

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022491.D
 Acq On : 02 Jun 2025 11:46
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 03 02:52:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 02:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	201089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	353755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	289394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10508	4.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.600%#
35) Dibromofluoromethane	7.646	113	9323	4.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	8.960%#
50) Toluene-d8	10.109	98	37729	4.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.960%#
62) 4-Bromofluorobenzene	12.408	95	11988	4.697	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	8717	4.961	ug/l	99
3) Chloromethane	2.068	50	26535	5.119	ug/l	98
4) Vinyl Chloride	2.208	62	27572	4.544	ug/l	98
5) Bromomethane	2.598	94	27457	4.784	ug/l	98
6) Chloroethane	2.739	64	19566	4.710	ug/l	95
7) Trichlorofluoromethane	3.062	101	22825	4.428	ug/l	92
8) Diethyl Ether	3.464	74	5184	4.553	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	10259	4.744	ug/l	97
10) Methyl Iodide	4.007	142	9174	3.956	ug/l #	95
11) Tert butyl alcohol	4.891	59	3374	21.587	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	9440	4.573	ug/l	97
13) Acrolein	3.671	56	5656	29.646	ug/l	95
14) Allyl chloride	4.391	41	15096	4.693	ug/l	98
15) Acrylonitrile	5.080	53	10667	22.026	ug/l	97
16) Acetone	3.885	43	13023	30.108	ug/l #	87
17) Carbon Disulfide	4.110	76	30222	4.586	ug/l	99
18) Methyl Acetate	4.397	43	5630	4.327	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	26276	4.562	ug/l	97
20) Methylene Chloride	4.622	84	17312	7.168	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	10489	4.549	ug/l	86
22) Diisopropyl ether	6.037	45	32497	4.544	ug/l	95
23) Vinyl Acetate	5.970	43	91478	21.559	ug/l	98
24) 1,1-Dichloroethane	5.921	63	19460	4.603	ug/l	97
25) 2-Butanone	6.909	43	14423	22.605	ug/l	95
26) 2,2-Dichloropropane	6.896	77	16805	4.471	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	11906	4.467	ug/l	98
28) Bromochloromethane	7.250	49	9453	5.175	ug/l	100
29) Tetrahydrofuran	7.274	42	9377	22.781	ug/l	95
30) Chloroform	7.427	83	19302	4.620	ug/l	87
31) Cyclohexane	7.707	56	23482	5.519	ug/l #	90
32) 1,1,1-Trichloroethane	7.628	97	16476	4.413	ug/l	98
36) 1,1-Dichloropropene	7.841	75	14700	4.367	ug/l	99
37) Ethyl Acetate	6.994	43	5662	3.822	ug/l #	86
38) Carbon Tetrachloride	7.823	117	14691	4.233	ug/l	95
39) Methylcyclohexane	9.109	83	20076	4.415	ug/l	95
40) Benzene	8.085	78	42926	4.326	ug/l	96

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4192	4.394	ug/l #	89
42) 1,2-Dichloroethane	8.164	62	11332	4.198	ug/l	99
43) Isopropyl Acetate	8.207	43	13330	4.117	ug/l	95
44) Trichloroethene	8.872	130	10404	4.292	ug/l	79
45) 1,2-Dichloropropane	9.146	63	9678	4.091	ug/l	100
46) Dibromomethane	9.244	93	5596	4.223	ug/l	95
47) Bromodichloromethane	9.433	83	13448	3.999	ug/l	96
48) Methyl methacrylate	9.225	41	6483	4.374	ug/l	91
49) 1,4-Dioxane	9.231	88	574	36.306	ug/l #	1
51) 4-Methyl-2-Pentanone	10.000	43	30969	19.273	ug/l	98
52) Toluene	10.170	92	25893	4.150	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	12388	3.982	ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	14966	4.103	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	7318	4.385	ug/l	98
56) Ethyl methacrylate	10.445	69	9092	3.751	ug/l	94
57) 1,3-Dichloropropane	10.719	76	12648	4.255	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	24214	22.409	ug/l	97
59) 2-Hexanone	10.768	43	21243	19.832	ug/l	94
60) Dibromochloromethane	10.914	129	8781	4.152	ug/l	94
61) 1,2-Dibromoethane	11.018	107	6146	3.991	ug/l	100
64) Tetrachloroethene	10.652	164	10863	4.417	ug/l	95
65) Chlorobenzene	11.444	112	27467	4.377	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	8422	3.959	ug/l	94
67) Ethyl Benzene	11.524	91	47883	4.098	ug/l	96
68) m/p-Xylenes	11.627	106	35645	8.060	ug/l	99
69) o-Xylene	11.956	106	16866	4.075	ug/l	95
70) Styrene	11.975	104	26313	3.840	ug/l	99
71) Bromoform	12.133	173	4649	4.159	ug/l #	97
73) Isopropylbenzene	12.255	105	44350	4.307	ug/l	100
74) N-amyl acetate	12.072	43	9632	3.699	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	7289	4.359	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	9988	5.920	ug/l #	100
77) Bromobenzene	12.536	156	9241	4.234	ug/l	95
78) n-propylbenzene	12.597	91	56543	4.511	ug/l	98
79) 2-Chlorotoluene	12.682	91	30387	4.591	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	35122	4.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2596	4.411	ug/l	96
82) 4-Chlorotoluene	12.780	91	30501	4.447	ug/l	99
83) tert-Butylbenzene	12.999	119	31232	4.252	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	34752	4.314	ug/l	100
85) sec-Butylbenzene	13.176	105	49546	4.449	ug/l	99
86) p-Isopropyltoluene	13.292	119	38822	4.240	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	19350	4.431	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	19268	4.529	ug/l	91
89) n-Butylbenzene	13.615	91	37774	4.333	ug/l	100
90) Hexachloroethane	13.883	117	8072	4.506	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	15922	4.244	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	949	3.754	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	8529	4.159	ug/l	95
94) Hexachlorobutadiene	15.023	225	5627	5.024	ug/l	98
95) Naphthalene	15.145	128	15167	3.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	7952	4.563	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

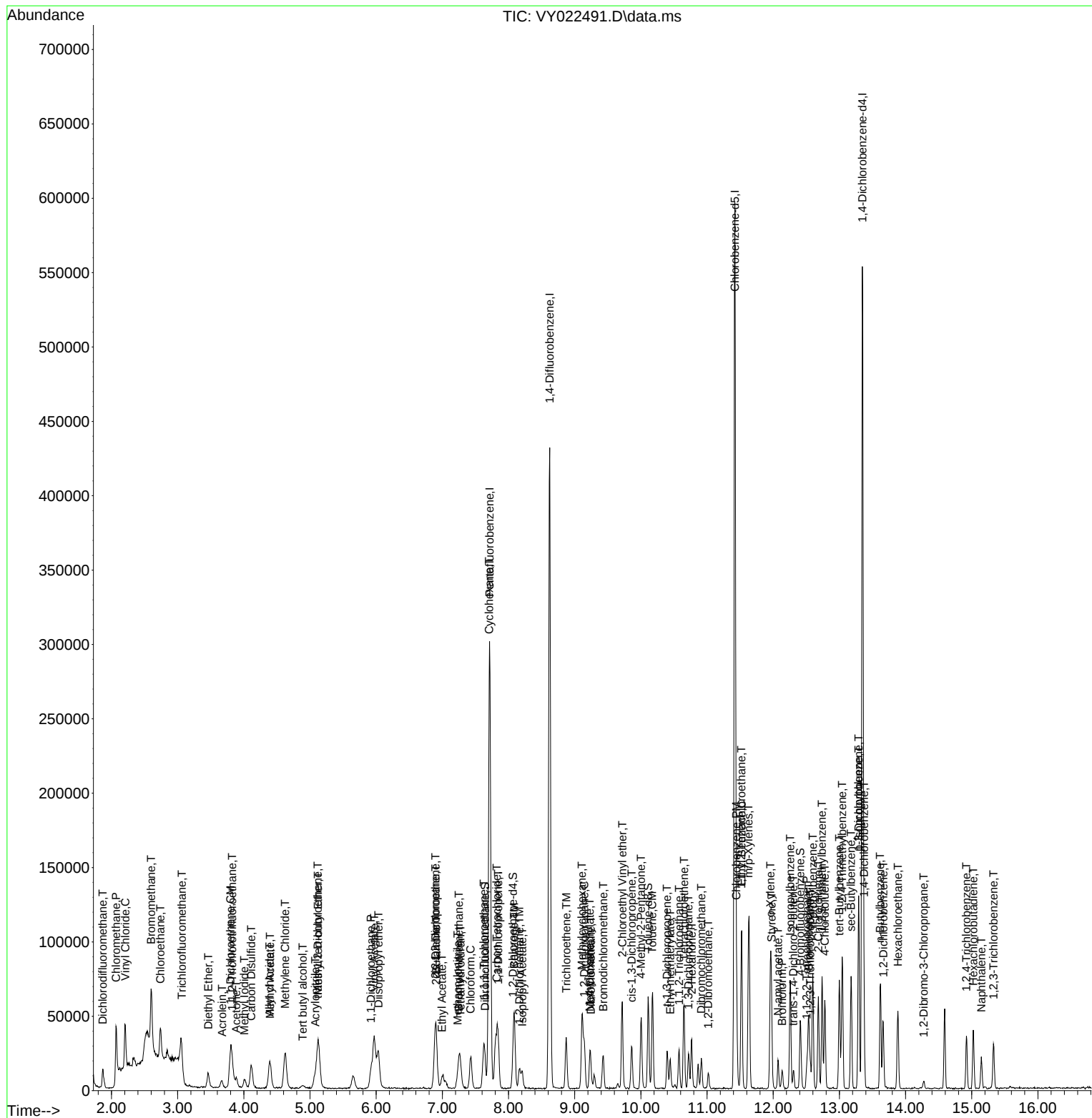
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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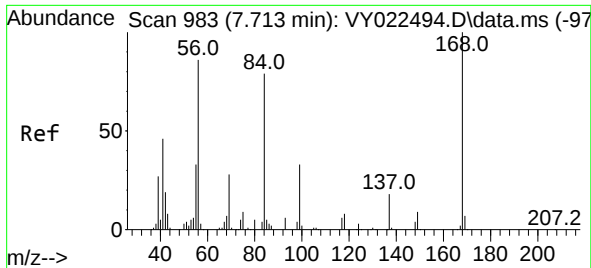
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022491.D
 Acq On : 02 Jun 2025 11:46
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 03 02:52:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
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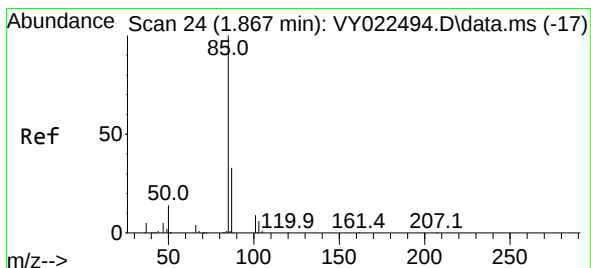
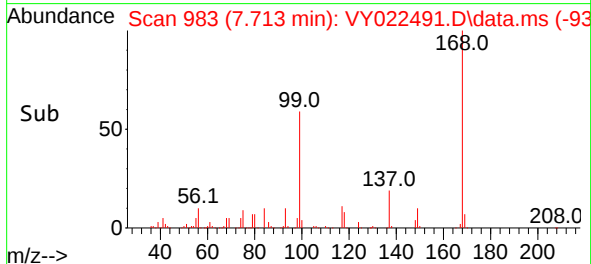
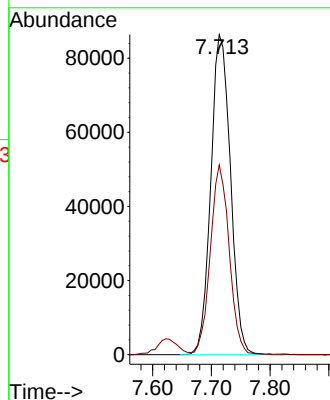
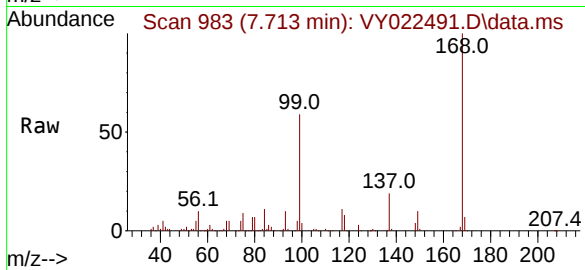




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022491.D
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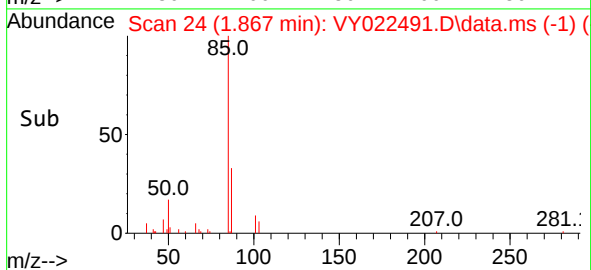
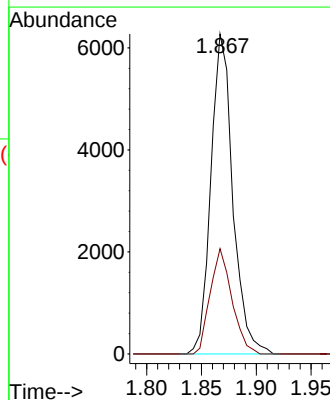
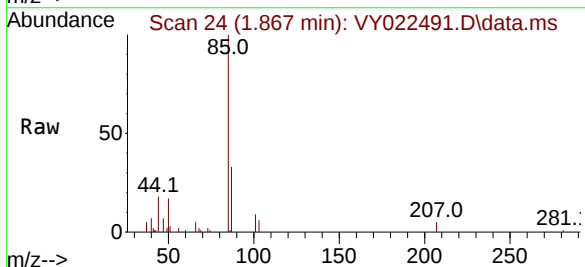
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

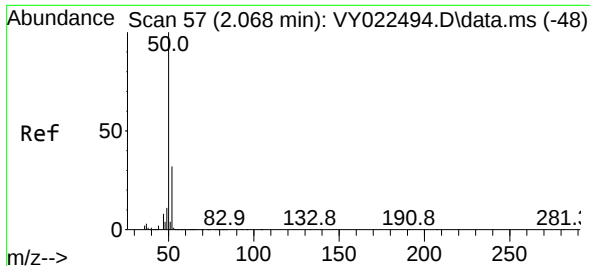
Tgt Ion:168 Resp: 201089
Ion Ratio Lower Upper
168 100
99 59.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 4.961 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 85 Resp: 8717
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0

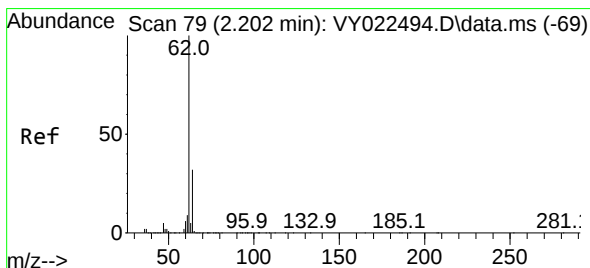
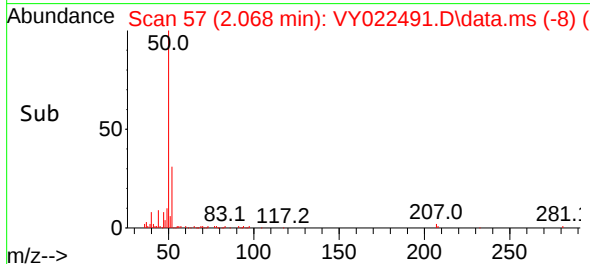
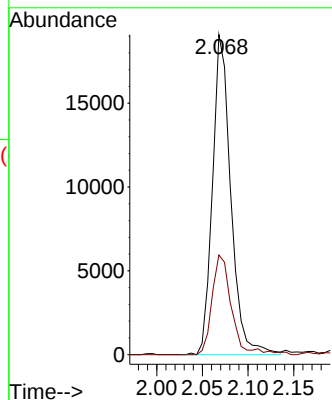
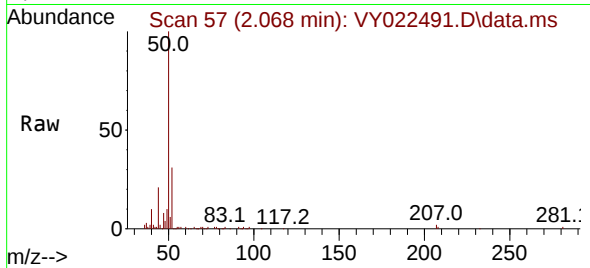




#3
Chloromethane
Concen: 5.119 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

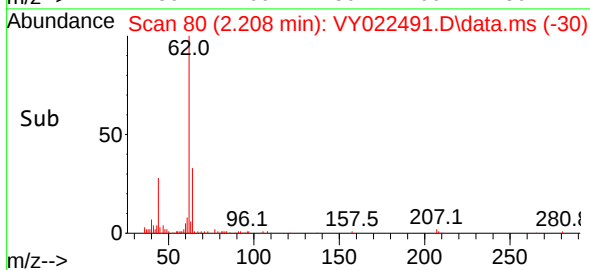
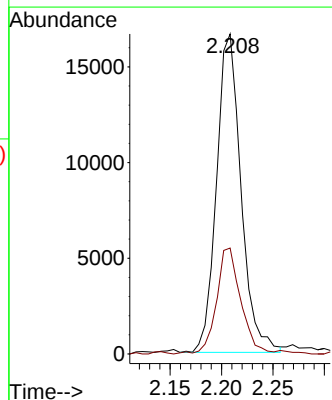
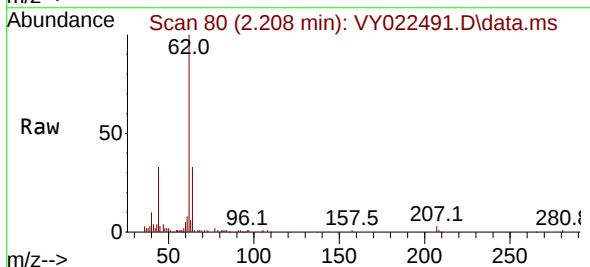
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ClientSampleId :
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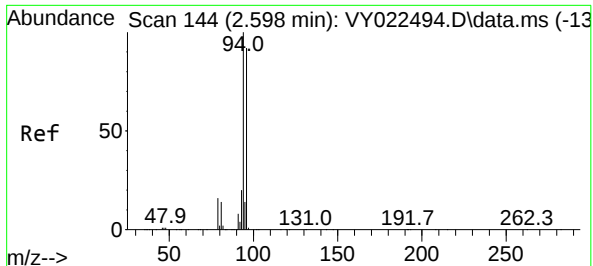
Tgt Ion: 50 Resp: 26535
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0



#4
Vinyl Chloride
Concen: 4.544 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 27572
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9

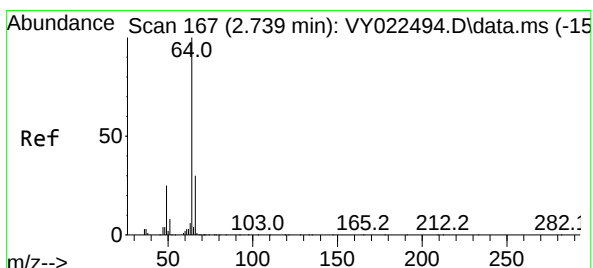
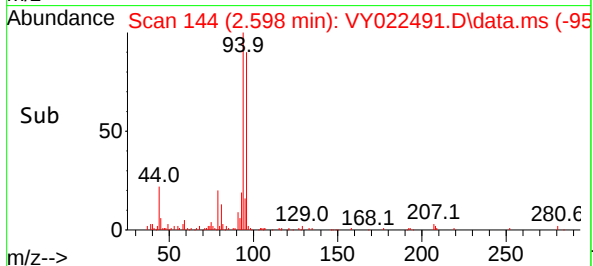
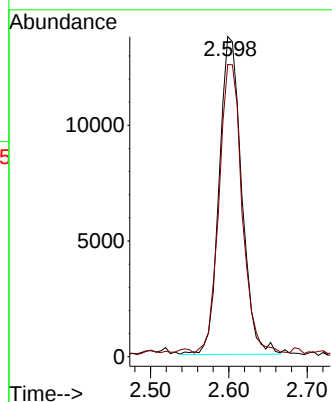
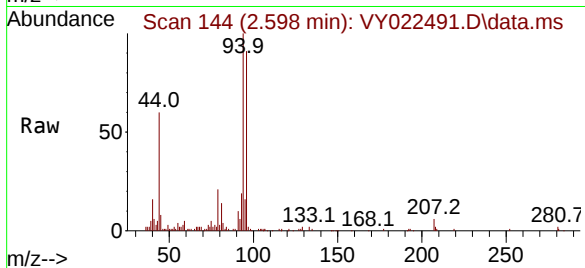




#5
Bromomethane
Concen: 4.784 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

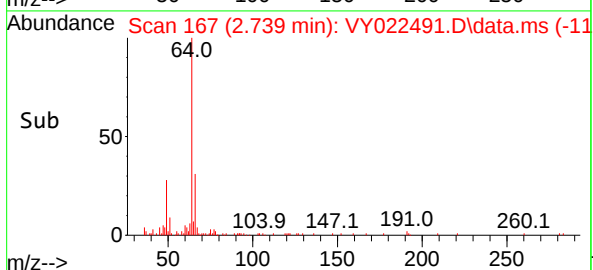
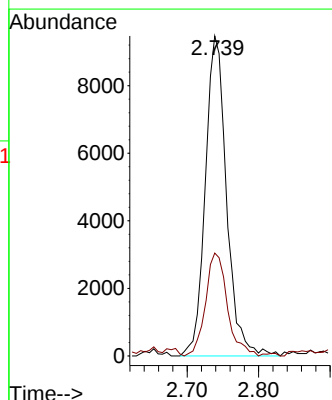
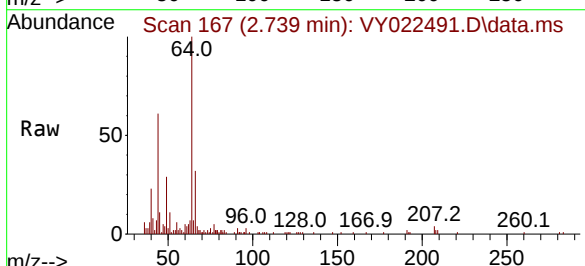
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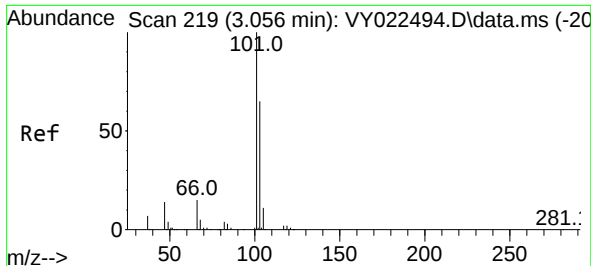
Tgt Ion: 94 Resp: 27457
Ion Ratio Lower Upper
94 100
96 90.5 74.0 111.0



#6
Chloroethane
Concen: 4.710 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022491.D
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Tgt Ion: 64 Resp: 19566
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6

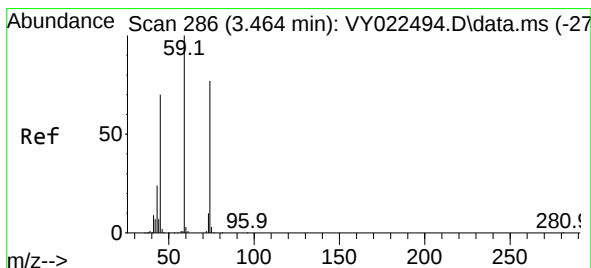
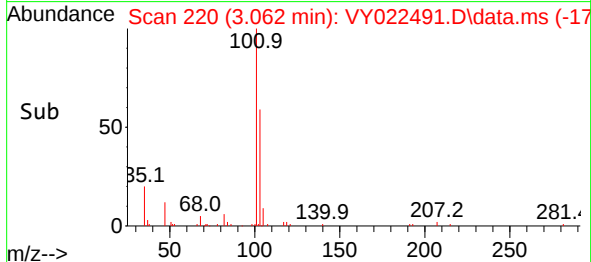
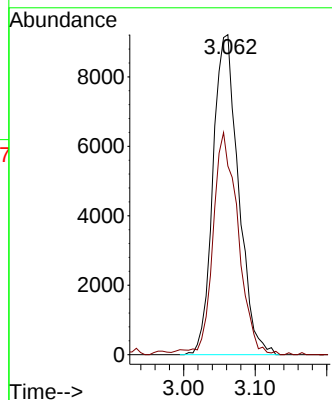
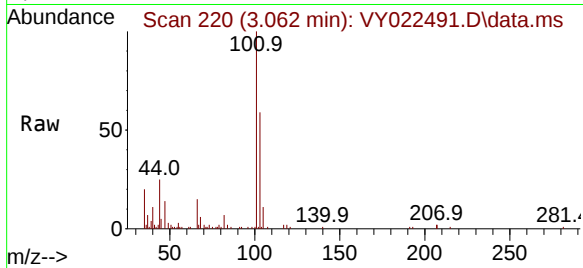




#7
 Trichlorofluoromethane
 Concen: 4.428 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY022491.D
 Acq: 02 Jun 2025 11:46

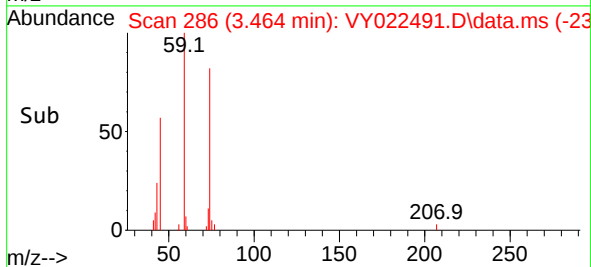
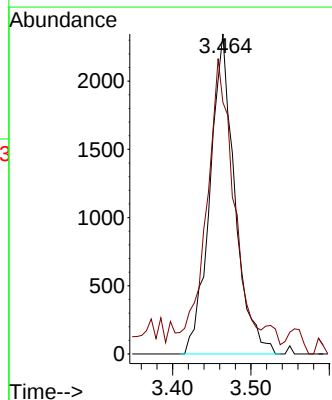
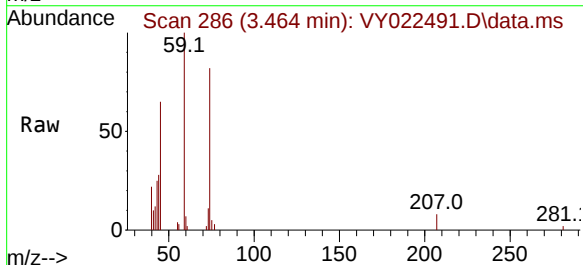
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 22825
 Ion Ratio Lower Upper
 101 100
 103 59.0 52.2 78.2



#8
 Diethyl Ether
 Concen: 4.553 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY022491.D
 Acq: 02 Jun 2025 11:46

Tgt Ion: 74 Resp: 5184
 Ion Ratio Lower Upper
 74 100
 45 98.9 45.9 137.6

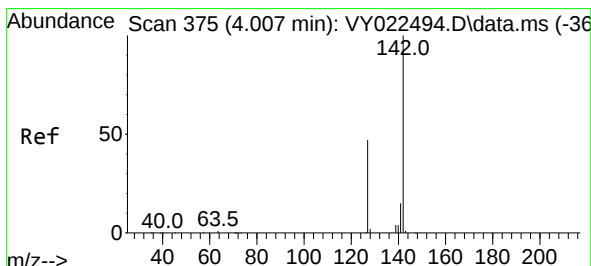
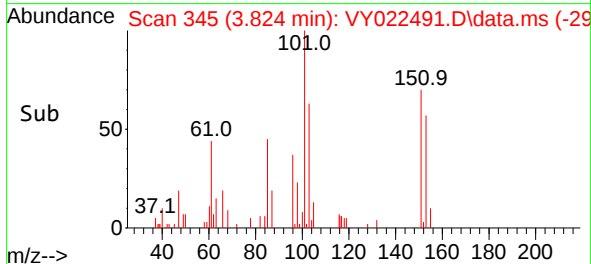
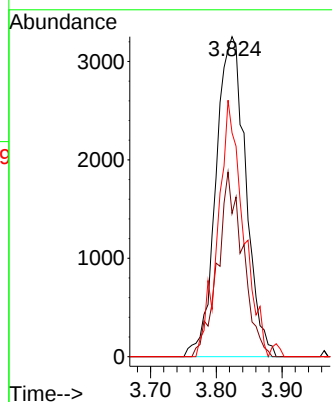
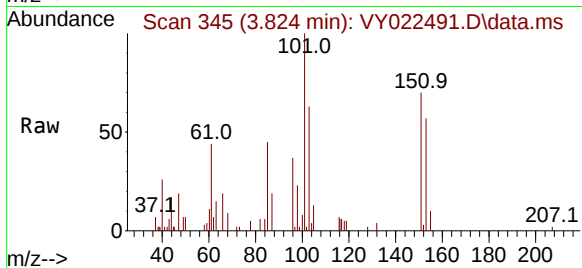




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.744 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

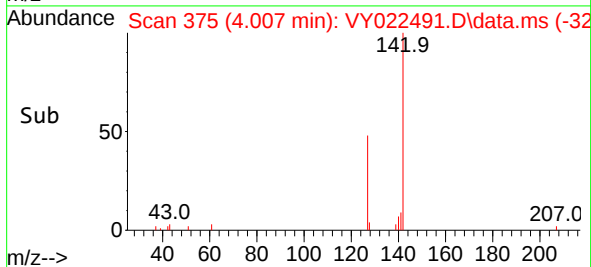
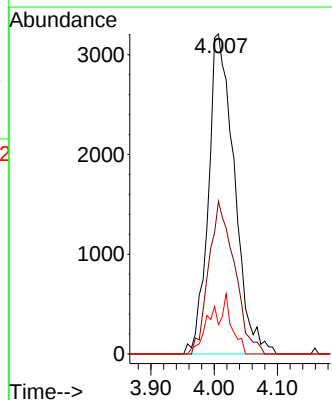
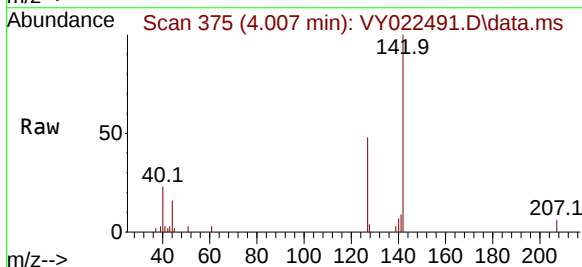
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

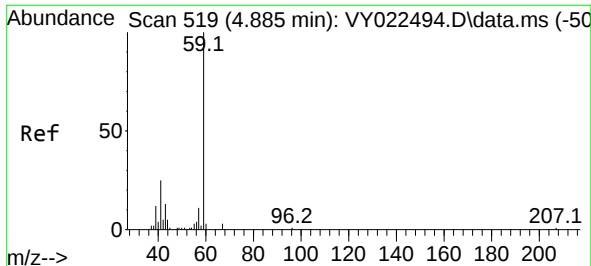
Tgt Ion:101 Resp: 10259
Ion Ratio Lower Upper
101 100
85 48.8 39.3 58.9
151 67.9 57.8 86.8



#10
Methyl Iodide
Concen: 3.956 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

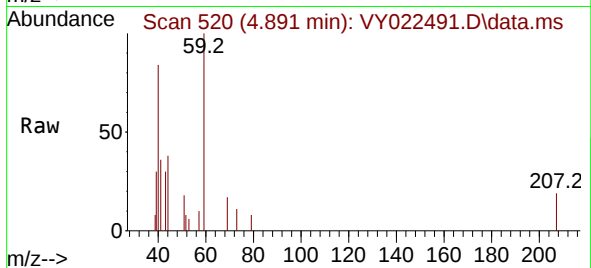
Tgt Ion:142 Resp: 9174
Ion Ratio Lower Upper
142 100
127 47.3 37.1 55.7
141 7.8 11.4 17.2#



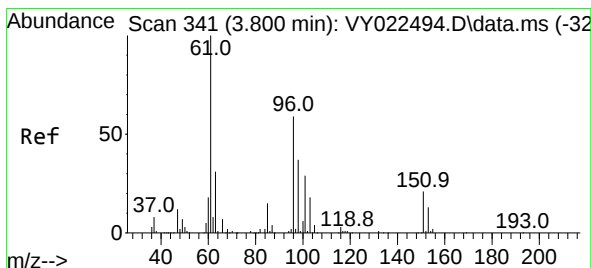
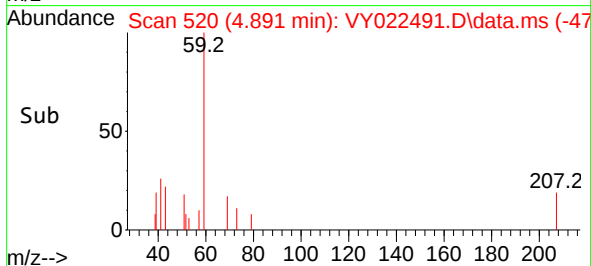
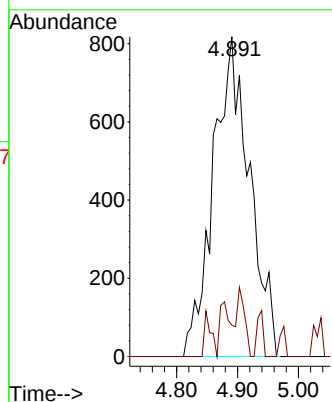


#11
Tert butyl alcohol
Concen: 21.587 ug/l
RT: 4.891 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

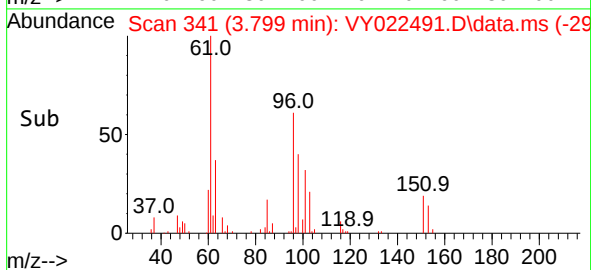
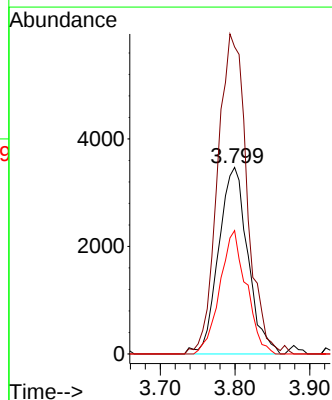
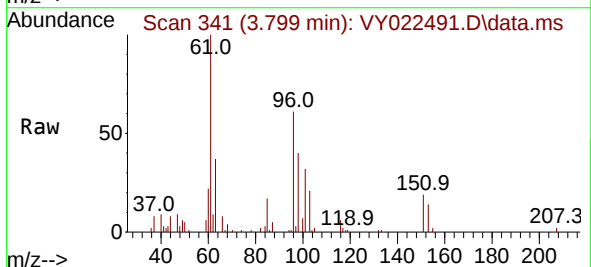


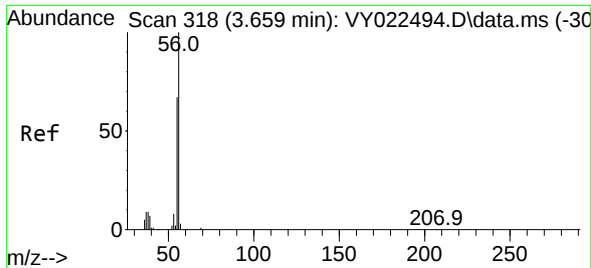
Tgt Ion: 59 Resp: 3374
Ion Ratio Lower Upper
59 100
57 5.6 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 4.573 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 9440
Ion Ratio Lower Upper
96 100
61 164.6 134.6 201.8
98 66.2 50.2 75.4





#13

Acrolein

Concen: 29.646 ug/l

RT: 3.671 min Scan# 318

Delta R.T. 0.012 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

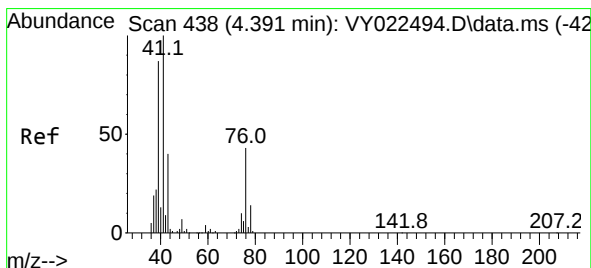
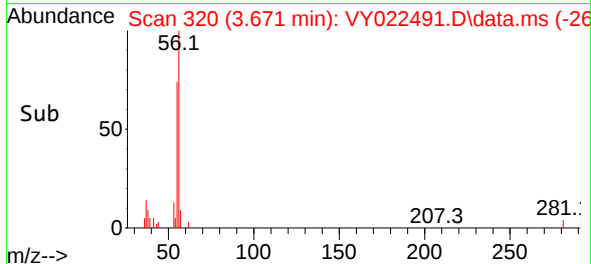
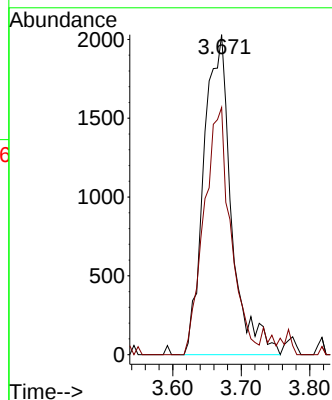
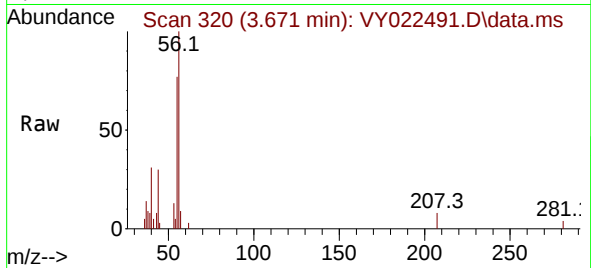
VSTDICC005

Tgt Ion: 56 Resp: 5656

Ion Ratio Lower Upper

56 100

55 75.3 57.0 85.6



#14

Allyl chloride

Concen: 4.693 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

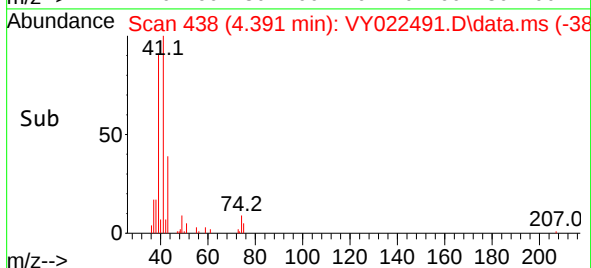
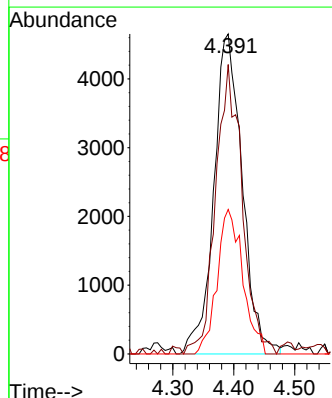
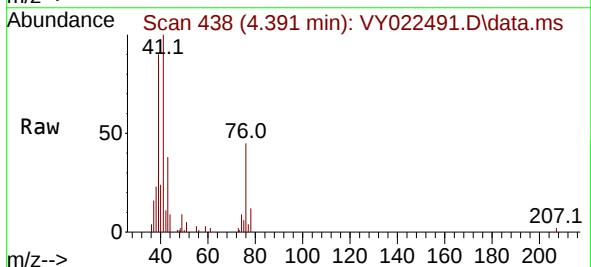
Tgt Ion: 41 Resp: 15096

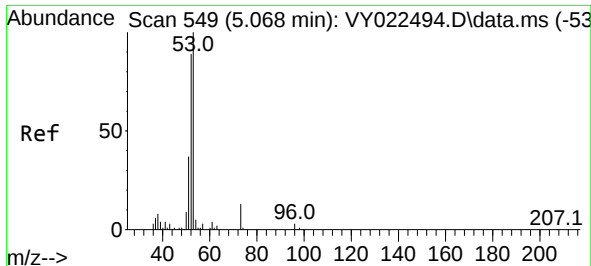
Ion Ratio Lower Upper

41 100

39 84.0 69.1 103.7

76 40.8 33.5 50.3

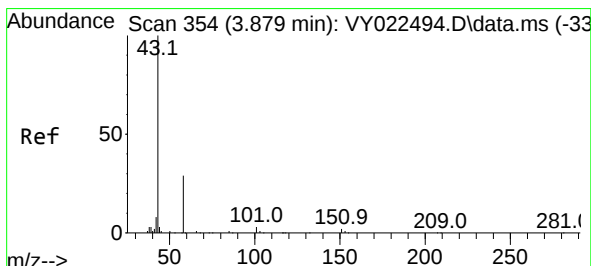
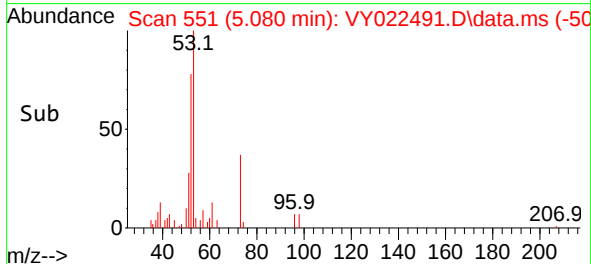
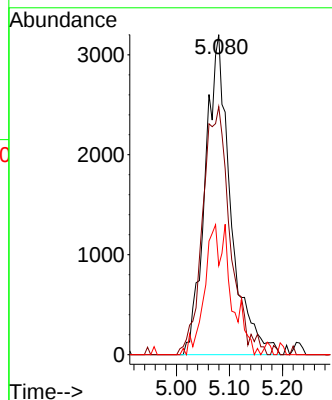
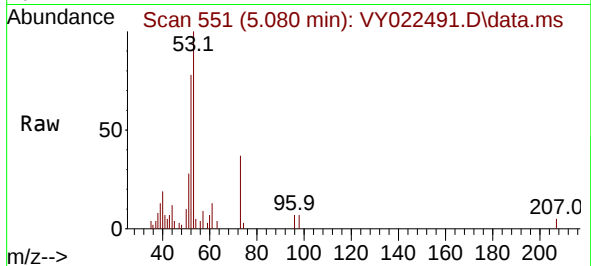




#15
Acrylonitrile
Concen: 22.026 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

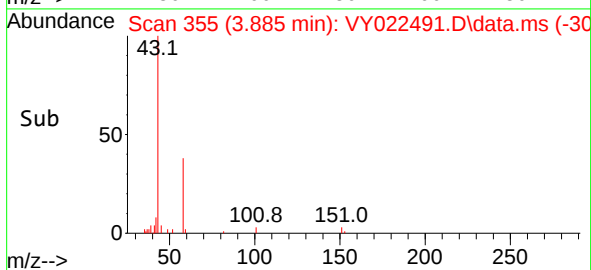
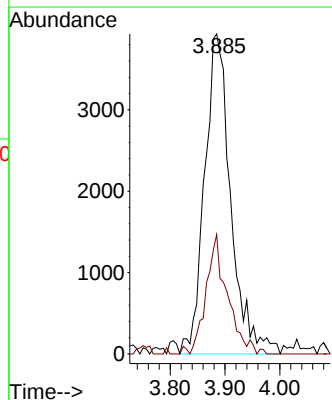
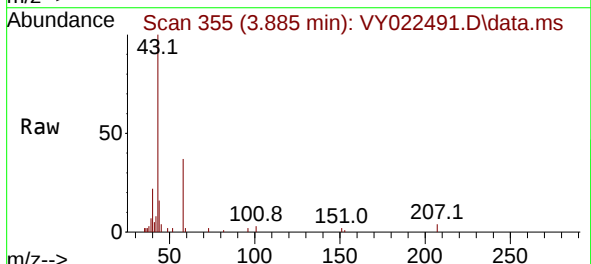
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

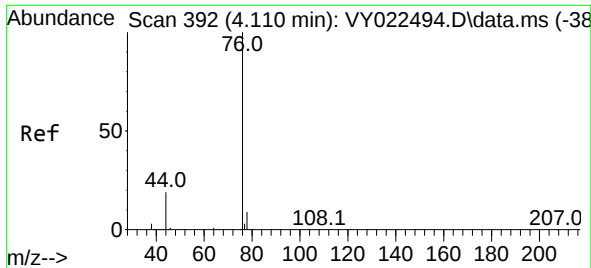
Tgt Ion: 53 Resp: 10667
Ion Ratio Lower Upper
53 100
52 83.8 65.7 98.5
51 41.4 30.1 45.1



#16
Acetone
Concen: 30.108 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 13023
Ion Ratio Lower Upper
43 100
58 37.3 24.0 36.0#

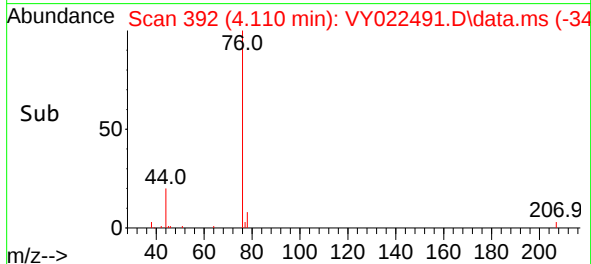
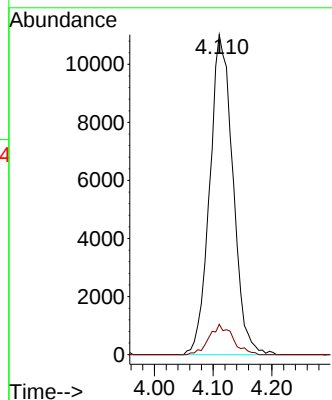
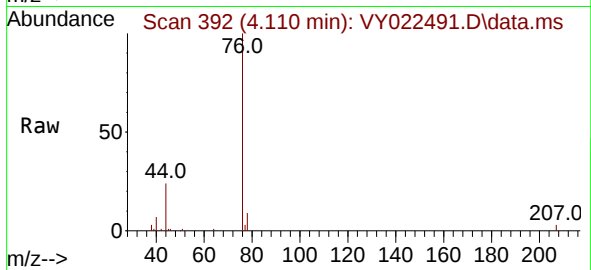




#17
Carbon Disulfide
Concen: 4.586 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

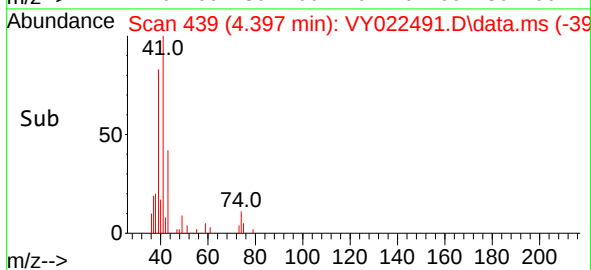
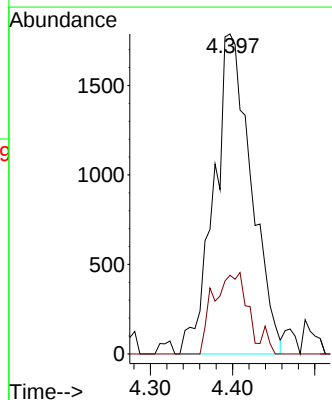
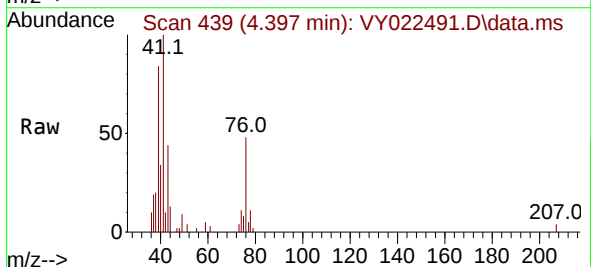
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

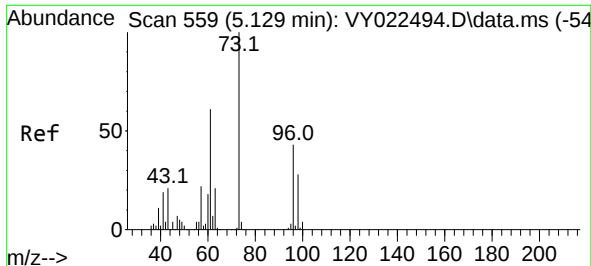
Tgt Ion: 76 Resp: 30222
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 4.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 5630
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.6

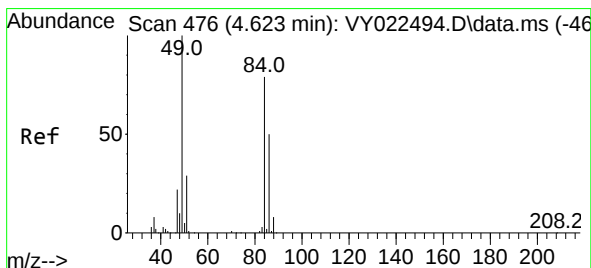
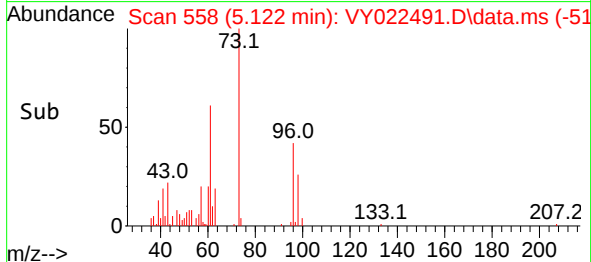
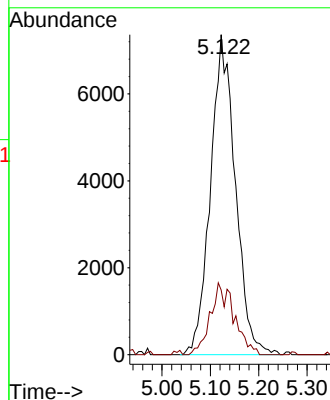
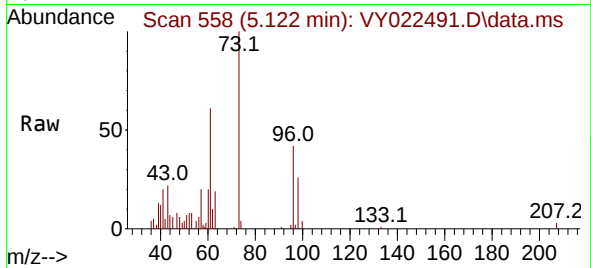




#19
Methyl tert-butyl Ether
Concen: 4.562 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

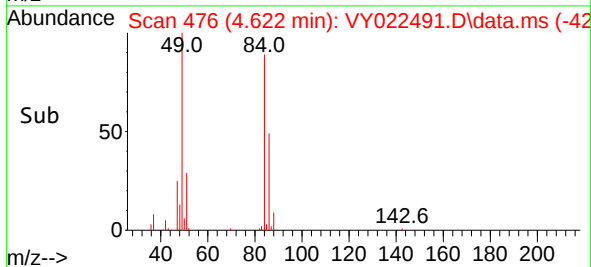
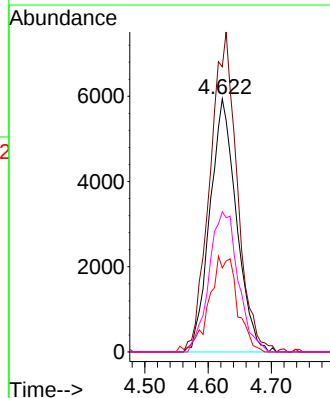
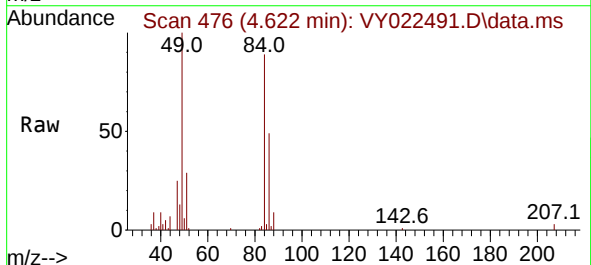
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

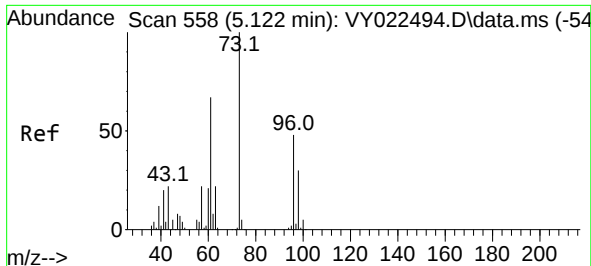
Tgt Ion: 73 Resp: 26276
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0



#20
Methylene Chloride
Concen: 7.168 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

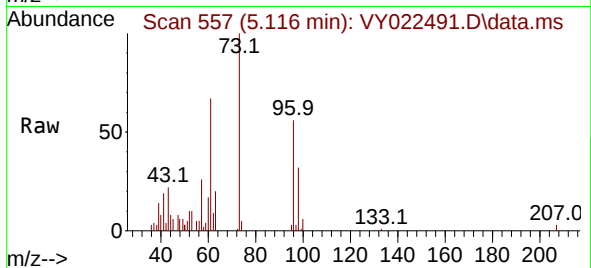
Tgt Ion: 84 Resp: 17312
Ion Ratio Lower Upper
84 100
49 112.6 101.9 152.9
51 33.2 29.8 44.8
86 55.4 51.3 76.9



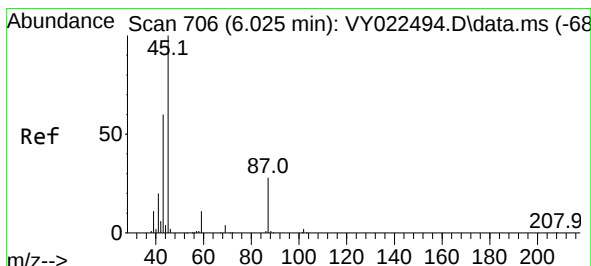
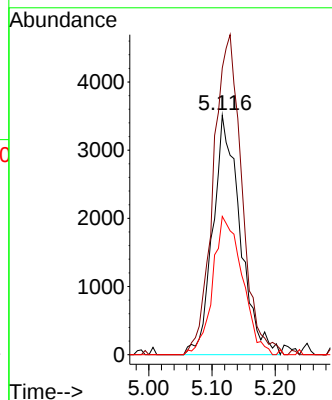
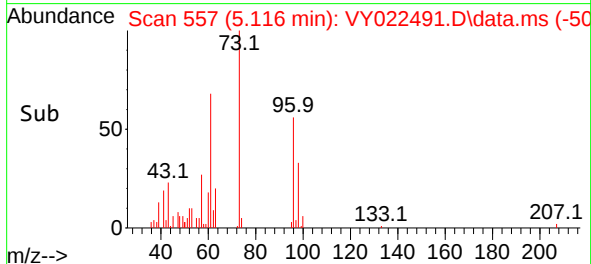


#21
trans-1,2-Dichloroethene
Concen: 4.549 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

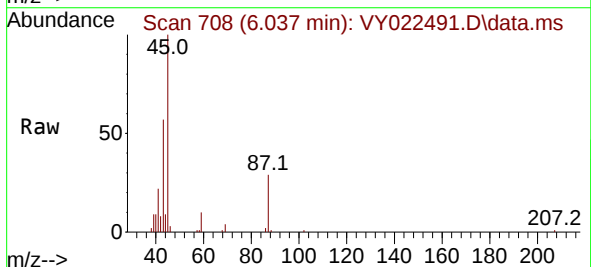
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



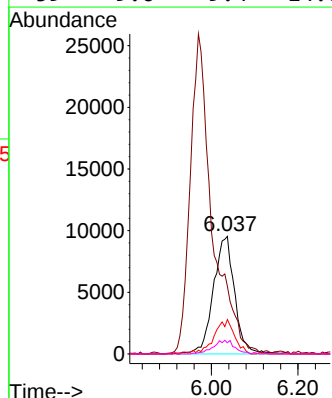
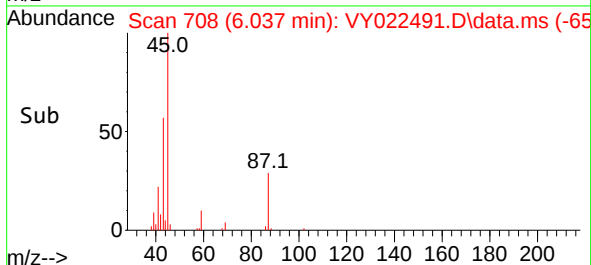
Tgt Ion: 96 Resp: 10489
Ion Ratio Lower Upper
96 100
61 119.8 112.6 169.0
98 57.7 50.6 75.8

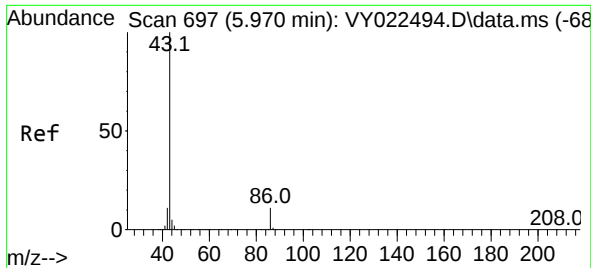


#22
Diisopropyl ether
Concen: 4.544 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46



Tgt Ion: 45 Resp: 32497
Ion Ratio Lower Upper
45 100
43 55.1 48.3 72.5
87 29.3 23.0 34.6
59 9.6 9.4 14.0

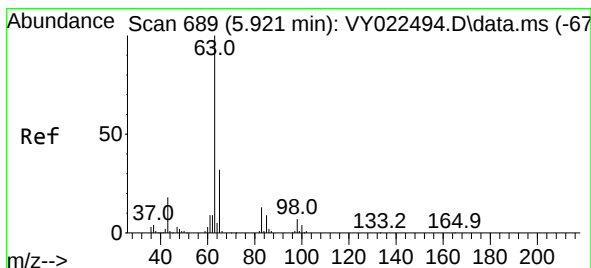
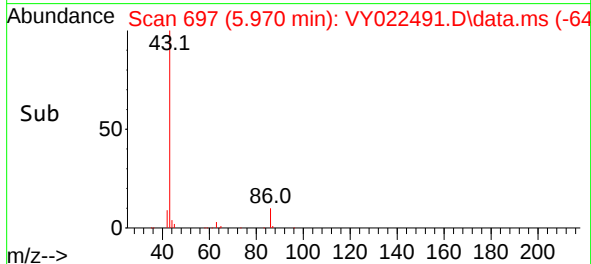
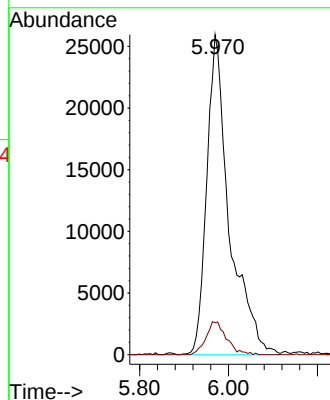
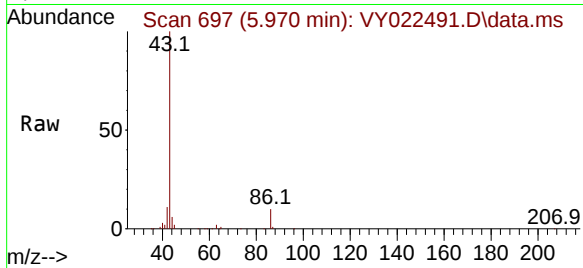




#23
 Vinyl Acetate
 Concen: 21.559 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY022491.D
 Acq: 02 Jun 2025 11:46

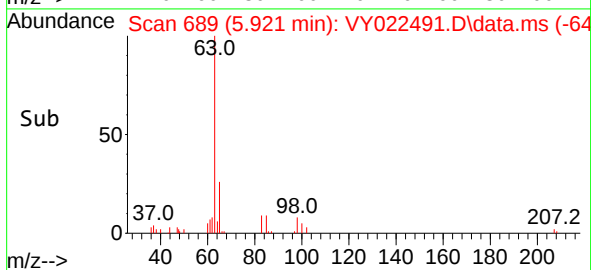
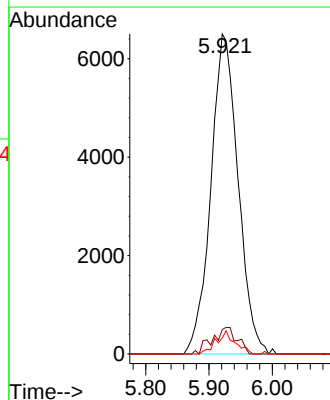
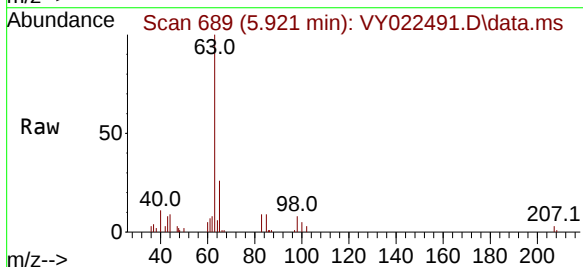
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 91478
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 4.603 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022491.D
 Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 19460
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.1
 100 5.0 2.1 6.3





#25

2-Butanone

Concen: 22.605 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

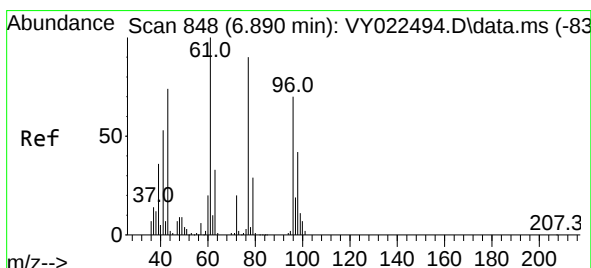
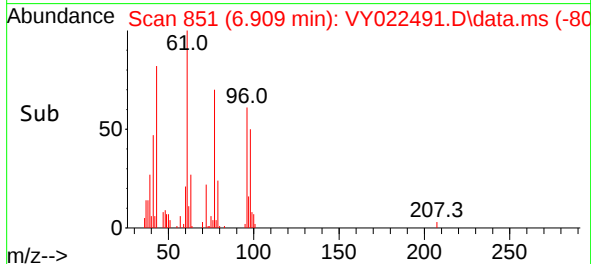
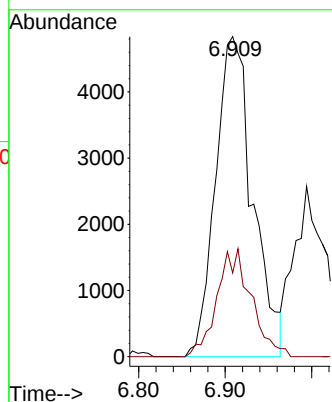
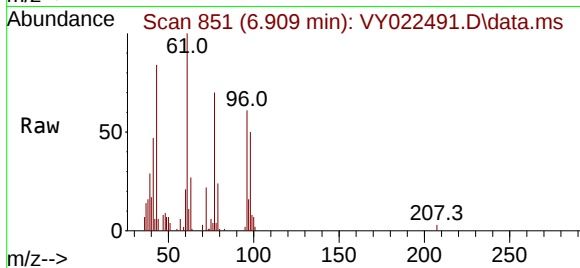
VSTDICC005

Tgt Ion: 43 Resp: 14423

Ion Ratio Lower Upper

43 100

72 26.2 22.9 34.3



#26

2,2-Dichloropropane

Concen: 4.471 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022491.D

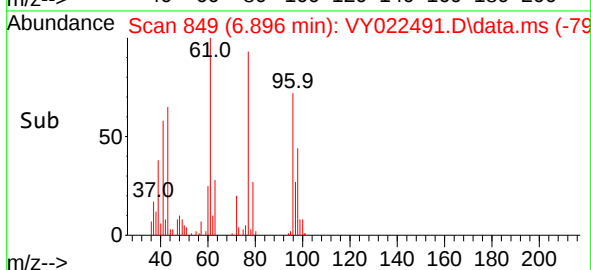
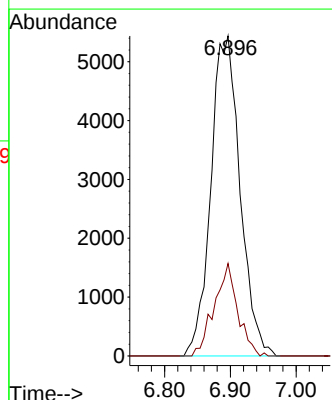
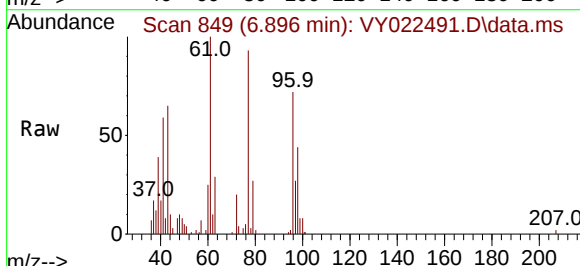
Acq: 02 Jun 2025 11:46

Tgt Ion: 77 Resp: 16805

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2

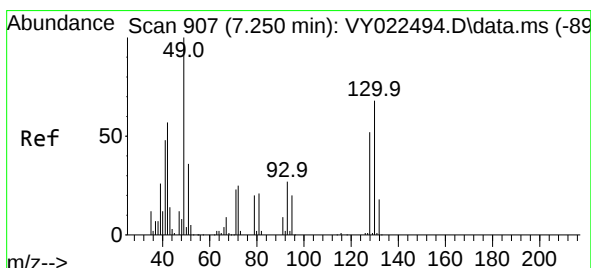
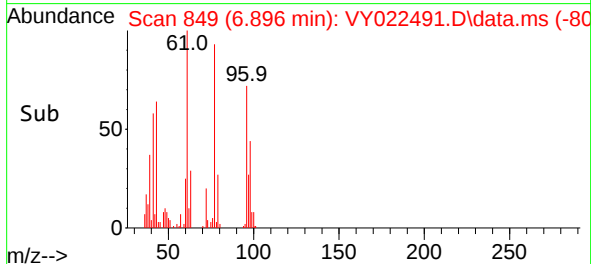
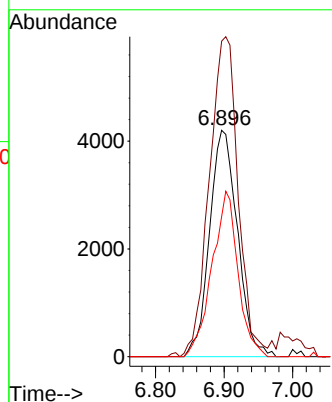
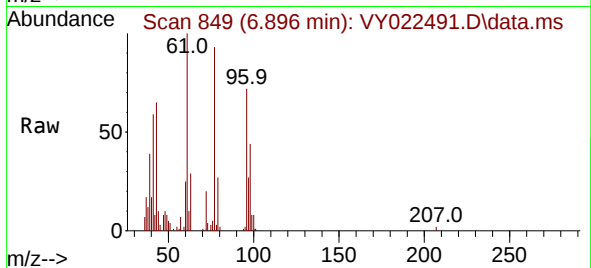




#27
cis-1,2-Dichloroethene
Concen: 4.467 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

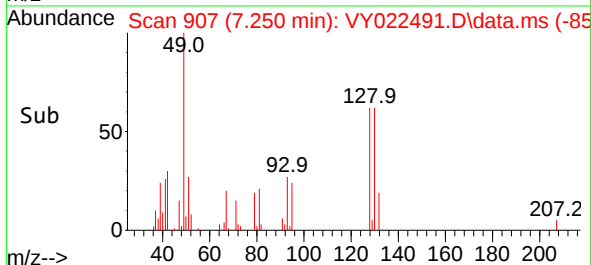
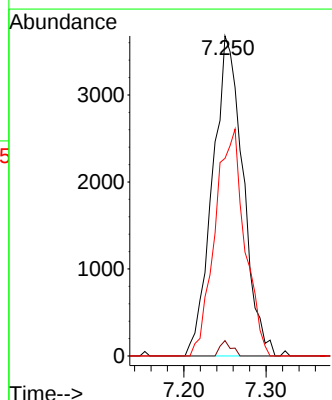
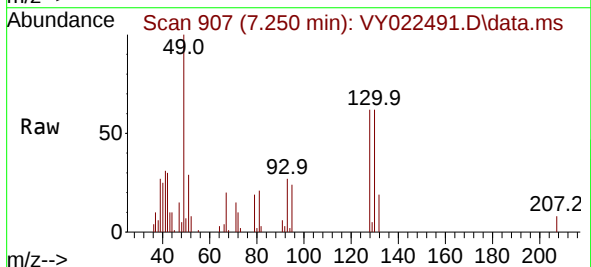
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

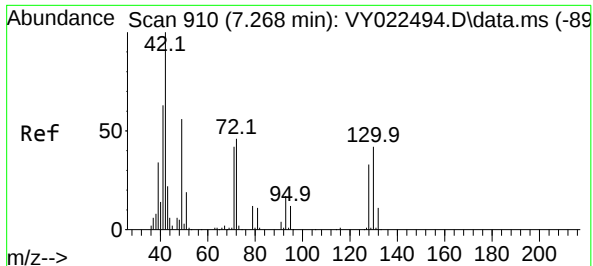
Tgt Ion: 96 Resp: 11906
Ion Ratio Lower Upper
96 100
61 146.0 0.0 290.0
98 67.8 0.0 128.4



#28
Bromochloromethane
Concen: 5.175 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 49 Resp: 9453
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 69.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 22.781 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

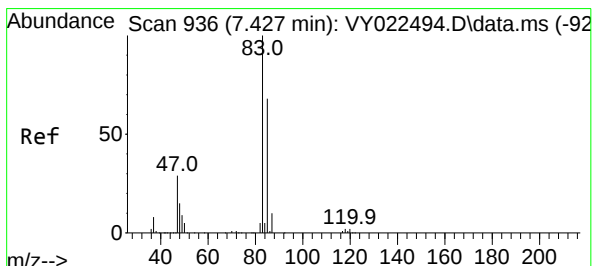
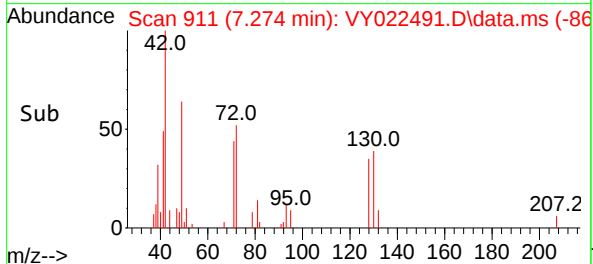
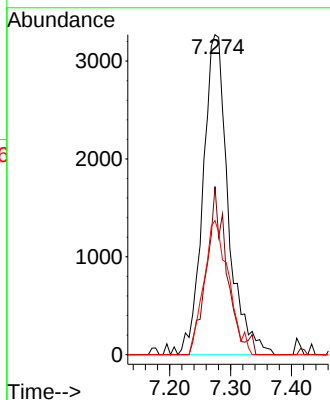
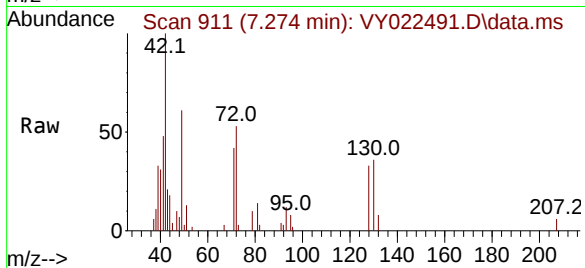
Tgt Ion: 42 Resp: 9377

Ion Ratio Lower Upper

42 100

72 41.4 37.4 56.2

71 41.5 34.2 51.2



#30

Chloroform

Concen: 4.620 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022491.D

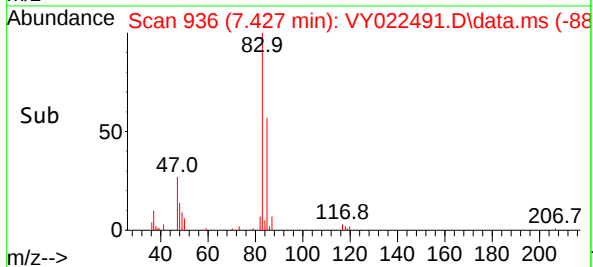
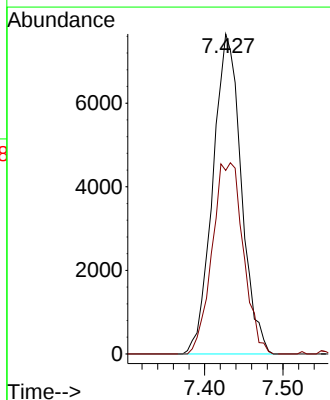
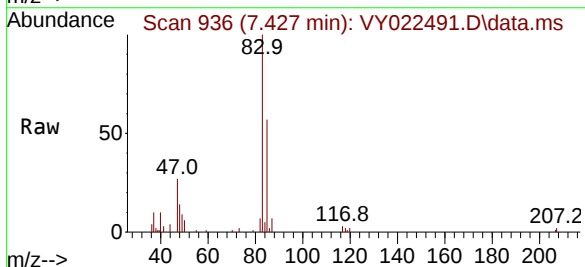
Acq: 02 Jun 2025 11:46

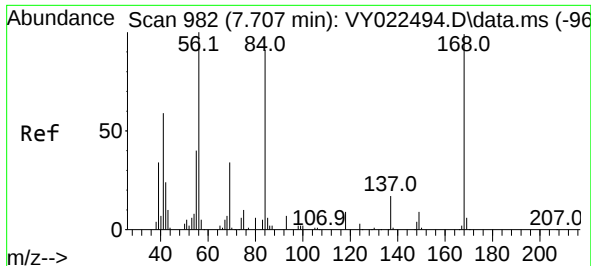
Tgt Ion: 83 Resp: 19302

Ion Ratio Lower Upper

83 100

85 57.4 54.2 81.4

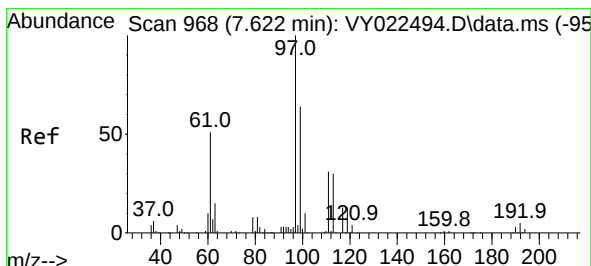
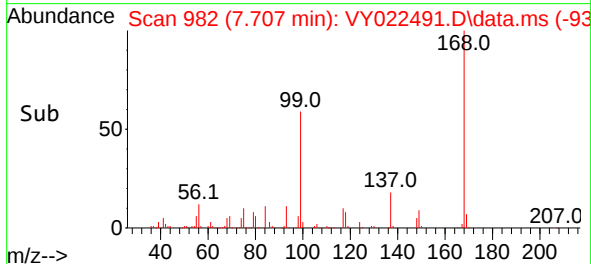
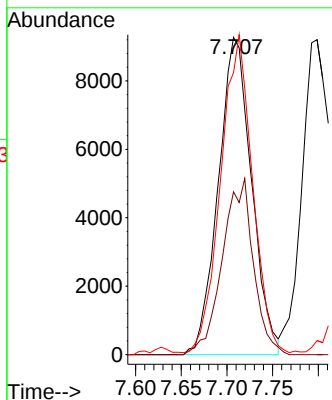
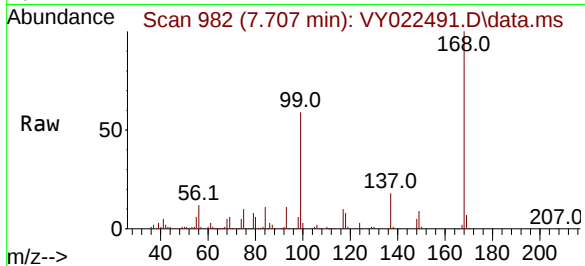




#31
Cyclohexane
Concen: 5.519 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

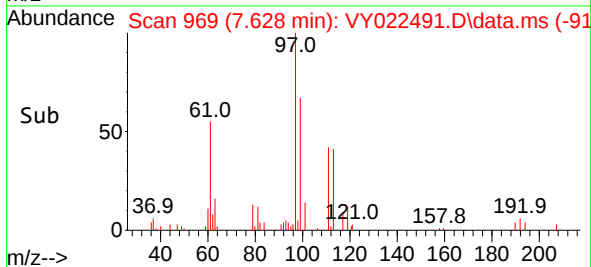
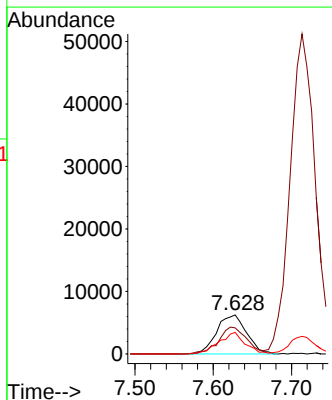
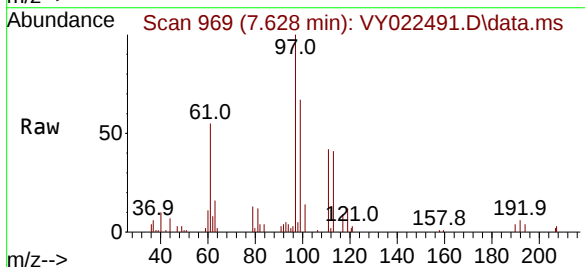
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

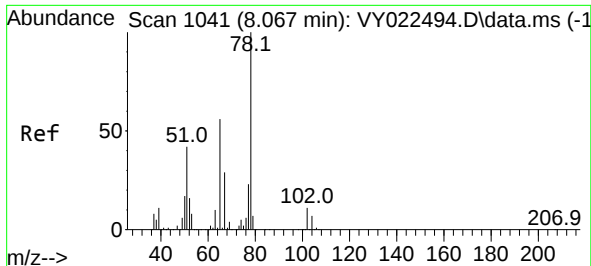
Tgt Ion: 56 Resp: 23482
Ion Ratio Lower Upper
56 100
69 51.3 27.0 40.6#
84 88.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 4.413 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 16476
Ion Ratio Lower Upper
97 100
99 65.1 50.9 76.3
61 48.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 4.802 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

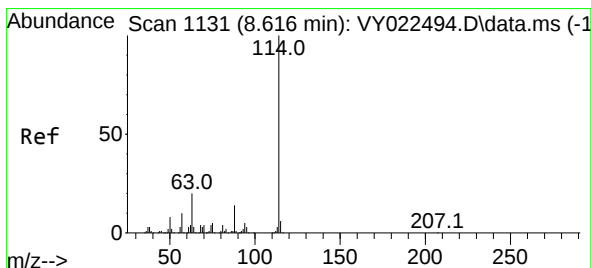
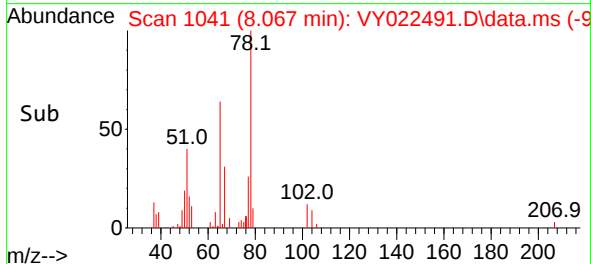
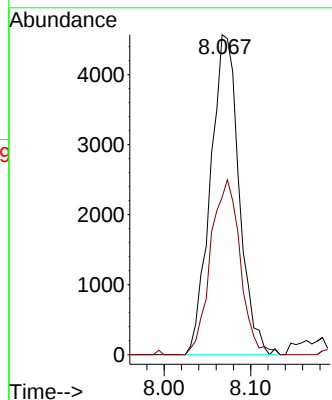
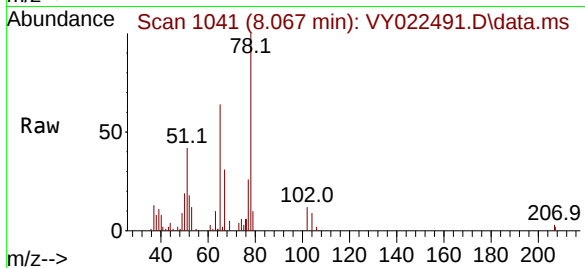
VSTDIC005

Tgt Ion: 65 Resp: 10508

Ion Ratio Lower Upper

65 100

67 56.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

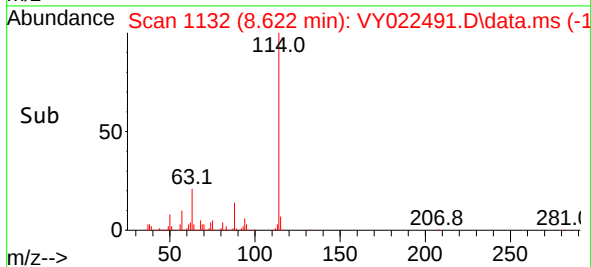
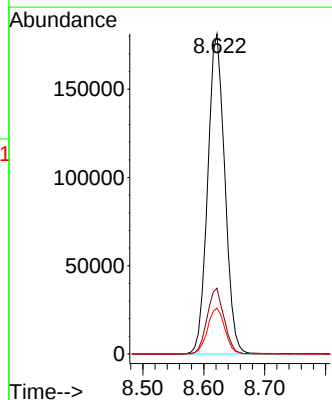
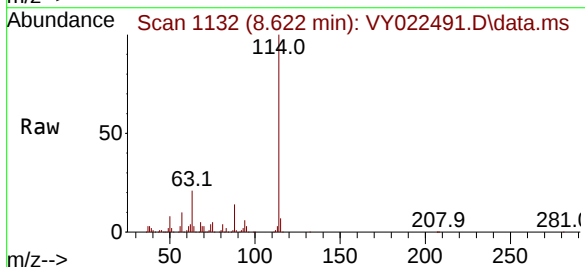
Tgt Ion:114 Resp: 353755

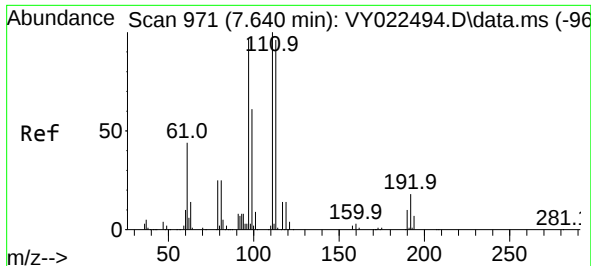
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 14.3 0.0 27.8

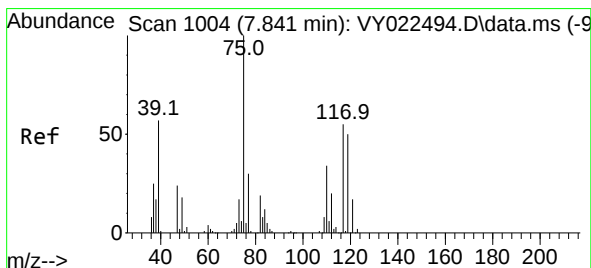
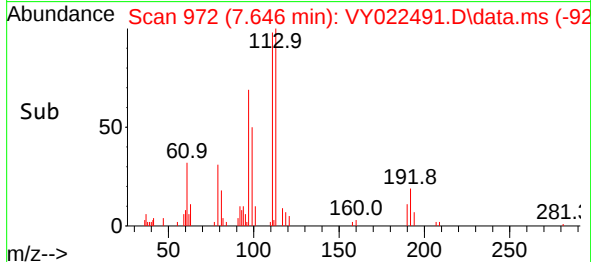
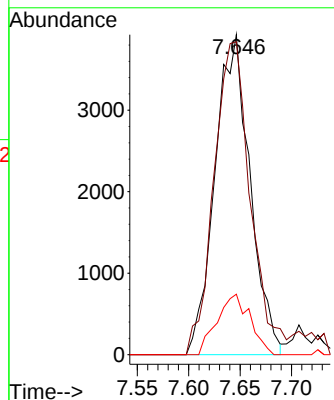
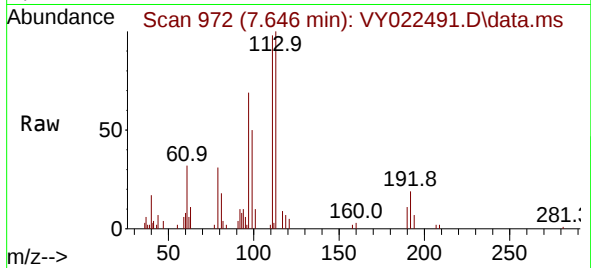




#35
Dibromofluoromethane
Concen: 4.477 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

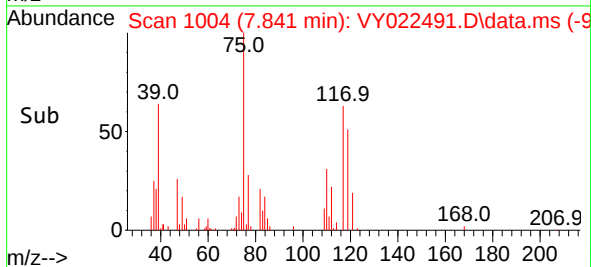
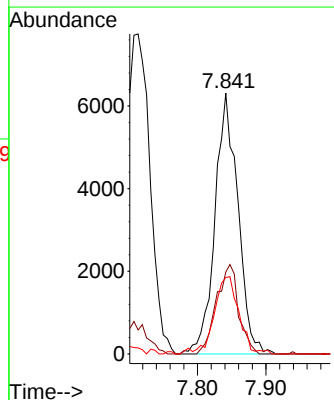
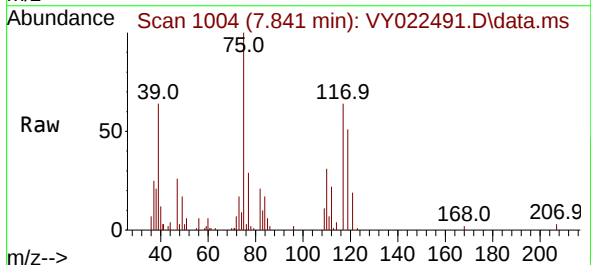
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

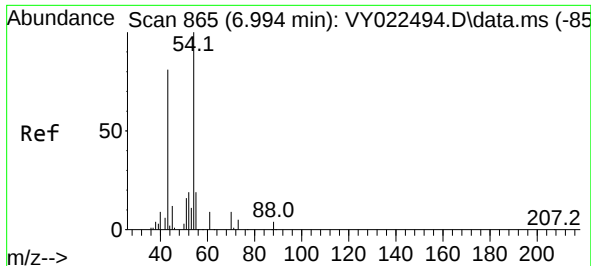
Tgt Ion:113 Resp: 9323
Ion Ratio Lower Upper
113 100
111 101.4 81.1 121.7
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14700
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.7
77 32.0 24.8 37.2

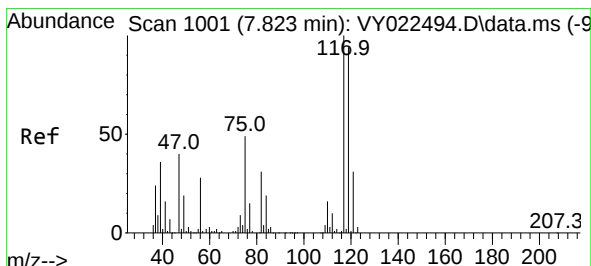
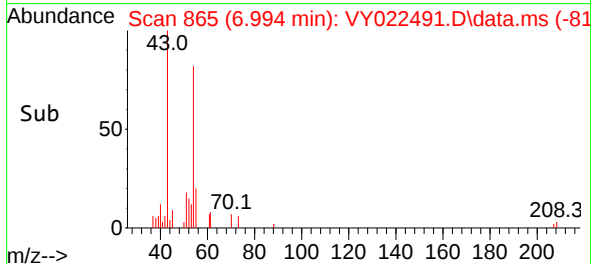
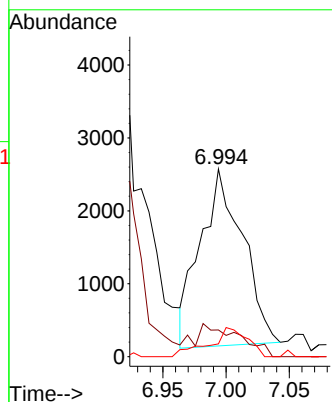
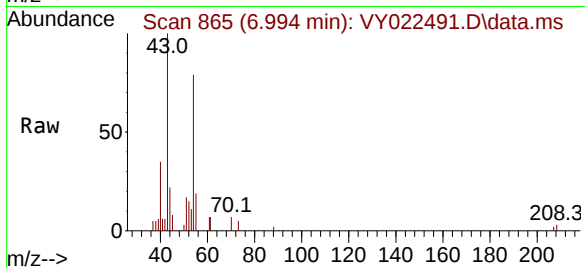




#37
Ethyl Acetate
Concen: 3.822 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

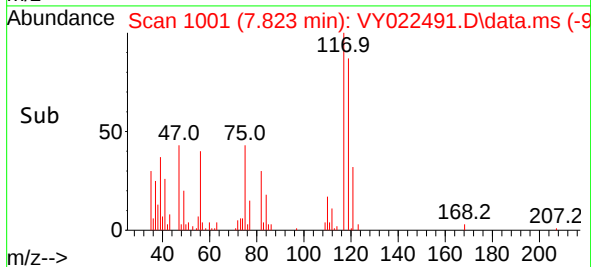
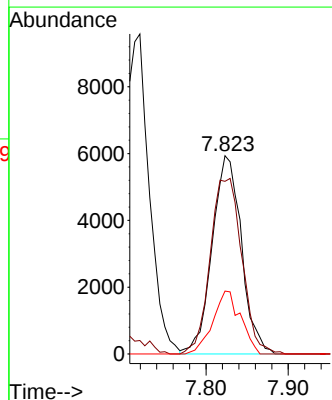
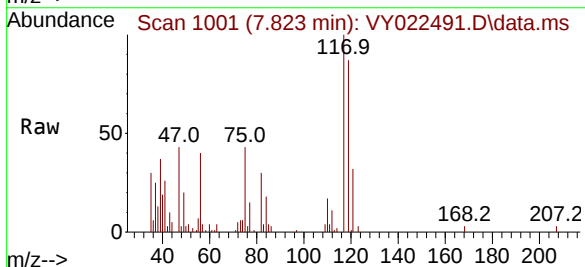
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

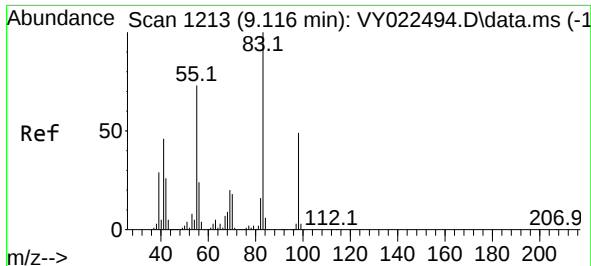
Tgt Ion: 43 Resp: 5662
Ion Ratio Lower Upper
43 100
61 19.6 11.5 17.3#
70 14.5 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.233 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 117 Resp: 14691
Ion Ratio Lower Upper
117 100
119 87.1 75.0 112.6
121 31.7 25.0 37.4

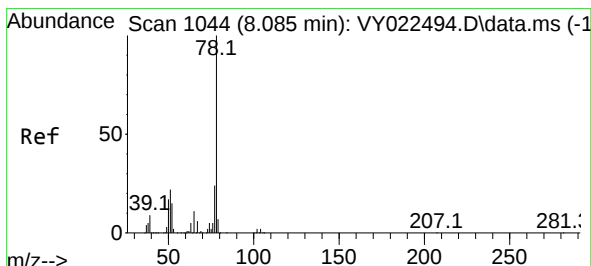
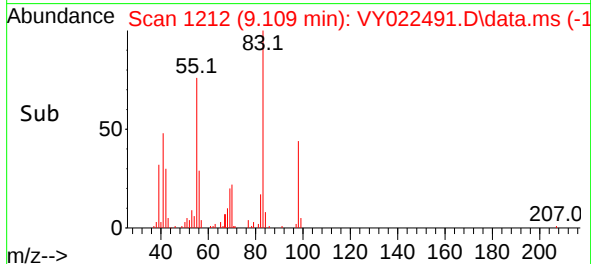
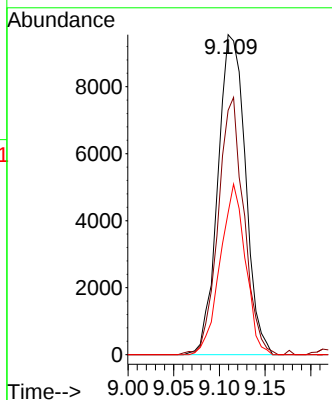
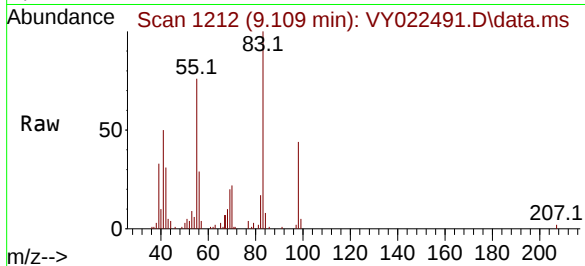




#39
Methylcyclohexane
Concen: 4.415 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

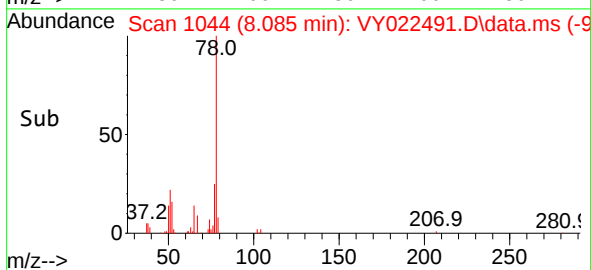
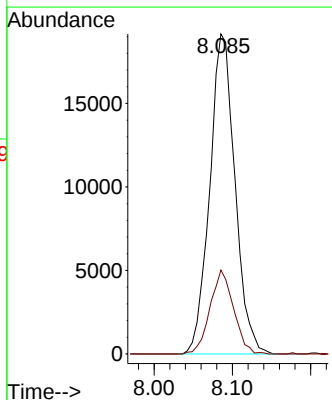
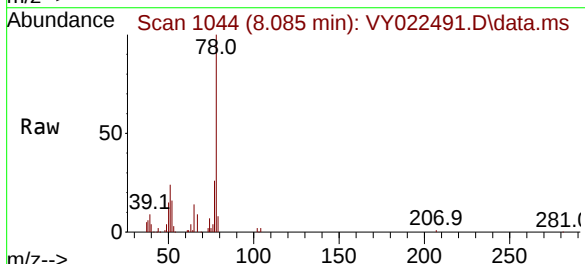
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

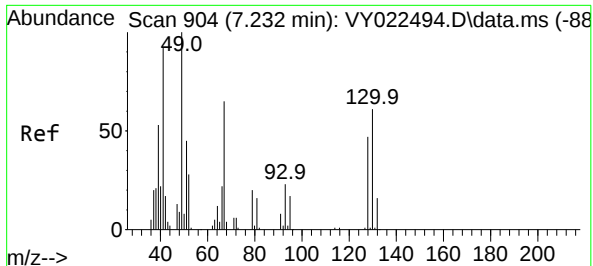
Tgt Ion: 83 Resp: 20076
Ion Ratio Lower Upper
83 100
55 76.4 58.1 87.1
98 44.4 39.0 58.6



#40
Benzene
Concen: 4.326 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 78 Resp: 42926
Ion Ratio Lower Upper
78 100
77 26.2 19.3 28.9

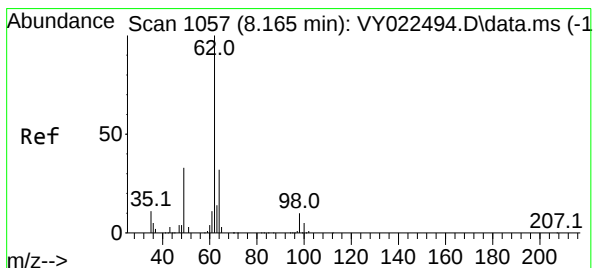
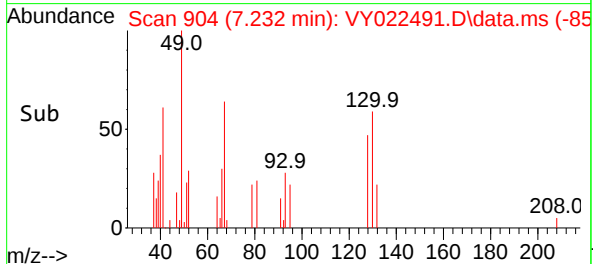
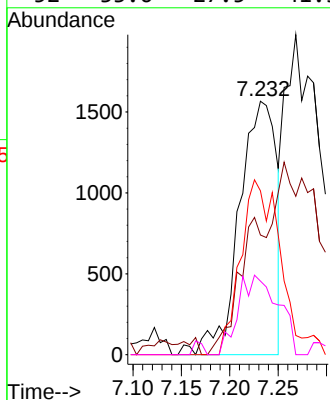
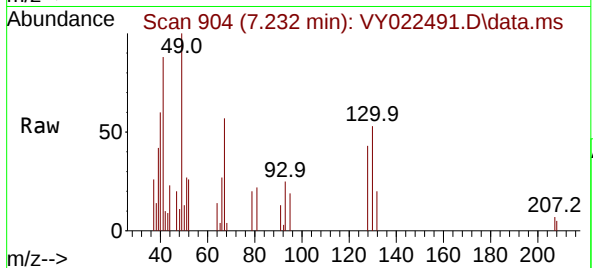




#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

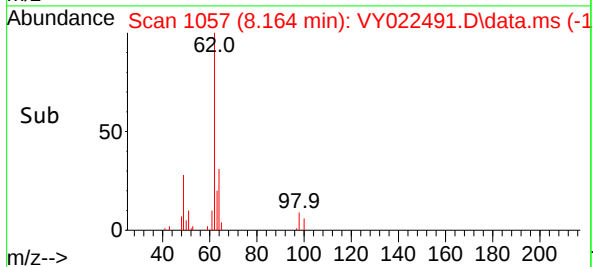
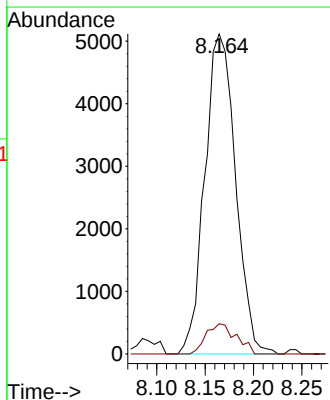
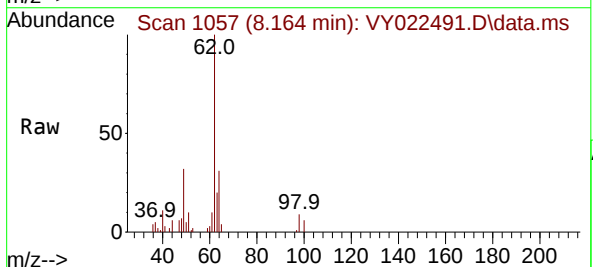
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

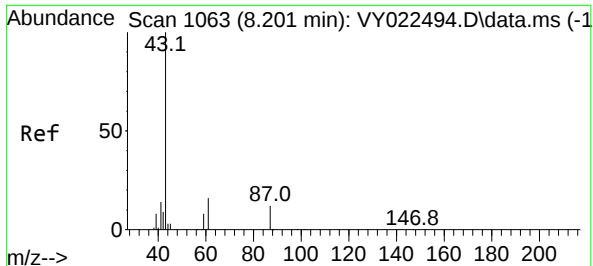
Tgt Ion:	41	Resp:	4192
Ion	Ratio	Lower	Upper
41	100		
39	40.1	46.6	69.8#
67	74.0	63.3	94.9
52	33.6	27.5	41.3



#42
1,2-Dichloroethane
Concen: 4.198 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:	62	Resp:	11332
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

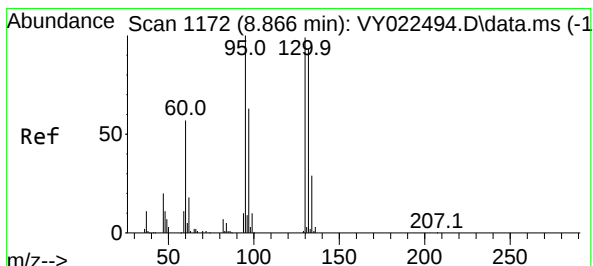
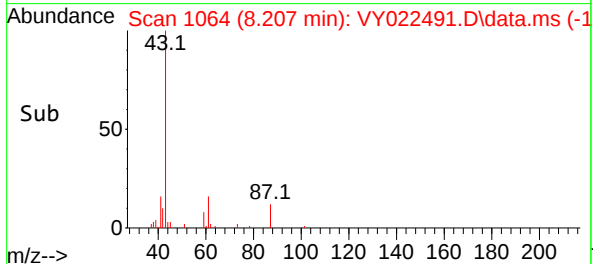
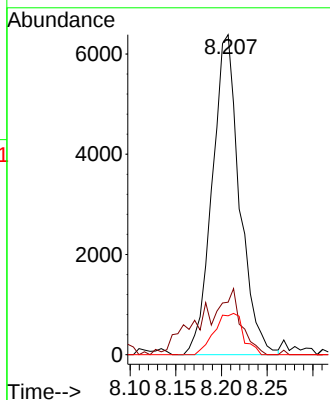
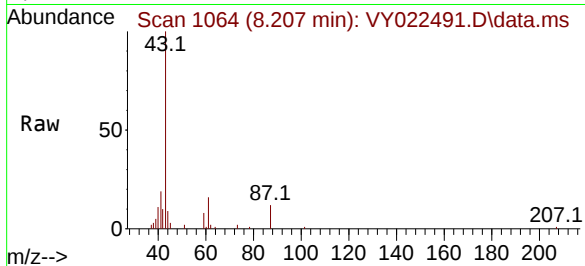




#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

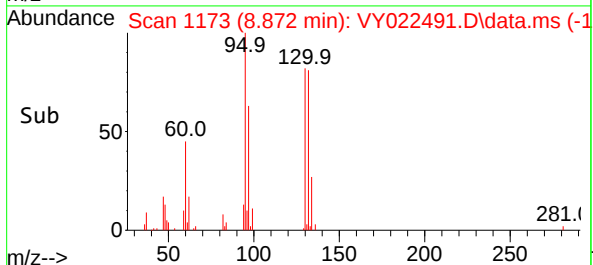
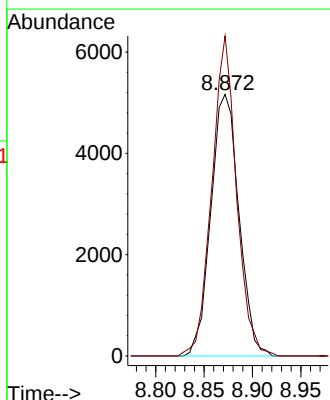
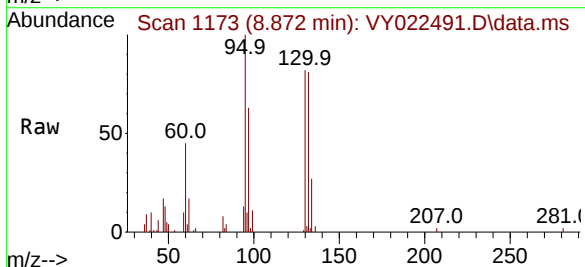
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

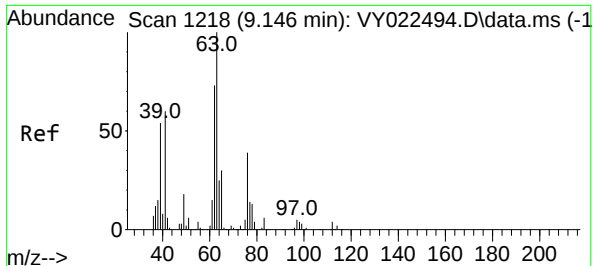
Tgt Ion: 43 Resp: 13330
Ion Ratio Lower Upper
43 100
61 16.2 15.6 23.4
87 13.6 10.2 15.4



#44
Trichloroethene
Concen: 4.292 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:130 Resp: 10404
Ion Ratio Lower Upper
130 100
95 122.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 4.091 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

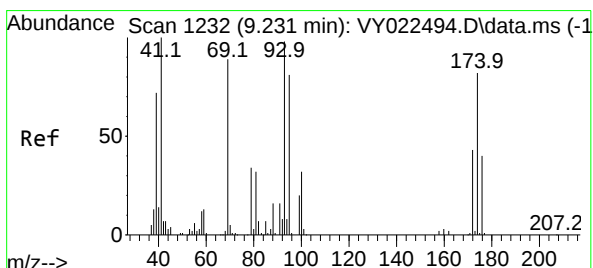
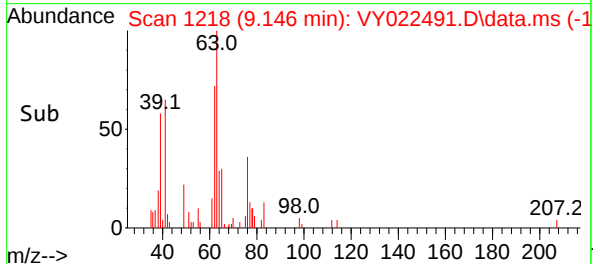
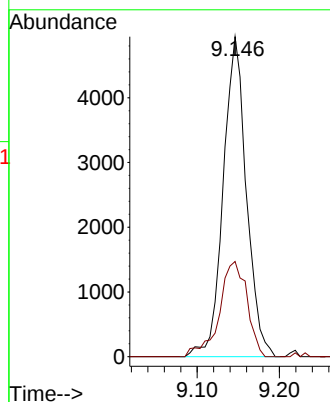
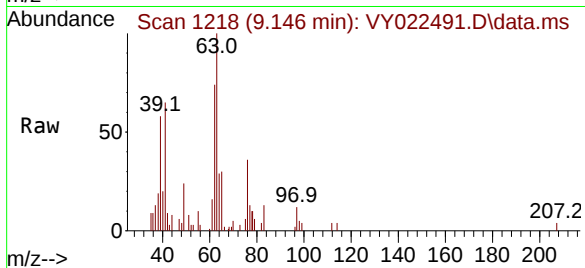
VSTDICC005

Tgt Ion: 63 Resp: 9678

Ion Ratio Lower Upper

63 100

65 29.7 24.0 36.0



#46

Dibromomethane

Concen: 4.223 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

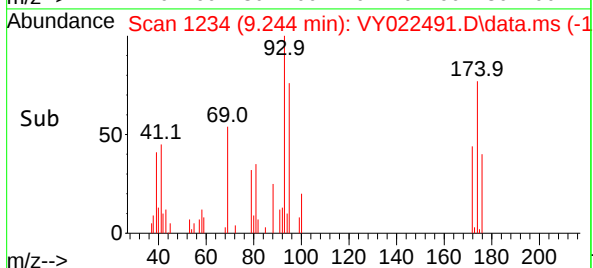
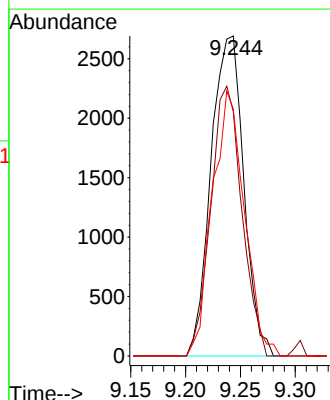
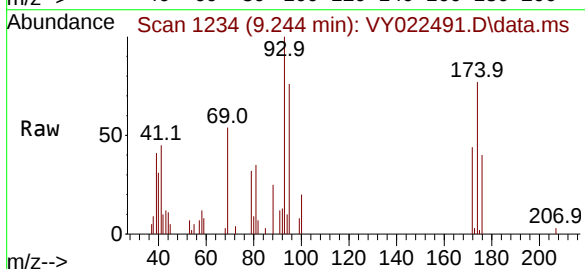
Tgt Ion: 93 Resp: 5596

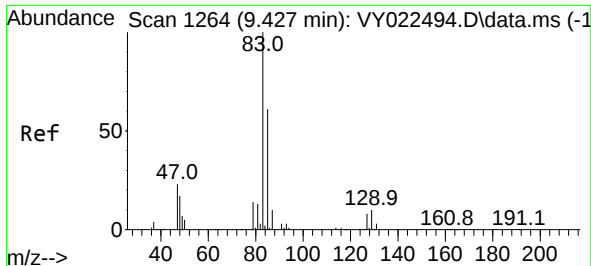
Ion Ratio Lower Upper

93 100

95 79.9 65.6 98.4

174 81.3 70.4 105.6

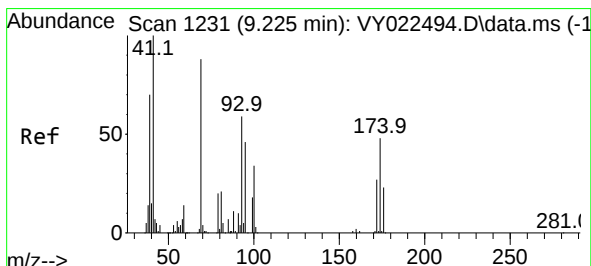
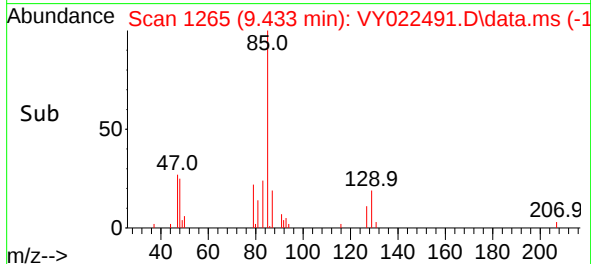
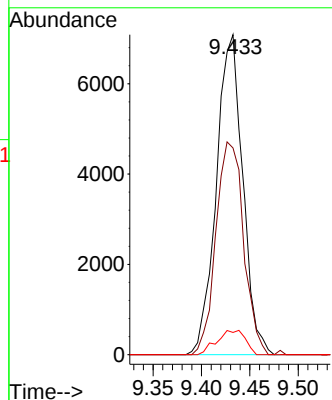
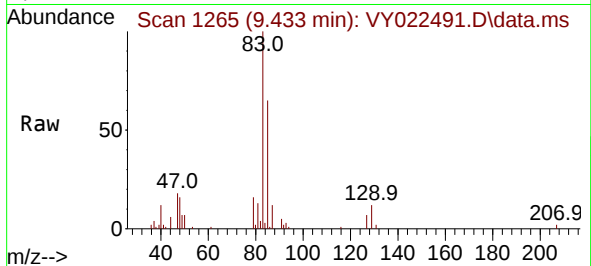




#47
Bromodichloromethane
Concen: 3.999 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

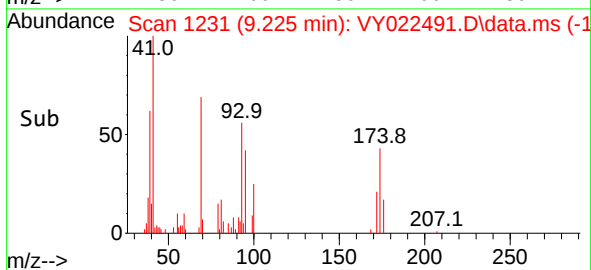
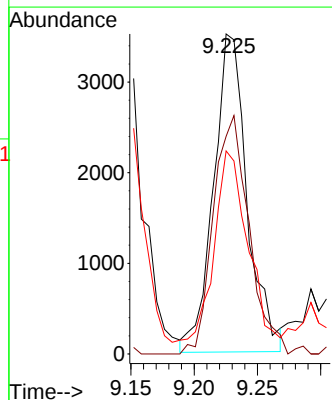
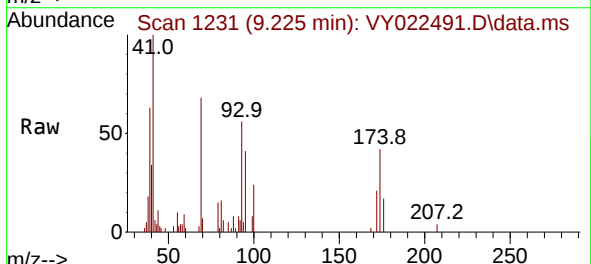
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

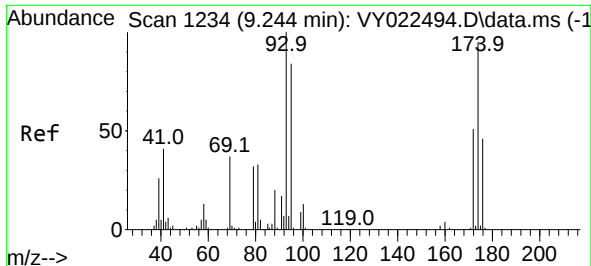
Tgt Ion: 83 Resp: 13448
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7
127 7.0 6.2 9.4



#48
Methyl methacrylate
Concen: 4.374 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 6483
Ion Ratio Lower Upper
41 100
69 80.0 67.8 101.8
39 57.3 55.0 82.4





#49

1,4-Dioxane

Concen: 36.306 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

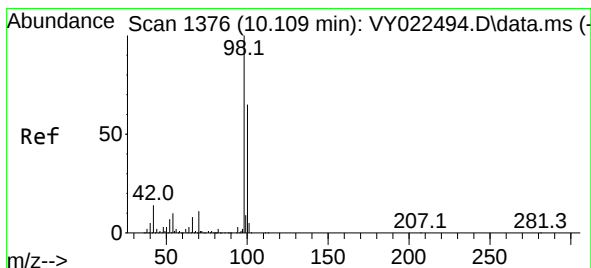
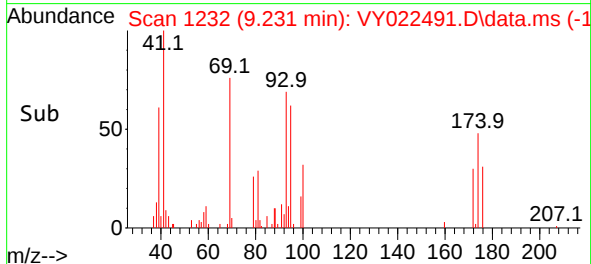
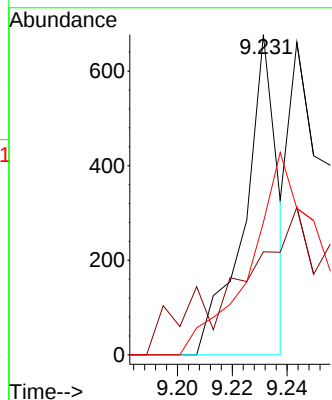
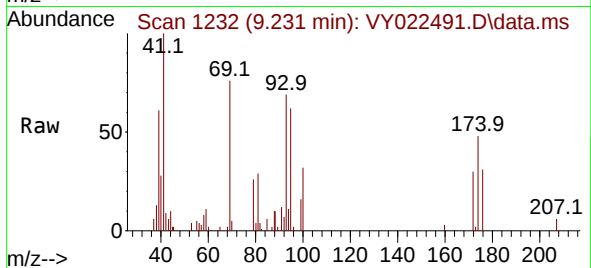
Tgt Ion: 88 Resp: 574

Ion Ratio Lower Upper

88 100

43 125.4 25.4 38.2#

58 154.7 54.9 82.3#



#50

Toluene-d8

Concen: 4.482 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022491.D

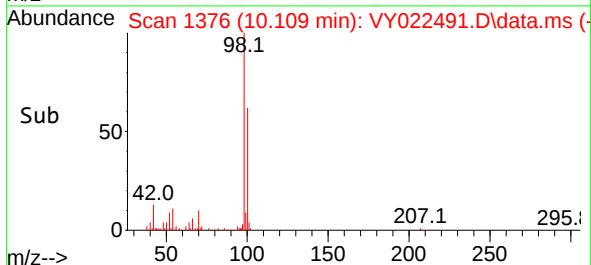
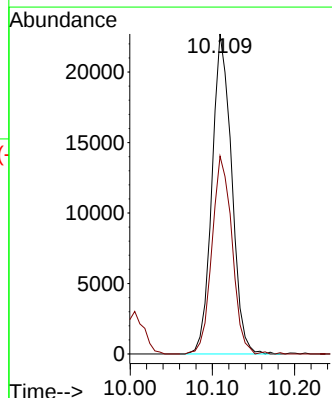
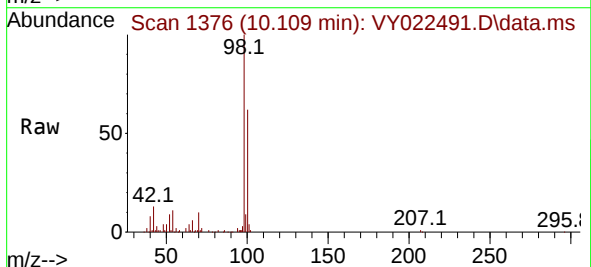
Acq: 02 Jun 2025 11:46

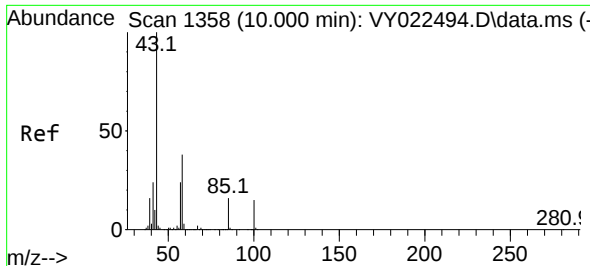
Tgt Ion: 98 Resp: 37729

Ion Ratio Lower Upper

98 100

100 63.0 51.4 77.0

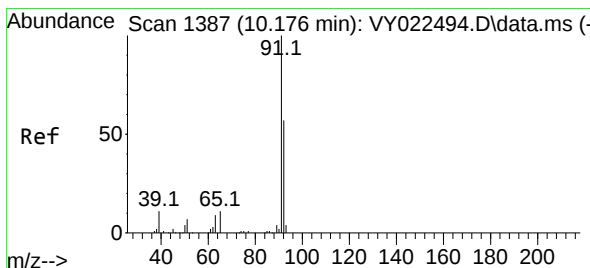
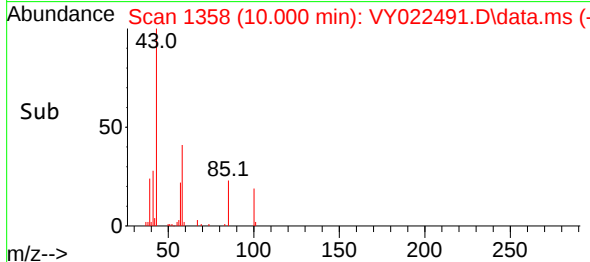
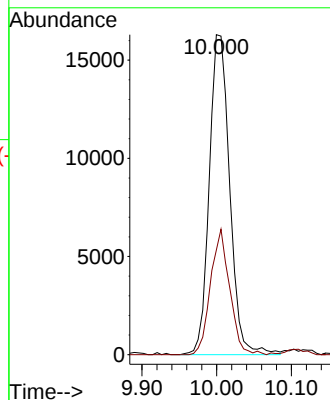
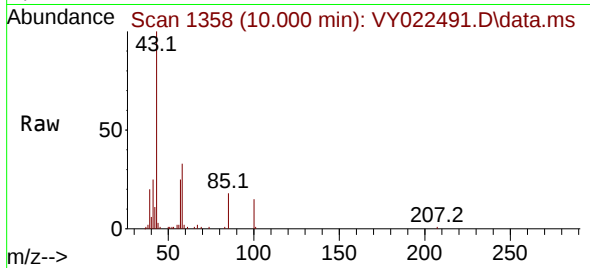




#51
4-Methyl-2-Pentanone
Concen: 19.273 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

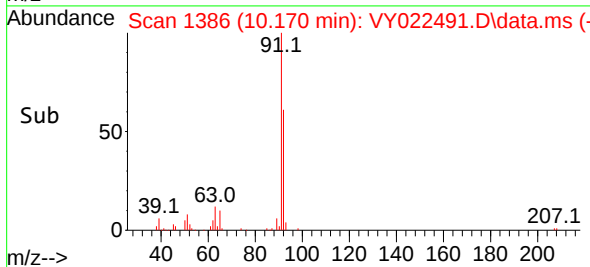
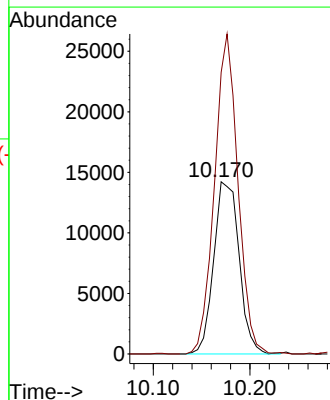
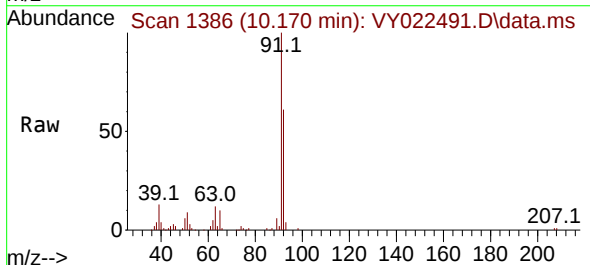
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

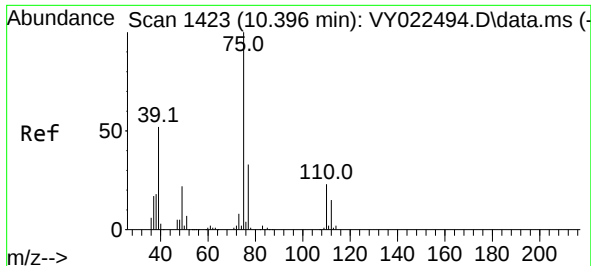
Tgt Ion: 43 Resp: 30969
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6



#52
Toluene
Concen: 4.150 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 92 Resp: 25893
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.4

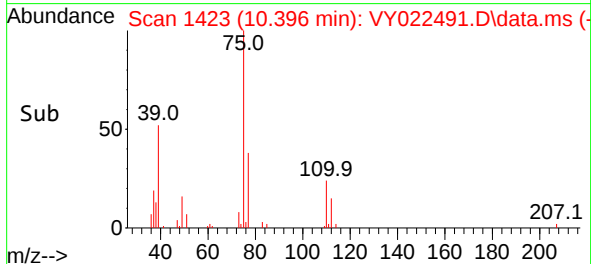
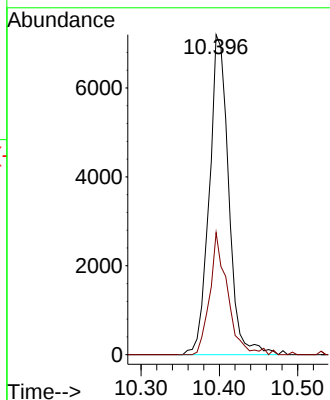
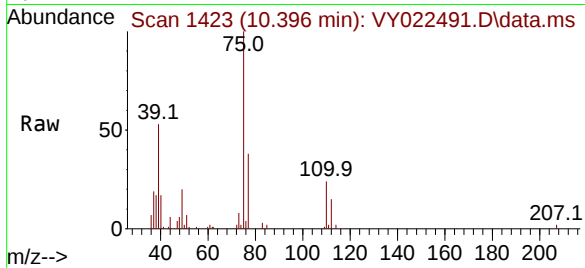




#53
t-1,3-Dichloropropene
Concen: 3.982 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

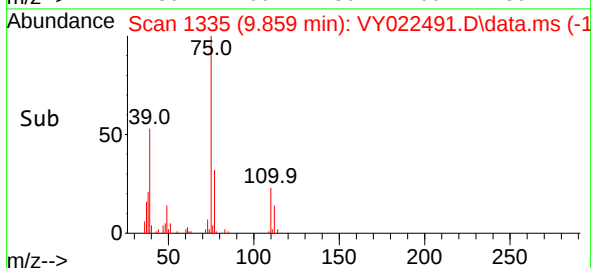
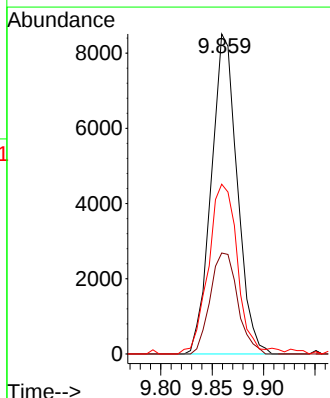
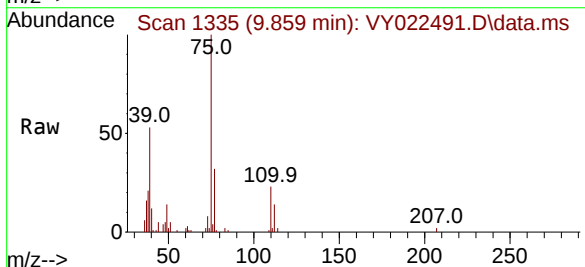
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

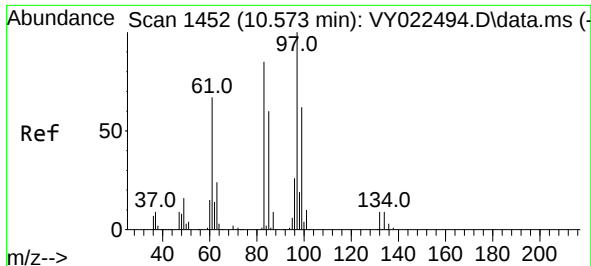
Tgt Ion: 75 Resp: 12388
Ion Ratio Lower Upper
75 100
77 38.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 4.103 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14966
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 53.0 42.7 64.1

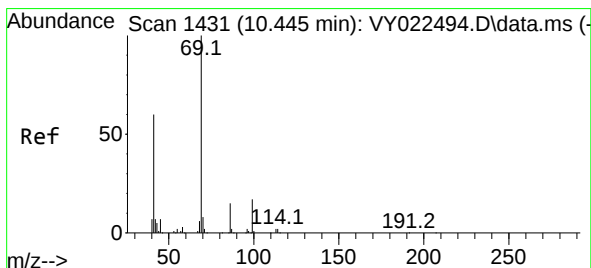
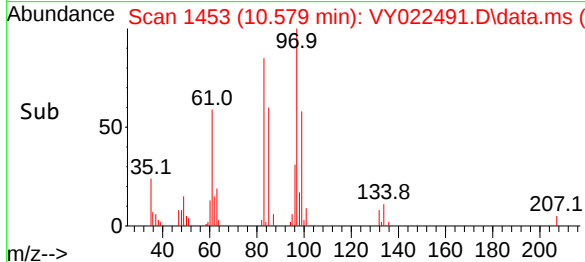
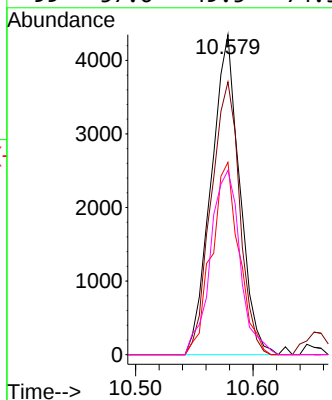
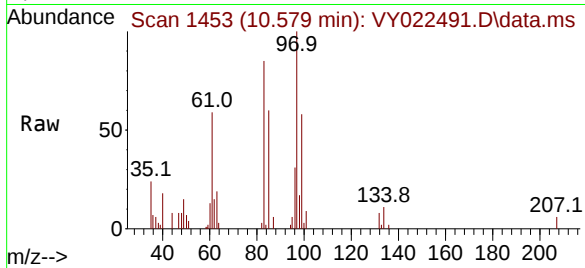




#55
1,1,2-Trichloroethane
Concen: 4.385 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

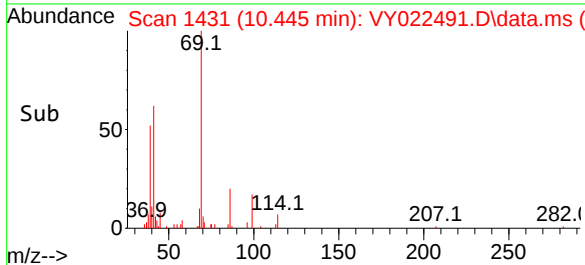
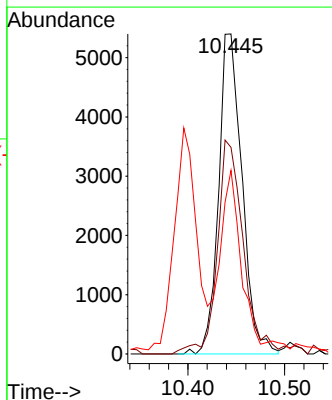
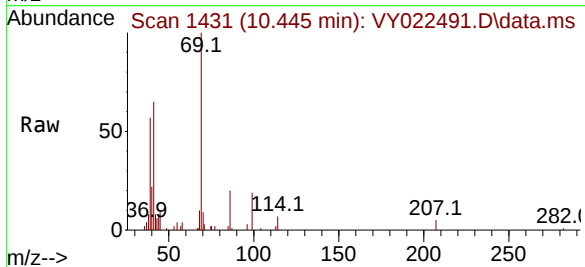
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

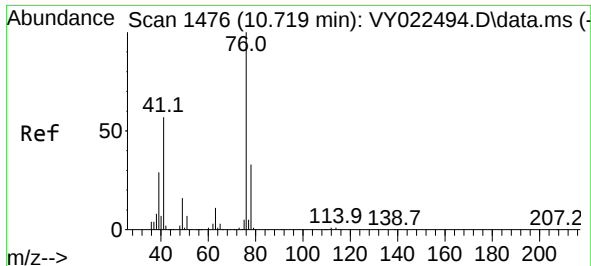
Tgt Ion: 97	Resp: 7318
Ion Ratio	Lower Upper
97 100	
83 85.3	68.1 102.1
85 60.1	48.2 72.2
99 57.6	49.5 74.3



#56
Ethyl methacrylate
Concen: 3.751 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 69	Resp: 9092
Ion Ratio	Lower Upper
69 100	
41 73.4	52.2 78.2
39 46.3	36.7 55.1





#57

1,3-Dichloropropane

Concen: 4.255 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

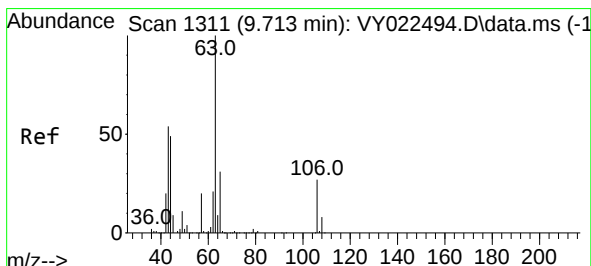
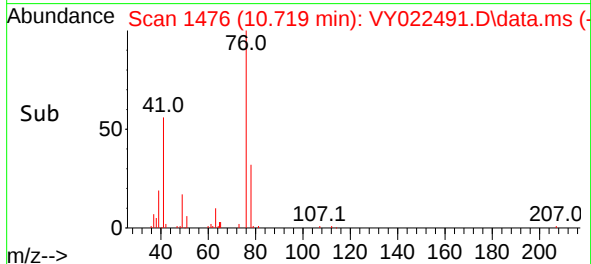
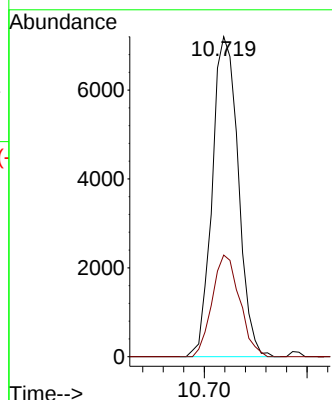
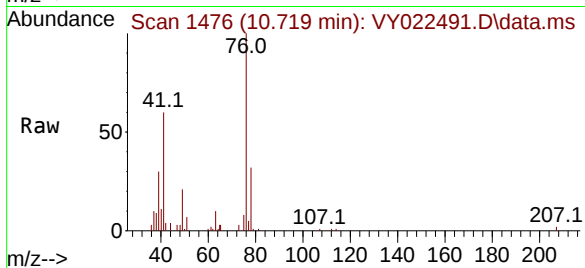
VSTDICC005

Tgt Ion: 76 Resp: 12648

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 22.409 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY022491.D

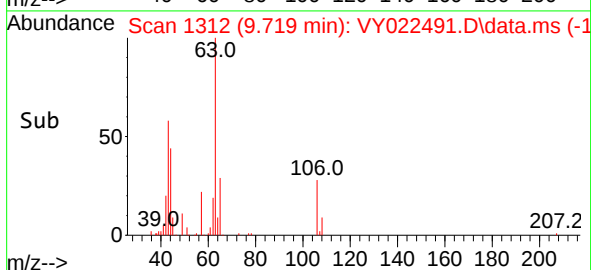
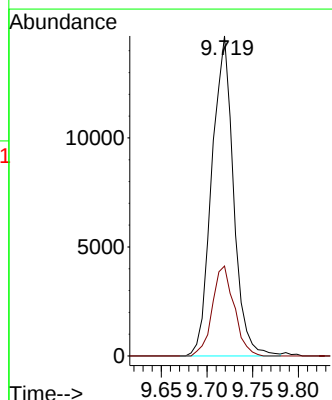
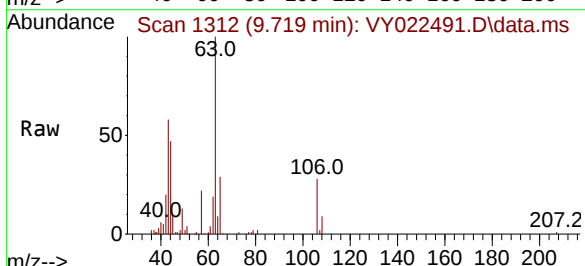
Acq: 02 Jun 2025 11:46

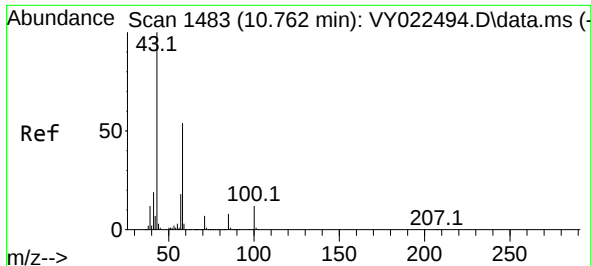
Tgt Ion: 63 Resp: 24214

Ion Ratio Lower Upper

63 100

106 28.3 21.6 32.4

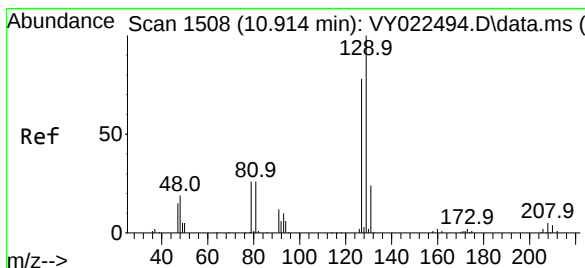
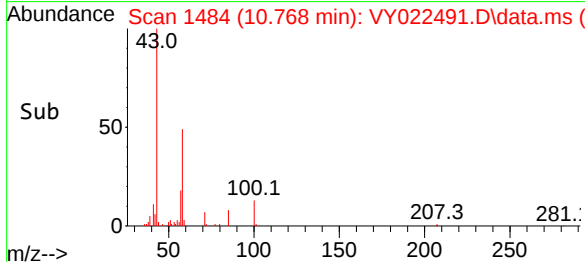
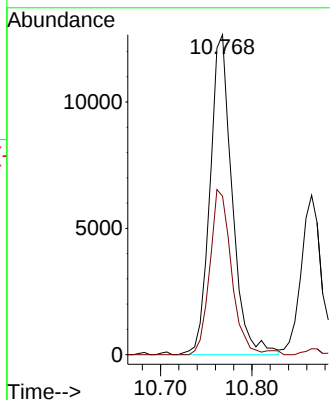
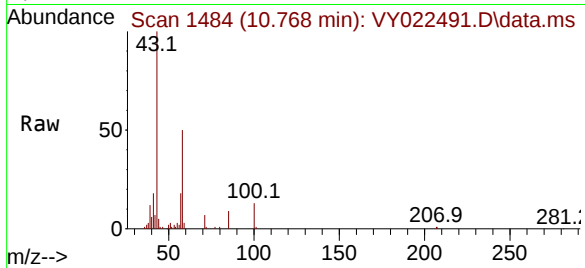




#59
2-Hexanone
Concen: 19.832 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

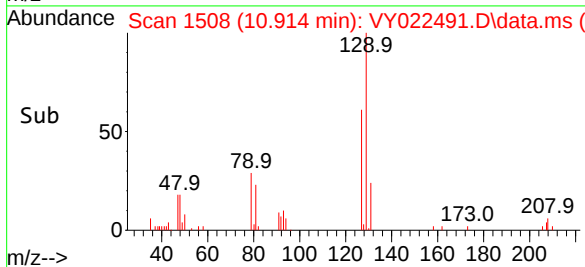
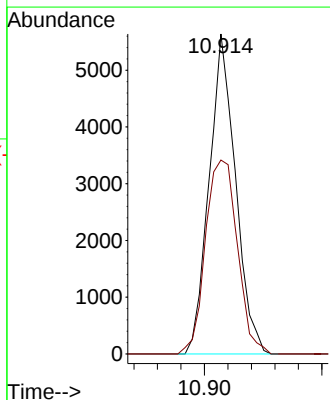
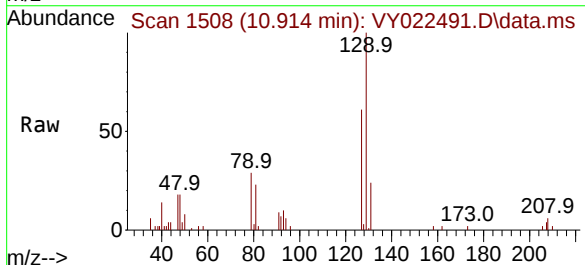
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

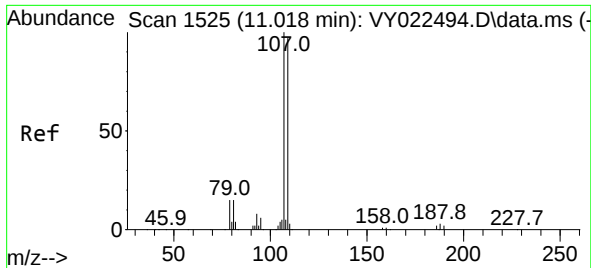
Tgt Ion: 43 Resp: 21243
Ion Ratio Lower Upper
43 100
58 50.4 27.3 81.8



#60
Dibromochloromethane
Concen: 4.152 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 129 Resp: 8781
Ion Ratio Lower Upper
129 100
127 73.3 39.1 117.2

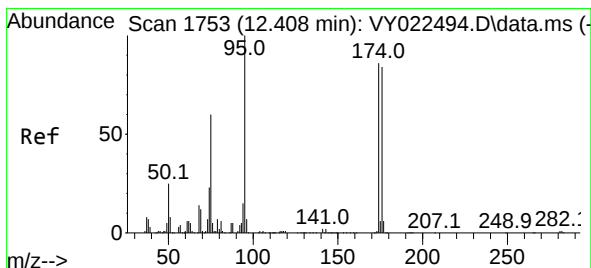
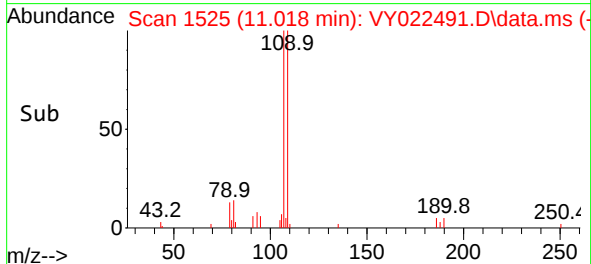
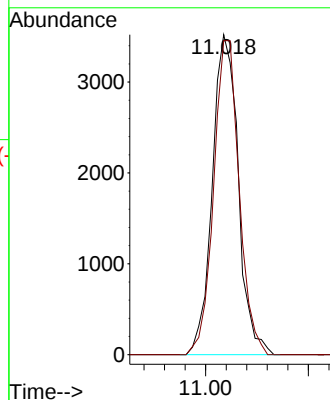
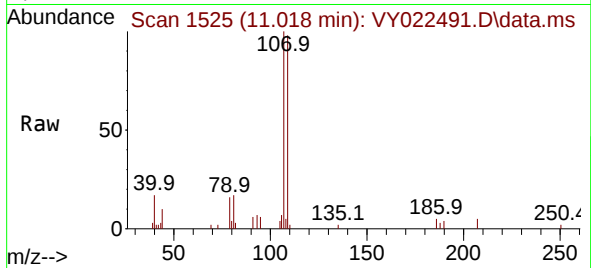




#61
1,2-Dibromoethane
Concen: 3.991 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

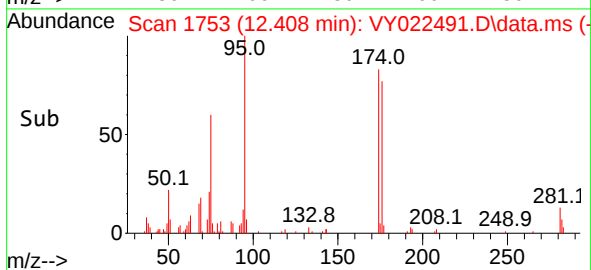
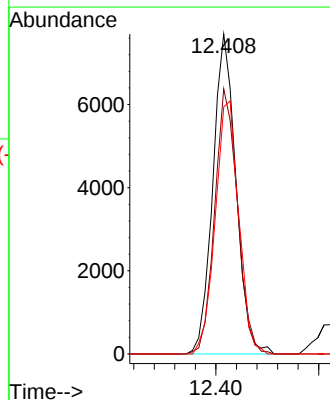
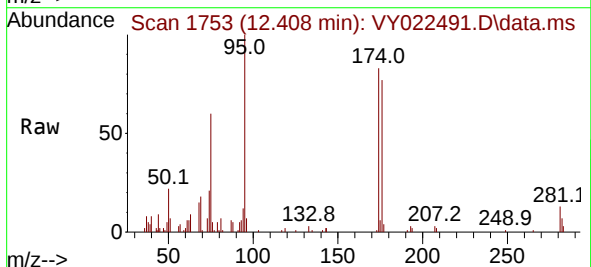
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

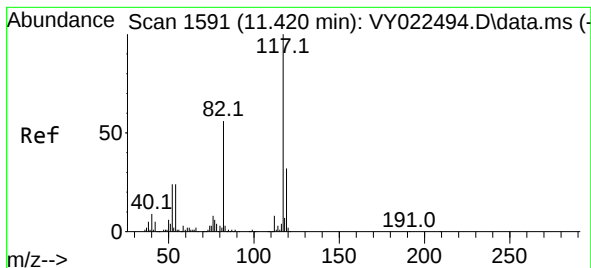
Tgt Ion:107 Resp: 6146
Ion Ratio Lower Upper
107 100
109 96.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 4.697 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 95 Resp: 11988
Ion Ratio Lower Upper
95 100
174 81.7 0.0 170.0
176 80.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

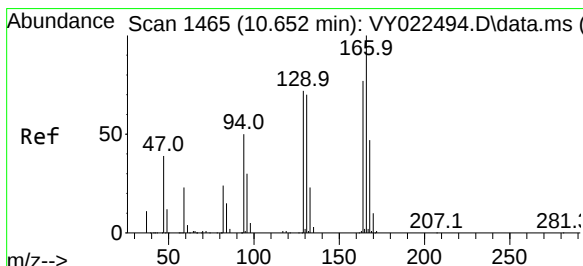
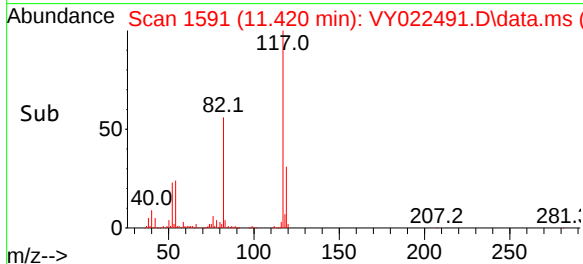
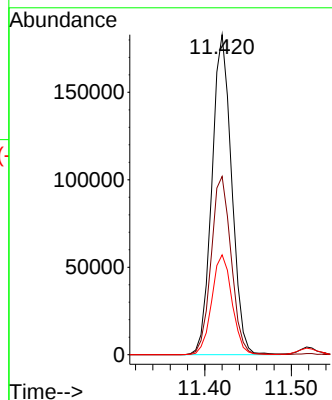
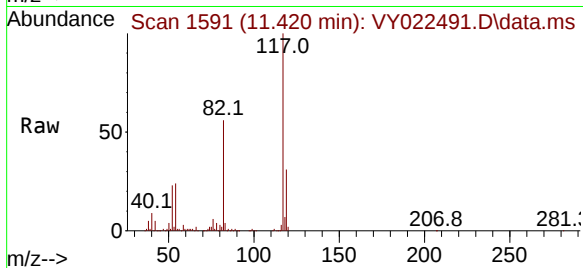
Tgt Ion:117 Resp: 289394

Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 4.417 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Tgt Ion:164 Resp: 10863

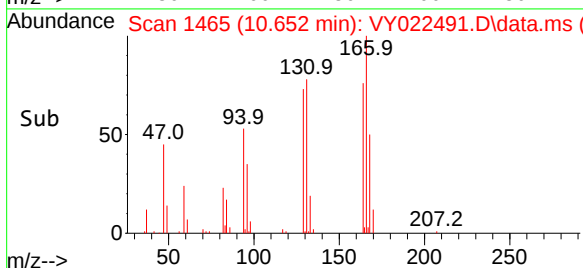
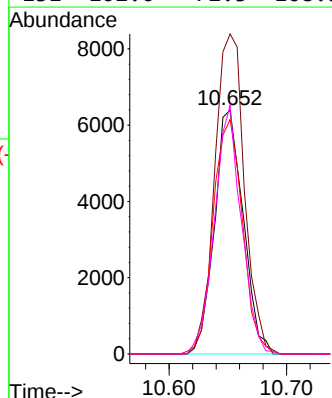
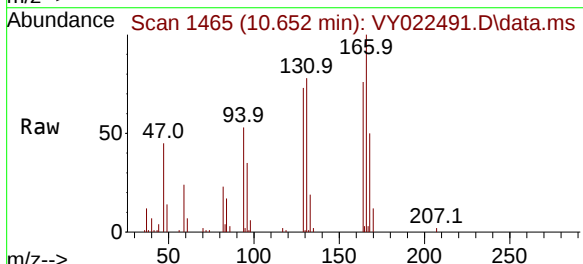
Ion Ratio Lower Upper

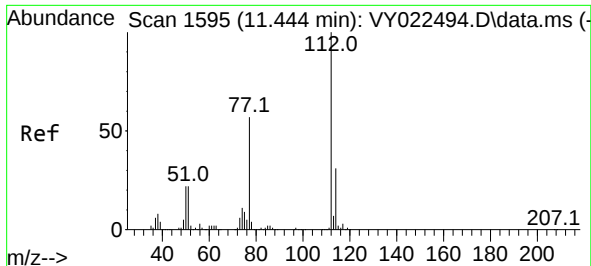
164 100

166 131.2 104.0 156.0

129 96.1 74.5 111.7

131 102.0 72.3 108.5

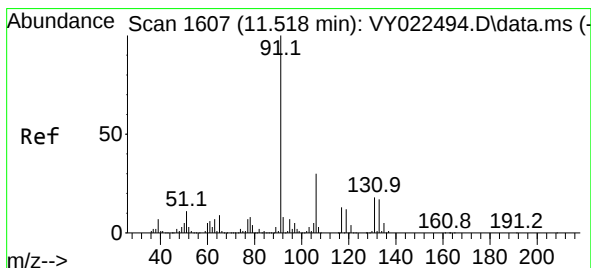
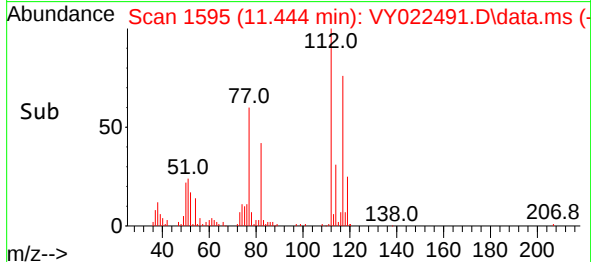
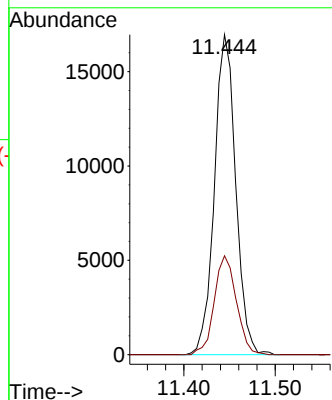
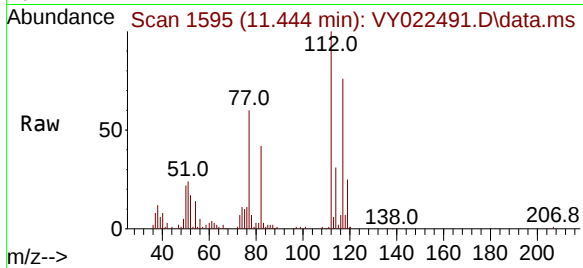




#65
Chlorobenzene
Concen: 4.377 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

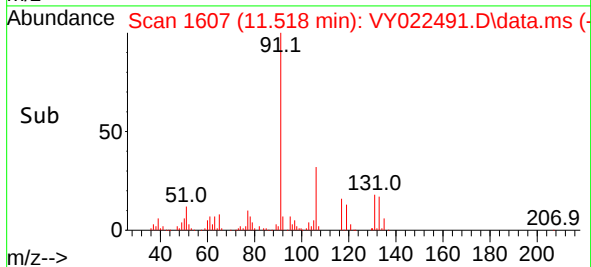
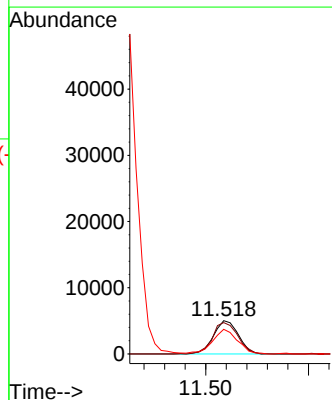
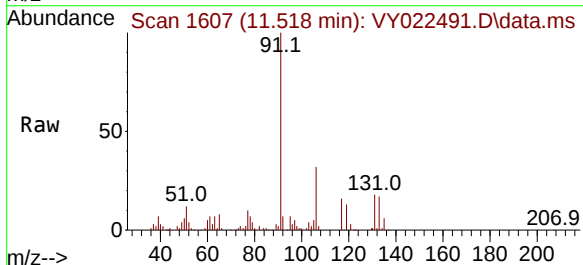
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 27467
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.959 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:131 Resp: 8422
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.8
119 74.3 33.1 99.3





#67

Ethyl Benzene

Concen: 4.098 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

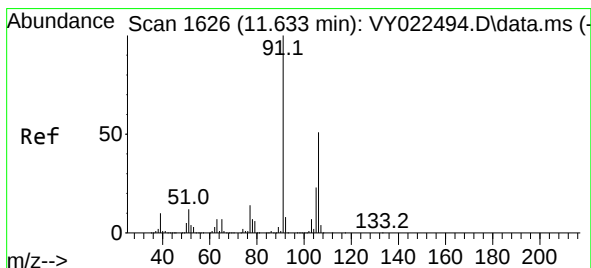
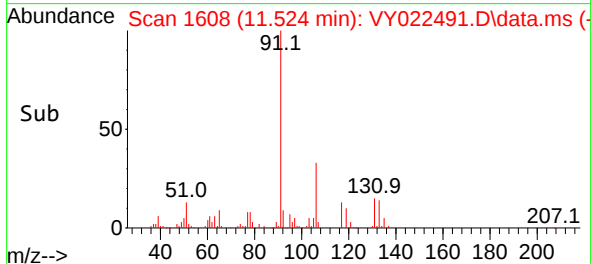
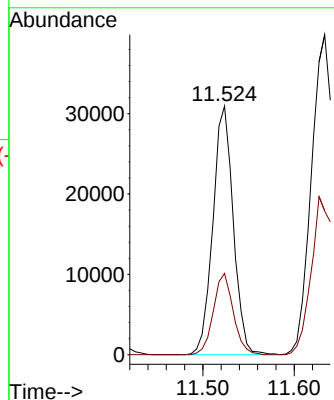
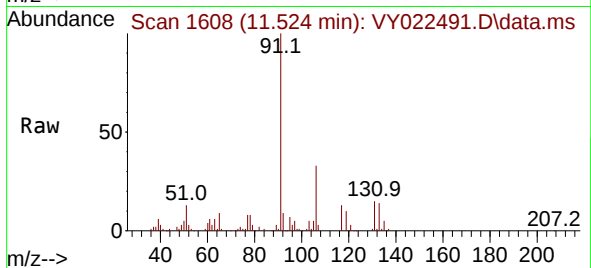
VSTDIC005

Tgt Ion: 91 Resp: 47883

Ion Ratio Lower Upper

91 100

106 32.7 24.2 36.4



#68

m/p-Xylenes

Concen: 8.060 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022491.D

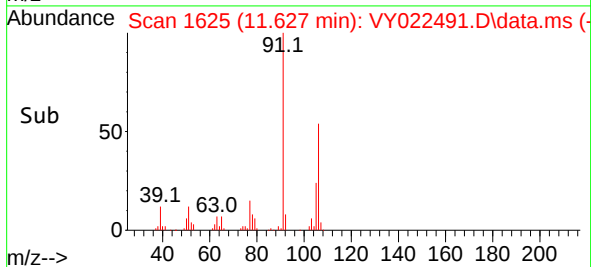
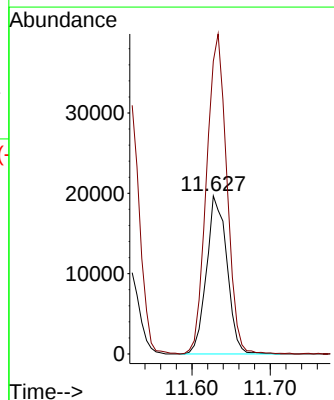
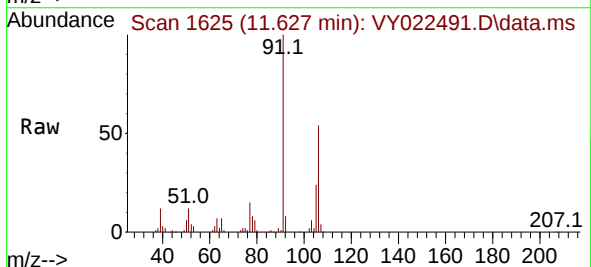
Acq: 02 Jun 2025 11:46

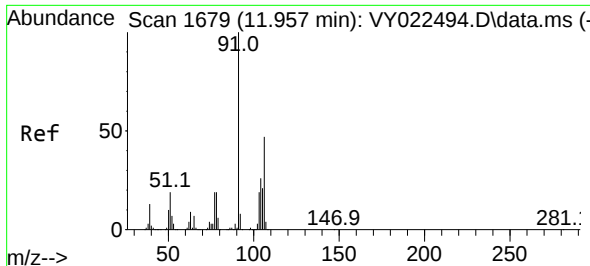
Tgt Ion:106 Resp: 35645

Ion Ratio Lower Upper

106 100

91 200.7 159.4 239.0

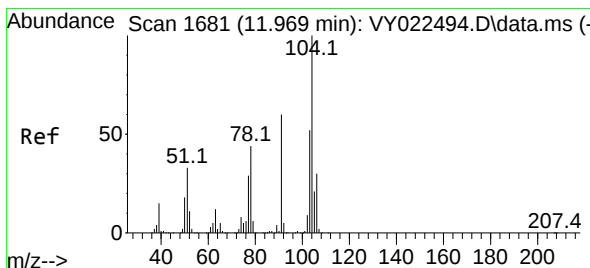
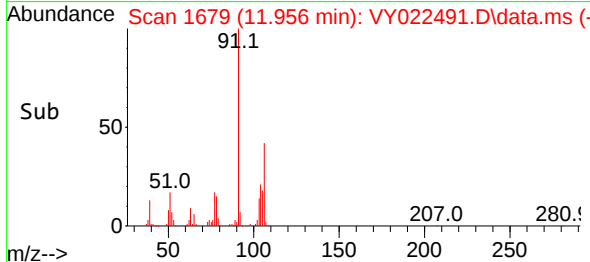
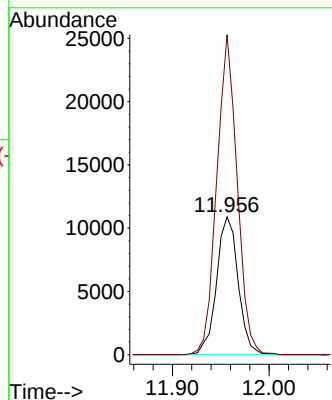
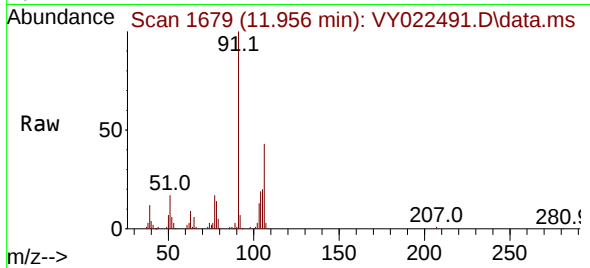




#69
o-Xylene
Concen: 4.075 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

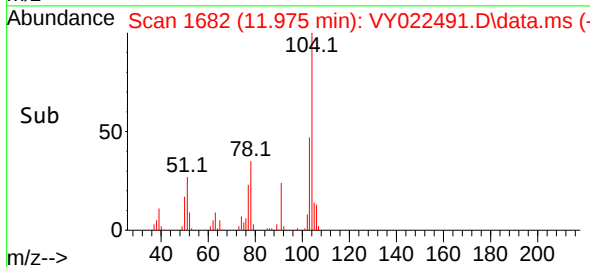
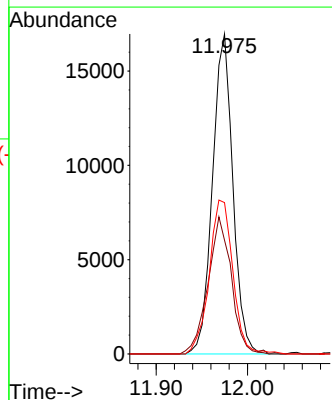
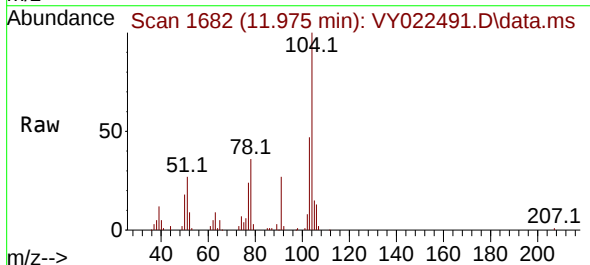
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 16866
Ion Ratio Lower Upper
106 100
91 219.4 105.8 317.3



#70
Styrene
Concen: 3.840 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:104 Resp: 26313
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 55.8 44.1 66.1





#71

Bromoform

Concen: 4.159 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

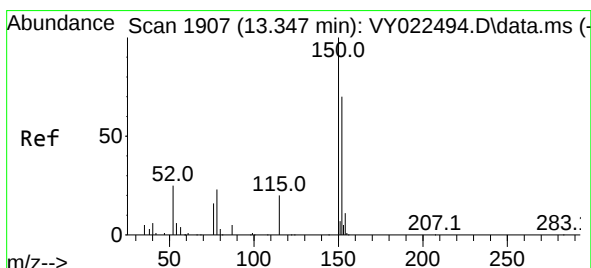
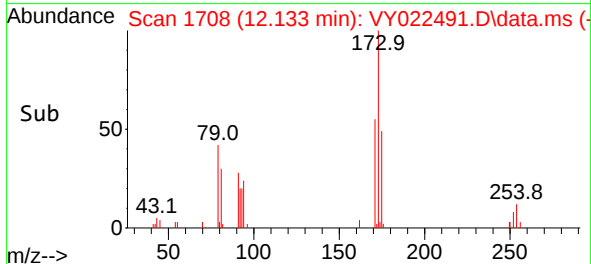
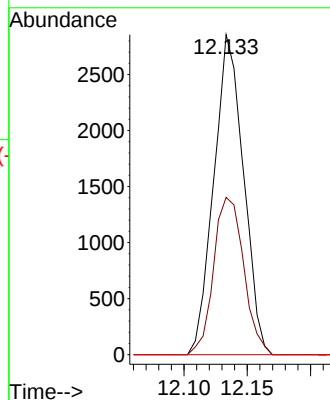
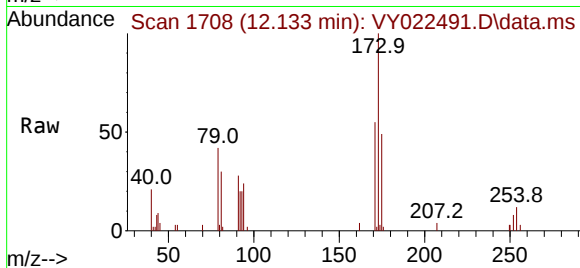
Tgt Ion:173 Resp: 4649

Ion Ratio Lower Upper

173 100

175 49.9 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

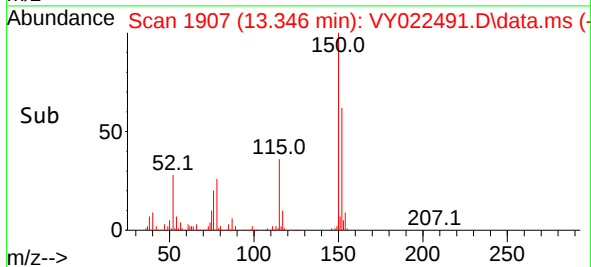
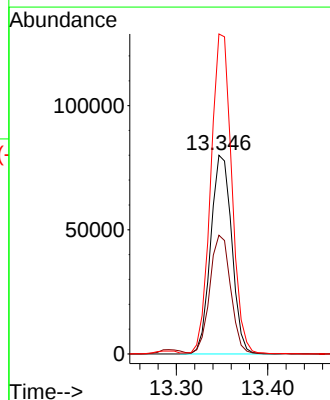
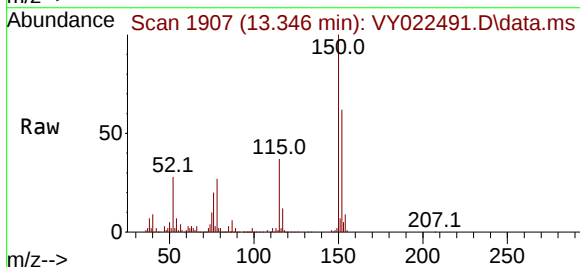
Tgt Ion:152 Resp: 127807

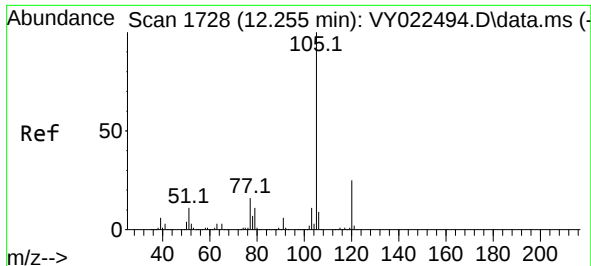
Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.7

150 160.5 0.0 349.6

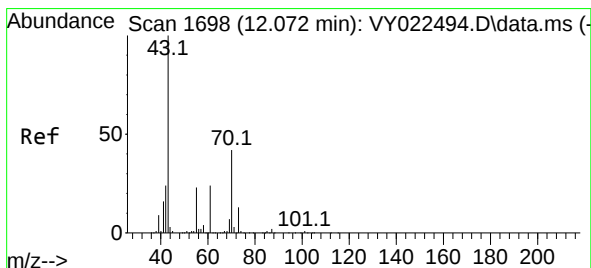
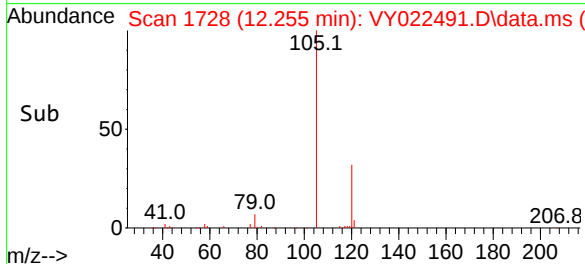
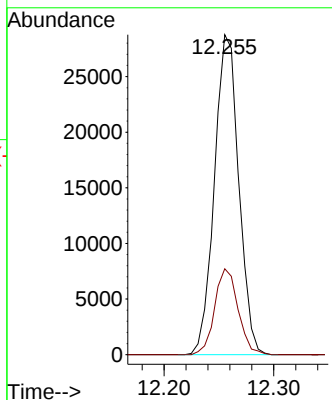
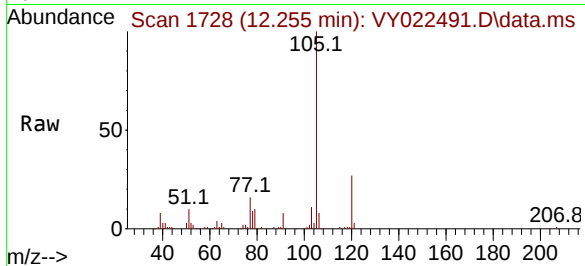




#73
Isopropylbenzene
Concen: 4.307 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

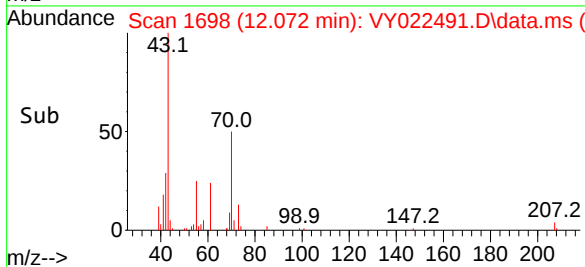
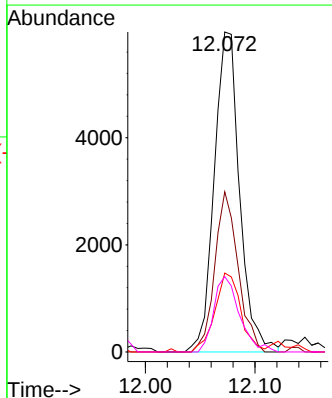
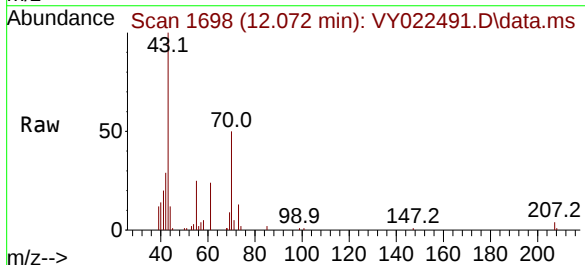
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 44350
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 3.699 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9632
Ion Ratio Lower Upper
43 100
70 45.9 34.2 51.2
55 25.1 18.2 27.4
61 23.9 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 4.359 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

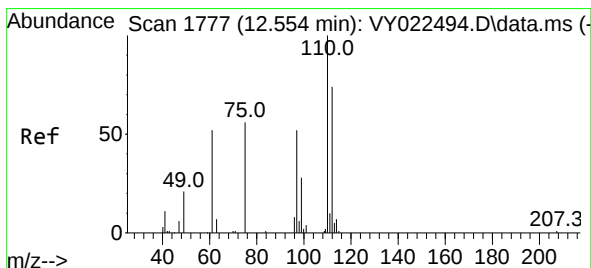
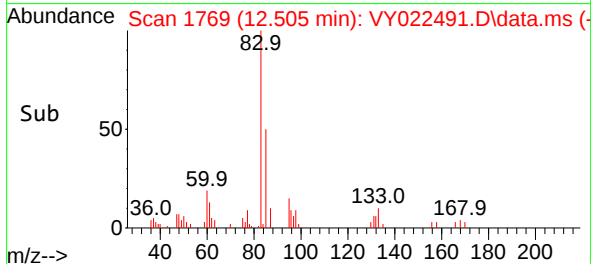
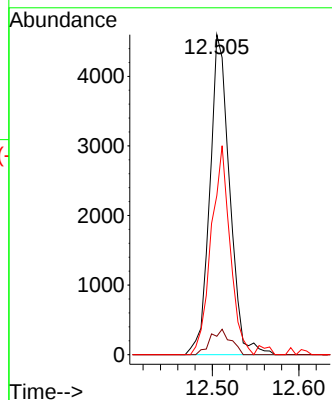
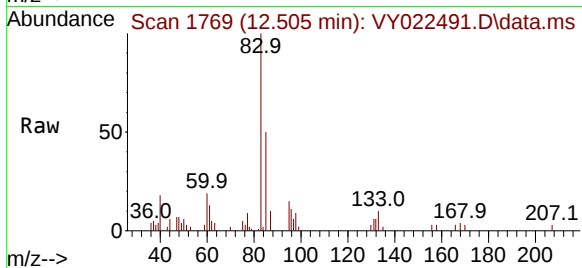
Tgt Ion: 83 Resp: 7289

Ion Ratio Lower Upper

83 100

131 8.1 4.9 14.7

85 62.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 5.920 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022491.D

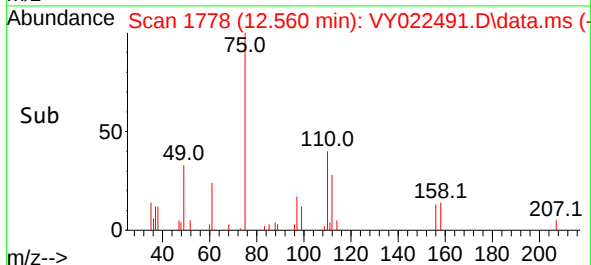
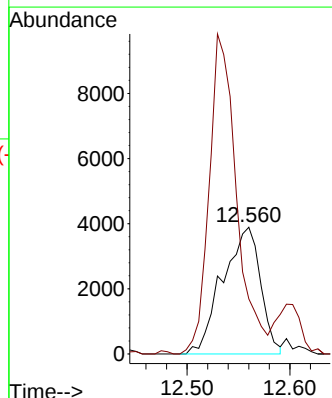
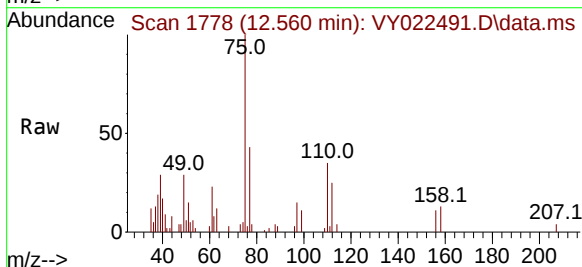
Acq: 02 Jun 2025 11:46

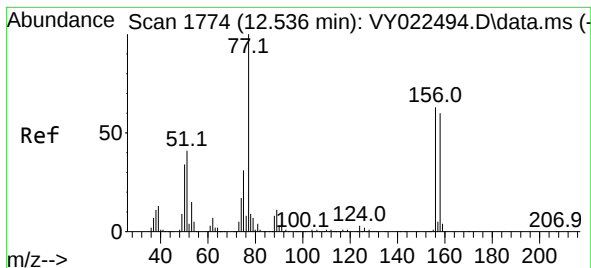
Tgt Ion: 75 Resp: 9988

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.234 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

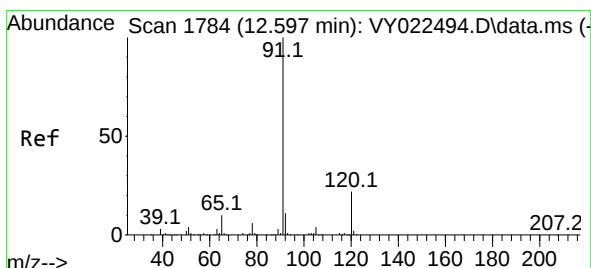
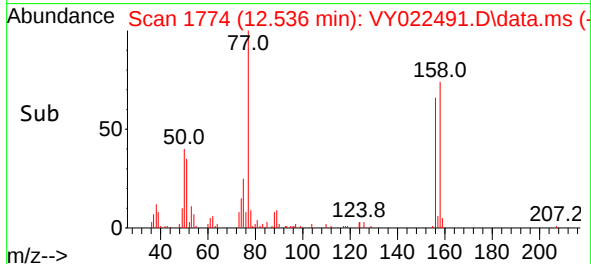
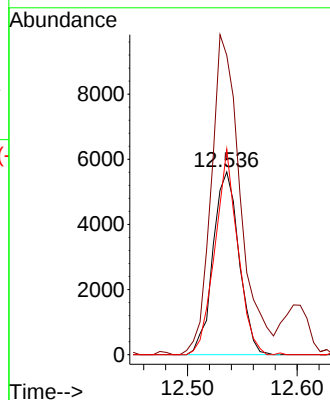
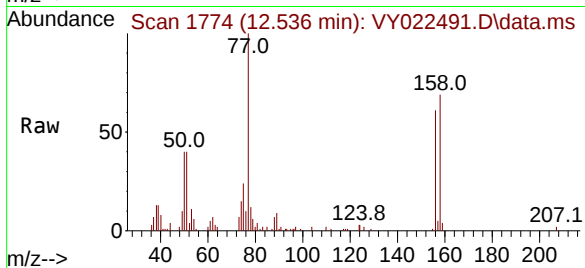
Tgt Ion:156 Resp: 9241

Ion Ratio Lower Upper

156 100

77 196.5 94.0 282.1

158 98.9 48.2 144.6



#78

n-propylbenzene

Concen: 4.511 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022491.D

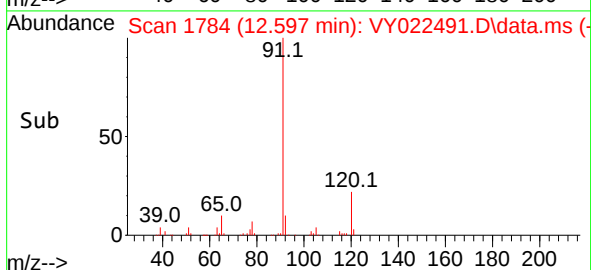
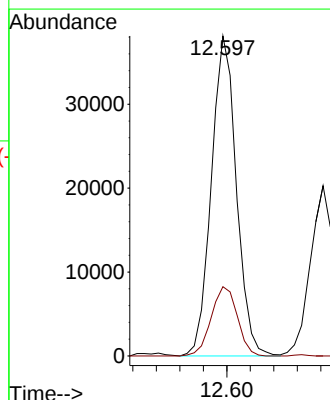
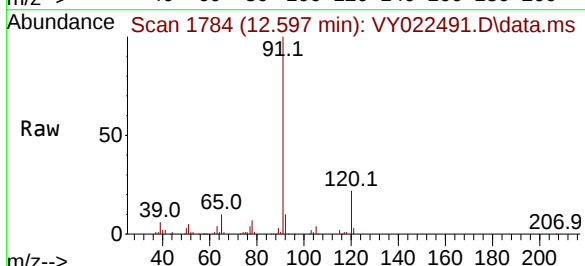
Acq: 02 Jun 2025 11:46

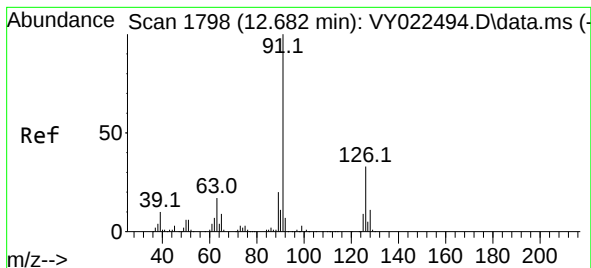
Tgt Ion: 91 Resp: 56543

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4

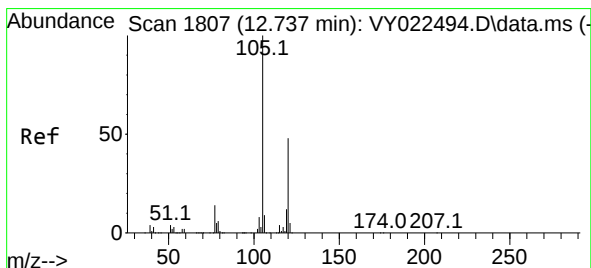
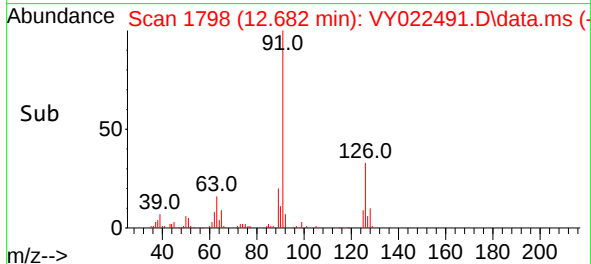
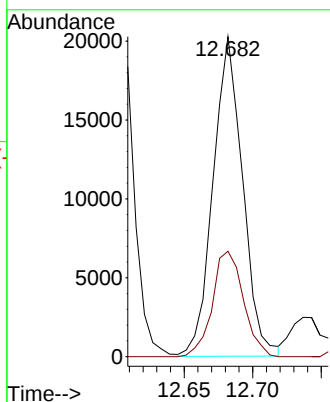
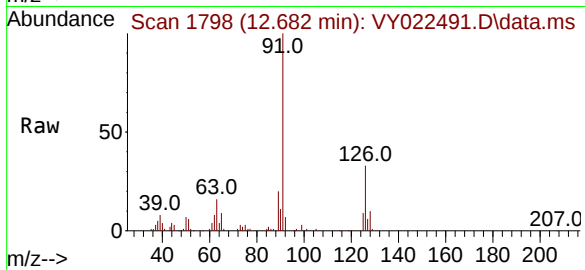




#79
2-Chlorotoluene
Concen: 4.591 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

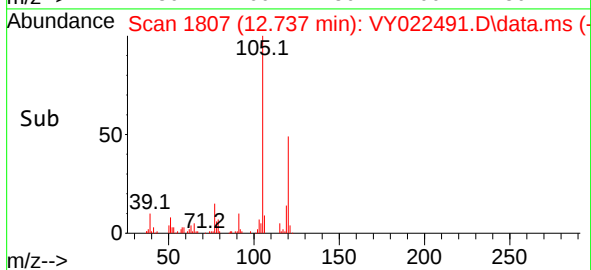
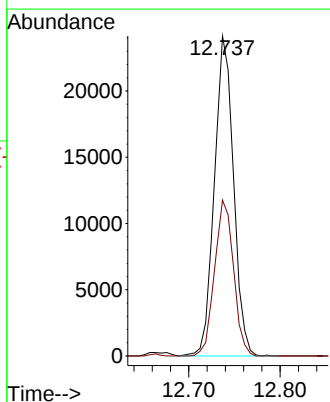
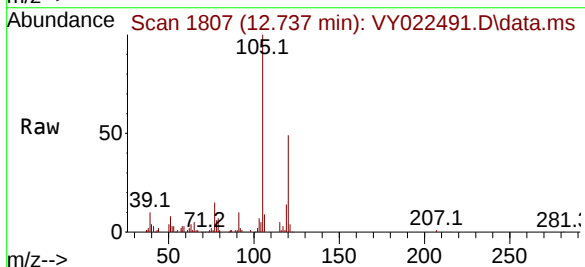
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

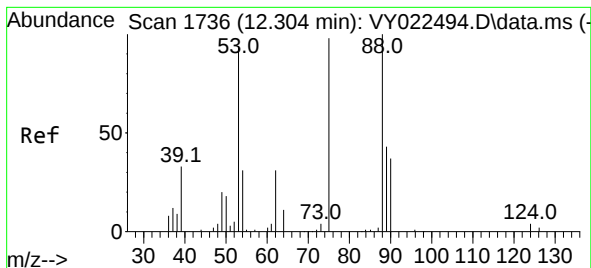
Tgt Ion: 91 Resp: 30387
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 4.362 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 105 Resp: 35122
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.4

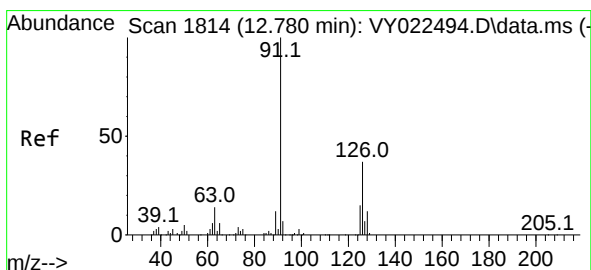
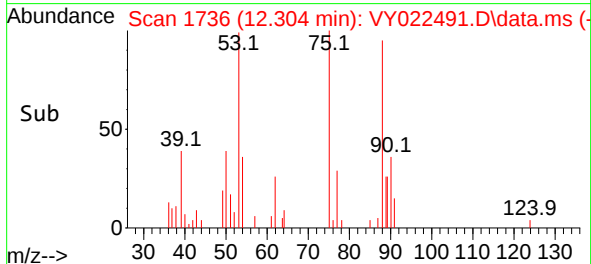
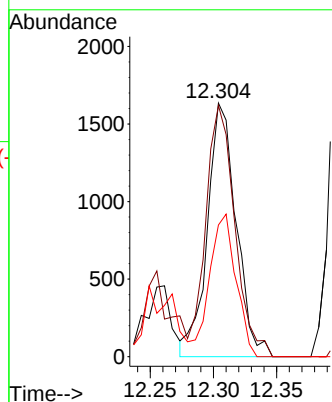
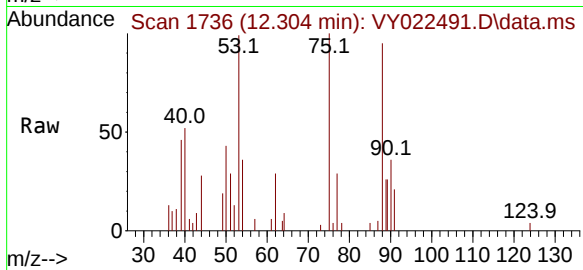




#81
trans-1,4-Dichloro-2-butene
Concen: 4.411 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

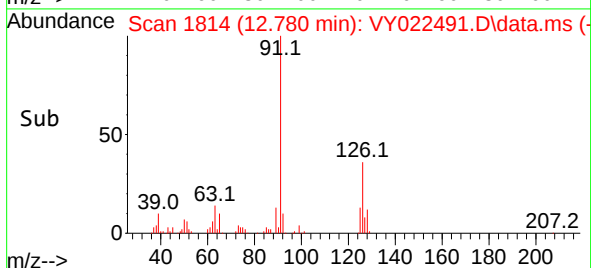
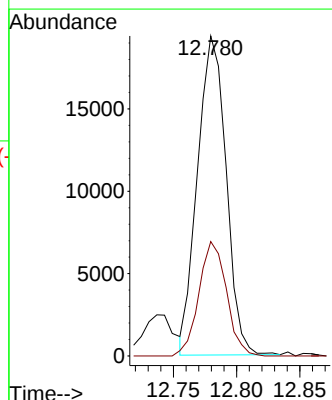
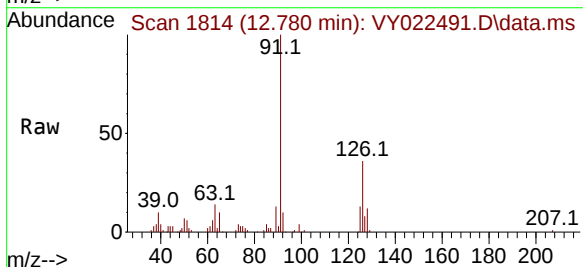
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

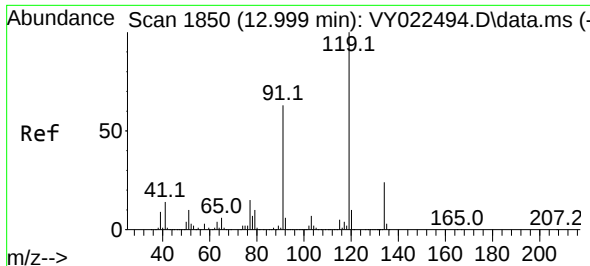
Tgt Ion:	75	Resp:	2596
Ion	Ratio	Lower	Upper
75	100		
53	99.3	78.5	117.7
89	51.7	35.7	53.5



#82
4-Chlorotoluene
Concen: 4.447 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:	91	Resp:	30501
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9

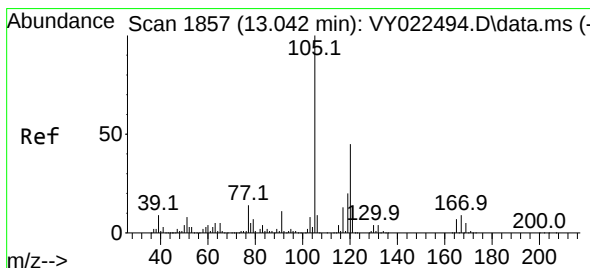
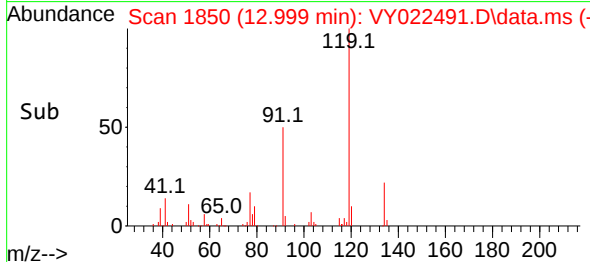
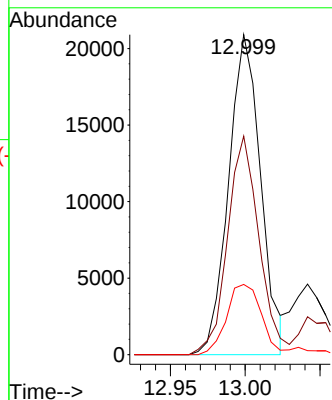
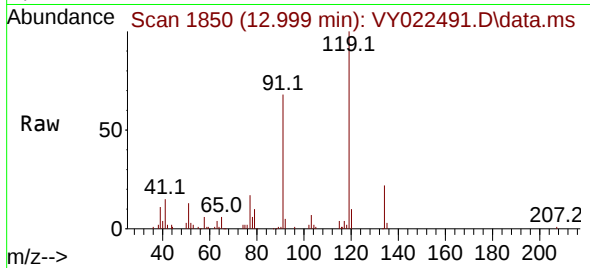




#83
 tert-Butylbenzene
 Concen: 4.252 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022491.D
 Acq: 02 Jun 2025 11:46

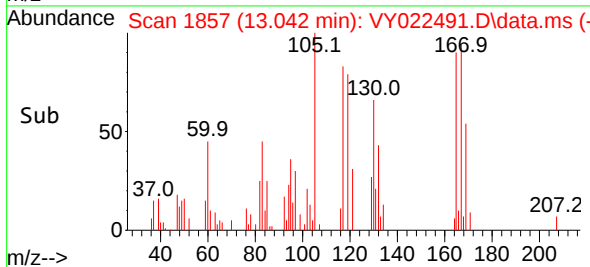
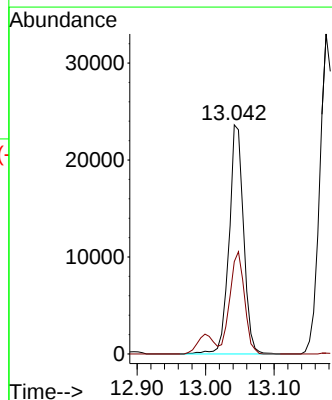
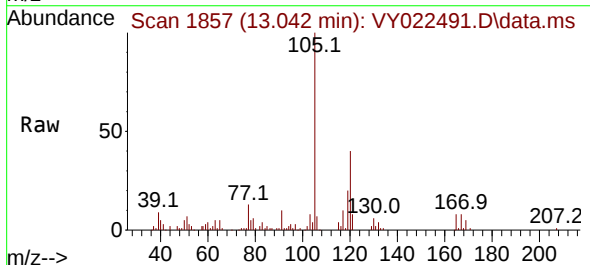
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

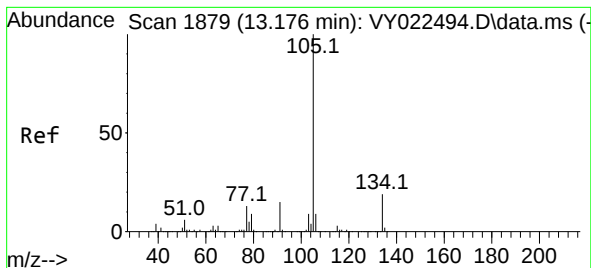
Tgt Ion:119 Resp: 31232
 Ion Ratio Lower Upper
 119 100
 91 67.0 32.1 96.3
 134 23.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 4.314 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022491.D
 Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 34752
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 4.449 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

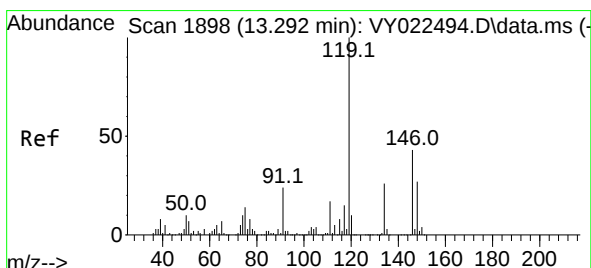
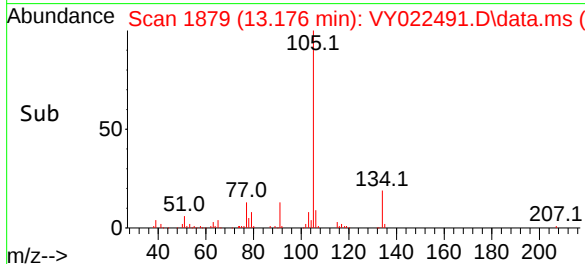
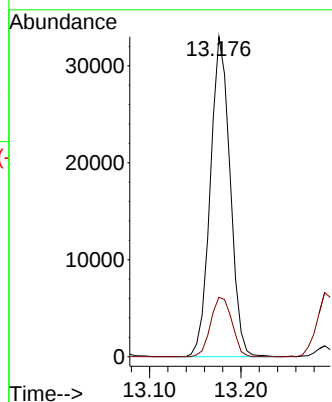
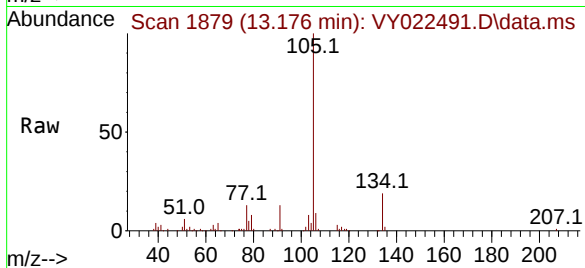
VSTDIC005

Tgt Ion:105 Resp: 49546

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 4.240 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

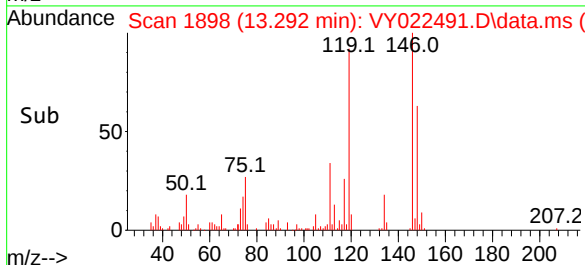
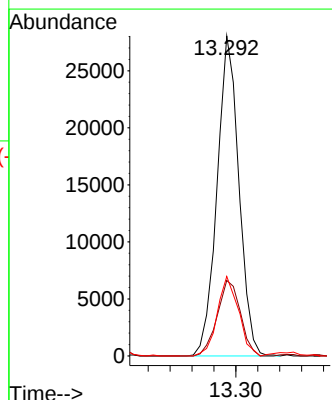
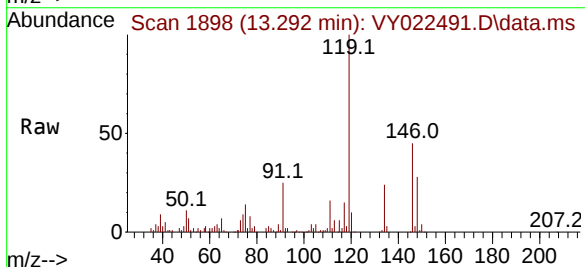
Tgt Ion:119 Resp: 38822

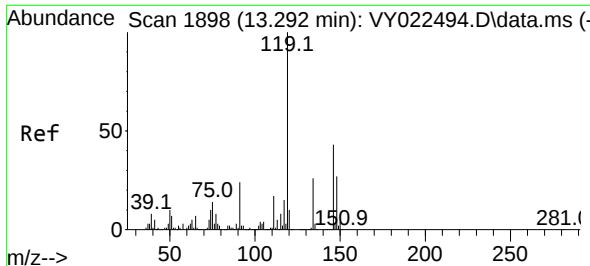
Ion Ratio Lower Upper

119 100

134 25.0 13.1 39.1

91 24.2 11.6 34.8

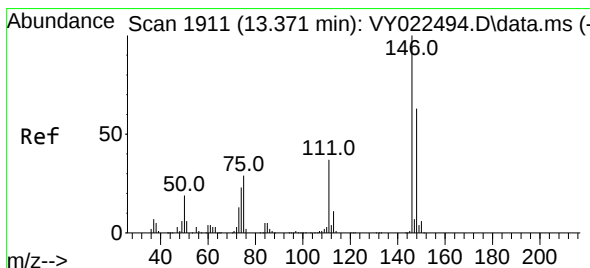
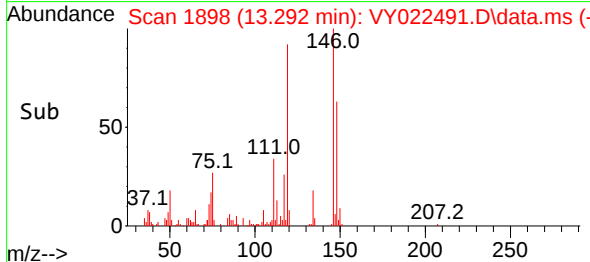
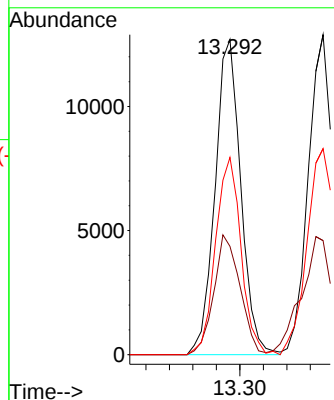
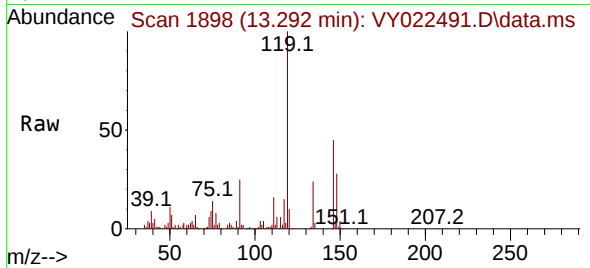




#87
1,3-Dichlorobenzene
Concen: 4.431 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

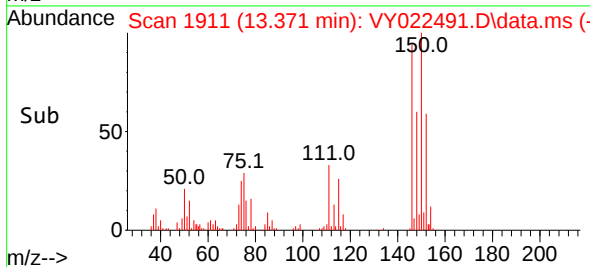
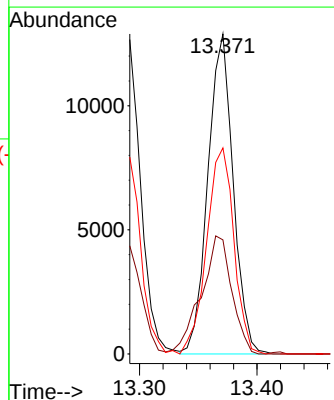
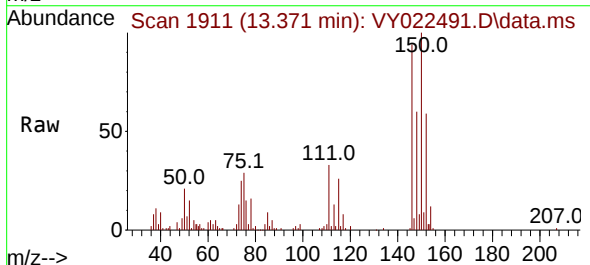
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

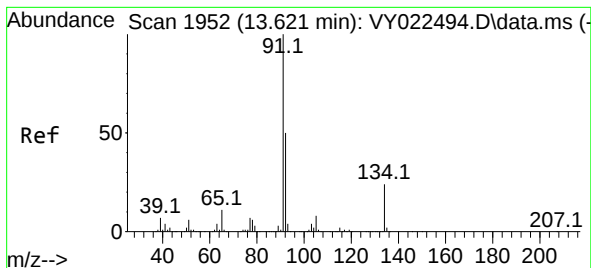
Tgt Ion:146 Resp: 19350
Ion Ratio Lower Upper
146 100
111 38.7 20.1 60.2
148 61.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 4.529 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 19268
Ion Ratio Lower Upper
146 100
111 44.9 19.4 58.2
148 69.5 31.6 94.8





#89

n-Butylbenzene

Concen: 4.333 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

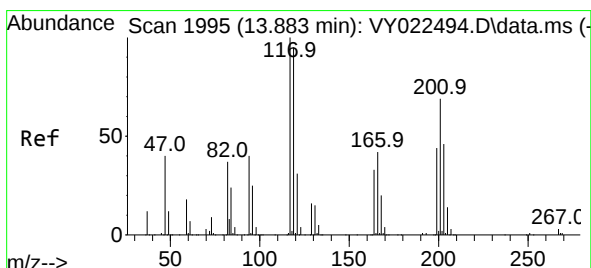
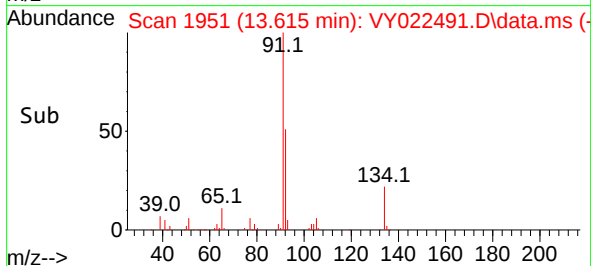
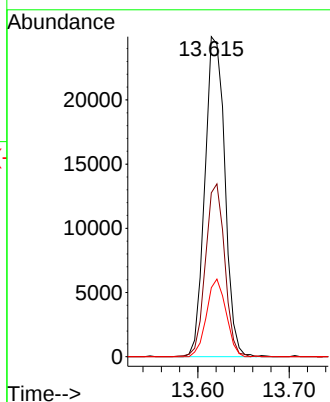
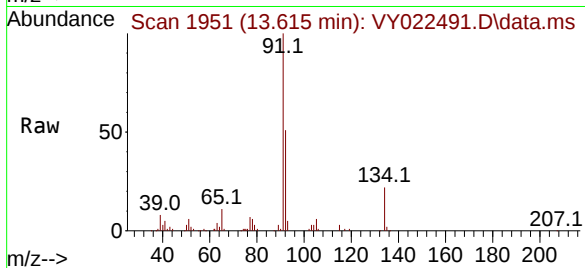
Tgt Ion: 91 Resp: 37774

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

134 23.8 12.0 36.1



#90

Hexachloroethane

Concen: 4.506 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY022491.D

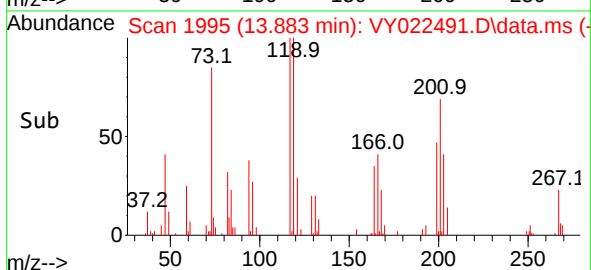
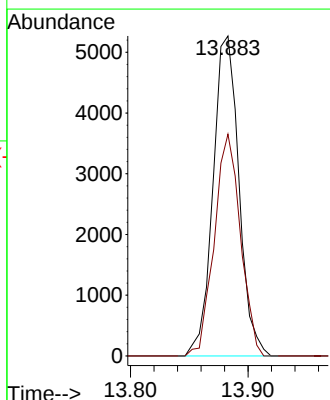
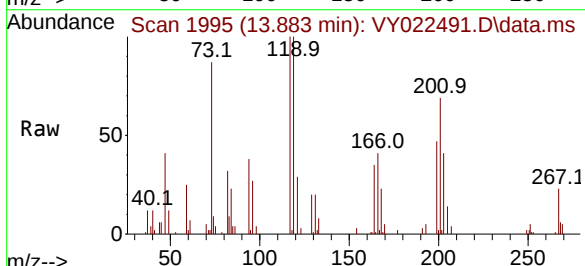
Acq: 02 Jun 2025 11:46

Tgt Ion: 117 Resp: 8072

Ion Ratio Lower Upper

117 100

201 69.9 34.0 102.0

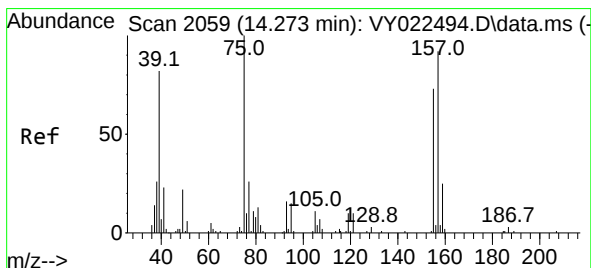
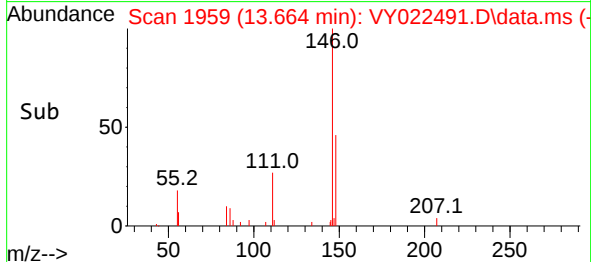
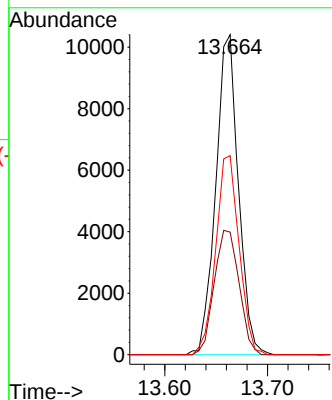
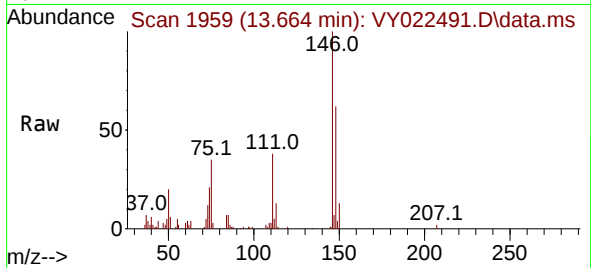




#91
1,2-Dichlorobenzene
Concen: 4.244 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

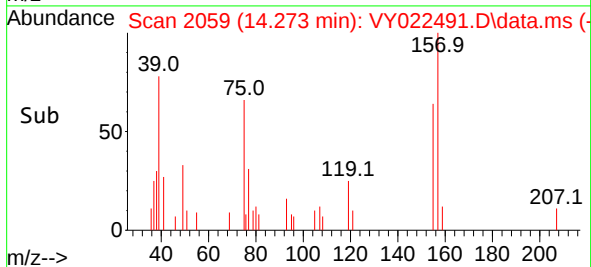
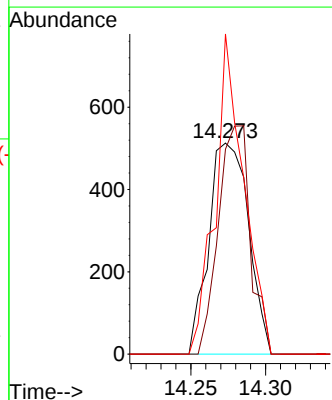
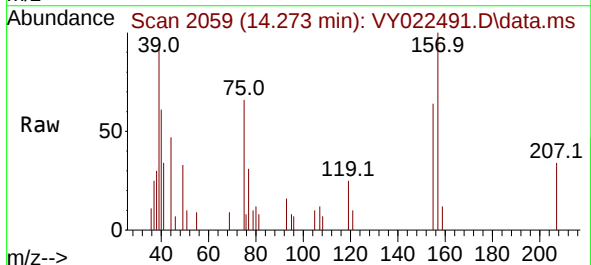
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

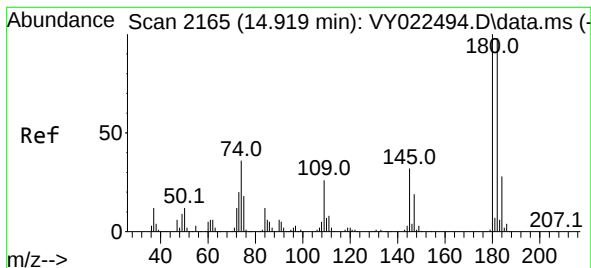
Tgt Ion:146 Resp: 15922
Ion Ratio Lower Upper
146 100
111 42.6 20.2 60.6
148 64.0 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.754 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 949
Ion Ratio Lower Upper
75 100
155 87.0 39.9 119.6
157 109.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 4.159 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

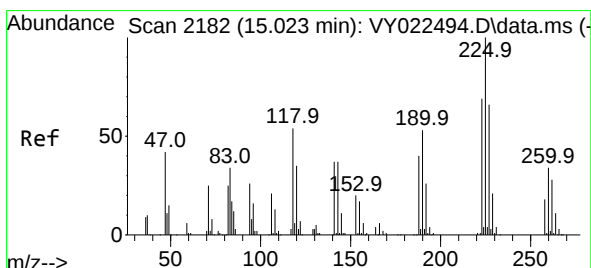
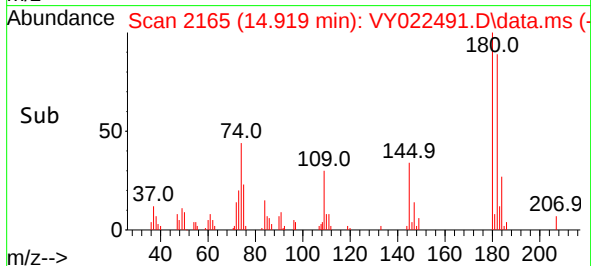
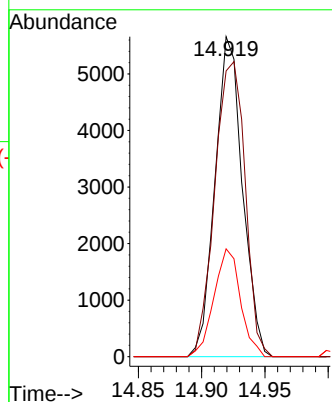
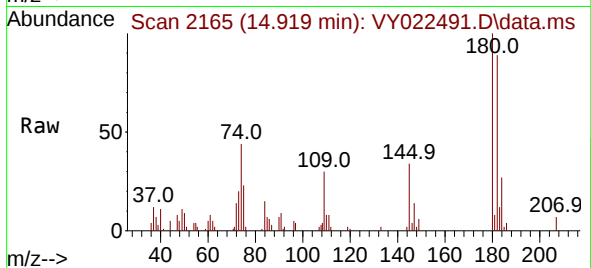
Tgt Ion:180 Resp: 8529

Ion Ratio Lower Upper

180 100

182 101.9 48.4 145.3

145 32.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 5.024 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

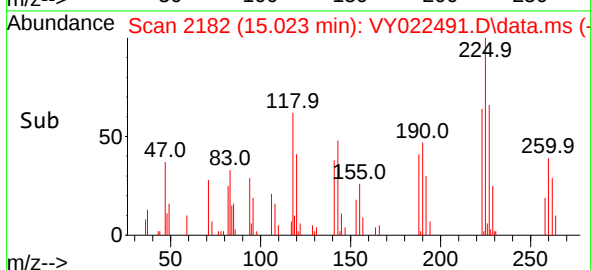
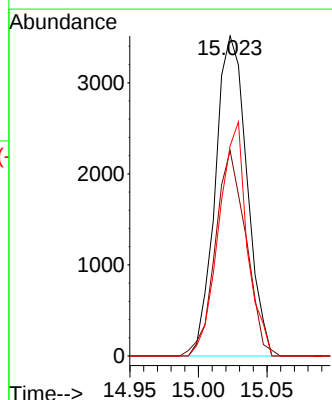
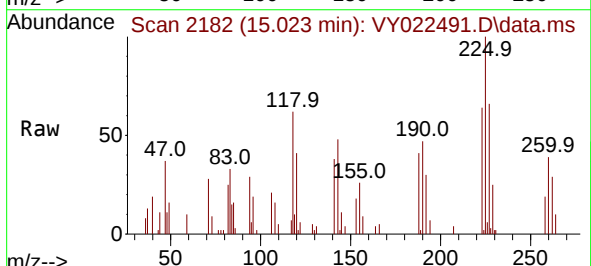
Tgt Ion:225 Resp: 5627

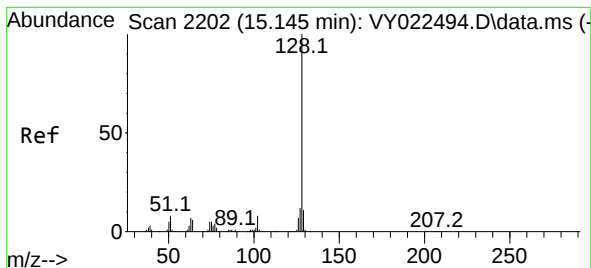
Ion Ratio Lower Upper

225 100

223 62.4 32.5 97.4

227 65.6 32.3 96.9





#95

Naphthalene

Concen: 3.859 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

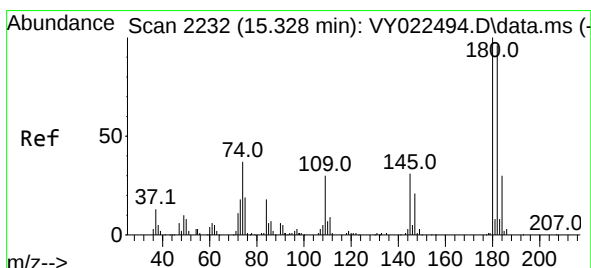
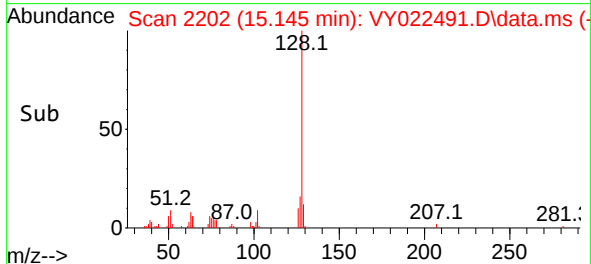
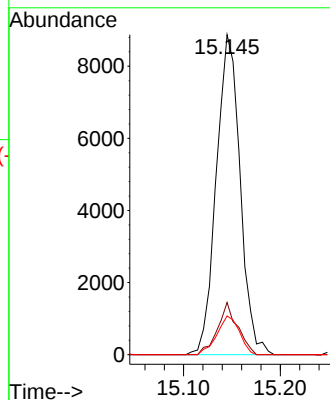
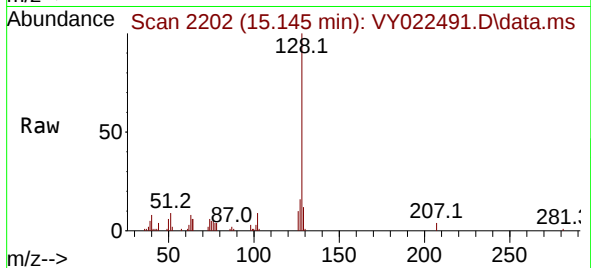
Tgt Ion:128 Resp: 15167

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 4.563 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022491.D

Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 7952

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 32.5 15.2 45.6

