

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023385.D
 Acq On : 07 Oct 2025 10:02
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 08 04:40:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	559828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	847077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	374998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48826	10.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.140%#
35) Dibromofluoromethane	7.634	113	53279	10.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.720%#
50) Toluene-d8	10.109	98	198242	10.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.460%#
62) 4-Bromofluorobenzene	12.401	95	62601	10.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.460%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	44666	10.129	ug/l	97
3) Chloromethane	2.068	50	62413	9.957	ug/l	97
4) Vinyl Chloride	2.202	62	76587	9.676	ug/l	99
5) Bromomethane	2.592	94	66689	10.271	ug/l	90
6) Chloroethane	2.732	64	51757	9.632	ug/l	92
7) Trichlorofluoromethane	3.055	101	102972	10.128	ug/l	99
8) Diethyl Ether	3.458	74	26719	10.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	54405	10.011	ug/l	99
10) Methyl Iodide	4.007	142	56313	8.967	ug/l	99
11) Tert butyl alcohol	4.854	59	20540	71.998	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	53191	10.173	ug/l	98
13) Acrolein	3.653	56	24014	49.681	ug/l	94
14) Allyl chloride	4.385	41	62154	9.494	ug/l	99
15) Acrylonitrile	5.061	53	51937	49.854	ug/l	99
16) Acetone	3.872	43	65410	59.997	ug/l	94
17) Carbon Disulfide	4.104	76	153055	9.382	ug/l	100
18) Methyl Acetate	4.391	43	29725	10.728	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	120347	9.830	ug/l	100
20) Methylene Chloride	4.616	84	71034	12.016	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	56465	9.710	ug/l	97
22) Diisopropyl ether	6.024	45	138589	9.547	ug/l	98
23) Vinyl Acetate	5.963	43	361478	45.300	ug/l	99
24) 1,1-Dichloroethane	5.915	63	93512	9.772	ug/l	98
25) 2-Butanone	6.890	43	75171	55.784	ug/l	92
26) 2,2-Dichloropropane	6.890	77	86325	10.153	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	65335	9.905	ug/l	99
28) Bromochloromethane	7.244	49	36132	9.733	ug/l	99
29) Tetrahydrofuran	7.262	42	38990	48.749	ug/l	99
30) Chloroform	7.421	83	102058	9.890	ug/l	99
31) Cyclohexane	7.701	56	80245	9.495	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	91186	9.844	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69913	9.639	ug/l	99
37) Ethyl Acetate	6.988	43	27388	9.551	ug/l	96
38) Carbon Tetrachloride	7.817	117	84799	10.065	ug/l	99
39) Methylcyclohexane	9.109	83	82275	8.860	ug/l	95
40) Benzene	8.079	78	220629	9.758	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023385.D
 Acq On : 07 Oct 2025 10:02
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 08 04:40:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:39:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	14344	9.632	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	58541	10.174	ug/l	99
43) Isopropyl Acetate	8.201	43	53042	9.510	ug/l	98
44) Trichloroethene	8.865	130	64537	10.171	ug/l	96
45) 1,2-Dichloropropane	9.140	63	49009	9.632	ug/l	100
46) Dibromomethane	9.231	93	30780	9.890	ug/l	99
47) Bromodichloromethane	9.426	83	78392	10.007	ug/l	99
48) Methyl methacrylate	9.225	41	23484	9.023	ug/l	97
49) 1,4-Dioxane	9.231	88	6822	211.693	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	134746	47.165	ug/l	99
52) Toluene	10.170	92	138662	9.661	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	64315	9.559	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	77905	9.687	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	41881	10.118	ug/l	92
56) Ethyl methacrylate	10.438	69	42096	8.830	ug/l	98
57) 1,3-Dichloropropane	10.719	76	64537	9.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	93842	44.994	ug/l	99
59) 2-Hexanone	10.761	43	99175	50.138	ug/l	96
60) Dibromochloromethane	10.908	129	57151	10.123	ug/l	97
61) 1,2-Dibromoethane	11.011	107	38861	9.979	ug/l	99
64) Tetrachloroethene	10.646	164	76110	10.335	ug/l	98
65) Chlorobenzene	11.438	112	161155	10.074	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	57233	10.173	ug/l	98
67) Ethyl Benzene	11.517	91	251958	9.651	ug/l	98
68) m/p-Xylenes	11.627	106	198866	19.004	ug/l	99
69) o-Xylene	11.950	106	91710	9.467	ug/l	100
70) Styrene	11.969	104	151094	9.446	ug/l	99
71) Bromoform	12.133	173	35681	10.595	ug/l #	94
73) Isopropylbenzene	12.249	105	236489	9.467	ug/l	99
74) N-amyl acetate	12.066	43	40098	8.590	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41130	9.871	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	54844	14.827	ug/l #	100
77) Bromobenzene	12.529	156	66002	10.295	ug/l	99
78) n-propylbenzene	12.590	91	275671	9.384	ug/l	100
79) 2-Chlorotoluene	12.676	91	165582	9.762	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	191799	9.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	13110	9.556	ug/l	99
82) 4-Chlorotoluene	12.773	91	169968	9.595	ug/l	100
83) tert-Butylbenzene	12.993	119	177250	9.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	191423	9.528	ug/l	98
85) sec-Butylbenzene	13.170	105	254134	9.483	ug/l	100
86) p-Isopropyltoluene	13.285	119	210320	9.287	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	127377	10.058	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	127757	10.172	ug/l	98
89) n-Butylbenzene	13.615	91	182116	9.107	ug/l	98
90) Hexachloroethane	13.877	117	47355	9.630	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	112325	10.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7005	10.608	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	65050	9.992	ug/l	98
94) Hexachlorobutadiene	15.023	225	42813	10.554	ug/l	97
95) Naphthalene	15.139	128	96092	9.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	56499	10.004	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

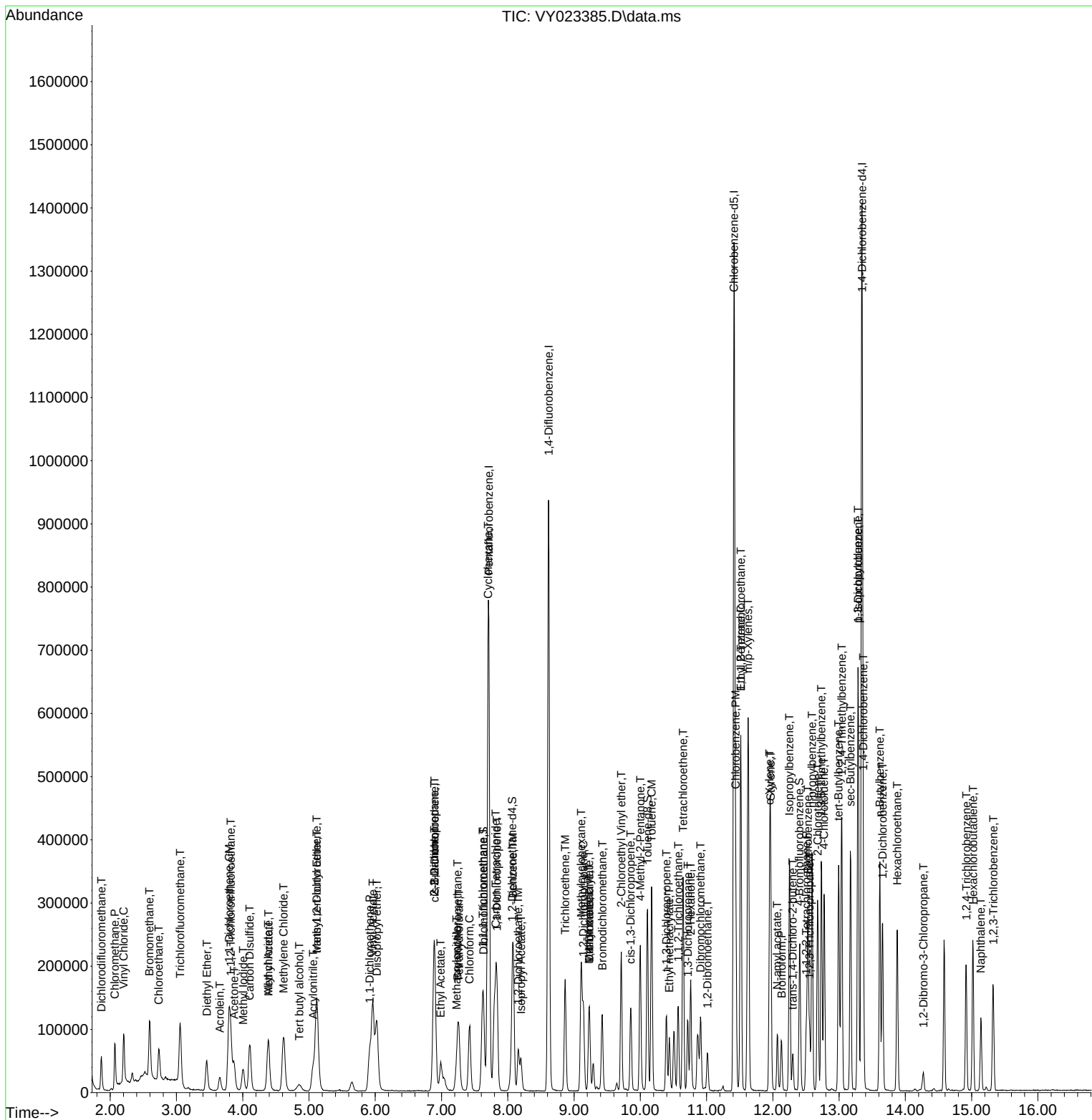
Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

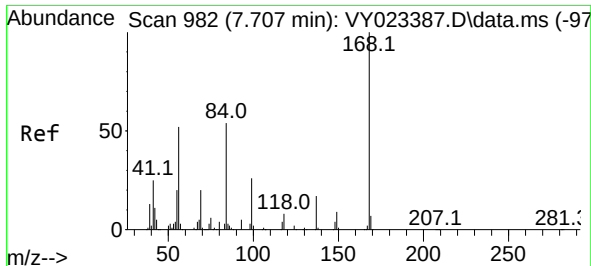
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

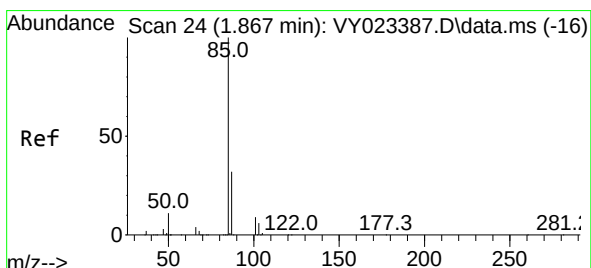
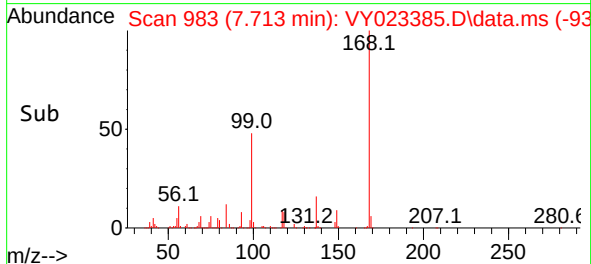
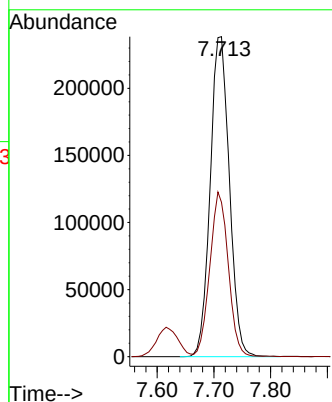
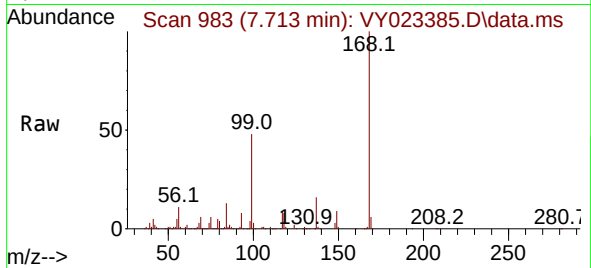




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

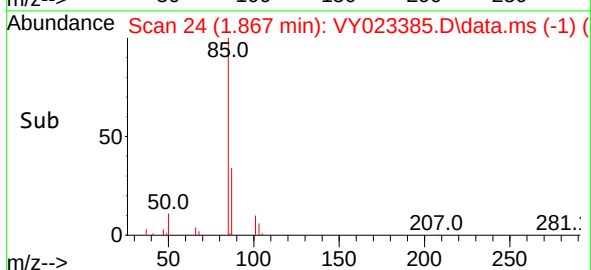
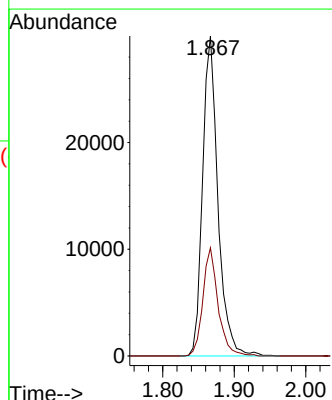
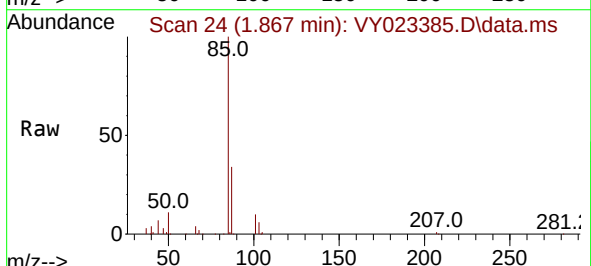
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

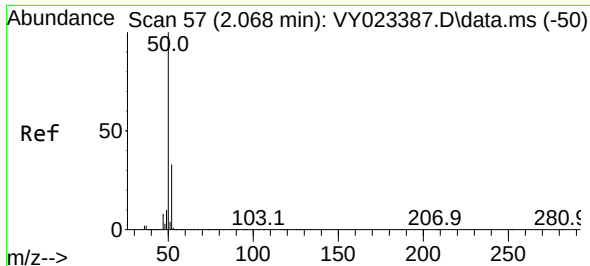
Tgt Ion:168 Resp: 559828
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 10.129 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 85 Resp: 44666
Ion Ratio Lower Upper
85 100
87 33.8 16.0 47.9

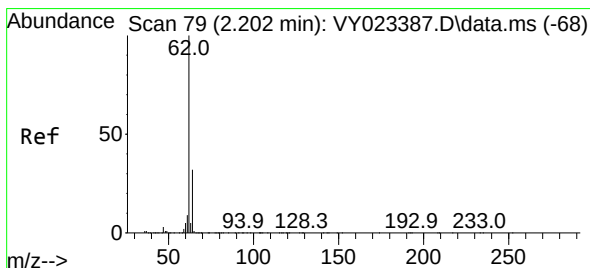
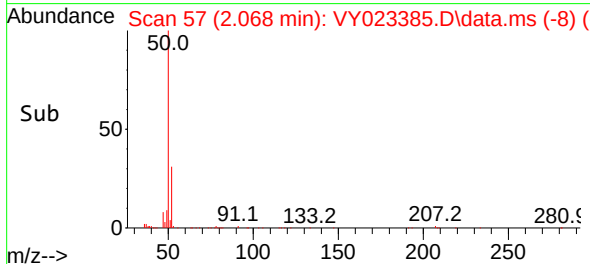
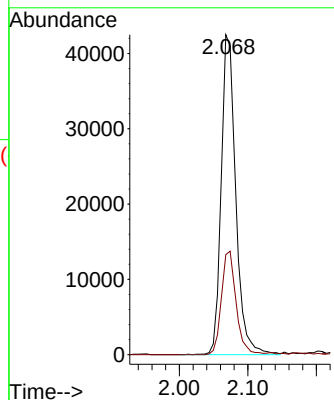
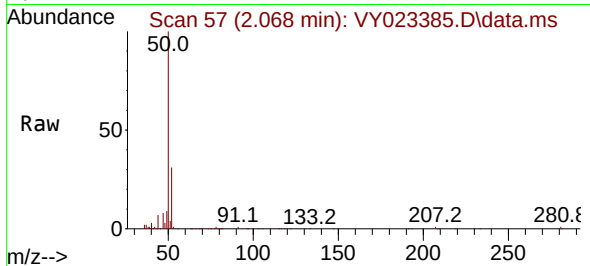




#3
Chloromethane
Concen: 9.957 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

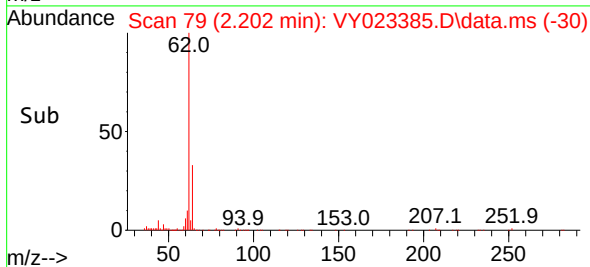
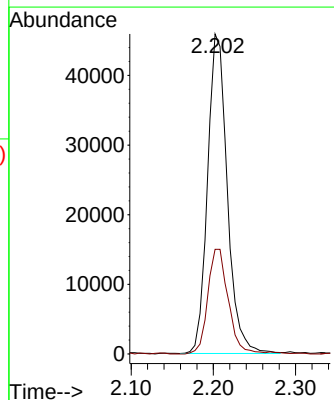
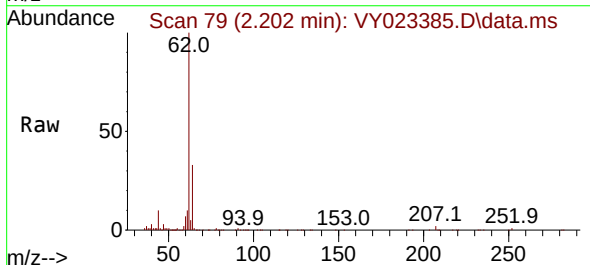
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

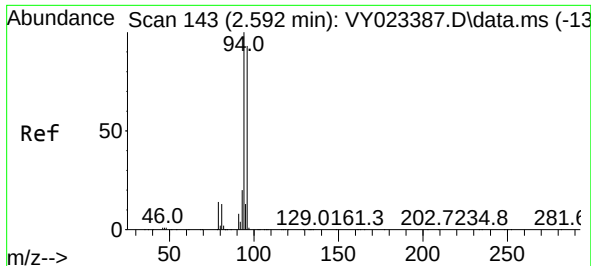
Tgt Ion: 50 Resp: 62413
Ion Ratio Lower Upper
50 100
52 31.2 26.2 39.2



#4
Vinyl Chloride
Concen: 9.676 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 62 Resp: 76587
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8

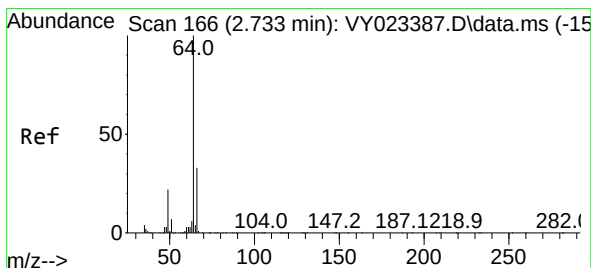
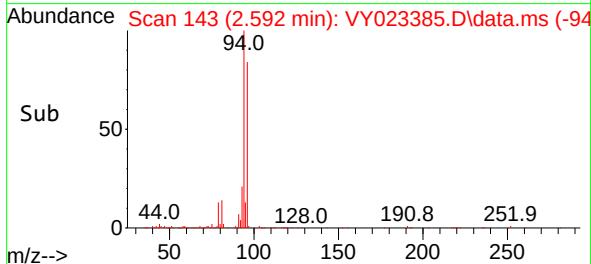
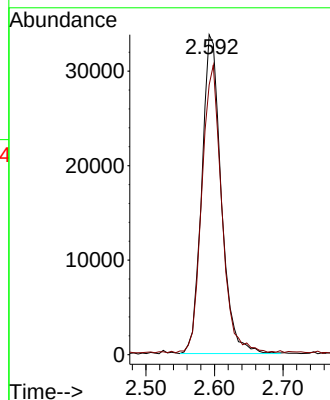
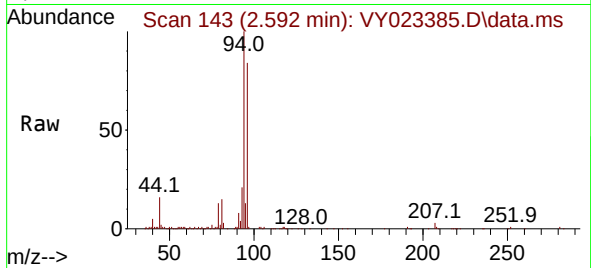




#5
Bromomethane
Concen: 10.271 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

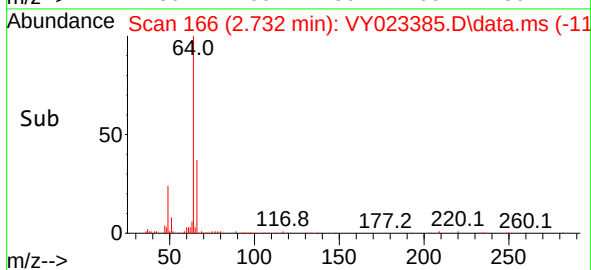
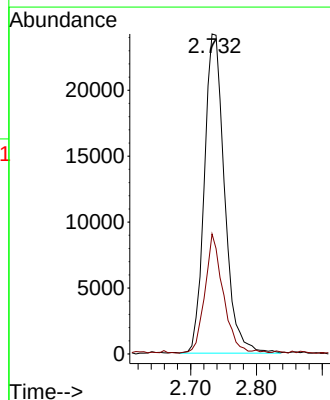
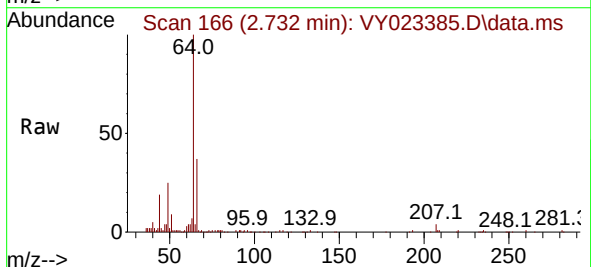
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

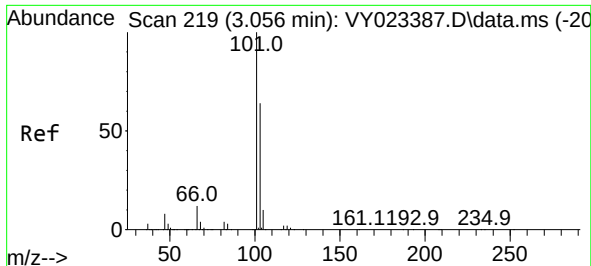
Tgt Ion: 94 Resp: 66689
Ion Ratio Lower Upper
94 100
96 83.4 74.5 111.7



#6
Chloroethane
Concen: 9.632 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 64 Resp: 51757
Ion Ratio Lower Upper
64 100
66 37.2 26.2 39.4

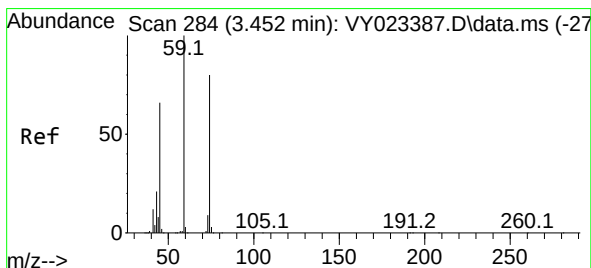
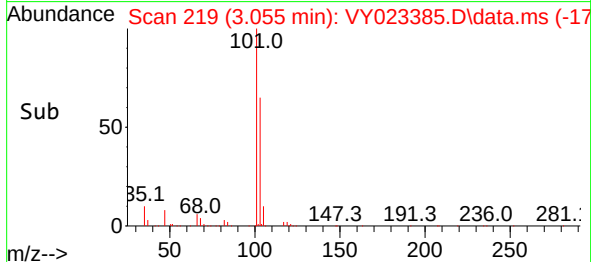
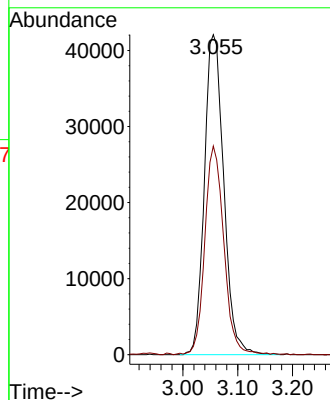
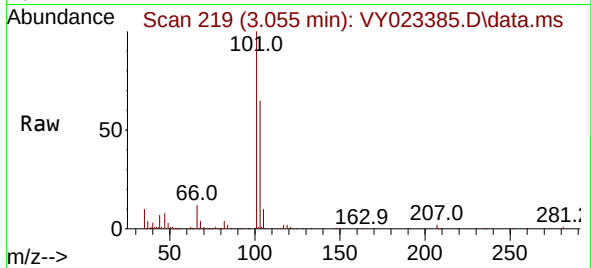




#7
 Trichlorofluoromethane
 Concen: 10.128 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023385.D
 Acq: 07 Oct 2025 10:02

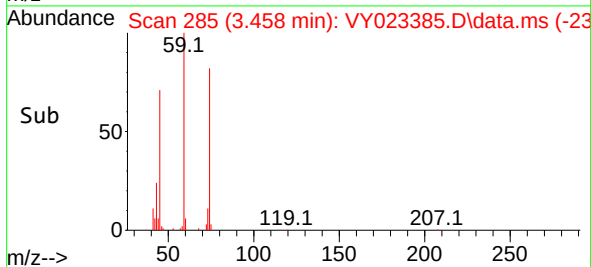
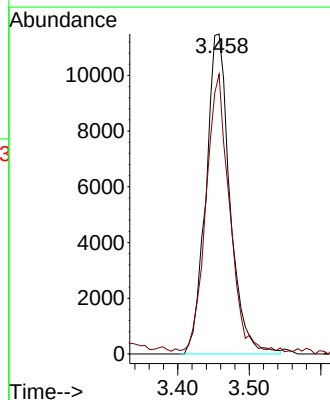
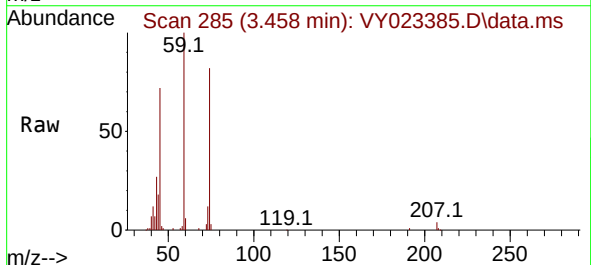
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

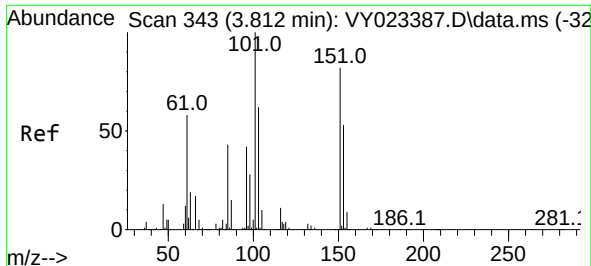
Tgt Ion:101 Resp: 102972
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 10.047 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023385.D
 Acq: 07 Oct 2025 10:02

Tgt Ion: 74 Resp: 26719
 Ion Ratio Lower Upper
 74 100
 45 83.5 39.9 119.7

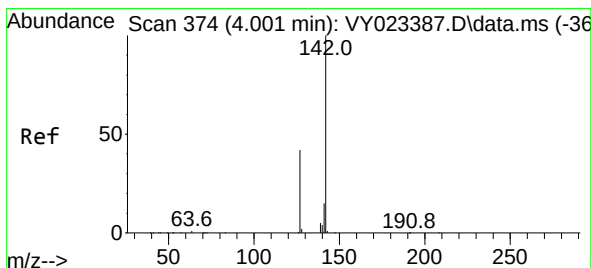
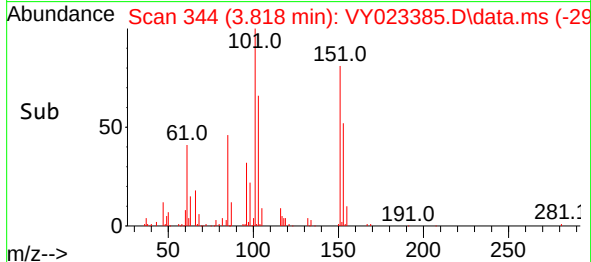
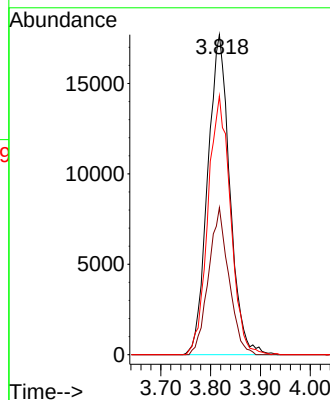
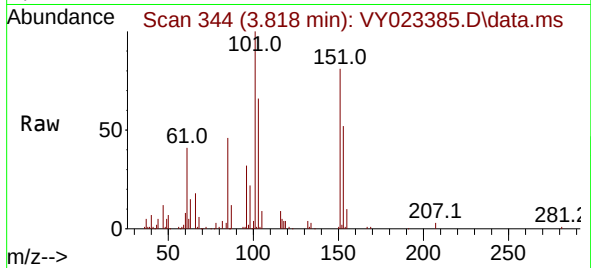




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.011 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

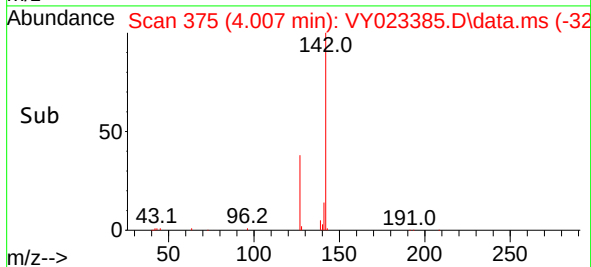
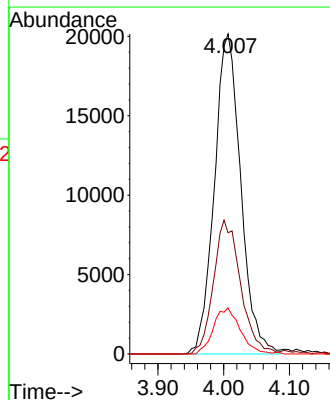
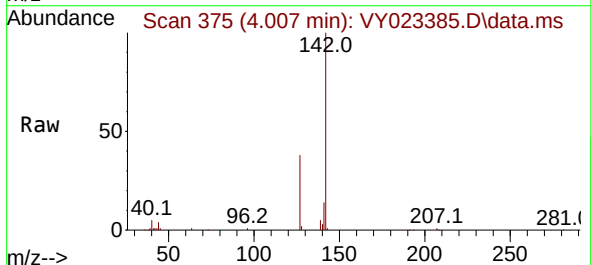
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

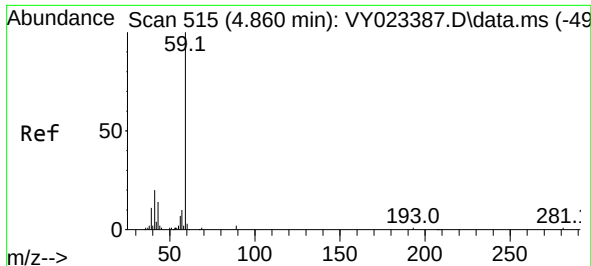
Tgt Ion:101 Resp: 54405
Ion Ratio Lower Upper
101 100
85 42.2 34.6 51.8
151 82.7 67.0 100.6



#10
Methyl Iodide
Concen: 8.967 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:142 Resp: 56313
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.6 11.6 17.4

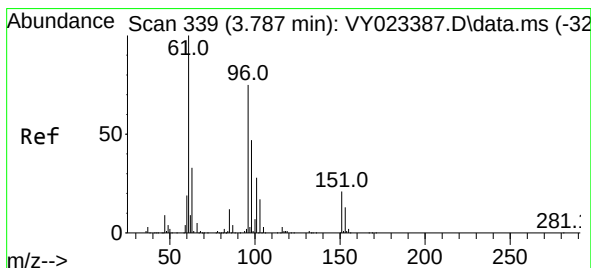
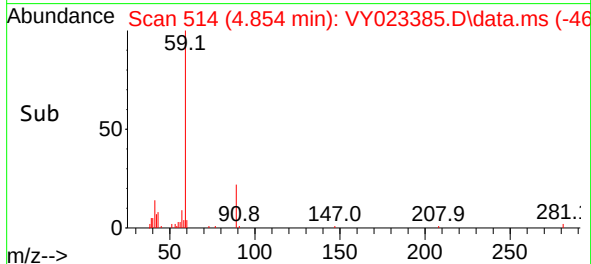
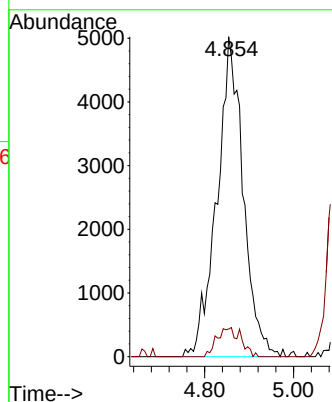
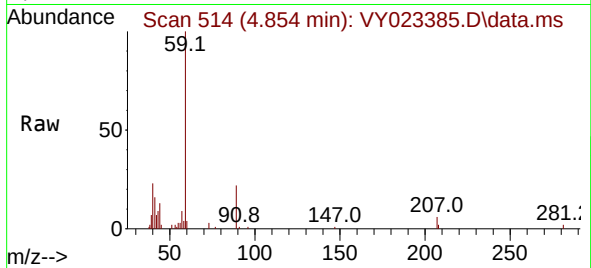




#11
Tert butyl alcohol
Concen: 71.998 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

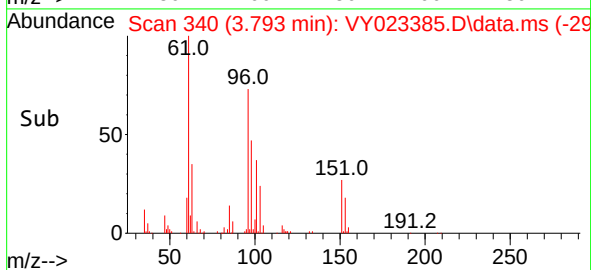
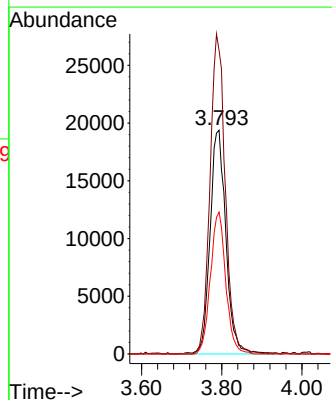
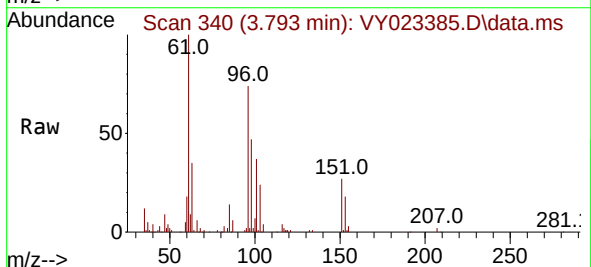
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

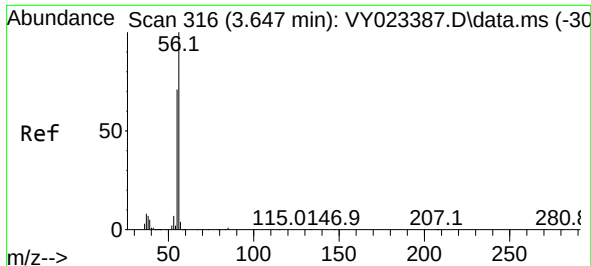
Tgt Ion: 59 Resp: 20540
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 10.173 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 96 Resp: 53191
Ion Ratio Lower Upper
96 100
61 135.7 106.7 160.1
98 63.4 50.2 75.4

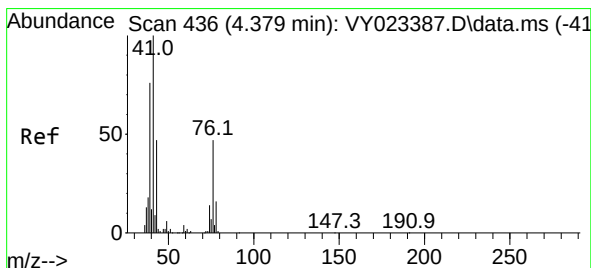
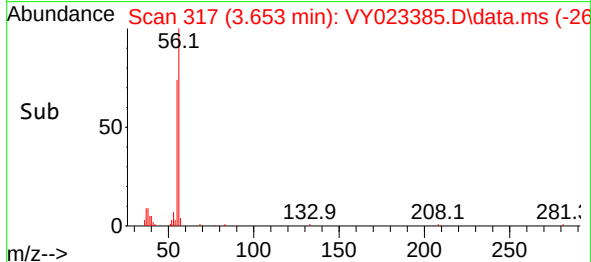
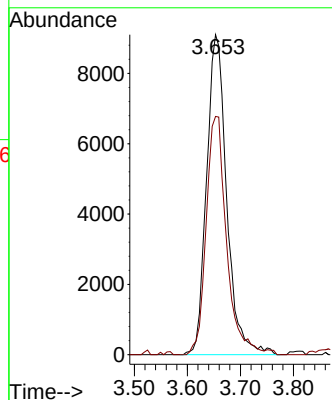
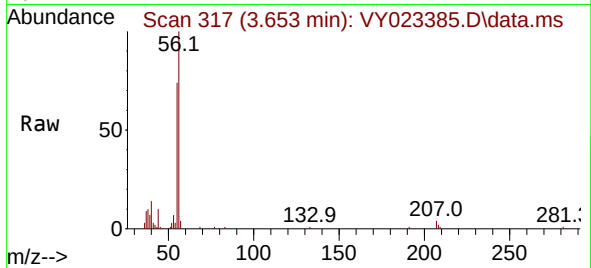




#13
Acrolein
Concen: 49.681 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

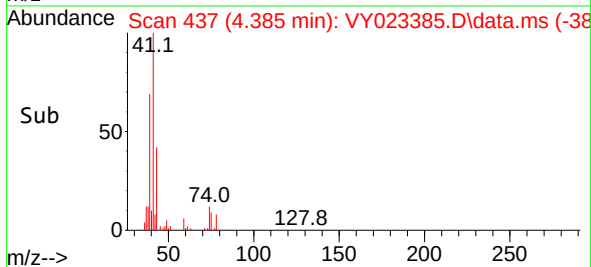
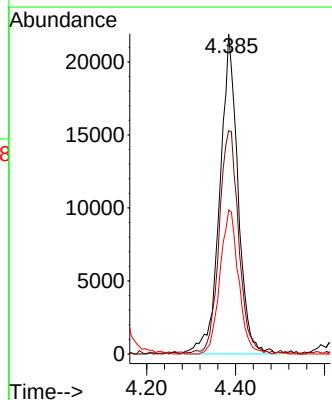
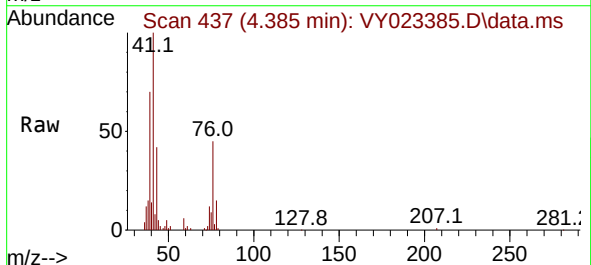
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

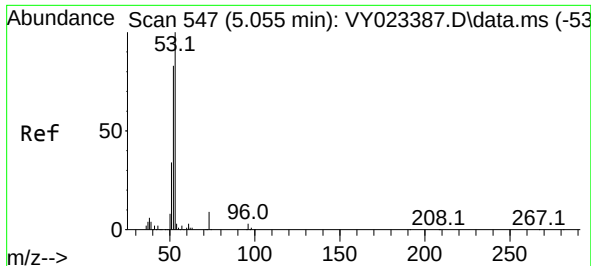
Tgt Ion: 56 Resp: 24014
Ion Ratio Lower Upper
56 100
55 75.2 56.1 84.1



#14
Allyl chloride
Concen: 9.494 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 62154
Ion Ratio Lower Upper
41 100
39 74.2 59.9 89.9
76 45.9 38.0 57.0

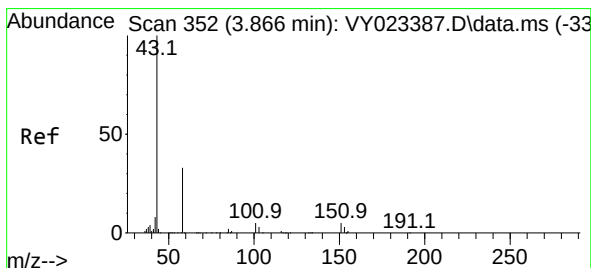
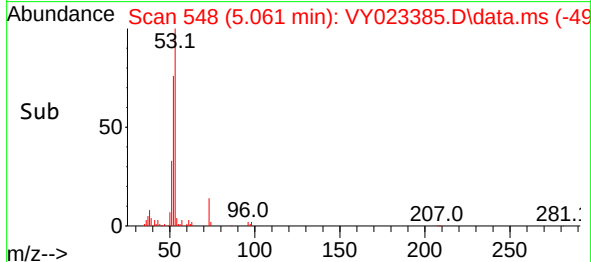
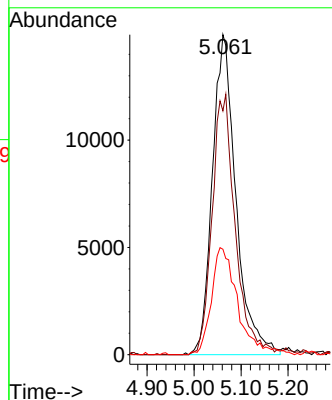
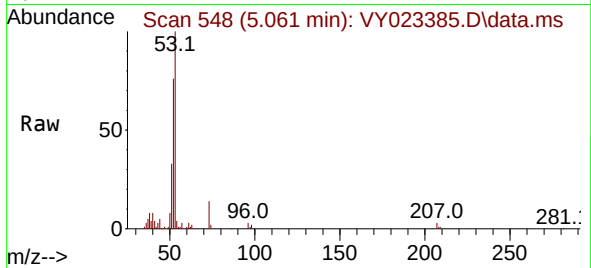




#15
Acrylonitrile
Concen: 49.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

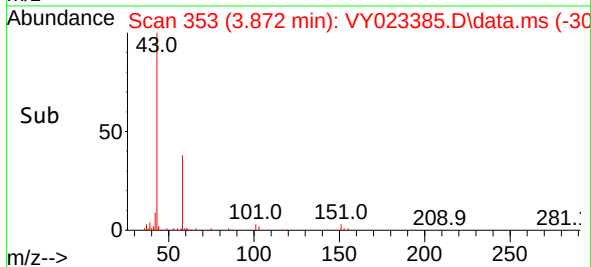
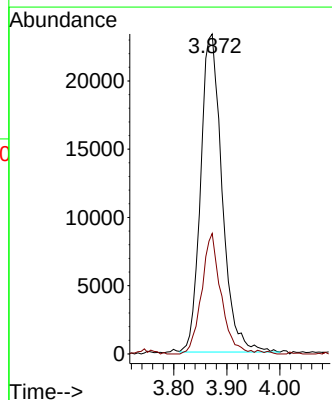
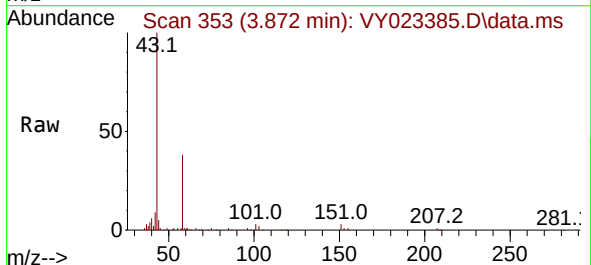
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

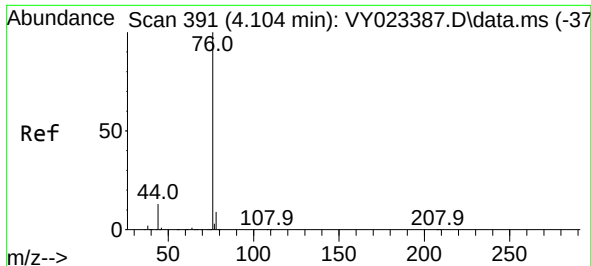
Tgt Ion: 53 Resp: 51937
Ion Ratio Lower Upper
53 100
52 79.5 64.6 97.0
51 37.4 29.5 44.3



#16
Acetone
Concen: 59.997 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 65410
Ion Ratio Lower Upper
43 100
58 37.9 27.7 41.5

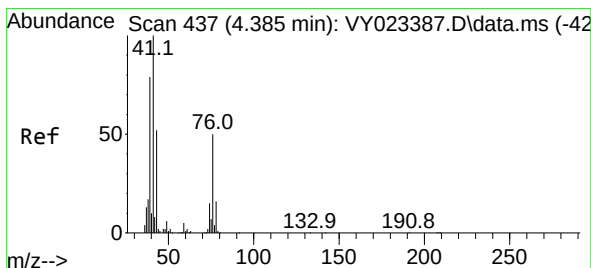
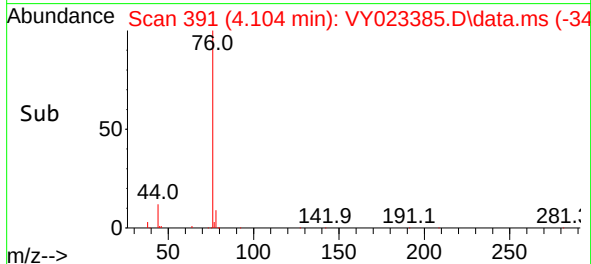
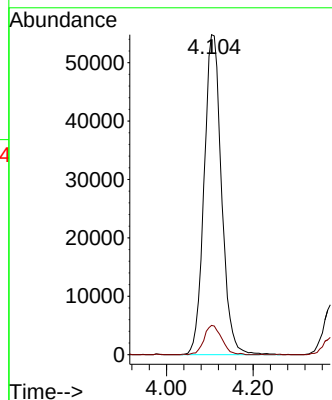
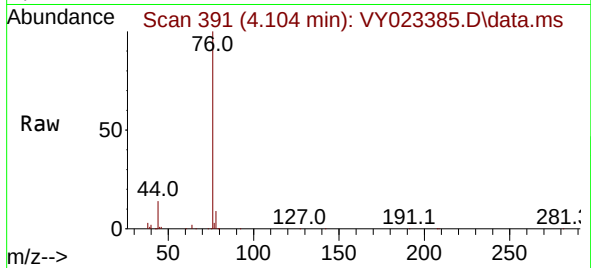




#17
Carbon Disulfide
Concen: 9.382 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

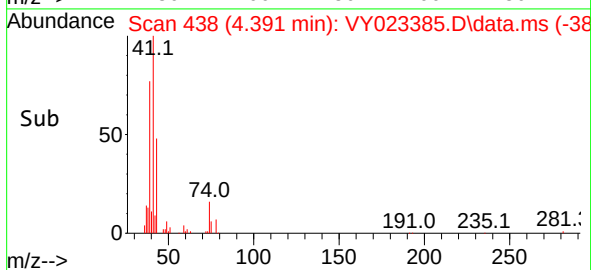
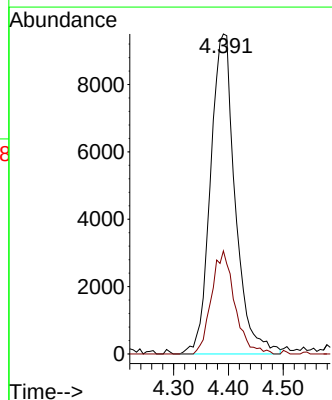
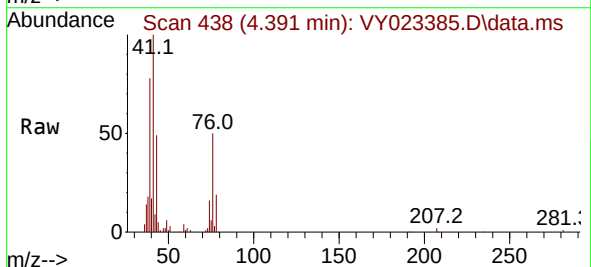
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

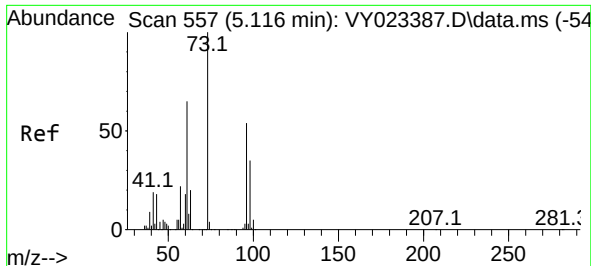
Tgt Ion: 76 Resp: 153055
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 10.728 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 29725
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 9.830 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

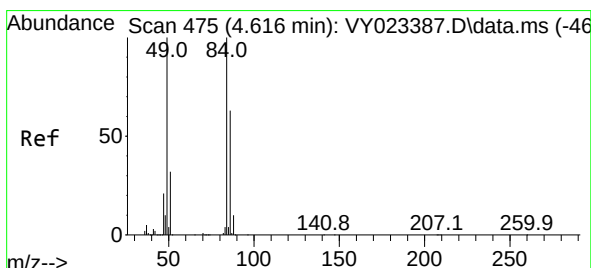
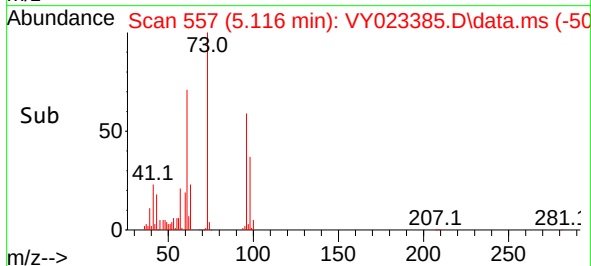
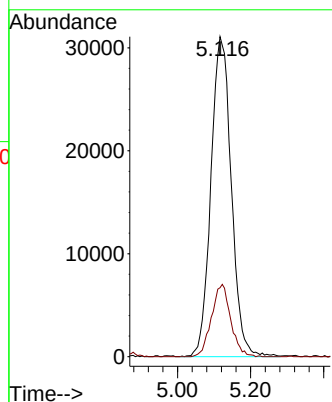
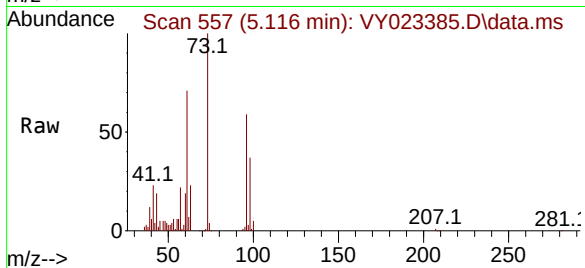
VSTDICC010

Tgt Ion: 73 Resp: 120347

Ion Ratio Lower Upper

73 100

57 21.5 17.4 26.0



#20

Methylene Chloride

Concen: 12.016 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Tgt Ion: 84 Resp: 71034

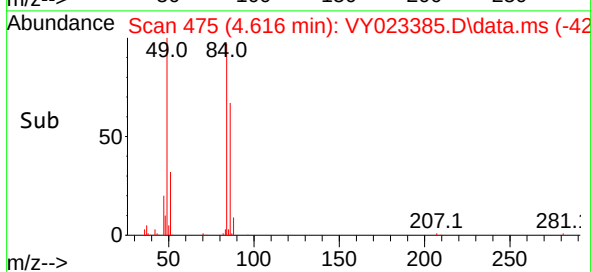
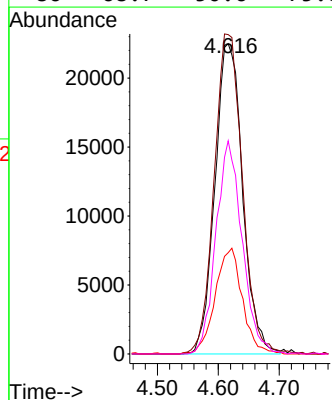
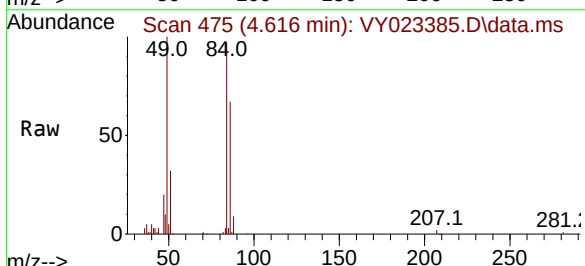
Ion Ratio Lower Upper

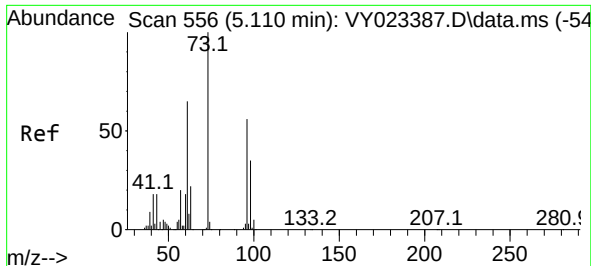
84 100

49 102.9 80.2 120.4

51 32.6 25.9 38.9

86 68.7 50.6 75.8

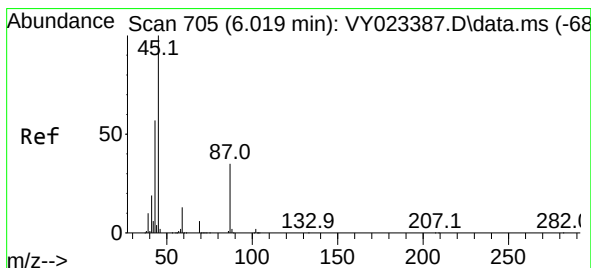
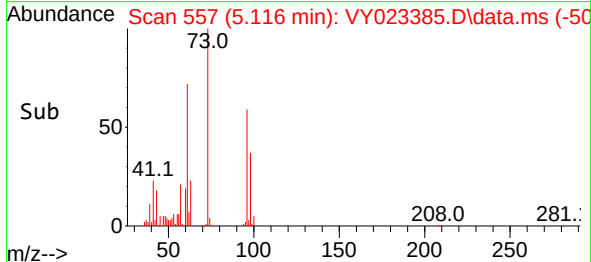
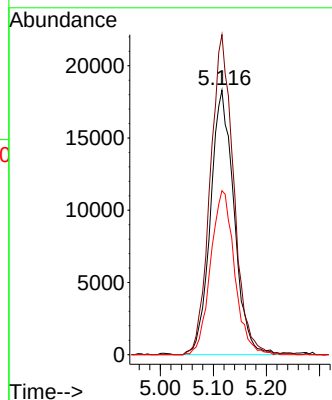
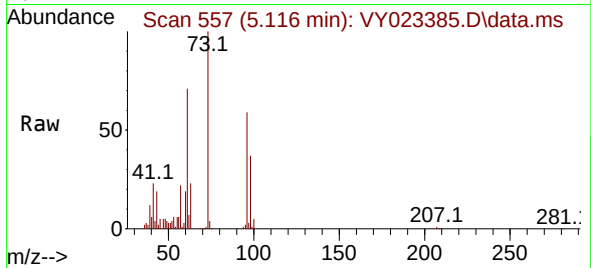




#21
trans-1,2-Dichloroethene
Concen: 9.710 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

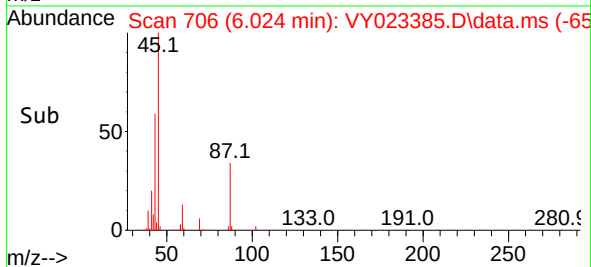
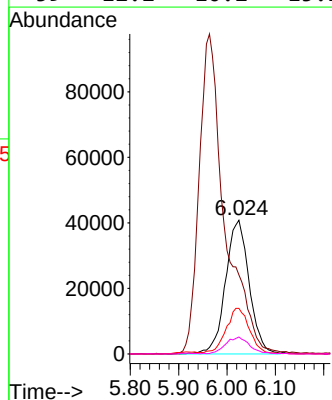
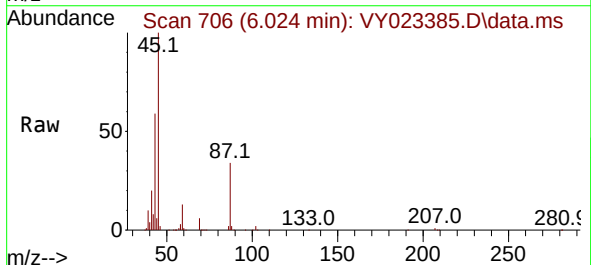
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

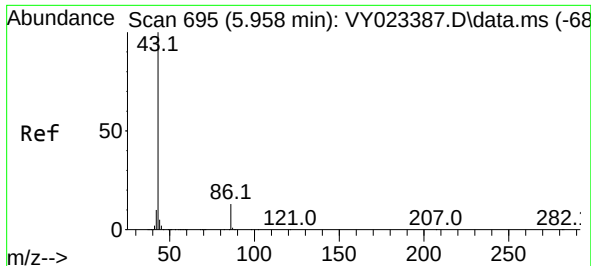
Tgt Ion: 96 Resp: 56465
Ion Ratio Lower Upper
96 100
61 121.0 92.7 139.1
98 62.0 49.7 74.5



#22
Diisopropyl ether
Concen: 9.547 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 45 Resp: 138589
Ion Ratio Lower Upper
45 100
43 58.2 45.6 68.4
87 33.7 28.1 42.1
59 12.2 10.2 15.2

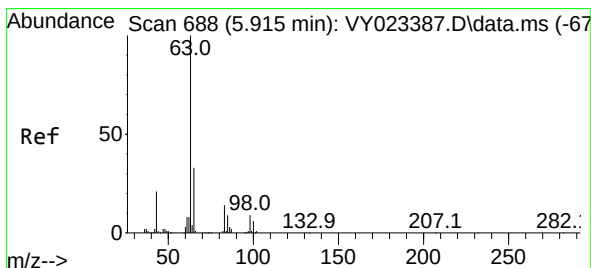
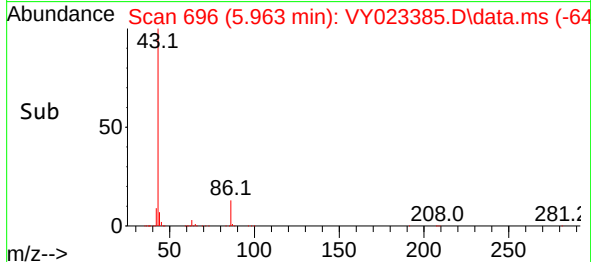
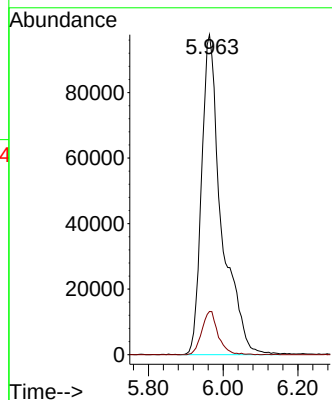
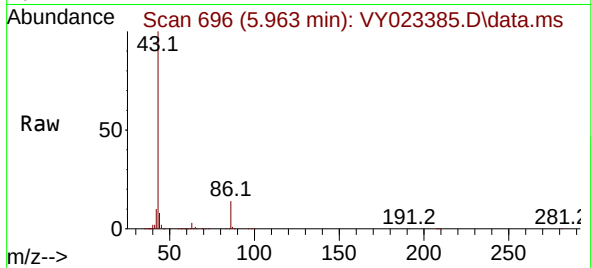




#23
 Vinyl Acetate
 Concen: 45.300 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023385.D
 Acq: 07 Oct 2025 10:02

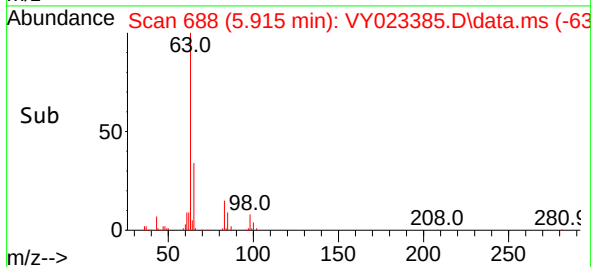
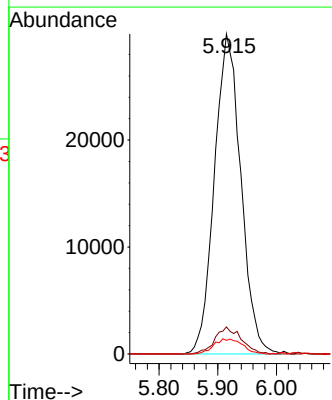
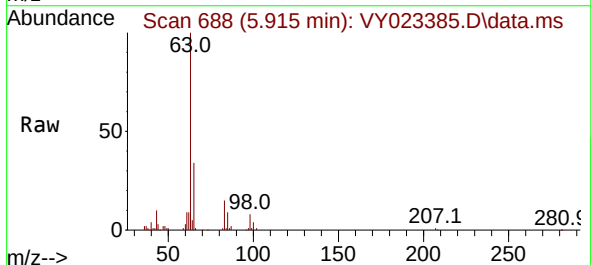
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

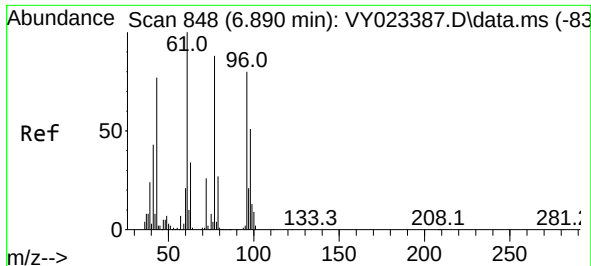
Tgt Ion: 43 Resp: 361478
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 9.772 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023385.D
 Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 93512
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 13.1
 100 4.3 2.8 8.4

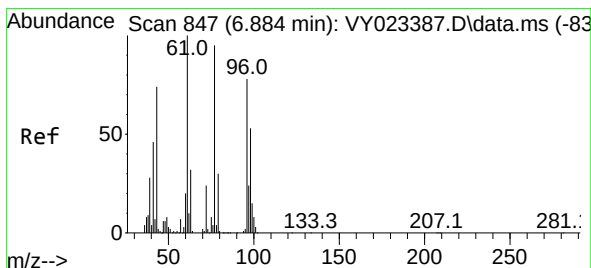
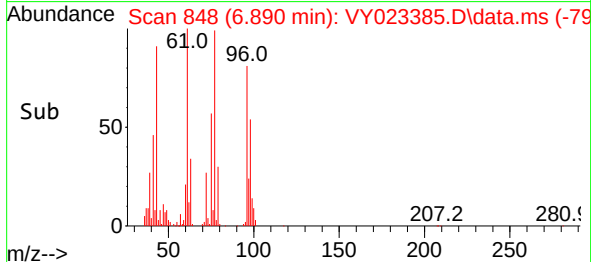
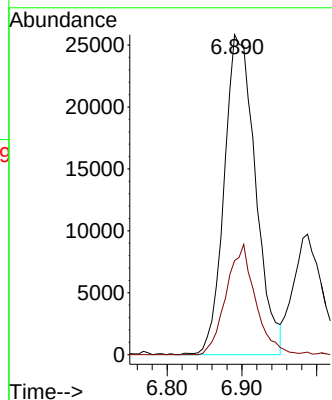
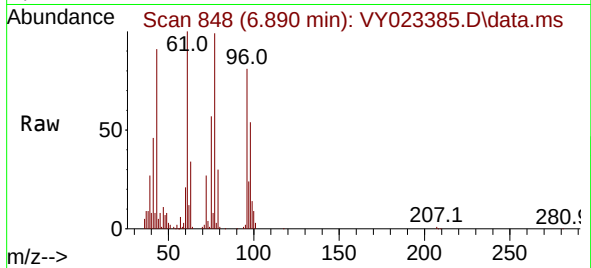




#25
2-Butanone
Concen: 55.784 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

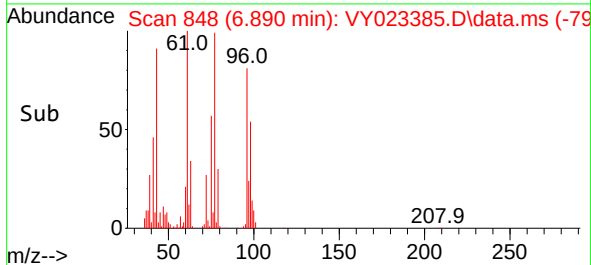
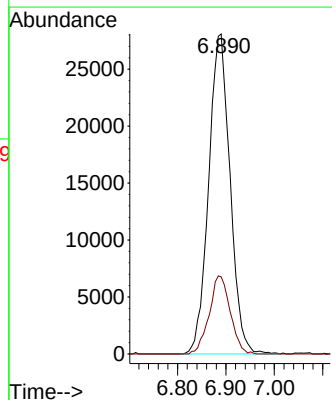
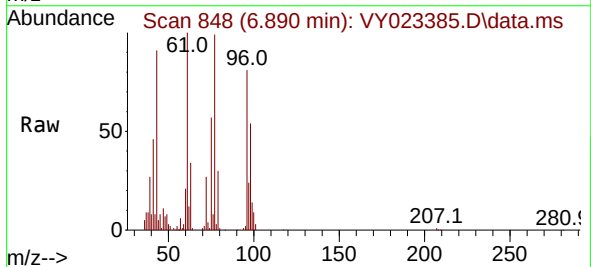
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

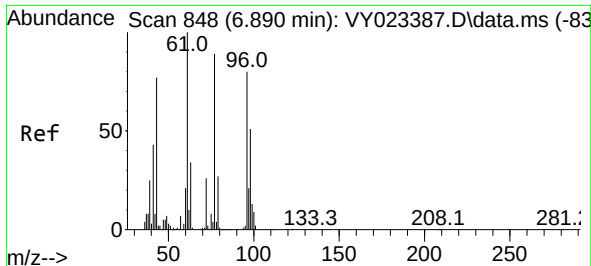
Tgt Ion: 43 Resp: 75171
Ion Ratio Lower Upper
43 100
72 29.4 27.4 41.2



#26
2,2-Dichloropropane
Concen: 10.153 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 77 Resp: 86325
Ion Ratio Lower Upper
77 100
97 23.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 9.905 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

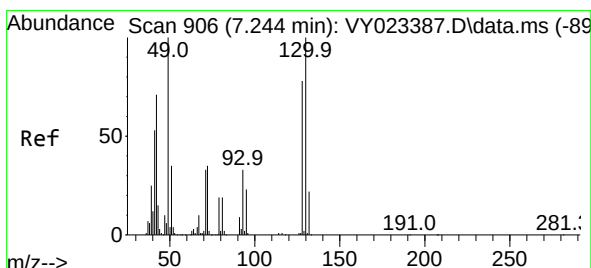
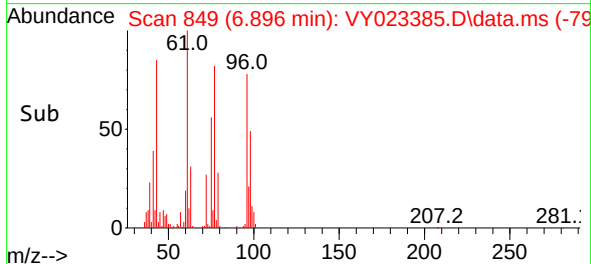
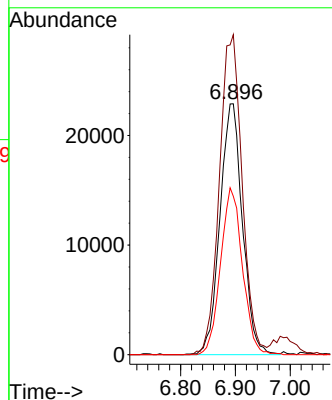
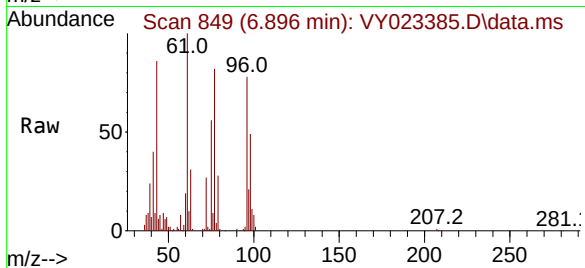
Tgt Ion: 96 Resp: 65335

Ion Ratio Lower Upper

96 100

61 129.1 0.0 258.2

98 64.5 0.0 132.0



#28

Bromochloromethane

Concen: 9.733 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

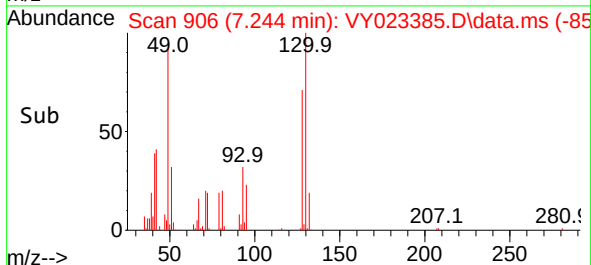
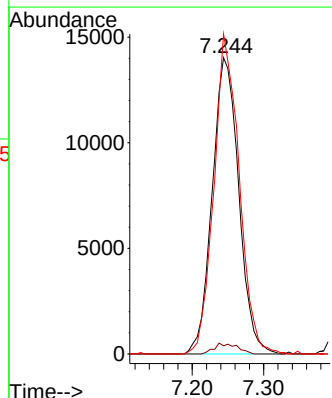
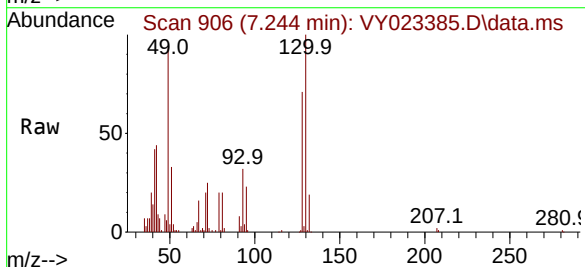
Tgt Ion: 49 Resp: 36132

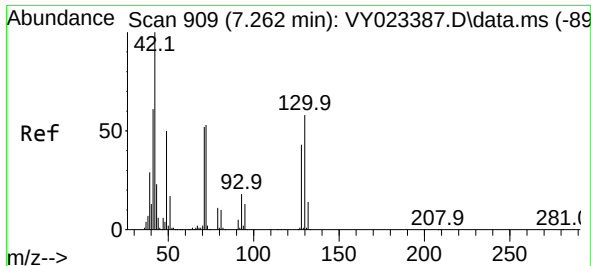
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.6

130 103.0 81.9 122.9





#29

Tetrahydrofuran

Concen: 48.749 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

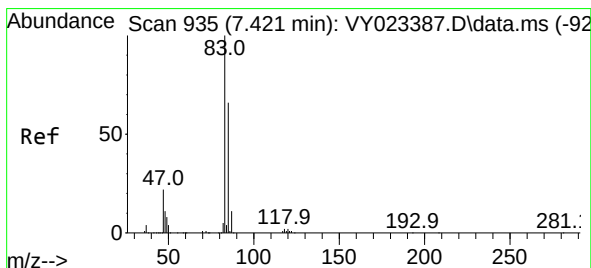
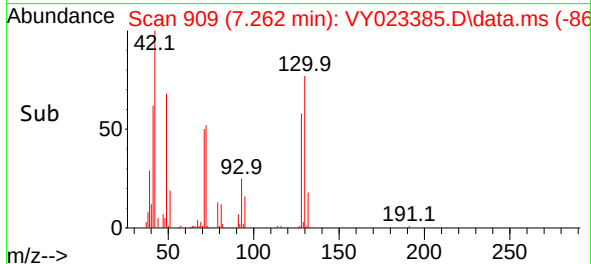
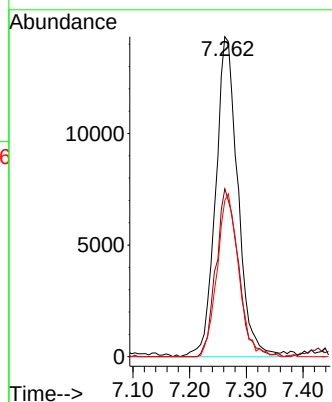
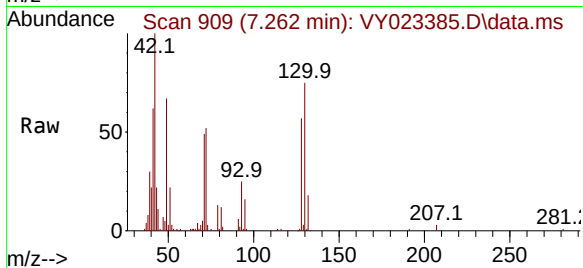
Tgt Ion: 42 Resp: 38990

Ion Ratio Lower Upper

42 100

72 52.6 43.0 64.6

71 49.8 40.1 60.1



#30

Chloroform

Concen: 9.890 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023385.D

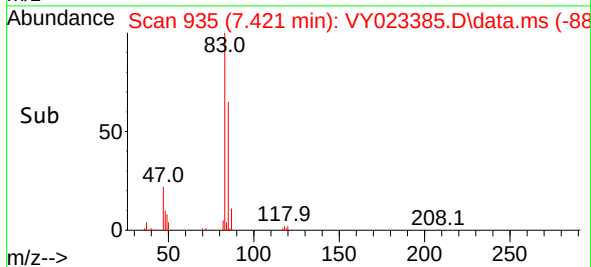
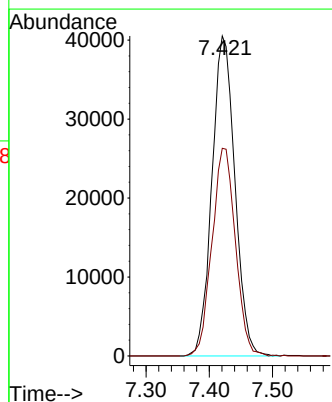
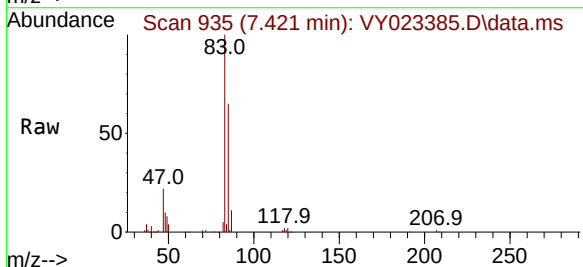
Acq: 07 Oct 2025 10:02

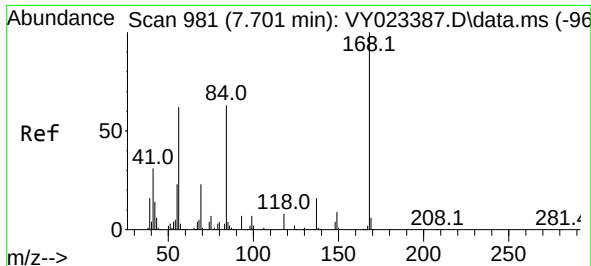
Tgt Ion: 83 Resp: 102058

Ion Ratio Lower Upper

83 100

85 64.9 52.5 78.7

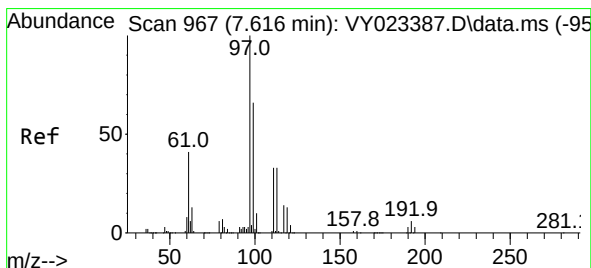
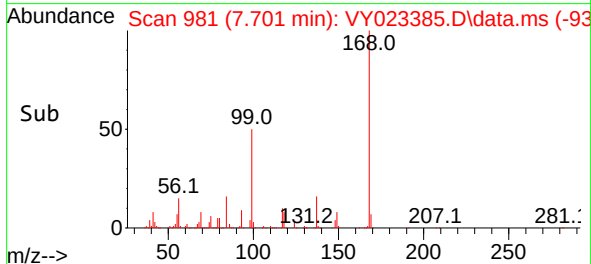
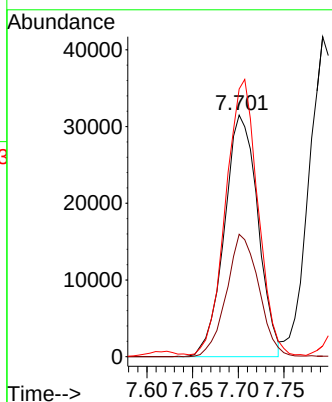
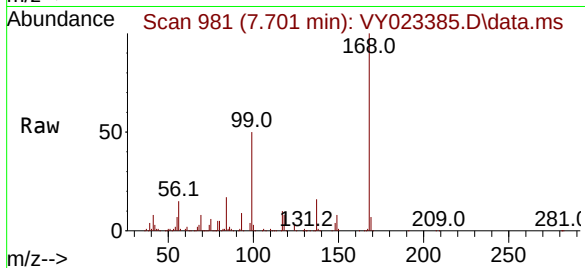




#31
Cyclohexane
Concen: 9.495 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

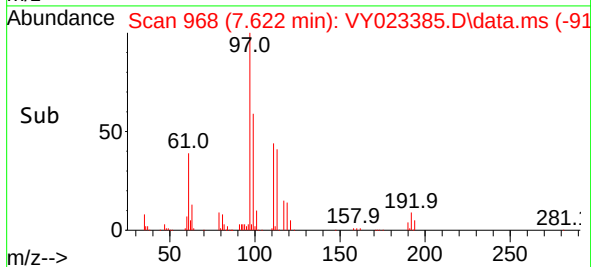
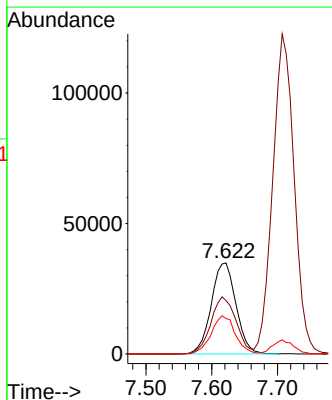
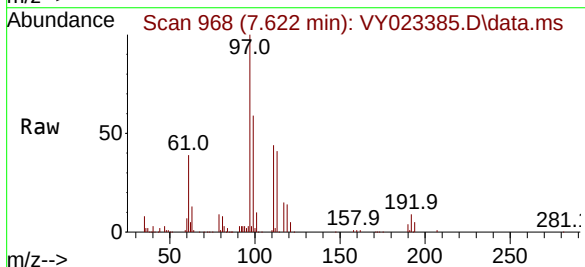
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

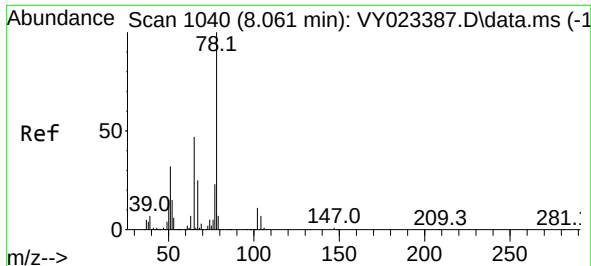
Tgt Ion: 56 Resp: 80245
Ion Ratio Lower Upper
56 100
69 50.5 30.0 45.0#
84 109.7 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 9.844 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 97 Resp: 91186
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 41.0 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 10.071 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

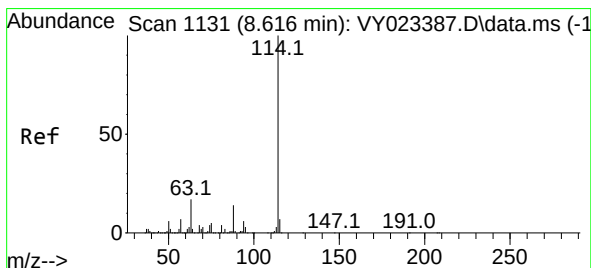
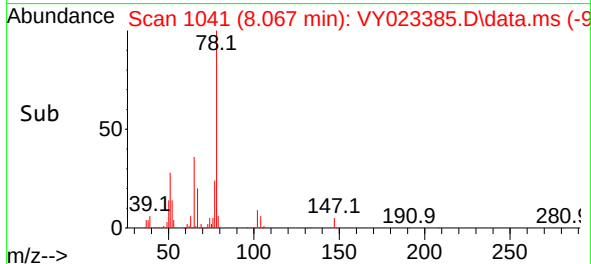
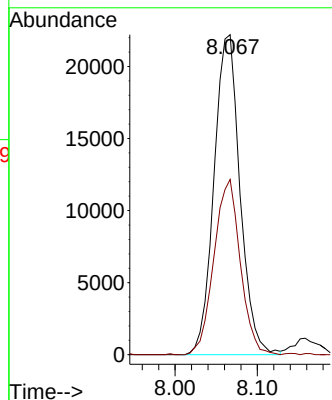
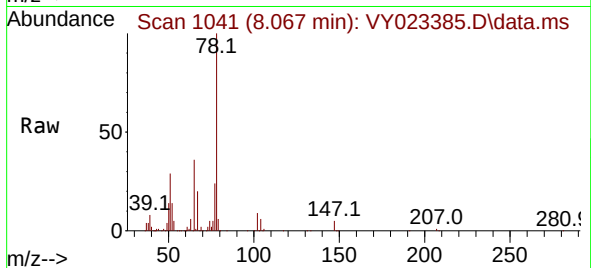
VSTDICC010

Tgt Ion: 65 Resp: 48826

Ion Ratio Lower Upper

65 100

67 55.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

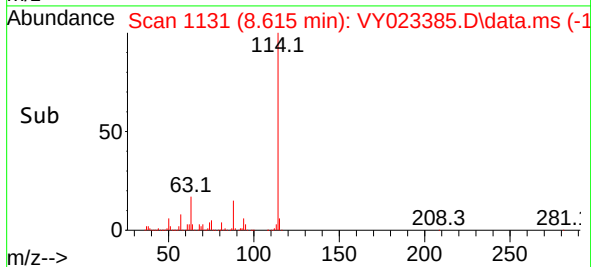
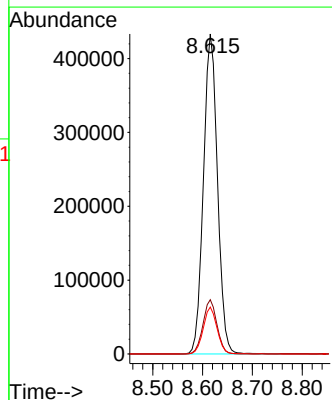
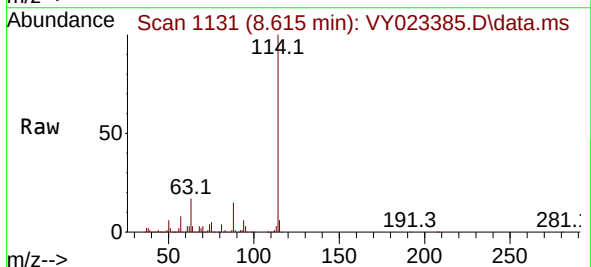
Tgt Ion: 114 Resp: 847077

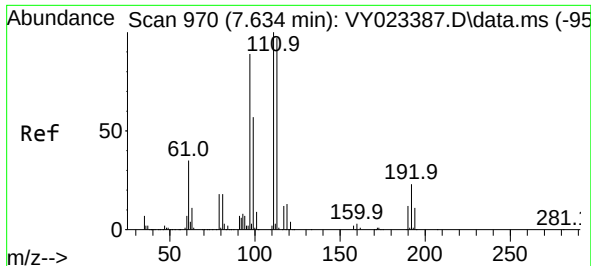
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.2

88 14.7 0.0 28.4

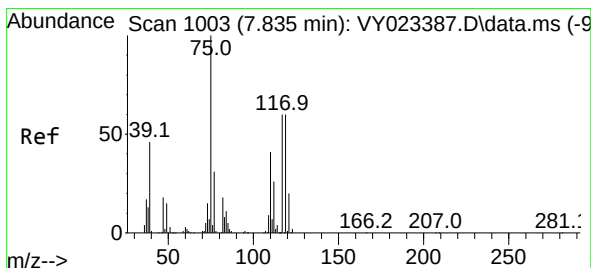
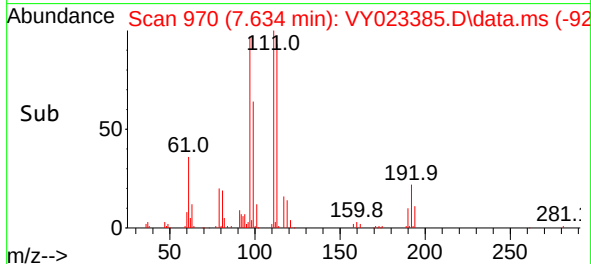
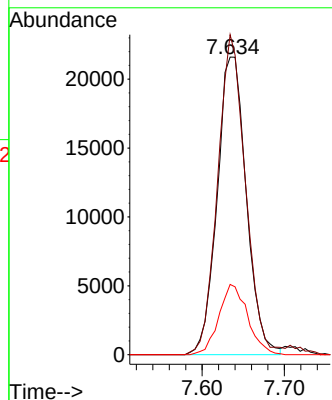
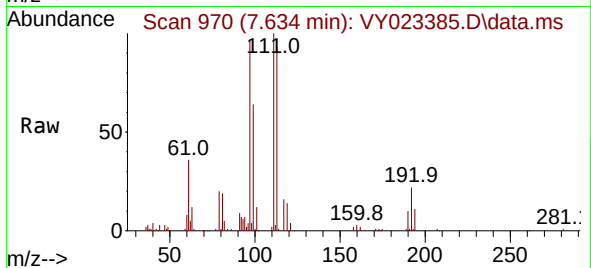




#35
Dibromofluoromethane
Concen: 10.364 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

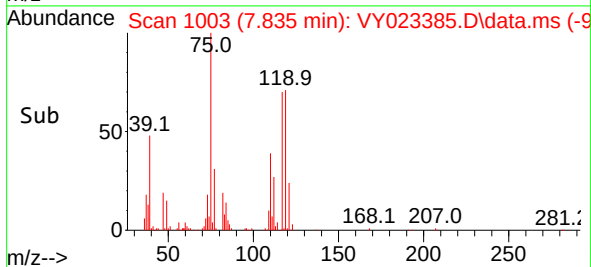
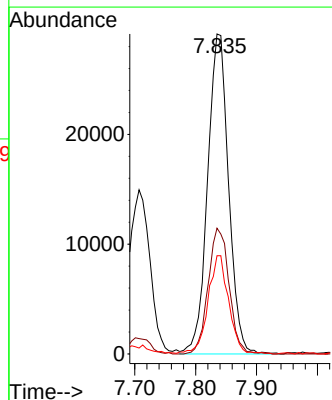
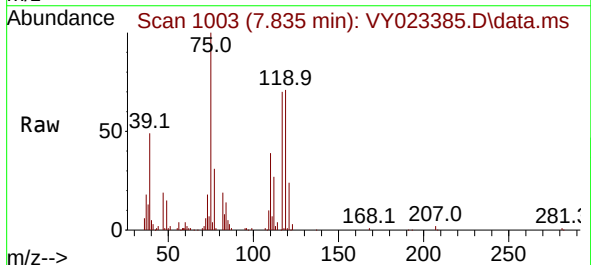
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

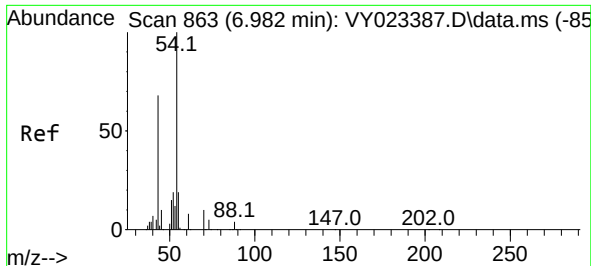
Tgt Ion:113 Resp: 53279
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 23.3 18.0 27.0



#36
1,1-Dichloropropene
Concen: 9.639 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 69913
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.7
77 30.4 25.0 37.6





#37

Ethyl Acetate

Concen: 9.551 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

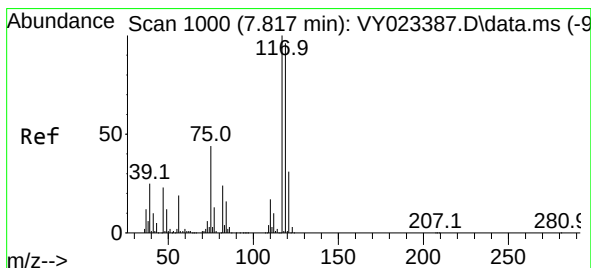
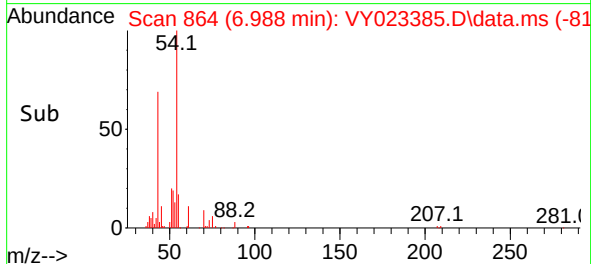
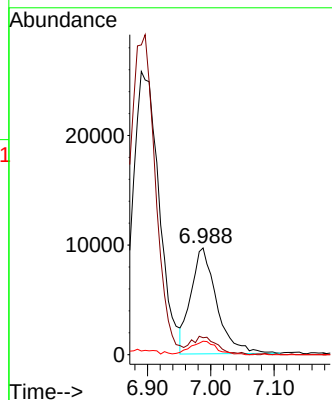
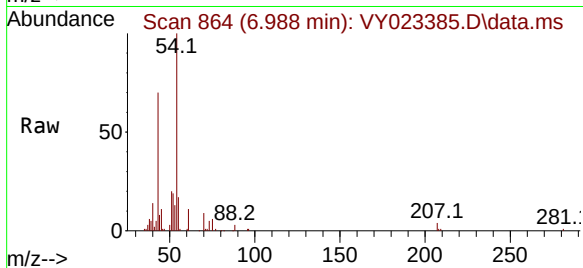
Tgt Ion: 43 Resp: 27388

Ion Ratio Lower Upper

43 100

61 17.3 11.8 17.8

70 12.8 10.5 15.7



#38

Carbon Tetrachloride

Concen: 10.065 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

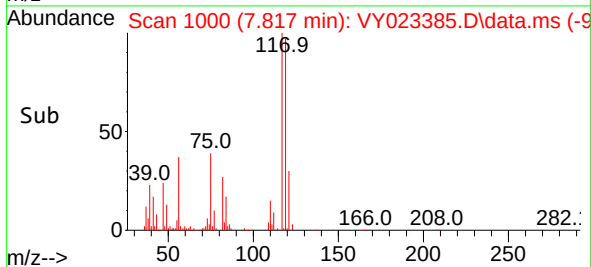
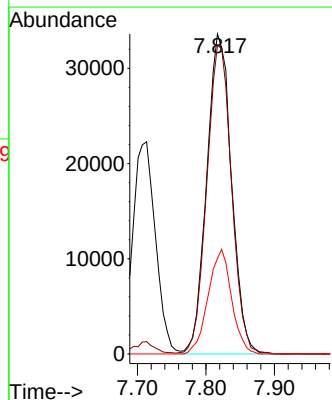
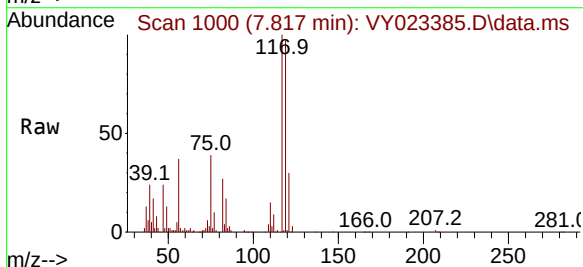
Tgt Ion: 117 Resp: 84799

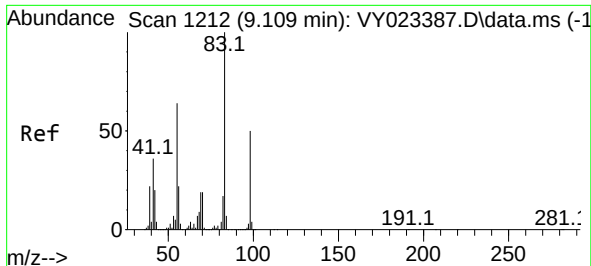
Ion Ratio Lower Upper

117 100

119 96.5 76.8 115.2

121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 8.860 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

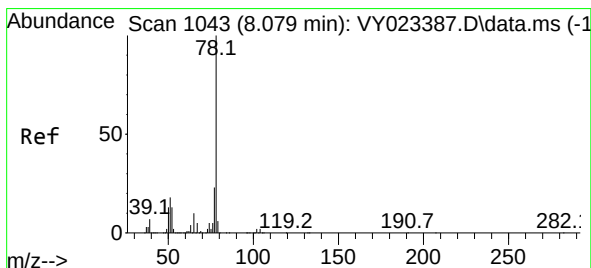
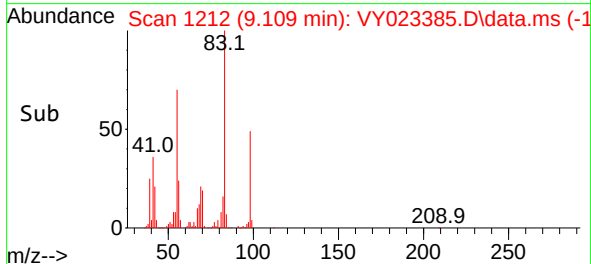
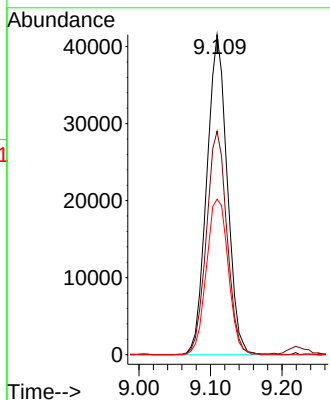
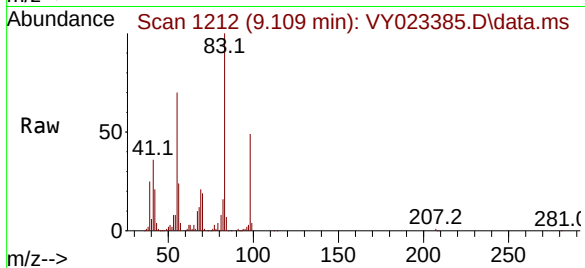
Tgt Ion: 83 Resp: 82275

Ion Ratio Lower Upper

83 100

55 69.7 51.4 77.2

98 48.6 40.4 60.6



#40

Benzene

Concen: 9.758 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023385.D

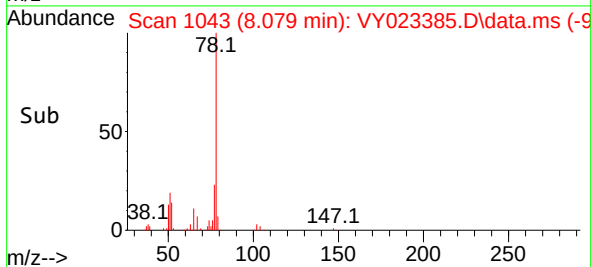
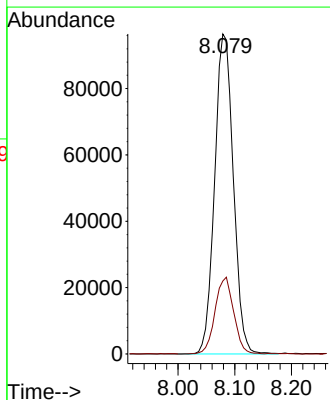
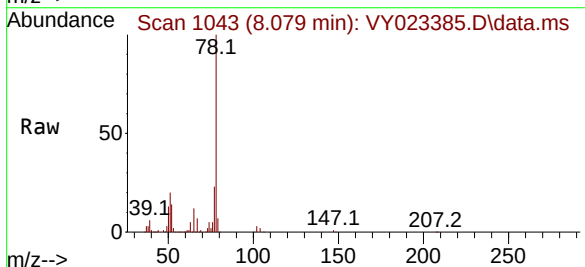
Acq: 07 Oct 2025 10:02

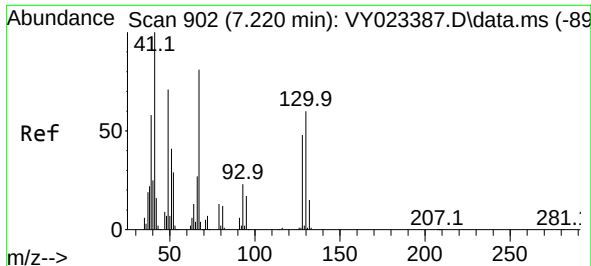
Tgt Ion: 78 Resp: 220629

Ion Ratio Lower Upper

78 100

77 22.8 18.3 27.5

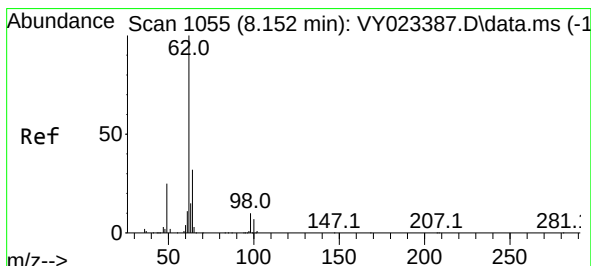
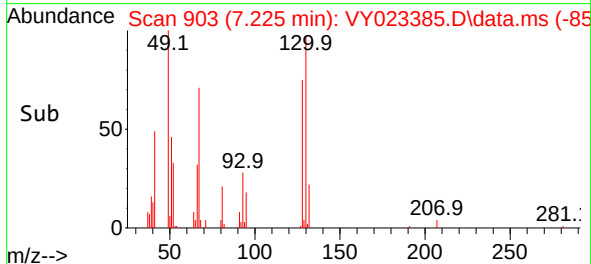
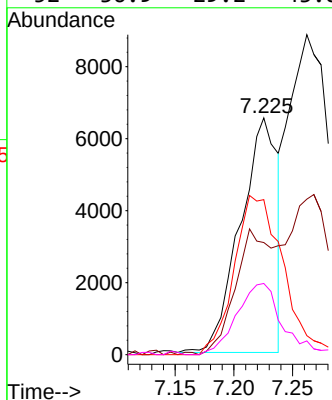
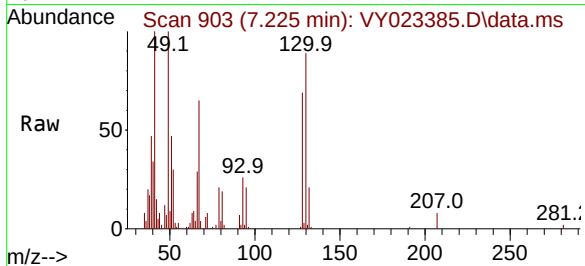




#41
Methacrylonitrile
Concen: 9.632 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

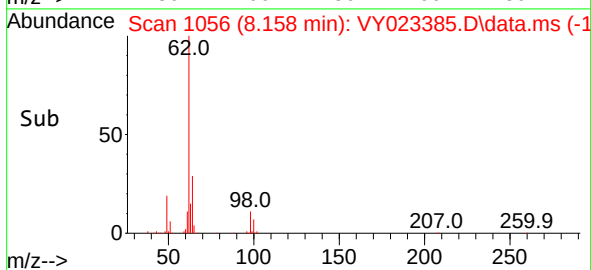
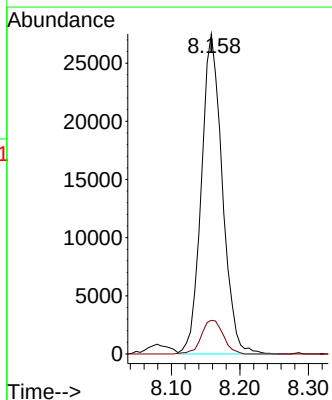
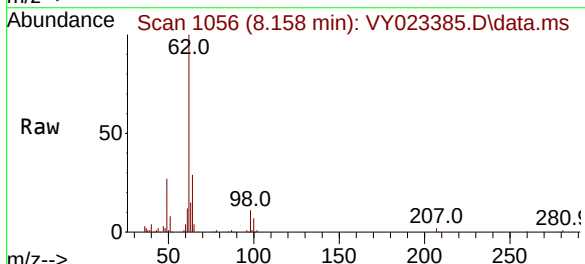
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

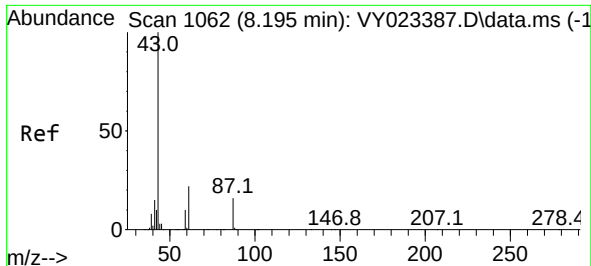
Tgt Ion:	41	Resp:	14344
Ion	Ratio	Lower	Upper
41	100		
39	49.9	52.2	78.4#
67	90.2	74.9	112.3
52	36.9	29.2	43.8



#42
1,2-Dichloroethane
Concen: 10.174 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:	62	Resp:	58541
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6

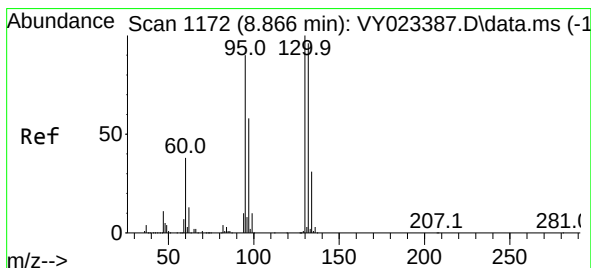
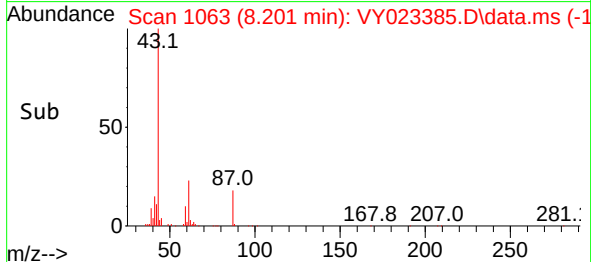
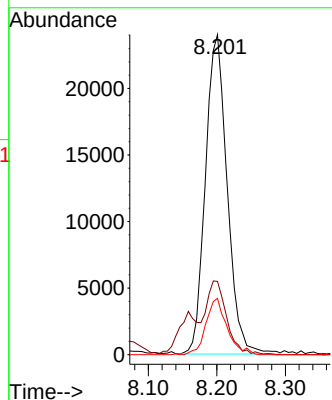
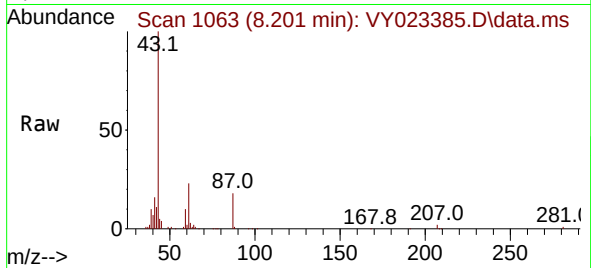




#43
Isopropyl Acetate
Concen: 9.510 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

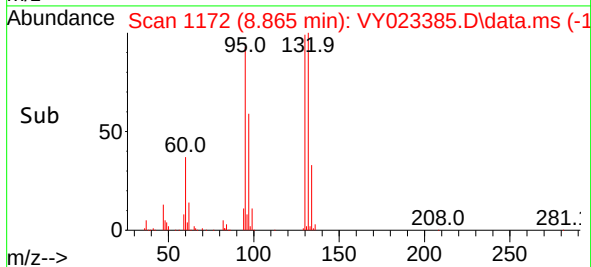
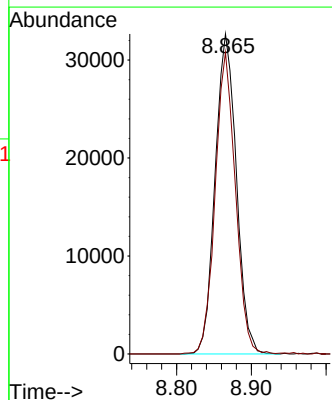
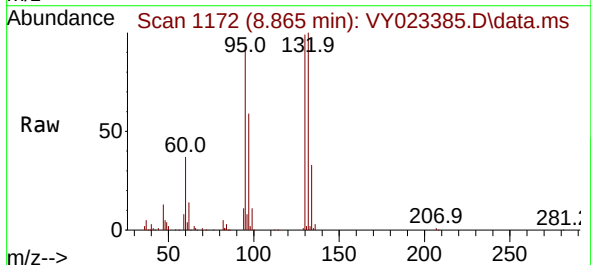
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

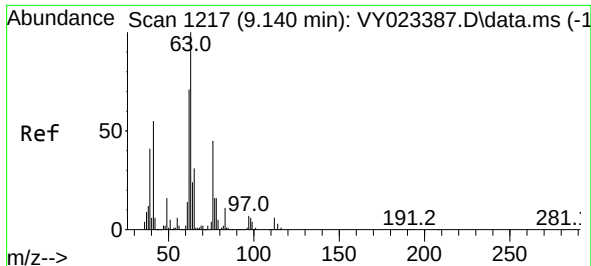
Tgt Ion: 43 Resp: 53042
Ion Ratio Lower Upper
43 100
61 21.4 18.1 27.1
87 17.0 13.5 20.3



#44
Trichloroethene
Concen: 10.171 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:130 Resp: 64537
Ion Ratio Lower Upper
130 100
95 94.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 9.632 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

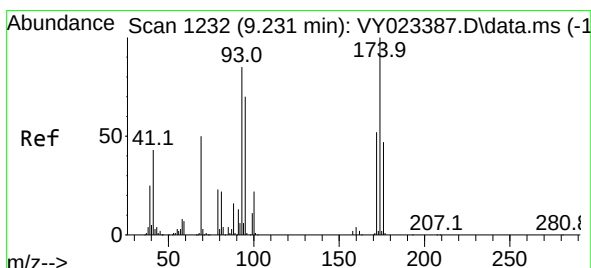
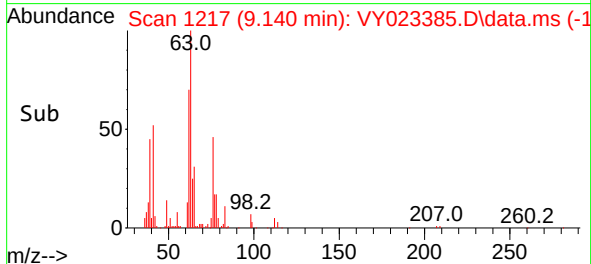
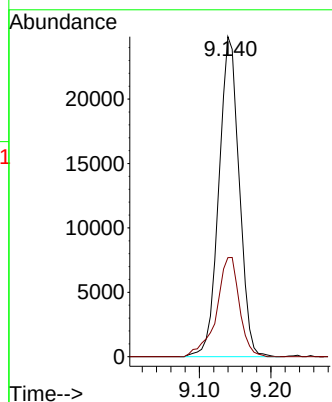
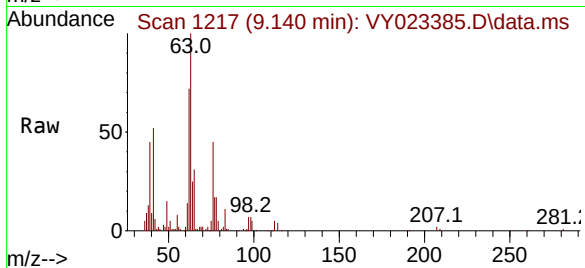
VSTDIC010

Tgt Ion: 63 Resp: 49009

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 9.890 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

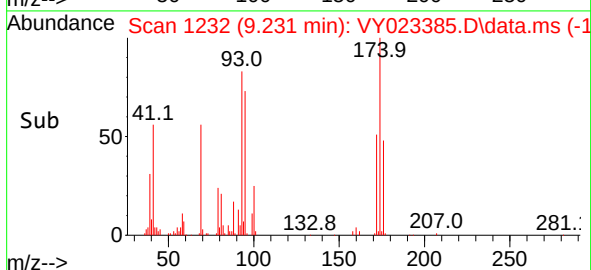
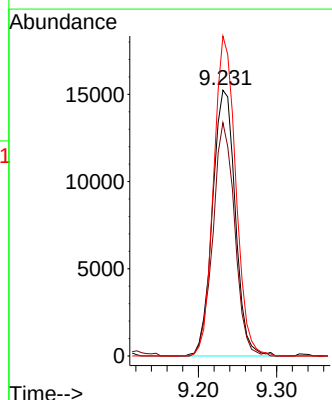
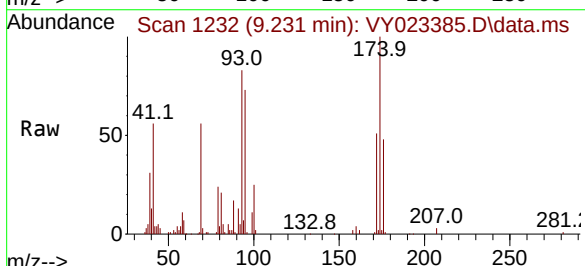
Tgt Ion: 93 Resp: 30780

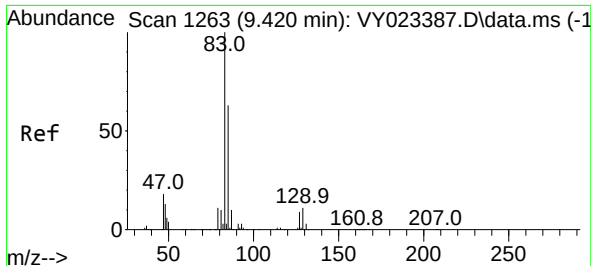
Ion Ratio Lower Upper

93 100

95 83.7 65.4 98.0

174 116.7 92.9 139.3

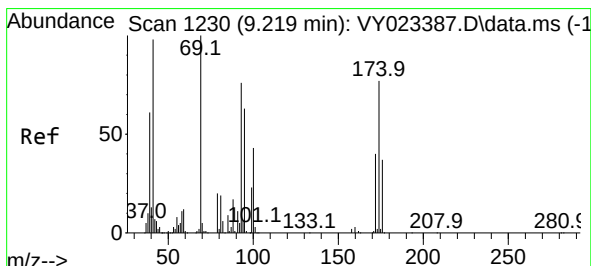
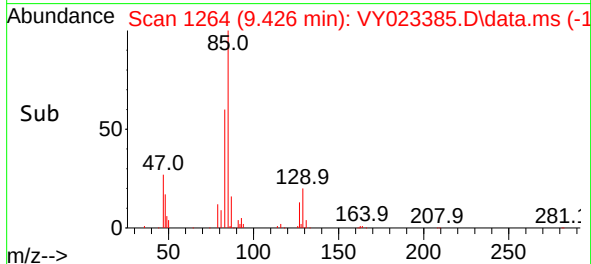
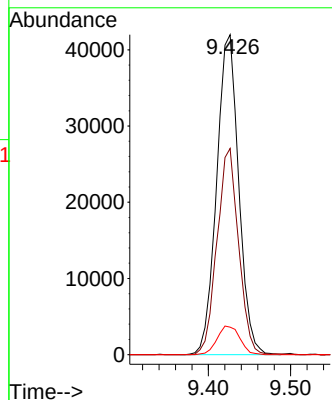
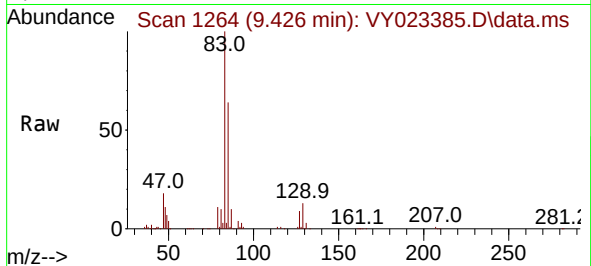




#47
Bromodichloromethane
Concen: 10.007 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

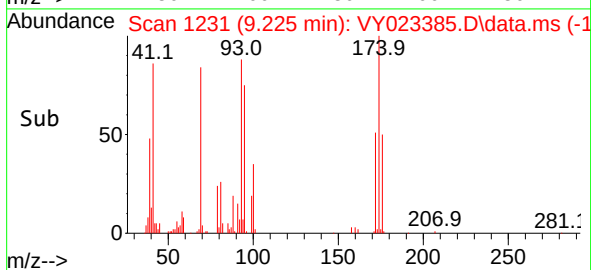
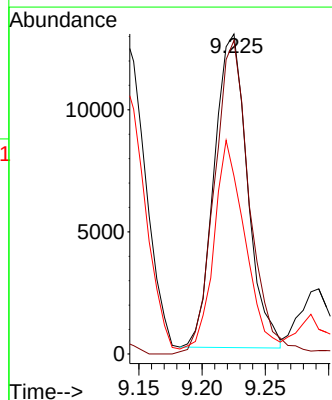
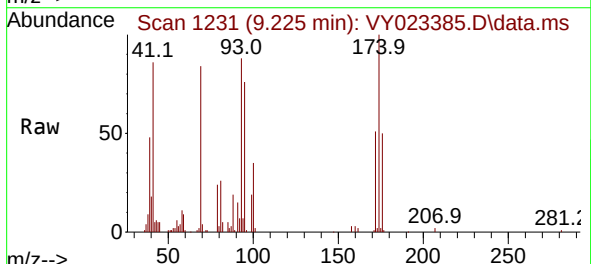
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

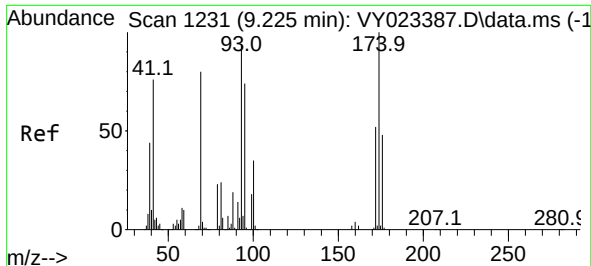
Tgt Ion: 83 Resp: 78392
Ion Ratio Lower Upper
83 100
85 64.5 50.8 76.2
127 8.6 7.4 11.2



#48
Methyl methacrylate
Concen: 9.023 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 23484
Ion Ratio Lower Upper
41 100
69 105.8 81.0 121.4
39 61.4 48.2 72.4





#49

1,4-Dioxane

Concen: 211.693 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

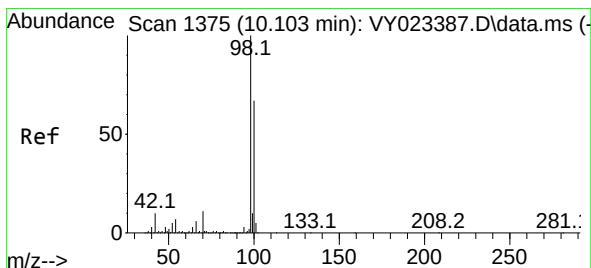
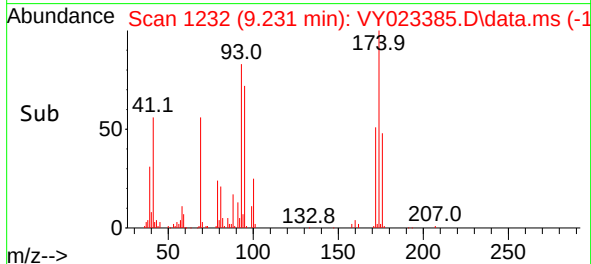
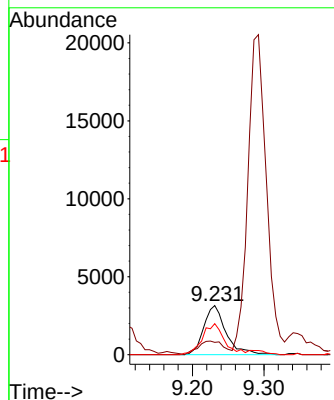
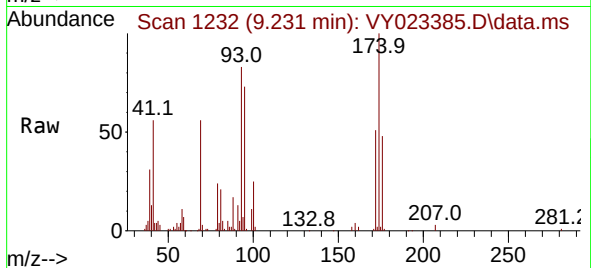
Tgt Ion: 88 Resp: 6822

Ion Ratio Lower Upper

88 100

43 32.1 21.8 32.8

58 62.0 46.8 70.2



#50

Toluene-d8

Concen: 10.225 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023385.D

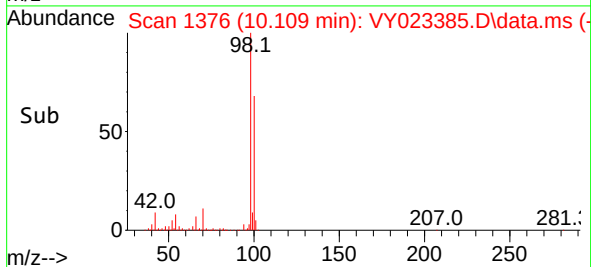
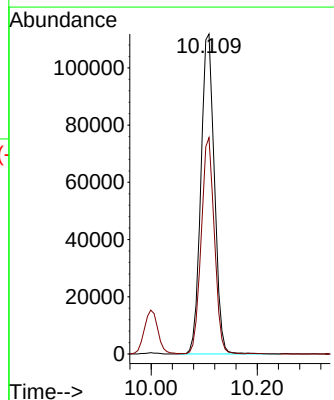
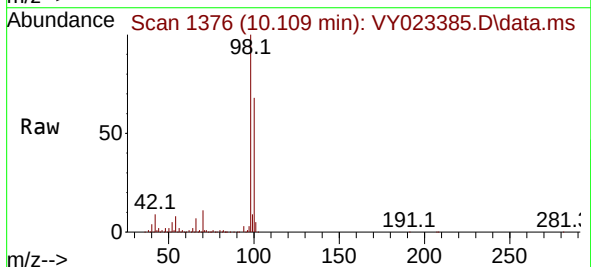
Acq: 07 Oct 2025 10:02

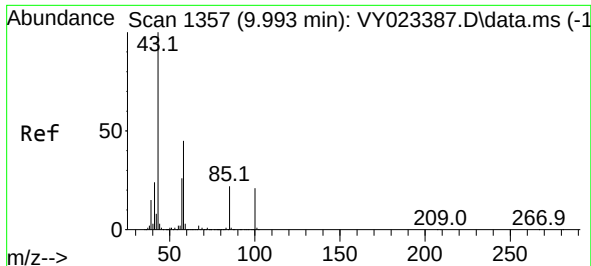
Tgt Ion: 98 Resp: 198242

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4

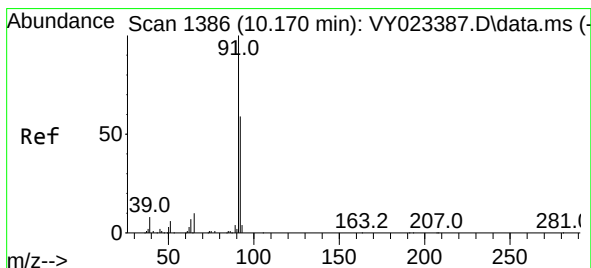
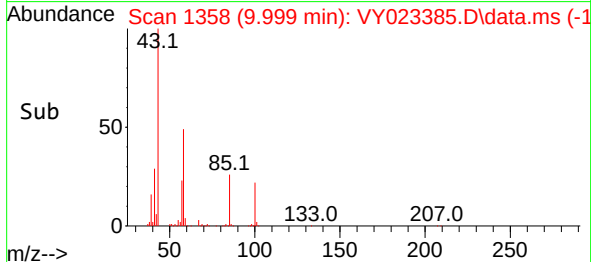
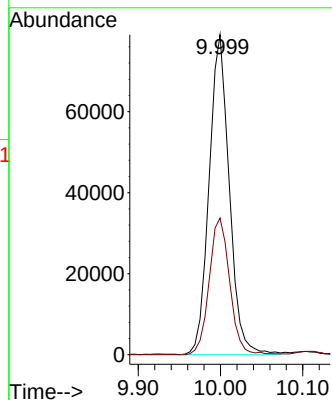
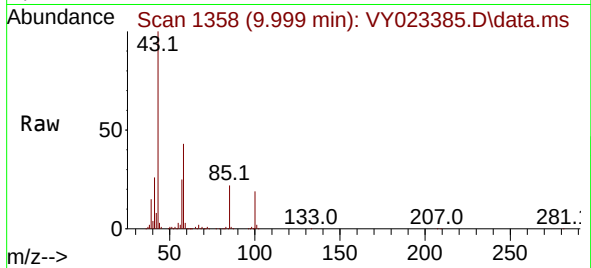




#51
4-Methyl-2-Pentanone
Concen: 47.165 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

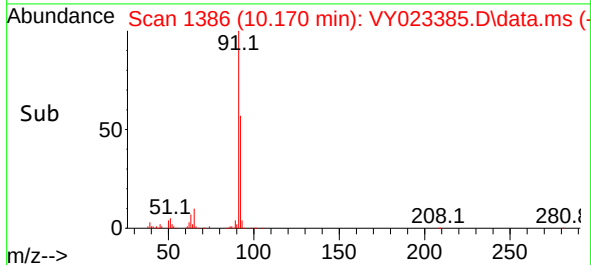
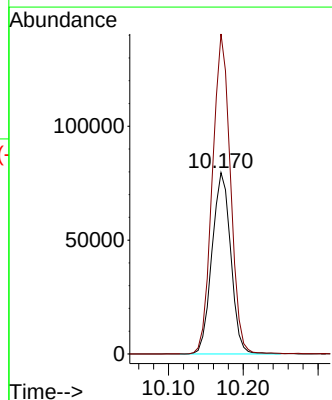
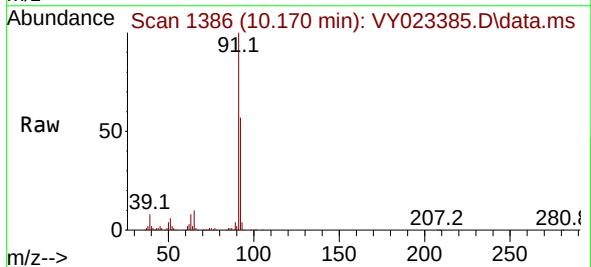
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

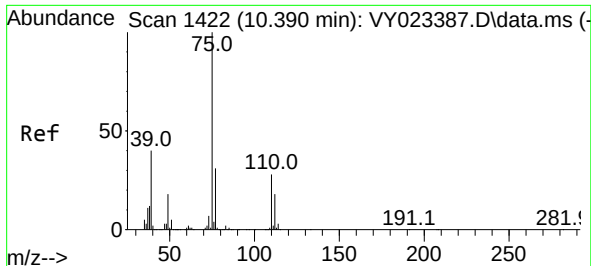
Tgt Ion: 43 Resp: 134746
Ion Ratio Lower Upper
43 100
58 43.5 35.3 52.9



#52
Toluene
Concen: 9.661 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 92 Resp: 138662
Ion Ratio Lower Upper
92 100
91 170.6 136.4 204.6

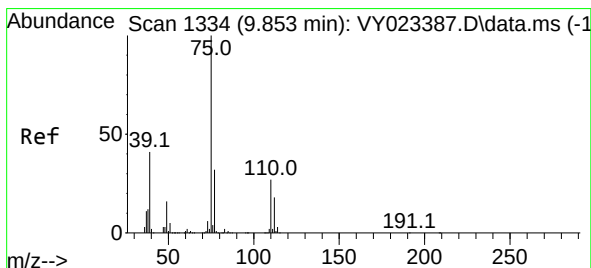
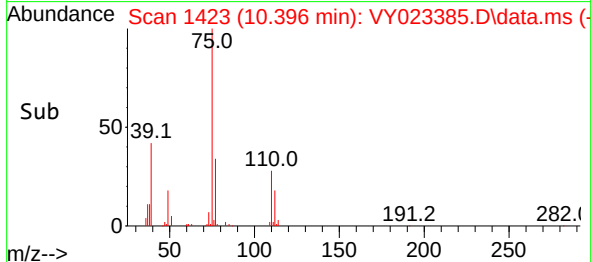
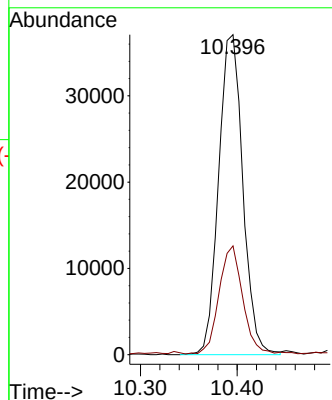
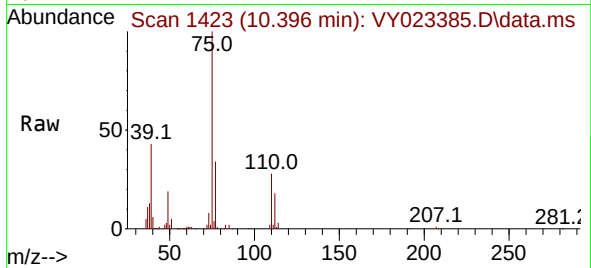




#53
 t-1,3-Dichloropropene
 Concen: 9.559 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023385.D
 Acq: 07 Oct 2025 10:02

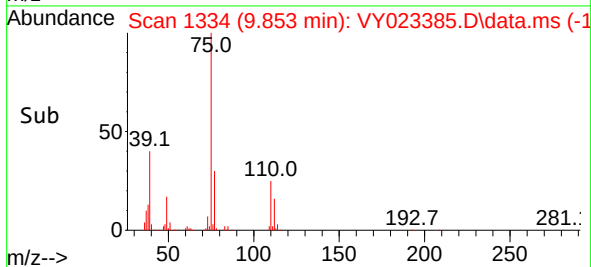
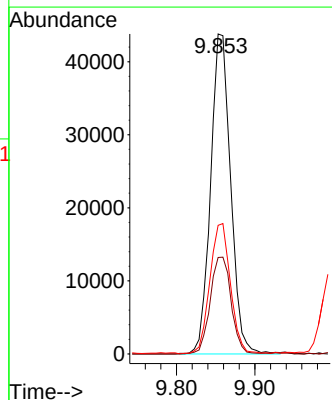
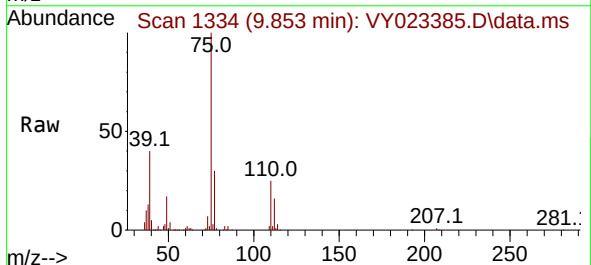
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

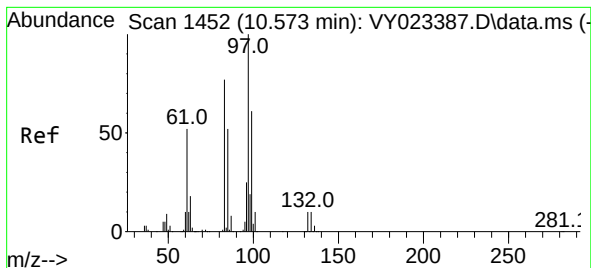
Tgt Ion: 75 Resp: 64315
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 9.687 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023385.D
 Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 77905
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0
 39 40.2 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 10.118 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 41881

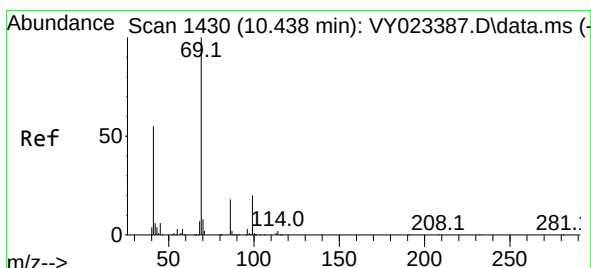
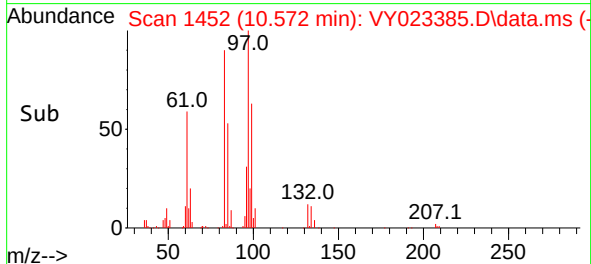
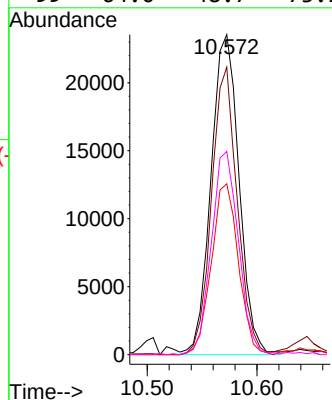
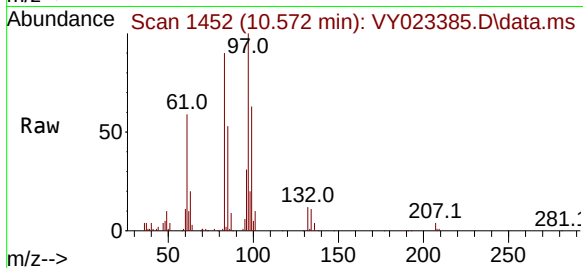
Ion Ratio Lower Upper

97 100

83 90.6 61.8 92.6

85 53.8 41.3 61.9

99 64.0 48.7 73.1



#56

Ethyl methacrylate

Concen: 8.830 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

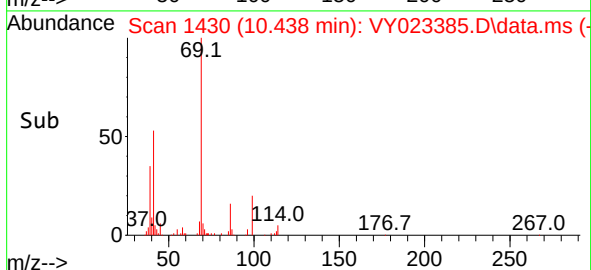
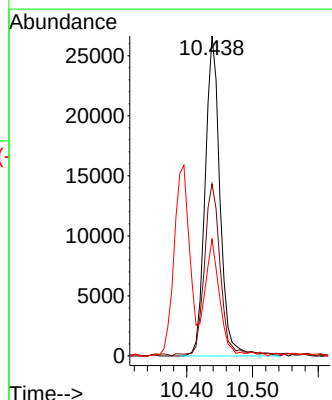
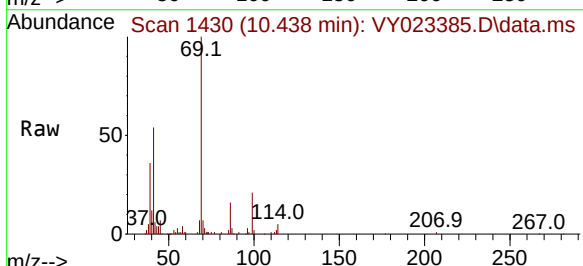
Tgt Ion: 69 Resp: 42096

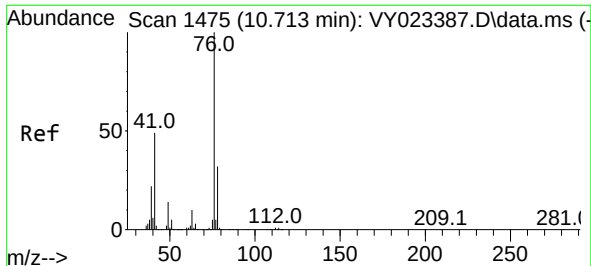
Ion Ratio Lower Upper

69 100

41 58.1 44.6 67.0

39 34.5 27.0 40.4

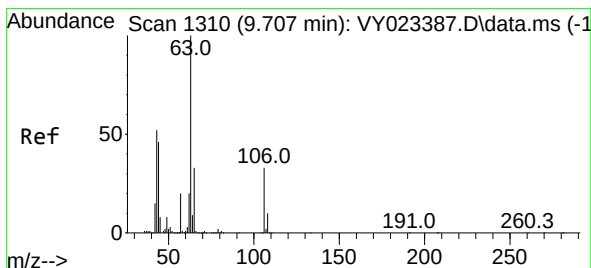
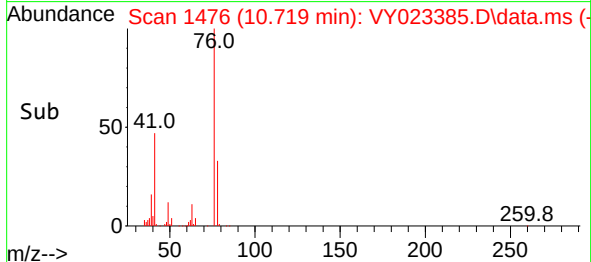
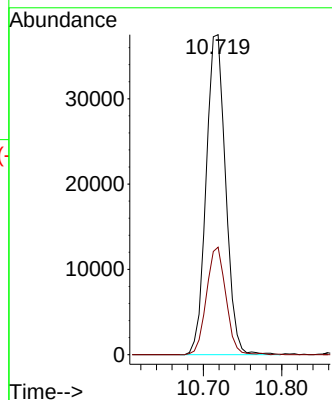
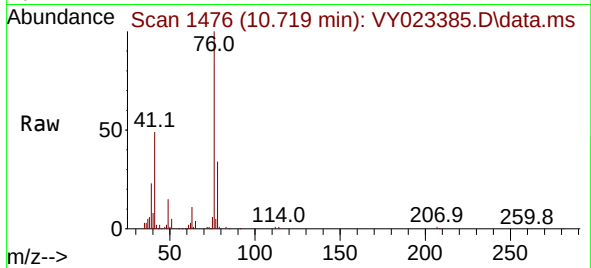




#57
1,3-Dichloropropane
Concen: 9.633 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

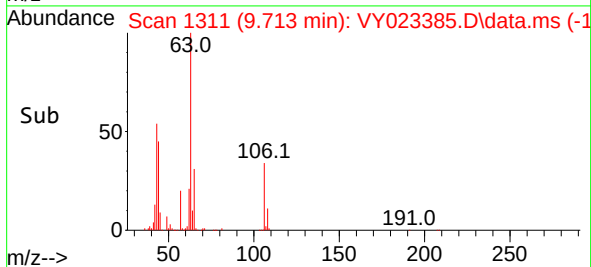
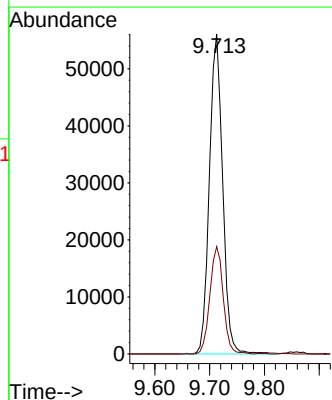
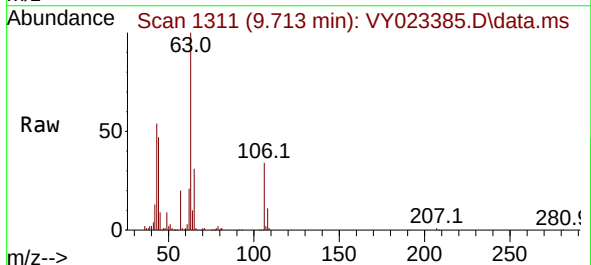
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

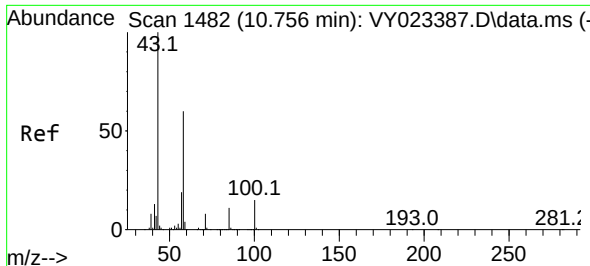
Tgt Ion: 76 Resp: 64537
Ion Ratio Lower Upper
76 100
78 33.6 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 44.994 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 93842
Ion Ratio Lower Upper
63 100
106 33.8 26.6 39.8

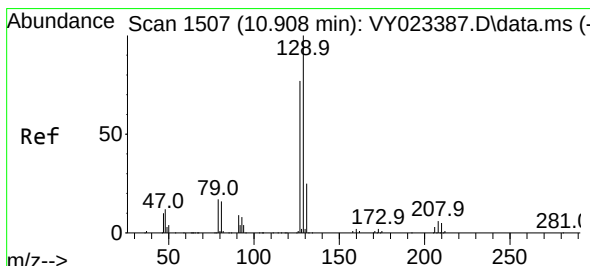
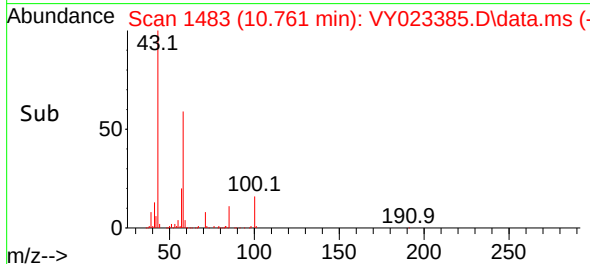
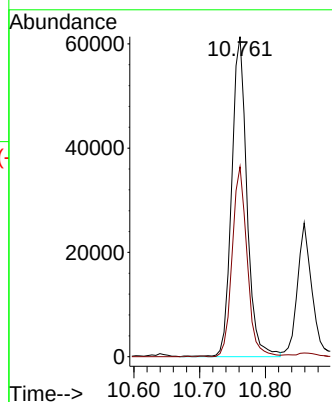
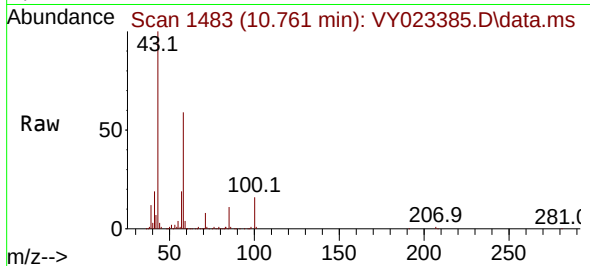




#59
2-Hexanone
Concen: 50.138 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

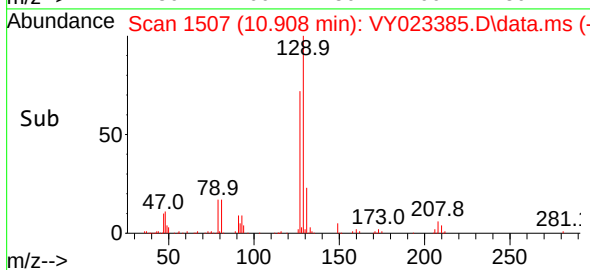
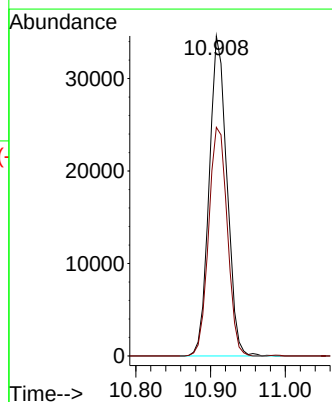
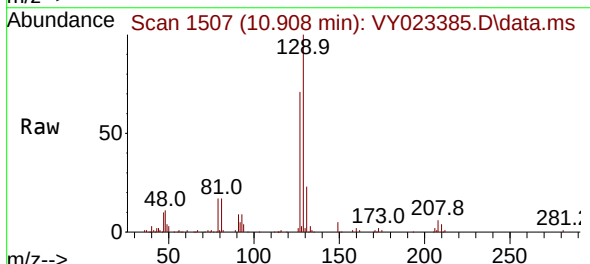
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

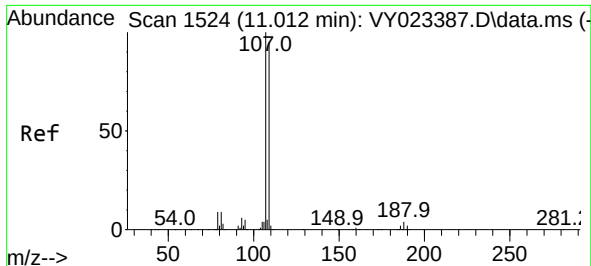
Tgt Ion: 43 Resp: 99175
Ion Ratio Lower Upper
43 100
58 58.0 30.5 91.5



#60
Dibromochloromethane
Concen: 10.123 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 129 Resp: 57151
Ion Ratio Lower Upper
129 100
127 74.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 9.979 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

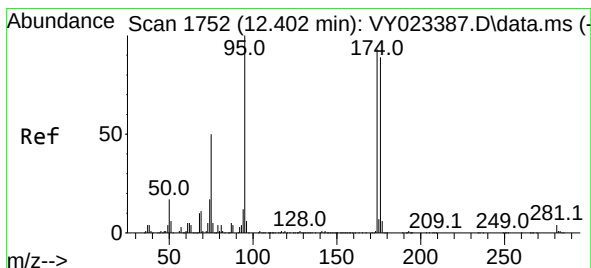
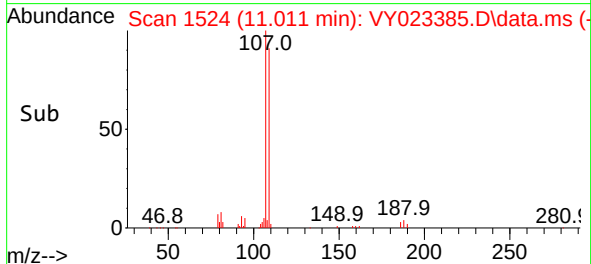
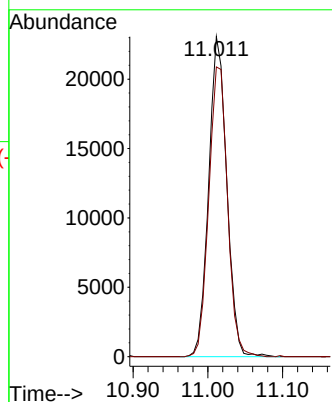
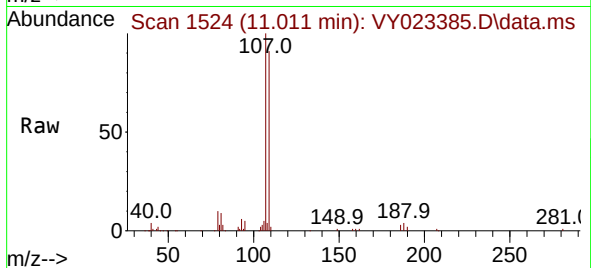
VSTDIC010

Tgt Ion:107 Resp: 38861

Ion Ratio Lower Upper

107 100

109 93.8 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 10.235 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

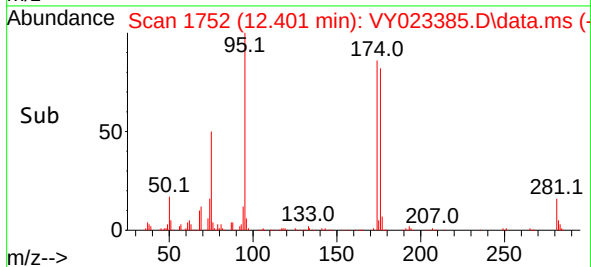
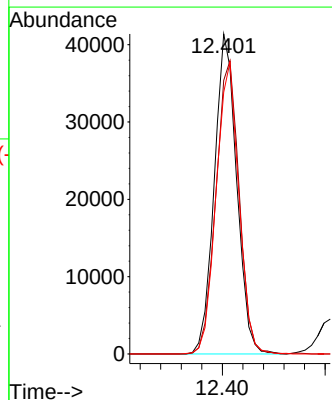
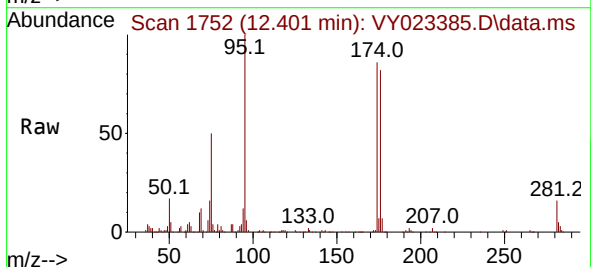
Tgt Ion: 95 Resp: 62601

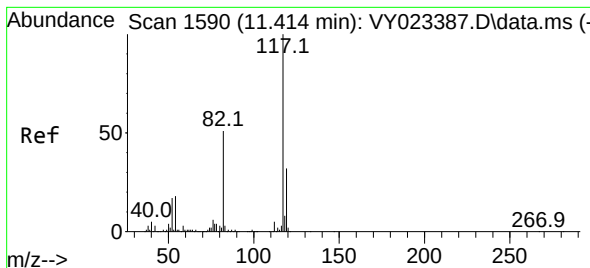
Ion Ratio Lower Upper

95 100

174 94.6 0.0 192.8

176 92.1 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

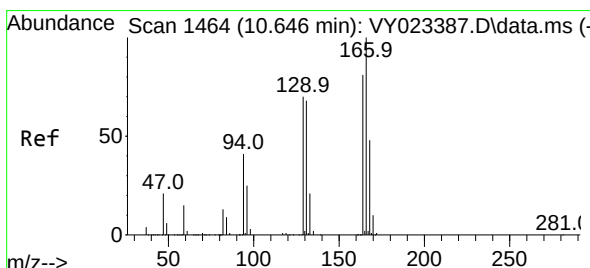
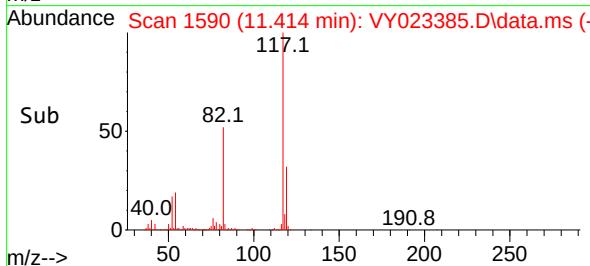
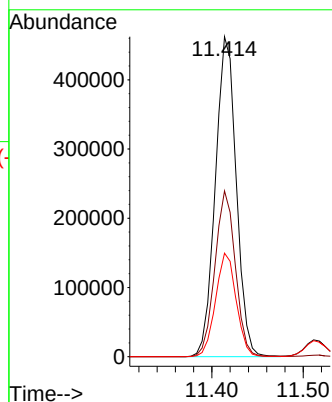
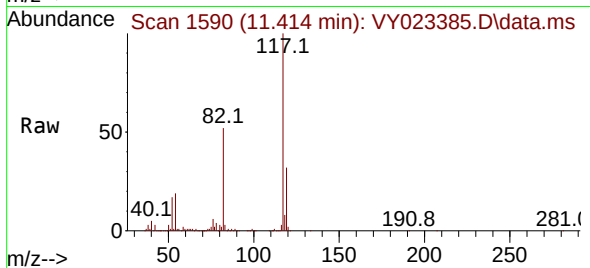
Tgt Ion:117 Resp: 736152

Ion Ratio Lower Upper

117 100

82 51.8 41.0 61.4

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 10.335 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Tgt Ion:164 Resp: 76110

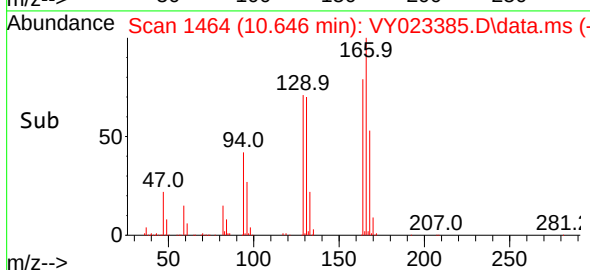
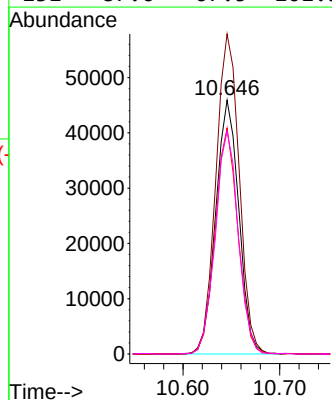
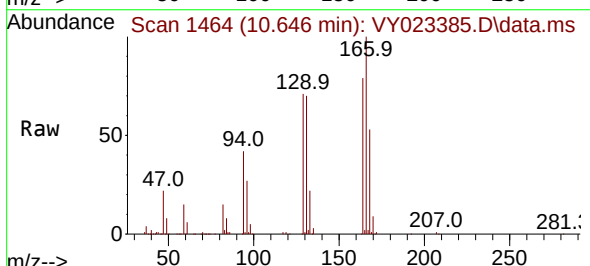
Ion Ratio Lower Upper

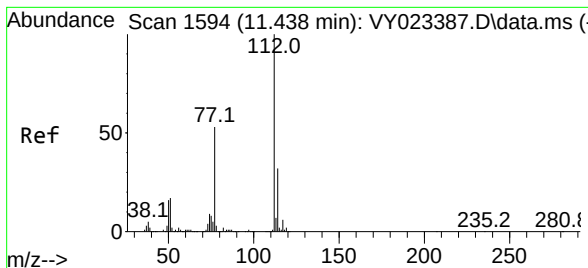
164 100

166 126.1 99.4 149.0

129 89.0 69.4 104.2

131 87.6 67.5 101.3

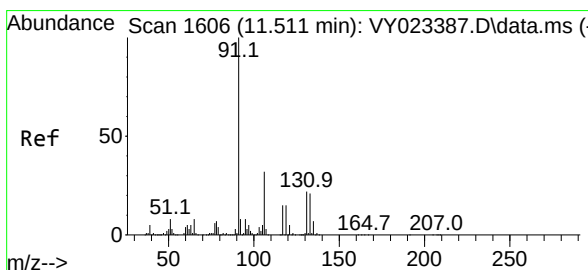
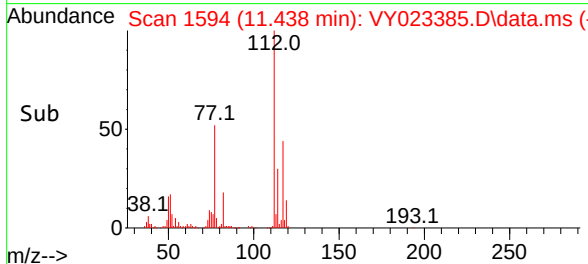
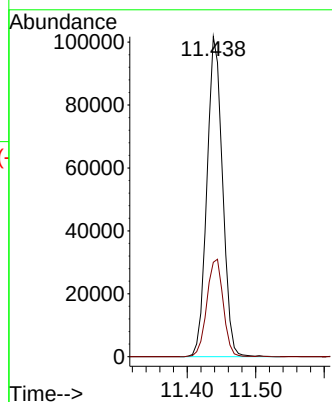
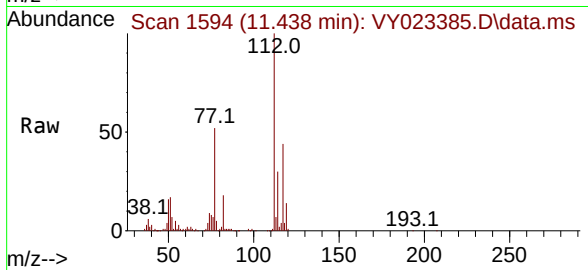




#65
Chlorobenzene
Concen: 10.074 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

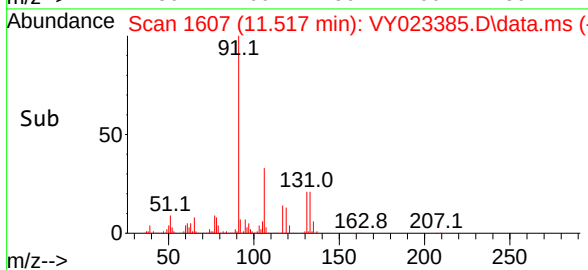
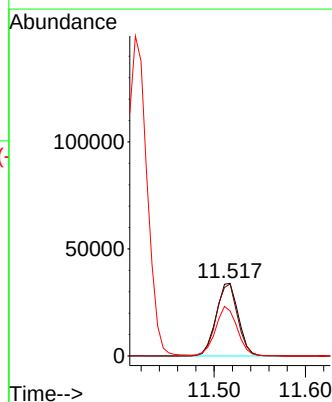
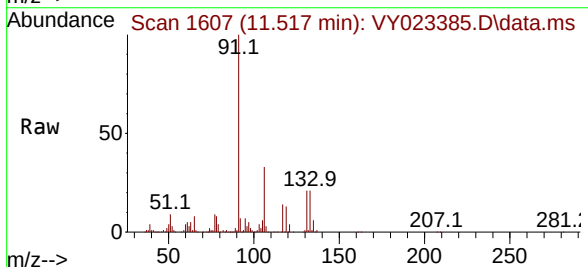
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

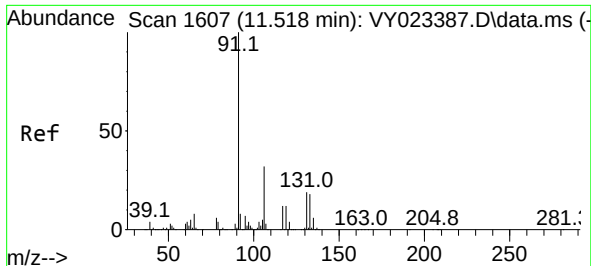
Tgt Ion:112 Resp: 161155
Ion Ratio Lower Upper
112 100
114 29.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 10.173 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:131 Resp: 57233
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.2
119 66.9 32.4 97.2





#67

Ethyl Benzene

Concen: 9.651 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

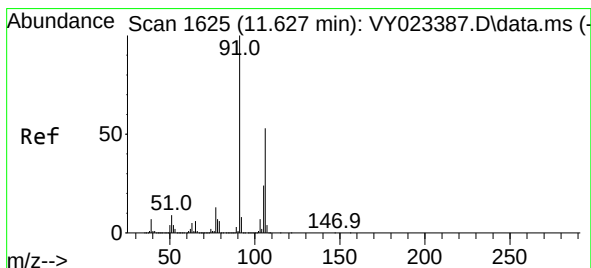
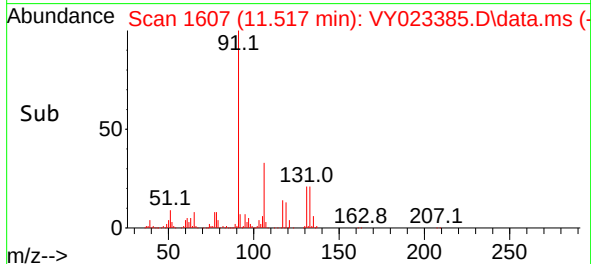
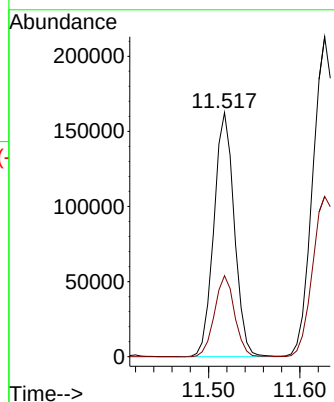
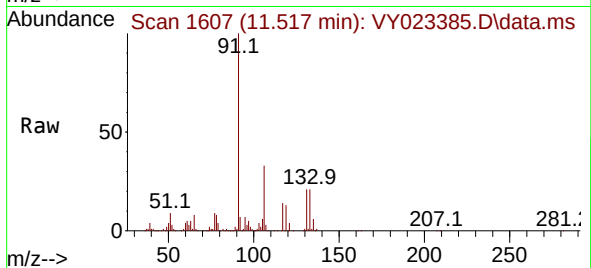
VSTDIC010

Tgt Ion: 91 Resp: 251958

Ion Ratio Lower Upper

91 100

106 33.1 25.8 38.8



#68

m/p-Xylenes

Concen: 19.004 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023385.D

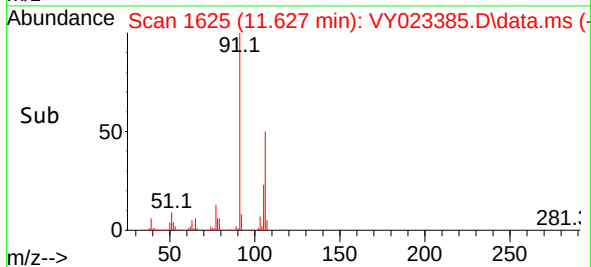
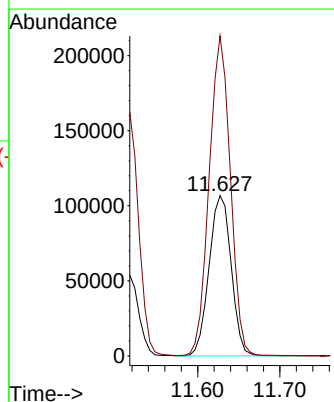
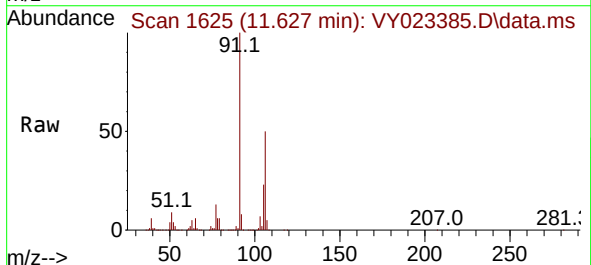
Acq: 07 Oct 2025 10:02

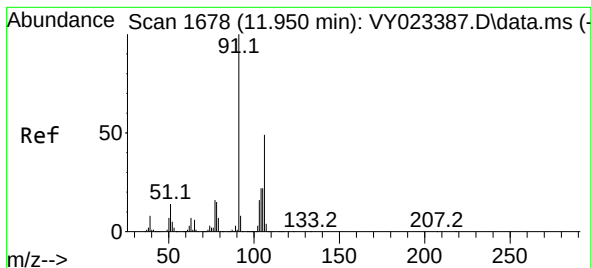
Tgt Ion:106 Resp: 198866

Ion Ratio Lower Upper

106 100

91 192.3 152.6 229.0





#69

o-Xylene

Concen: 9.467 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

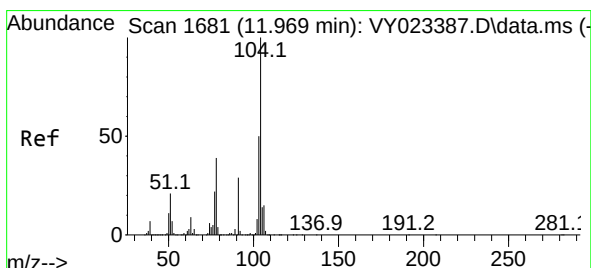
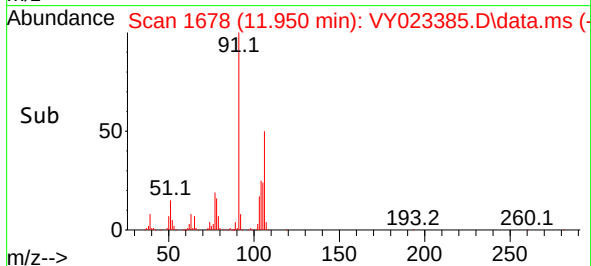
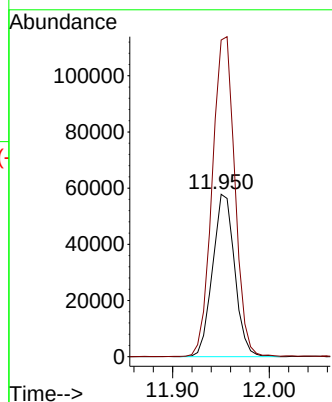
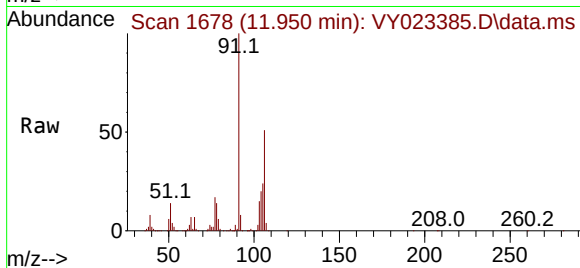
VSTDIC010

Tgt Ion:106 Resp: 91710

Ion Ratio Lower Upper

106 100

91 202.0 101.4 304.1



#70

Styrene

Concen: 9.446 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

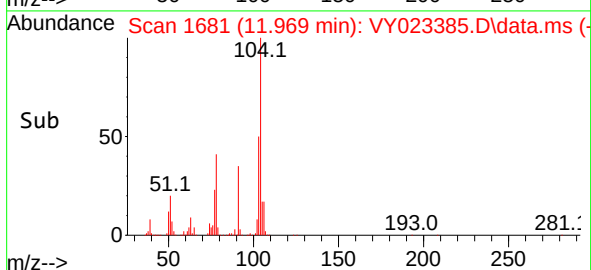
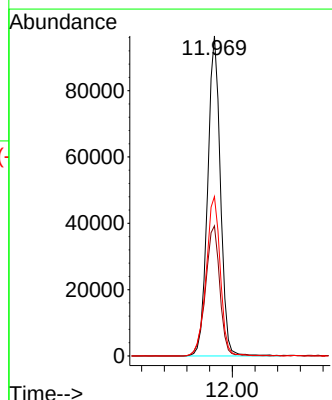
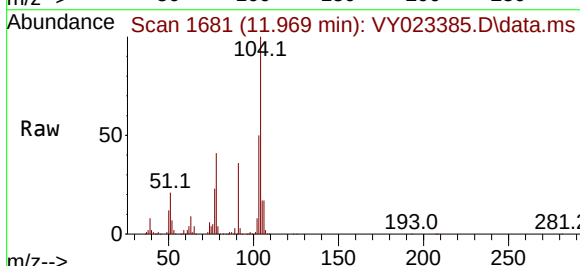
Tgt Ion:104 Resp: 151094

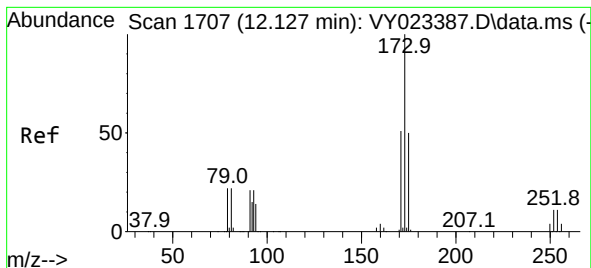
Ion Ratio Lower Upper

104 100

78 45.4 36.1 54.1

103 55.0 43.2 64.8





#71

Bromoform

Concen: 10.595 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

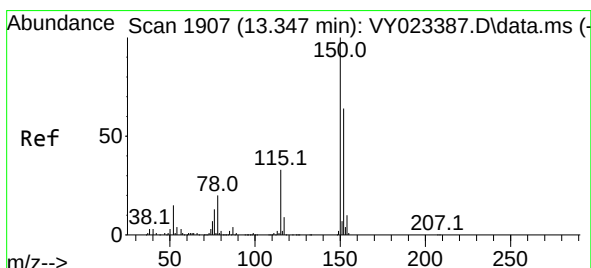
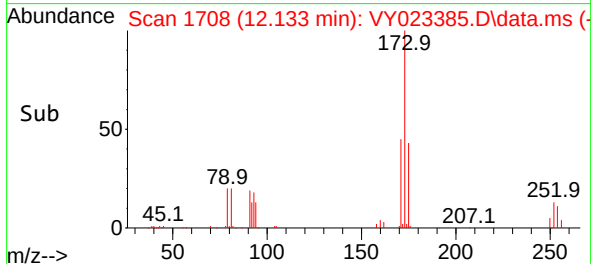
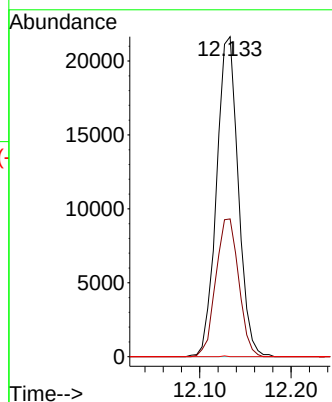
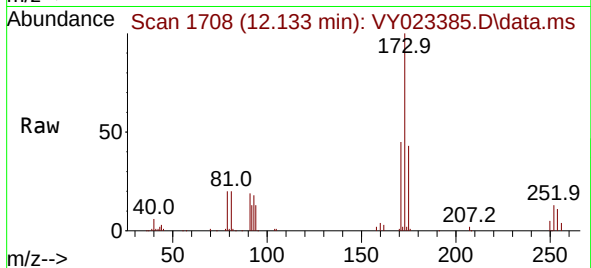
Tgt Ion:173 Resp: 35681

Ion Ratio Lower Upper

173 100

175 45.5 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

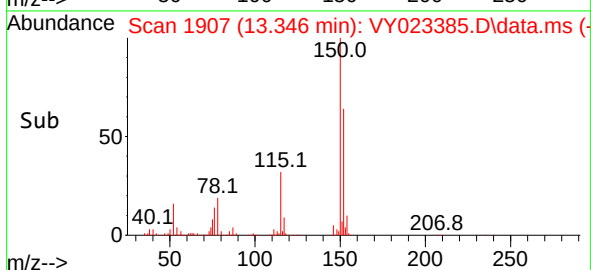
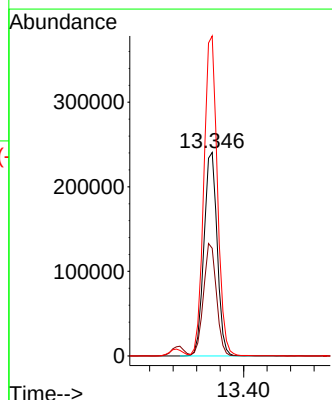
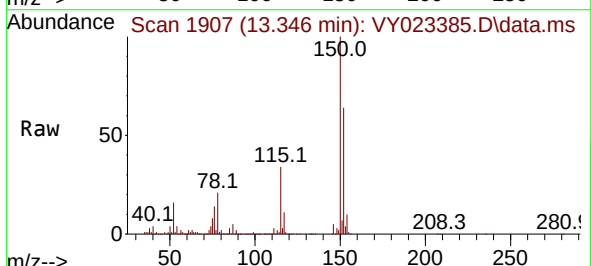
Tgt Ion:152 Resp: 374998

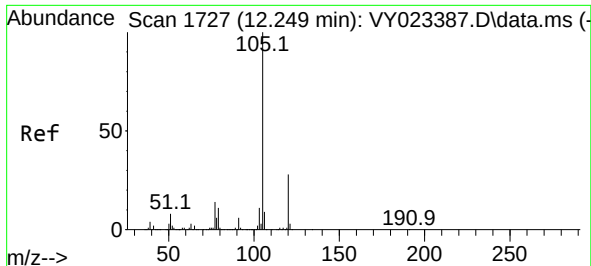
Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.2

150 160.7 0.0 347.4

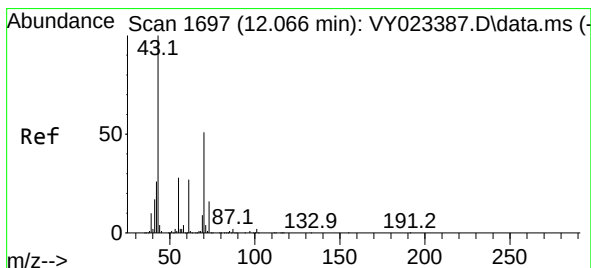
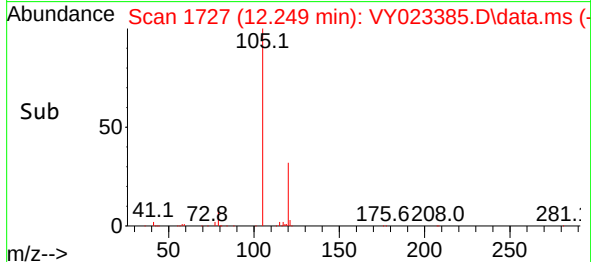
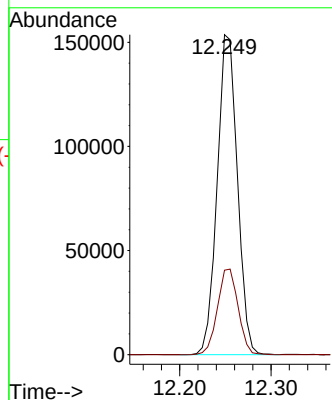
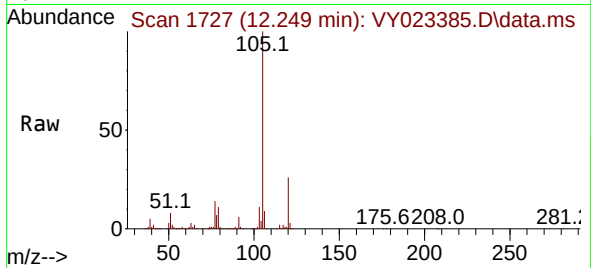




#73
Isopropylbenzene
Concen: 9.467 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

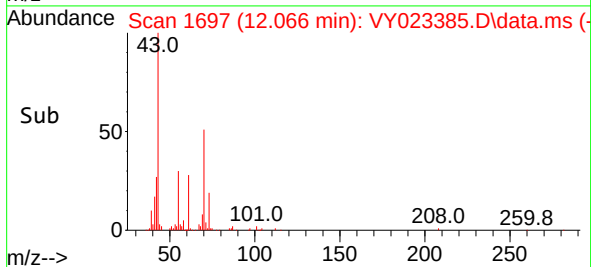
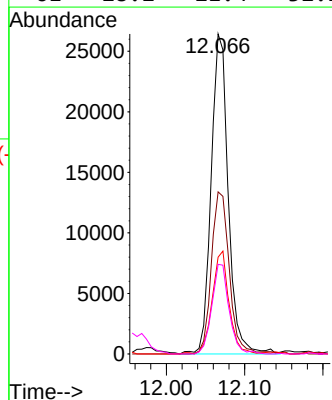
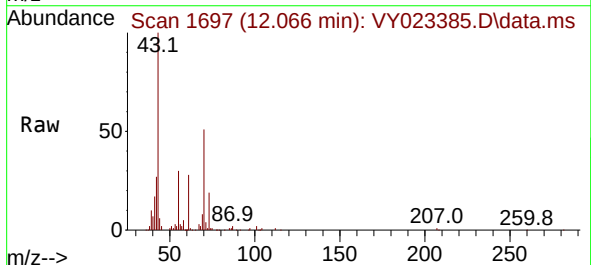
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

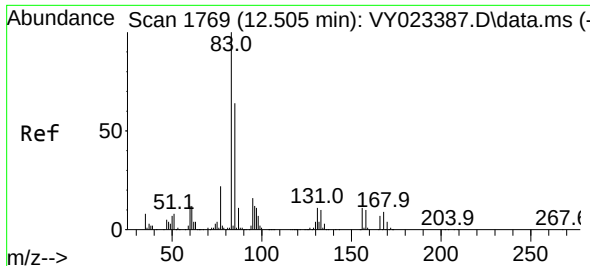
Tgt Ion:105 Resp: 236489
Ion Ratio Lower Upper
105 100
120 27.3 13.9 41.7



#74
N-ethyl acetate
Concen: 8.590 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 40098
Ion Ratio Lower Upper
43 100
70 52.7 41.1 61.7
55 31.6 23.0 34.6
61 28.2 21.4 32.2

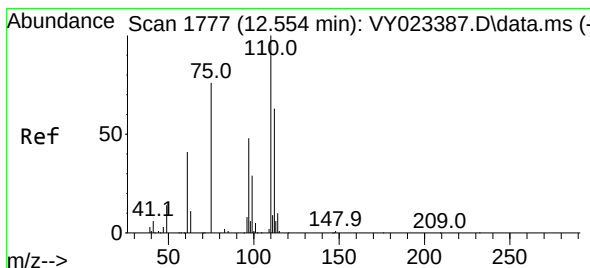
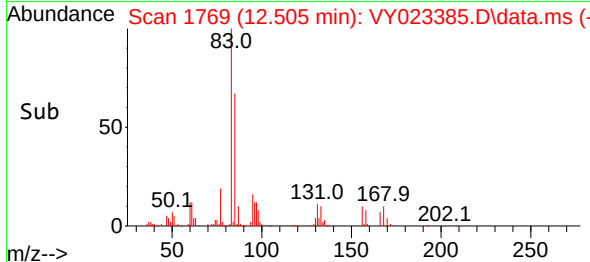
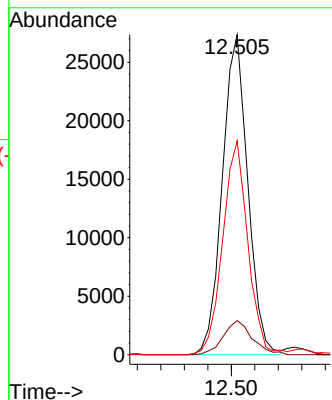
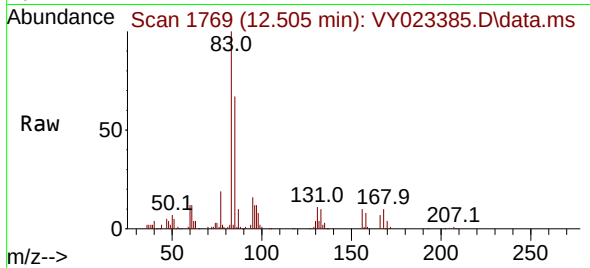




#75
1,1,2,2-Tetrachloroethane
Concen: 9.871 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

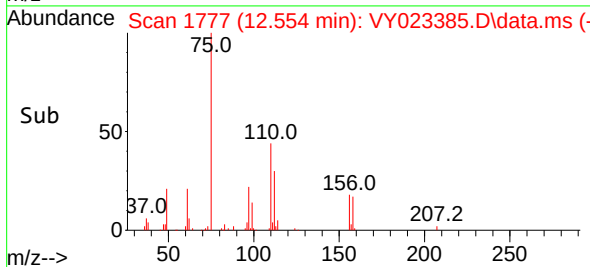
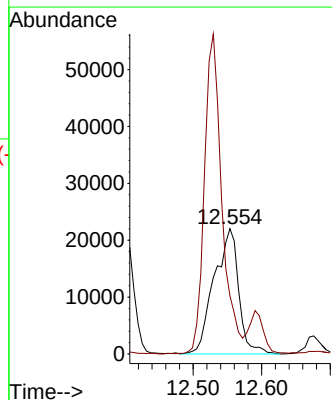
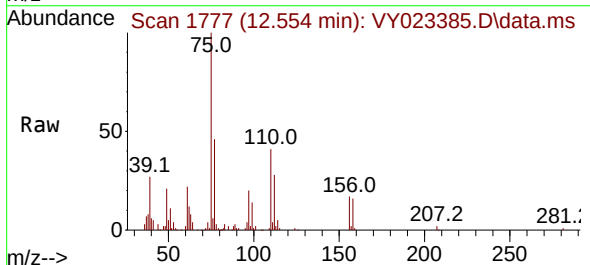
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

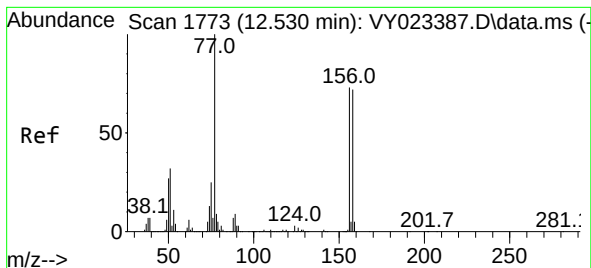
Tgt Ion: 83 Resp: 41130
Ion Ratio Lower Upper
83 100
131 12.0 5.9 17.6
85 66.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 14.827 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 54844
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.295 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

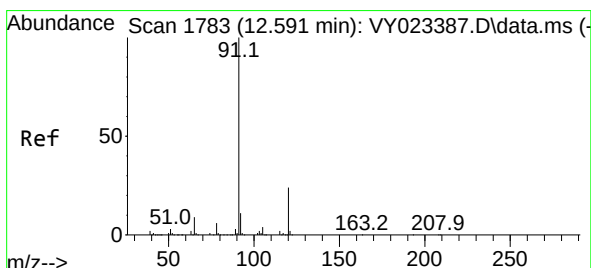
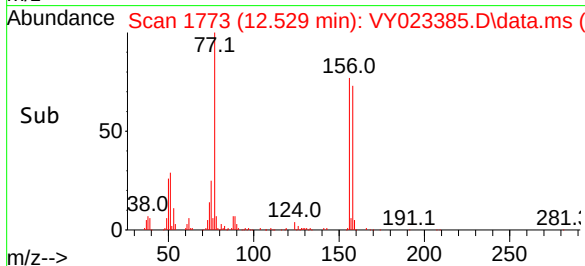
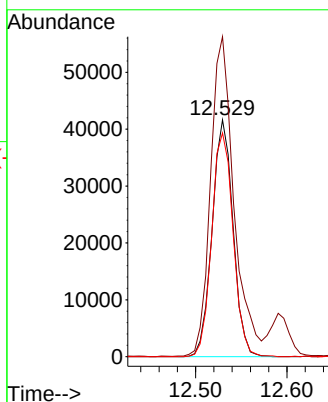
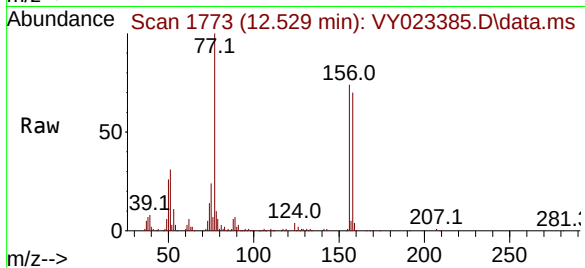
Tgt Ion:156 Resp: 66002

Ion Ratio Lower Upper

156 100

77 151.8 76.8 230.5

158 97.0 49.0 147.2



#78

n-propylbenzene

Concen: 9.384 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023385.D

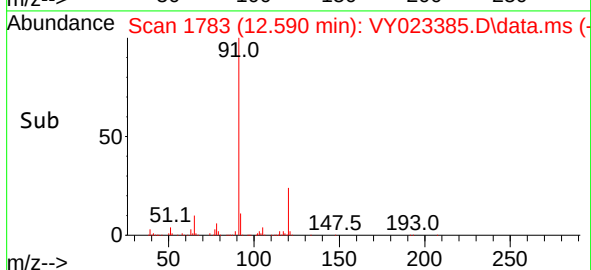
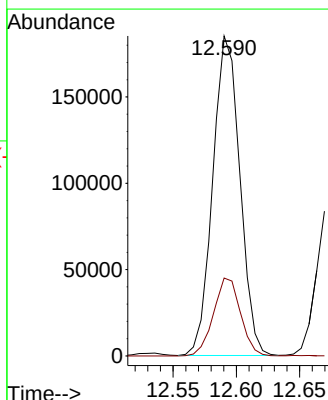
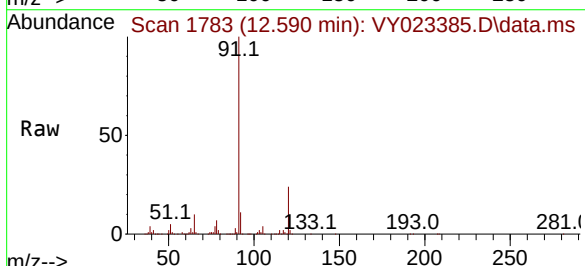
Acq: 07 Oct 2025 10:02

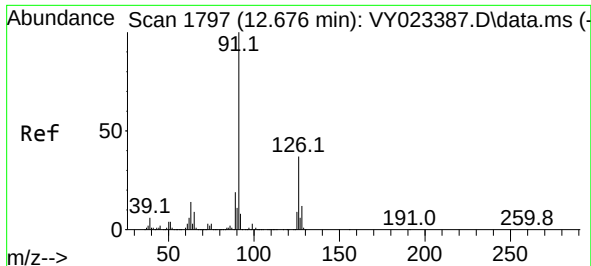
Tgt Ion: 91 Resp: 275671

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8

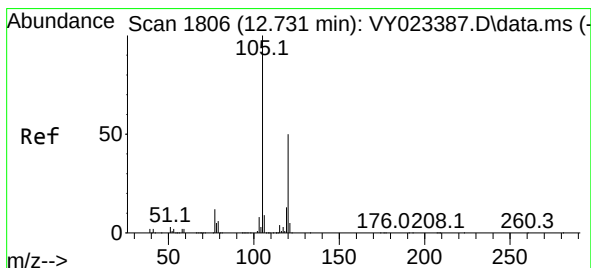
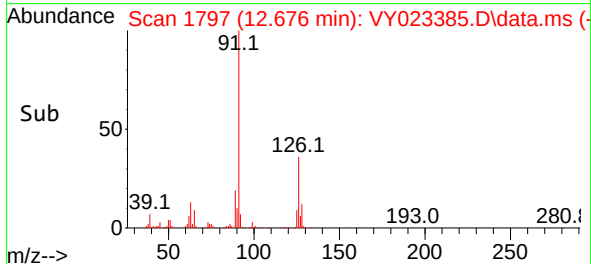
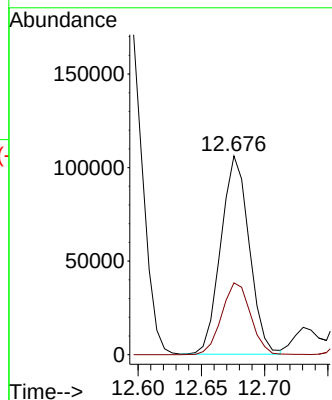
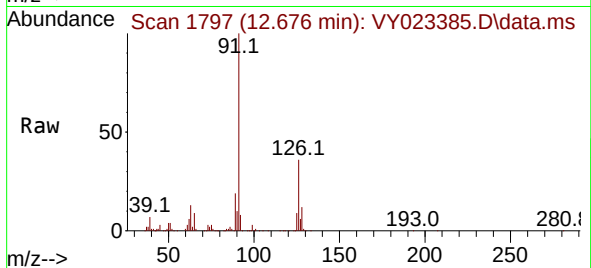




#79
2-Chlorotoluene
Concen: 9.762 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

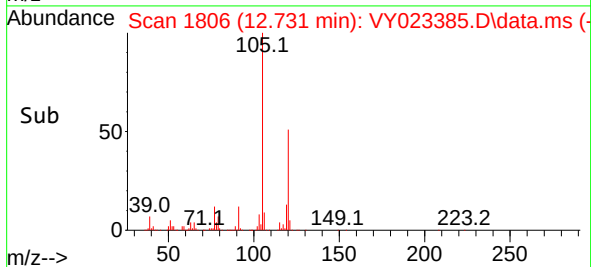
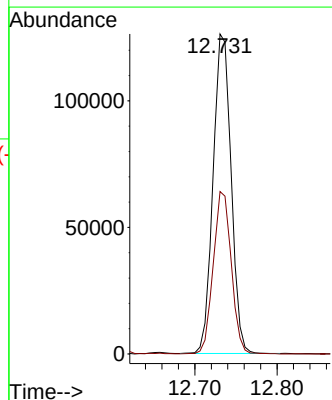
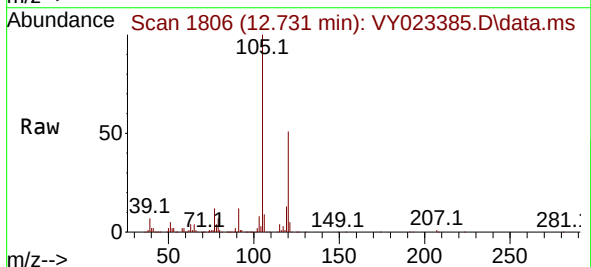
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

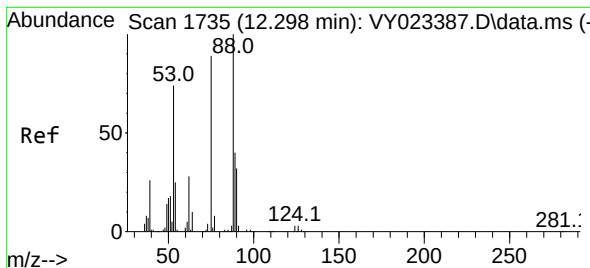
Tgt Ion: 91 Resp: 165582
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 9.445 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 105 Resp: 191799
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.4

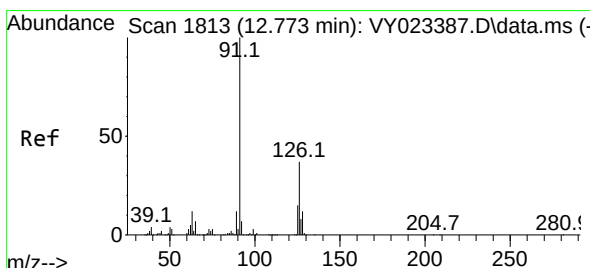
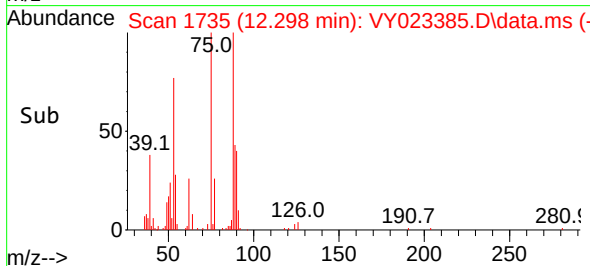
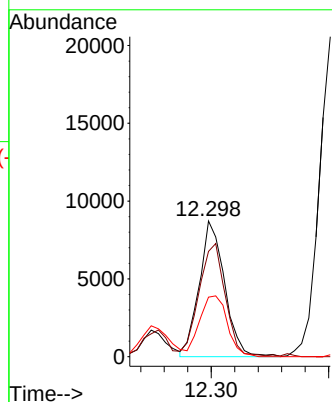
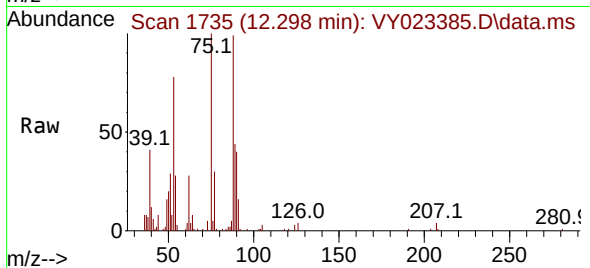




#81
trans-1,4-Dichloro-2-butene
Concen: 9.556 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

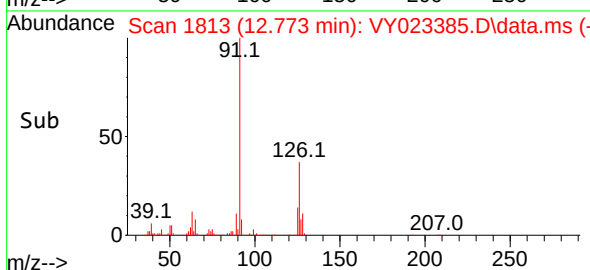
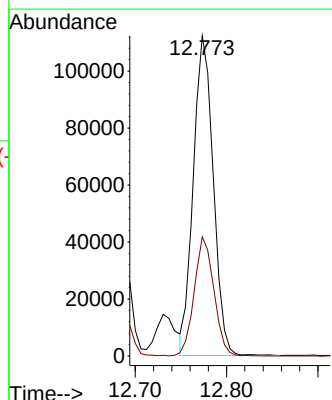
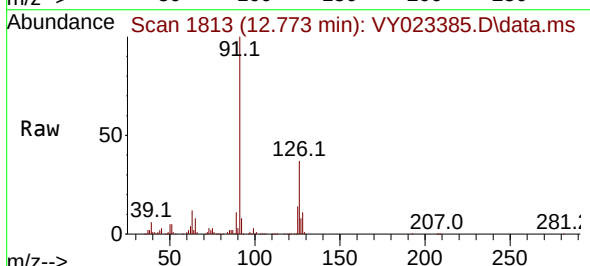
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

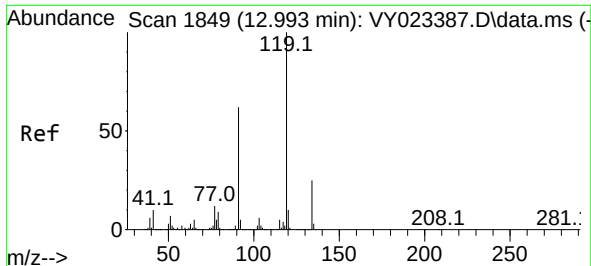
Tgt Ion: 75 Resp: 13110
Ion Ratio Lower Upper
75 100
53 84.6 68.6 102.8
89 48.5 39.0 58.4



#82
4-Chlorotoluene
Concen: 9.595 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 169968
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4

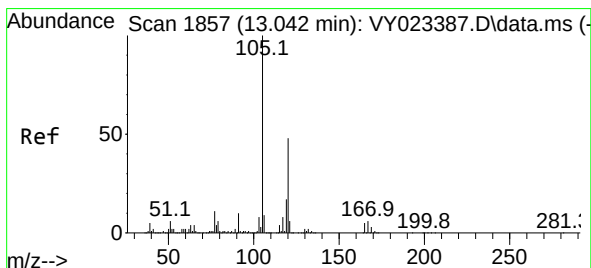
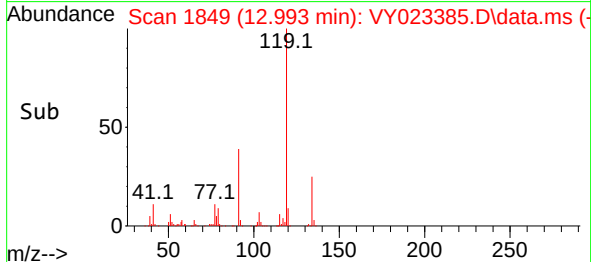
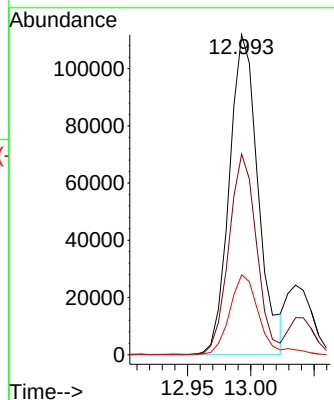
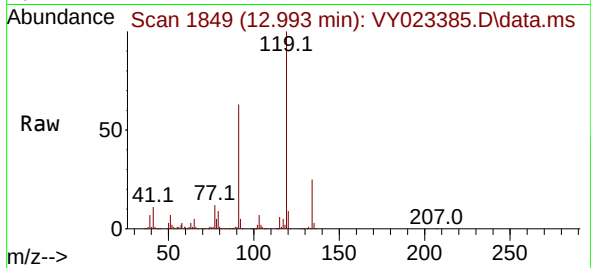




#83
tert-Butylbenzene
Concen: 9.579 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

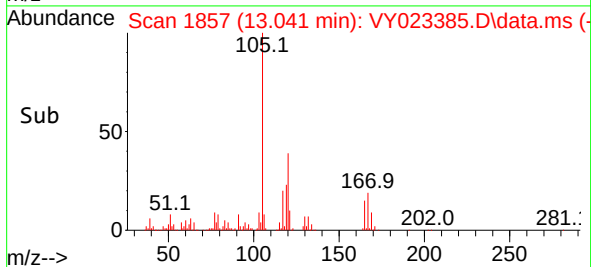
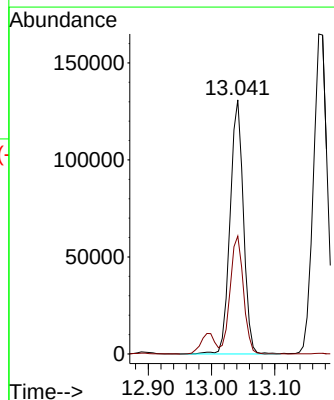
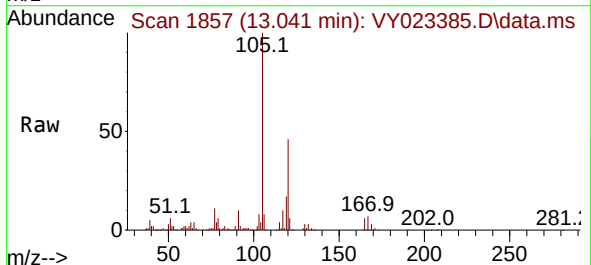
Instrument : MSVOA_Y
ClientSampleId : VSTDIC010

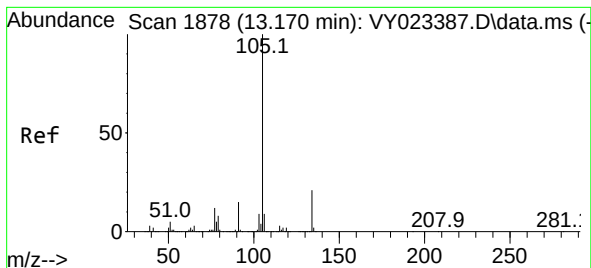
Tgt Ion:119 Resp: 177250
Ion Ratio Lower Upper
119 100
91 60.5 29.9 89.8
134 25.6 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 9.528 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 191423
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.2





#85

sec-Butylbenzene

Concen: 9.483 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

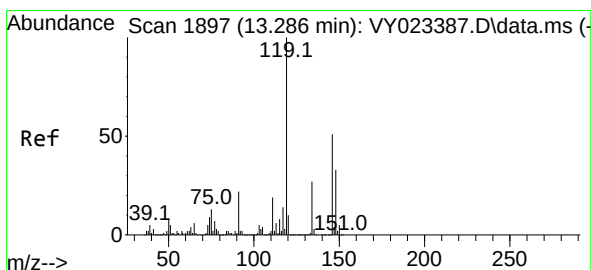
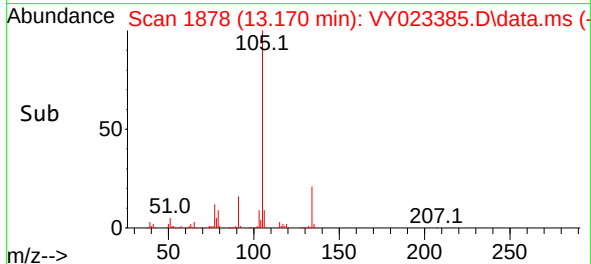
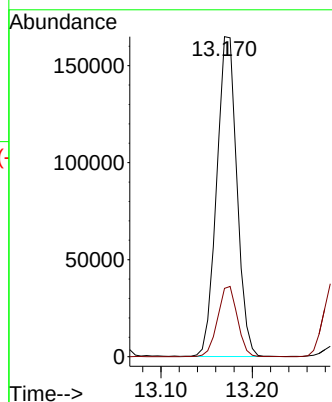
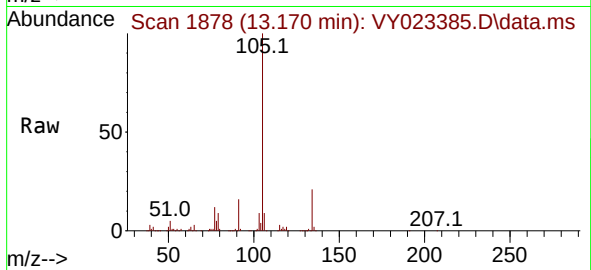
VSTDIC010

Tgt Ion:105 Resp: 254134

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1



#86

p-Isopropyltoluene

Concen: 9.287 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

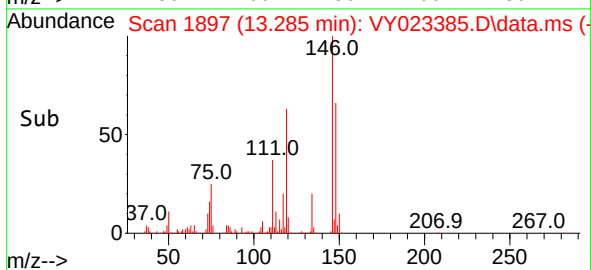
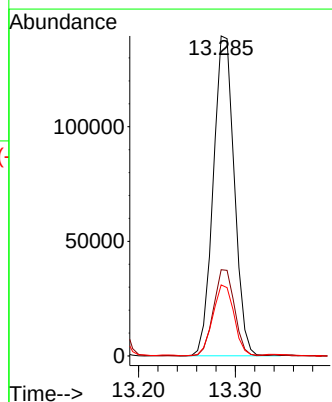
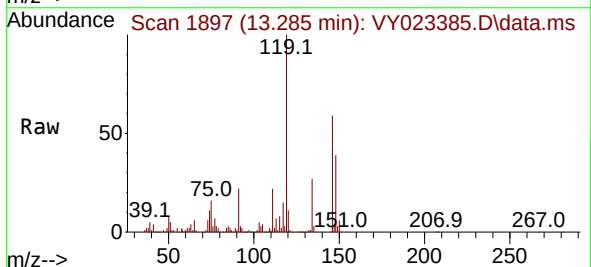
Tgt Ion:119 Resp: 210320

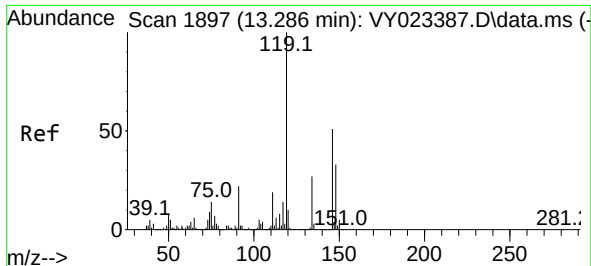
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 10.058 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

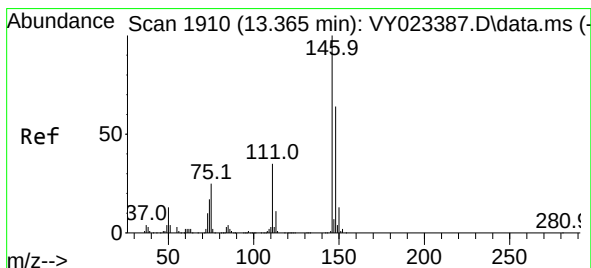
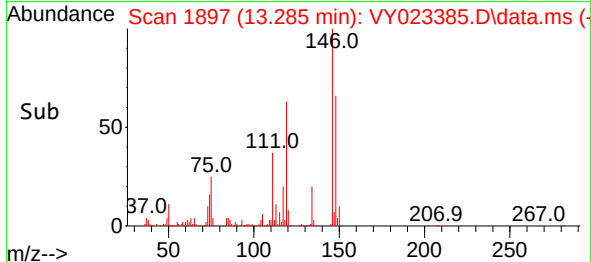
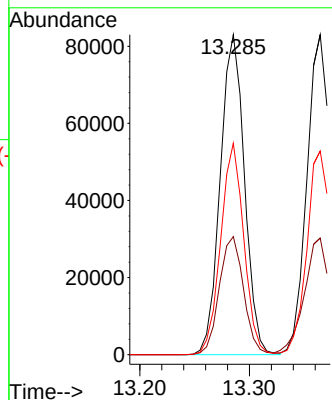
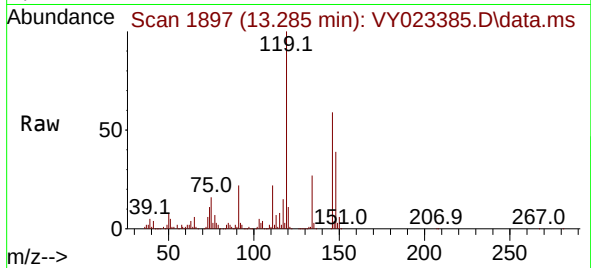
Tgt Ion:146 Resp: 127377

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 10.172 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

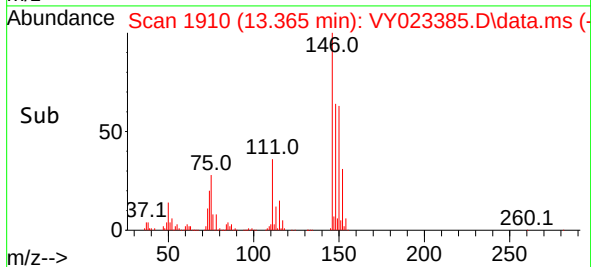
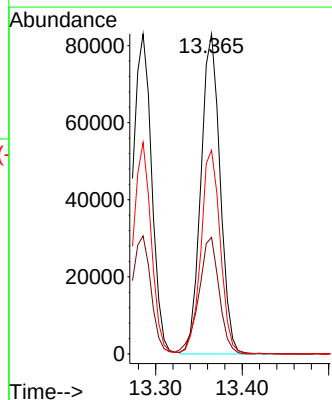
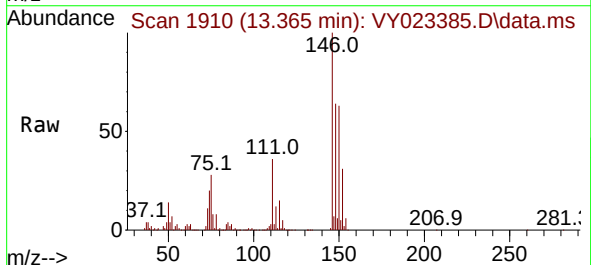
Tgt Ion:146 Resp: 127757

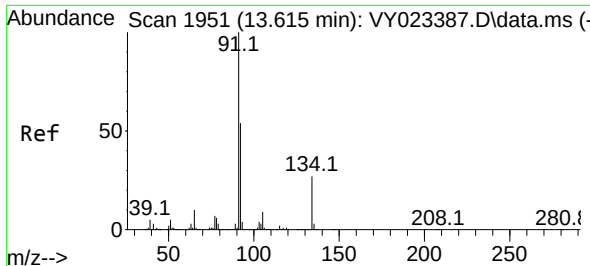
Ion Ratio Lower Upper

146 100

111 38.6 18.0 54.0

148 64.2 31.9 95.7

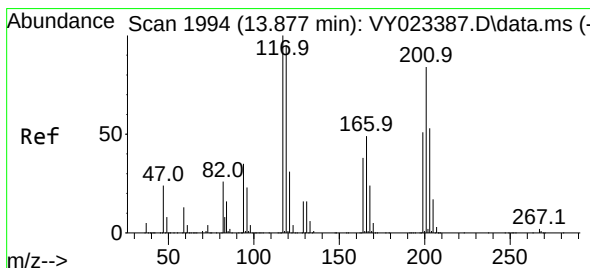
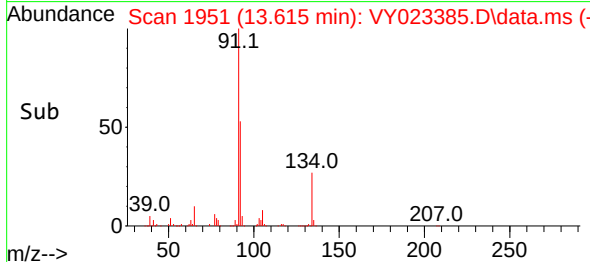
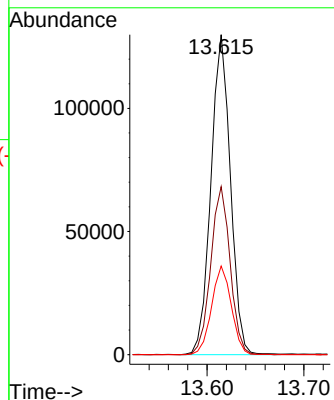
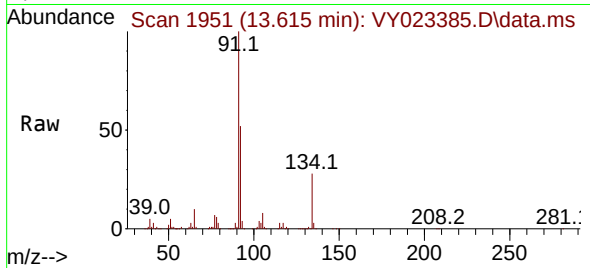




#89
n-Butylbenzene
Concen: 9.107 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

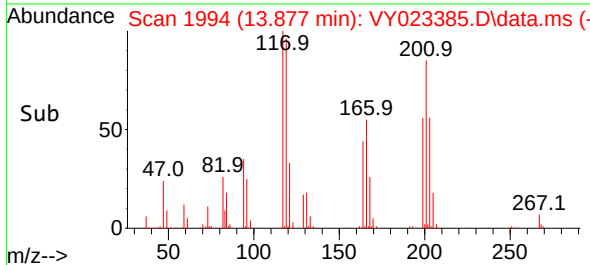
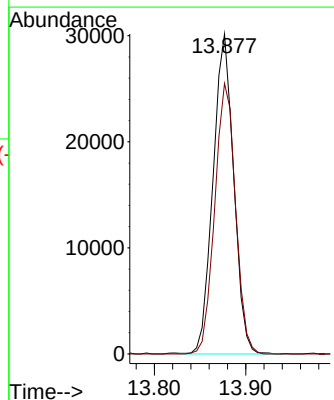
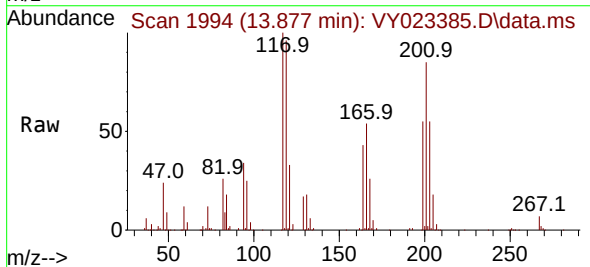
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

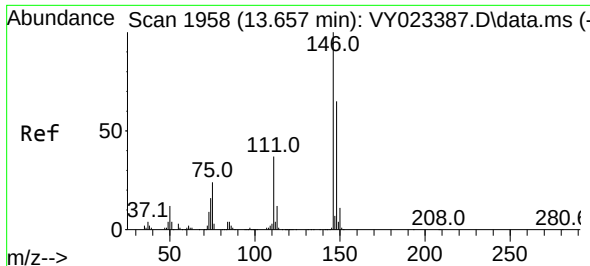
Tgt Ion:	91	Resp:	182116
Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.0	80.8
134	28.0	14.1	42.2



#90
Hexachloroethane
Concen: 9.630 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:	117	Resp:	47355
Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.8	131.4

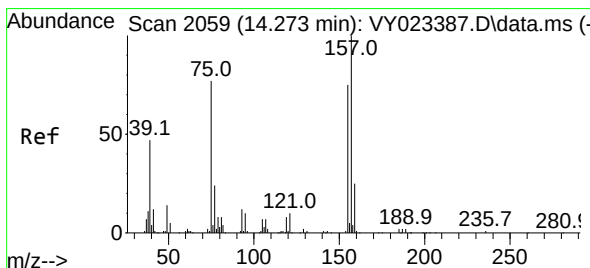
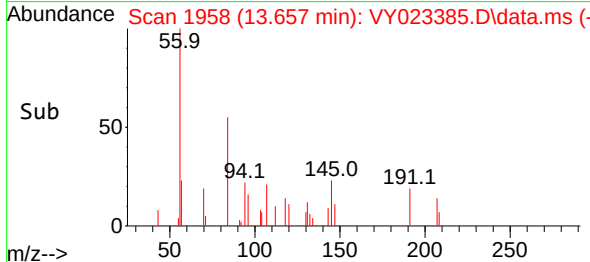
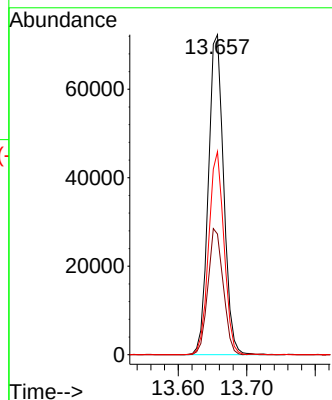
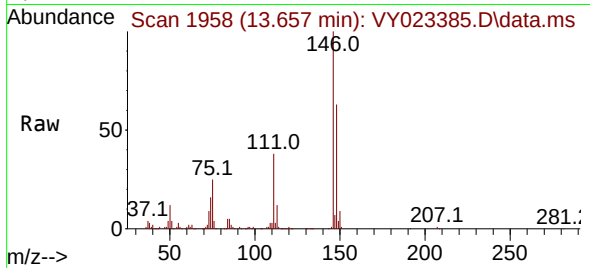




#91
1,2-Dichlorobenzene
Concen: 10.165 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

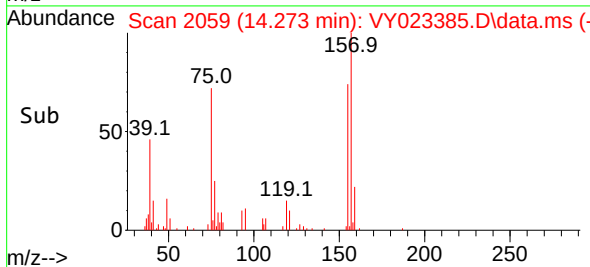
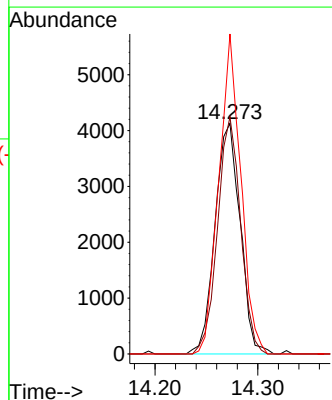
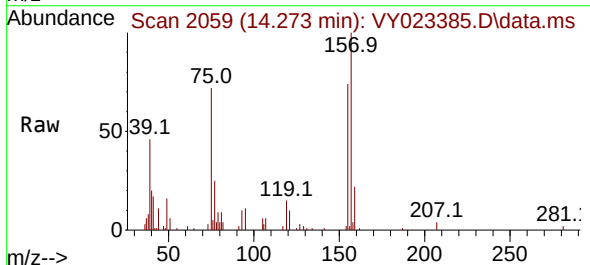
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

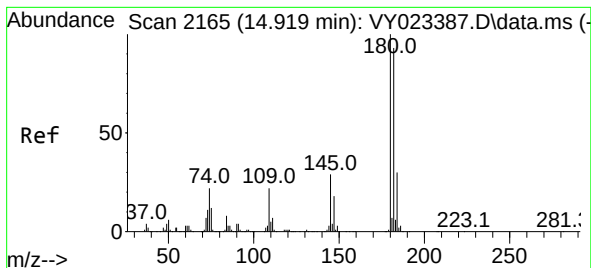
Tgt Ion:146 Resp: 112325
Ion Ratio Lower Upper
146 100
111 39.4 19.0 57.0
148 63.4 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.608 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 7005
Ion Ratio Lower Upper
75 100
155 94.2 50.0 150.0
157 121.7 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 9.992 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

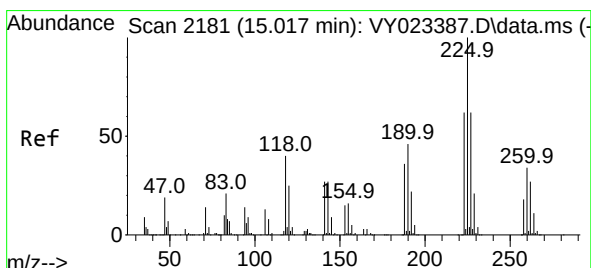
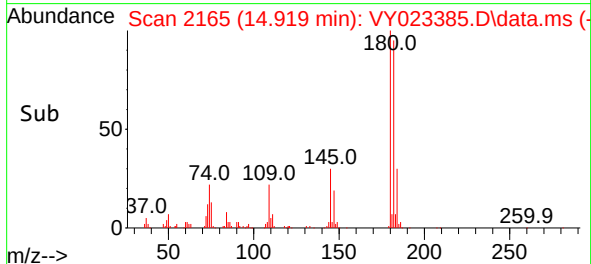
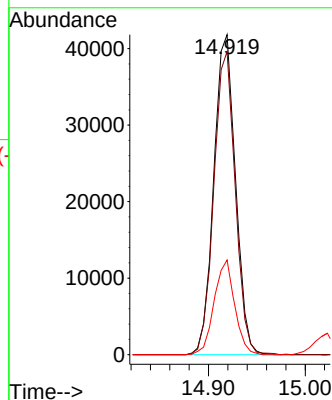
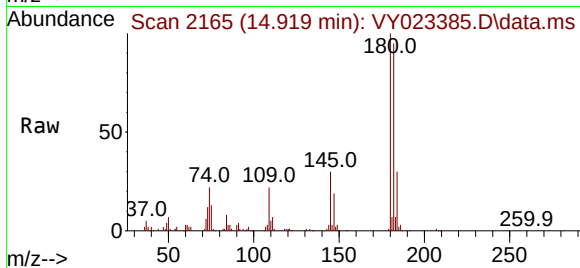
Tgt Ion:180 Resp: 65050

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.6

145 27.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 10.554 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

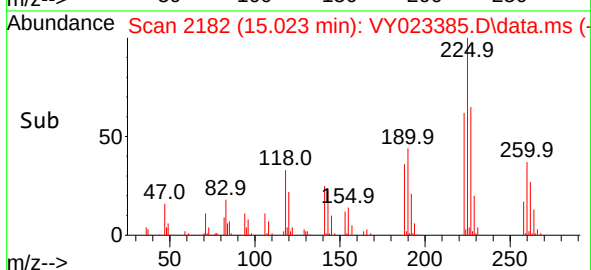
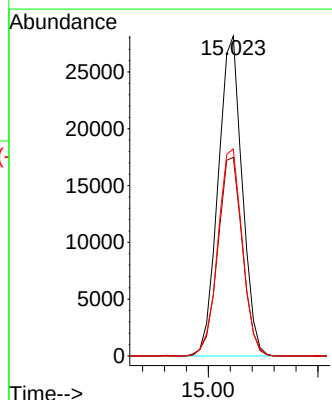
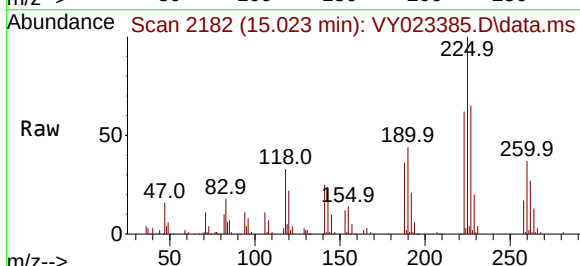
Tgt Ion:225 Resp: 42813

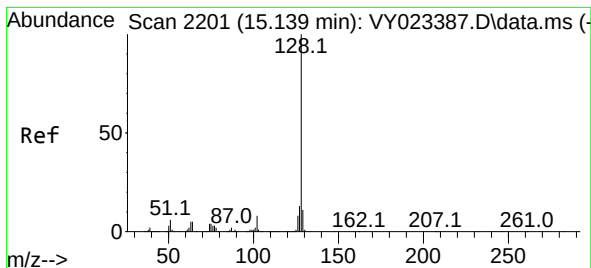
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 66.0 31.9 95.7





#95

Naphthalene

Concen: 9.264 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

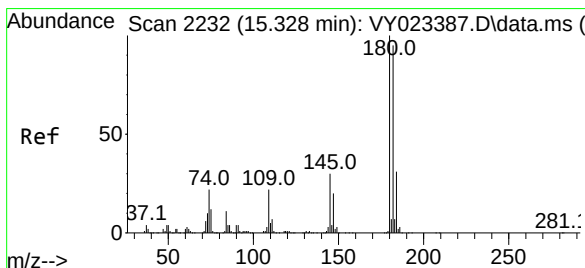
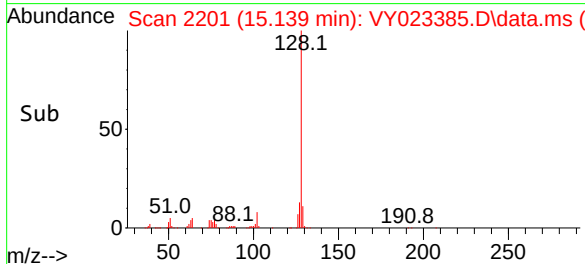
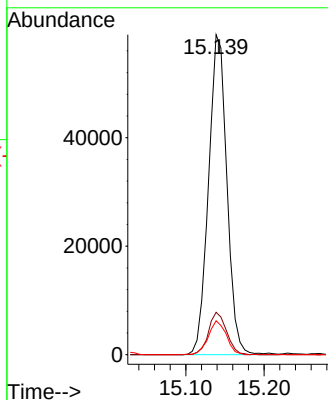
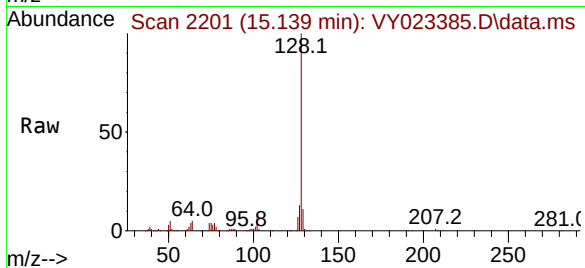
Tgt Ion:128 Resp: 96092

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 10.004 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023385.D

Acq: 07 Oct 2025 10:02

Tgt Ion:180 Resp: 56499

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 30.8 15.3 45.9

