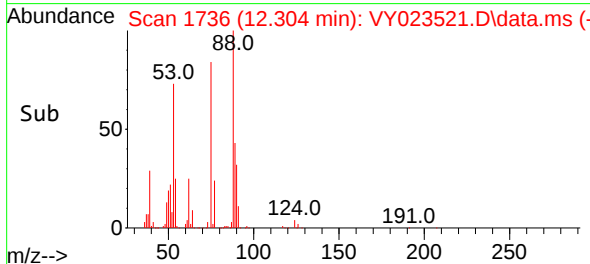
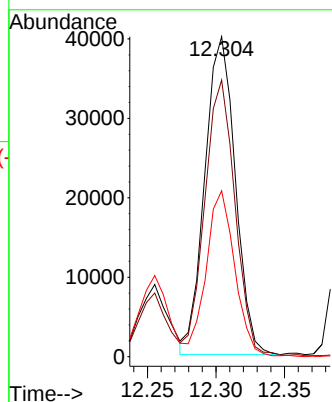
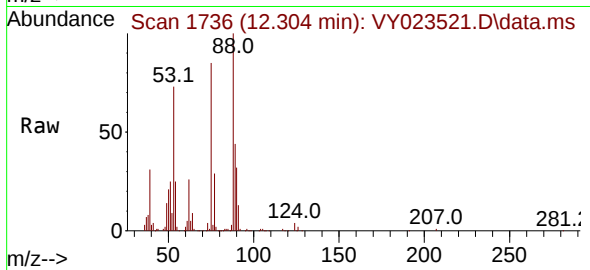




#81
trans-1,4-Dichloro-2-butene
Concen: 50.407 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

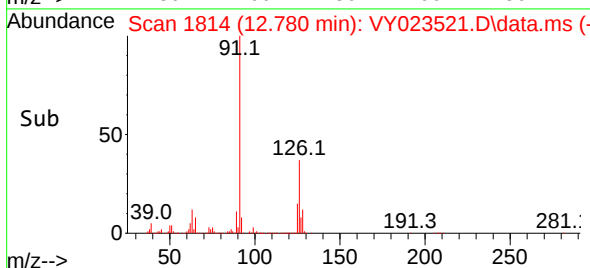
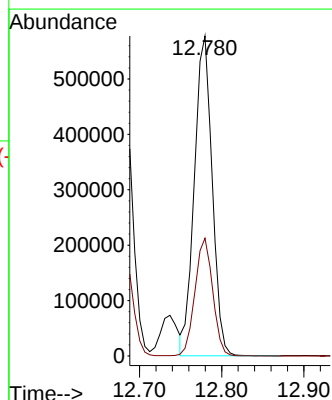
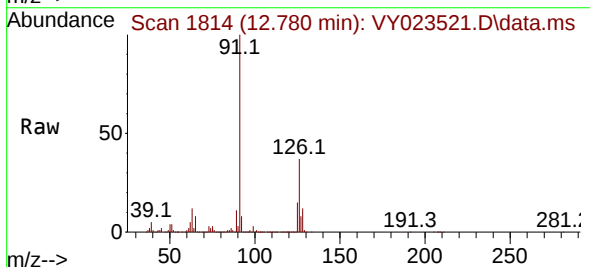
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

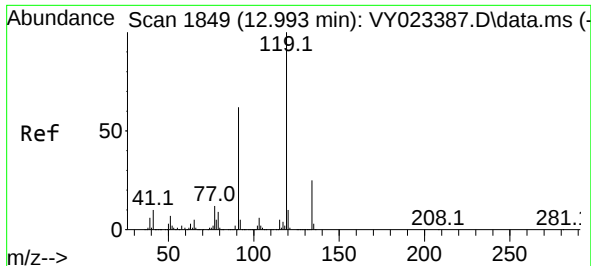
Tgt Ion: 75 Resp: 61955
Ion Ratio Lower Upper
75 100
53 86.5 68.6 102.8
89 48.7 39.0 58.4



#82
4-Chlorotoluene
Concen: 55.289 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 91 Resp: 868701
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4

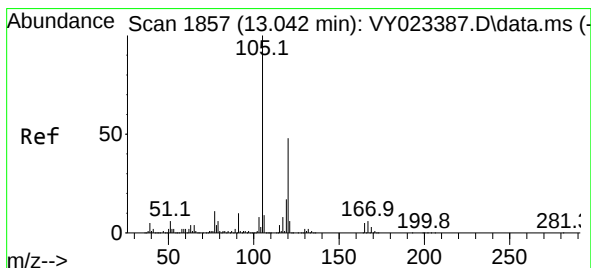
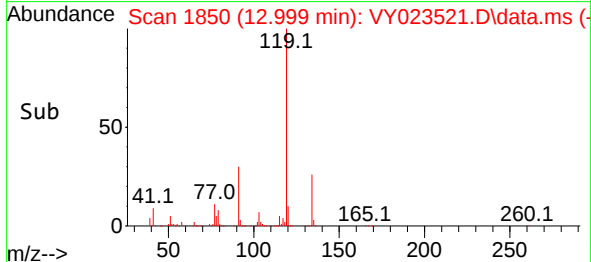
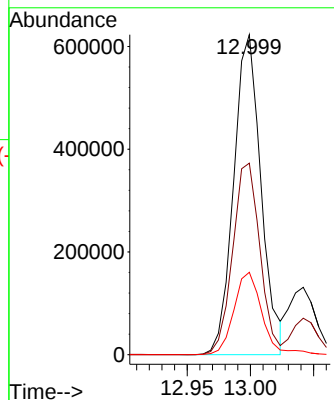
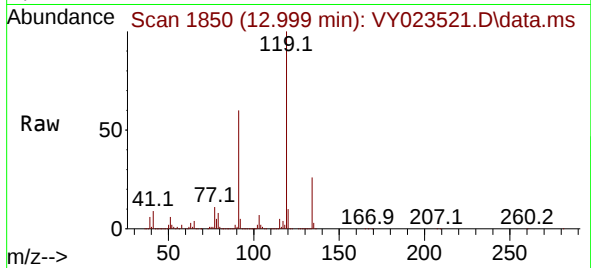




#83
 tert-Butylbenzene
 Concen: 55.842 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

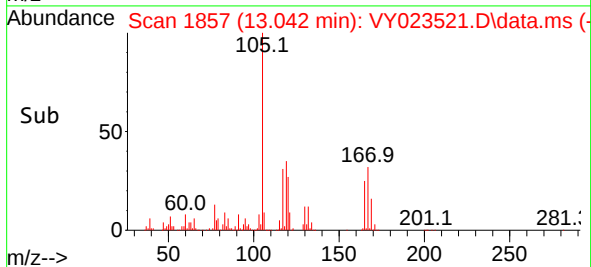
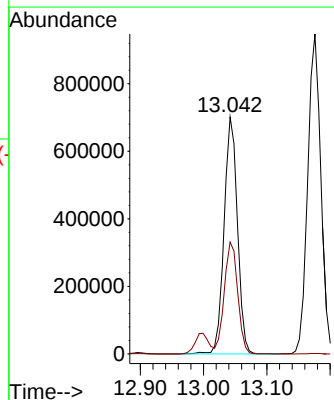
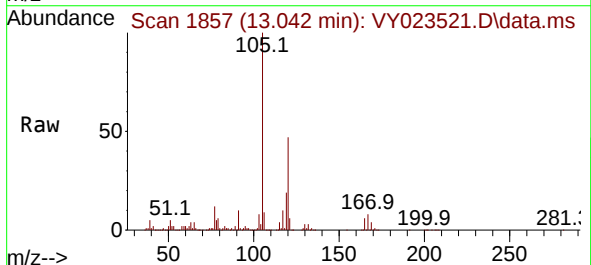
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

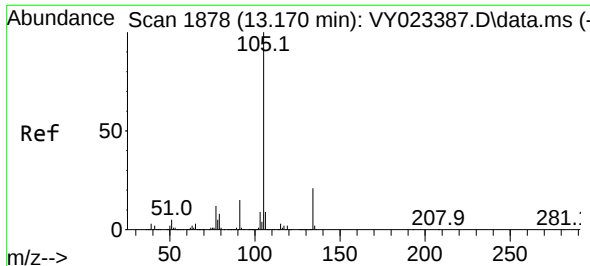
Tgt Ion:119 Resp: 937982
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.9 89.8
 134 26.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 56.428 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

Tgt Ion:105 Resp: 1024486
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.8 71.2

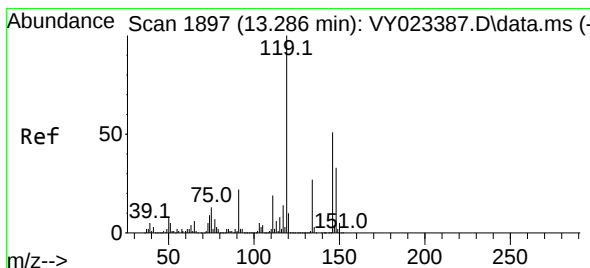
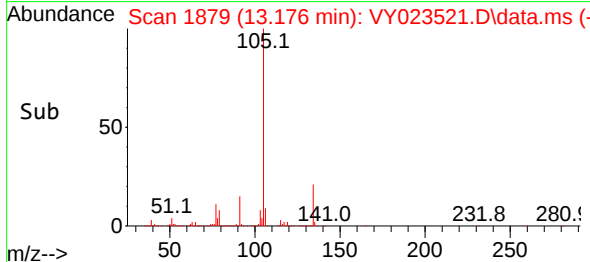
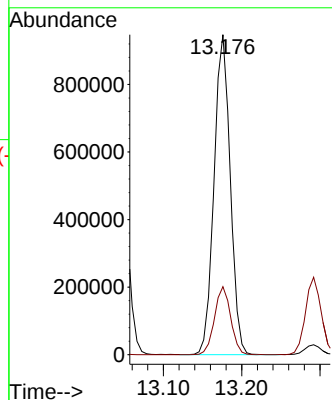
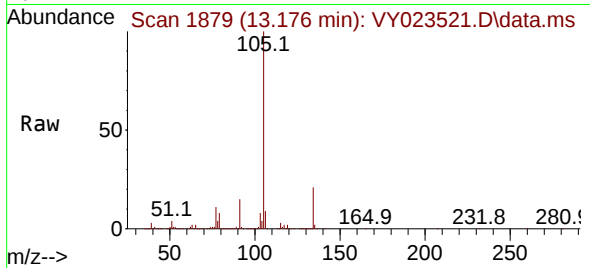




#85
 sec-Butylbenzene
 Concen: 56.437 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

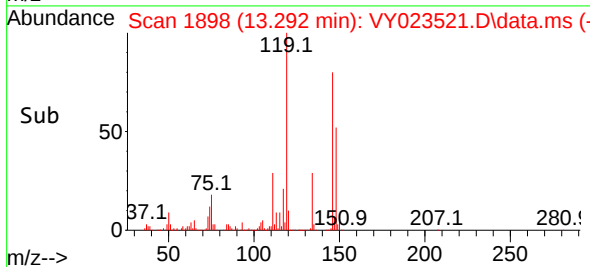
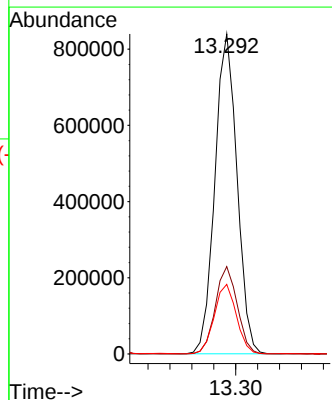
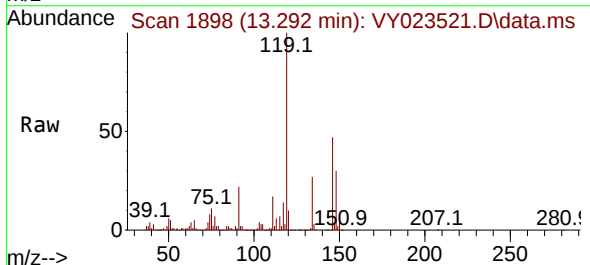
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

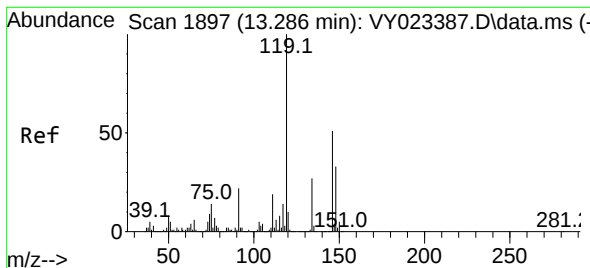
Tgt Ion:105 Resp: 1359841
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 57.354 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

Tgt Ion:119 Resp: 1176613
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 55.296 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

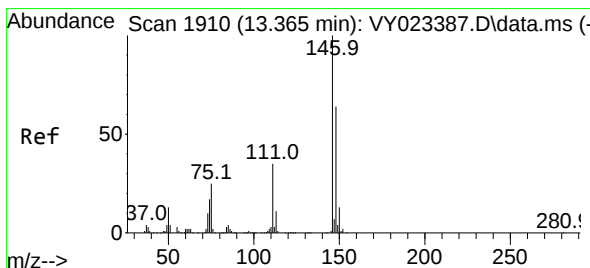
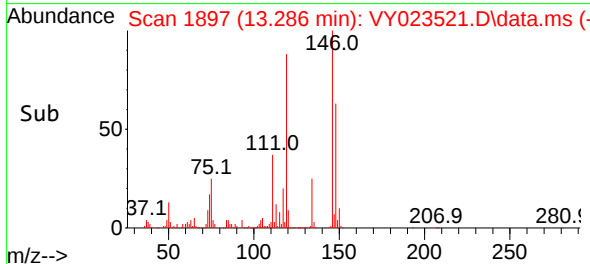
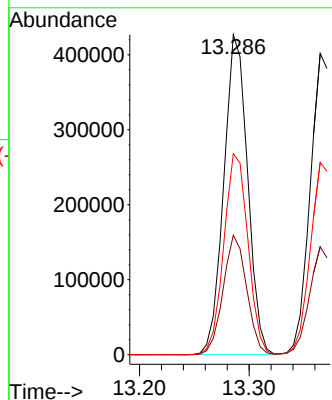
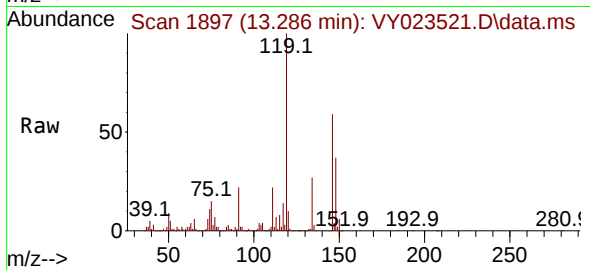
Tgt Ion:146 Resp: 644461

Ion Ratio Lower Upper

146 100

111 36.9 18.7 56.1

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.800 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023521.D

Acq: 21 Oct 2025 09:05

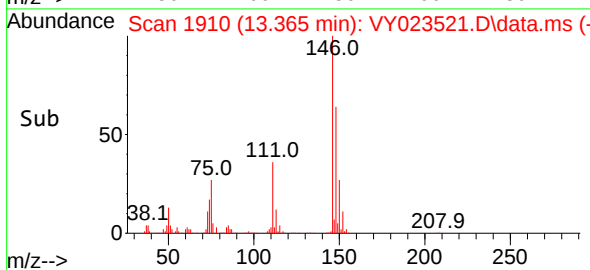
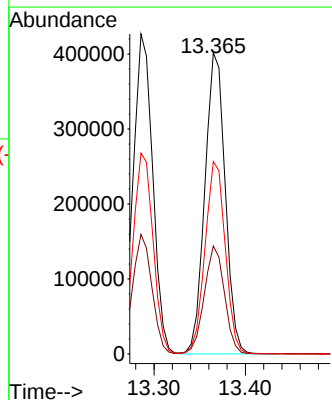
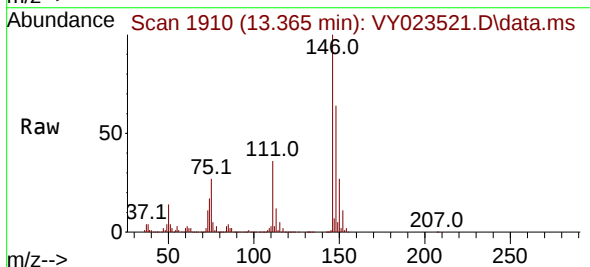
Tgt Ion:146 Resp: 619278

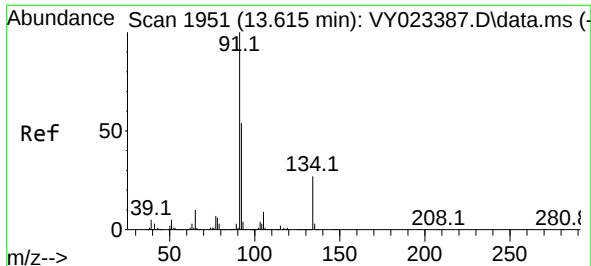
Ion Ratio Lower Upper

146 100

111 35.7 18.0 54.0

148 63.7 31.9 95.7

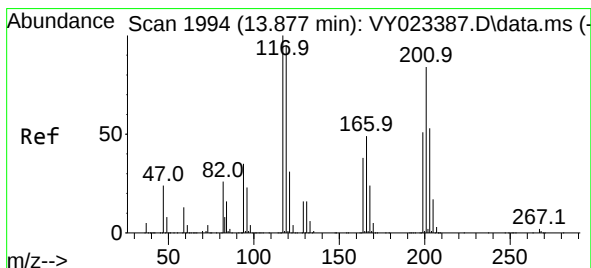
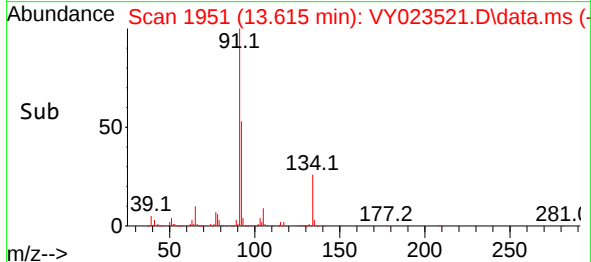
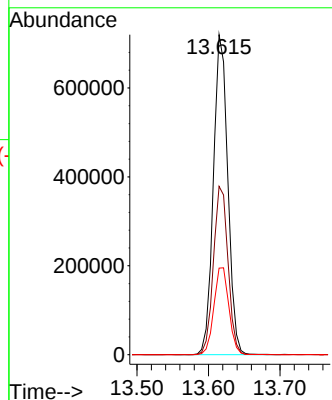
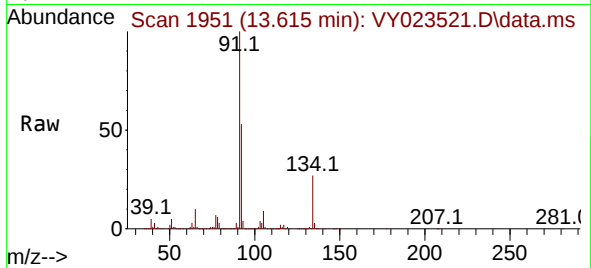




#89
n-Butylbenzene
Concen: 56.295 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

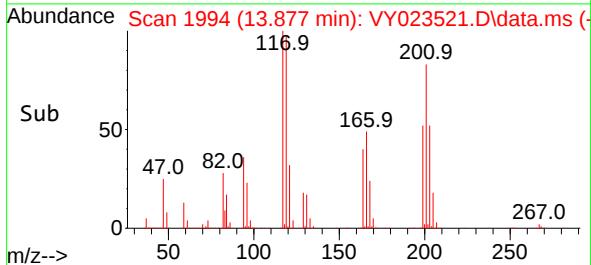
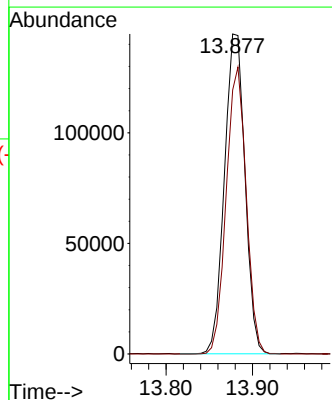
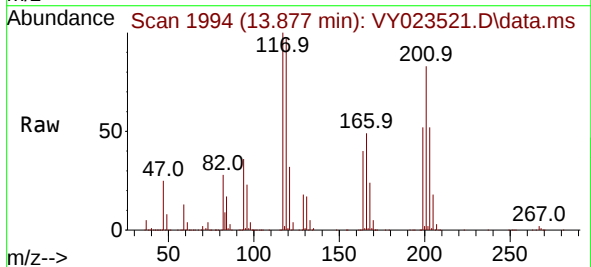
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

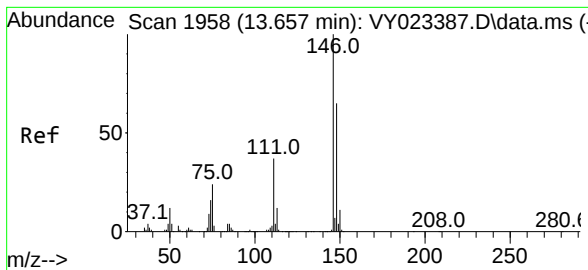
Tgt Ion: 91 Resp: 1006298
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 28.4 14.1 42.2



#90
Hexachloroethane
Concen: 54.052 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion: 117 Resp: 238499
Ion Ratio Lower Upper
117 100
201 87.0 43.8 131.4

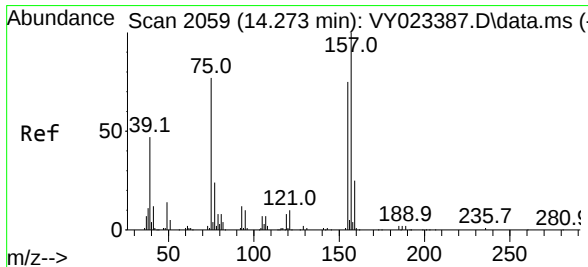
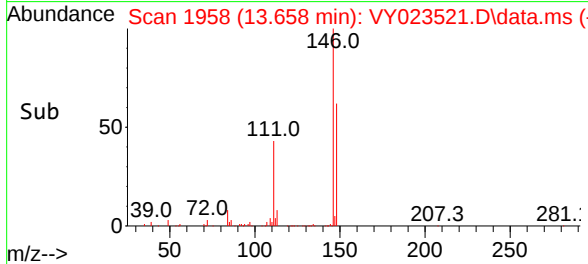
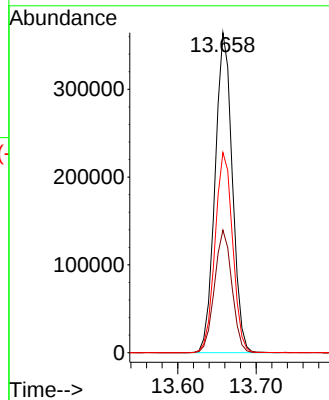
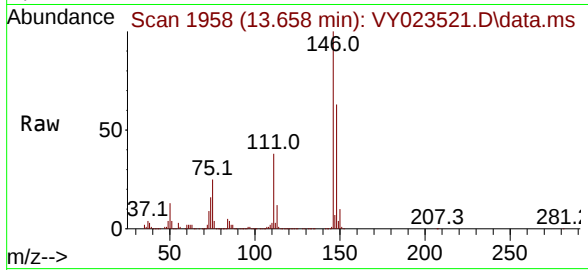




#91
 1,2-Dichlorobenzene
 Concen: 54.620 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

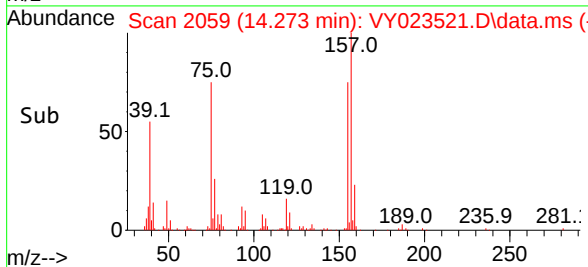
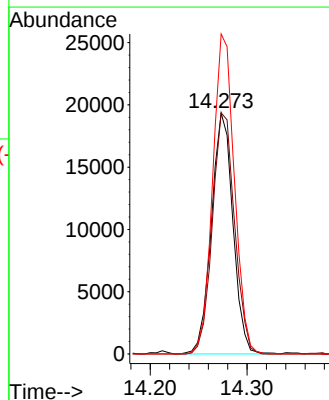
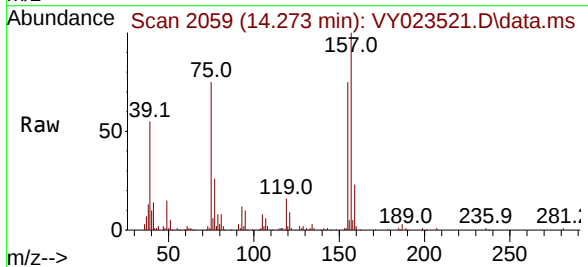
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

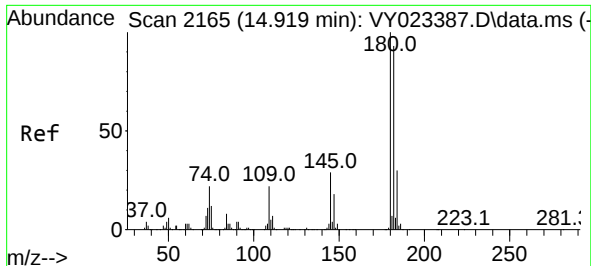
Tgt Ion:146 Resp: 558110
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.0 57.0
 148 63.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.569 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

Tgt Ion: 75 Resp: 29948
 Ion Ratio Lower Upper
 75 100
 155 102.7 50.0 150.0
 157 133.3 63.8 191.5

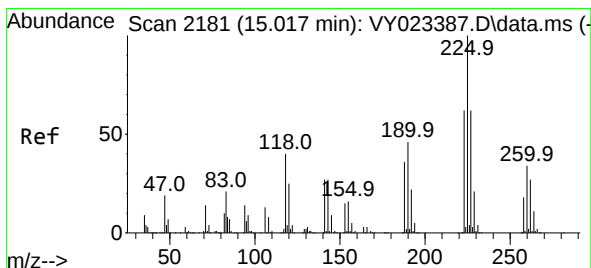
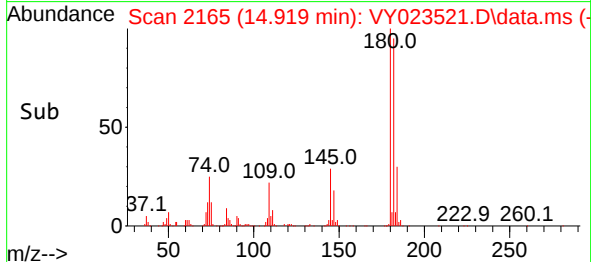
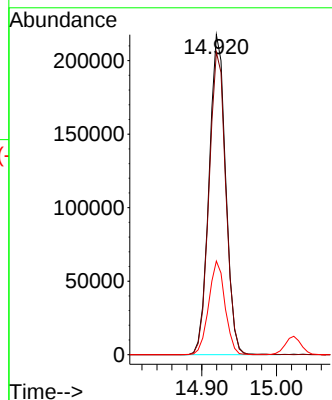
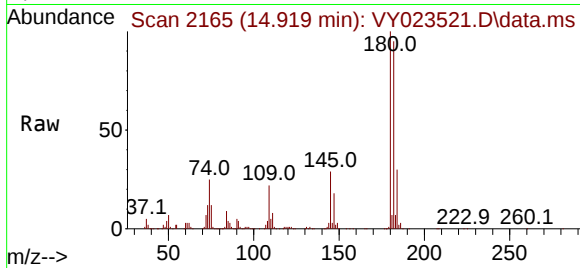




#93
 1,2,4-Trichlorobenzene
 Concen: 52.665 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

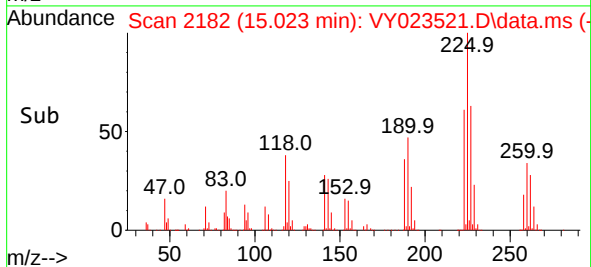
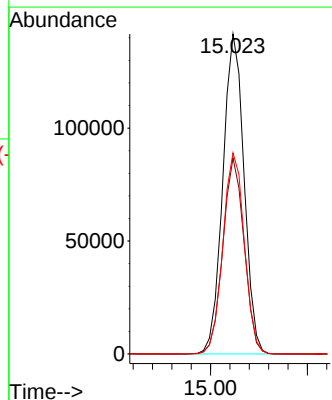
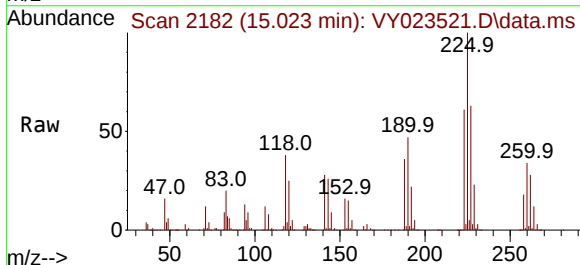
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

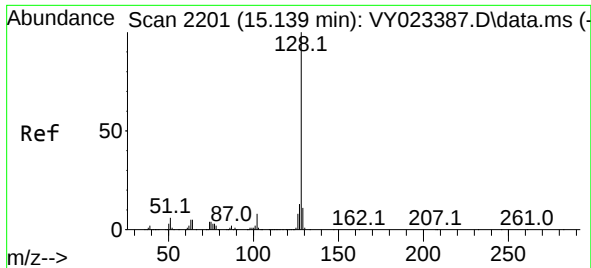
Tgt Ion:180 Resp: 335488
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 28.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 54.210 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023521.D
 Acq: 21 Oct 2025 09:05

Tgt Ion:225 Resp: 215262
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.8 92.3
 227 63.6 31.9 95.7

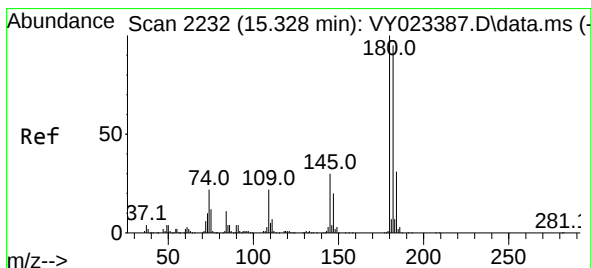
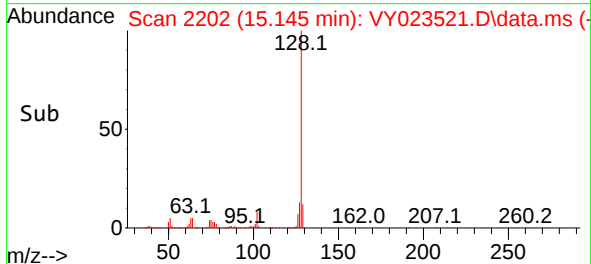
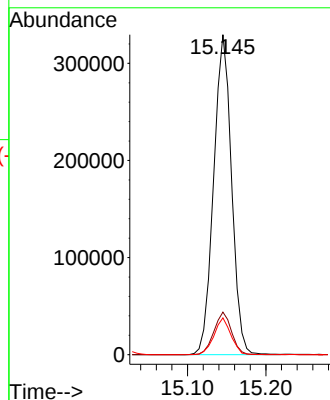
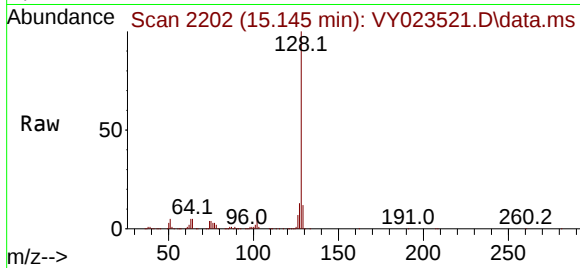




#95
Naphthalene
Concen: 51.618 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 523602
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.203 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023521.D
Acq: 21 Oct 2025 09:05

Tgt Ion:180 Resp: 288040
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.8
145 30.9 15.3 45.9

