

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023934.D
 Acq On : 10 Dec 2025 12:02
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 11 03:45:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:41:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	490096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	732414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	621277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	321203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	26397	6.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.180%#
35) Dibromofluoromethane	7.640	113	26527	5.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.080%#
50) Toluene-d8	10.109	98	94921	5.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	12.408	95	32277	5.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15543	4.573	ug/l	100
3) Chloromethane	2.074	50	20861	4.778	ug/l	93
4) Vinyl Chloride	2.208	62	23135	4.288	ug/l	94
5) Bromomethane	2.605	94	23477	5.111	ug/l	92
6) Chloroethane	2.745	64	16634	4.376	ug/l	100
7) Trichlorofluoromethane	3.068	101	36382	4.479	ug/l	100
8) Diethyl Ether	3.458	74	10725	4.806	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	21701	4.584	ug/l	98
10) Methyl Iodide	4.013	142	18597	3.109	ug/l	99
11) Tert butyl alcohol	4.879	59	7135	28.436	ug/l #	88
12) 1,1-Dichloroethene	3.806	96	19474	4.379	ug/l	86
13) Acrolein	3.665	56	10750	26.787	ug/l	95
14) Allyl chloride	4.391	41	23678	4.161	ug/l	98
15) Acrylonitrile	5.080	53	21897	24.630	ug/l	97
16) Acetone	3.879	43	39756	3.398	ug/l	97
17) Carbon Disulfide	4.110	76	45754	3.874	ug/l	97
18) Methyl Acetate	4.397	43	10803	5.510	ug/l #	73
19) Methyl tert-butyl Ether	5.122	73	46784	4.399	ug/l	94
20) Methylene Chloride	4.623	84	29507	5.788	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	21817	4.468	ug/l #	83
22) Diisopropyl ether	6.025	45	51883	4.004	ug/l	88
23) Vinyl Acetate	5.976	43	146499	20.347	ug/l	96
24) 1,1-Dichloroethane	5.927	63	34730	4.300	ug/l	98
25) 2-Butanone	6.903	43	33352	24.906	ug/l	90
26) 2,2-Dichloropropane	6.890	77	32371	4.292	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	23682	4.225	ug/l	97
28) Bromochloromethane	7.250	49	19267	6.332	ug/l	100
29) Tetrahydrofuran	7.275	42	15784	23.112	ug/l	92
30) Chloroform	7.427	83	39514	4.479	ug/l	95
31) Cyclohexane	7.707	56	35222	4.740	ug/l #	72
32) 1,1,1-Trichloroethane	7.622	97	35774	4.373	ug/l	98
36) 1,1-Dichloropropene	7.841	75	26755	4.105	ug/l	98
37) Ethyl Acetate	6.994	43	12776	4.813	ug/l	100
38) Carbon Tetrachloride	7.823	117	33021	4.180	ug/l	96
39) Methylcyclohexane	9.110	83	33641	3.863	ug/l	95
40) Benzene	8.085	78	82866	4.175	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	17441	11.945	ug/l #	30
42) 1,2-Dichloroethane	8.165	62	23153	4.448	ug/l	99
43) Isopropyl Acetate	8.207	43	22070	4.415	ug/l	94
44) Trichloroethene	8.872	130	24818	4.312	ug/l	94
45) 1,2-Dichloropropane	9.146	63	19020	4.247	ug/l	94
46) Dibromomethane	9.238	93	11416	4.328	ug/l	95
47) Bromodichloromethane	9.427	83	30611	4.411	ug/l	98
48) Methyl methacrylate	9.225	41	9006	3.870	ug/l	87
49) 1,4-Dioxane	9.238	88	2993	101.782	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	56839	21.460	ug/l	100
52) Toluene	10.176	92	52310	3.983	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	23858	3.979	ug/l	90
54) cis-1,3-Dichloropropene	9.859	75	27633	3.911	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	16724	4.607	ug/l	94
56) Ethyl methacrylate	10.445	69	16329	3.794	ug/l	96
57) 1,3-Dichloropropane	10.719	76	25485	4.340	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	38904	20.868	ug/l	98
59) 2-Hexanone	10.762	43	42038	20.913	ug/l	98
60) Dibromochloromethane	10.914	129	21954	4.368	ug/l	99
61) 1,2-Dibromoethane	11.018	107	15234	4.528	ug/l	99
64) Tetrachloroethene	10.652	164	29159	4.369	ug/l	93
65) Chlorobenzene	11.445	112	62343	4.331	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	21584	4.275	ug/l	97
67) Ethyl Benzene	11.518	91	95082	3.942	ug/l	98
68) m/p-Xylenes	11.634	106	74935	7.826	ug/l	99
69) o-Xylene	11.957	106	34889	3.895	ug/l	96
70) Styrene	11.975	104	53523	3.699	ug/l	98
71) Bromoform	12.133	173	13972	4.696	ug/l #	97
73) Isopropylbenzene	12.255	105	91069	3.880	ug/l	99
74) N-amyl acetate	12.072	43	15057	3.616	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	16289	4.557	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	22208	8.148	ug/l #	100
77) Bromobenzene	12.536	156	25779	4.426	ug/l	96
78) n-propylbenzene	12.597	91	106208	3.889	ug/l	99
79) 2-Chlorotoluene	12.682	91	61625	3.972	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	69918	3.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	4977	4.170	ug/l	93
82) 4-Chlorotoluene	12.780	91	66425	4.159	ug/l	96
83) tert-Butylbenzene	12.999	119	66159	3.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	69445	3.743	ug/l	99
85) sec-Butylbenzene	13.176	105	99402	3.938	ug/l	99
86) p-Isopropyltoluene	13.292	119	82686	3.870	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	49569	4.382	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	51394	4.609	ug/l	94
89) n-Butylbenzene	13.621	91	73525	3.933	ug/l	97
90) Hexachloroethane	13.883	117	18767	4.305	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	45242	4.617	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2834	5.121	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	25721	4.466	ug/l	96
94) Hexachlorobutadiene	15.023	225	17765	4.705	ug/l	96
95) Naphthalene	15.145	128	38729	4.349	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	23261	4.746	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

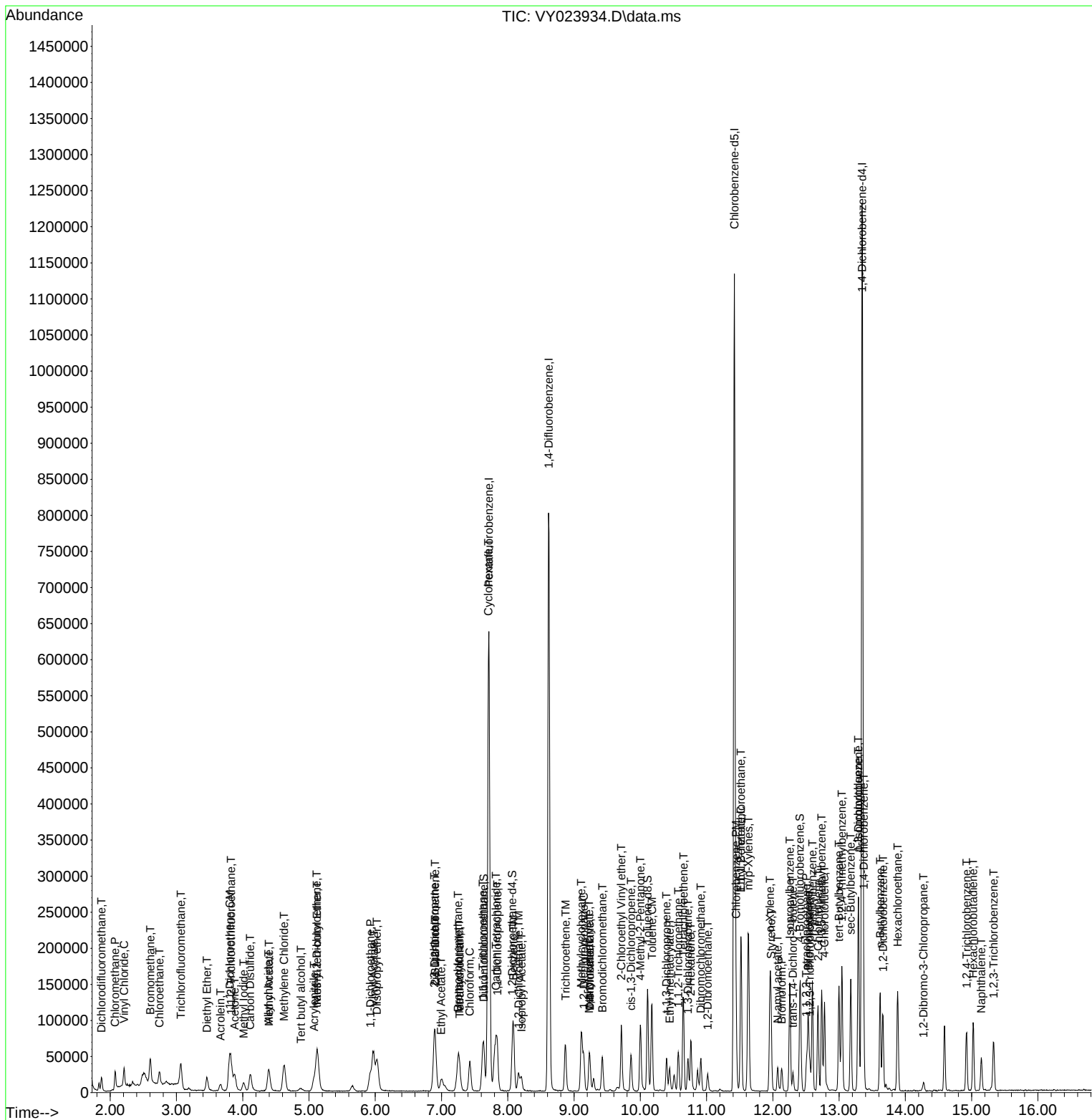
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MSVOA_Y
ClientSampleId :
VSTDICC005

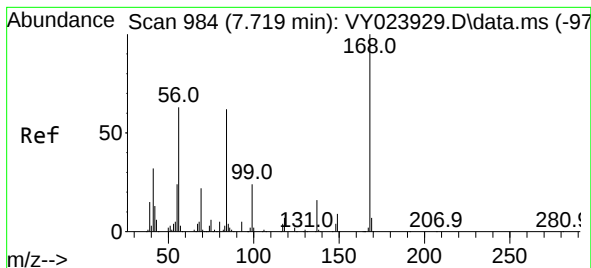
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:41:20 2025
Response via : Initial Calibration

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# 9

Delta R.T. -0.006 min

Lab File: VY023934.D

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MSVOA_Y

ClientSampleId :

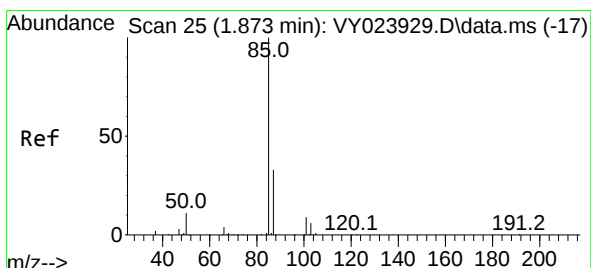
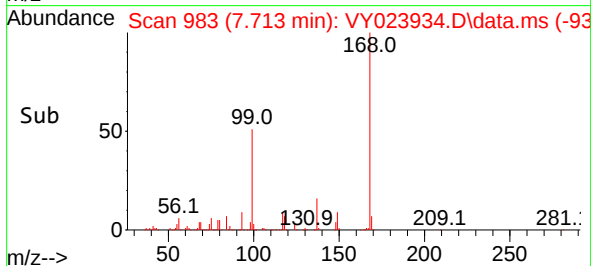
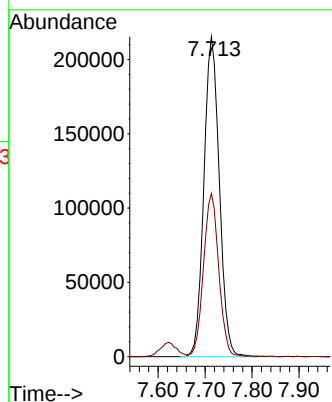
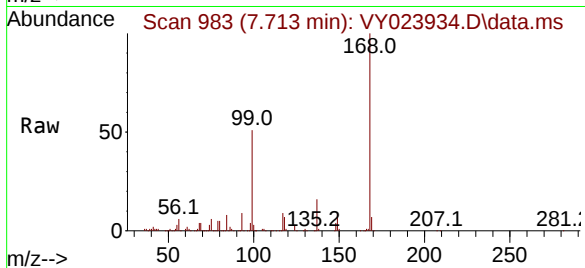
VSTDICC005

Tgt Ion:168 Resp: 490096

Ion Ratio Lower Upper

168 100

99 51.0 38.9 58.3



#2

Dichlorodifluoromethane

Concen: 4.573 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.006 min

Lab File: VY023934.D

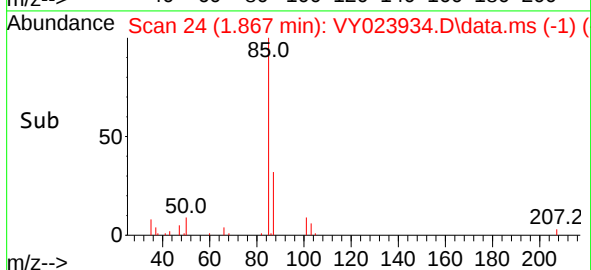
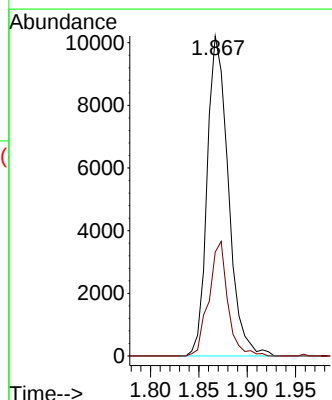
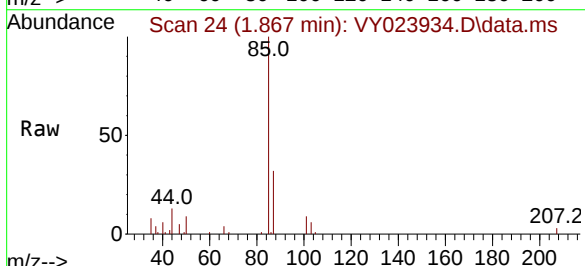
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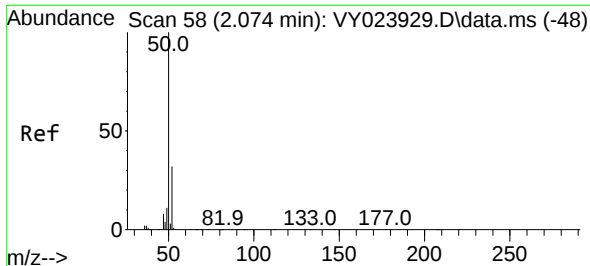
Tgt Ion: 85 Resp: 15543

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1

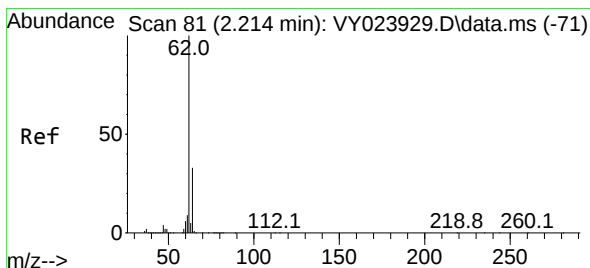
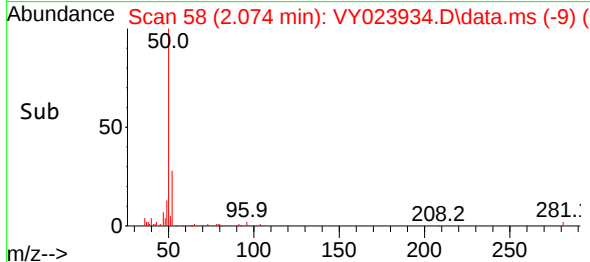
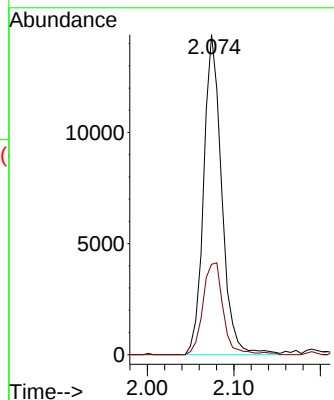
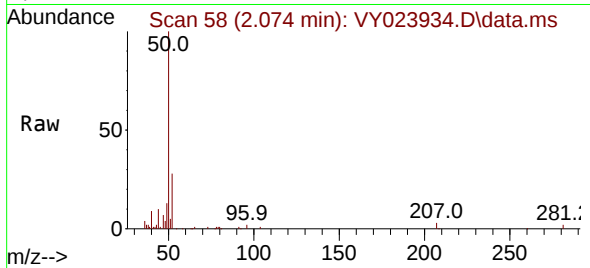




#3
Chloromethane
Concen: 4.778 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

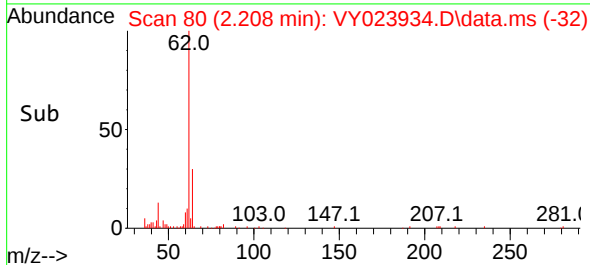
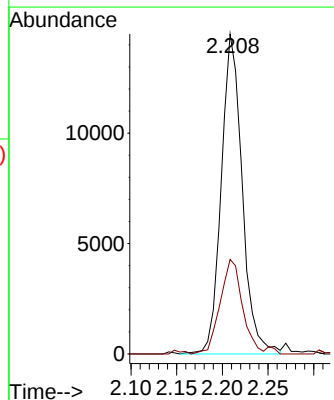
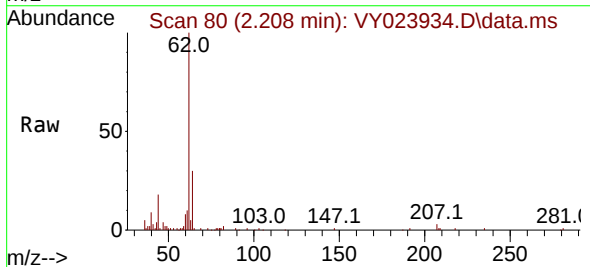
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

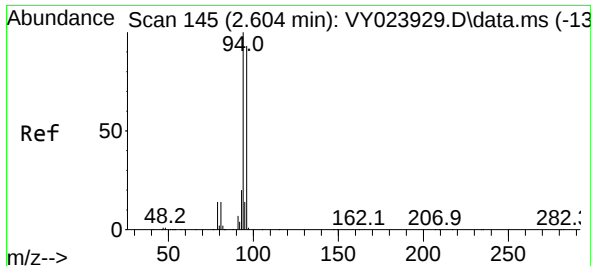
Tgt Ion: 50 Resp: 20861
Ion Ratio Lower Upper
50 100
52 28.3 25.8 38.8



#4
Vinyl Chloride
Concen: 4.288 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 62 Resp: 23135
Ion Ratio Lower Upper
62 100
64 29.5 26.2 39.4

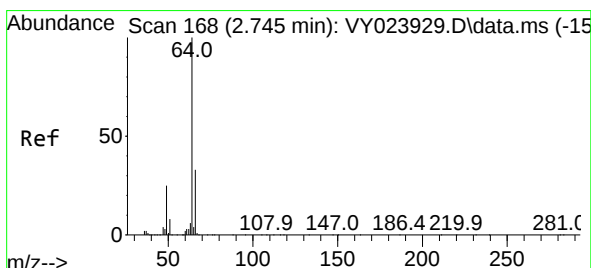
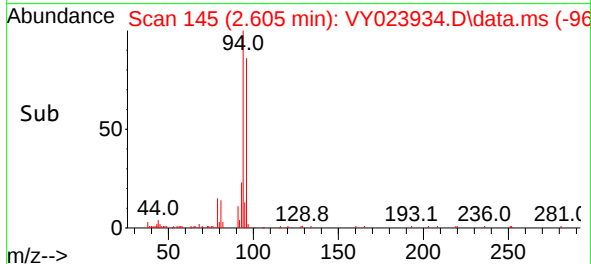
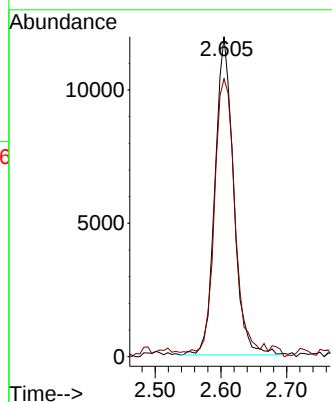
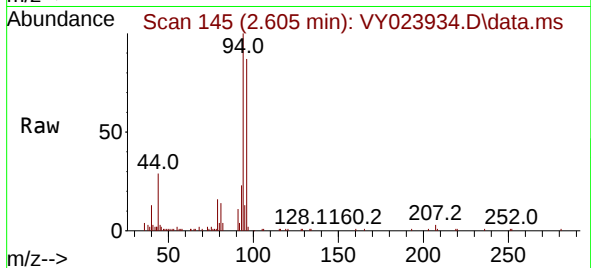




#5
Bromomethane
Concen: 5.111 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

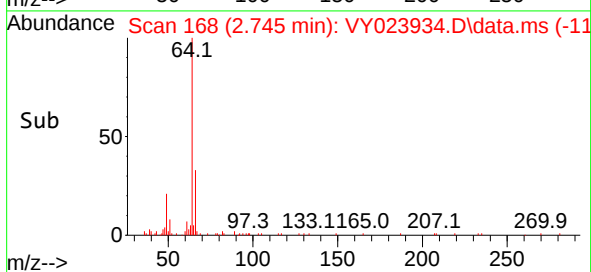
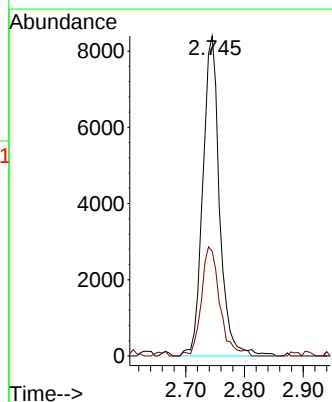
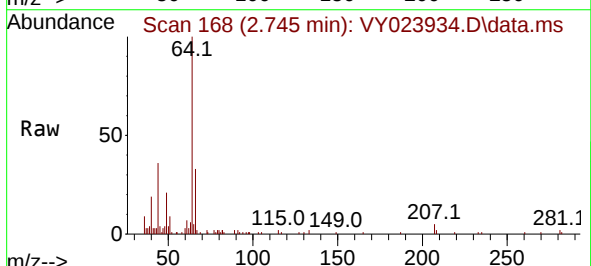
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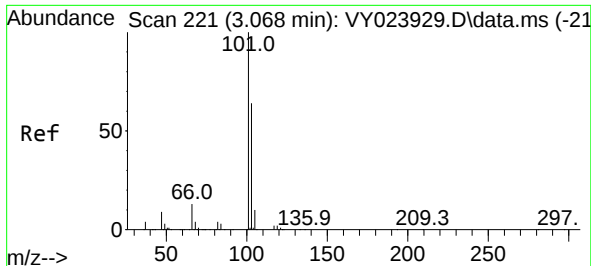
Tgt Ion: 94 Resp: 23477
Ion Ratio Lower Upper
94 100
96 86.0 74.8 112.2



#6
Chloroethane
Concen: 4.376 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 64 Resp: 16634
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0

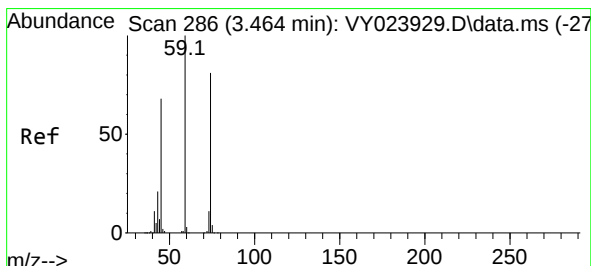
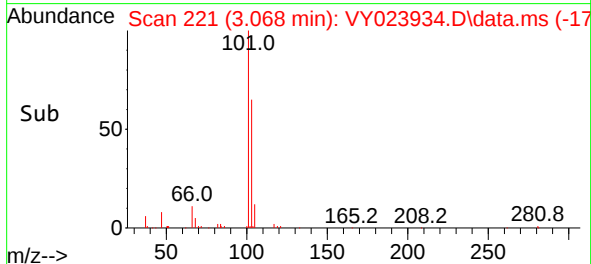
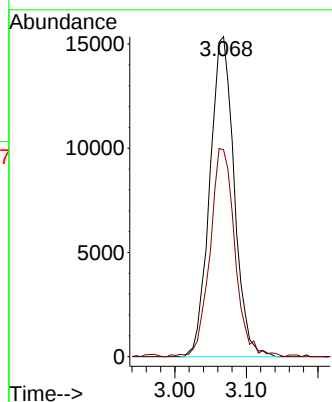
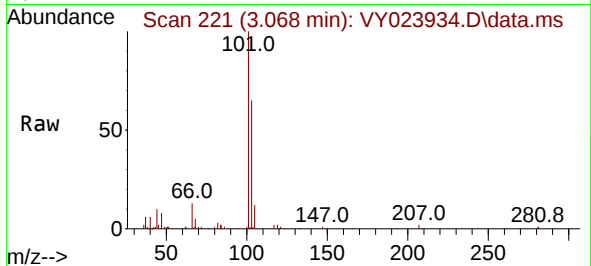




#7
Trichlorofluoromethane
Concen: 4.479 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

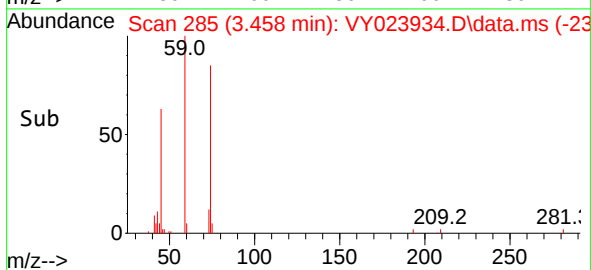
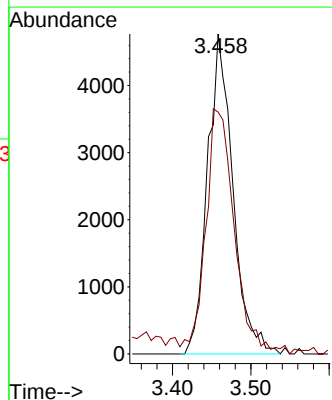
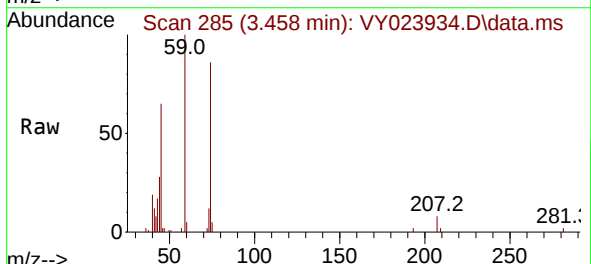
Instrument :
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VSTDICC005

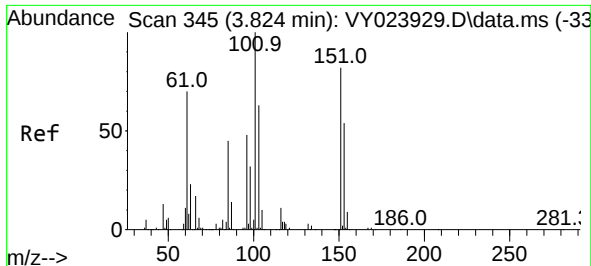
Tgt Ion:101 Resp: 36382
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2



#8
Diethyl Ether
Concen: 4.806 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 74 Resp: 10725
Ion Ratio Lower Upper
74 100
45 86.9 42.0 126.1

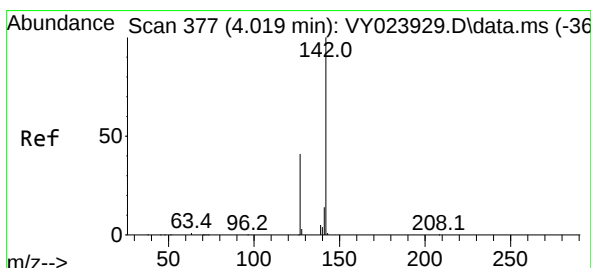
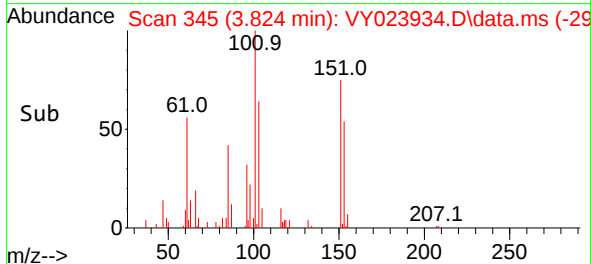
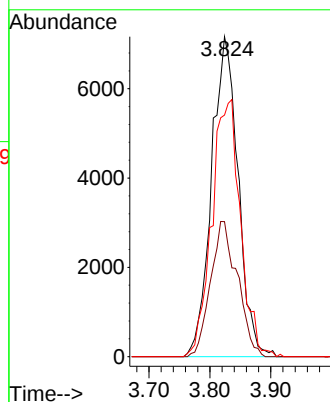
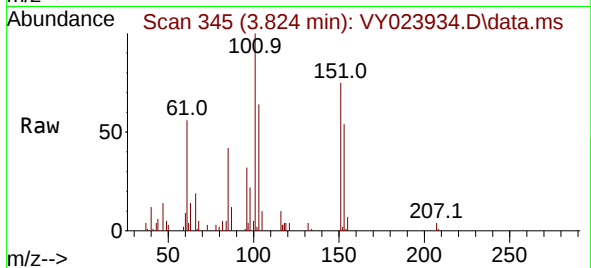




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.584 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

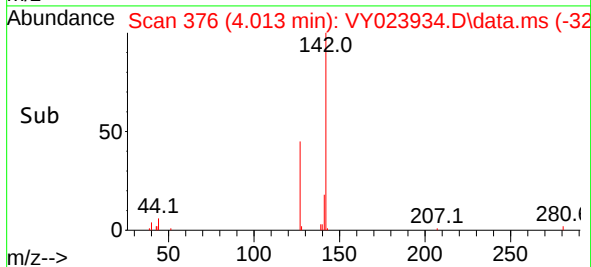
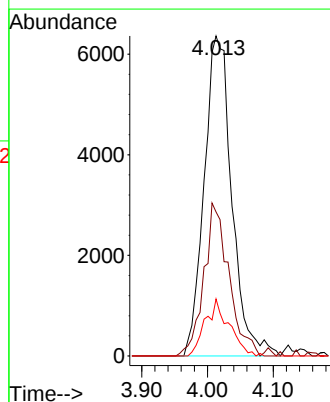
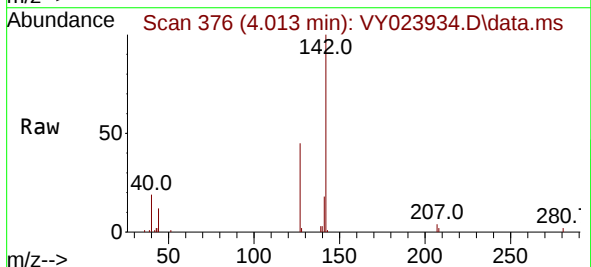
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

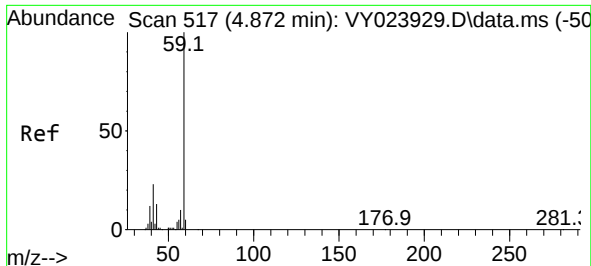
Tgt Ion:101 Resp: 21701
Ion Ratio Lower Upper
101 100
85 42.7 35.1 52.7
151 86.3 67.2 100.8



#10
Methyl Iodide
Concen: 3.109 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:142 Resp: 18597
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7
141 15.4 11.5 17.3

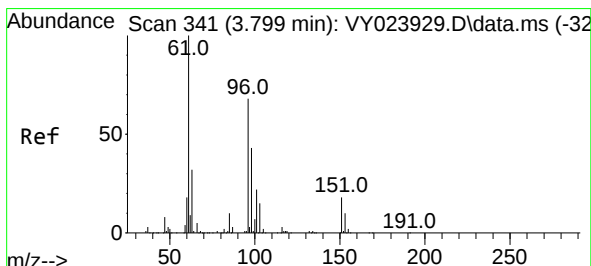
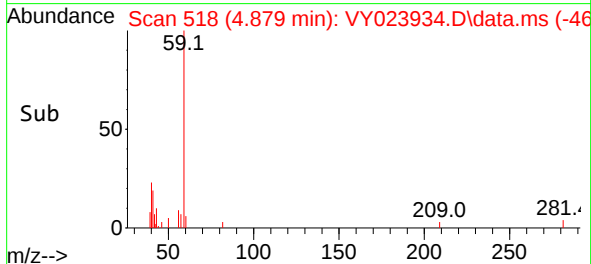
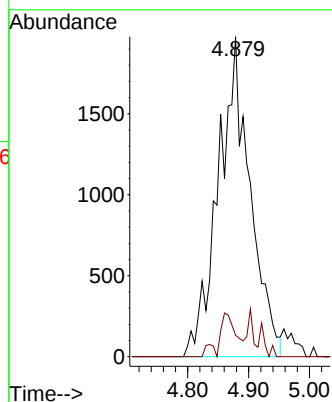
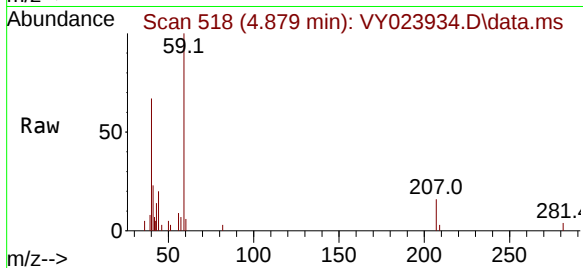




#11
Tert butyl alcohol
Concen: 28.436 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

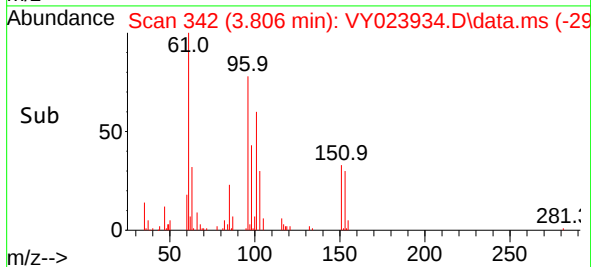
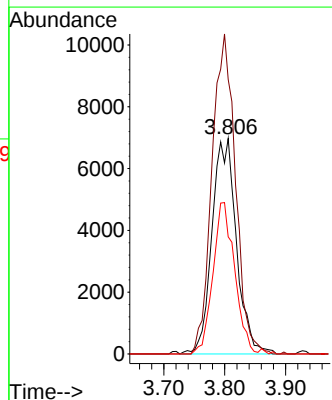
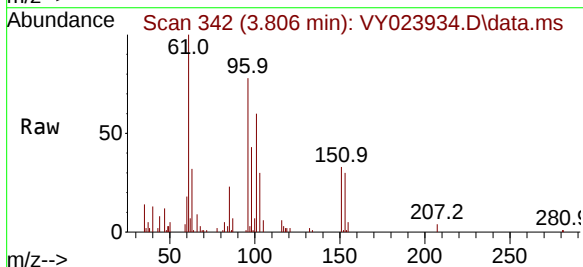
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

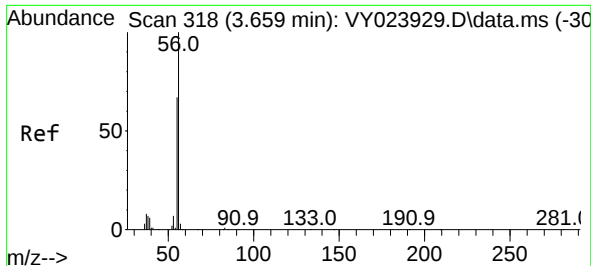
Tgt Ion: 59 Resp: 7135
Ion Ratio Lower Upper
59 100
57 6.3 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 4.379 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 96 Resp: 19474
Ion Ratio Lower Upper
96 100
61 127.4 117.0 175.6
98 54.3 50.5 75.7

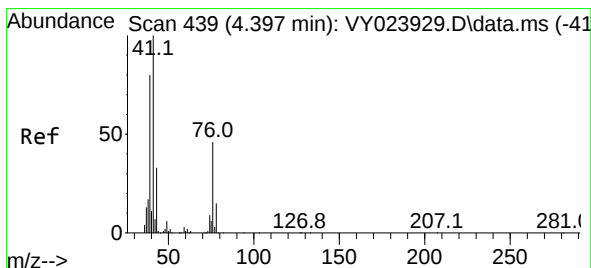
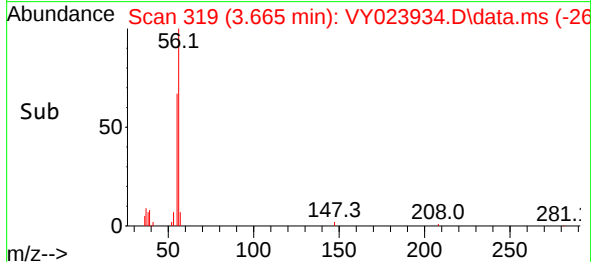
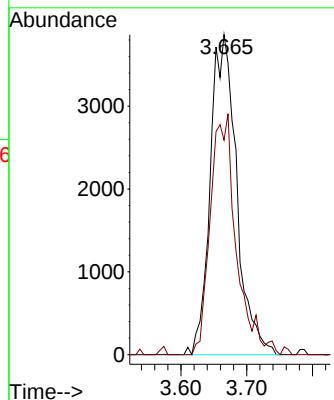
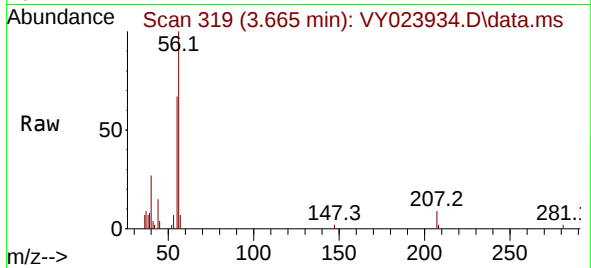




#13
Acrolein
Concen: 26.787 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

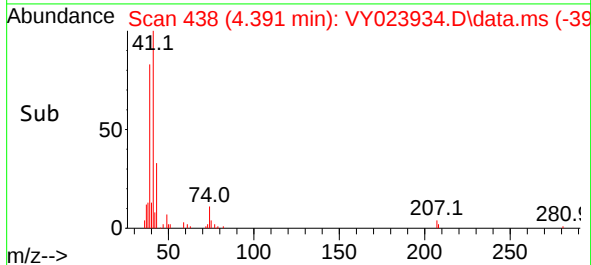
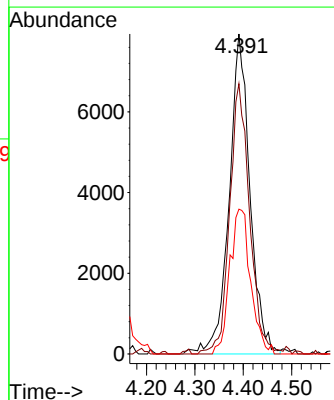
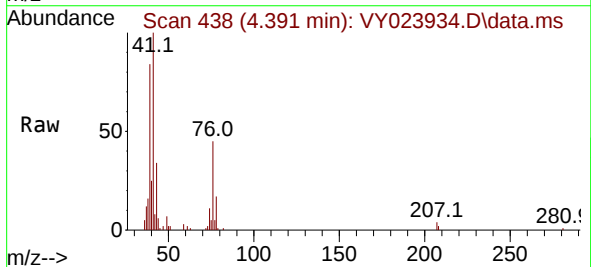
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

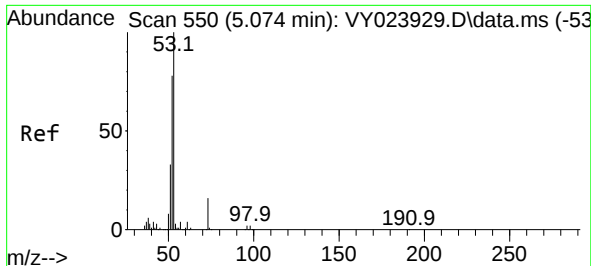
Tgt Ion: 56 Resp: 10750
Ion Ratio Lower Upper
56 100
55 73.9 55.7 83.5



#14
Allyl chloride
Concen: 4.161 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 41 Resp: 23678
Ion Ratio Lower Upper
41 100
39 80.9 62.9 94.3
76 45.4 35.7 53.5

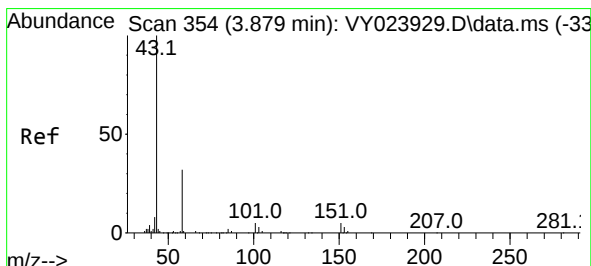
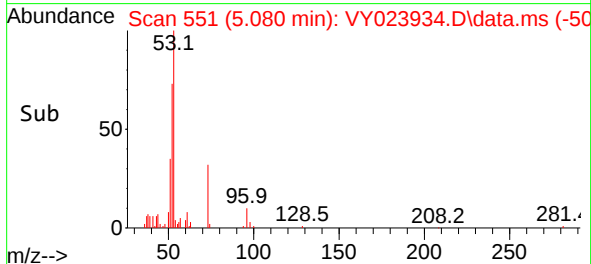
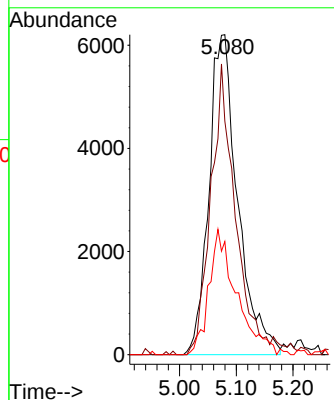
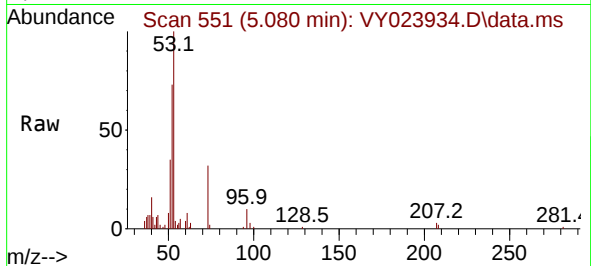




#15
Acrylonitrile
Concen: 24.630 ug/l
RT: 5.080 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

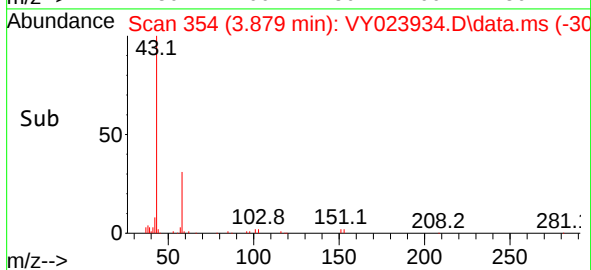
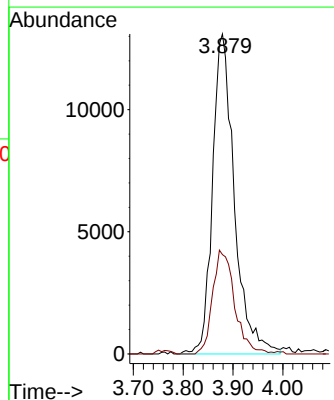
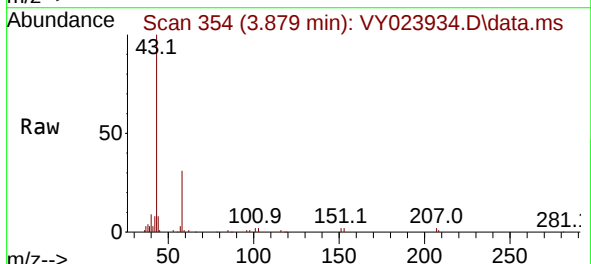
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

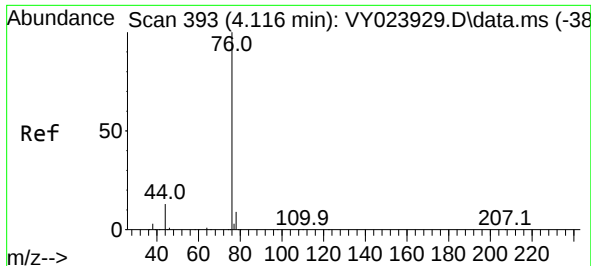
Tgt Ion: 53 Resp: 21897
Ion Ratio Lower Upper
53 100
52 76.6 64.2 96.2
51 37.9 29.3 43.9



#16
Acetone
Concen: 3.398 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 43 Resp: 39756
Ion Ratio Lower Upper
43 100
58 31.0 26.4 39.6

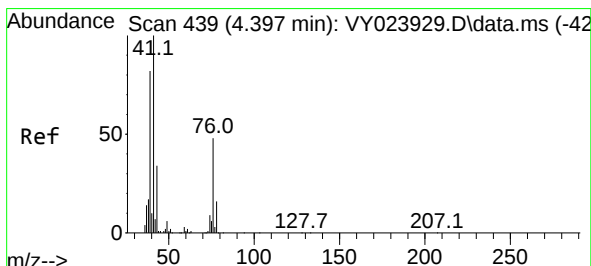
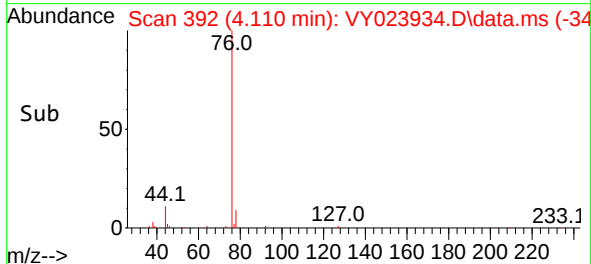
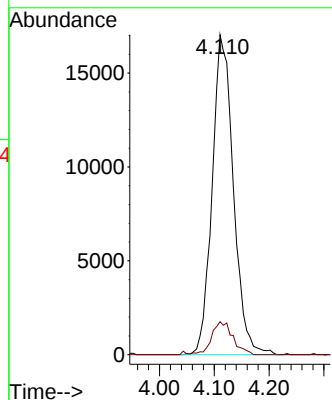
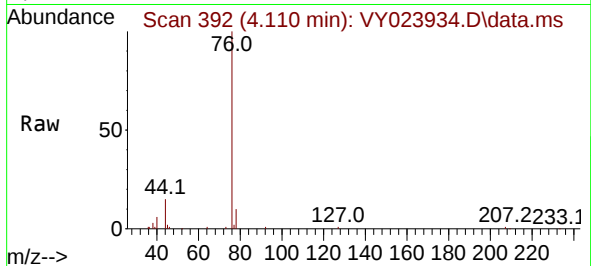




#17
Carbon Disulfide
Concen: 3.874 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

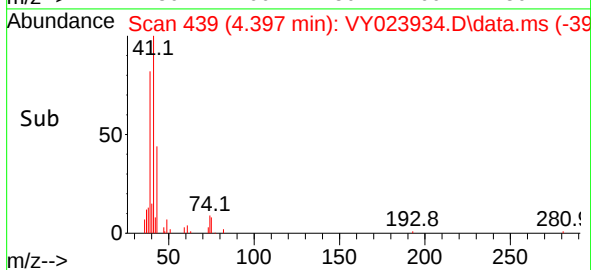
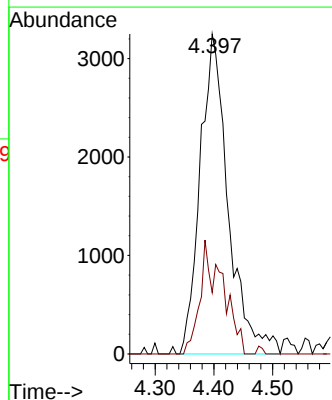
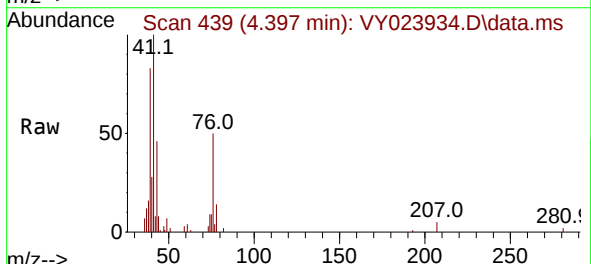
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

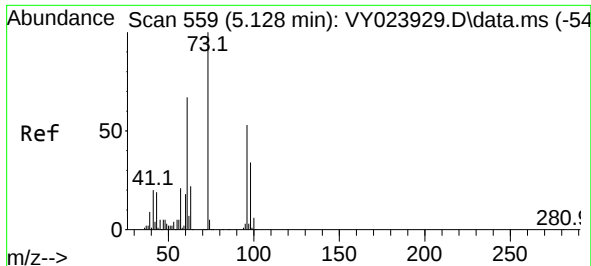
Tgt Ion: 76 Resp: 45754
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#18
Methyl Acetate
Concen: 5.510 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 43 Resp: 10803
Ion Ratio Lower Upper
43 100
74 14.2 22.6 33.8#





#19

Methyl tert-butyl Ether

Concen: 4.399 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

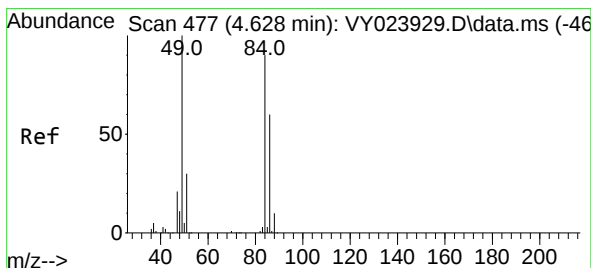
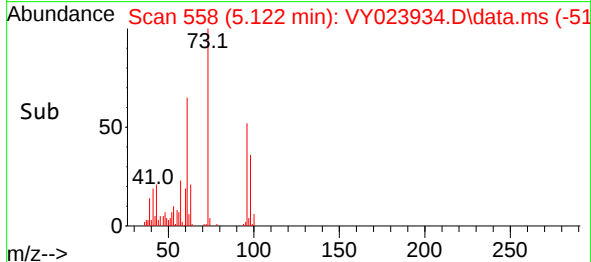
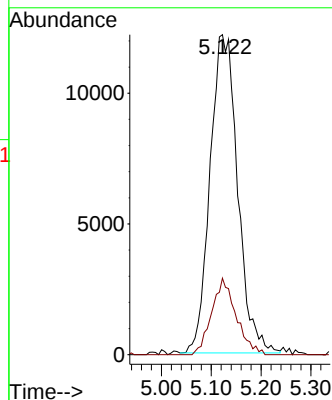
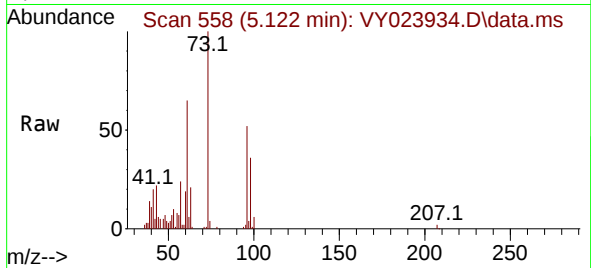
VSTDIC005

Tgt Ion: 73 Resp: 46784

Ion Ratio Lower Upper

73 100

57 24.1 17.1 25.7



#20

Methylene Chloride

Concen: 5.788 ug/l

RT: 4.623 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Tgt Ion: 84 Resp: 29507

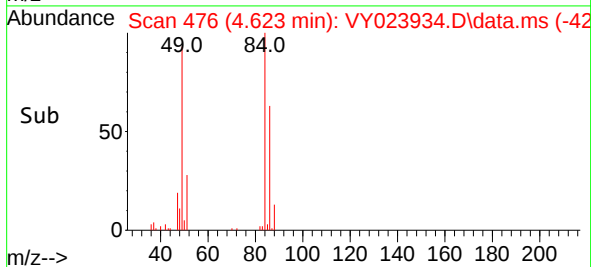
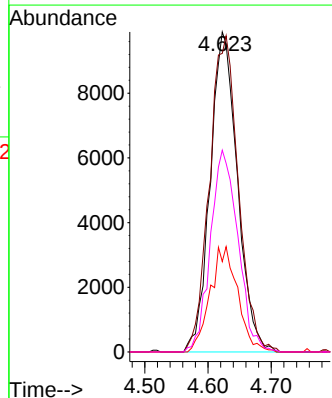
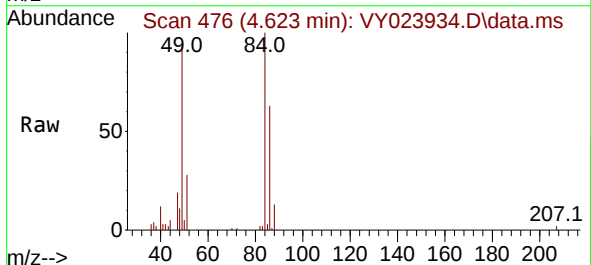
Ion Ratio Lower Upper

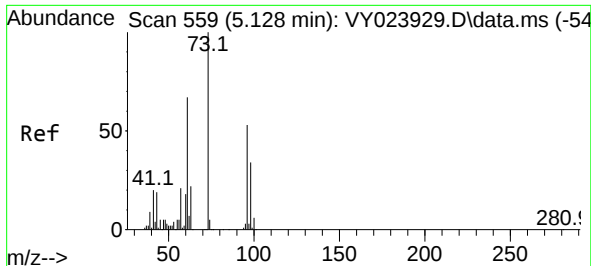
84 100

49 93.3 89.1 133.7

51 28.2 26.6 39.8

86 63.0 53.4 80.0

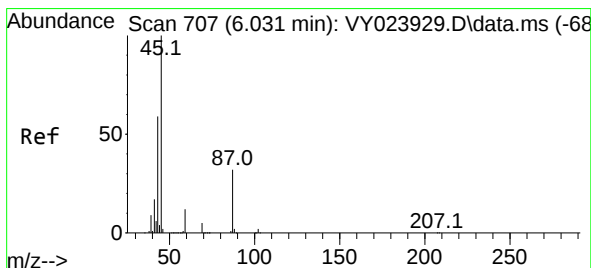
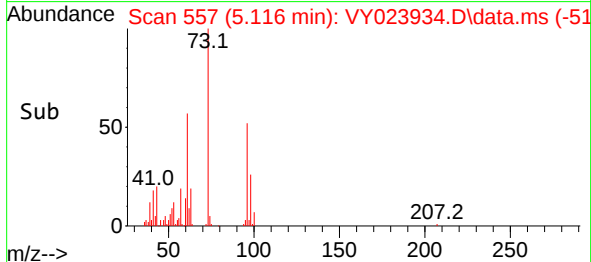
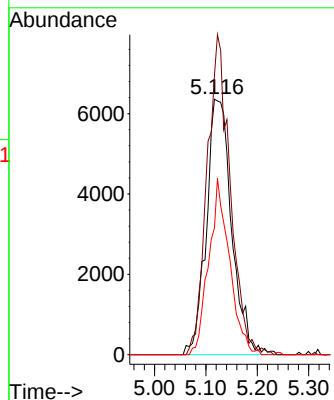
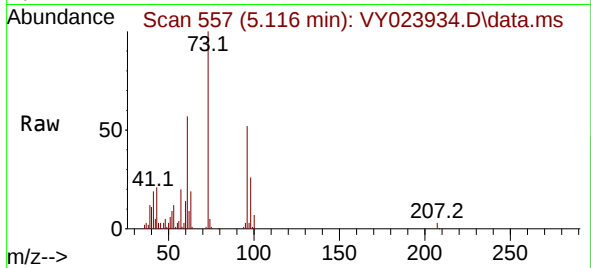




#21
trans-1,2-Dichloroethene
Concen: 4.468 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

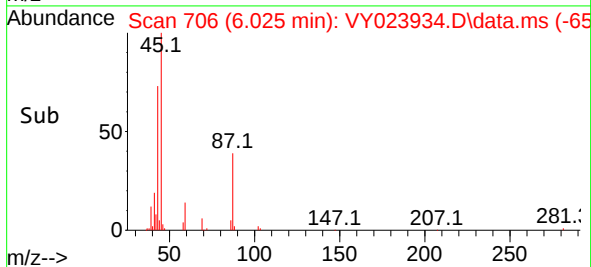
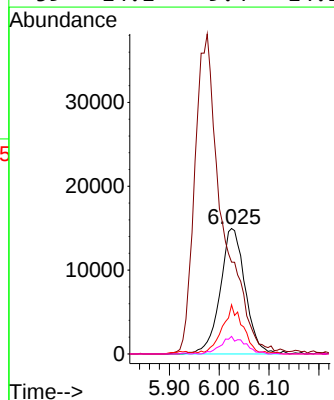
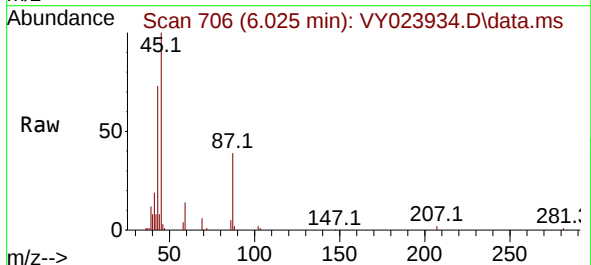
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

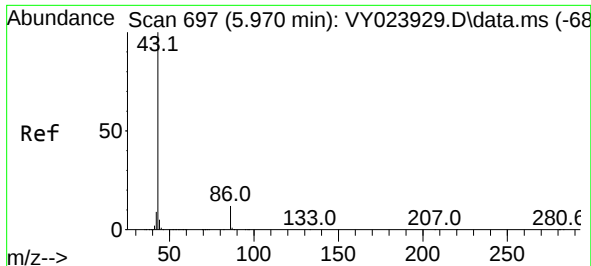
Tgt Ion: 96 Resp: 21817
Ion Ratio Lower Upper
96 100
61 109.3 101.4 152.0
98 49.5 51.7 77.5#



#22
Diisopropyl ether
Concen: 4.004 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 45 Resp: 51883
Ion Ratio Lower Upper
45 100
43 69.6 47.0 70.6
87 38.7 26.0 39.0
59 14.1 9.4 14.2

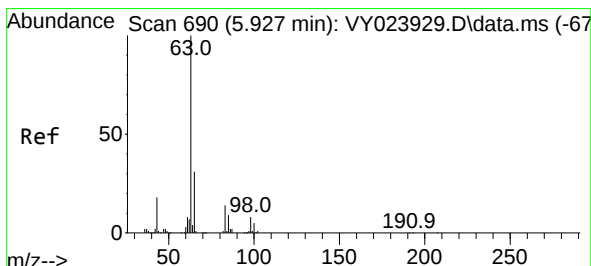
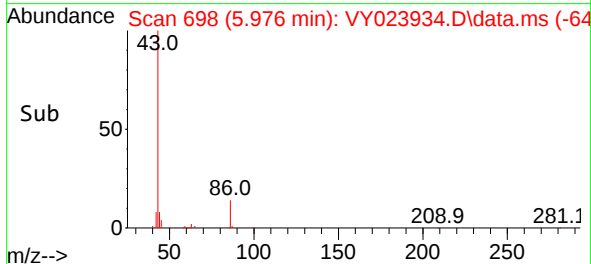
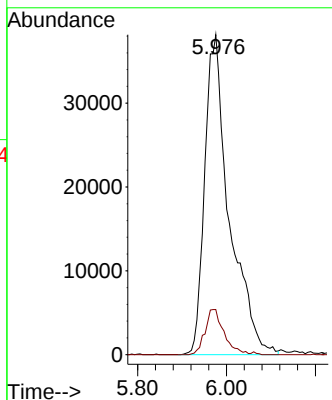
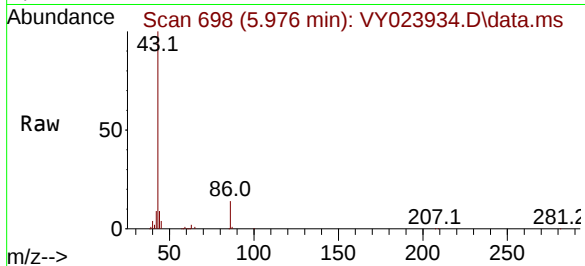




#23
 Vinyl Acetate
 Concen: 20.347 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023934.D
 Acq: 10 Dec 2025 12:02

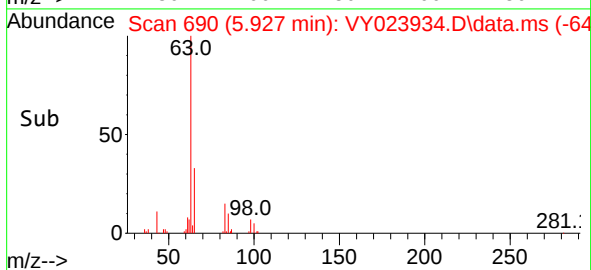
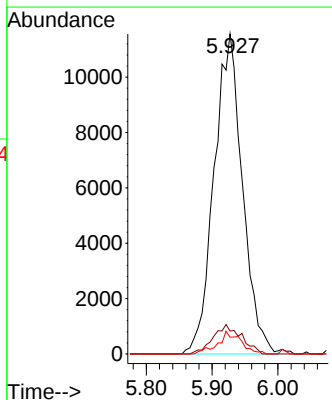
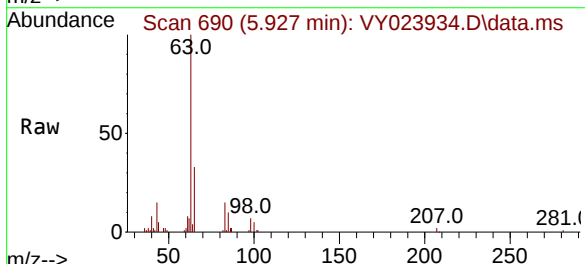
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

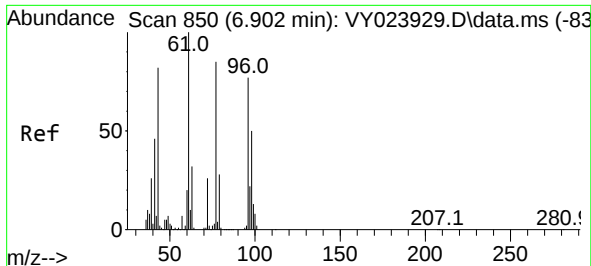
Tgt Ion: 43 Resp: 146499
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 4.300 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023934.D
 Acq: 10 Dec 2025 12:02

Tgt Ion: 63 Resp: 34730
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 5.2 2.3 6.9





#25

2-Butanone

Concen: 24.906 ug/l

RT: 6.903 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

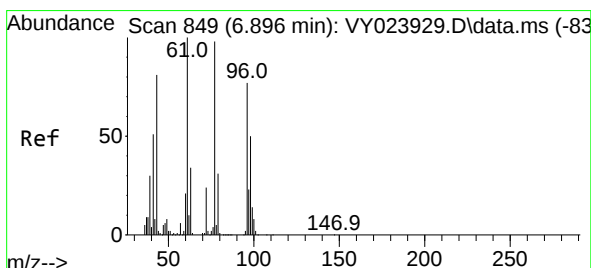
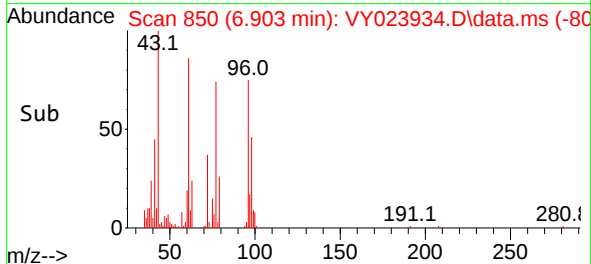
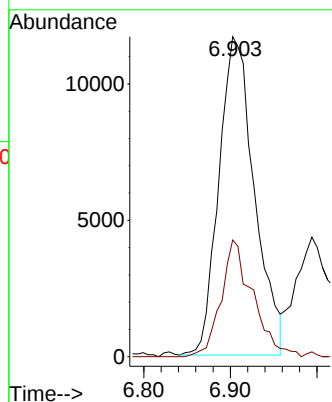
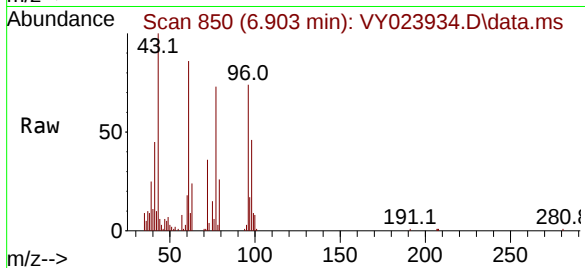
VSTDICC005

Tgt Ion: 43 Resp: 33352

Ion Ratio Lower Upper

43 100

72 36.6 25.0 37.6



#26

2,2-Dichloropropane

Concen: 4.292 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY023934.D

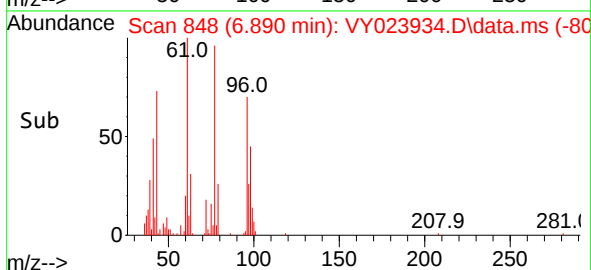
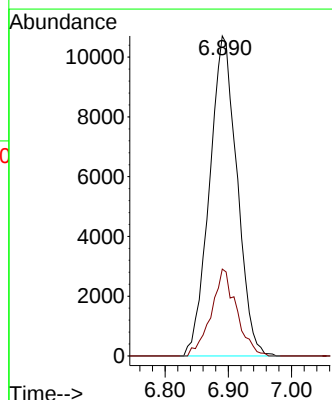
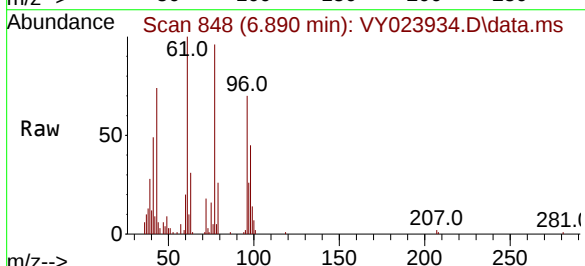
Acq: 10 Dec 2025 12:02

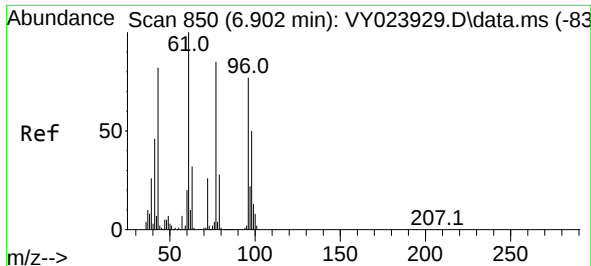
Tgt Ion: 77 Resp: 32371

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 4.225 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

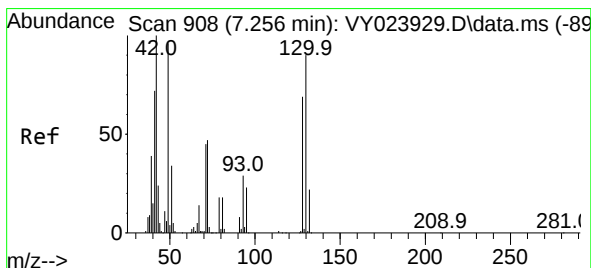
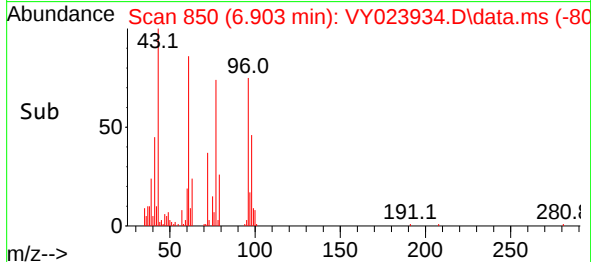
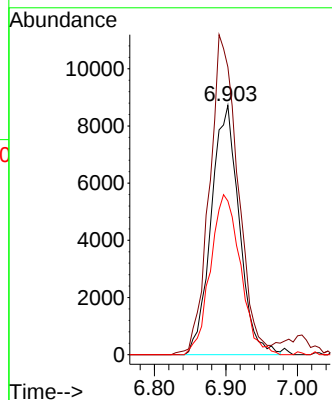
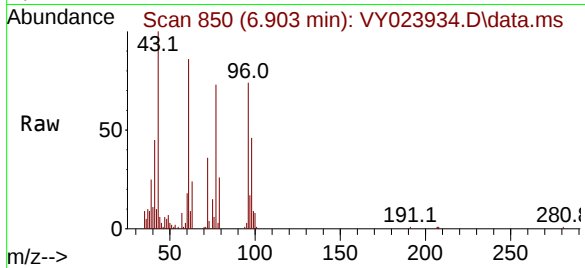
Tgt Ion: 96 Resp: 23682

Ion Ratio Lower Upper

96 100

61 130.6 0.0 264.6

98 69.0 0.0 129.6



#28

Bromochloromethane

Concen: 6.332 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

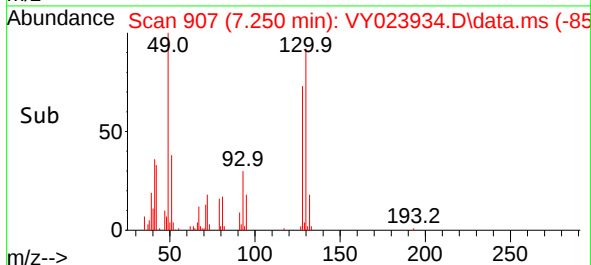
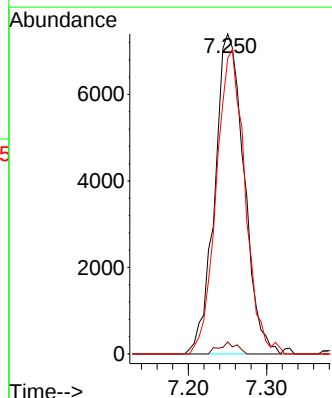
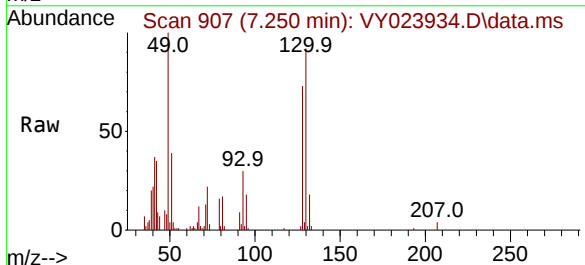
Tgt Ion: 49 Resp: 19267

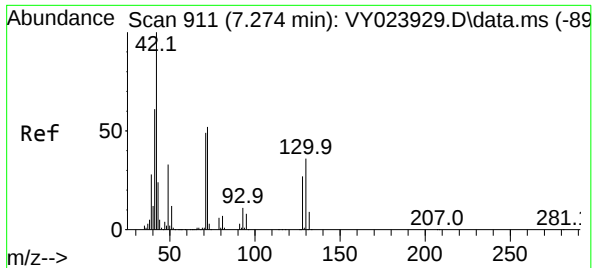
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 93.0 74.4 111.6

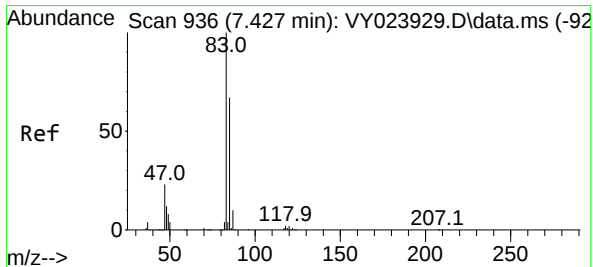
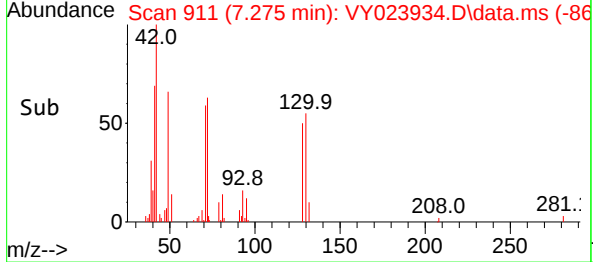
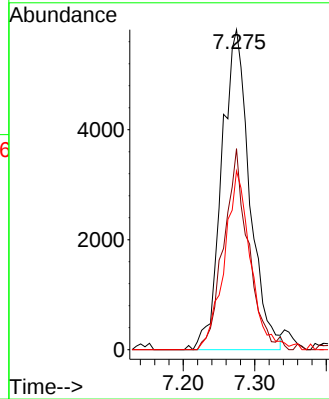
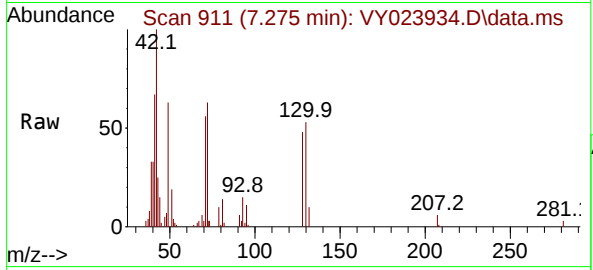




#29
Tetrahydrofuran
Concen: 23.112 ug/l
RT: 7.275 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

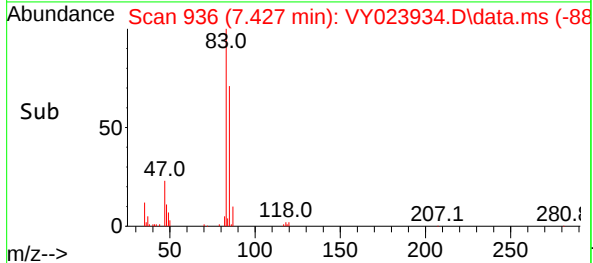
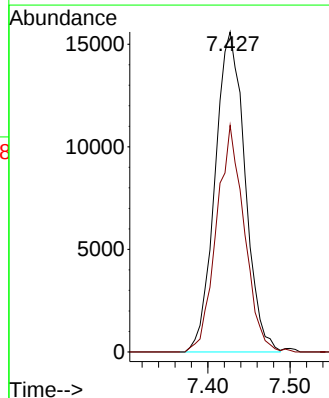
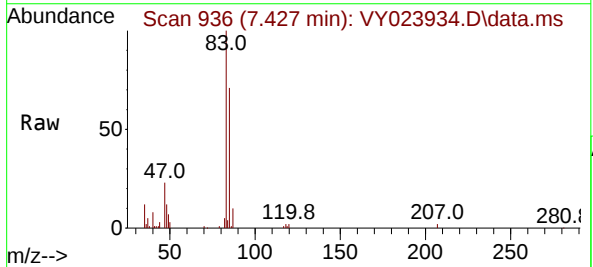
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

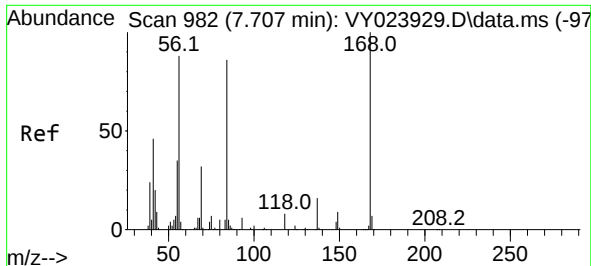
Tgt Ion:	42	Resp:	15784
Ion	Ratio	Lower	Upper
42	100		
72	55.8	40.0	60.0
71	52.9	37.7	56.5



#30
Chloroform
Concen: 4.479 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:	83	Resp:	39514
Ion	Ratio	Lower	Upper
83	100		
85	70.8	53.4	80.0

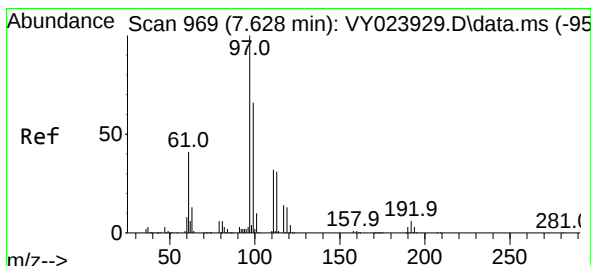
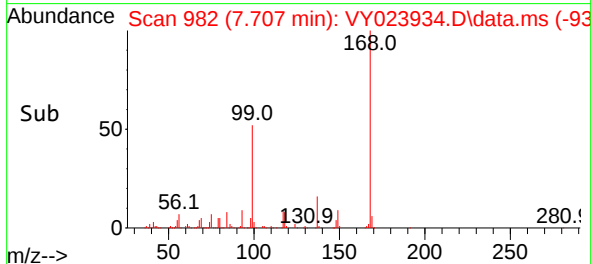
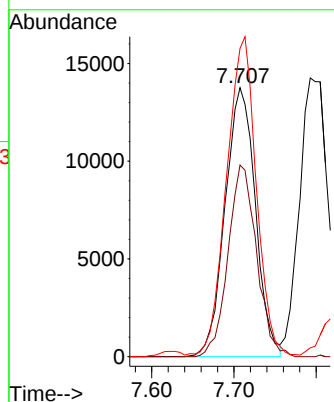
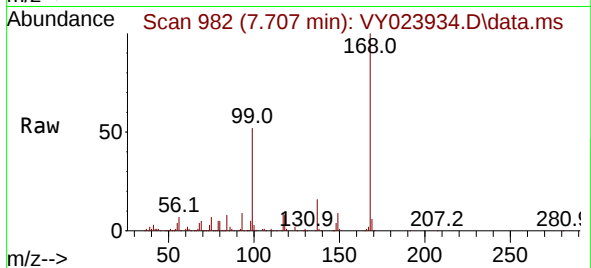




#31
Cyclohexane
Concen: 4.740 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

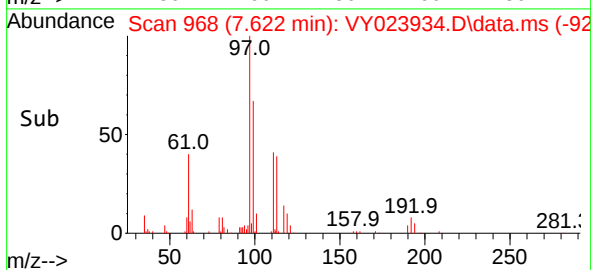
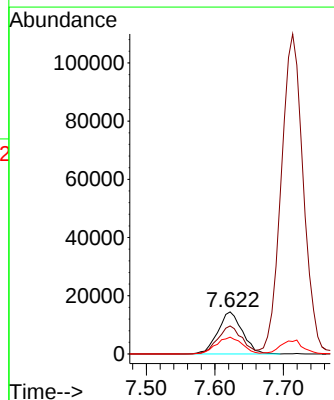
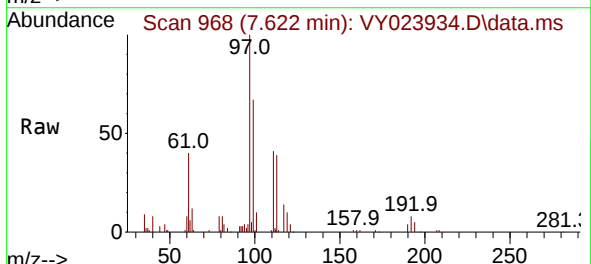
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

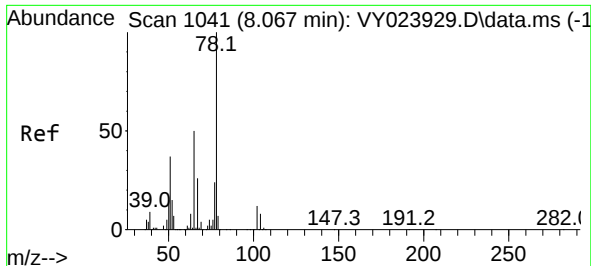
Tgt Ion: 56 Resp: 35222
Ion Ratio Lower Upper
56 100
69 71.3 29.1 43.7#
84 113.0 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 4.373 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 97 Resp: 35774
Ion Ratio Lower Upper
97 100
99 65.9 51.4 77.0
61 42.3 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 6.092 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

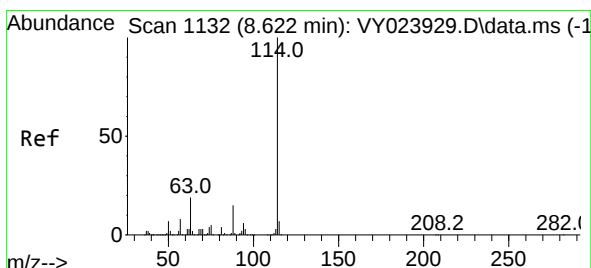
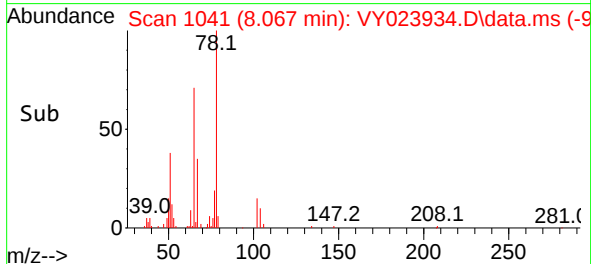
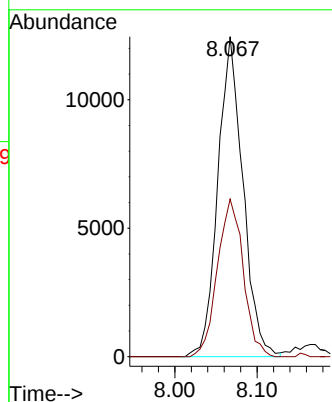
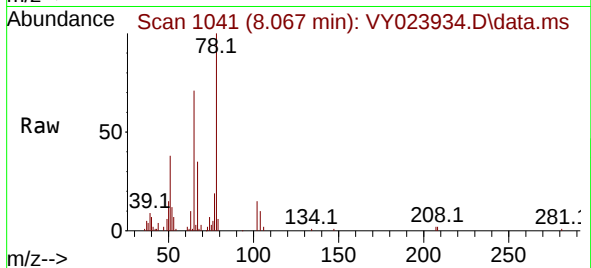
VSTDICC005

Tgt Ion: 65 Resp: 26397

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

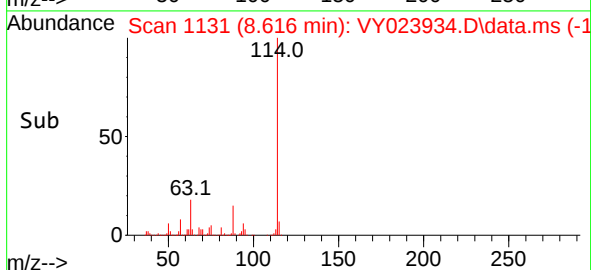
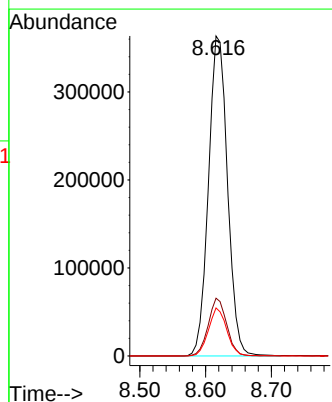
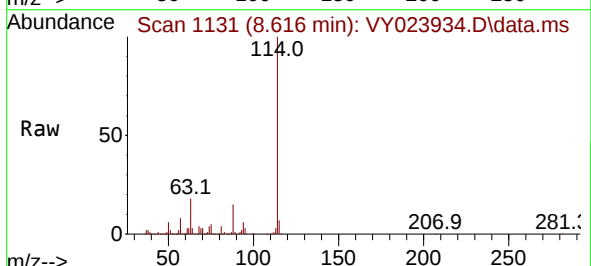
Tgt Ion: 114 Resp: 732414

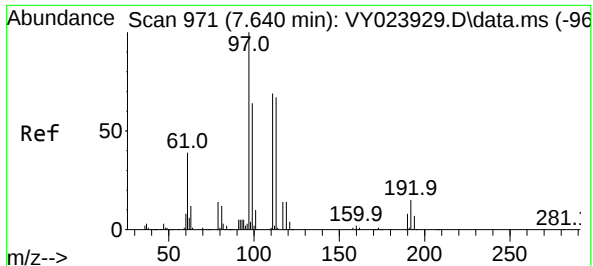
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.2

88 15.0 0.0 29.4

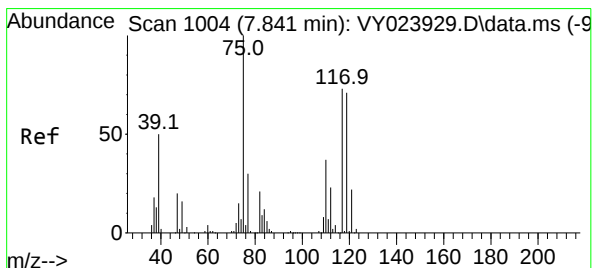
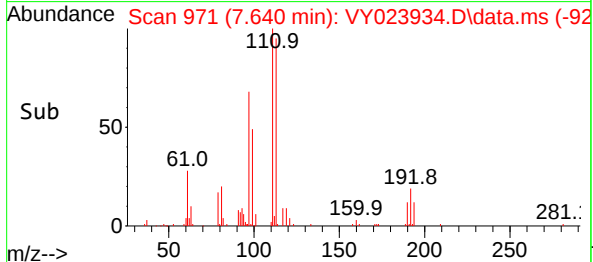
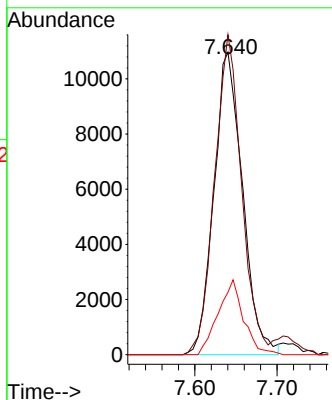
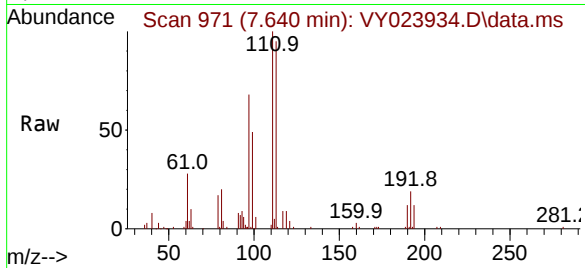




#35
Dibromofluoromethane
Concen: 5.541 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

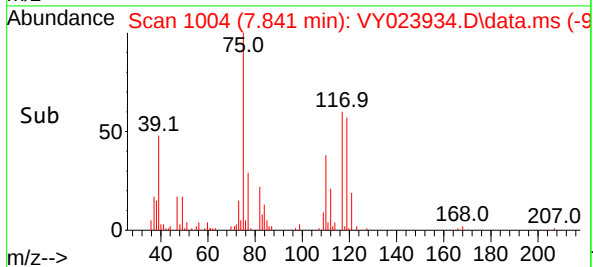
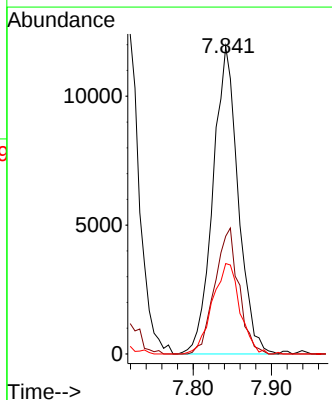
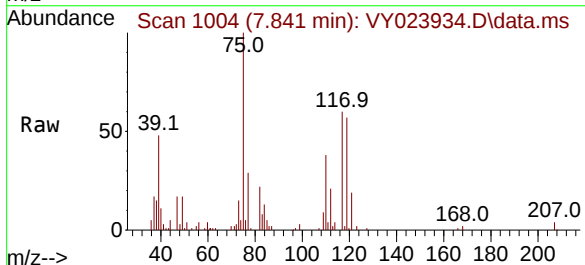
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

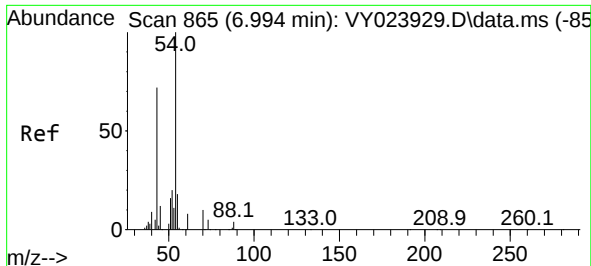
Tgt Ion:113 Resp: 26527
Ion Ratio Lower Upper
113 100
111 99.4 82.4 123.6
192 22.0 17.9 26.9



#36
1,1-Dichloropropene
Concen: 4.105 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 75 Resp: 26755
Ion Ratio Lower Upper
75 100
110 38.9 19.2 57.6
77 31.9 24.4 36.6

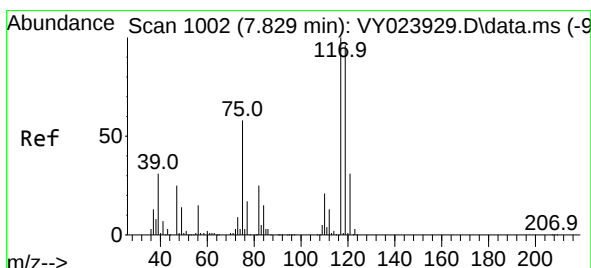
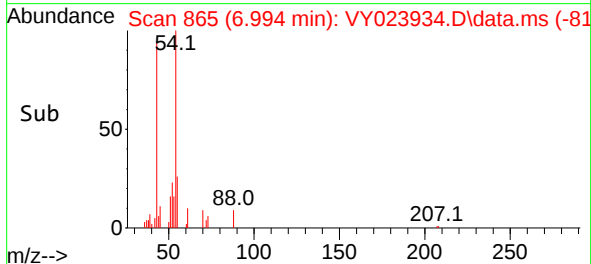
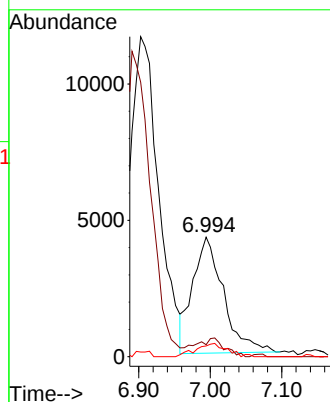
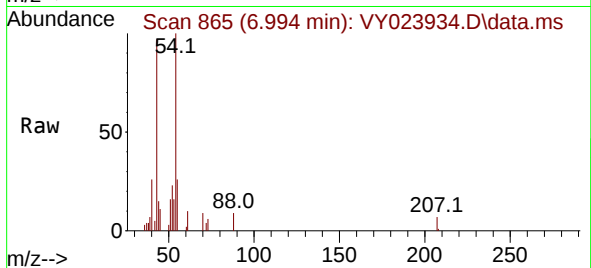




#37
Ethyl Acetate
Concen: 4.813 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

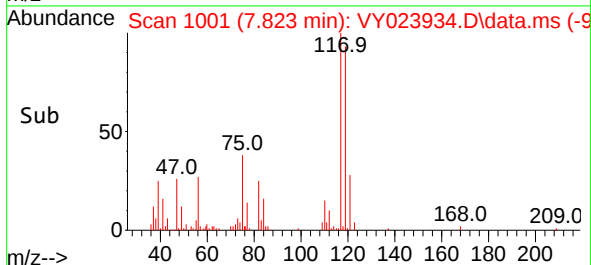
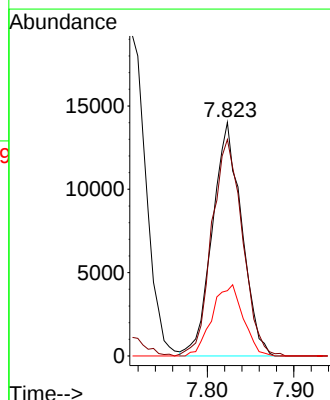
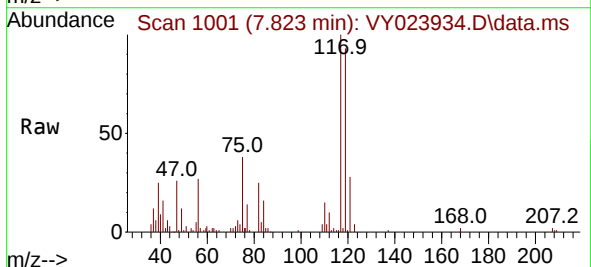
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

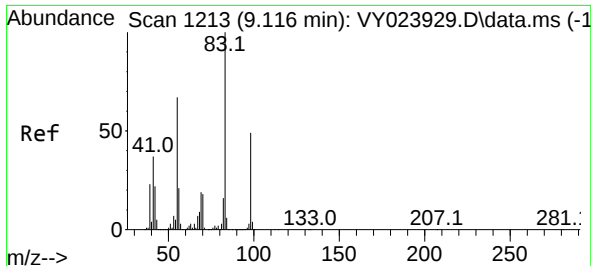
Tgt Ion: 43 Resp: 12776
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 4.180 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 117 Resp: 33021
Ion Ratio Lower Upper
117 100
119 91.9 76.6 114.8
121 27.9 24.8 37.2





#39

Methylcyclohexane

Concen: 3.863 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

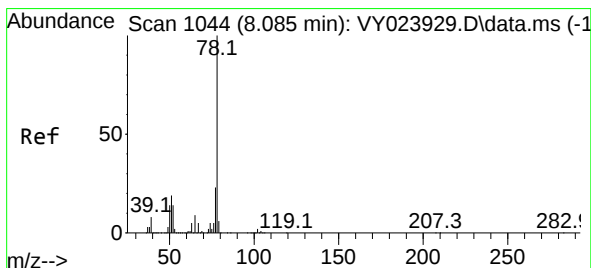
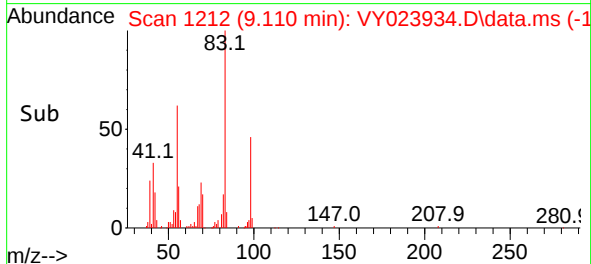
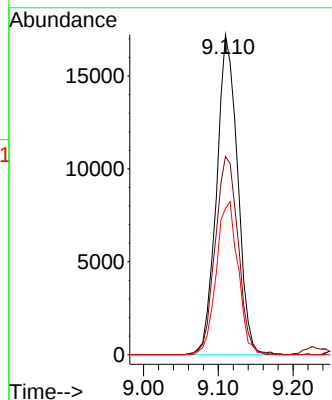
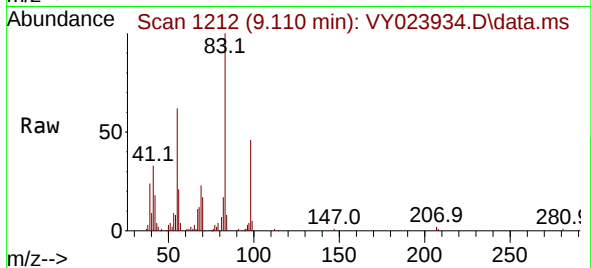
Tgt Ion: 83 Resp: 33641

Ion Ratio Lower Upper

83 100

55 61.9 53.4 80.0

98 45.8 39.2 58.8



#40

Benzene

Concen: 4.175 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023934.D

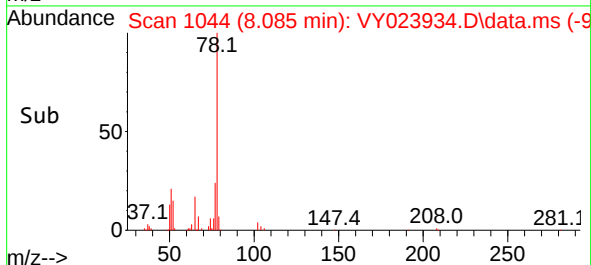
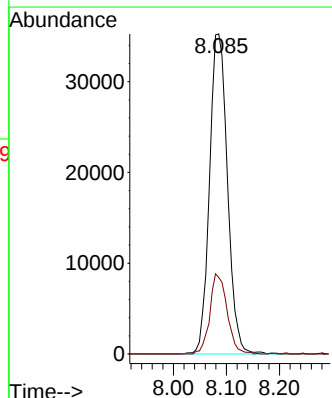
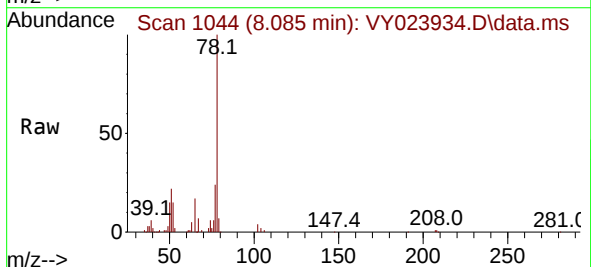
Acq: 10 Dec 2025 12:02

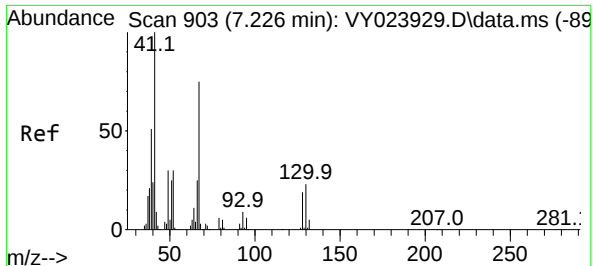
Tgt Ion: 78 Resp: 82866

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5

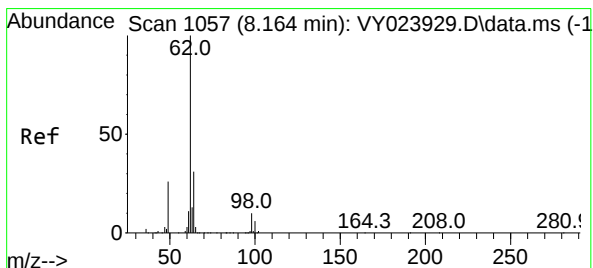
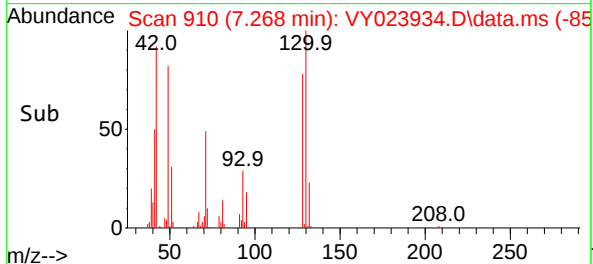
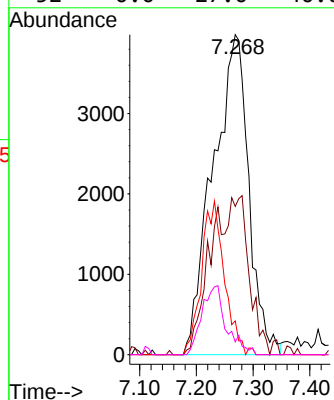
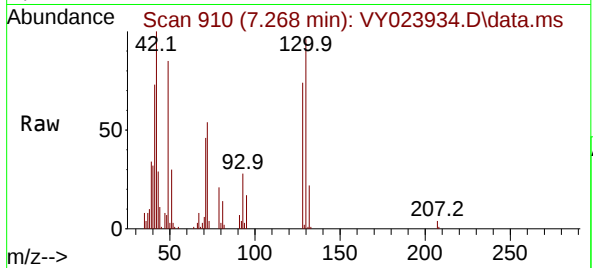




#41
Methacrylonitrile
Concen: 11.945 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.043 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

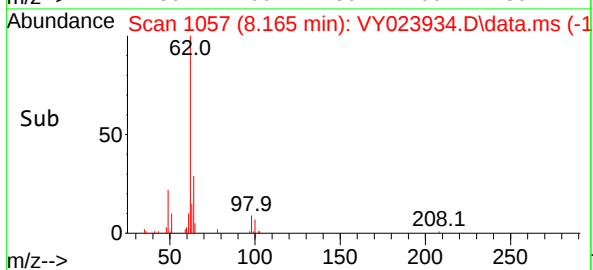
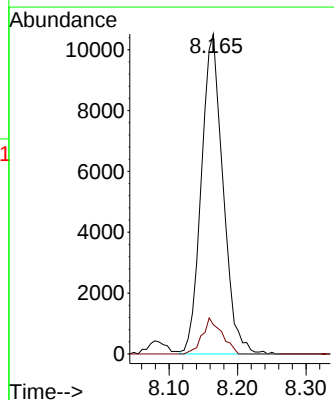
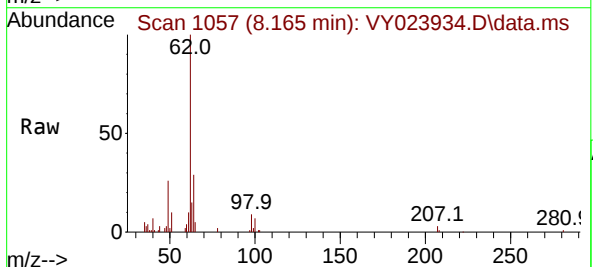
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

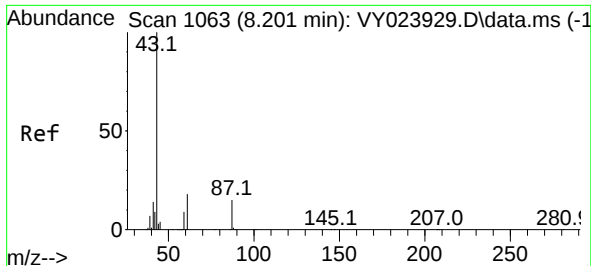
Tgt Ion: 41 Resp: 17441
Ion Ratio Lower Upper
41 100
39 28.8 50.6 75.8#
67 0.0 68.0 102.0#
52 0.0 27.0 40.6#



#42
1,2-Dichloroethane
Concen: 4.448 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 62 Resp: 23153
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.8

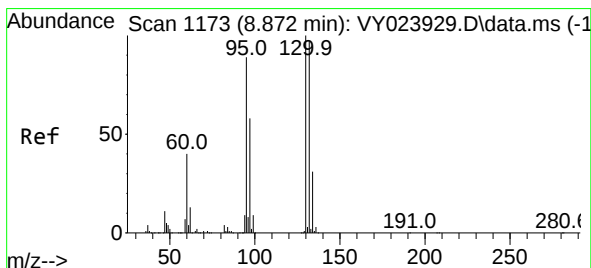
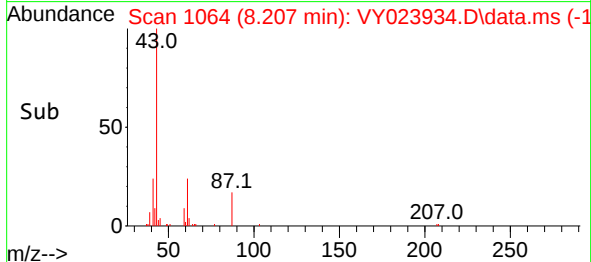
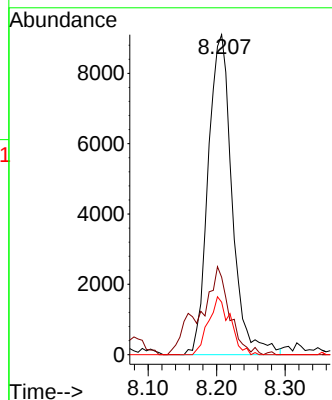
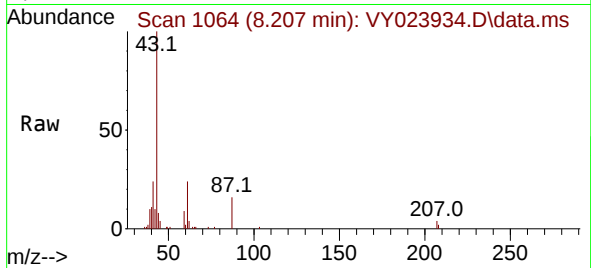




#43
Isopropyl Acetate
Concen: 4.415 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

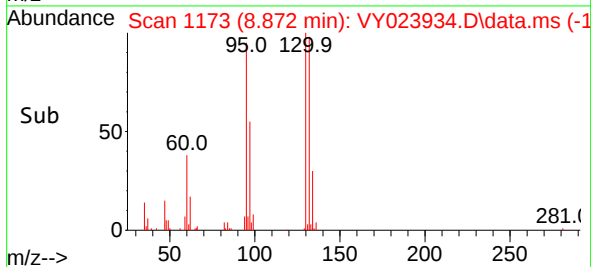
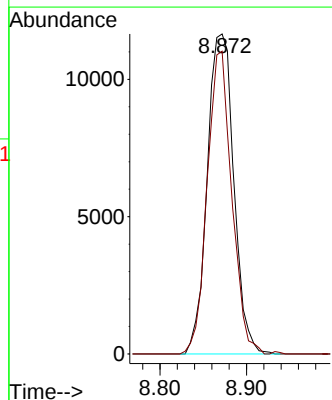
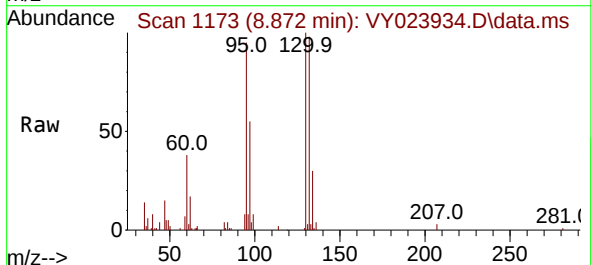
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

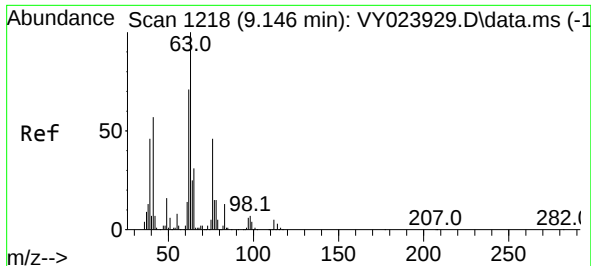
Tgt Ion: 43 Resp: 22070
Ion Ratio Lower Upper
43 100
61 25.8 17.4 26.2
87 16.6 12.3 18.5



#44
Trichloroethene
Concen: 4.312 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:130 Resp: 24818
Ion Ratio Lower Upper
130 100
95 94.6 0.0 178.8





#45

1,2-Dichloropropane

Concen: 4.247 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

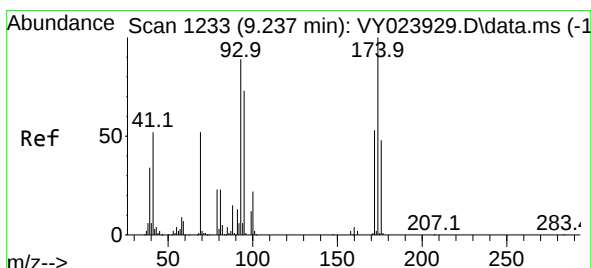
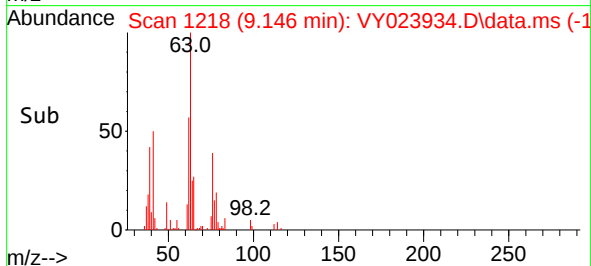
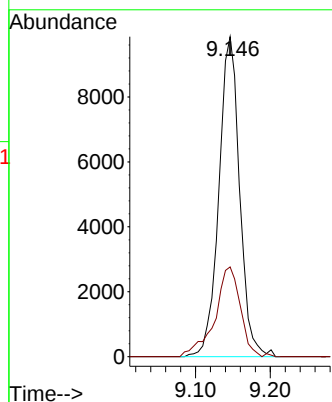
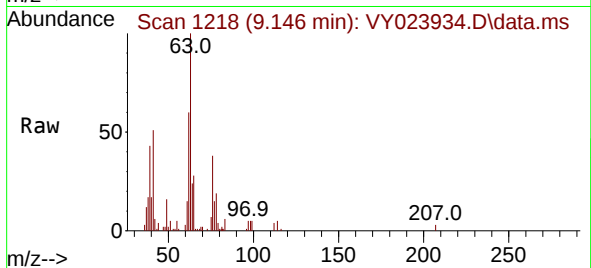
VSTDIC005

Tgt Ion: 63 Resp: 19020

Ion Ratio Lower Upper

63 100

65 28.1 25.1 37.7



#46

Dibromomethane

Concen: 4.328 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

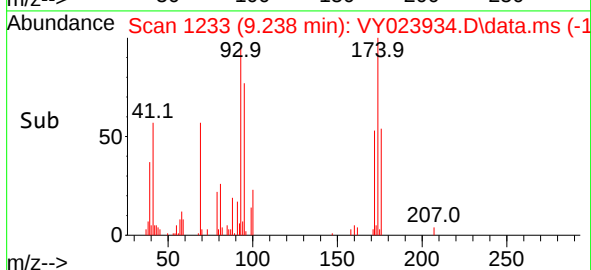
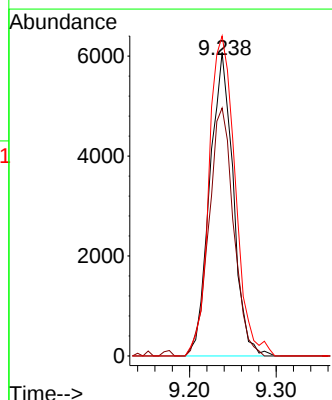
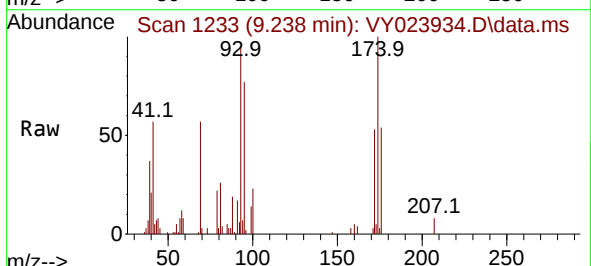
Tgt Ion: 93 Resp: 11416

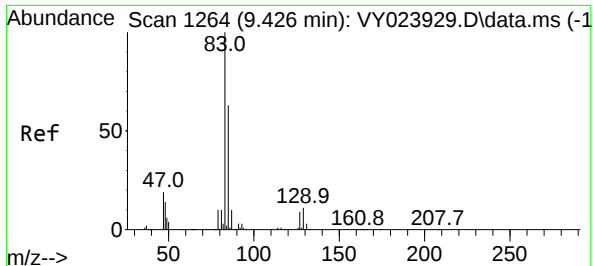
Ion Ratio Lower Upper

93 100

95 85.7 65.1 97.7

174 117.9 90.6 136.0





#47

Bromodichloromethane

Concen: 4.411 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

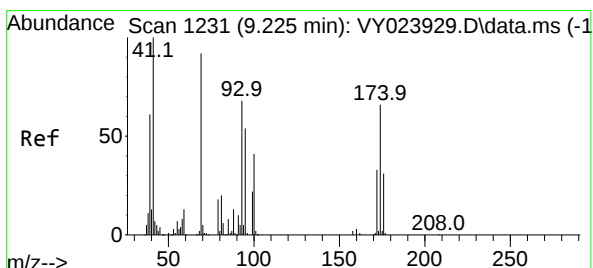
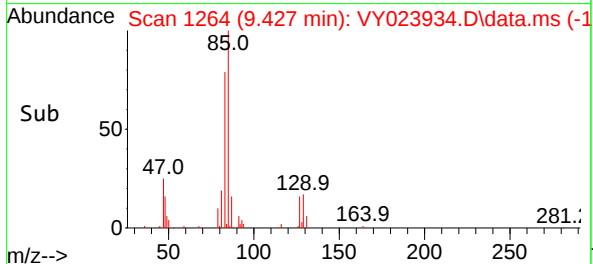
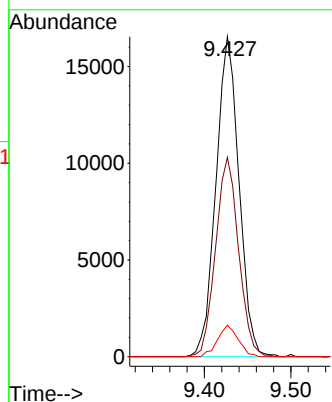
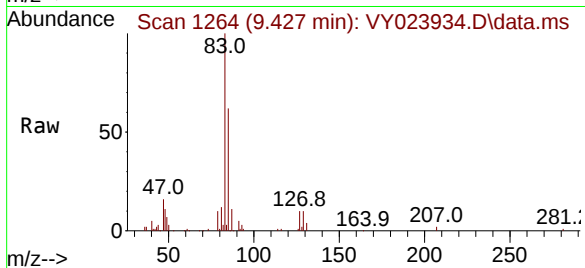
Tgt Ion: 83 Resp: 30611

Ion Ratio Lower Upper

83 100

85 62.3 50.7 76.1

127 9.8 7.0 10.4



#48

Methyl methacrylate

Concen: 3.870 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

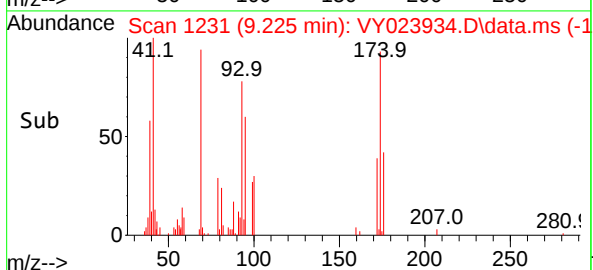
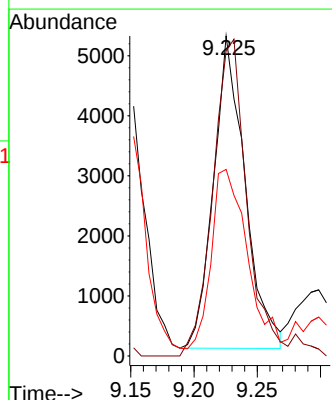
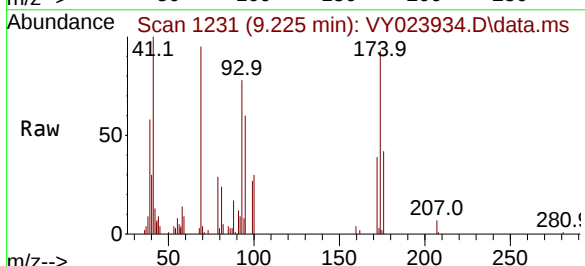
Tgt Ion: 41 Resp: 9006

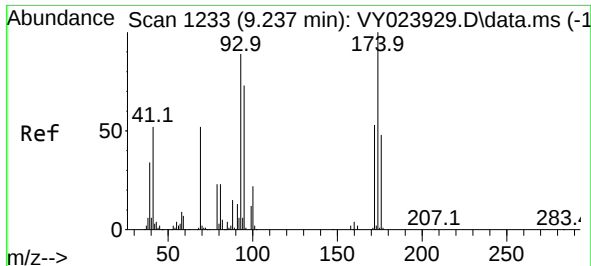
Ion Ratio Lower Upper

41 100

69 109.0 74.7 112.1

39 65.5 47.4 71.2

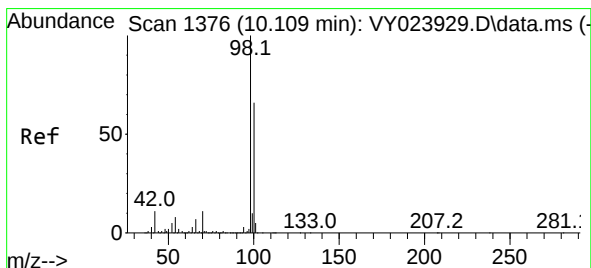
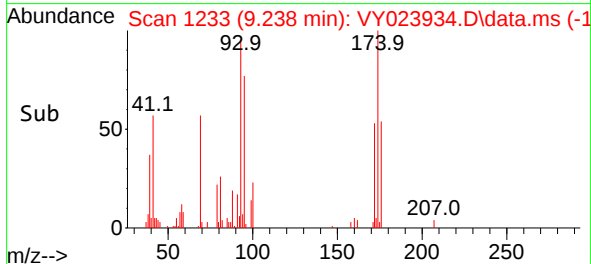
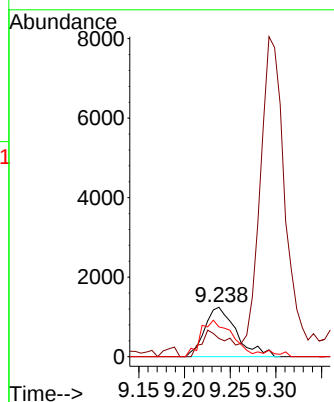
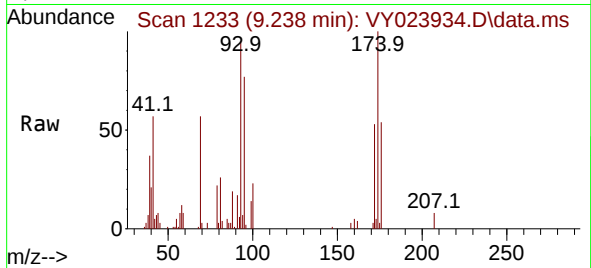




#49
1,4-Dioxane
Concen: 101.782 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

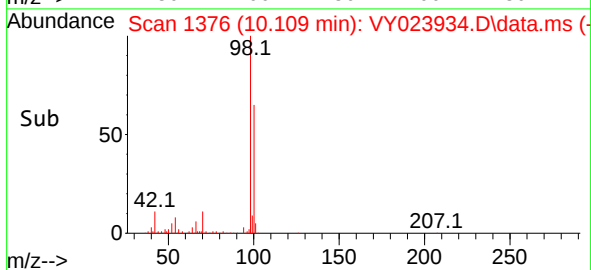
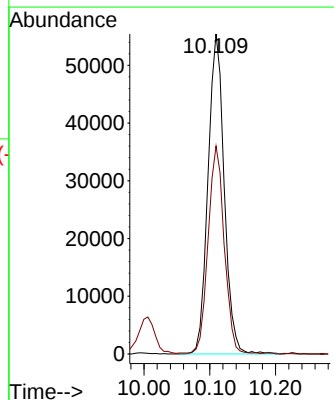
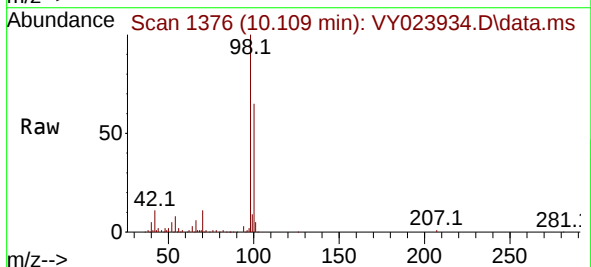
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

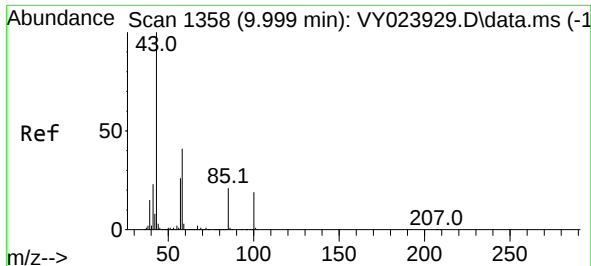
Tgt Ion: 88 Resp: 2993
Ion Ratio Lower Upper
88 100
43 42.4 22.3 33.5#
58 72.3 52.3 78.5



#50
Toluene-d8
Concen: 5.325 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 98 Resp: 94921
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 21.460 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

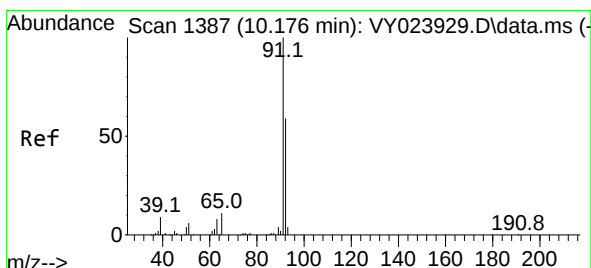
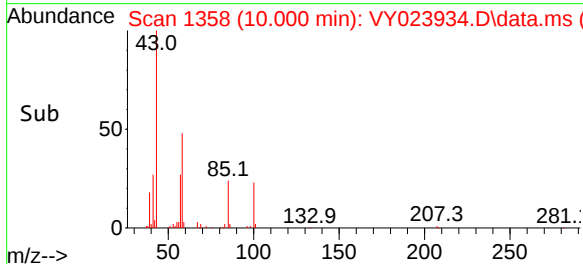
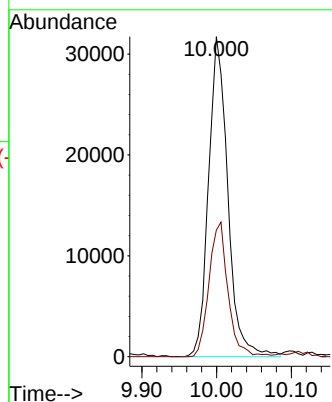
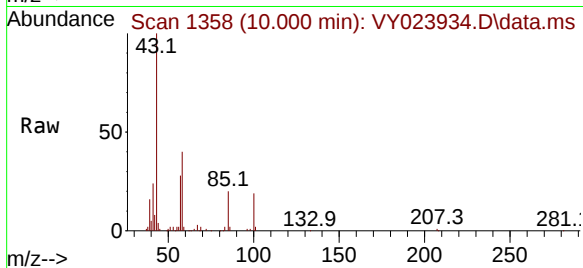
VSTDIC005

Tgt Ion: 43 Resp: 56839

Ion Ratio Lower Upper

43 100

58 41.4 33.1 49.7



#52

Toluene

Concen: 3.983 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY023934.D

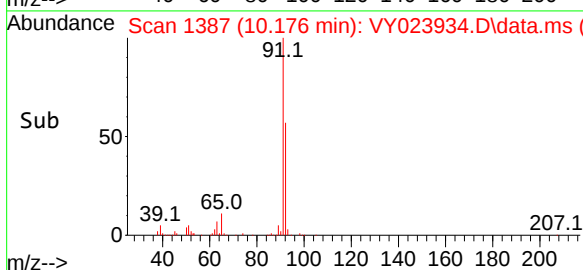
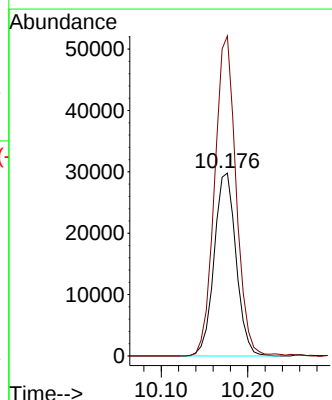
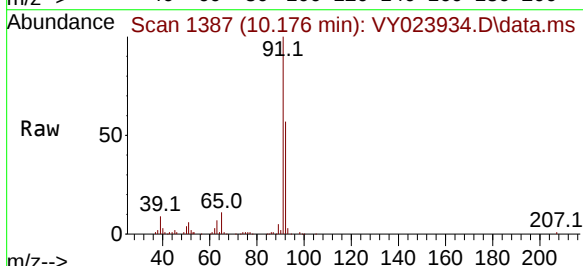
Acq: 10 Dec 2025 12:02

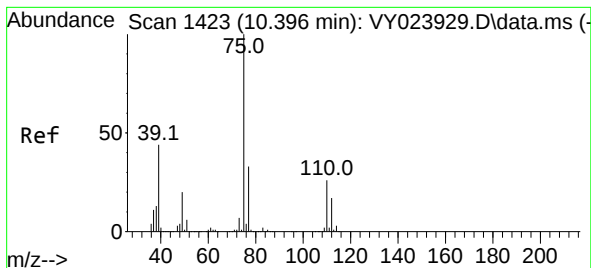
Tgt Ion: 92 Resp: 52310

Ion Ratio Lower Upper

92 100

91 171.6 135.8 203.6

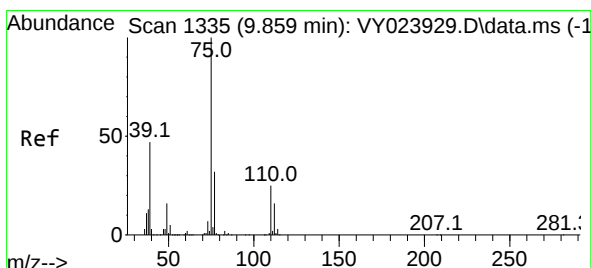
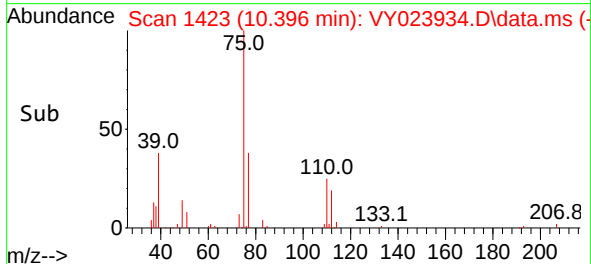
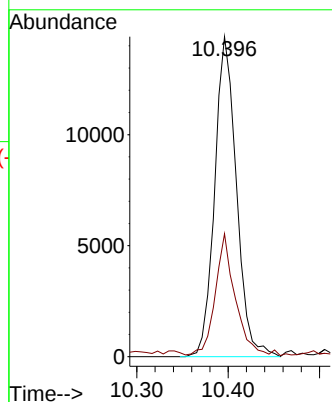
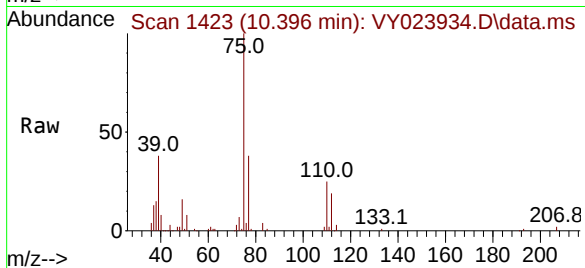




#53
 t-1,3-Dichloropropene
 Concen: 3.979 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023934.D
 Acq: 10 Dec 2025 12:02

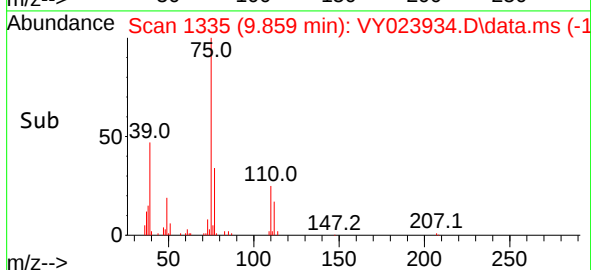
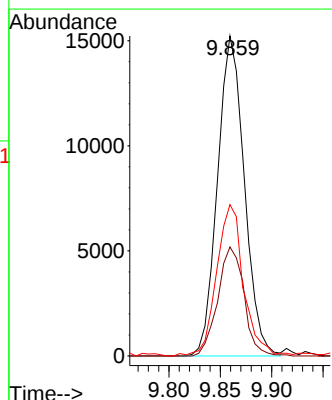
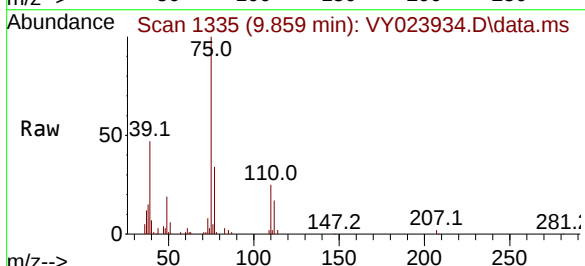
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

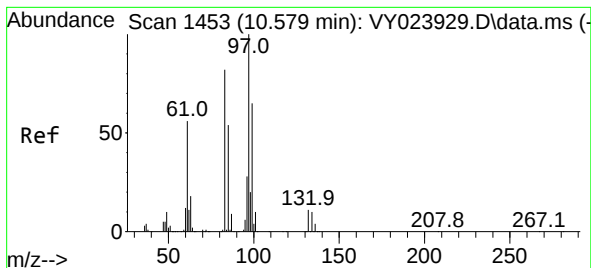
Tgt Ion: 75 Resp: 23858
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 3.911 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY023934.D
 Acq: 10 Dec 2025 12:02

Tgt Ion: 75 Resp: 27633
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0
 39 46.6 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 4.607 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 16724

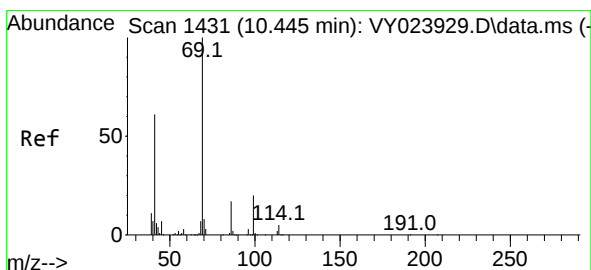
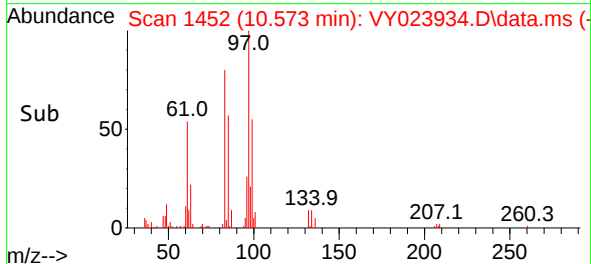
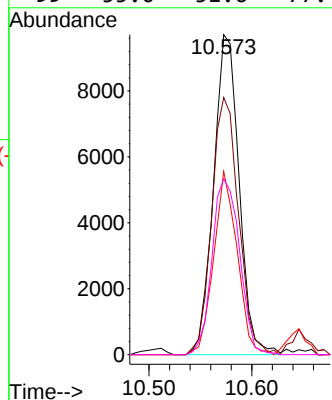
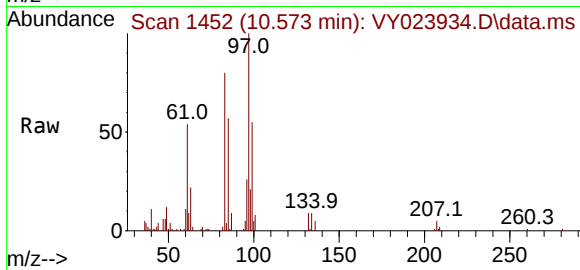
Ion Ratio Lower Upper

97 100

83 80.3 65.8 98.6

85 57.2 43.1 64.7

99 55.0 51.6 77.4



#56

Ethyl methacrylate

Concen: 3.794 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

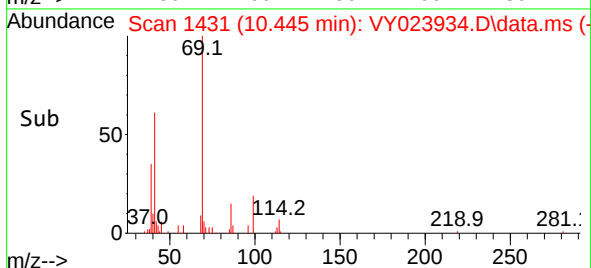
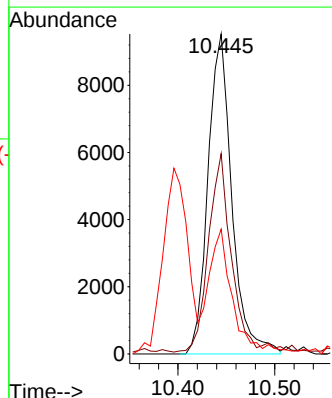
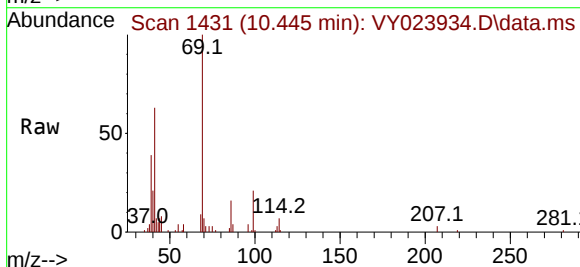
Tgt Ion: 69 Resp: 16329

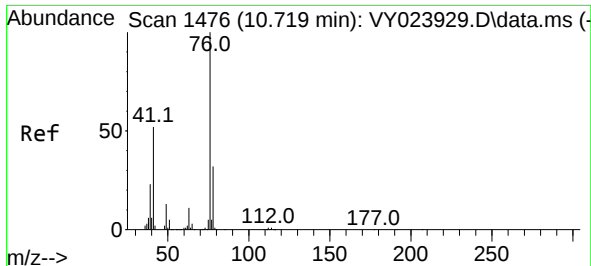
Ion Ratio Lower Upper

69 100

41 58.6 49.0 73.4

39 39.5 29.1 43.7





#57

1,3-Dichloropropane

Concen: 4.340 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

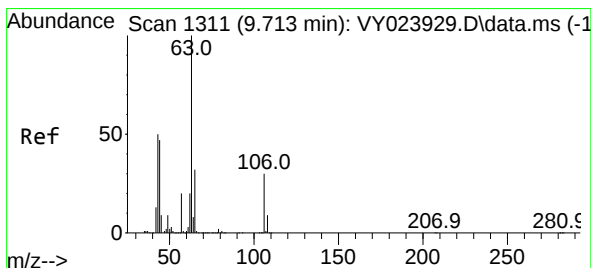
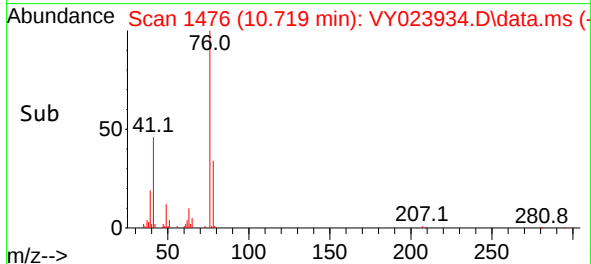
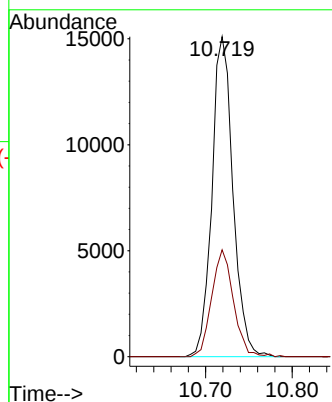
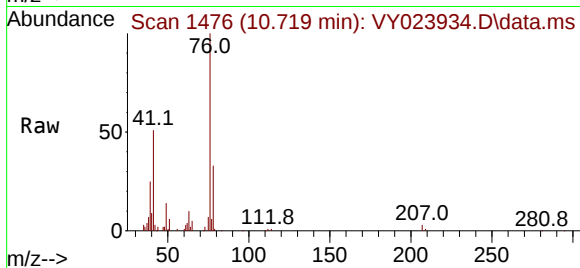
VSTDICC005

Tgt Ion: 76 Resp: 25485

Ion Ratio Lower Upper

76 100

78 34.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 20.868 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023934.D

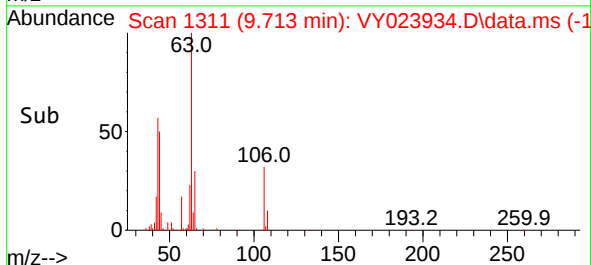
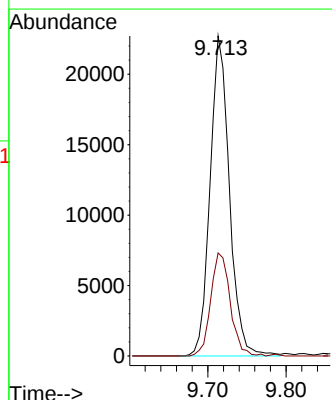
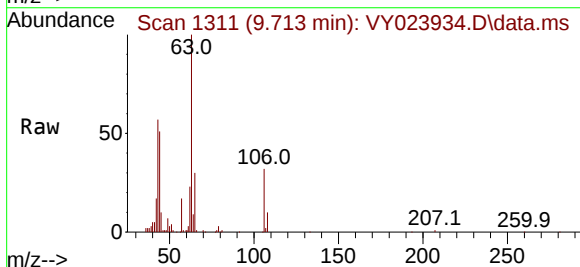
Acq: 10 Dec 2025 12:02

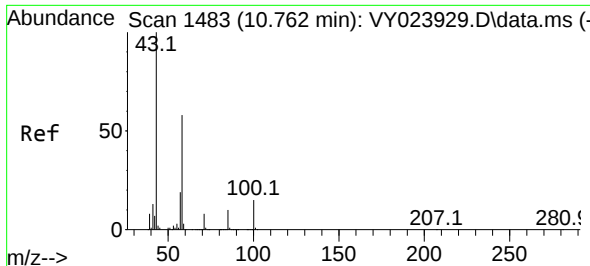
Tgt Ion: 63 Resp: 38904

Ion Ratio Lower Upper

63 100

106 32.5 25.2 37.8

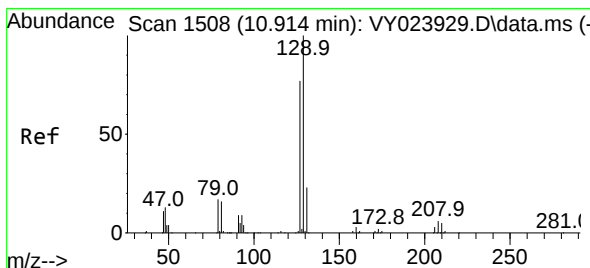
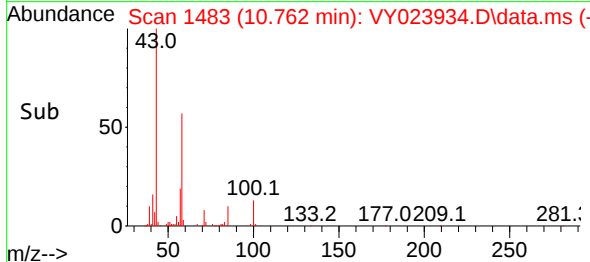
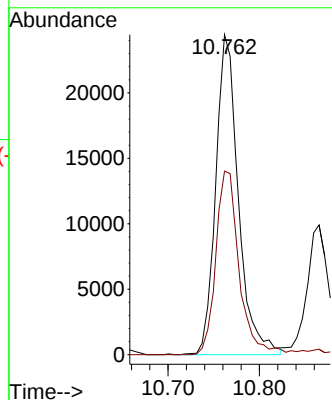
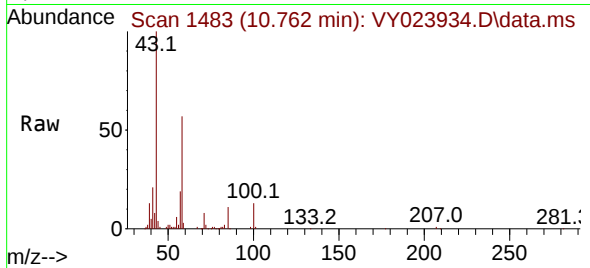




#59
2-Hexanone
Concen: 20.913 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

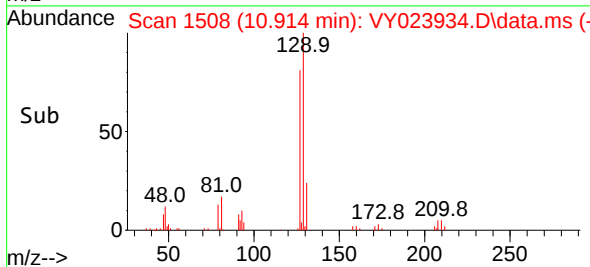
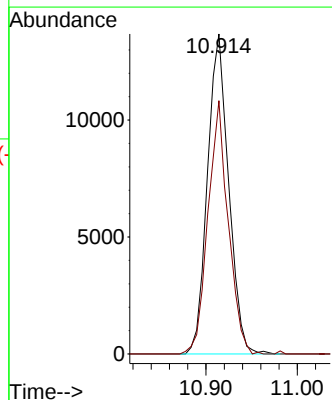
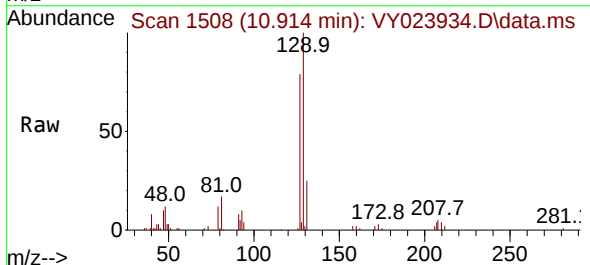
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

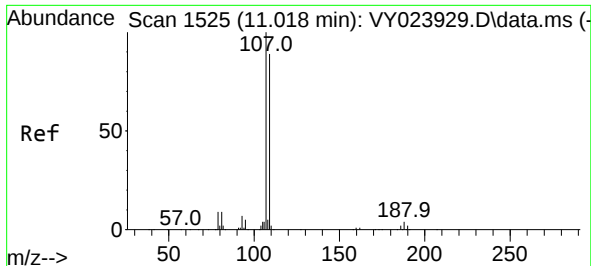
Tgt Ion: 43 Resp: 42038
Ion Ratio Lower Upper
43 100
58 59.4 29.0 87.0



#60
Dibromochloromethane
Concen: 4.368 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 129 Resp: 21954
Ion Ratio Lower Upper
129 100
127 75.7 38.1 114.5

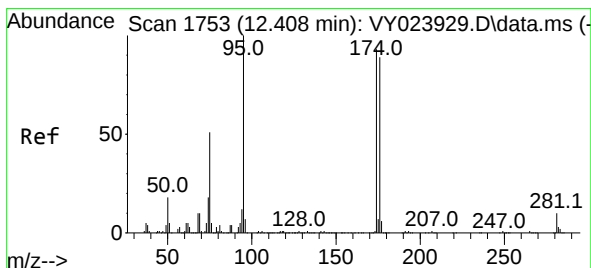
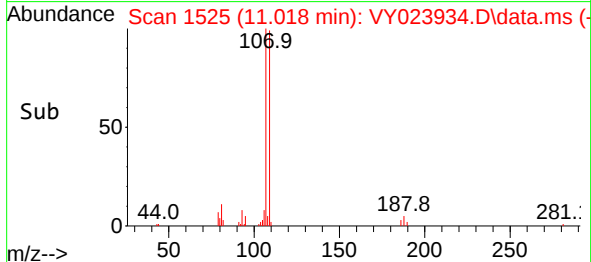
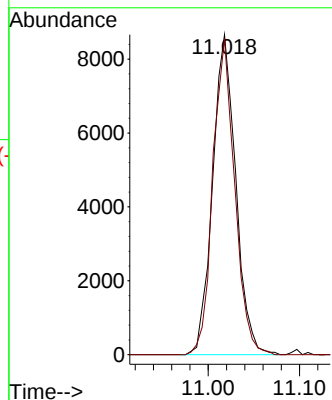
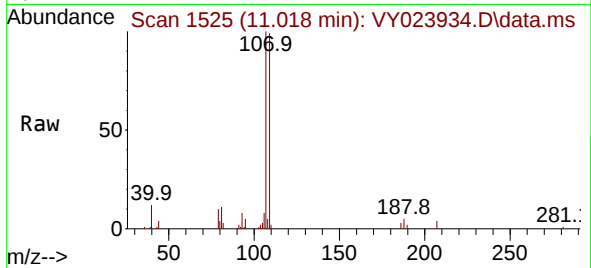




#61
1,2-Dibromoethane
Concen: 4.528 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

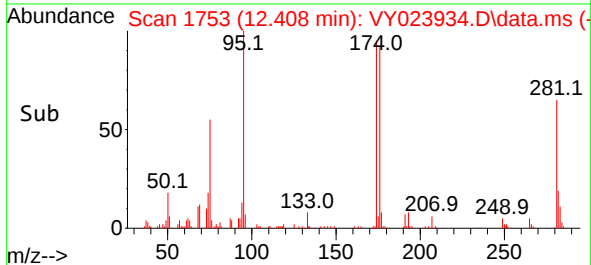
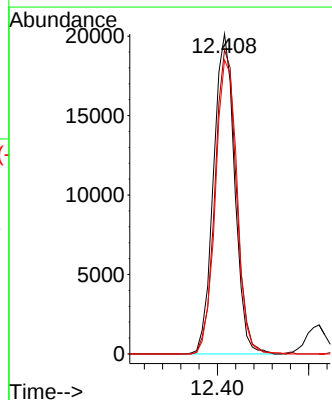
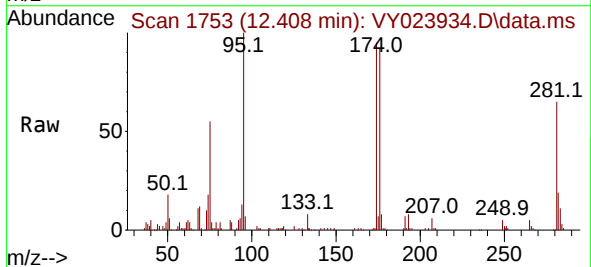
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

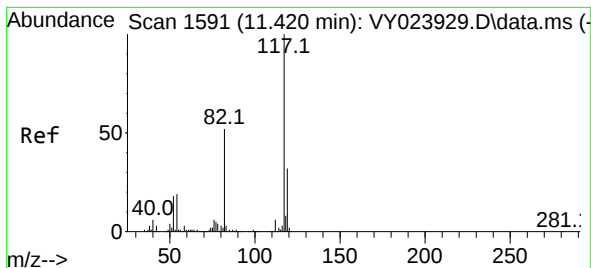
Tgt Ion:107 Resp: 15234
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 5.422 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 95 Resp: 32277
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 94.2 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

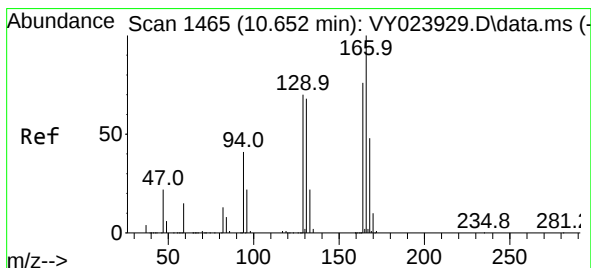
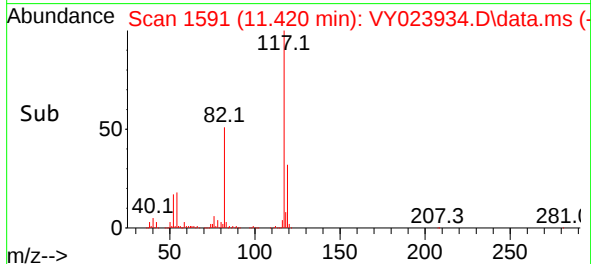
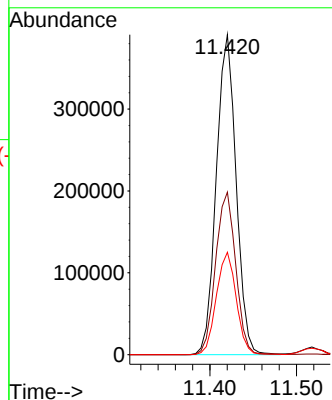
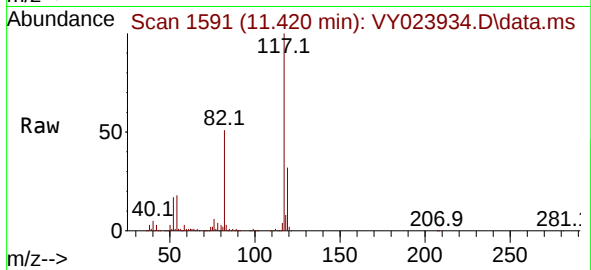
Tgt Ion:117 Resp: 621277

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 4.369 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Tgt Ion:164 Resp: 29159

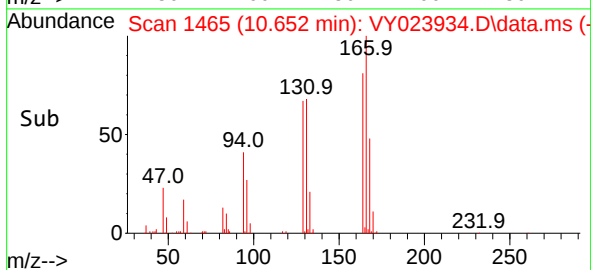
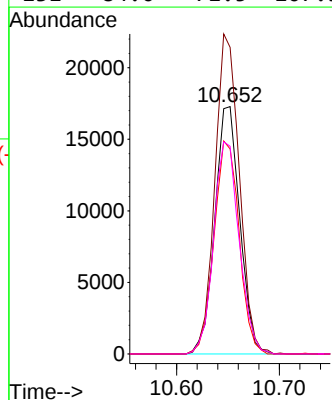
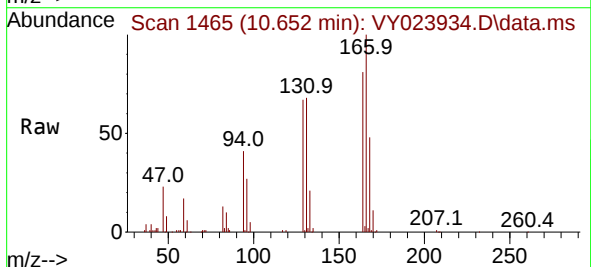
Ion Ratio Lower Upper

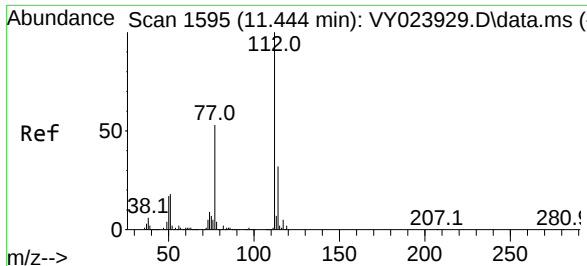
164 100

166 124.0 105.0 157.4

129 82.9 73.0 109.4

131 84.0 71.5 107.3

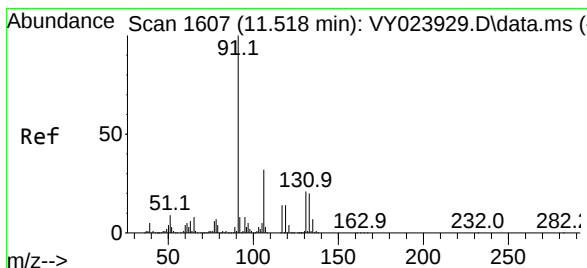
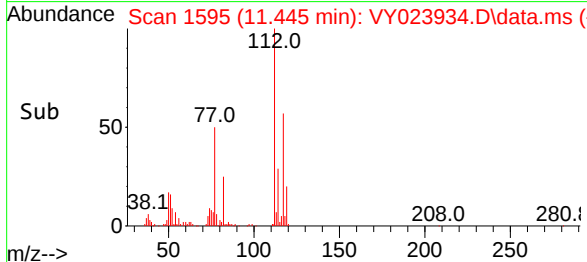
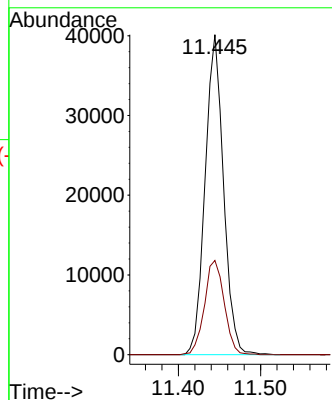
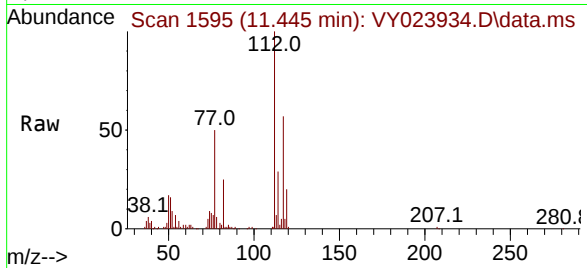




#65
Chlorobenzene
Concen: 4.331 ug/l
RT: 11.445 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

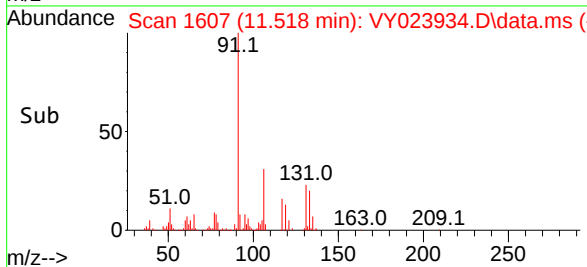
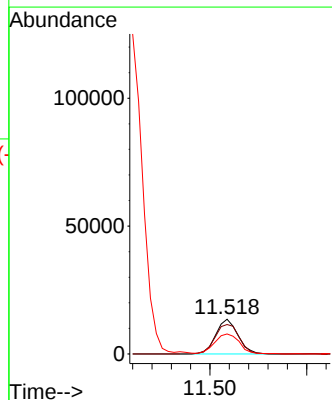
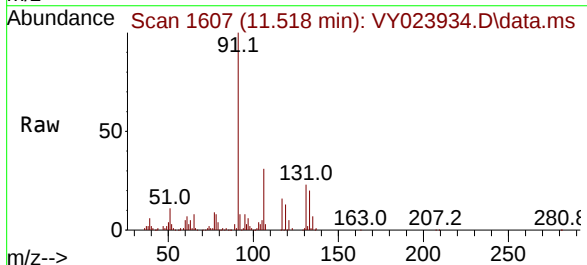
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

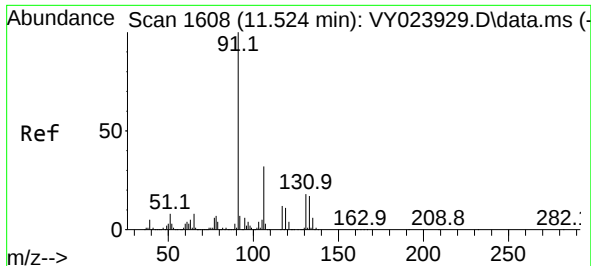
Tgt Ion:112 Resp: 62343
Ion Ratio Lower Upper
112 100
114 29.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.275 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:131 Resp: 21584
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.3
119 64.7 33.1 99.2





#67

Ethyl Benzene

Concen: 3.942 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

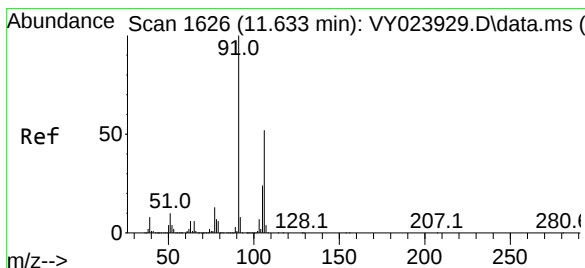
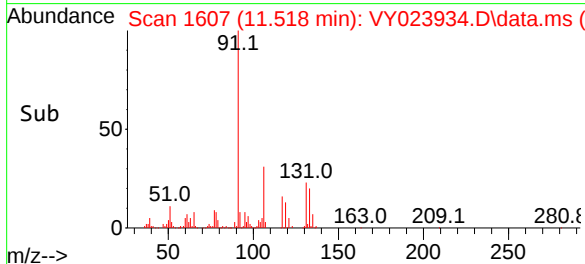
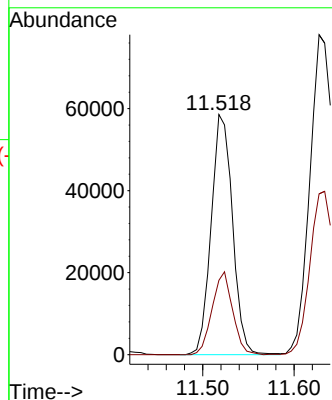
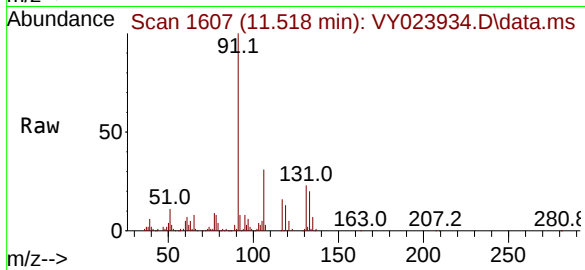
VSTDICC005

Tgt Ion: 91 Resp: 95082

Ion Ratio Lower Upper

91 100

106 31.0 25.8 38.8



#68

m/p-Xylenes

Concen: 7.826 ug/l

RT: 11.634 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023934.D

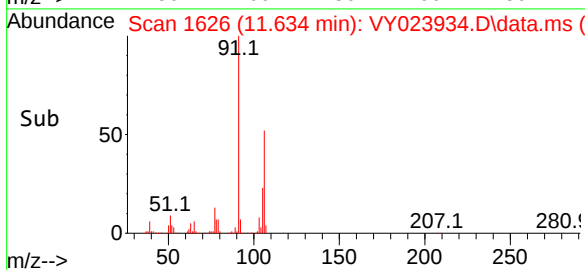
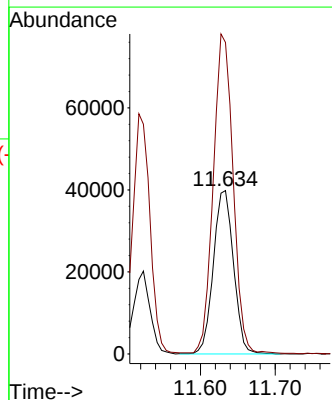
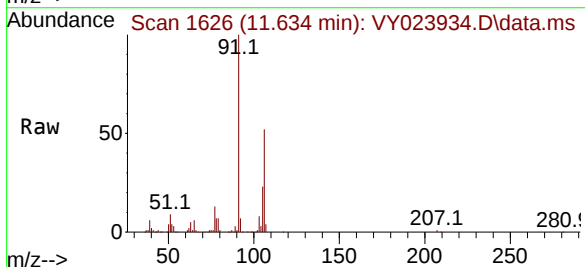
Acq: 10 Dec 2025 12:02

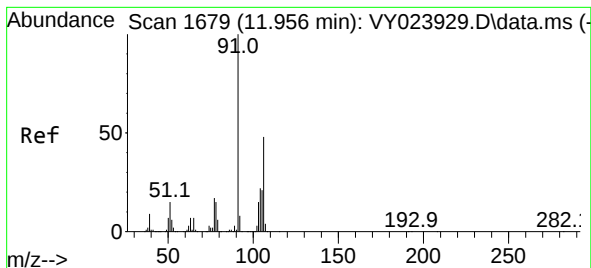
Tgt Ion:106 Resp: 74935

Ion Ratio Lower Upper

106 100

91 192.6 155.0 232.6

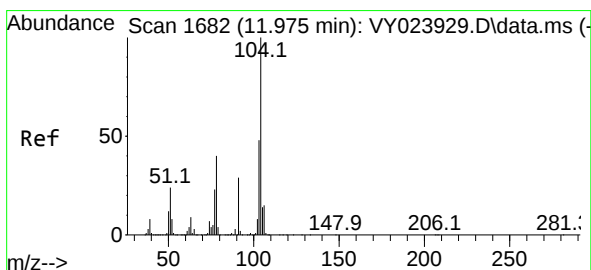
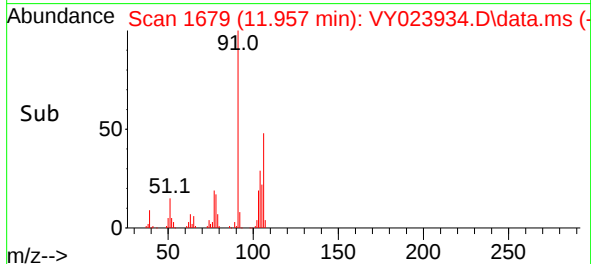
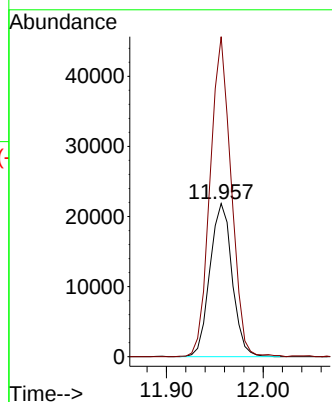
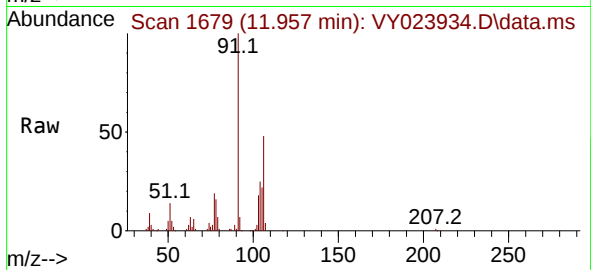




#69
o-Xylene
Concen: 3.895 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

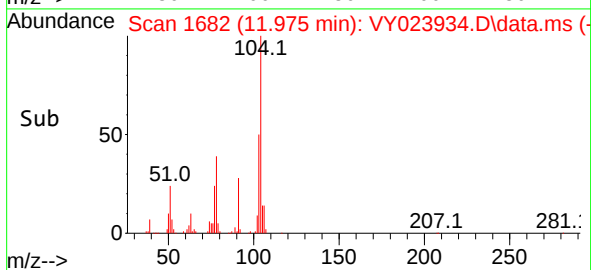
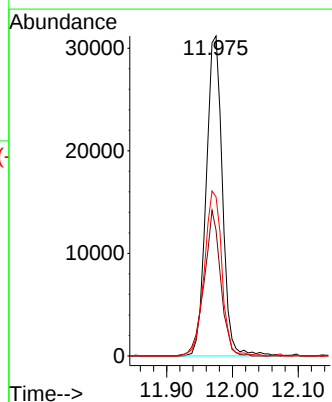
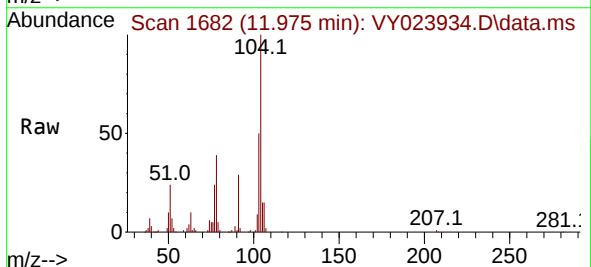
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

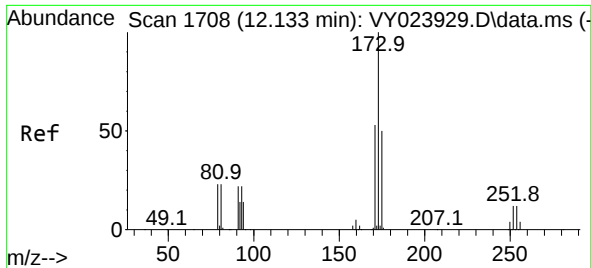
Tgt Ion:106 Resp: 34889
Ion Ratio Lower Upper
106 100
91 198.4 102.1 306.1



#70
Styrene
Concen: 3.699 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:104 Resp: 53523
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 55.8 43.0 64.4

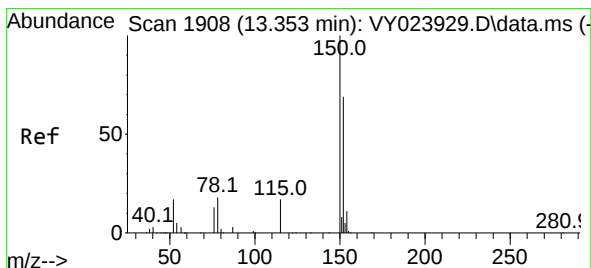
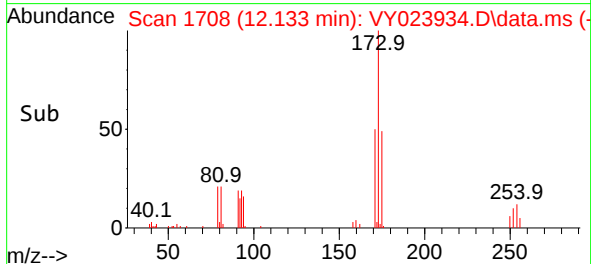
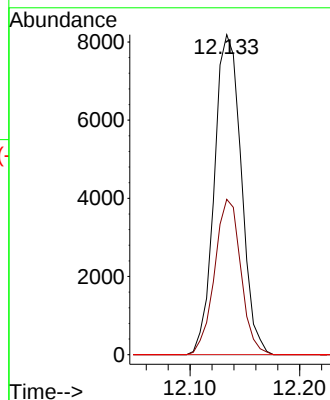
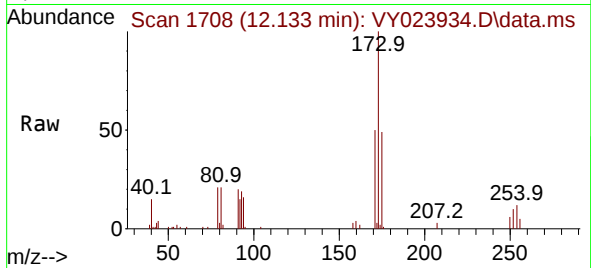




#71
Bromoform
Concen: 4.696 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

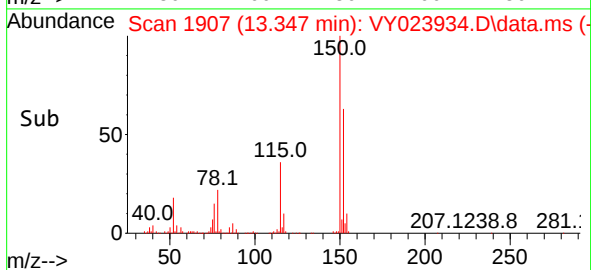
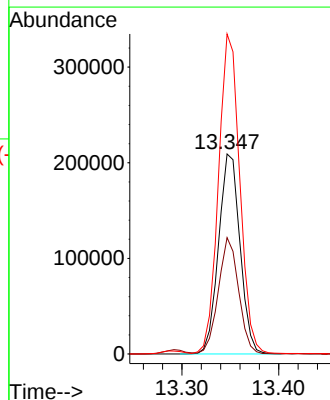
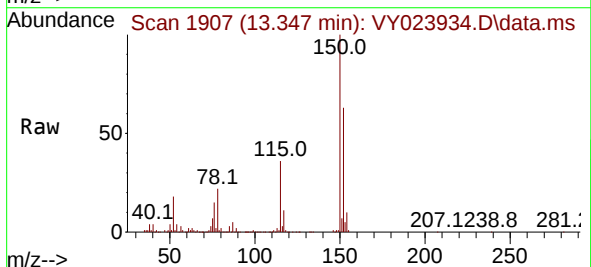
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

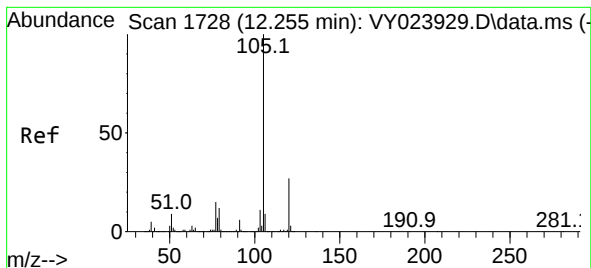
Tgt Ion:173 Resp: 13972
Ion Ratio Lower Upper
173 100
175 47.5 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:152 Resp: 321203
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 159.0 0.0 347.6





#73

Isopropylbenzene

Concen: 3.880 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

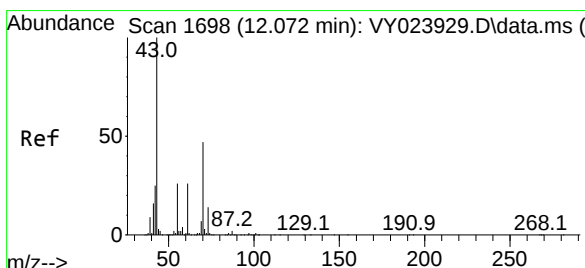
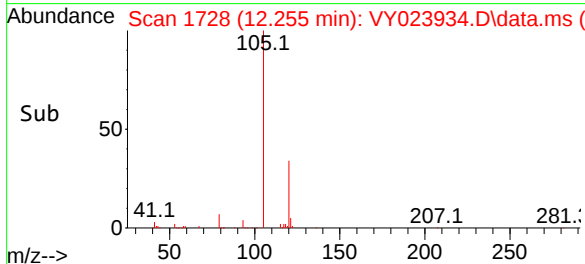
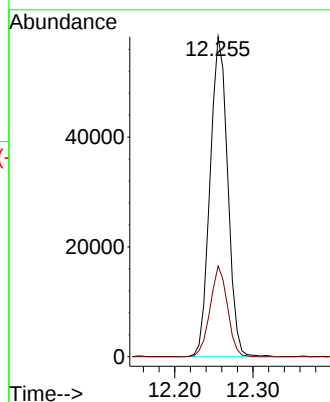
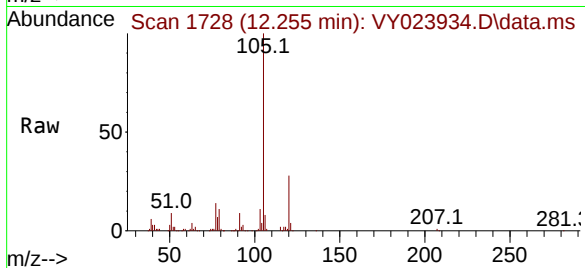
VSTDICC005

Tgt Ion:105 Resp: 91069

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.0



#74

N-ethyl acetate

Concen: 3.616 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Tgt Ion: 43 Resp: 15057

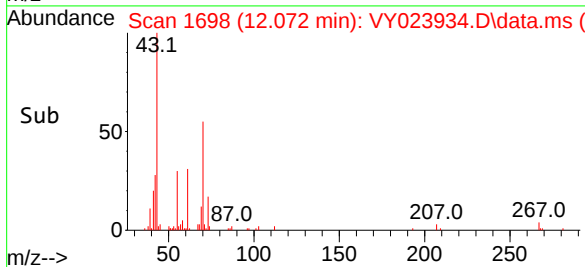
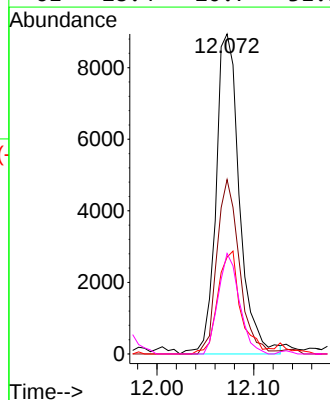
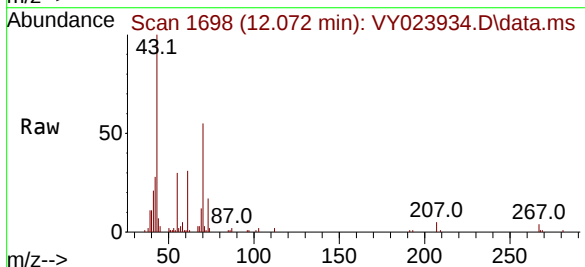
Ion Ratio Lower Upper

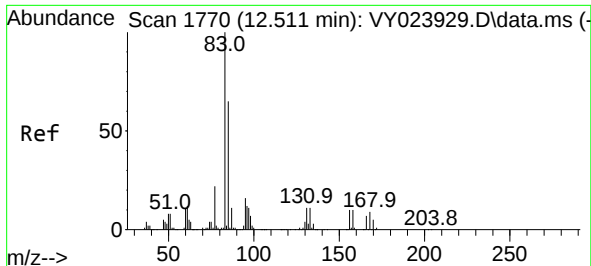
43 100

70 52.1 37.4 56.0

55 31.7 21.6 32.4

61 28.4 20.7 31.1

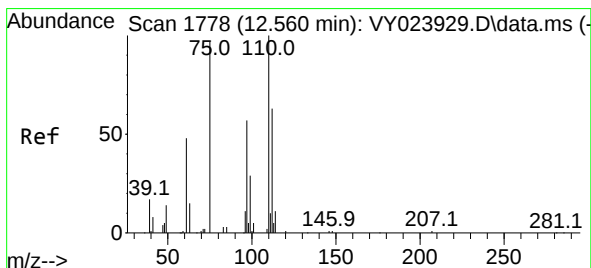
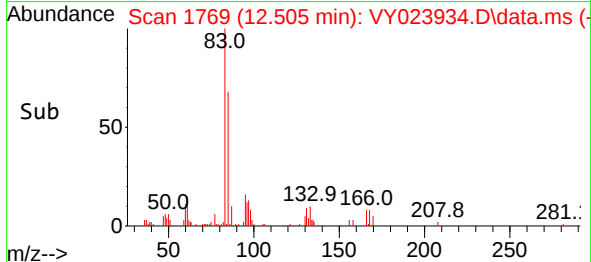
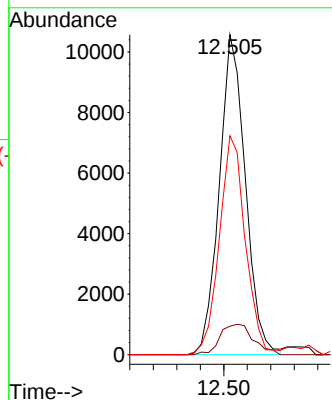
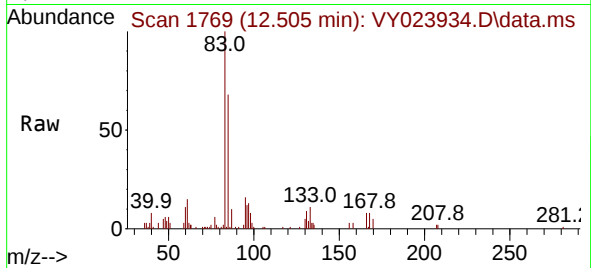




#75
1,1,2,2-Tetrachloroethane
Concen: 4.557 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

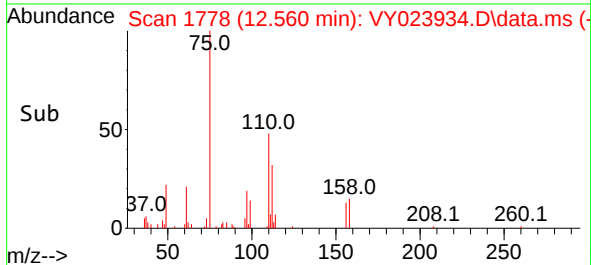
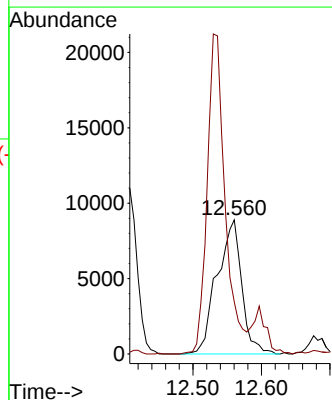
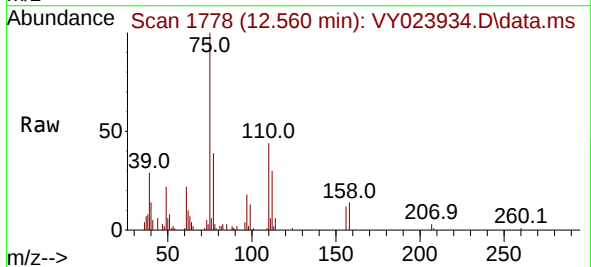
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

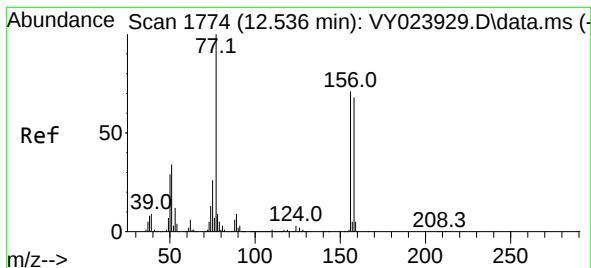
Tgt Ion: 83 Resp: 16289
Ion Ratio Lower Upper
83 100
131 12.1 5.6 16.8
85 68.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 8.148 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 75 Resp: 22208
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.426 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

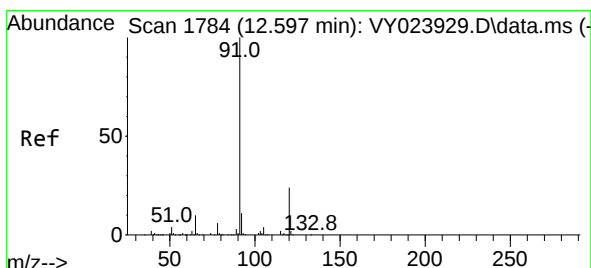
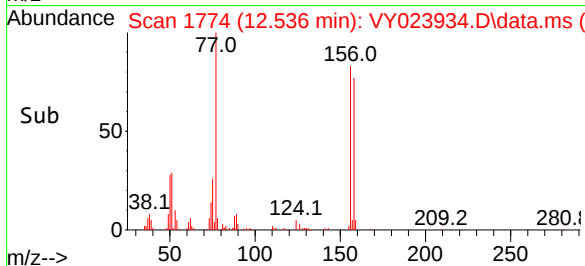
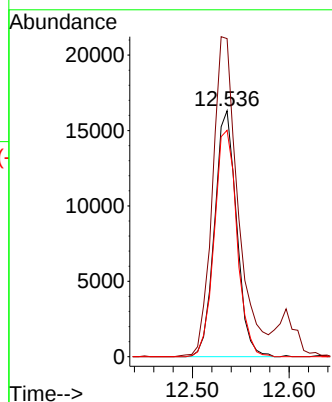
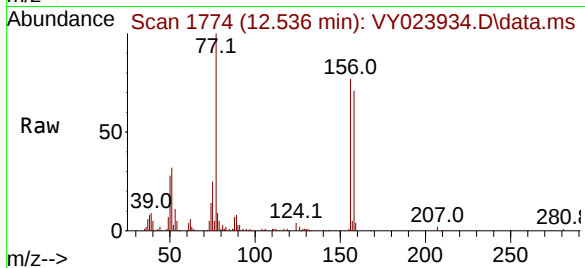
Tgt Ion:156 Resp: 25779

Ion Ratio Lower Upper

156 100

77 150.9 79.8 239.4

158 95.3 48.0 144.2



#78

n-propylbenzene

Concen: 3.889 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023934.D

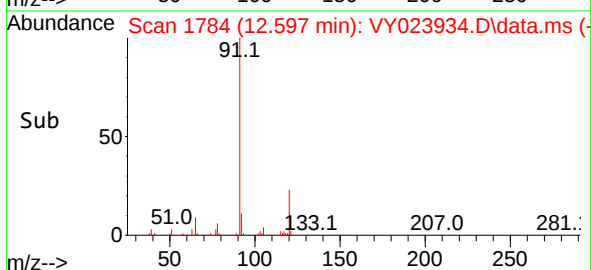
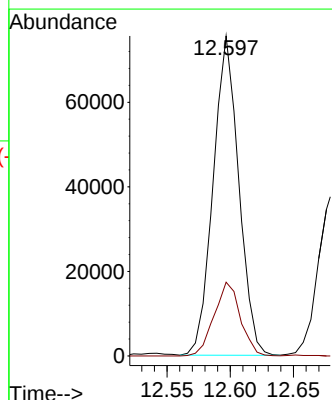
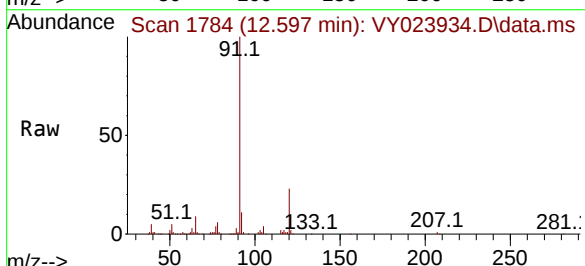
Acq: 10 Dec 2025 12:02

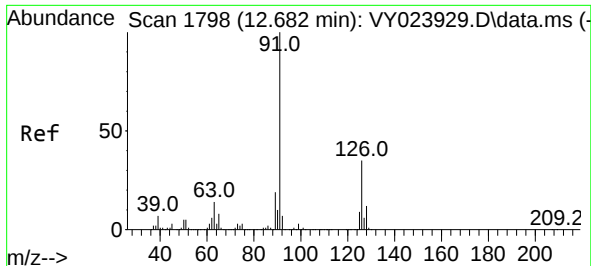
Tgt Ion: 91 Resp: 106208

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.0

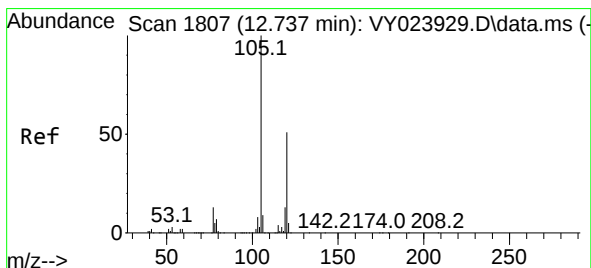
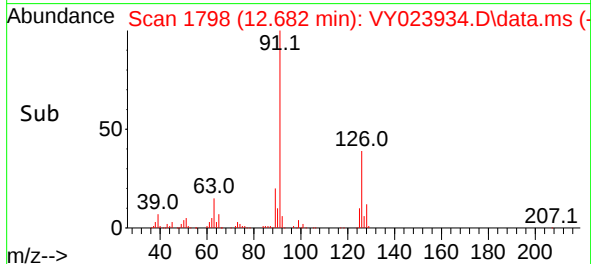
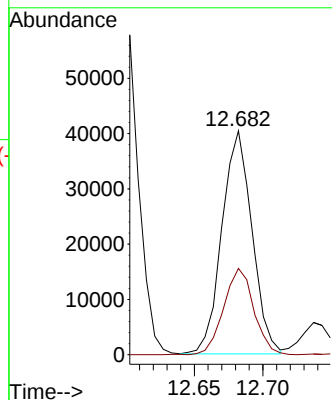
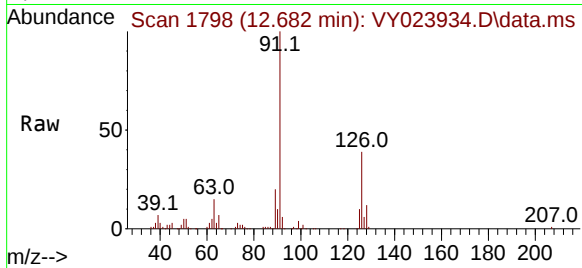




#79
2-Chlorotoluene
Concen: 3.972 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

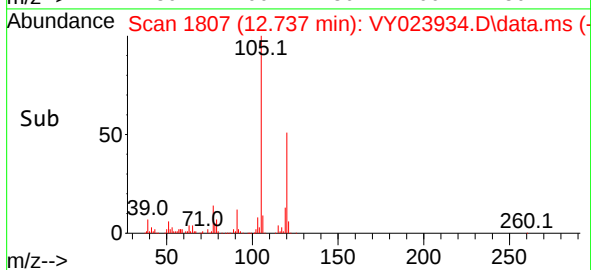
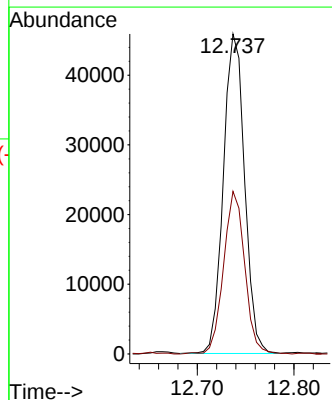
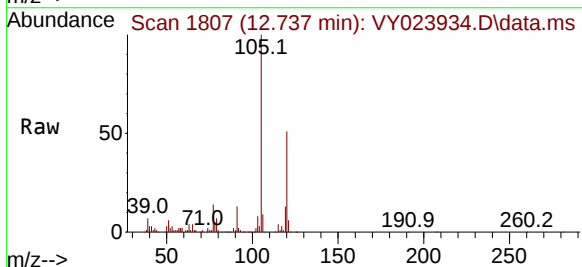
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

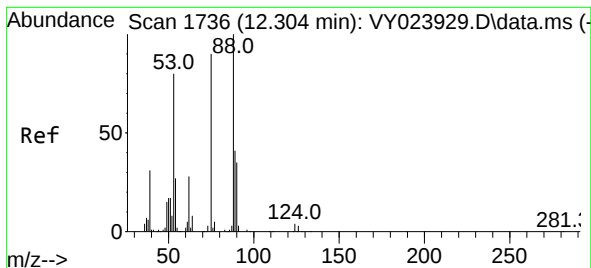
Tgt Ion: 91 Resp: 61625
Ion Ratio Lower Upper
91 100
126 38.7 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 3.733 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 105 Resp: 69918
Ion Ratio Lower Upper
105 100
120 50.7 25.7 77.1

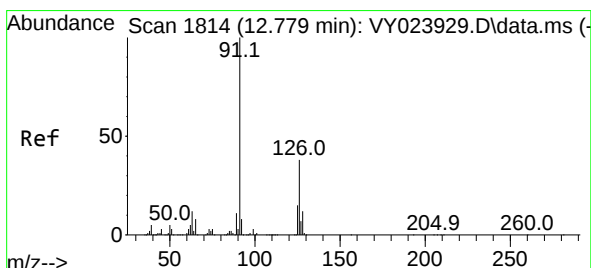
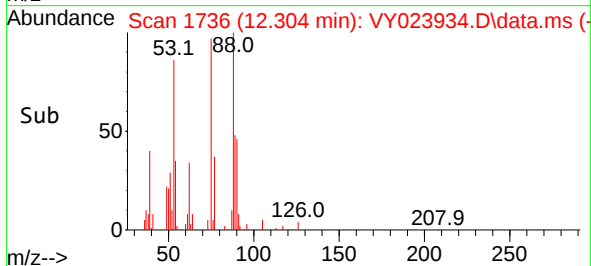
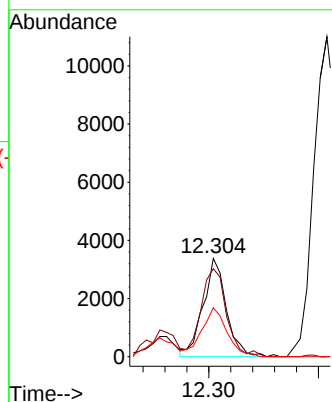
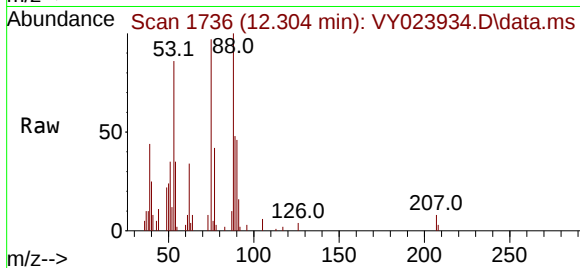




#81
trans-1,4-Dichloro-2-butene
Concen: 4.170 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

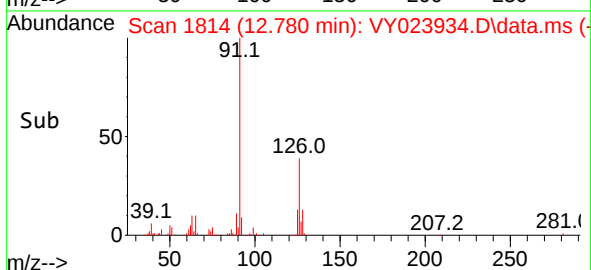
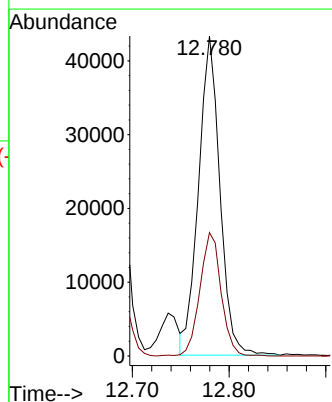
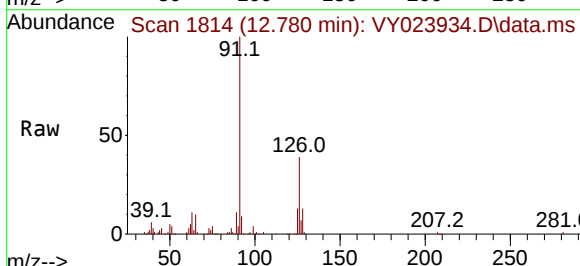
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

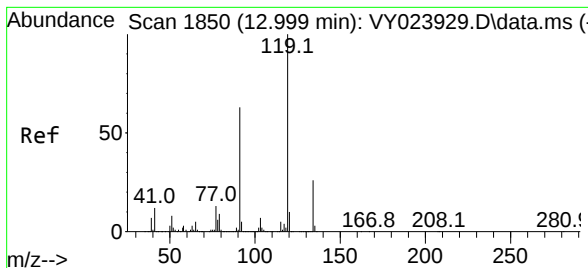
Tgt Ion: 75 Resp: 4977
Ion Ratio Lower Upper
75 100
53 97.0 73.4 110.0
89 54.7 38.9 58.3



#82
4-Chlorotoluene
Concen: 4.159 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion: 91 Resp: 66425
Ion Ratio Lower Upper
91 100
126 38.5 18.1 54.1





#83

tert-Butylbenzene

Concen: 3.824 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

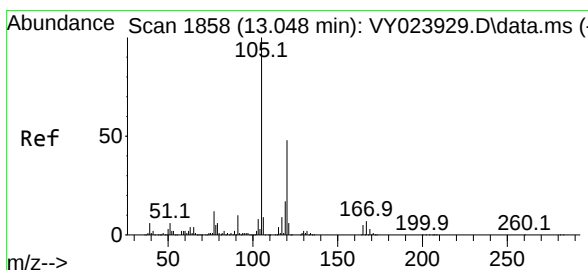
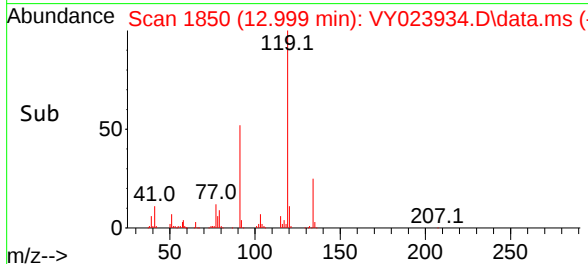
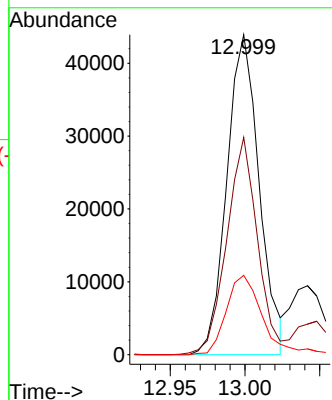
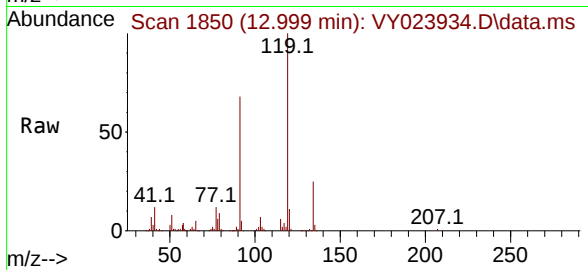
Tgt Ion:119 Resp: 66159

Ion Ratio Lower Upper

119 100

91 64.3 31.6 94.7

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 3.743 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY023934.D

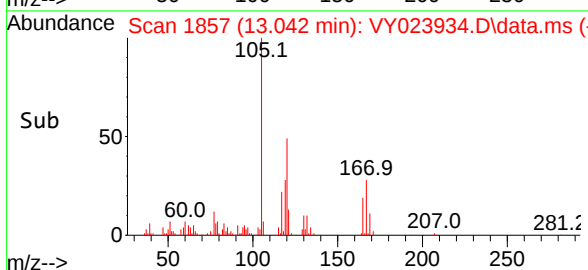
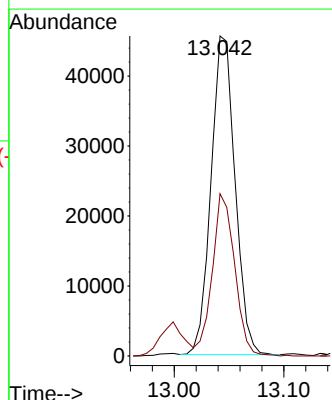
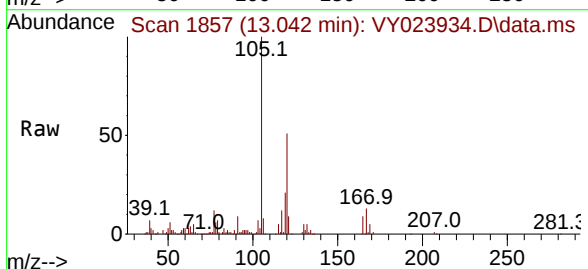
Acq: 10 Dec 2025 12:02

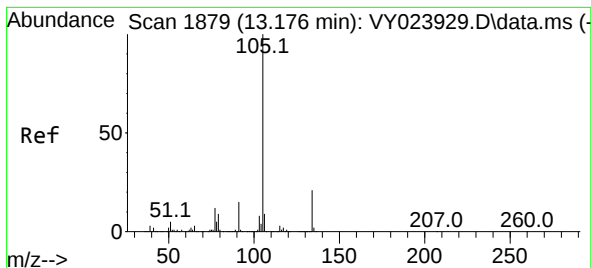
Tgt Ion:105 Resp: 69445

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 3.938 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

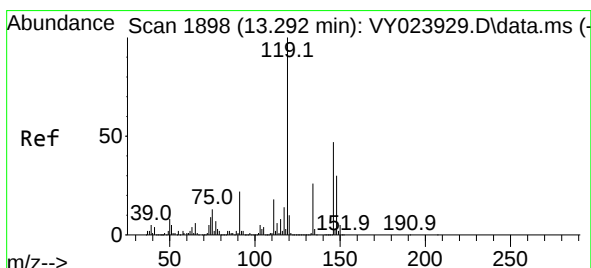
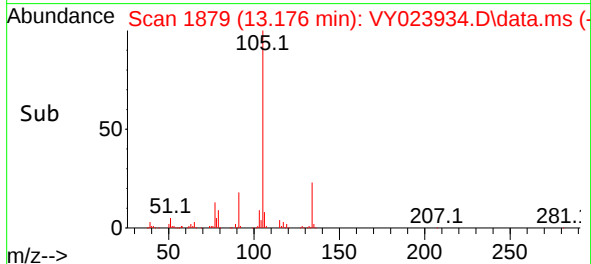
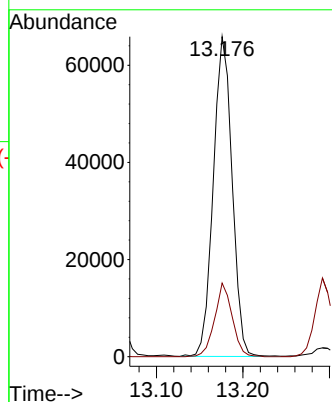
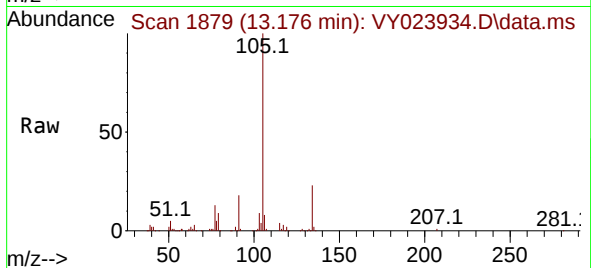
VSTDIC005

Tgt Ion:105 Resp: 99402

Ion Ratio Lower Upper

105 100

134 21.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 3.870 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

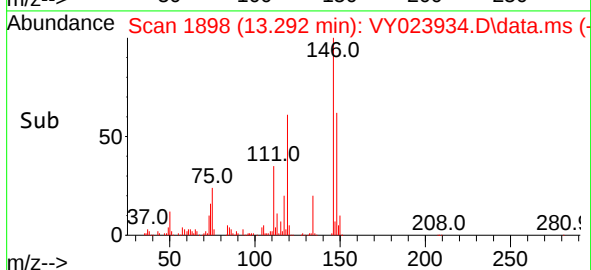
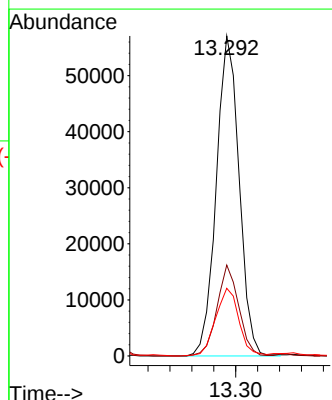
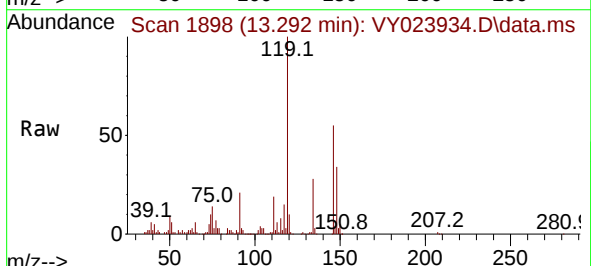
Tgt Ion:119 Resp: 82686

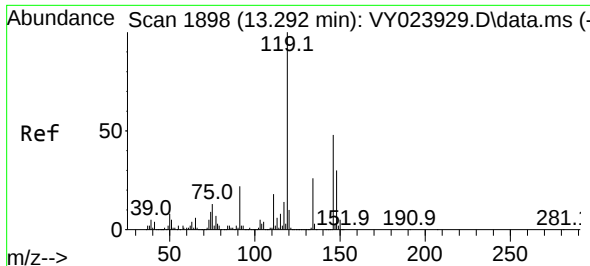
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 21.6 11.1 33.3

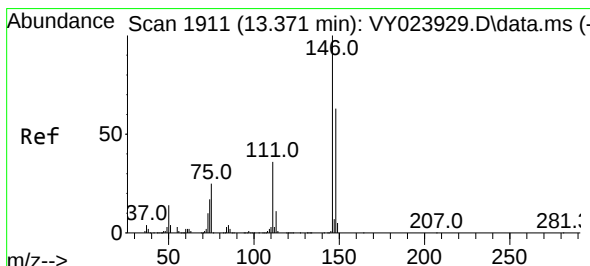
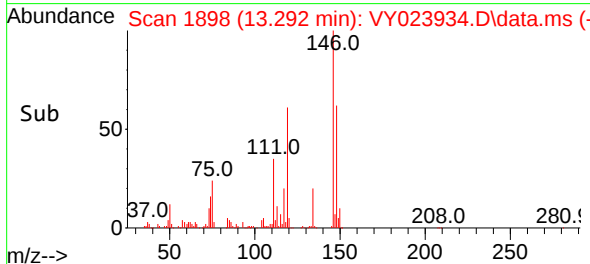
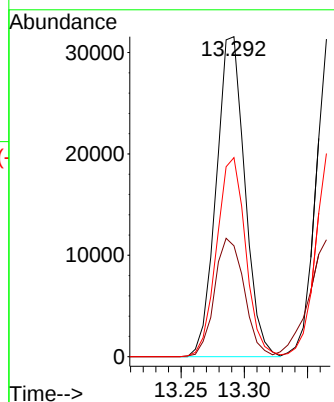
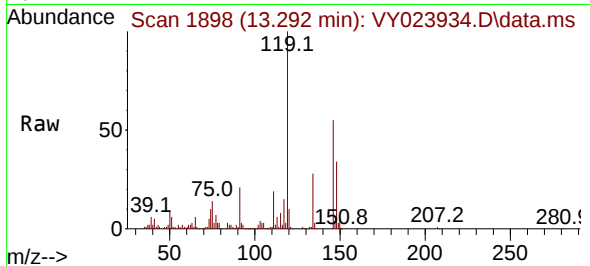




#87
1,3-Dichlorobenzene
Concen: 4.382 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

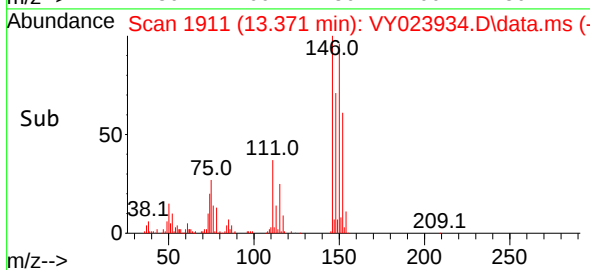
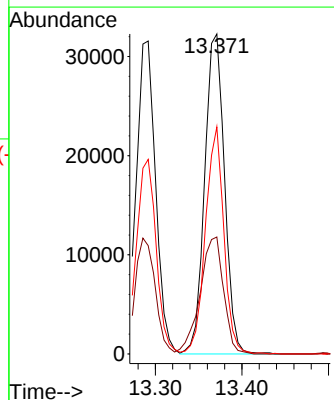
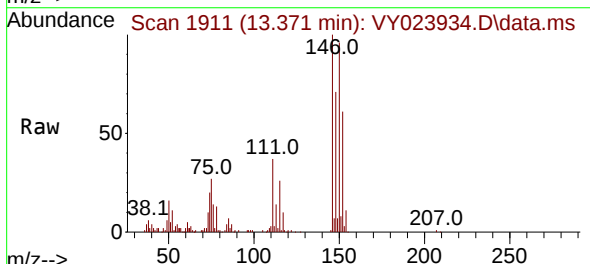
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

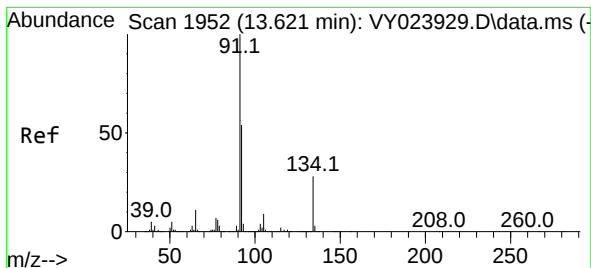
Tgt Ion:146 Resp: 49569
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.9
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 4.609 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY023934.D
Acq: 10 Dec 2025 12:02

Tgt Ion:146 Resp: 51394
Ion Ratio Lower Upper
146 100
111 43.4 18.4 55.0
148 66.1 31.9 95.9





#89

n-Butylbenzene

Concen: 3.933 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

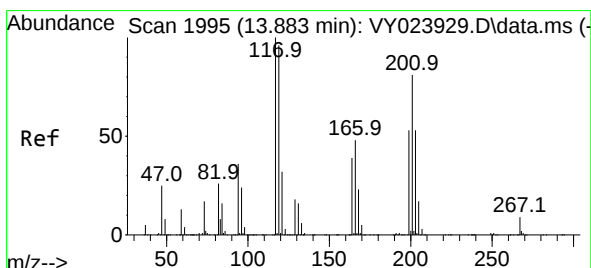
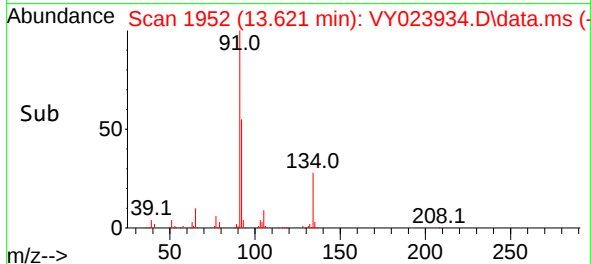
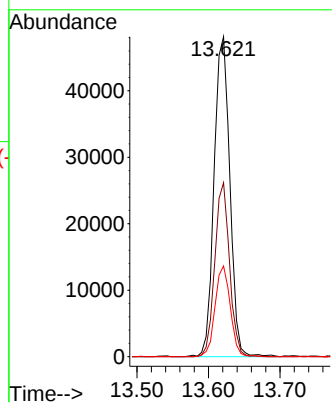
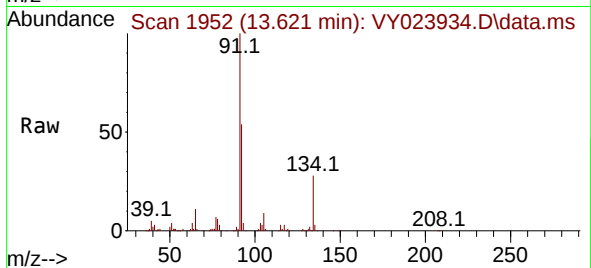
Tgt Ion: 91 Resp: 73525

Ion Ratio Lower Upper

91 100

92 50.9 26.9 80.6

134 27.4 13.9 41.6



#90

Hexachloroethane

Concen: 4.305 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023934.D

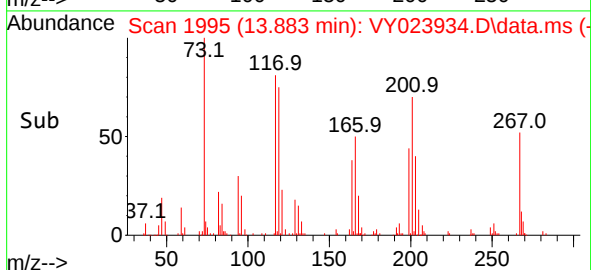
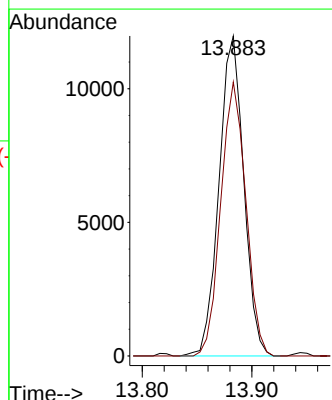
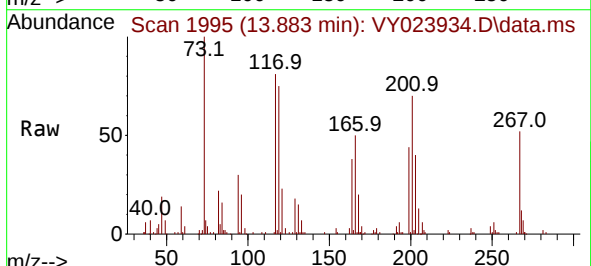
Acq: 10 Dec 2025 12:02

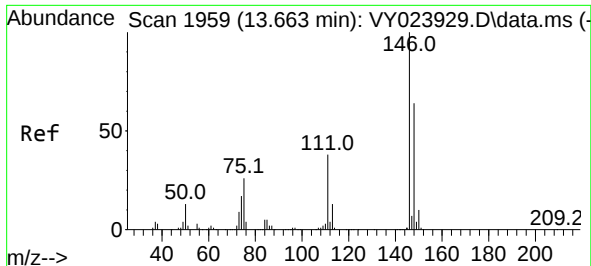
Tgt Ion: 117 Resp: 18767

Ion Ratio Lower Upper

117 100

201 86.6 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 4.617 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

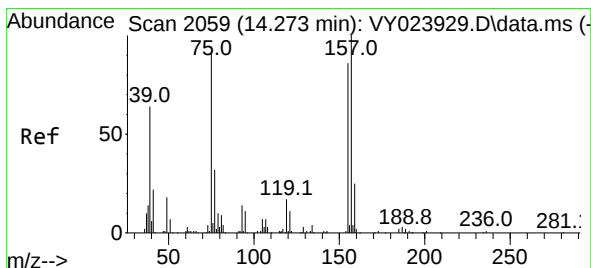
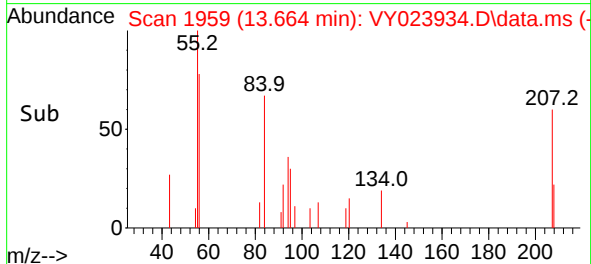
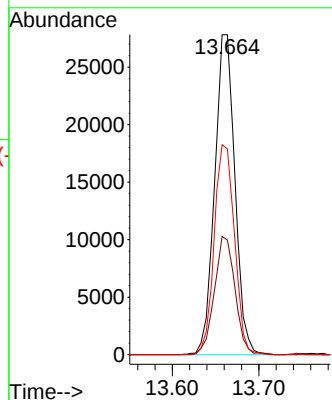
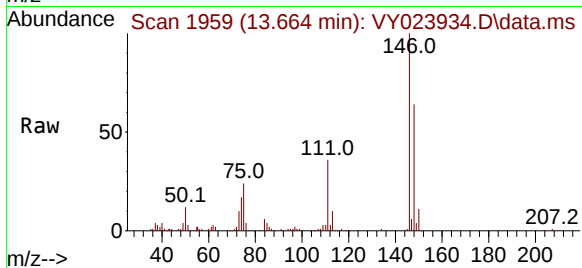
Tgt Ion:146 Resp: 45242

Ion Ratio Lower Upper

146 100

111 37.8 19.6 58.7

148 65.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.121 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

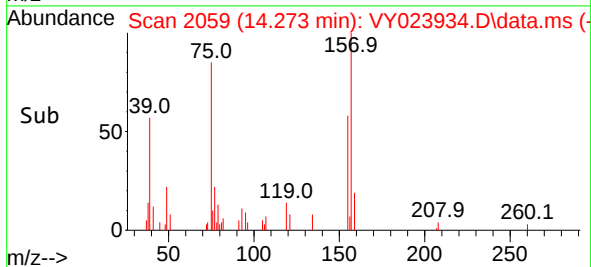
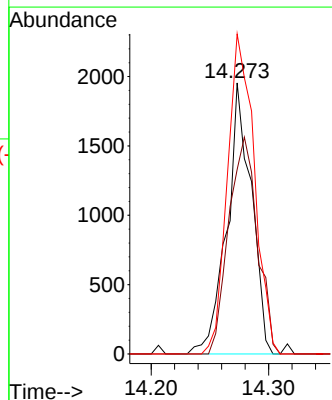
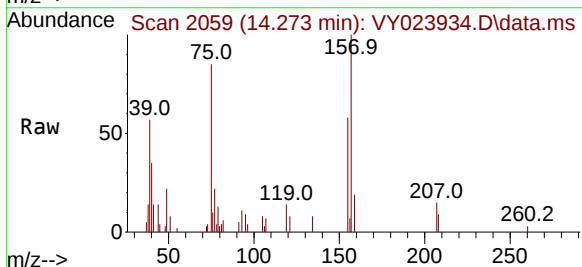
Tgt Ion: 75 Resp: 2834

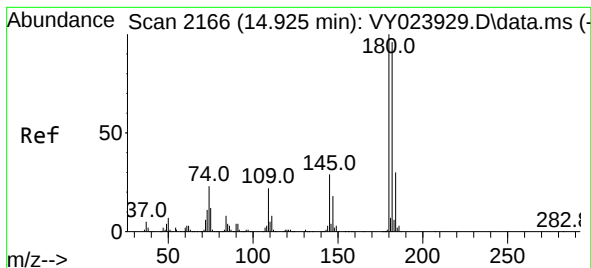
Ion Ratio Lower Upper

75 100

155 93.4 50.2 150.7

157 129.4 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 4.466 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

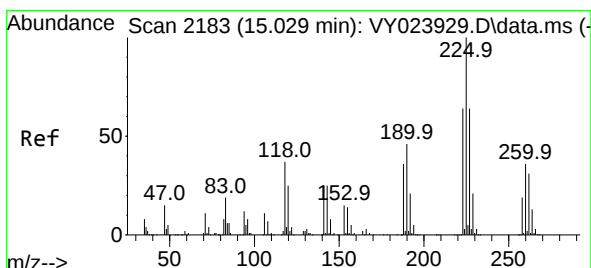
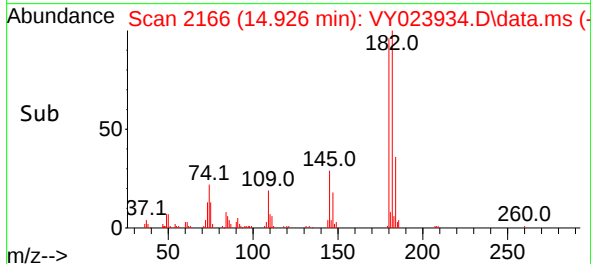
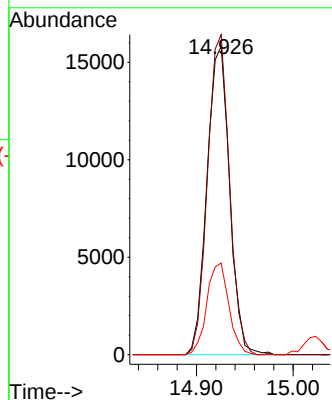
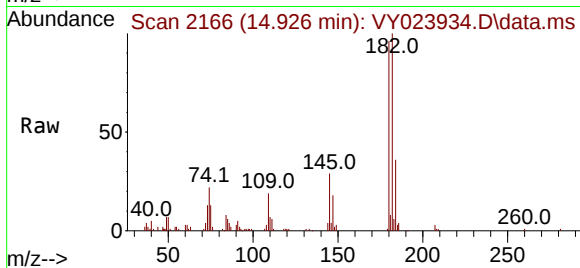
Tgt Ion:180 Resp: 25721

Ion Ratio Lower Upper

180 100

182 100.3 47.6 142.9

145 29.0 14.8 44.4



#94

Hexachlorobutadiene

Concen: 4.705 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

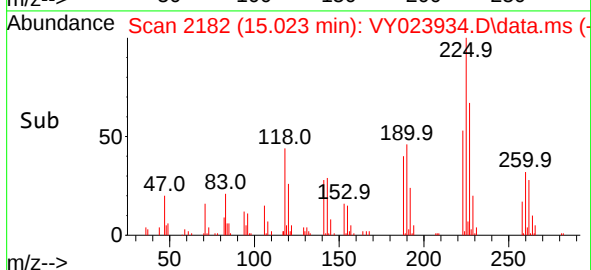
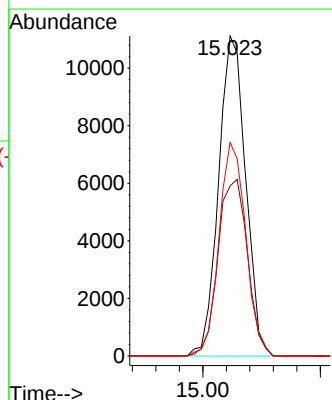
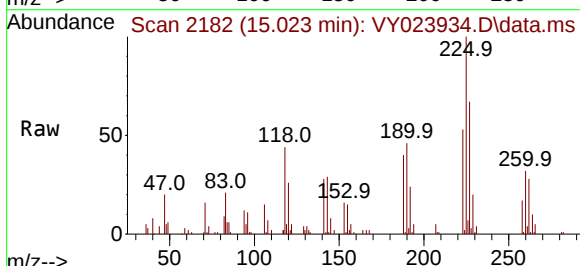
Tgt Ion:225 Resp: 17765

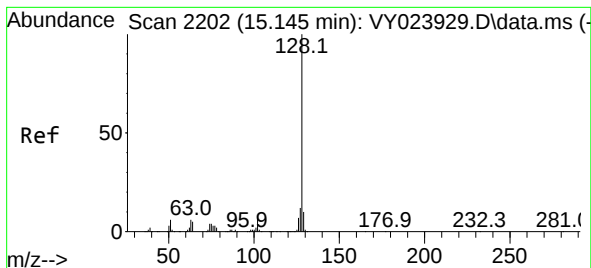
Ion Ratio Lower Upper

225 100

223 60.0 31.6 95.0

227 65.9 31.7 95.1





#95

Naphthalene

Concen: 4.349 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

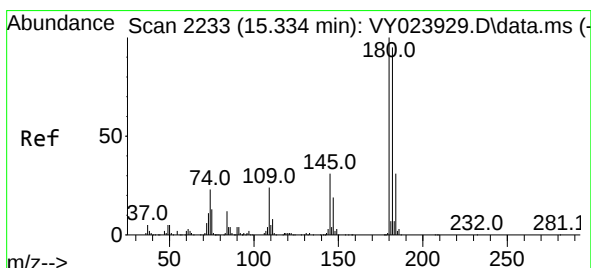
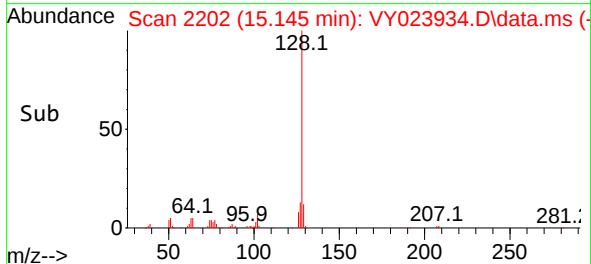
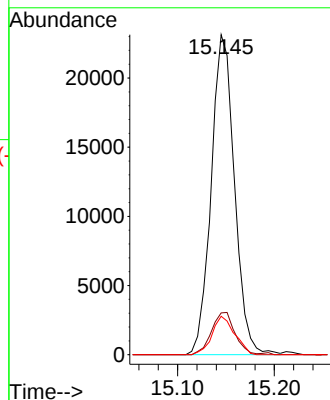
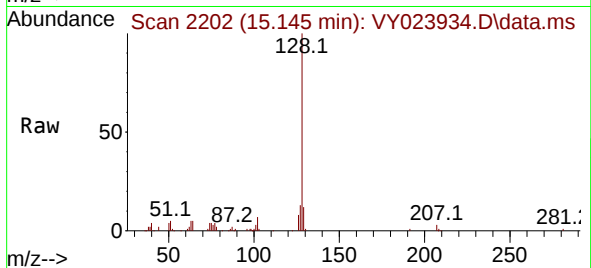
Tgt Ion:128 Resp: 38729

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.746 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023934.D

Acq: 10 Dec 2025 12:02

Tgt Ion:180 Resp: 23261

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

145 30.3 15.6 46.8

