

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023928.D
 Acq On : 10 Dec 2025 09:44
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 11 03:42:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:41:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	507708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	722353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	614309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	317711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103890	23.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.280%#
35) Dibromofluoromethane	7.646	113	110654	23.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.860%#
50) Toluene-d8	10.109	98	409951	23.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	46.640%#
62) 4-Bromofluorobenzene	12.407	95	134753	22.952	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	76085	21.610	ug/l	98
3) Chloromethane	2.074	50	90879	20.093	ug/l	99
4) Vinyl Chloride	2.214	62	114611	20.507	ug/l	100
5) Bromomethane	2.604	94	99352	20.879	ug/l	98
6) Chloroethane	2.745	64	82059	20.838	ug/l	97
7) Trichlorofluoromethane	3.068	101	179955	21.387	ug/l	99
8) Diethyl Ether	3.464	74	49358	21.353	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	104825	21.377	ug/l	99
10) Methyl Iodide	4.019	142	110130	18.164	ug/l	100
11) Tert butyl alcohol	4.878	59	27666	106.434	ug/l	98
12) 1,1-Dichloroethene	3.805	96	96594	20.965	ug/l	99
13) Acrolein	3.659	56	38778	93.276	ug/l	98
14) Allyl chloride	4.397	41	124952	21.195	ug/l	98
15) Acrylonitrile	5.073	53	99321	107.843	ug/l	100
16) Acetone	3.878	43	156718	117.870	ug/l	97
17) Carbon Disulfide	4.116	76	235524	19.249	ug/l	99
18) Methyl Acetate	4.397	43	41012	20.193	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	232898	21.138	ug/l	98
20) Methylene Chloride	4.628	84	110891	20.999	ug/l	99
21) trans-1,2-Dichloroethene	5.128	96	104702	20.701	ug/l	99
22) Diisopropyl ether	6.031	45	292296	21.774	ug/l	97
23) Vinyl Acetate	5.976	43	800822	107.365	ug/l	99
24) 1,1-Dichloroethane	5.927	63	181430	21.683	ug/l	97
25) 2-Butanone	6.908	43	159315	114.843	ug/l	95
26) 2,2-Dichloropropane	6.896	77	166850	21.357	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	123179	21.215	ug/l	99
28) Bromochloromethane	7.256	49	60057	19.053	ug/l	99
29) Tetrahydrofuran	7.274	42	74701	105.587	ug/l	98
30) Chloroform	7.433	83	197603	21.620	ug/l	100
31) Cyclohexane	7.713	56	158099	20.537	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	183152	21.609	ug/l	99
36) 1,1-Dichloropropene	7.847	75	138356	21.522	ug/l	99
37) Ethyl Acetate	7.000	43	56031	21.404	ug/l	99
38) Carbon Tetrachloride	7.829	117	169803	21.792	ug/l	97
39) Methylcyclohexane	9.115	83	176603	20.562	ug/l	99
40) Benzene	8.091	78	420644	21.487	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	30782	21.375	ug/l #	89
42) 1,2-Dichloroethane	8.164	62	110040	21.435	ug/l	99
43) Isopropyl Acetate	8.207	43	105039	21.305	ug/l	96
44) Trichloroethene	8.872	130	122111	21.512	ug/l	97
45) 1,2-Dichloropropane	9.146	63	96130	21.764	ug/l	97
46) Dibromomethane	9.237	93	55963	21.512	ug/l	98
47) Bromodichloromethane	9.426	83	147911	21.613	ug/l	99
48) Methyl methacrylate	9.225	41	46215	20.136	ug/l	94
49) 1,4-Dioxane	9.237	88	12185	420.144	ug/l #	95
51) 4-Methyl-2-Pentanone	10.005	43	286730	109.766	ug/l	99
52) Toluene	10.176	92	273770	21.134	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	127430	21.547	ug/l	94
54) cis-1,3-Dichloropropene	9.865	75	149428	21.442	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	78608	21.954	ug/l	97
56) Ethyl methacrylate	10.444	69	89804	21.157	ug/l	97
57) 1,3-Dichloropropane	10.719	76	126466	21.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	187929	102.210	ug/l	98
59) 2-Hexanone	10.768	43	227007	114.503	ug/l	100
60) Dibromochloromethane	10.914	129	108414	21.870	ug/l	100
61) 1,2-Dibromoethane	11.017	107	71260	21.477	ug/l	100
64) Tetrachloroethene	10.652	164	147992	22.425	ug/l	98
65) Chlorobenzene	11.444	112	305109	21.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	109395	21.913	ug/l	99
67) Ethyl Benzene	11.523	91	507535	21.280	ug/l	99
68) m/p-Xylenes	11.633	106	407095	42.998	ug/l	100
69) o-Xylene	11.956	106	188067	21.234	ug/l	99
70) Styrene	11.975	104	310597	21.708	ug/l	99
71) Bromoform	12.133	173	64848	22.042	ug/l #	98
73) Isopropylbenzene	12.255	105	506742	21.825	ug/l	100
74) N-amyl acetate	12.072	43	84876	20.609	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	75982	21.491	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	103997	38.577	ug/l #	100
77) Bromobenzene	12.535	156	122766	21.309	ug/l	98
78) n-propylbenzene	12.596	91	587106	21.733	ug/l	100
79) 2-Chlorotoluene	12.682	91	332304	21.655	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	405253	21.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25102	21.261	ug/l	98
82) 4-Chlorotoluene	12.779	91	343896	21.769	ug/l	99
83) tert-Butylbenzene	12.999	119	368578	21.535	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	398895	21.738	ug/l	100
85) sec-Butylbenzene	13.176	105	545692	21.857	ug/l	100
86) p-Isopropyltoluene	13.291	119	454486	21.506	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	241617	21.596	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	238078	21.588	ug/l	99
89) n-Butylbenzene	13.621	91	389648	21.075	ug/l	99
90) Hexachloroethane	13.883	117	92596	21.472	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	207675	21.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11416	20.855	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	113937	19.999	ug/l	97
94) Hexachlorobutadiene	15.029	225	75956	20.339	ug/l	99
95) Naphthalene	15.145	128	165896	18.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	94979	19.591	ug/l	99

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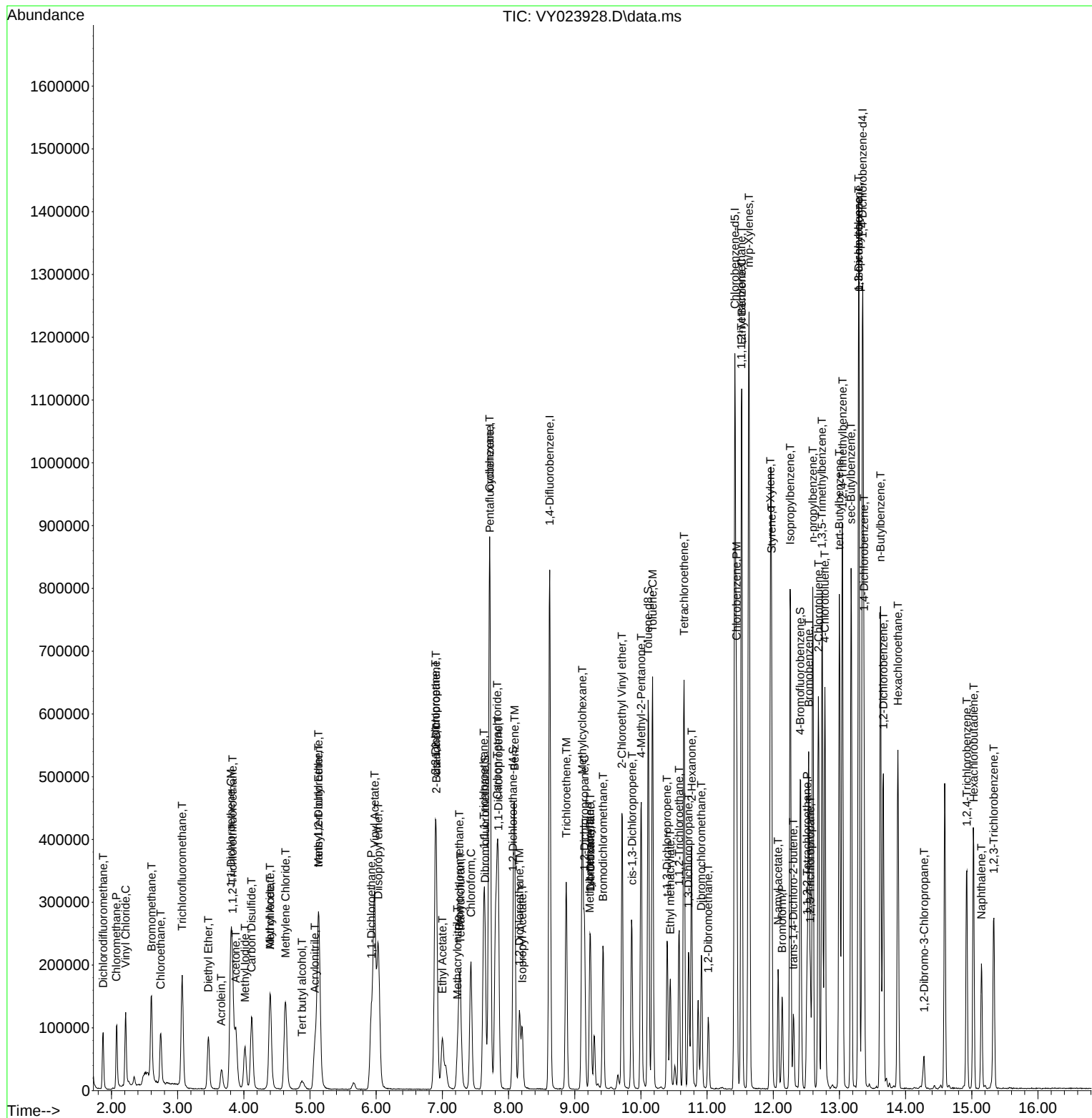
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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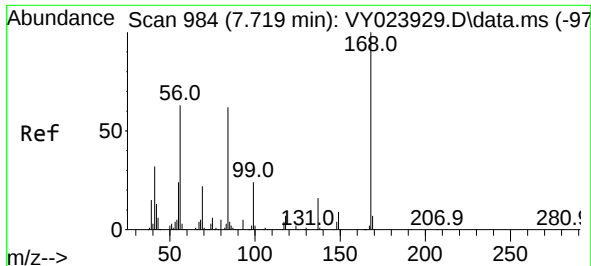
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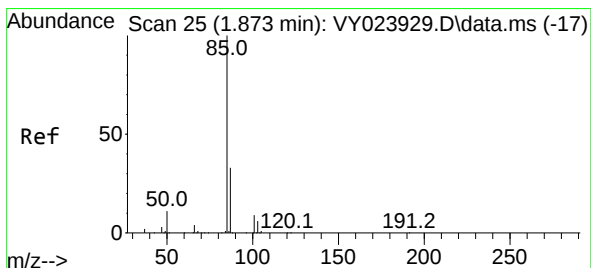
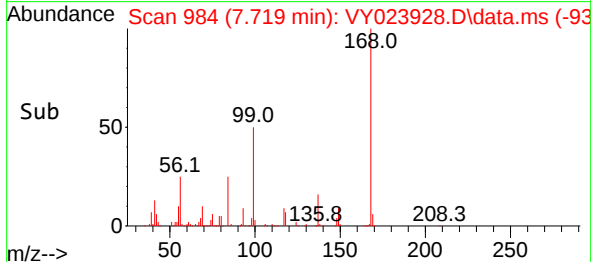
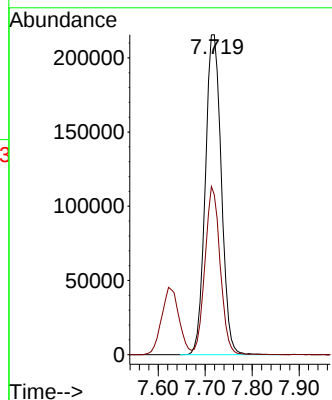
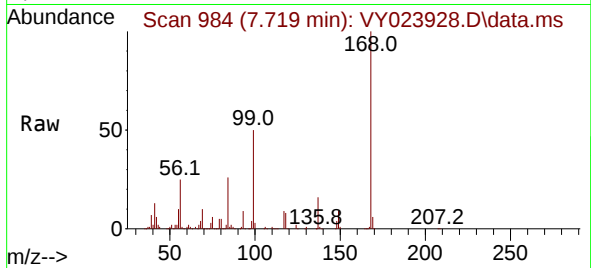




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
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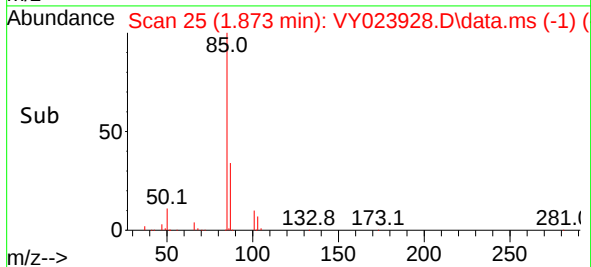
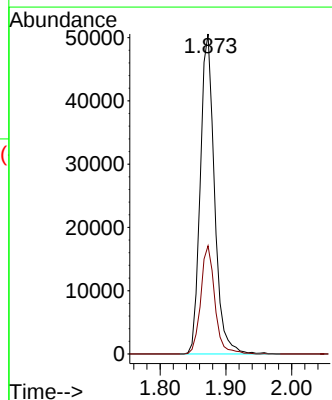
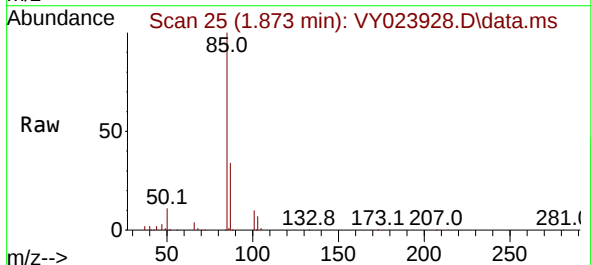
Instrument :
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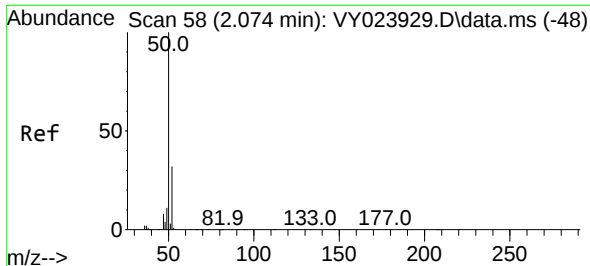
Tgt Ion:168 Resp: 507708
Ion Ratio Lower Upper
168 100
99 50.0 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 21.610 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 85 Resp: 76085
Ion Ratio Lower Upper
85 100
87 33.8 16.4 49.1

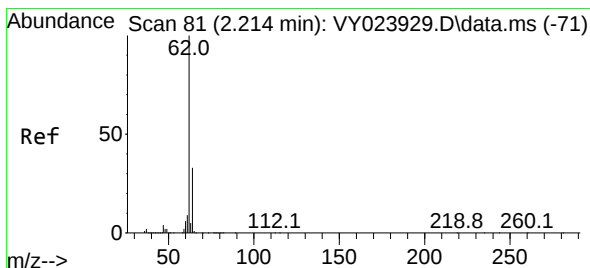
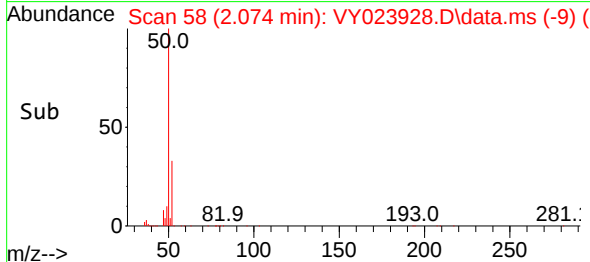
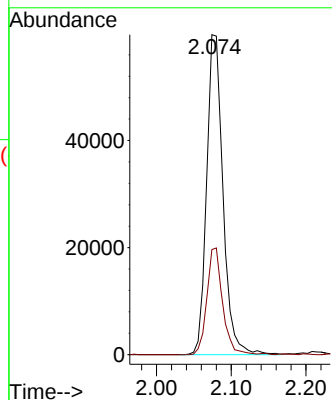
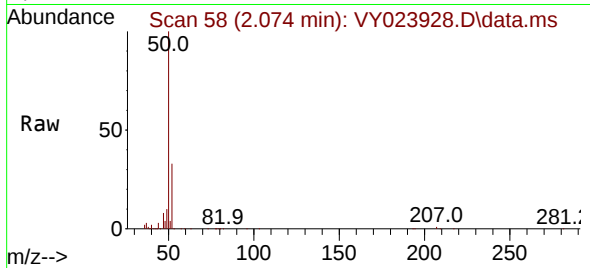




#3
Chloromethane
Concen: 20.093 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

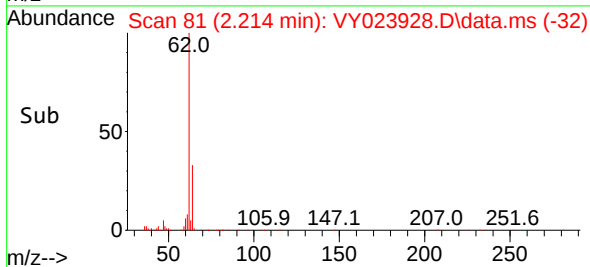
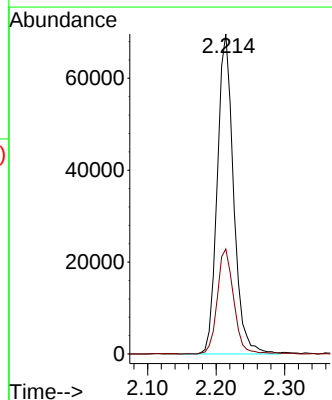
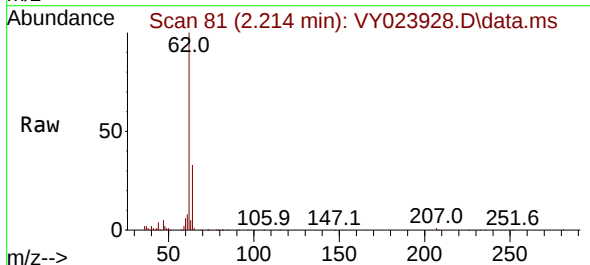
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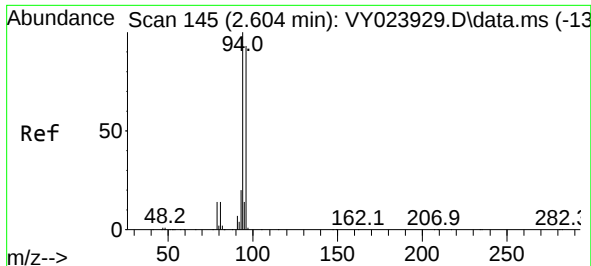
Tgt Ion: 50 Resp: 90879
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 20.507 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 62 Resp: 114611
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4

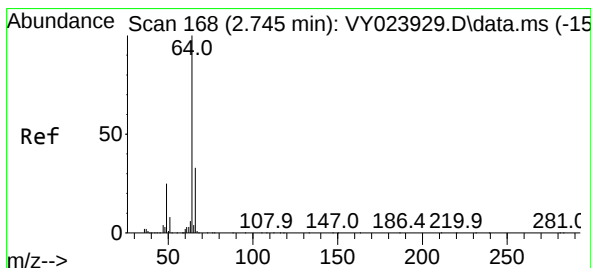
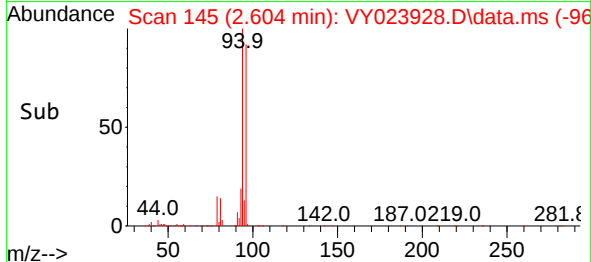
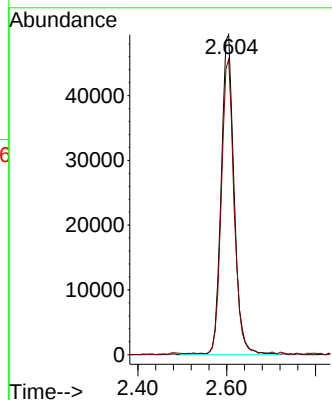
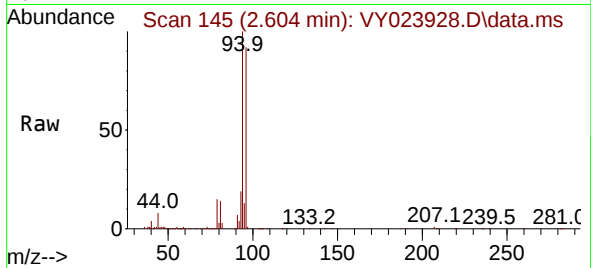




#5
Bromomethane
Concen: 20.879 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023928.D
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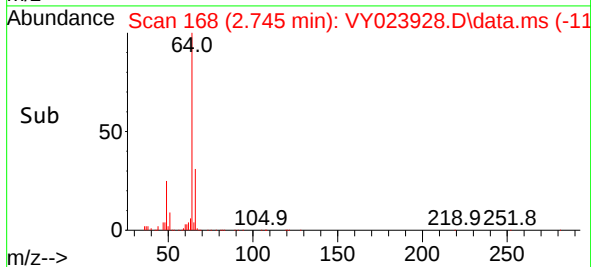
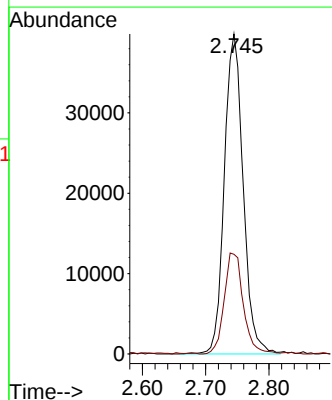
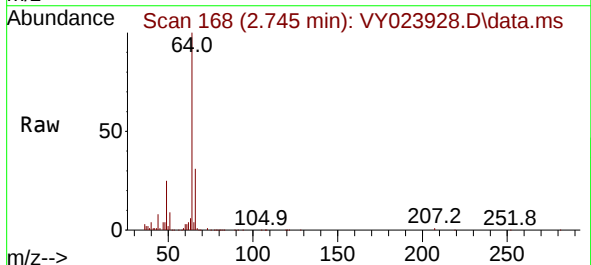
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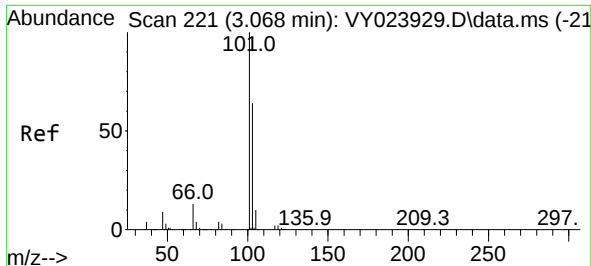
Tgt Ion: 94 Resp: 99352
Ion Ratio Lower Upper
94 100
96 91.8 74.8 112.2



#6
Chloroethane
Concen: 20.838 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY023928.D
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Tgt Ion: 64 Resp: 82059
Ion Ratio Lower Upper
64 100
66 31.0 26.0 39.0

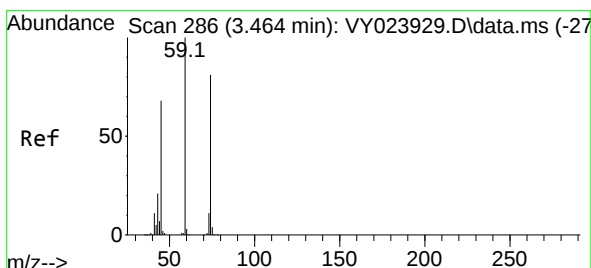
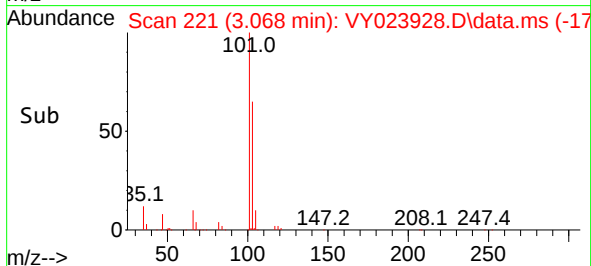
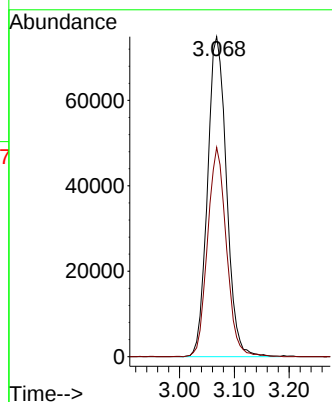
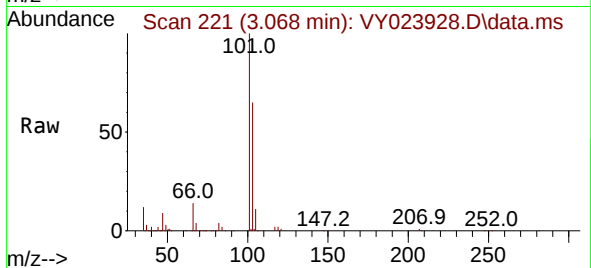




#7
Trichlorofluoromethane
Concen: 21.387 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023928.D
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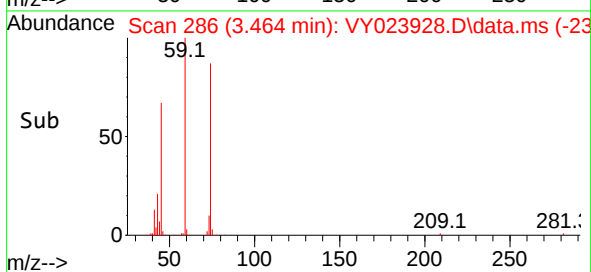
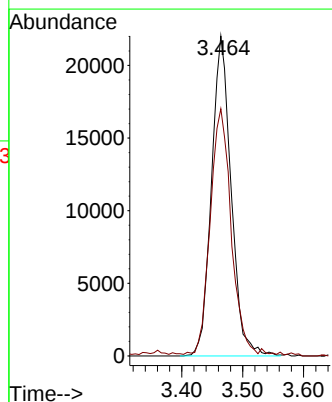
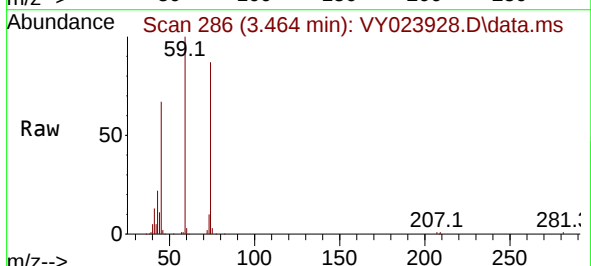
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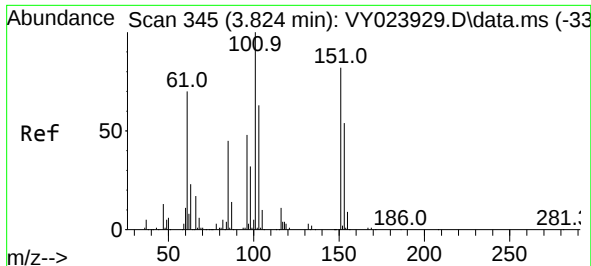
Tgt Ion:101 Resp: 179955
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2



#8
Diethyl Ether
Concen: 21.353 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 49358
Ion Ratio Lower Upper
74 100
45 81.3 42.0 126.1

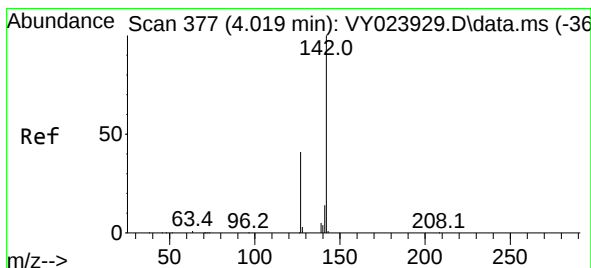
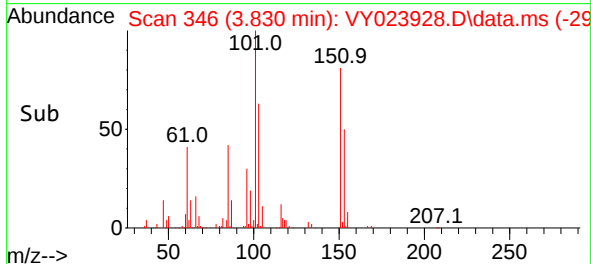
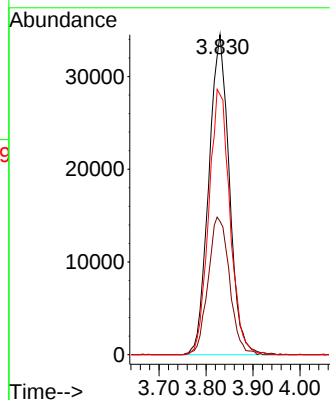
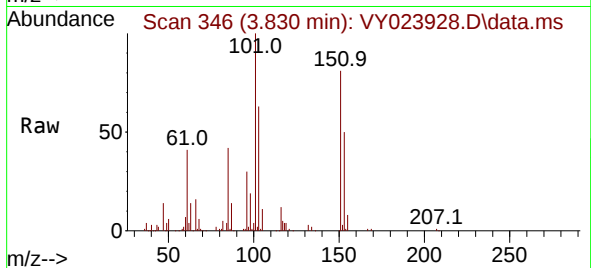




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.377 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

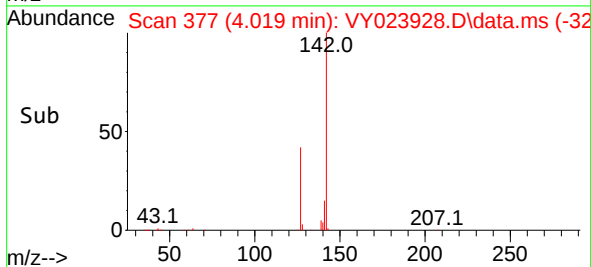
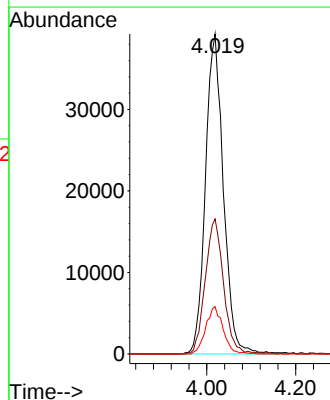
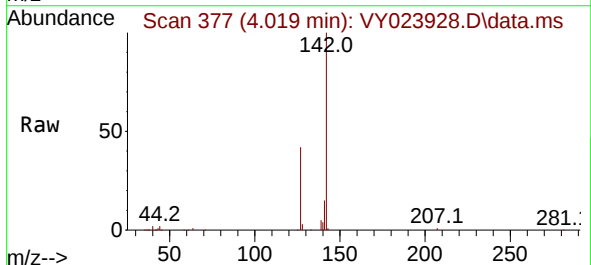
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

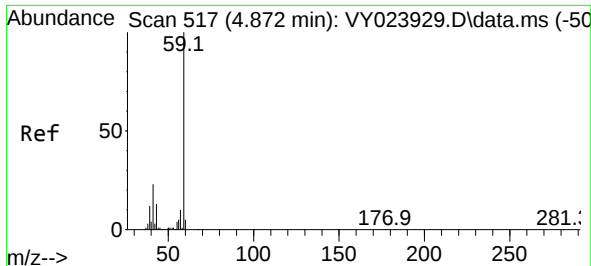
Tgt Ion:101 Resp: 104825
Ion Ratio Lower Upper
101 100
85 44.8 35.1 52.7
151 85.1 67.2 100.8



#10
Methyl Iodide
Concen: 18.164 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:142 Resp: 110130
Ion Ratio Lower Upper
142 100
127 43.1 34.5 51.7
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 106.434 ug/l

RT: 4.878 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

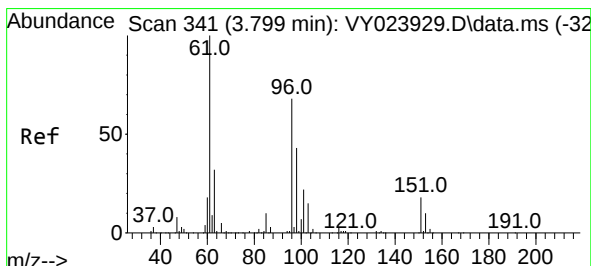
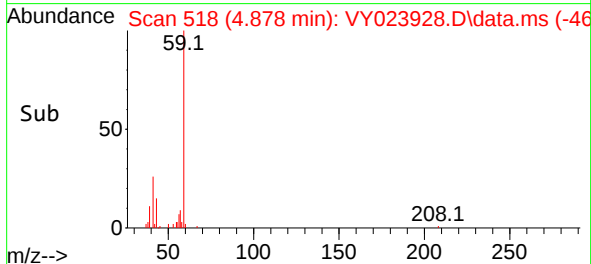
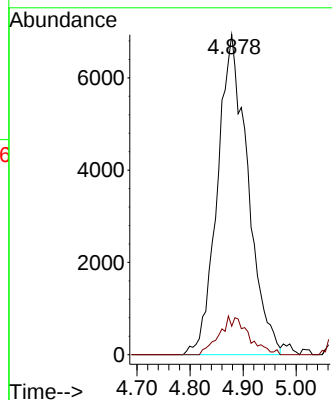
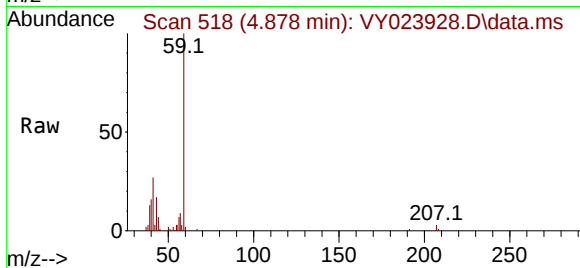
VSTDIC020

Tgt Ion: 59 Resp: 27666

Ion Ratio Lower Upper

59 100

57 11.5 8.7 13.1



#12

1,1-Dichloroethene

Concen: 20.965 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

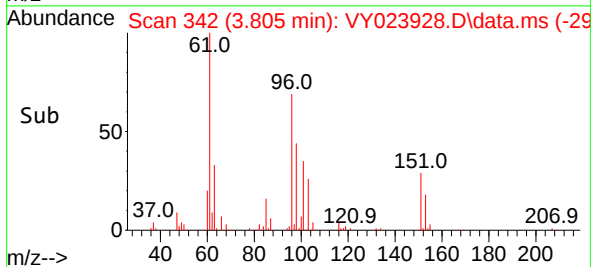
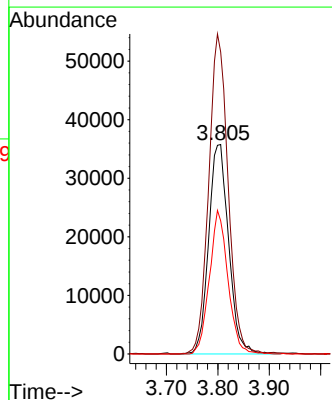
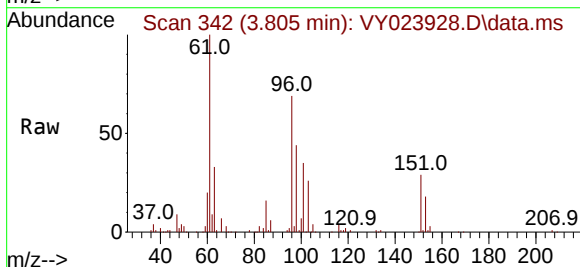
Tgt Ion: 96 Resp: 96594

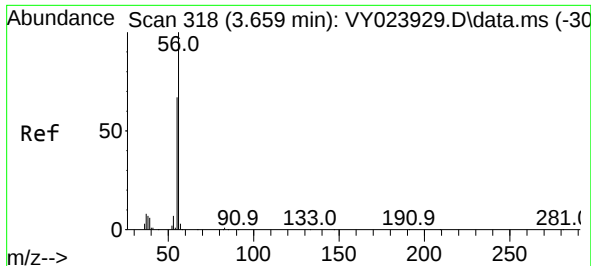
Ion Ratio Lower Upper

96 100

61 144.1 117.0 175.6

98 63.6 50.5 75.7

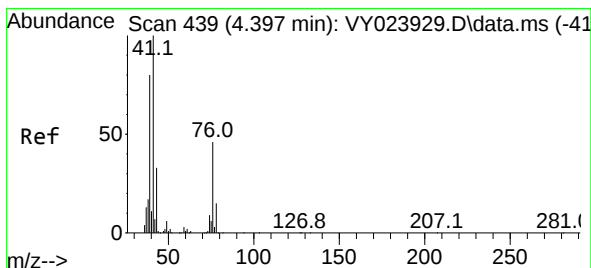
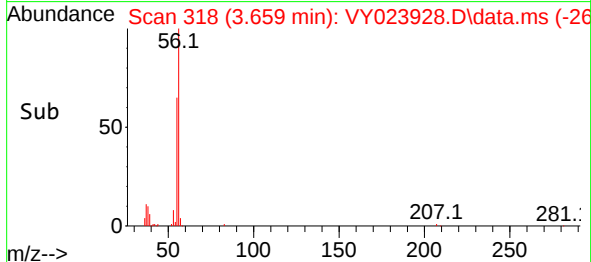
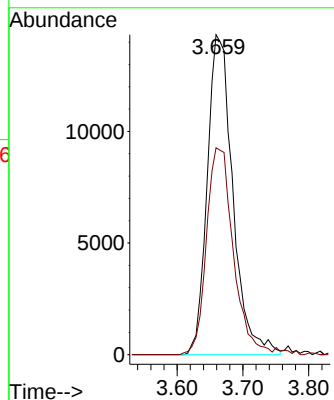
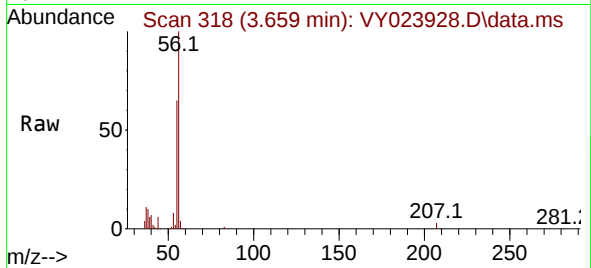




#13
Acrolein
Concen: 93.276 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

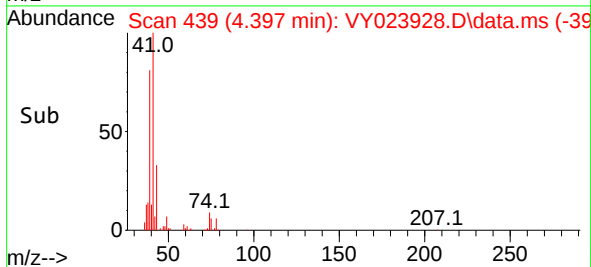
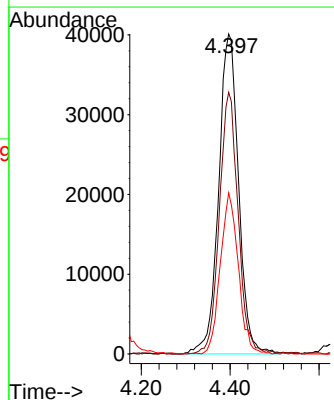
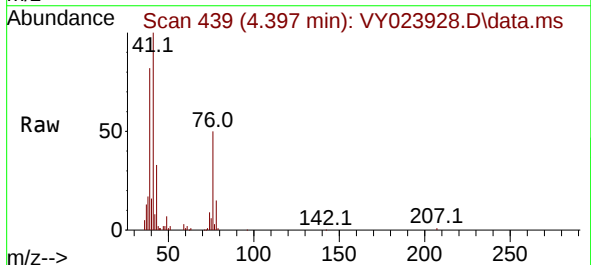
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

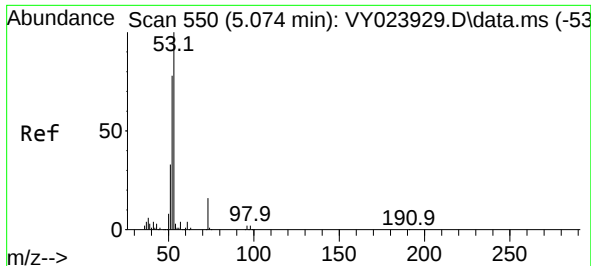
Tgt Ion: 56 Resp: 38778
Ion Ratio Lower Upper
56 100
55 67.6 55.7 83.5



#14
Allyl chloride
Concen: 21.195 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 41 Resp: 124952
Ion Ratio Lower Upper
41 100
39 76.2 62.9 94.3
76 45.3 35.7 53.5

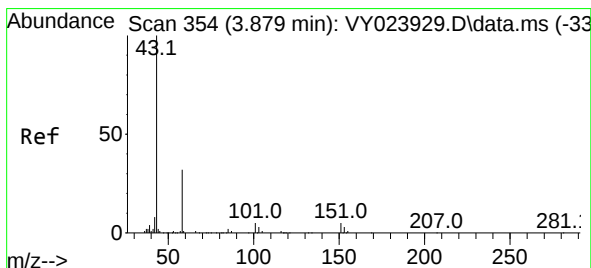
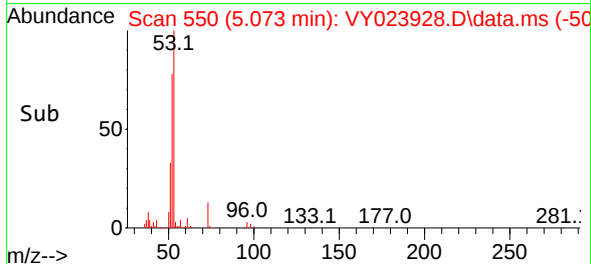
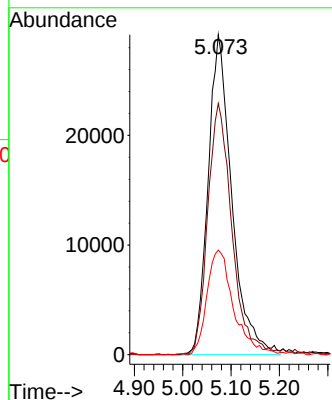
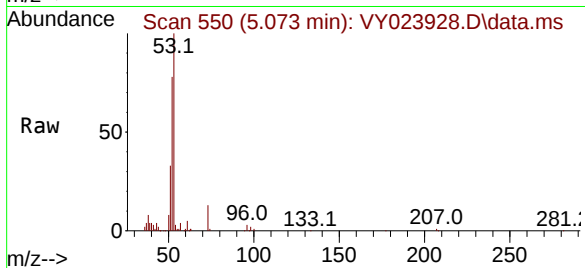




#15
Acrylonitrile
Concen: 107.843 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

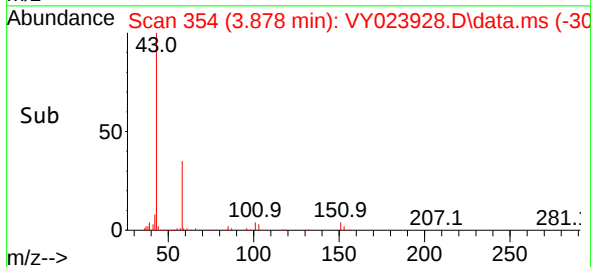
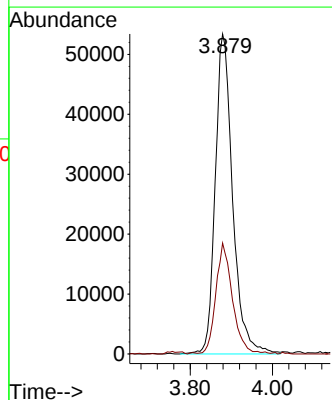
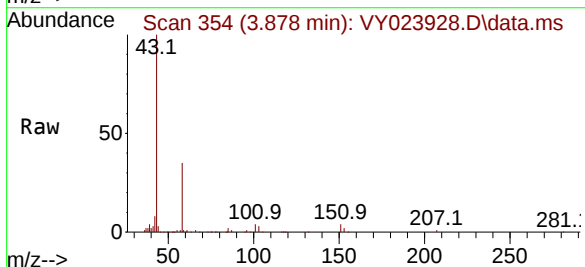
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

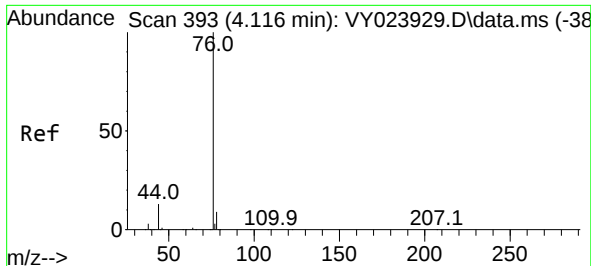
Tgt Ion: 53 Resp: 99321
Ion Ratio Lower Upper
53 100
52 79.6 64.2 96.2
51 36.6 29.3 43.9



#16
Acetone
Concen: 117.870 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 43 Resp: 156718
Ion Ratio Lower Upper
43 100
58 34.5 26.4 39.6

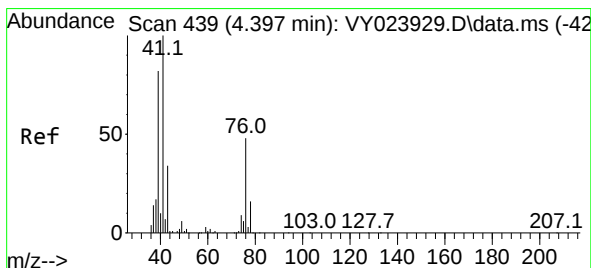
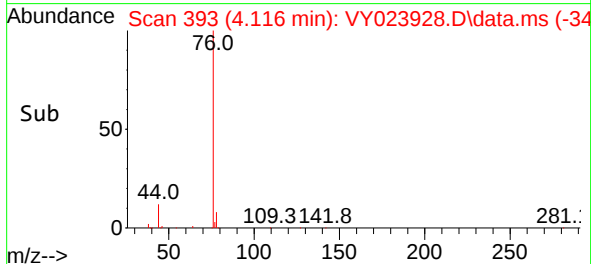
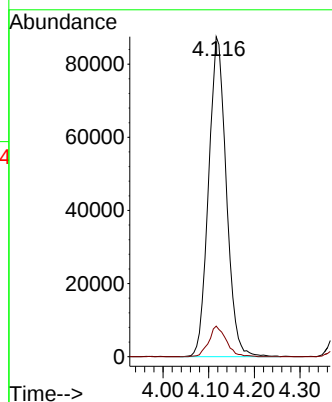
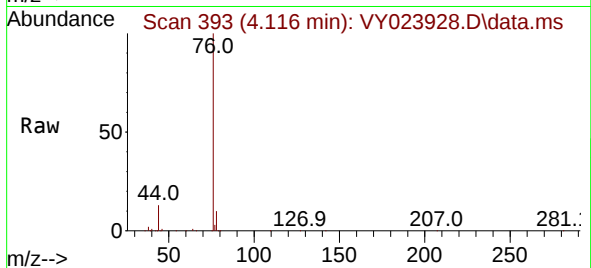




#17
Carbon Disulfide
Concen: 19.249 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

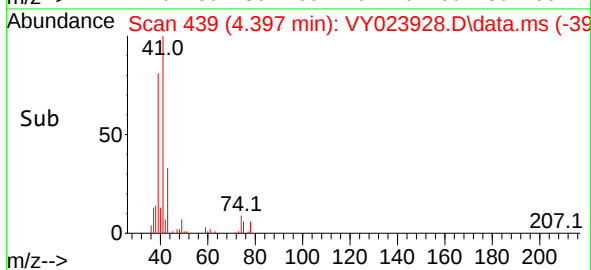
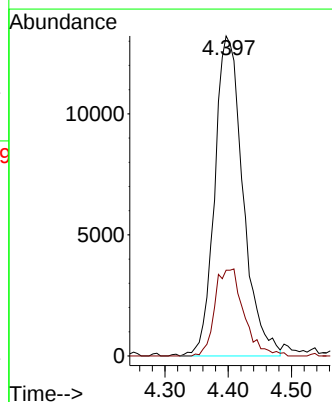
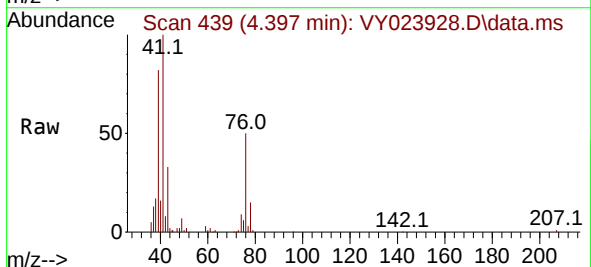
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

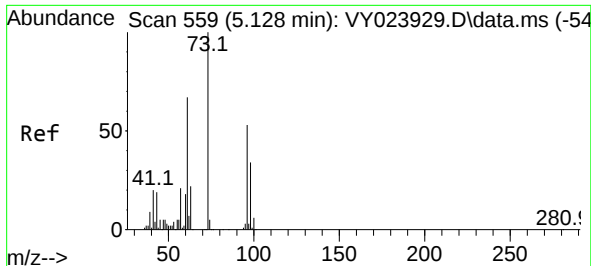
Tgt Ion: 76 Resp: 235524
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 20.193 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 43 Resp: 41012
Ion Ratio Lower Upper
43 100
74 27.8 22.6 33.8





#19

Methyl tert-butyl Ether

Concen: 21.138 ug/l

RT: 5.128 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

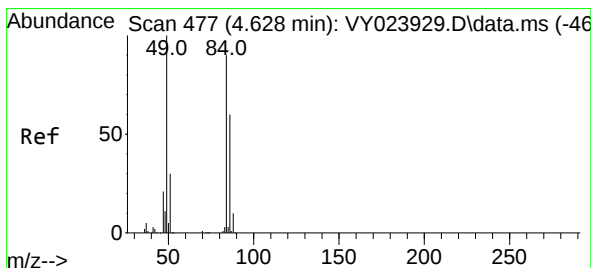
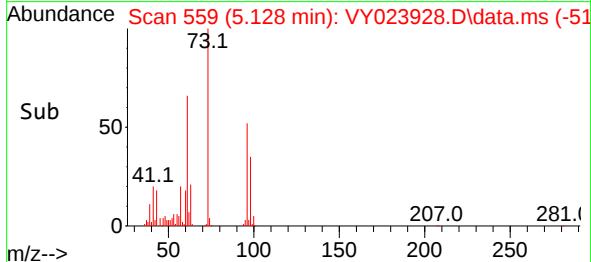
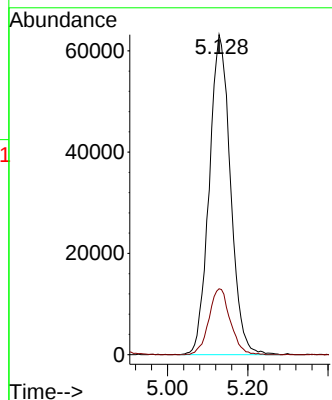
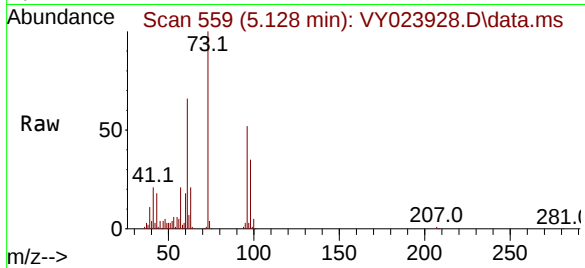
VSTDICC020

Tgt Ion: 73 Resp: 232898

Ion Ratio Lower Upper

73 100

57 20.6 17.1 25.7



#20

Methylene Chloride

Concen: 20.999 ug/l

RT: 4.628 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Tgt Ion: 84 Resp: 110891

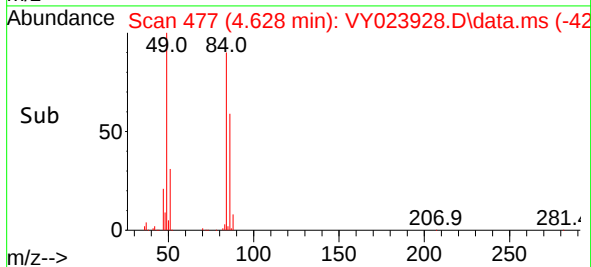
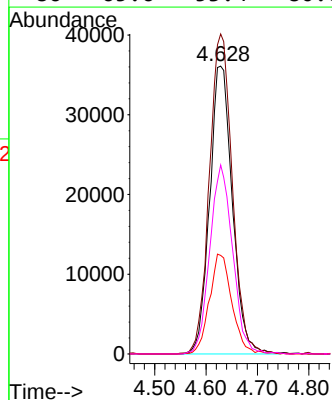
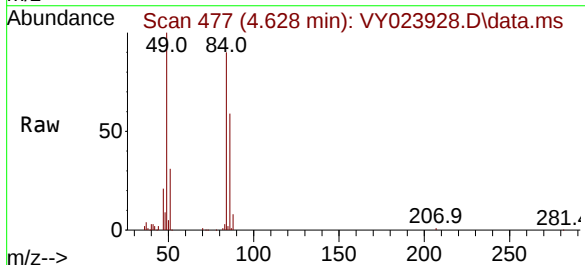
Ion Ratio Lower Upper

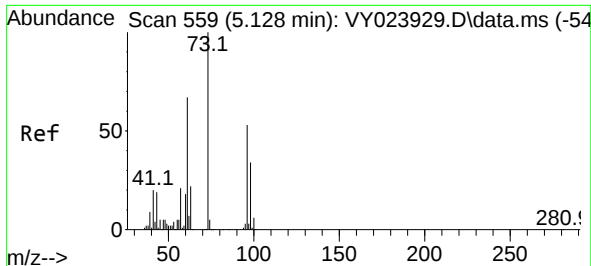
84 100

49 110.9 89.1 133.7

51 34.2 26.6 39.8

86 65.6 53.4 80.0

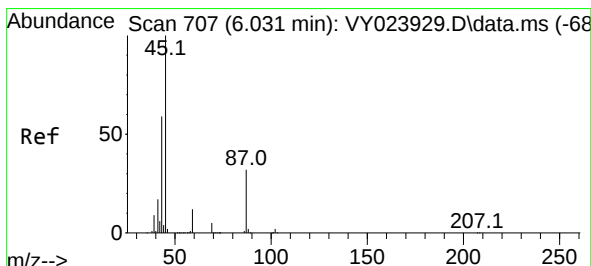
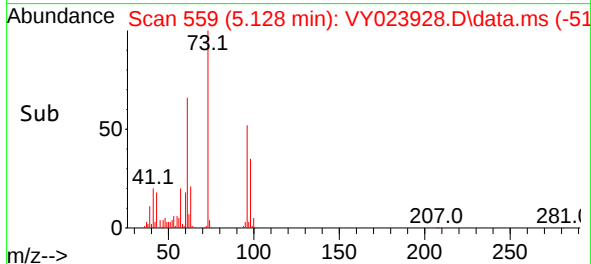
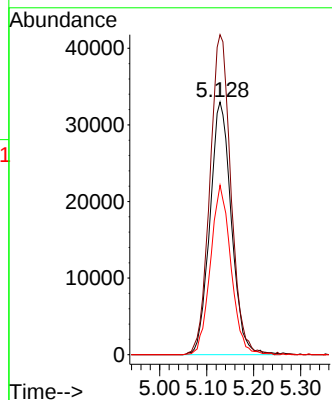
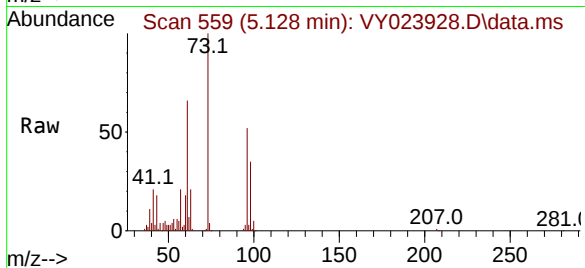




#21
trans-1,2-Dichloroethene
Concen: 20.701 ug/l
RT: 5.128 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

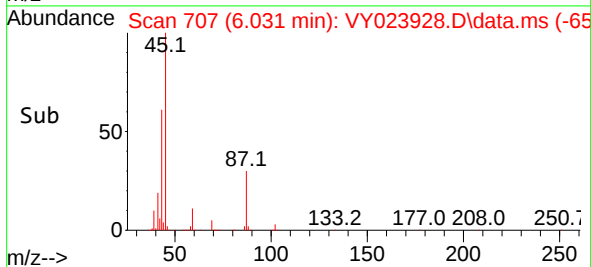
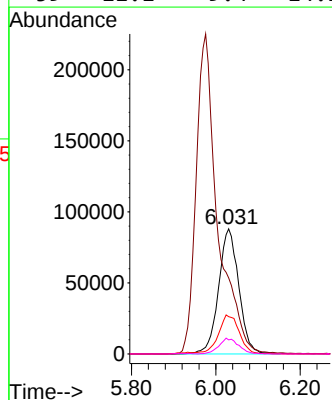
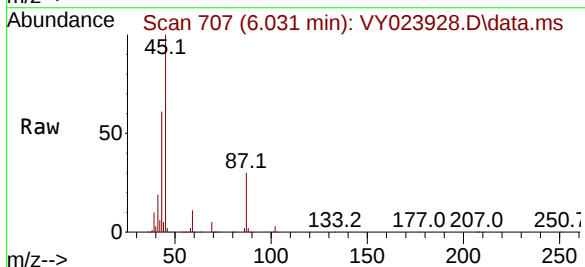
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

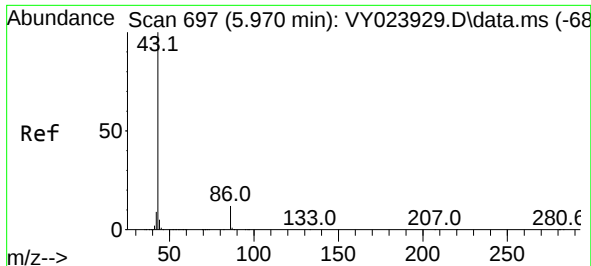
Tgt Ion: 96 Resp: 104702
Ion Ratio Lower Upper
96 100
61 126.7 101.4 152.0
98 67.1 51.7 77.5



#22
Diisopropyl ether
Concen: 21.774 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 45 Resp: 292296
Ion Ratio Lower Upper
45 100
43 59.9 47.0 70.6
87 29.7 26.0 39.0
59 11.1 9.4 14.2

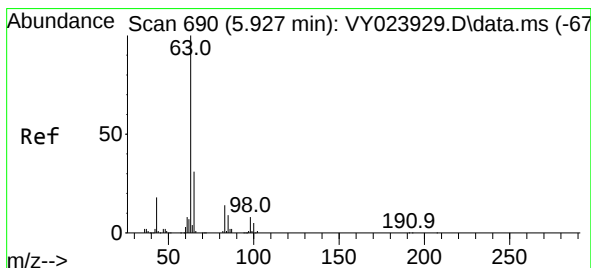
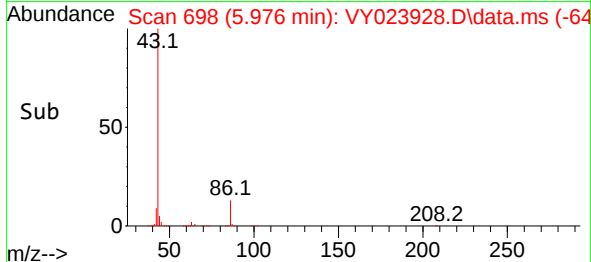
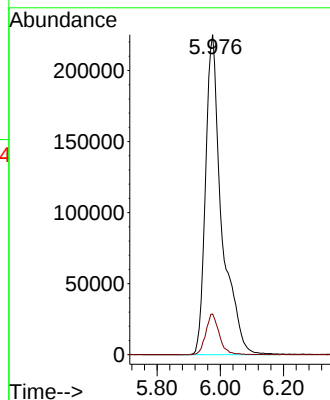
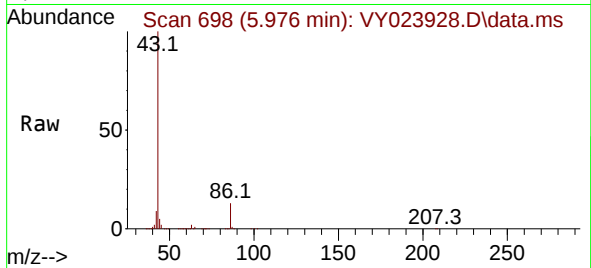




#23
 Vinyl Acetate
 Concen: 107.365 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023928.D
 Acq: 10 Dec 2025 09:44

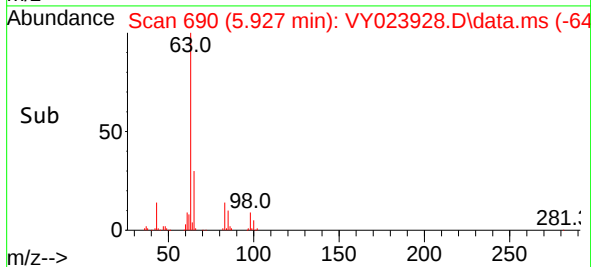
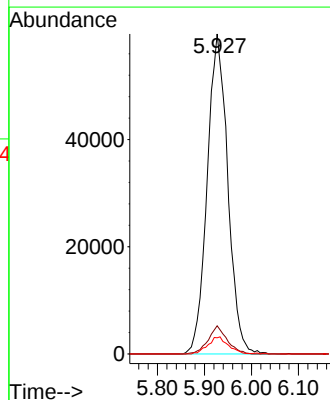
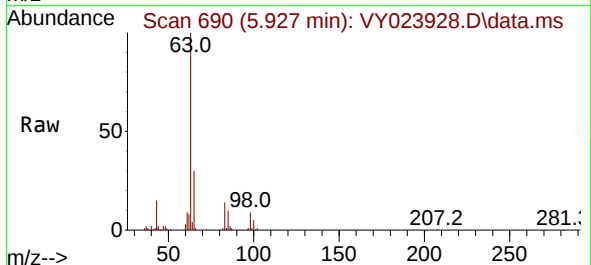
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

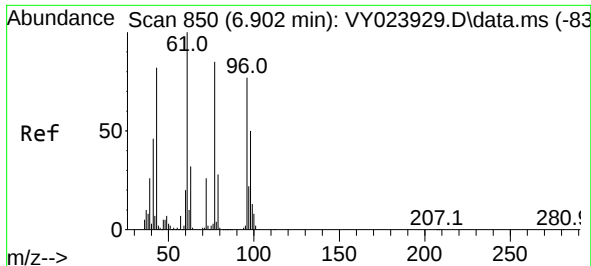
Tgt Ion: 43 Resp: 800822
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 21.683 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY023928.D
 Acq: 10 Dec 2025 09:44

Tgt Ion: 63 Resp: 181430
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.8 11.4
 100 5.1 2.3 6.9

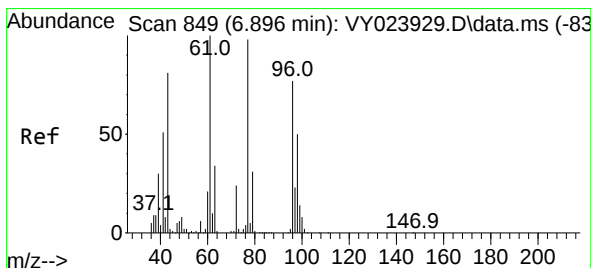
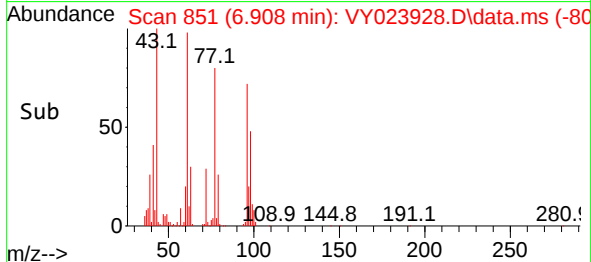
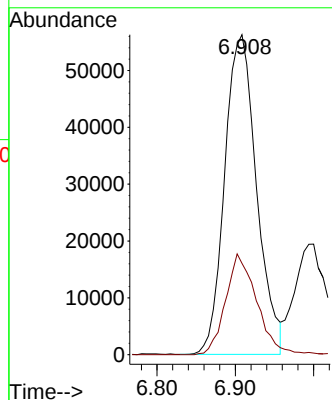
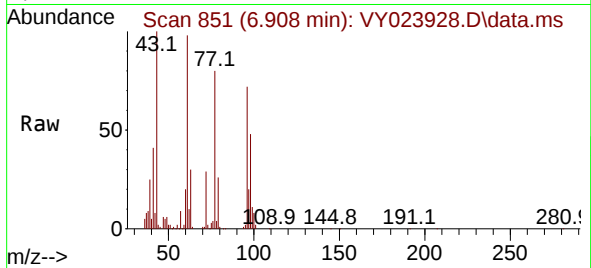




#25
2-Butanone
Concen: 114.843 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

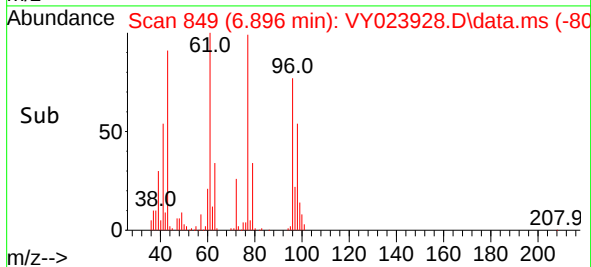
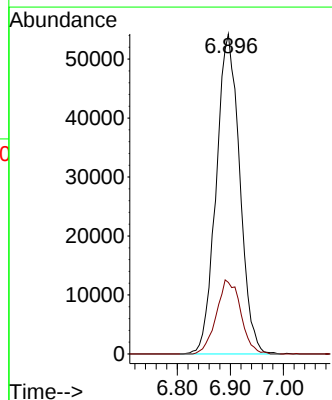
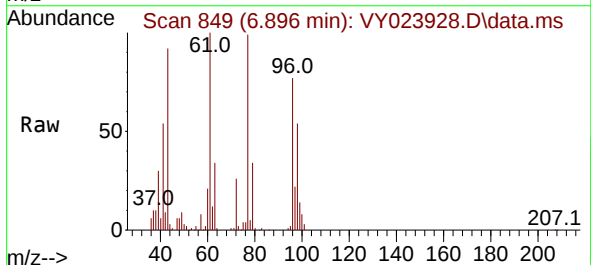
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

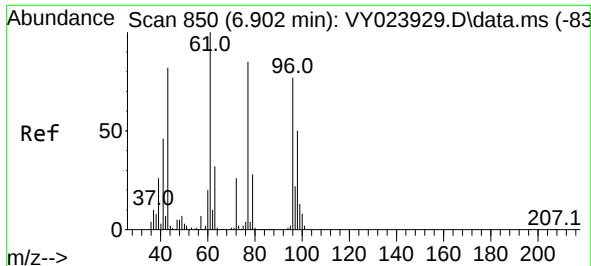
Tgt Ion: 43 Resp: 159315
Ion Ratio Lower Upper
43 100
72 28.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 21.357 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 77 Resp: 166850
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.9

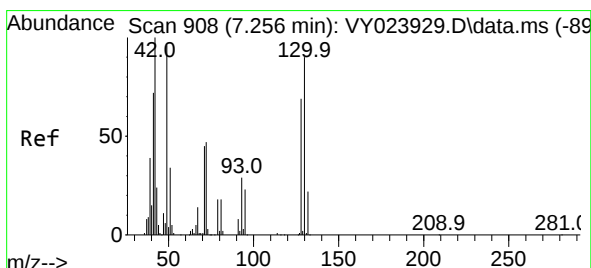
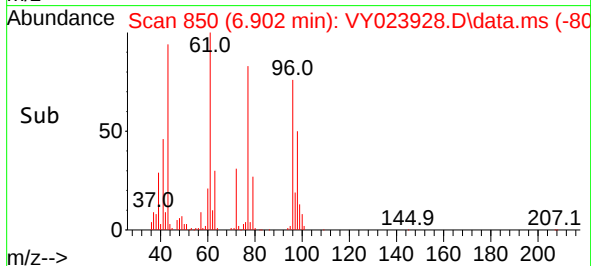
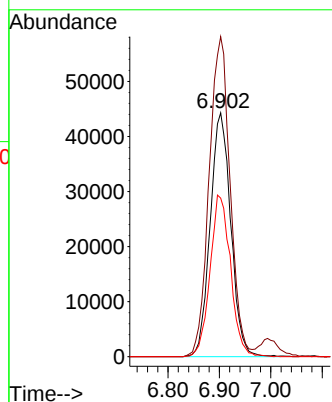
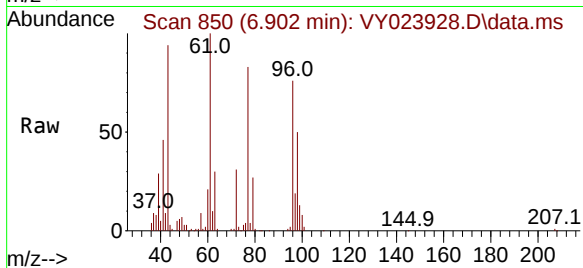




#27
 cis-1,2-Dichloroethene
 Concen: 21.215 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY023928.D
 Acq: 10 Dec 2025 09:44

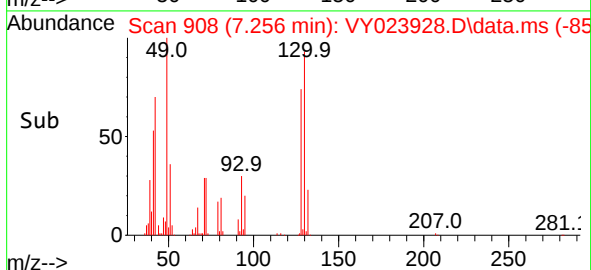
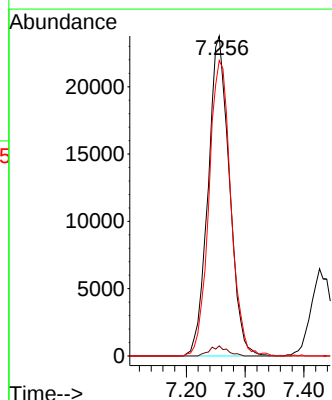
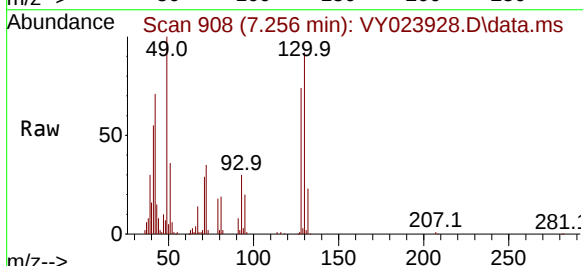
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

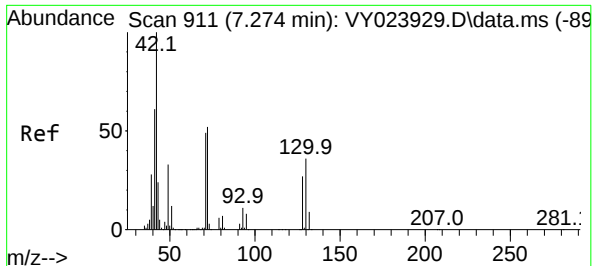
Tgt Ion: 96 Resp: 123179
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 264.6
 98 65.9 0.0 129.6



#28
 Bromochloromethane
 Concen: 19.053 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY023928.D
 Acq: 10 Dec 2025 09:44

Tgt Ion: 49 Resp: 60057
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.4
 130 94.3 74.4 111.6

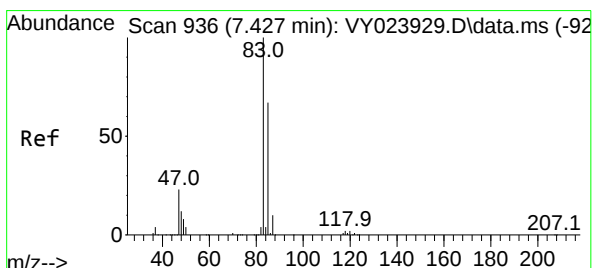
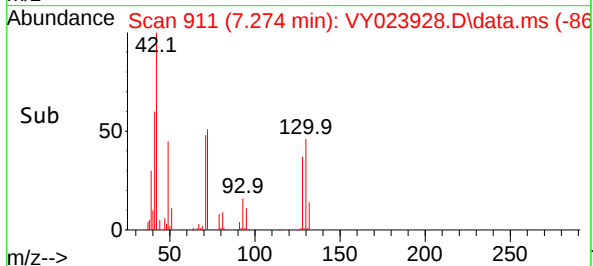
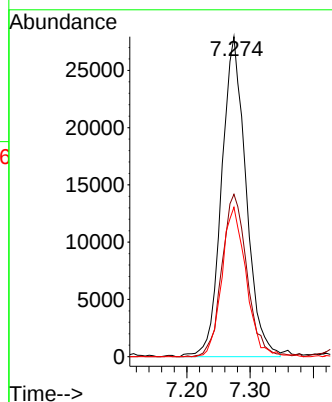
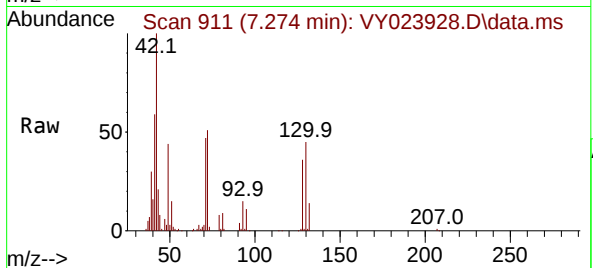




#29
Tetrahydrofuran
Concen: 105.587 ug/l
RT: 7.274 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

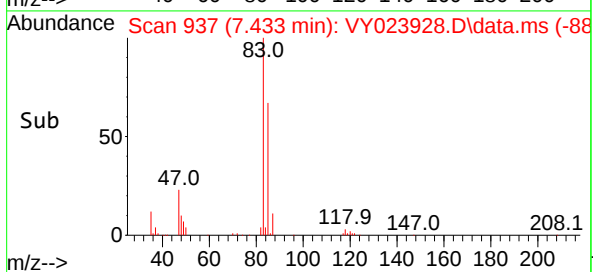
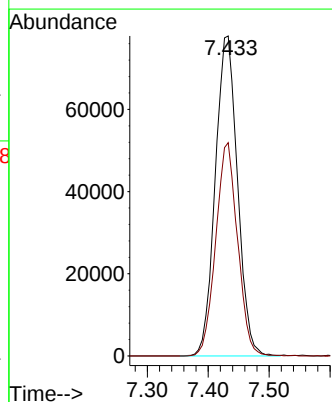
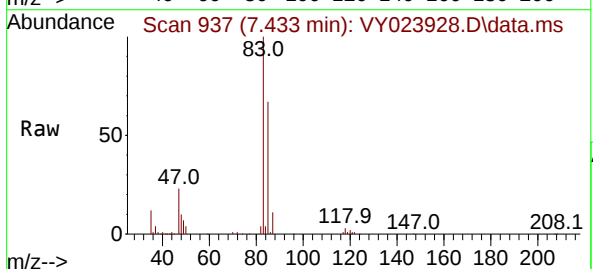
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

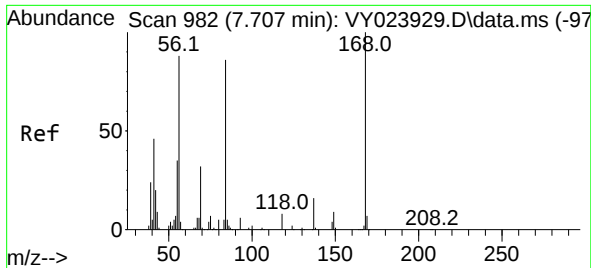
Tgt Ion:	42	Resp:	74701
Ion	Ratio	Lower	Upper
42	100		
72	52.2	40.0	60.0
71	46.5	37.7	56.5



#30
Chloroform
Concen: 21.620 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:	83	Resp:	197603
Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.4	80.0

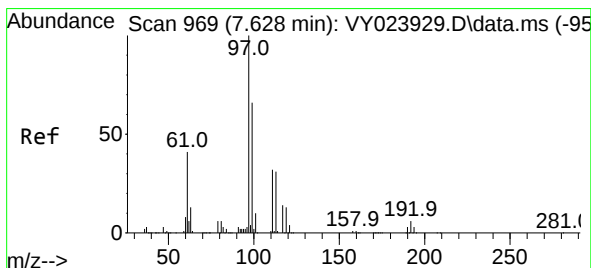
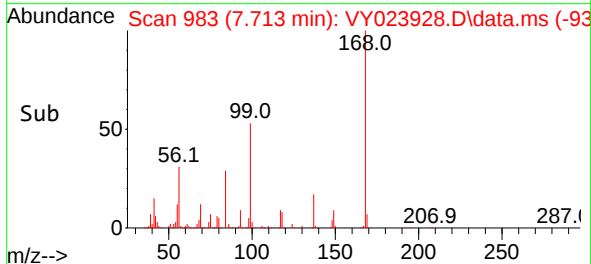
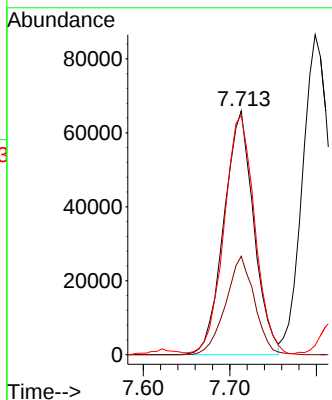
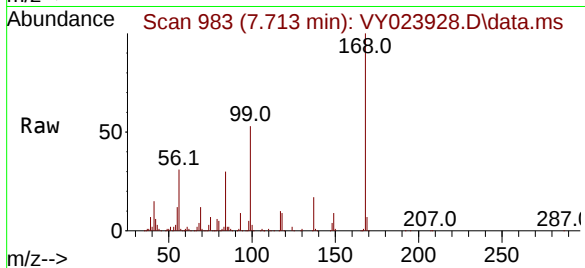




#31
Cyclohexane
Concen: 20.537 ug/l
RT: 7.713 min Scan# 913
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

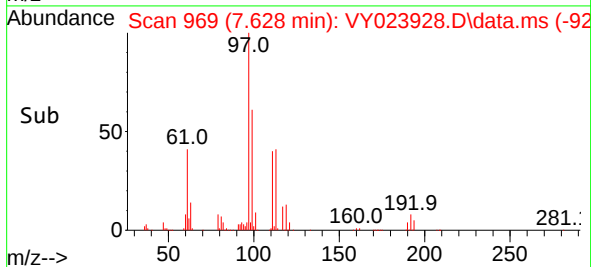
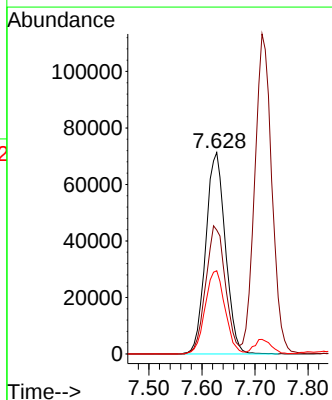
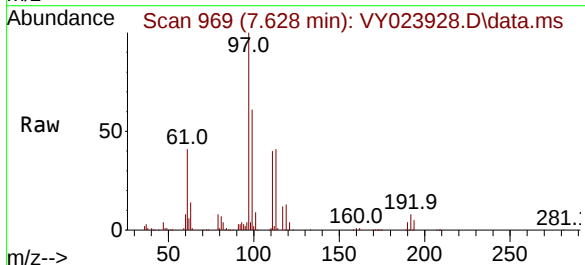
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

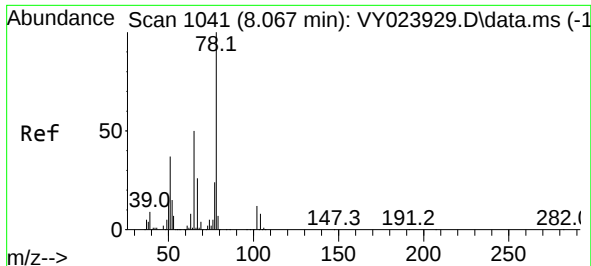
Tgt Ion: 56 Resp: 158099
Ion Ratio Lower Upper
56 100
69 40.4 29.1 43.7
84 97.0 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 21.609 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 97 Resp: 183152
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 42.1 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 23.144 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

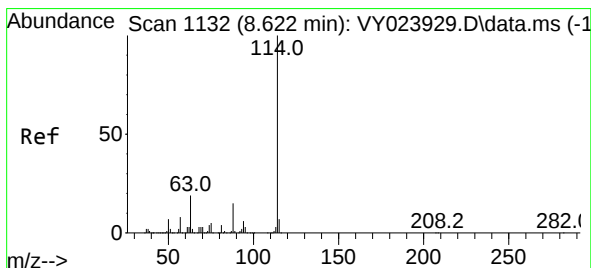
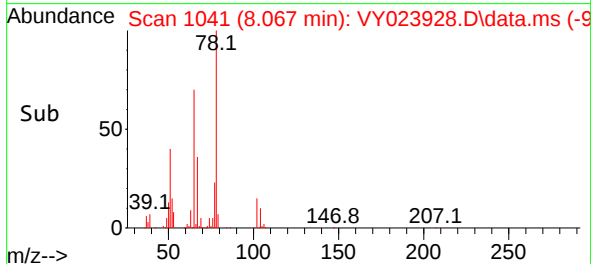
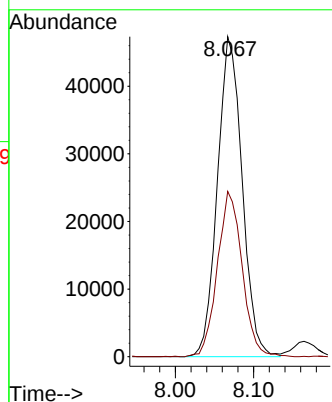
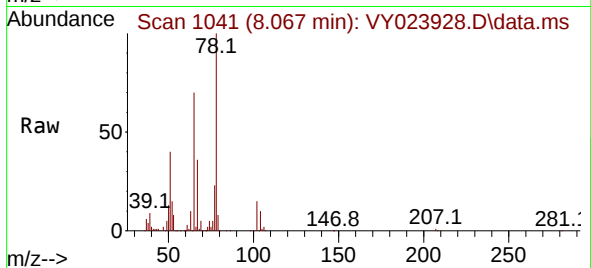
VSTDICC020

Tgt Ion: 65 Resp: 103890

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

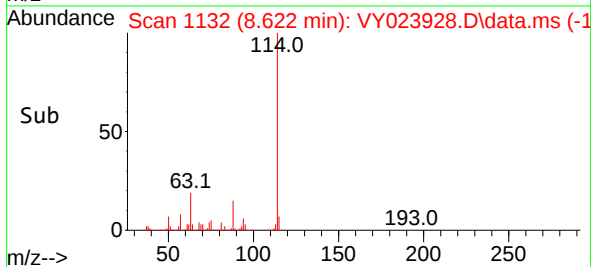
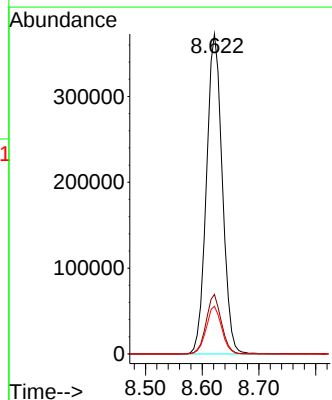
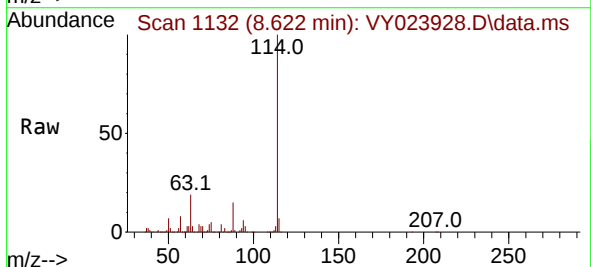
Tgt Ion: 114 Resp: 722353

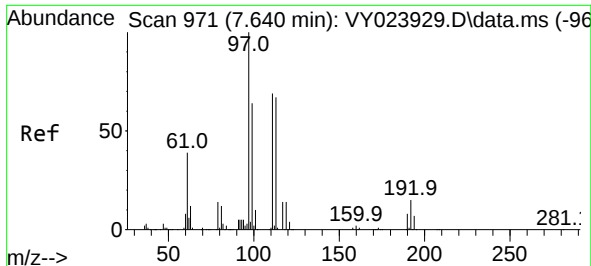
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.2

88 14.9 0.0 29.4

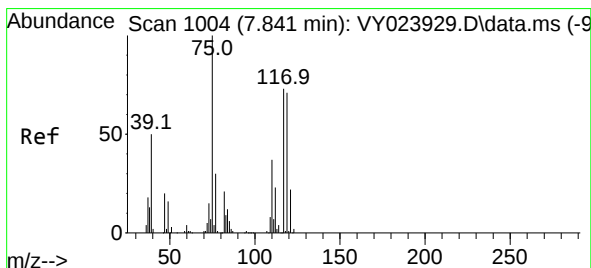
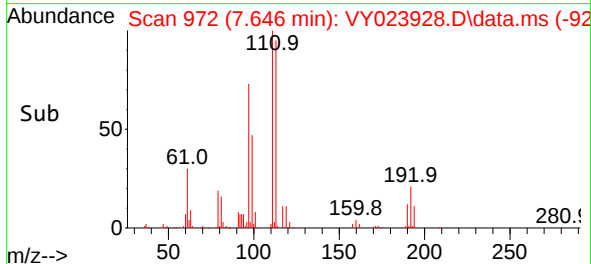
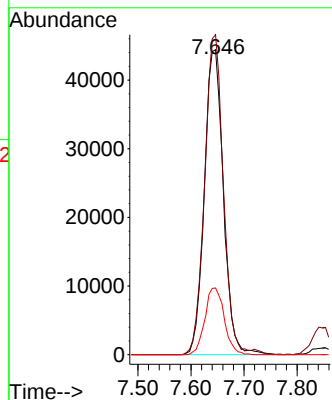
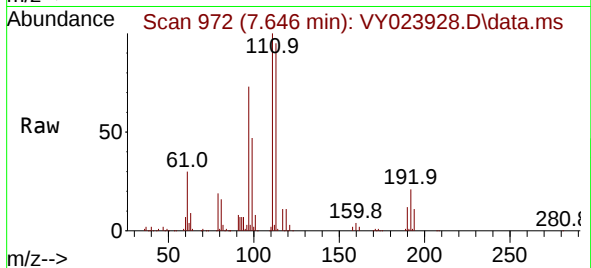




#35
Dibromofluoromethane
Concen: 23.434 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

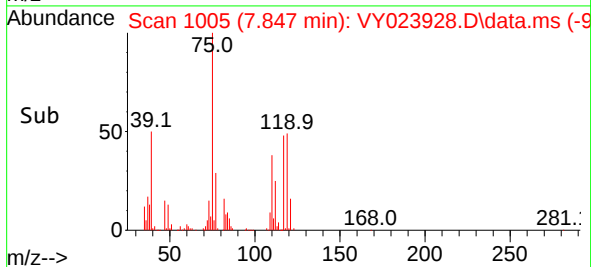
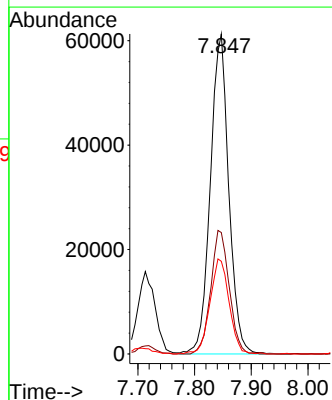
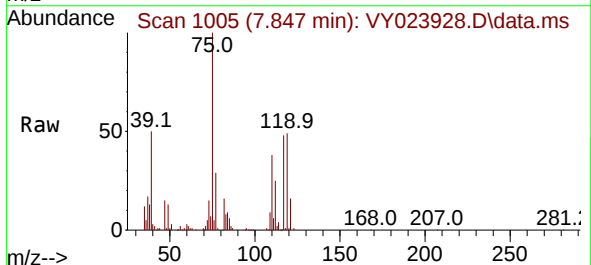
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

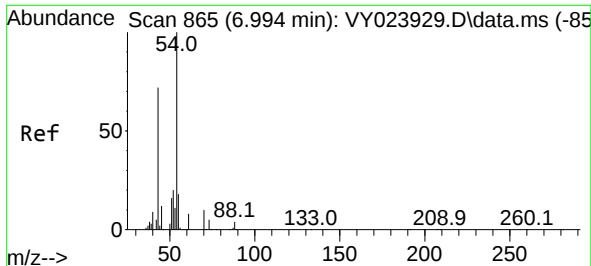
Tgt Ion:113 Resp: 110654
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 22.3 17.9 26.9



#36
1,1-Dichloropropene
Concen: 21.522 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 75 Resp: 138356
Ion Ratio Lower Upper
75 100
110 38.7 19.2 57.6
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 21.404 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

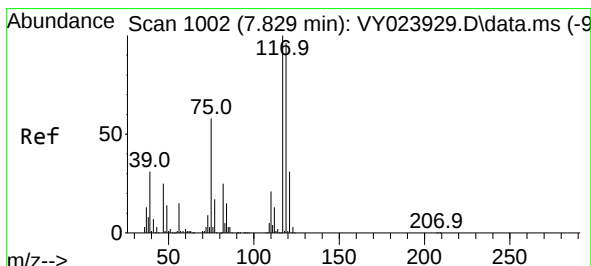
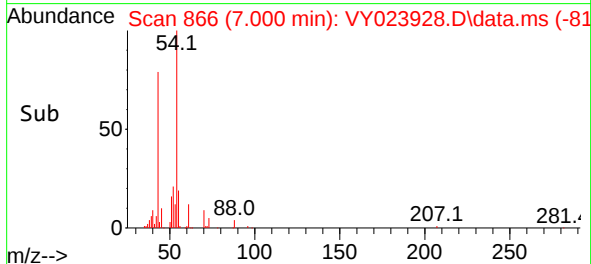
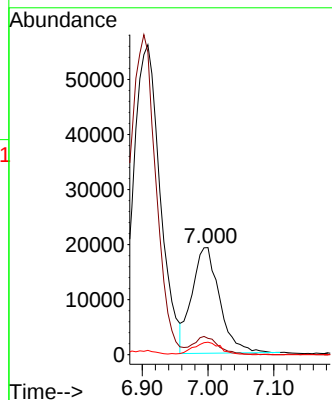
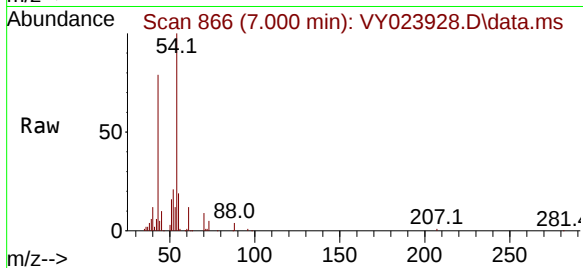
Tgt Ion: 43 Resp: 56031

Ion Ratio Lower Upper

43 100

61 15.4 11.9 17.9

70 11.6 9.2 13.8



#38

Carbon Tetrachloride

Concen: 21.792 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

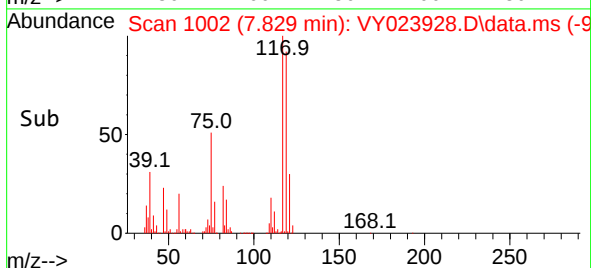
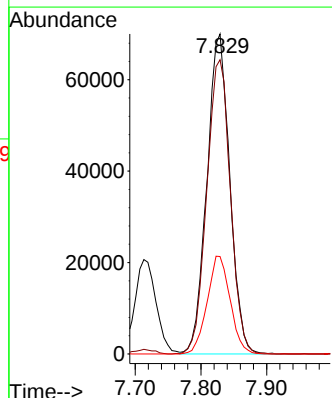
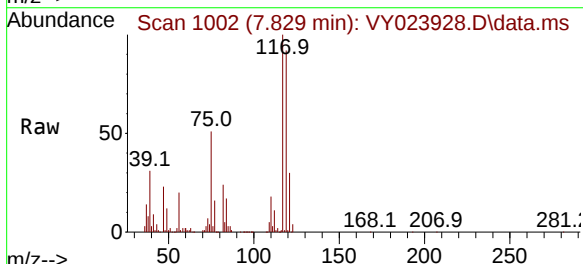
Tgt Ion: 117 Resp: 169803

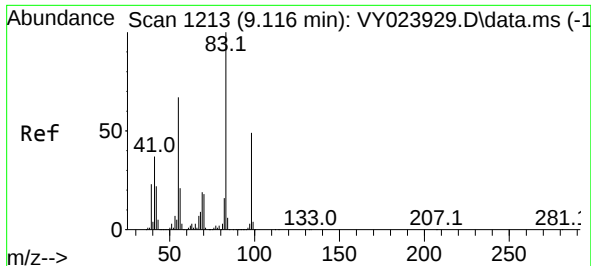
Ion Ratio Lower Upper

117 100

119 92.0 76.6 114.8

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 20.562 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

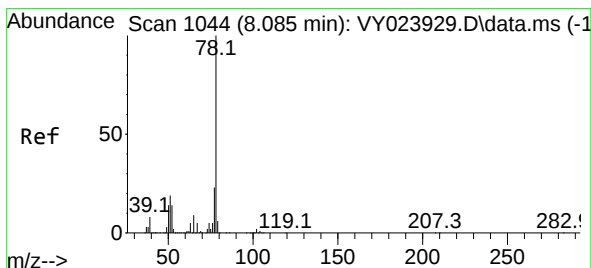
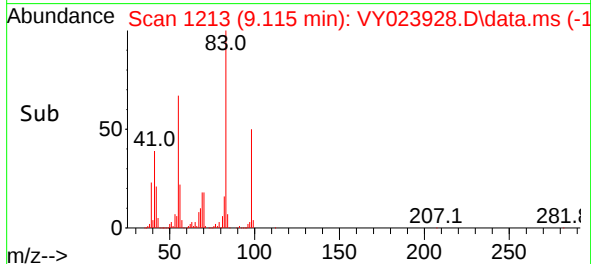
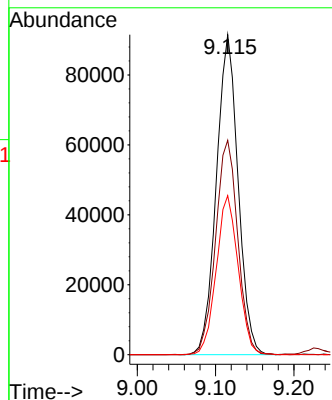
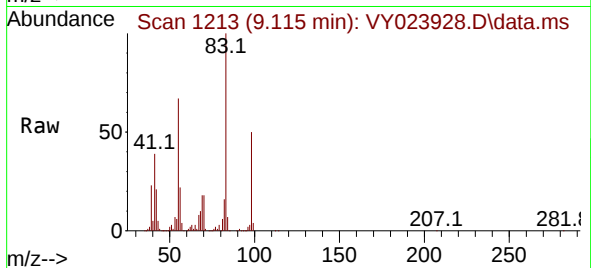
Tgt Ion: 83 Resp: 176603

Ion Ratio Lower Upper

83 100

55 67.0 53.4 80.0

98 49.7 39.2 58.8



#40

Benzene

Concen: 21.487 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023928.D

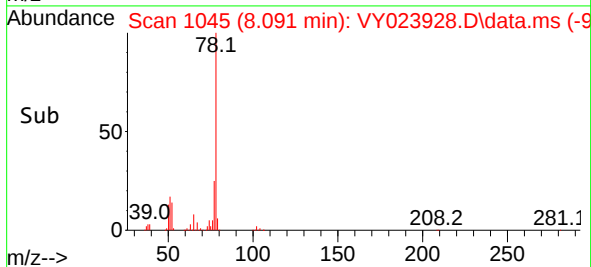
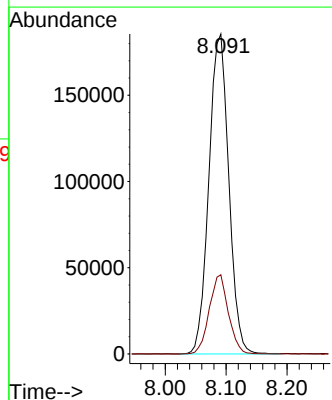
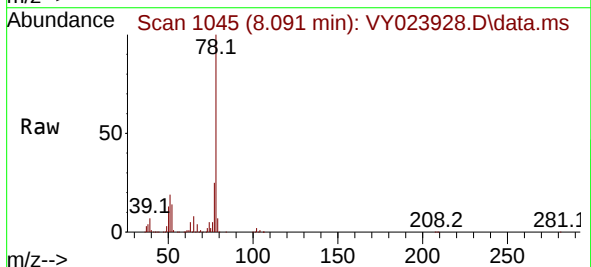
Acq: 10 Dec 2025 09:44

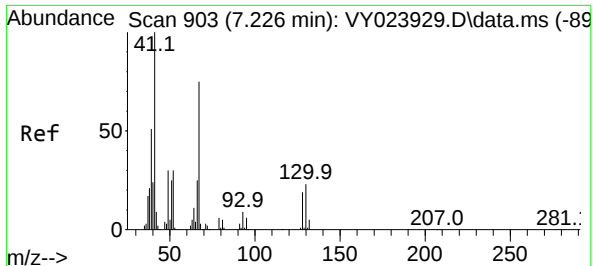
Tgt Ion: 78 Resp: 420644

Ion Ratio Lower Upper

78 100

77 24.8 18.3 27.5

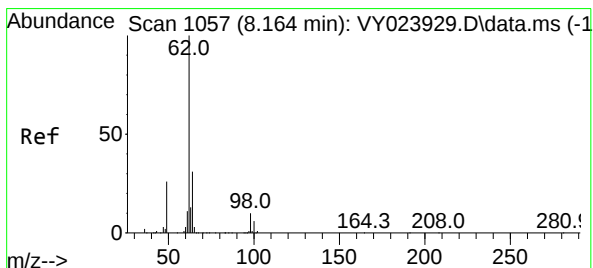
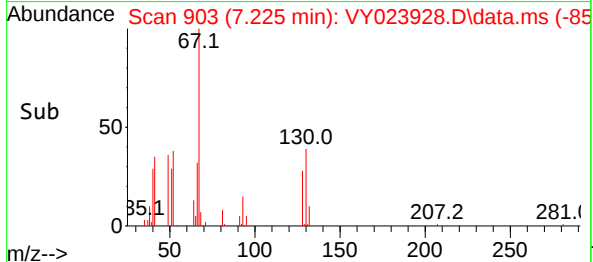
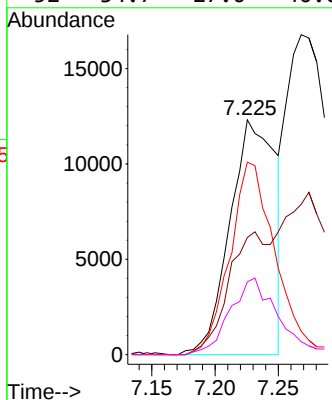
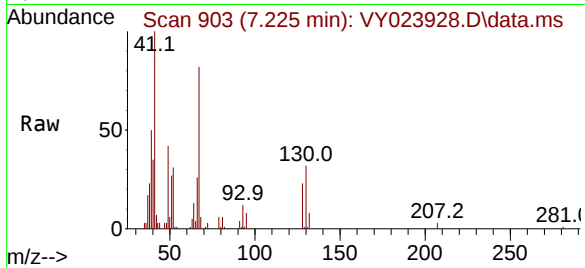




#41
Methacrylonitrile
Concen: 21.375 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

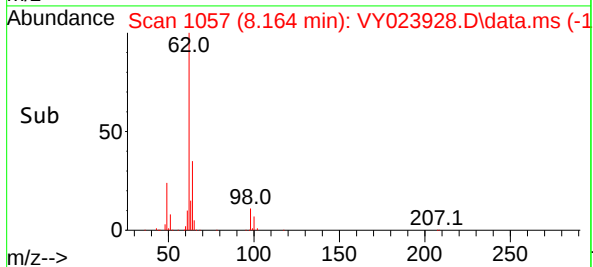
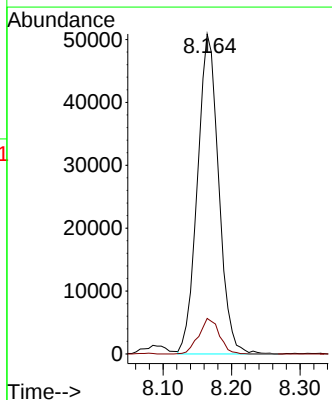
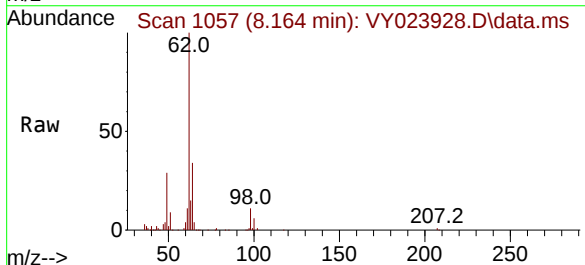
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

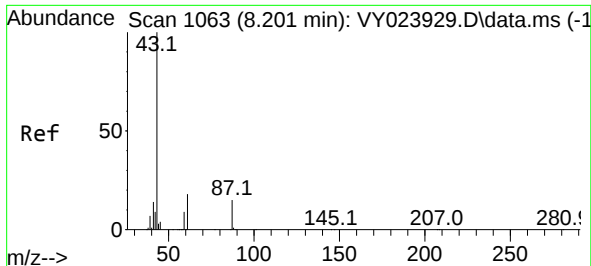
Tgt Ion: 41 Resp: 30782
Ion Ratio Lower Upper
41 100
39 40.7 50.6 75.8#
67 83.2 68.0 102.0
52 34.7 27.0 40.6



#42
1,2-Dichloroethane
Concen: 21.435 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 62 Resp: 110040
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8

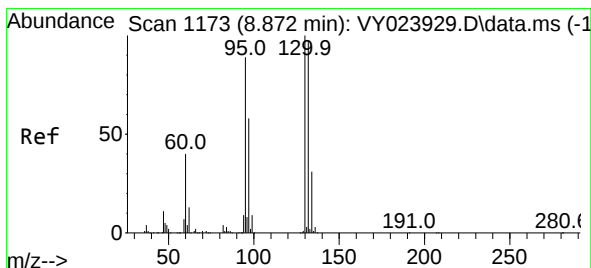
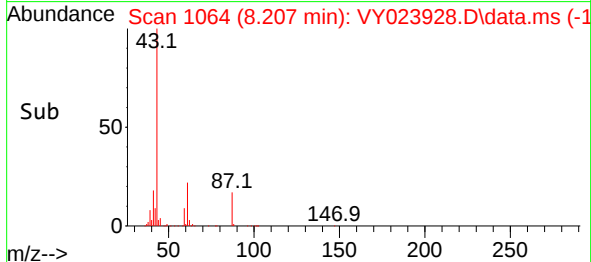
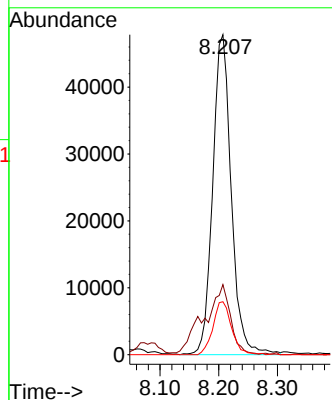
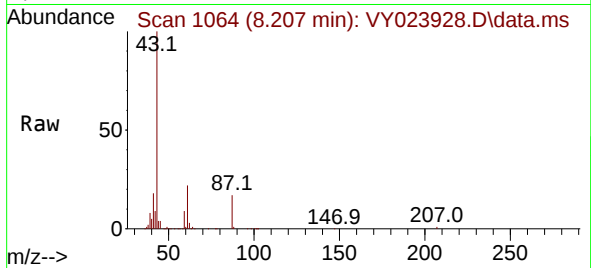




#43
Isopropyl Acetate
Concen: 21.305 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

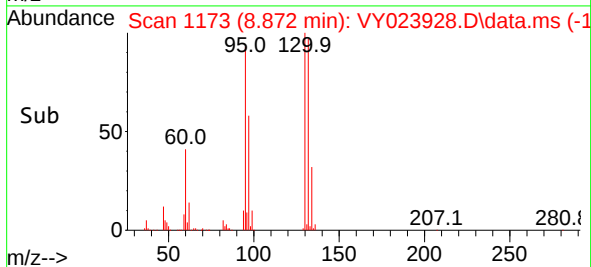
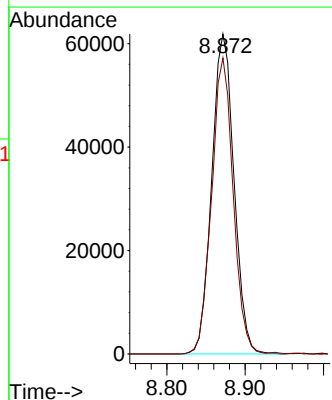
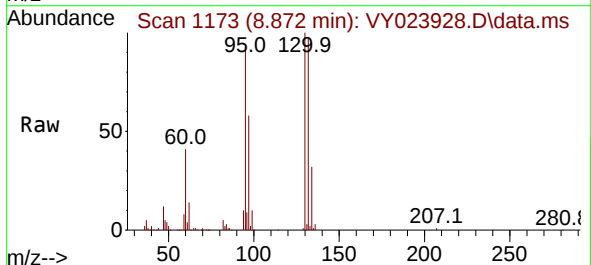
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

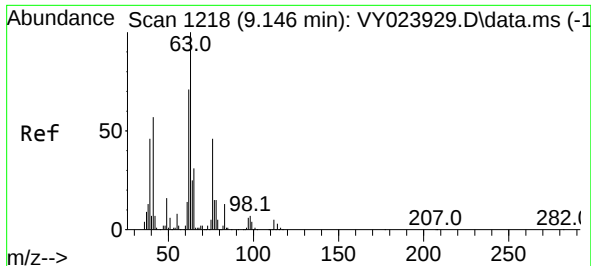
Tgt Ion: 43 Resp: 105039
Ion Ratio Lower Upper
43 100
61 19.6 17.4 26.2
87 16.6 12.3 18.5



#44
Trichloroethene
Concen: 21.512 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:130 Resp: 122111
Ion Ratio Lower Upper
130 100
95 92.5 0.0 178.8





#45

1,2-Dichloropropane

Concen: 21.764 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

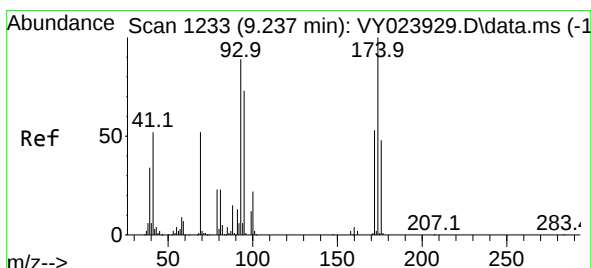
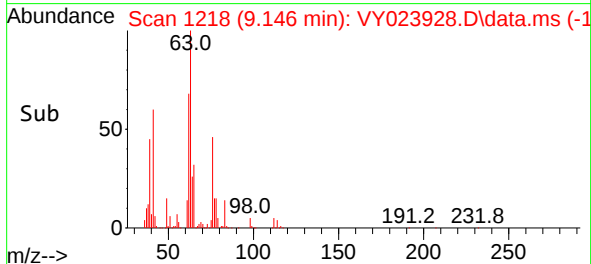
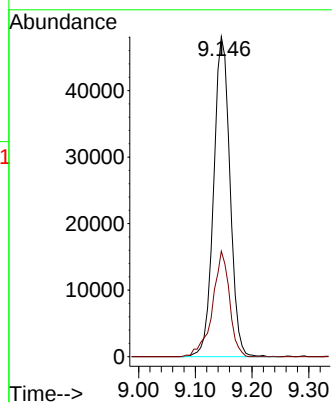
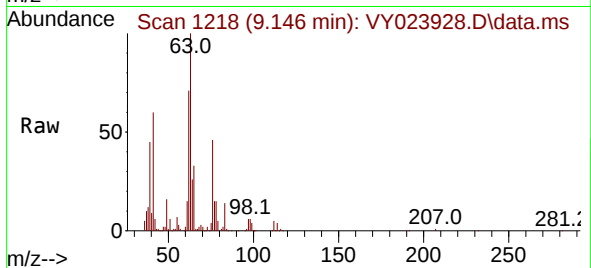
VSTDICC020

Tgt Ion: 63 Resp: 96130

Ion Ratio Lower Upper

63 100

65 32.9 25.1 37.7



#46

Dibromomethane

Concen: 21.512 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

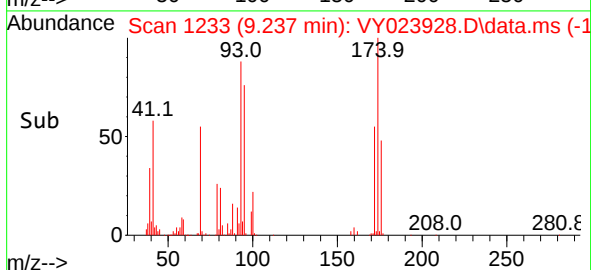
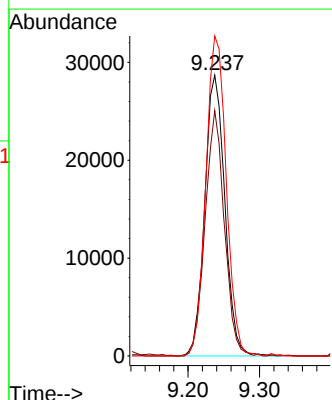
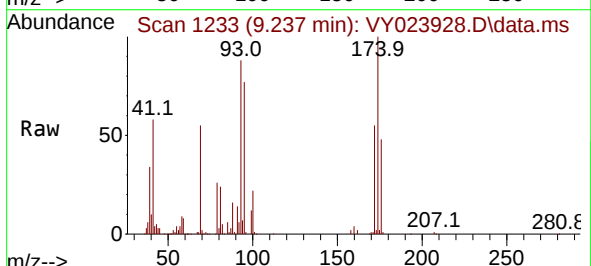
Tgt Ion: 93 Resp: 55963

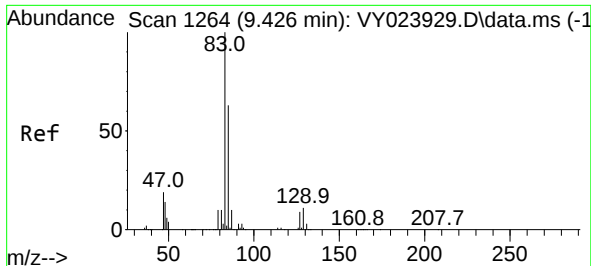
Ion Ratio Lower Upper

93 100

95 83.8 65.1 97.7

174 115.8 90.6 136.0





#47

Bromodichloromethane

Concen: 21.613 ug/l

RT: 9.426 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

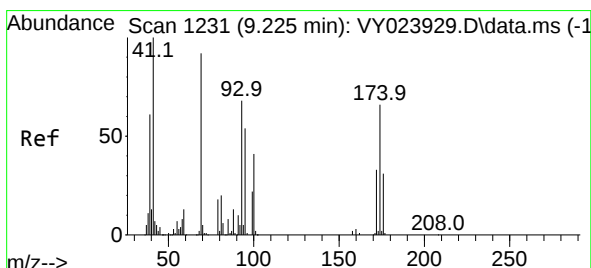
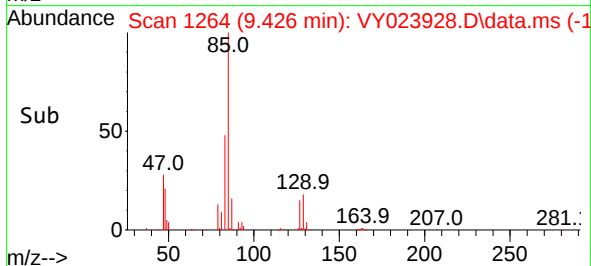
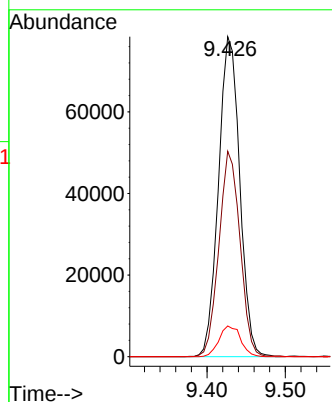
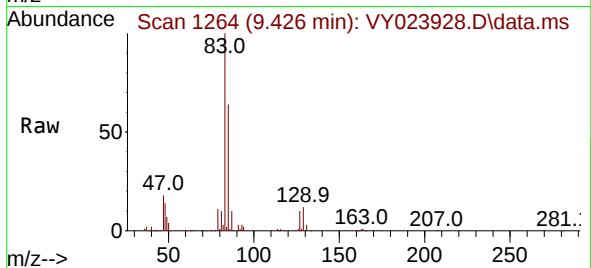
Tgt Ion: 83 Resp: 147911

Ion Ratio Lower Upper

83 100

85 64.2 50.7 76.1

127 9.6 7.0 10.4



#48

Methyl methacrylate

Concen: 20.136 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

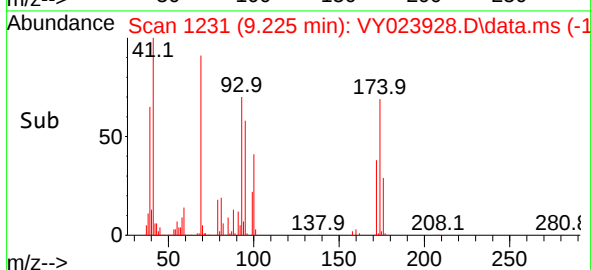
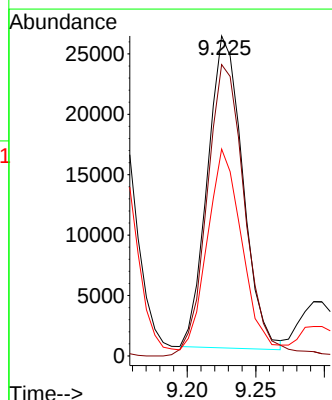
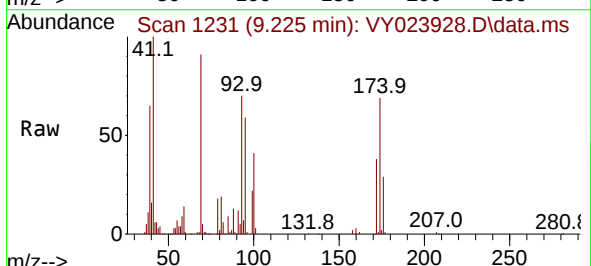
Tgt Ion: 41 Resp: 46215

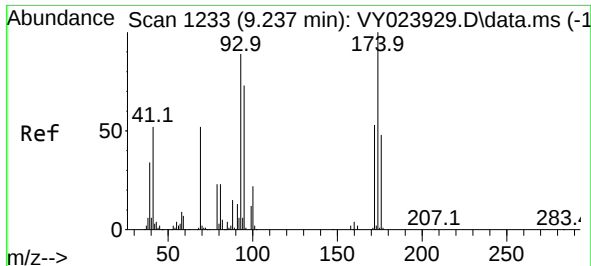
Ion Ratio Lower Upper

41 100

69 100.3 74.7 112.1

39 62.7 47.4 71.2

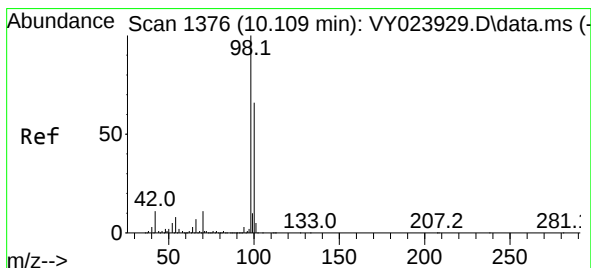
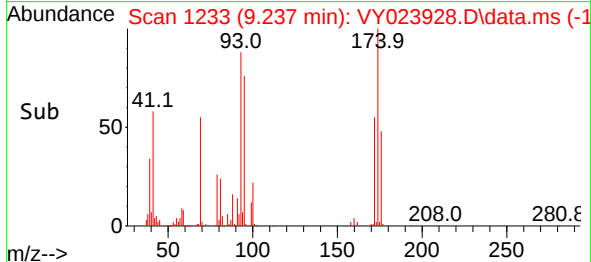
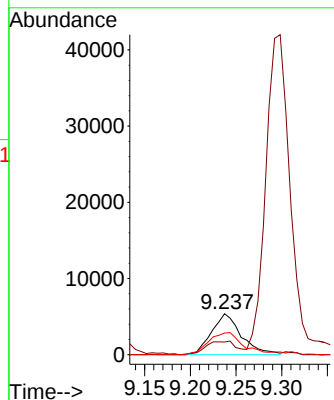
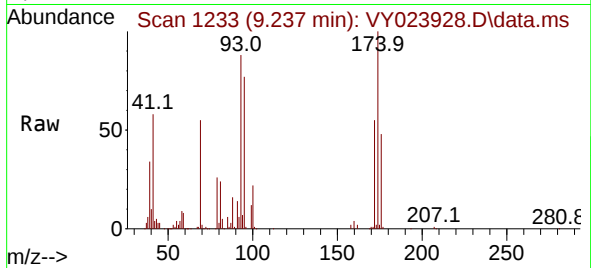




#49
1,4-Dioxane
Concen: 420.144 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

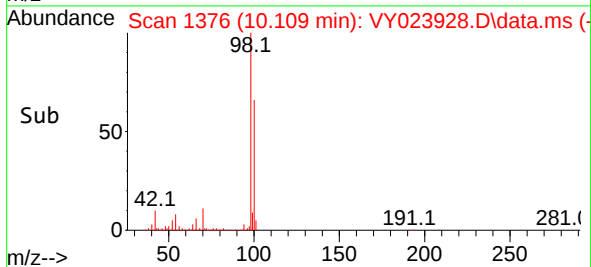
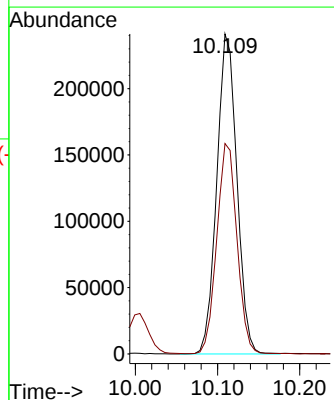
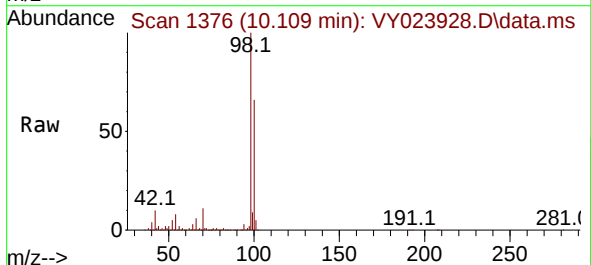
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

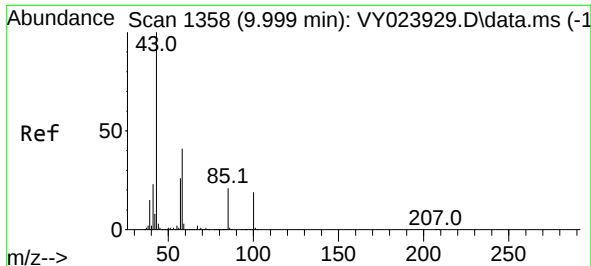
Tgt Ion: 88 Resp: 12185
Ion Ratio Lower Upper
88 100
43 35.1 22.3 33.5#
58 66.6 52.3 78.5



#50
Toluene-d8
Concen: 23.319 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 98 Resp: 409951
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 109.766 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

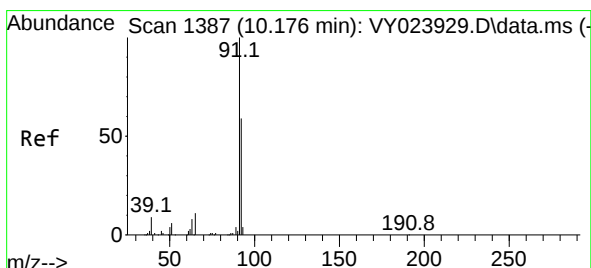
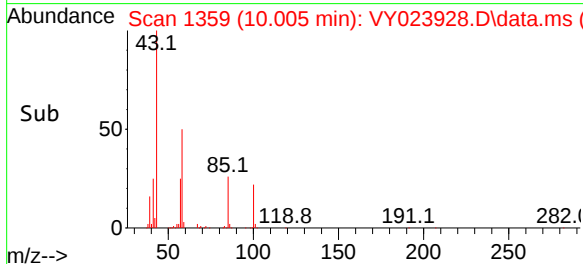
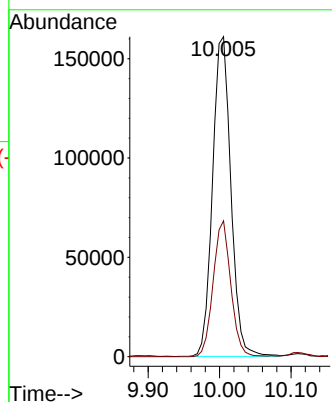
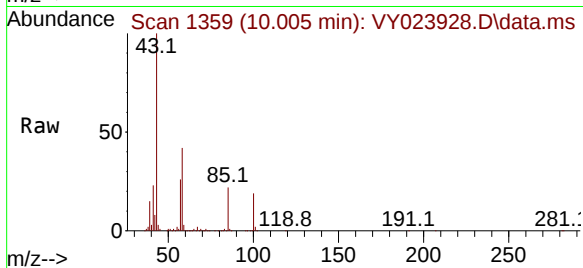
VSTDIC020

Tgt Ion: 43 Resp: 286730

Ion Ratio Lower Upper

43 100

58 41.0 33.1 49.7



#52

Toluene

Concen: 21.134 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY023928.D

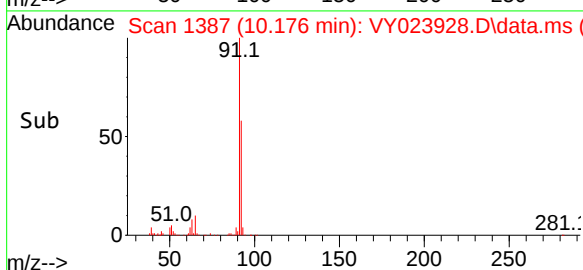
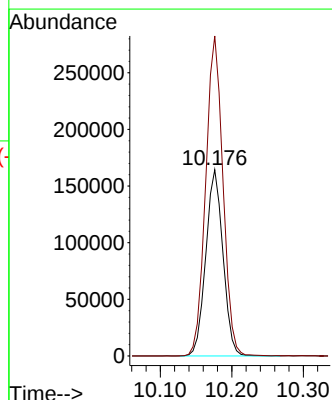
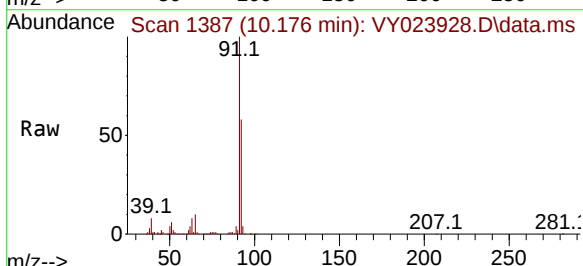
Acq: 10 Dec 2025 09:44

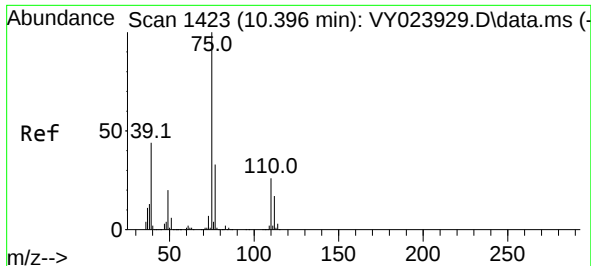
Tgt Ion: 92 Resp: 273770

Ion Ratio Lower Upper

92 100

91 173.0 135.8 203.6

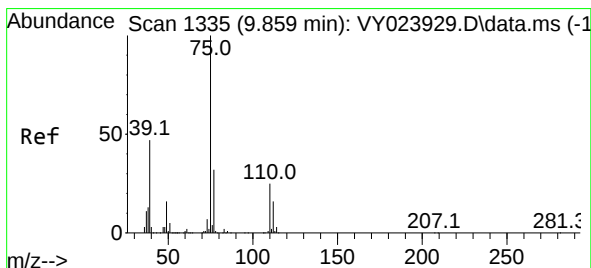
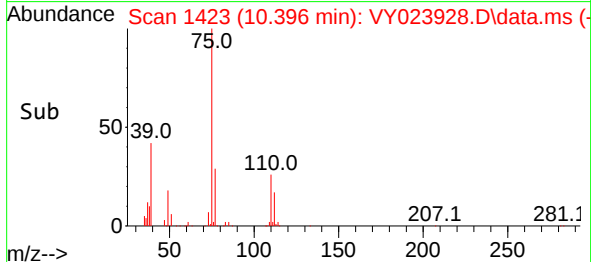
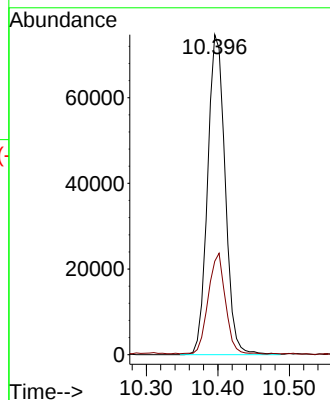
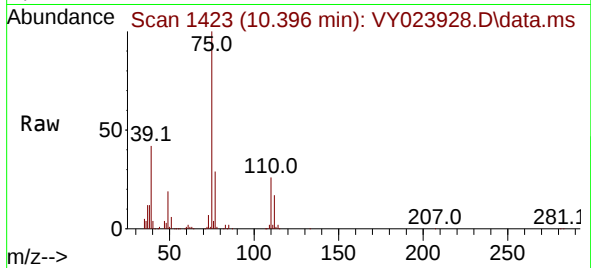




#53
t-1,3-Dichloropropene
Concen: 21.547 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

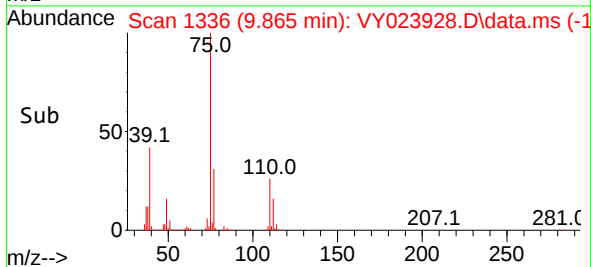
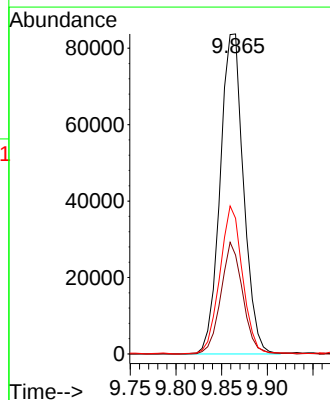
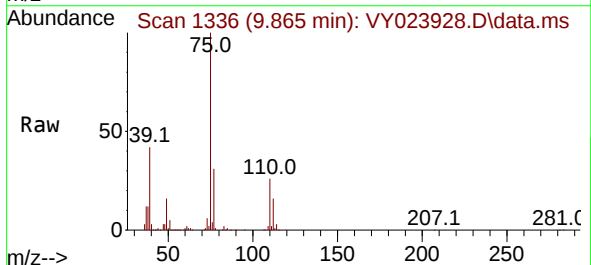
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

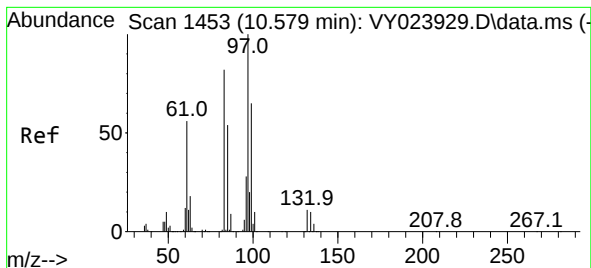
Tgt Ion: 75 Resp: 127430
Ion Ratio Lower Upper
75 100
77 29.0 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 21.442 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 75 Resp: 149428
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 42.4 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 21.954 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 78608

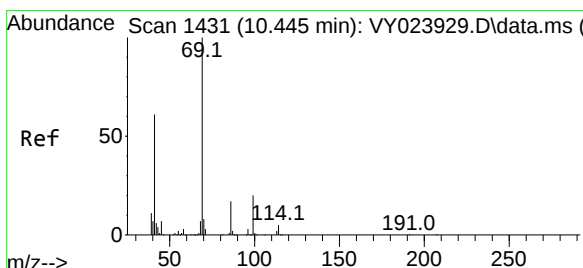
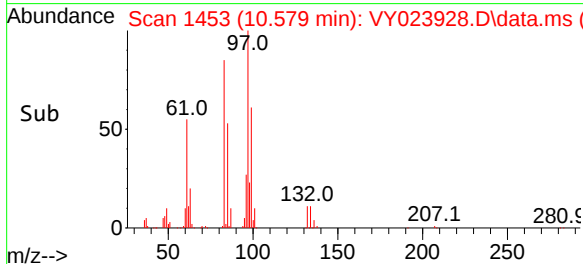
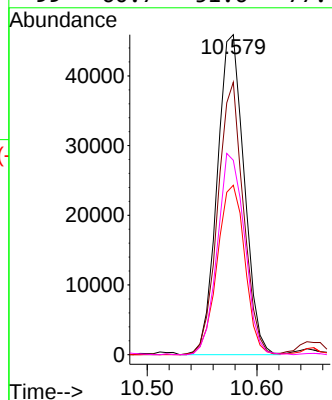
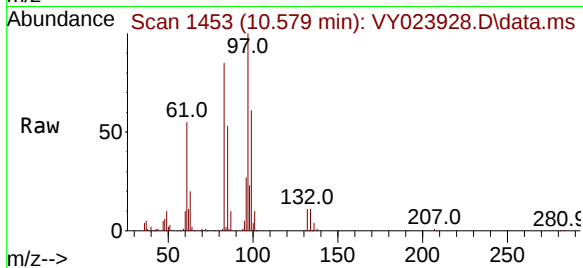
Ion Ratio Lower Upper

97 100

83 85.1 65.8 98.6

85 53.0 43.1 64.7

99 60.7 51.6 77.4



#56

Ethyl methacrylate

Concen: 21.157 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

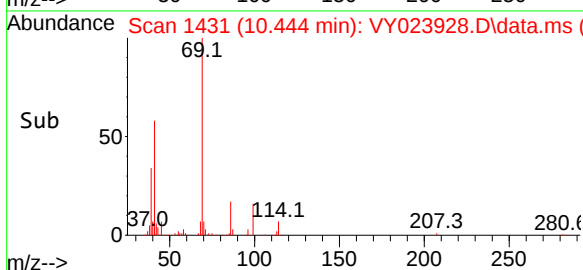
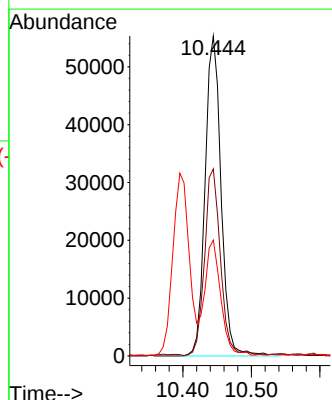
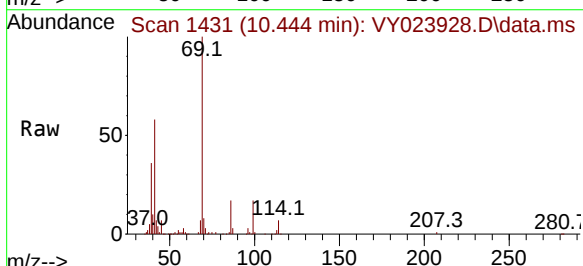
Tgt Ion: 69 Resp: 89804

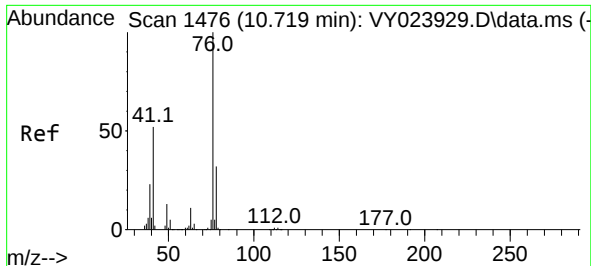
Ion Ratio Lower Upper

69 100

41 58.3 49.0 73.4

39 36.0 29.1 43.7





#57

1,3-Dichloropropane

Concen: 21.838 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

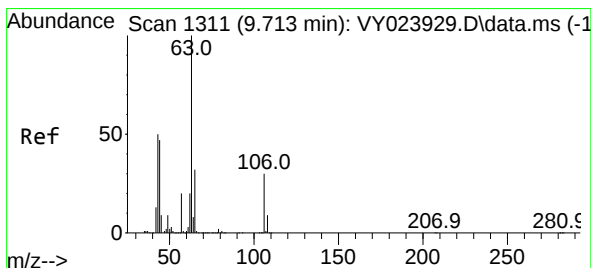
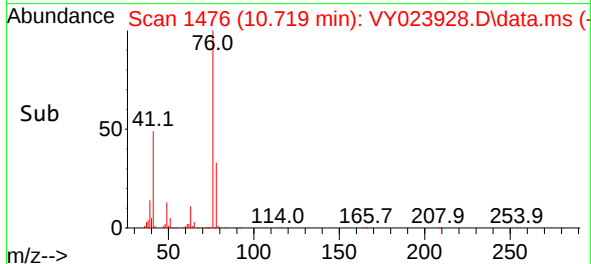
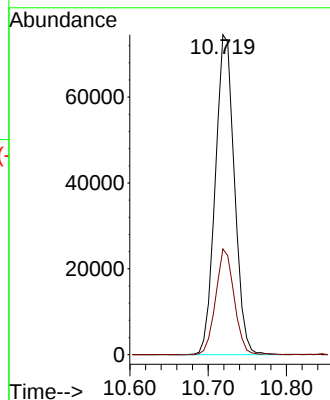
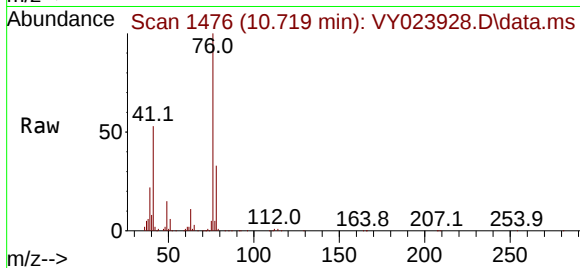
VSTDICC020

Tgt Ion: 76 Resp: 126466

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.210 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023928.D

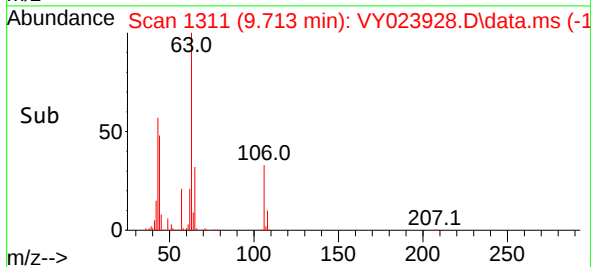
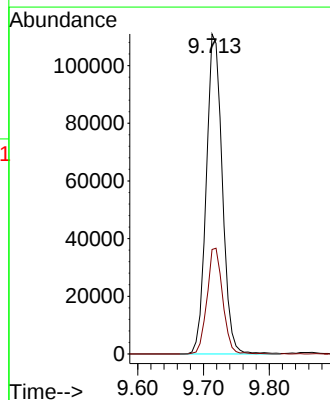
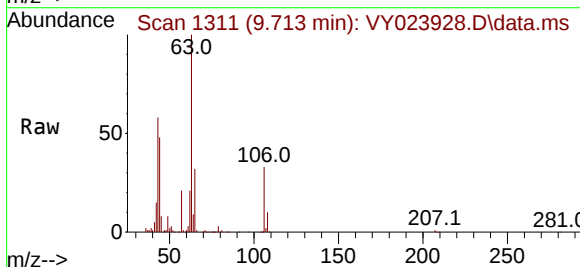
Acq: 10 Dec 2025 09:44

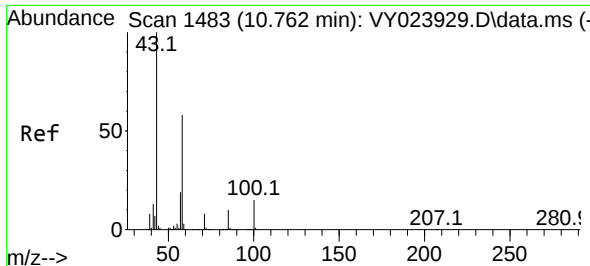
Tgt Ion: 63 Resp: 187929

Ion Ratio Lower Upper

63 100

106 32.3 25.2 37.8

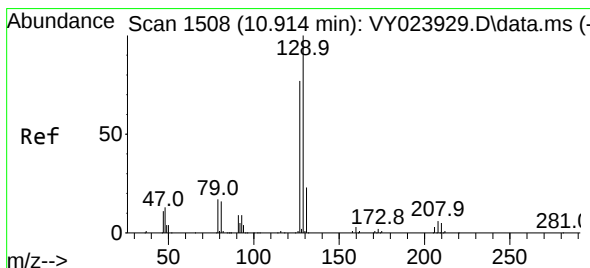
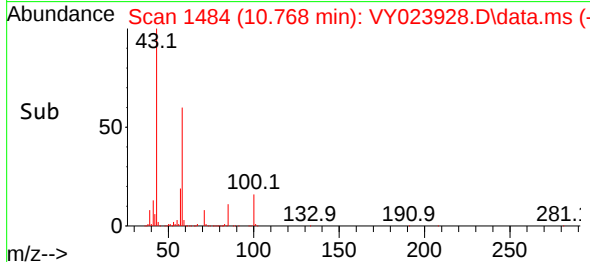
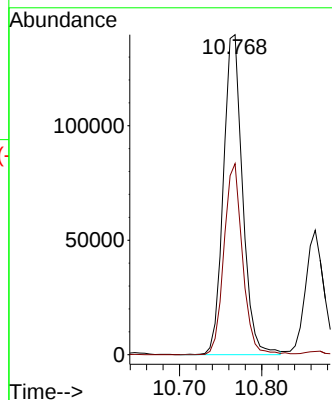
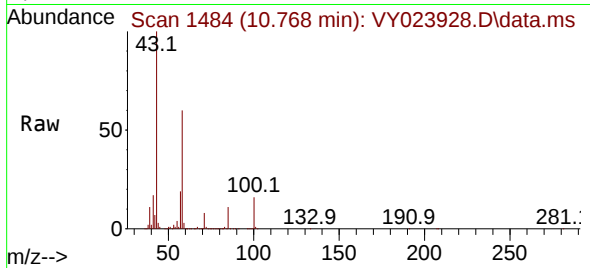




#59
2-Hexanone
Concen: 114.503 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

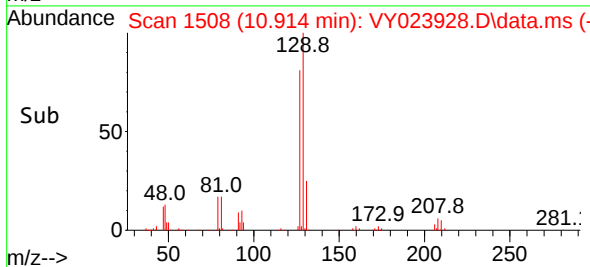
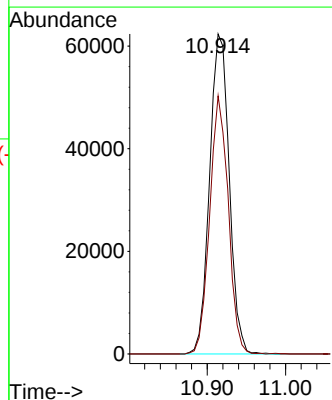
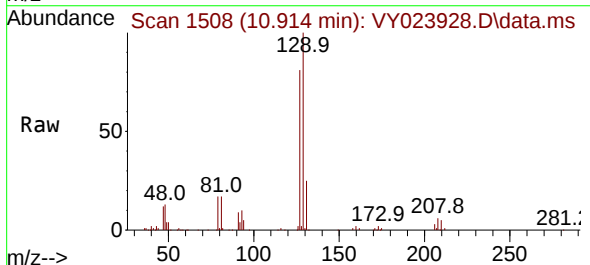
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

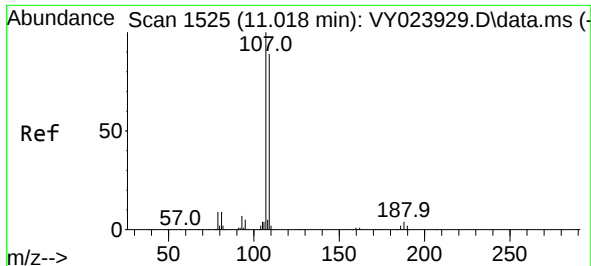
Tgt Ion: 43 Resp: 227007
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 21.870 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 129 Resp: 108414
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.5

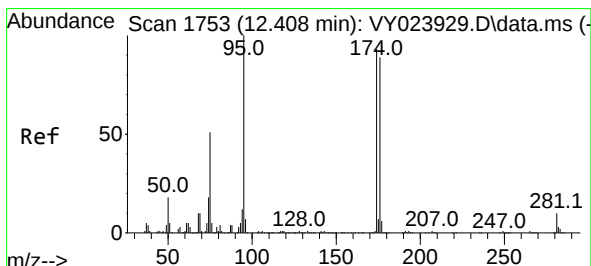
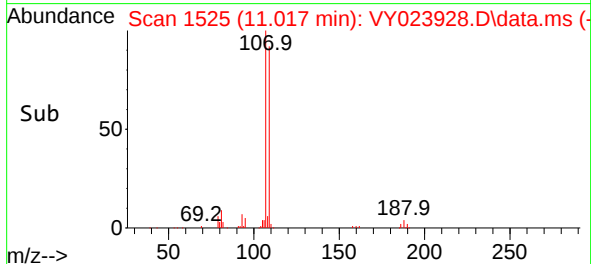
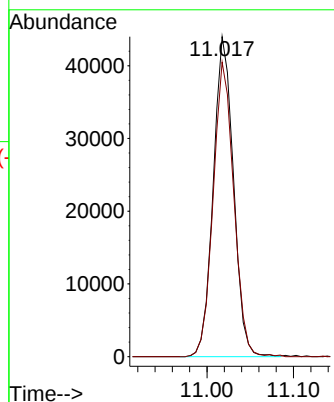
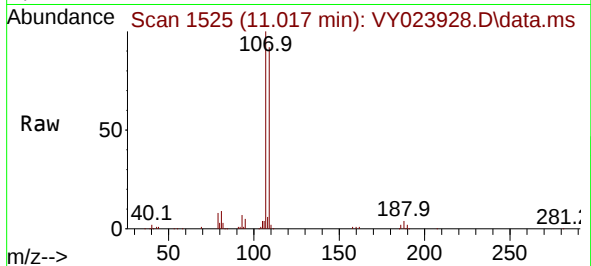




#61
1,2-Dibromoethane
Concen: 21.477 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

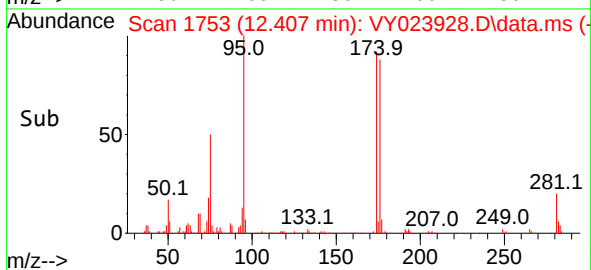
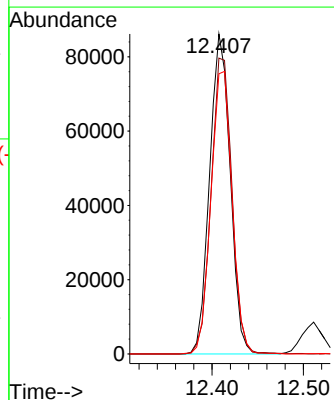
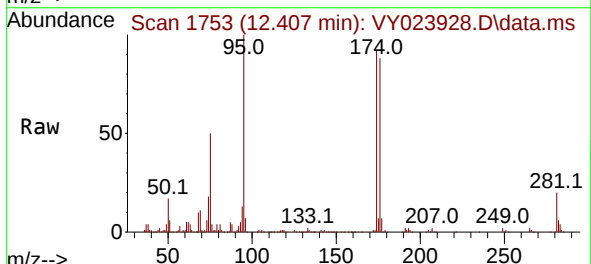
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

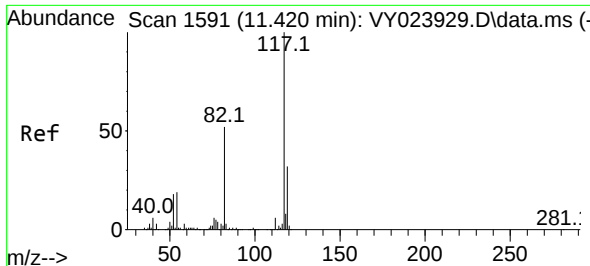
Tgt Ion:107 Resp: 71260
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 22.952 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 95 Resp: 134753
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.4
176 90.9 0.0 179.6

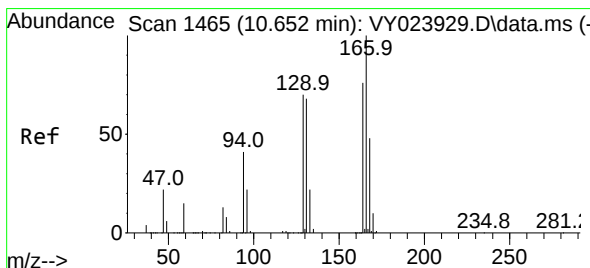
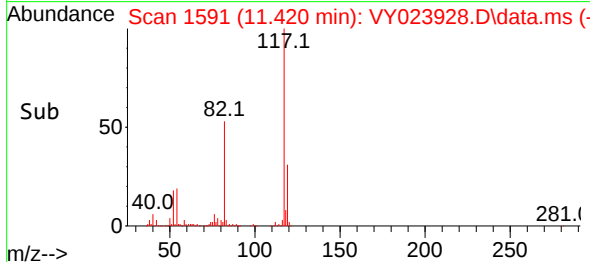
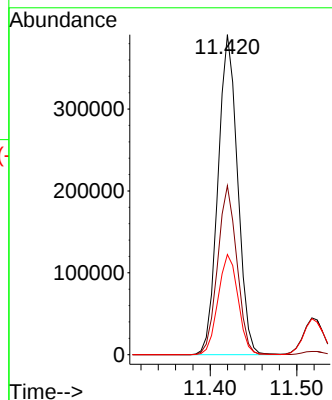
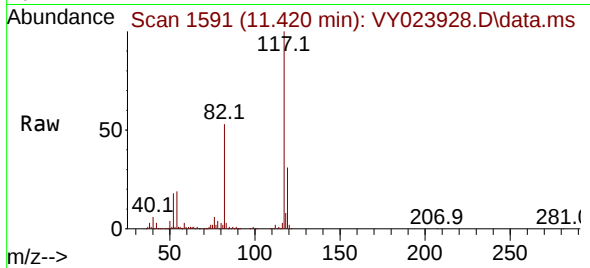




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

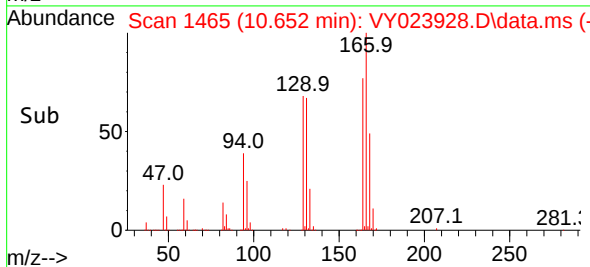
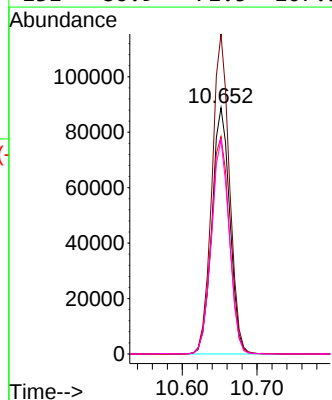
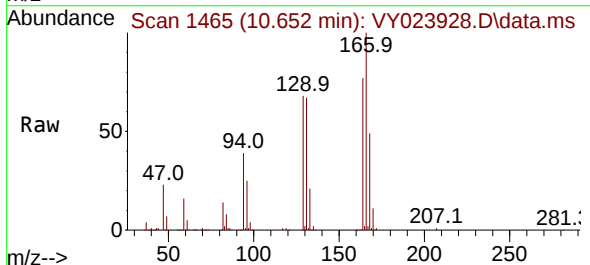
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

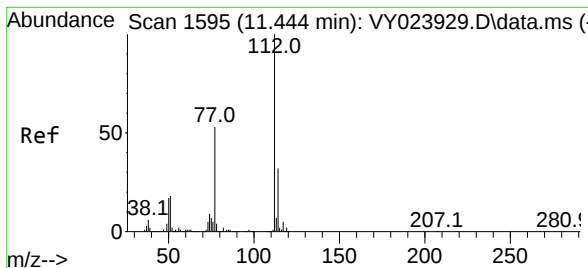
Tgt Ion:117 Resp: 614309
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.2
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 22.425 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:164 Resp: 147992
Ion Ratio Lower Upper
164 100
166 129.9 105.0 157.4
129 88.3 73.0 109.4
131 86.9 71.5 107.3

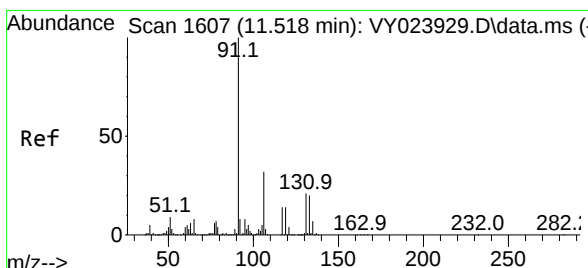
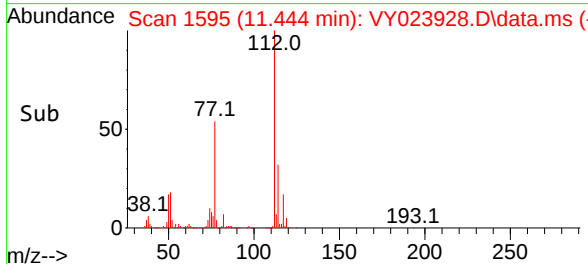
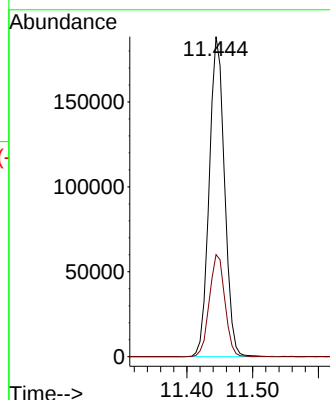
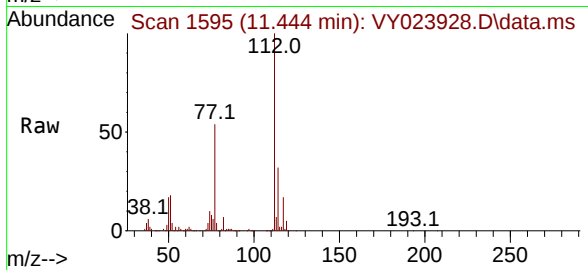




#65
Chlorobenzene
Concen: 21.434 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

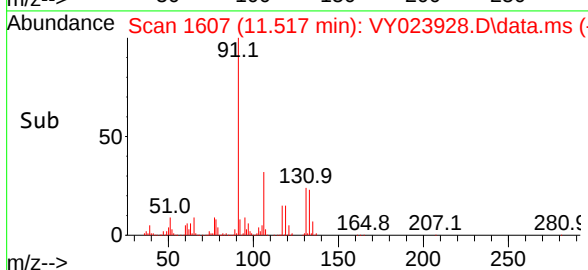
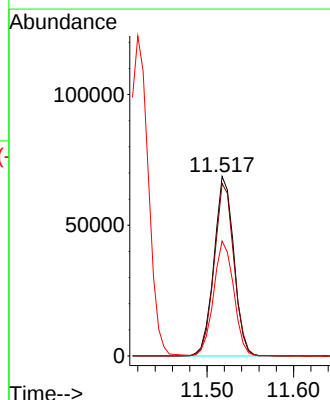
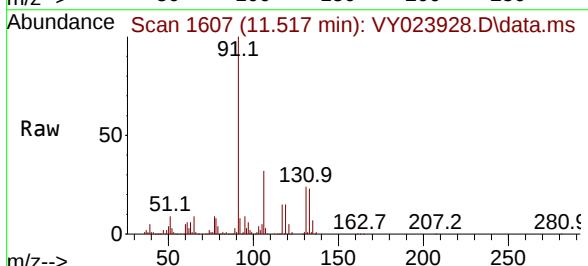
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

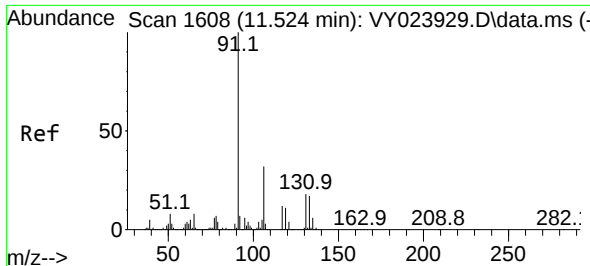
Tgt Ion:112 Resp: 305109
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.913 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:131 Resp: 109395
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.3
119 64.8 33.1 99.2

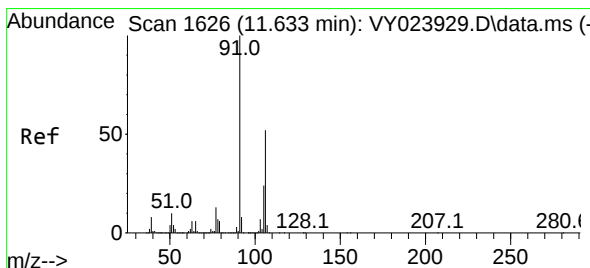
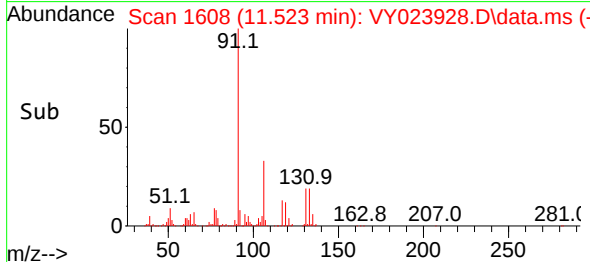
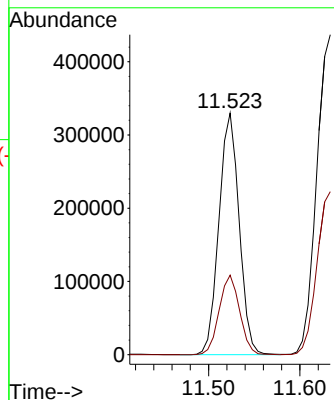
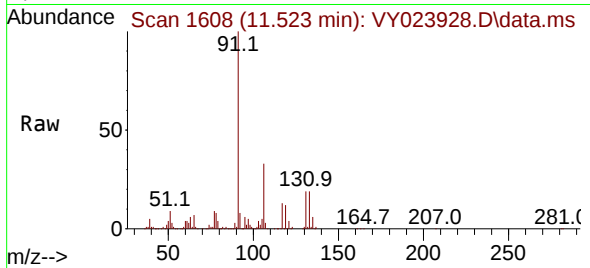




#67
Ethyl Benzene
Concen: 21.280 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

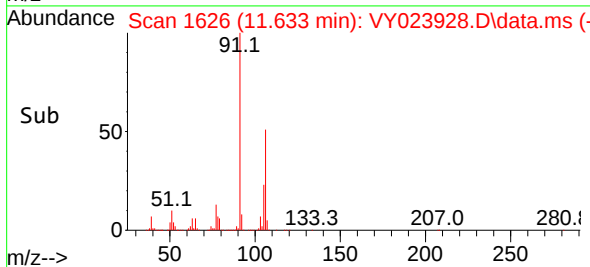
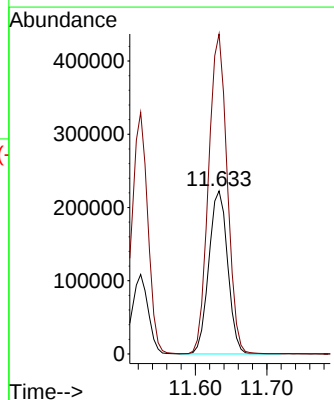
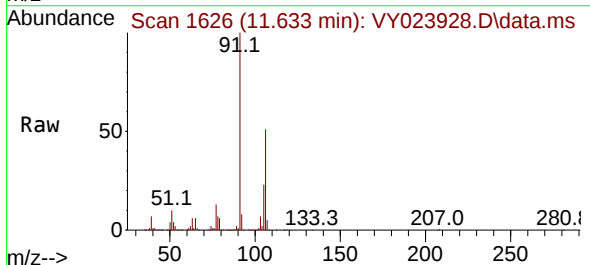
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

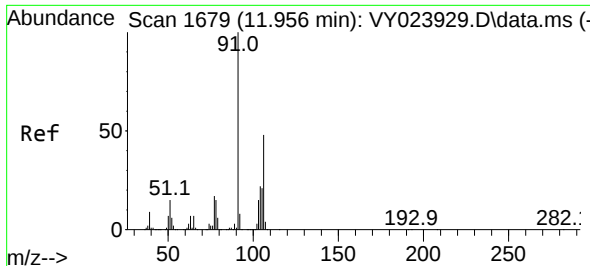
Tgt Ion: 91 Resp: 507535
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8



#68
m/p-Xylenes
Concen: 42.998 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 106 Resp: 407095
Ion Ratio Lower Upper
106 100
91 193.8 155.0 232.6

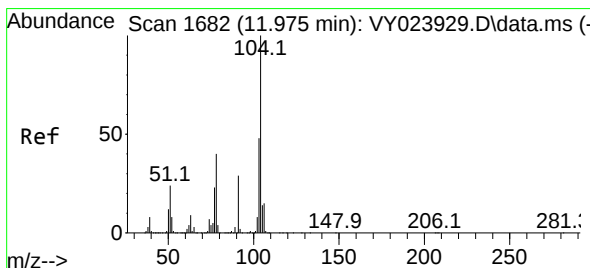
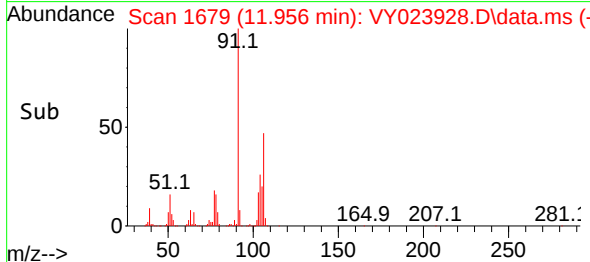
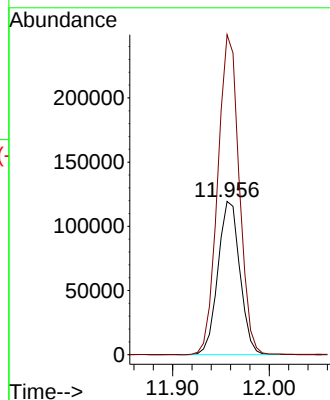
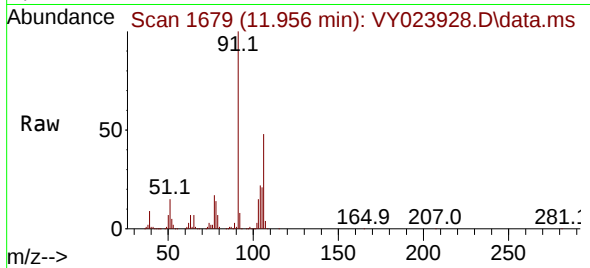




#69
o-Xylene
Concen: 21.234 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

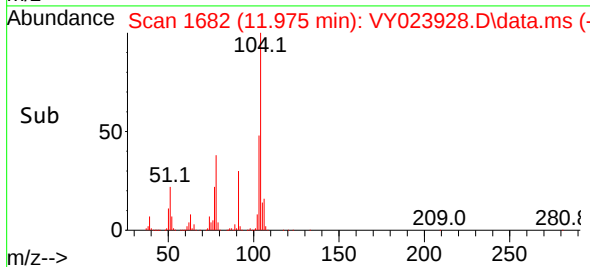
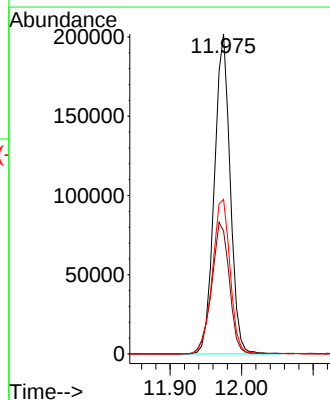
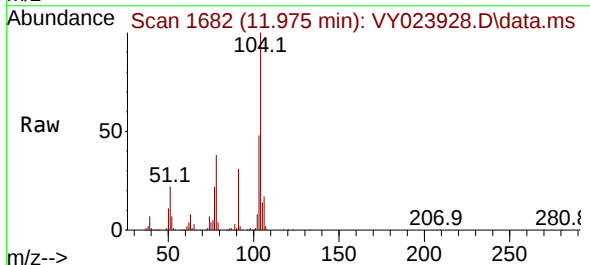
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

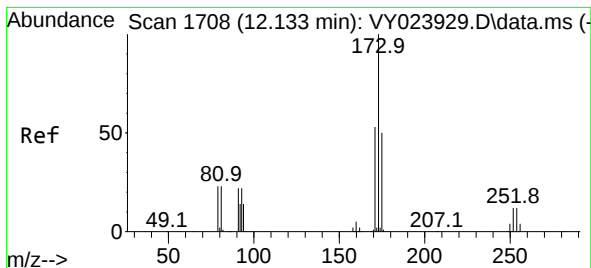
Tgt Ion:106 Resp: 188067
Ion Ratio Lower Upper
106 100
91 205.1 102.1 306.1



#70
Styrene
Concen: 21.708 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:104 Resp: 310597
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 54.2 43.0 64.4





#71

Bromoform

Concen: 22.042 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

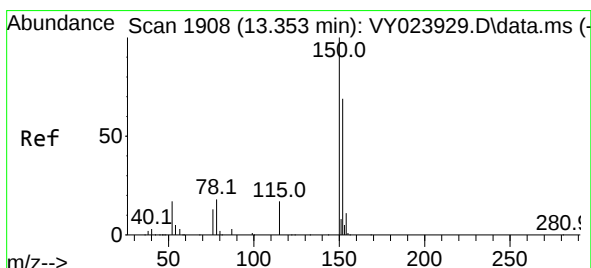
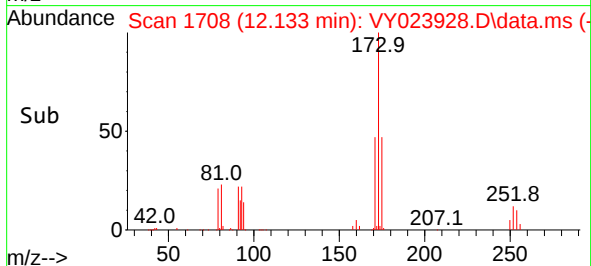
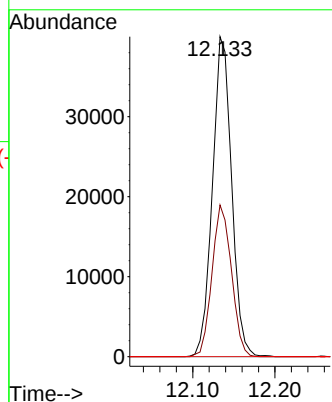
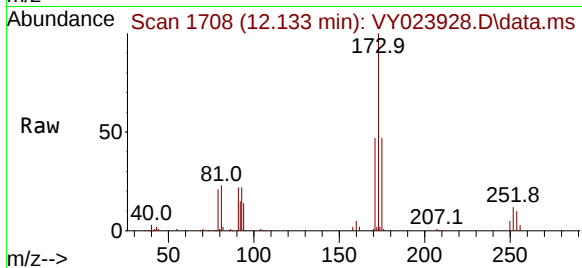
Tgt Ion:173 Resp: 64848

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

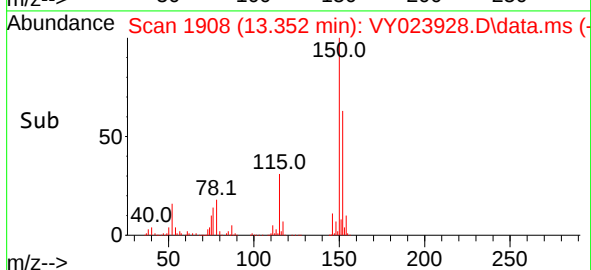
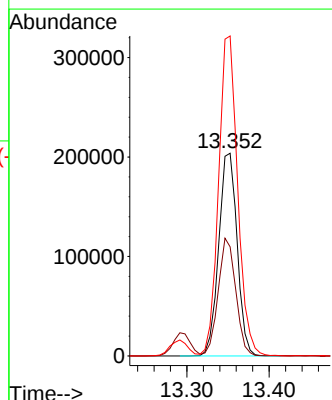
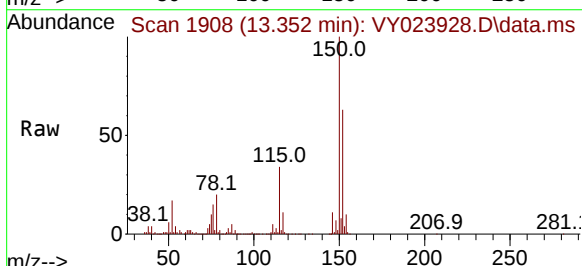
Tgt Ion:152 Resp: 317711

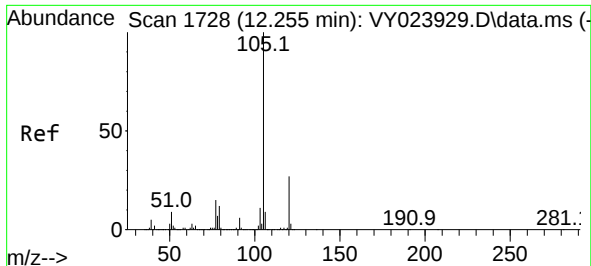
Ion Ratio Lower Upper

152 100

115 55.5 27.3 81.9

150 162.9 0.0 347.6

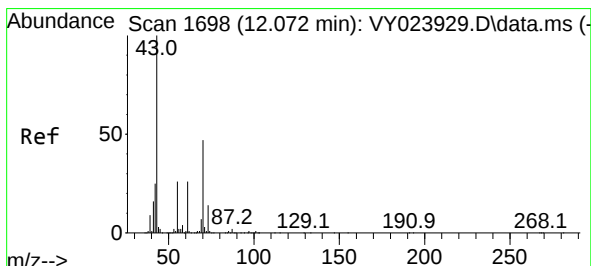
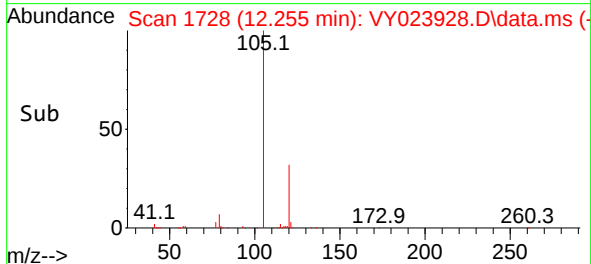
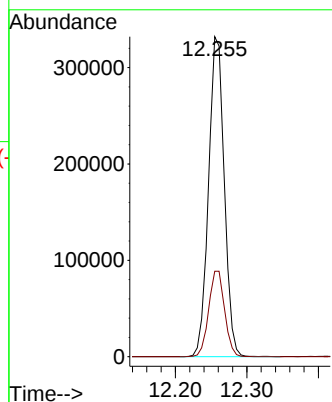
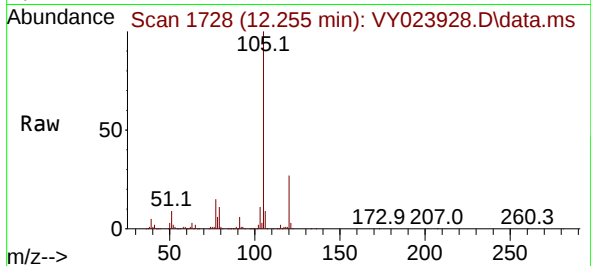




#73
Isopropylbenzene
Concen: 21.825 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

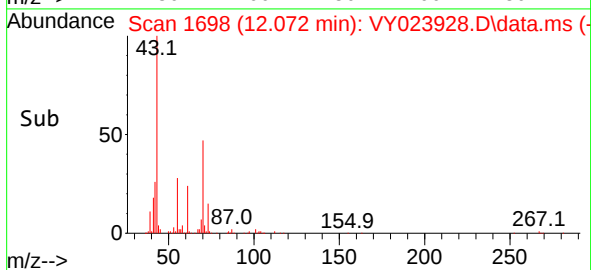
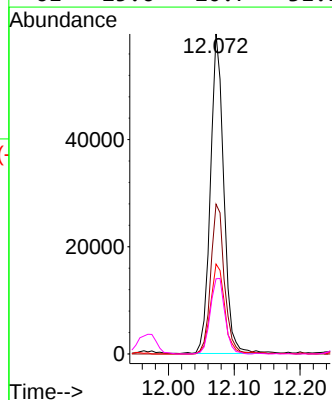
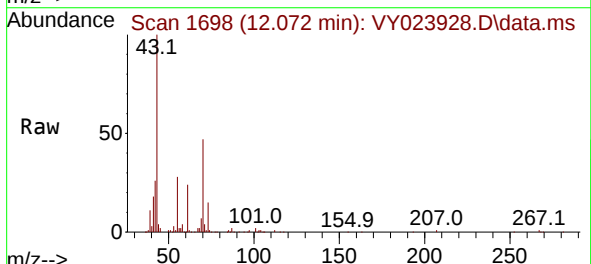
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

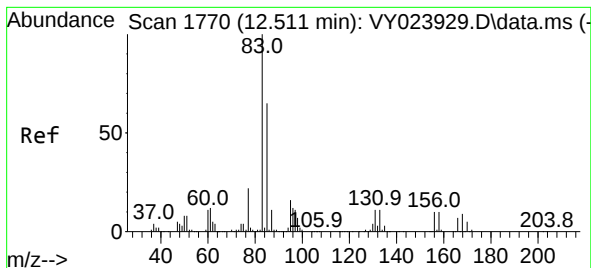
Tgt Ion:105 Resp: 506742
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 20.609 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 43 Resp: 84876
Ion Ratio Lower Upper
43 100
70 48.0 37.4 56.0
55 29.5 21.6 32.4
61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.491 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

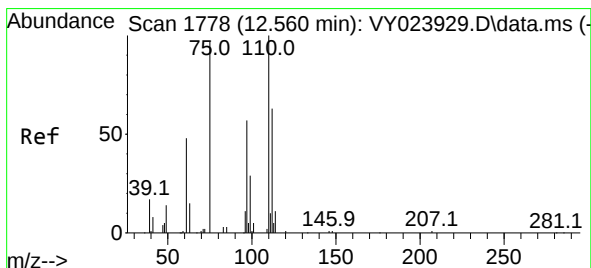
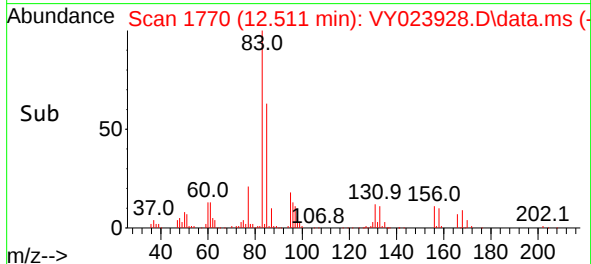
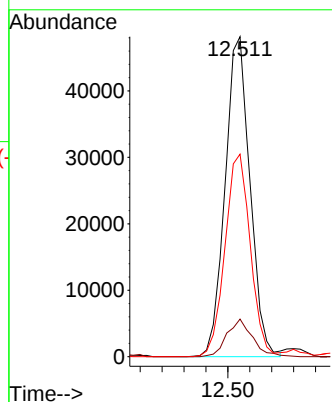
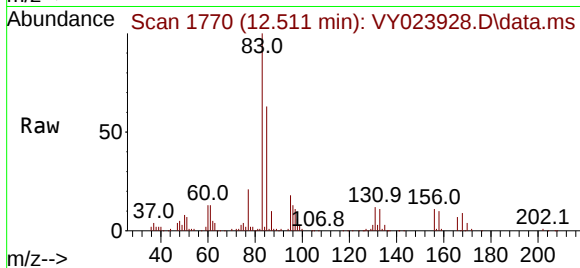
Tgt Ion: 83 Resp: 75982

Ion Ratio Lower Upper

83 100

131 12.1 5.6 16.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 38.577 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY023928.D

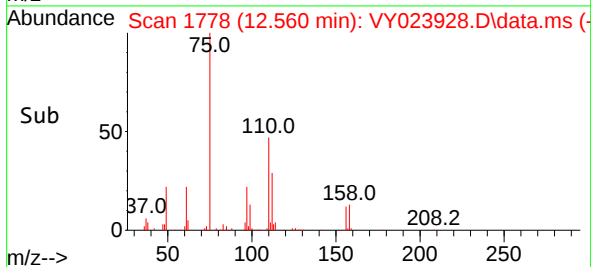
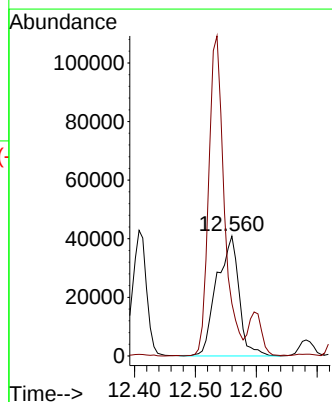
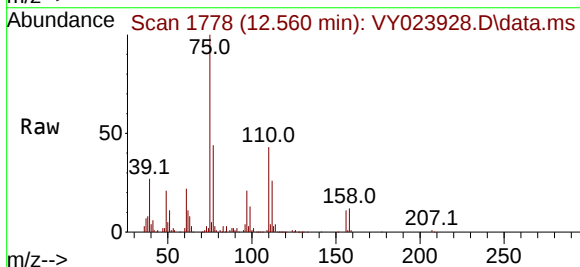
Acq: 10 Dec 2025 09:44

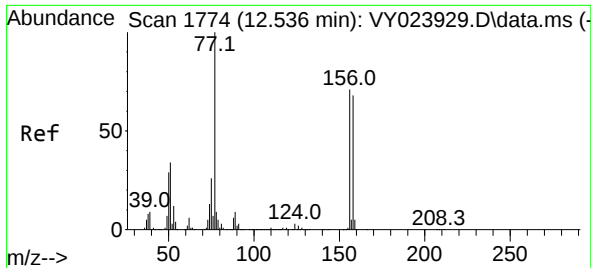
Tgt Ion: 75 Resp: 103997

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

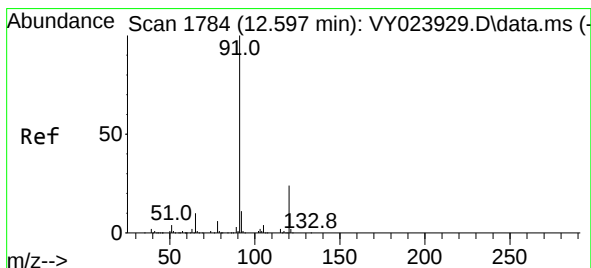
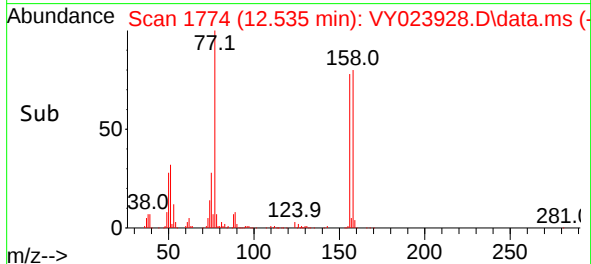
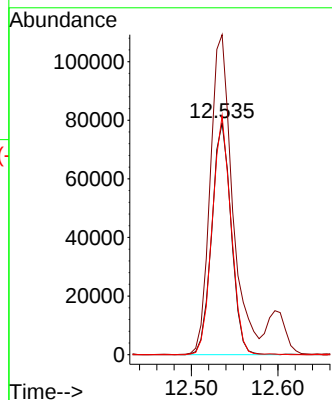
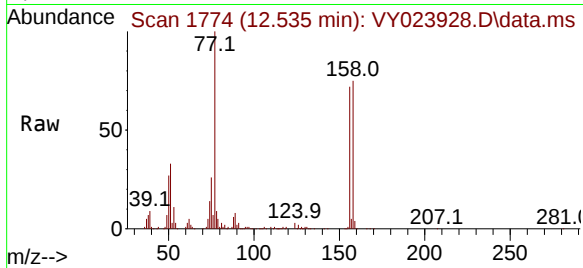




#77
Bromobenzene
Concen: 21.309 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

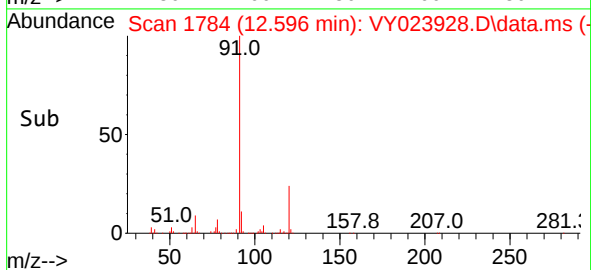
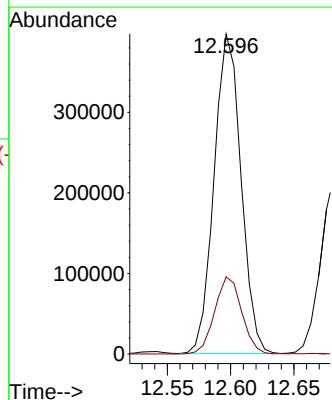
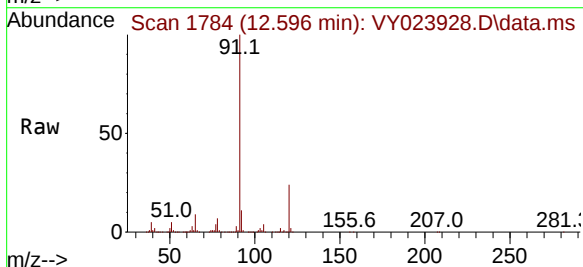
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

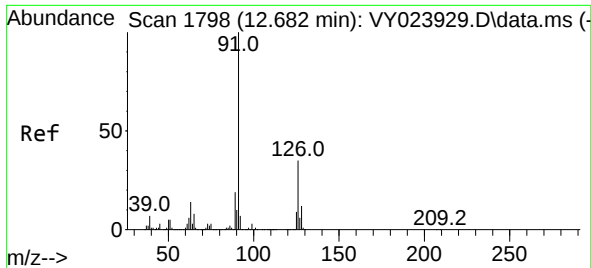
Tgt Ion:156 Resp: 122766
Ion Ratio Lower Upper
156 100
77 158.5 79.8 239.4
158 100.2 48.0 144.2



#78
n-propylbenzene
Concen: 21.733 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 91 Resp: 587106
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.0

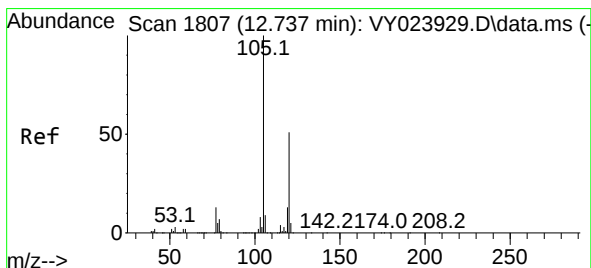
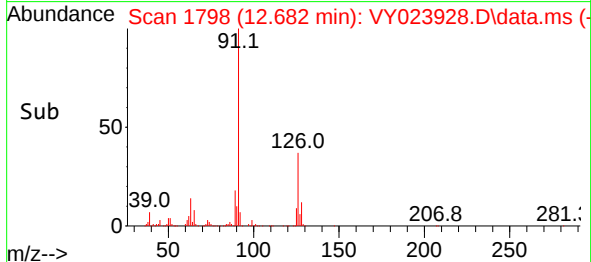
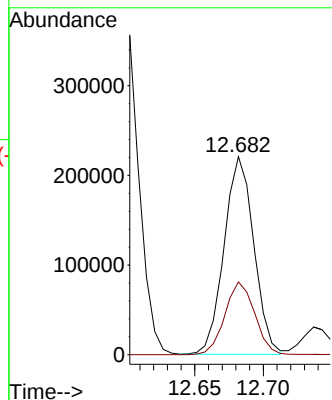
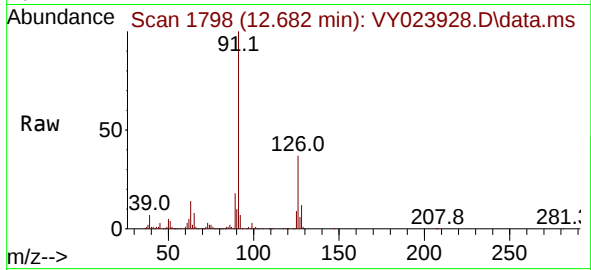




#79
2-Chlorotoluene
Concen: 21.655 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

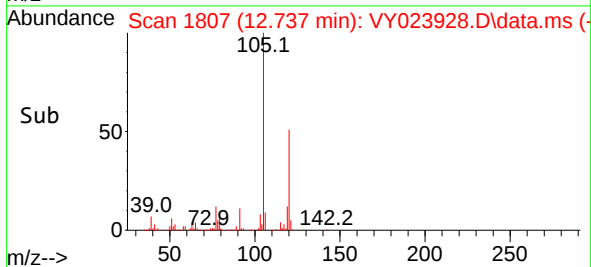
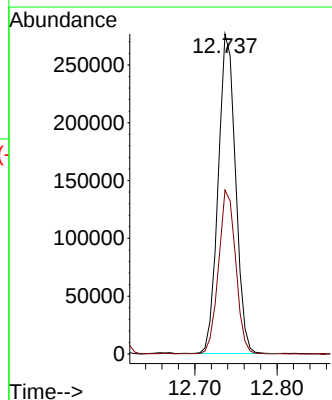
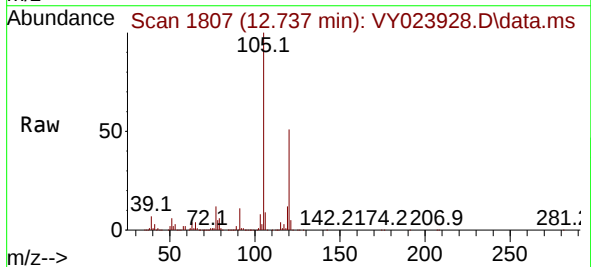
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

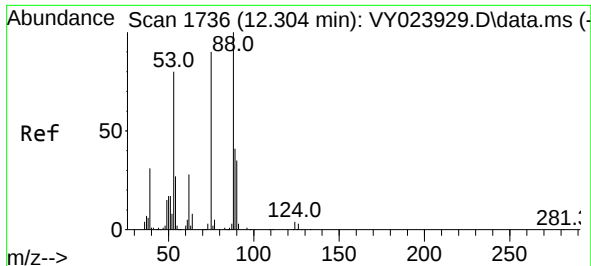
Tgt Ion: 91 Resp: 332304
Ion Ratio Lower Upper
91 100
126 36.9 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 21.878 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 105 Resp: 405253
Ion Ratio Lower Upper
105 100
120 50.7 25.7 77.1

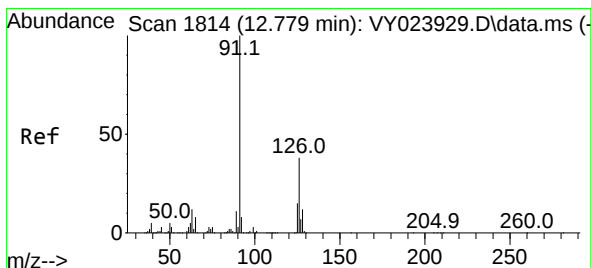
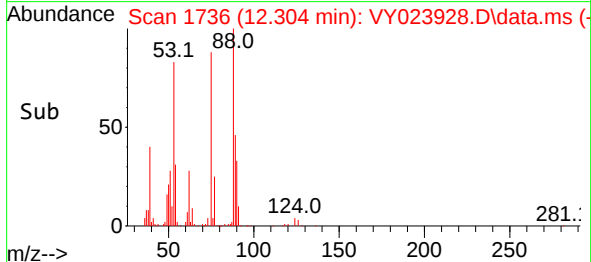
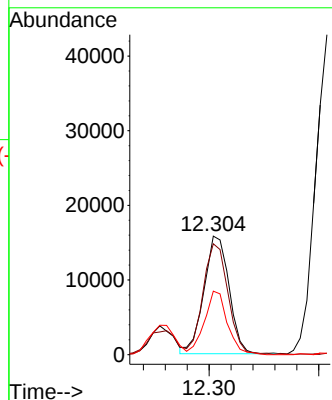
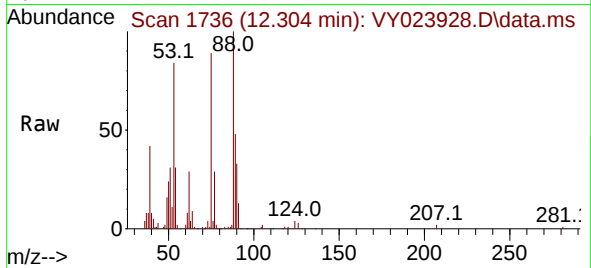




#81
trans-1,4-Dichloro-2-butene
Concen: 21.261 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

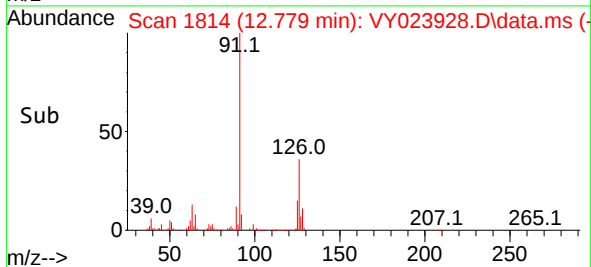
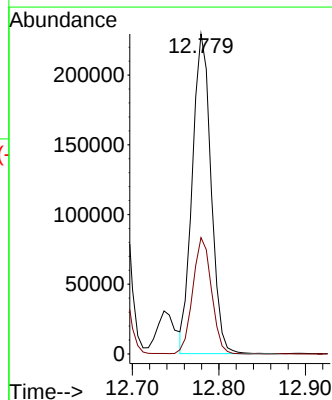
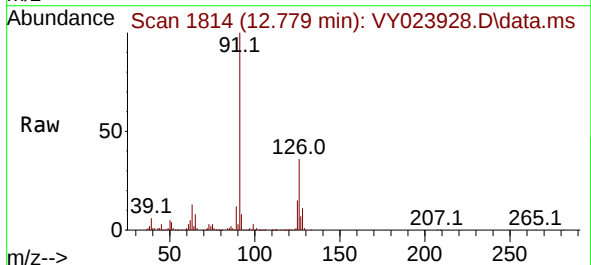
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

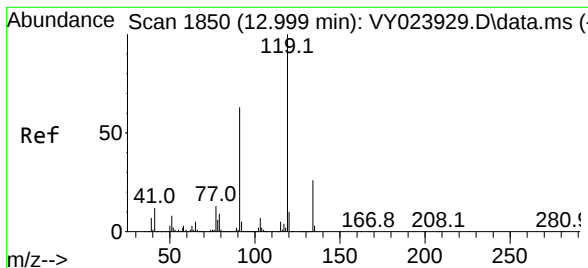
Tgt Ion: 75 Resp: 25102
Ion Ratio Lower Upper
75 100
53 93.7 73.4 110.0
89 49.3 38.9 58.3



#82
4-Chlorotoluene
Concen: 21.769 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 91 Resp: 343896
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.1





#83

tert-Butylbenzene

Concen: 21.535 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

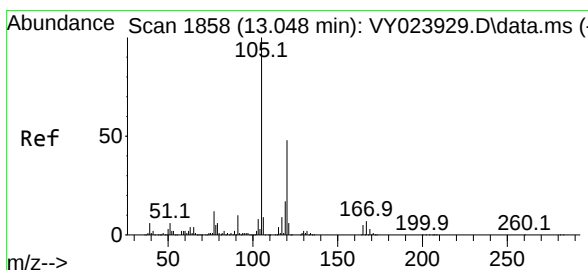
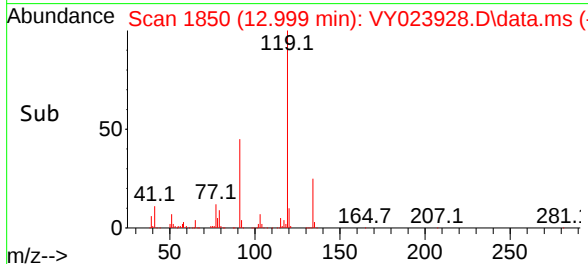
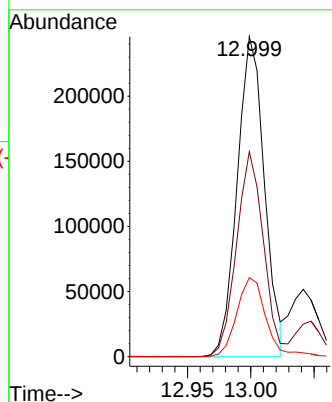
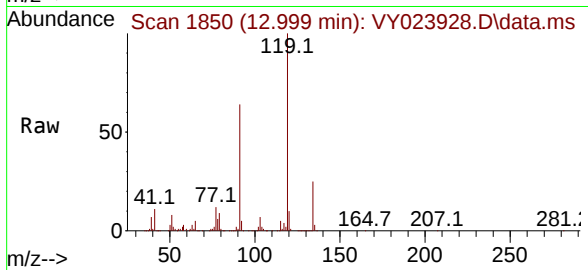
Tgt Ion:119 Resp: 368578

Ion Ratio Lower Upper

119 100

91 63.9 31.6 94.7

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.738 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY023928.D

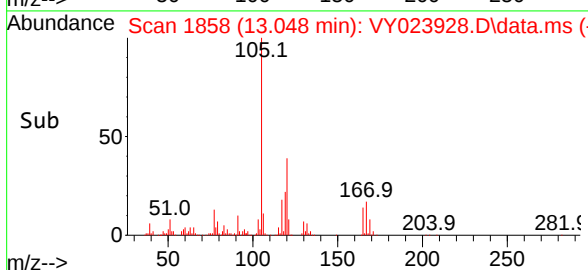
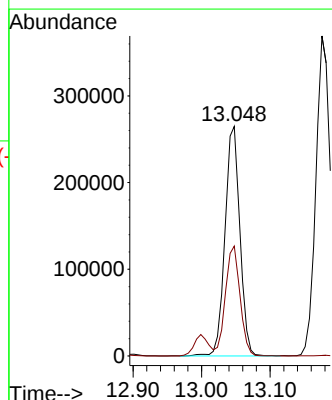
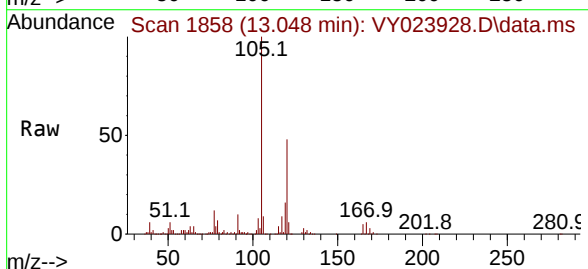
Acq: 10 Dec 2025 09:44

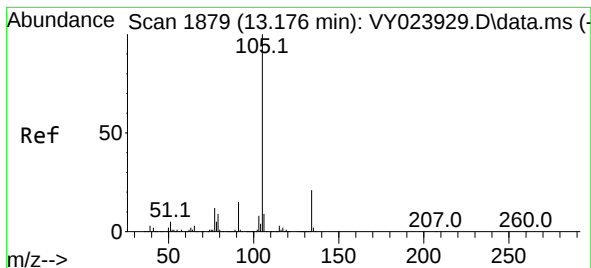
Tgt Ion:105 Resp: 398895

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.857 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

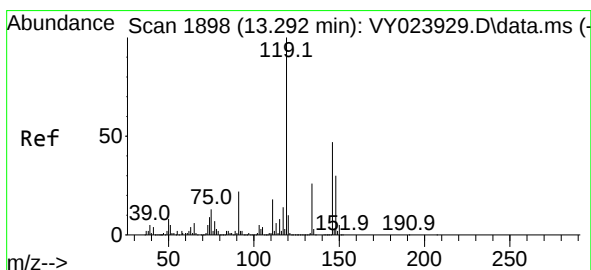
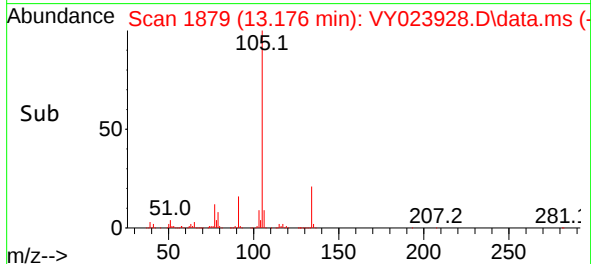
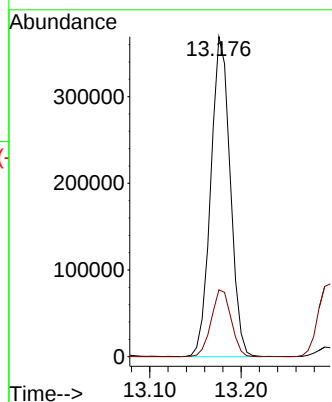
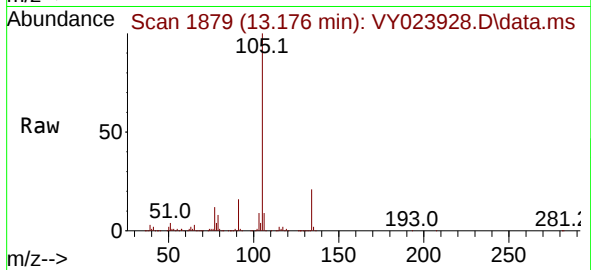
VSTDIC020

Tgt Ion:105 Resp: 545692

Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.506 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

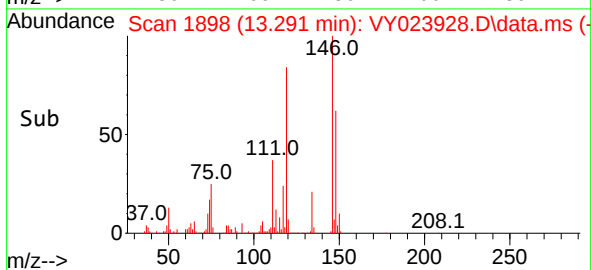
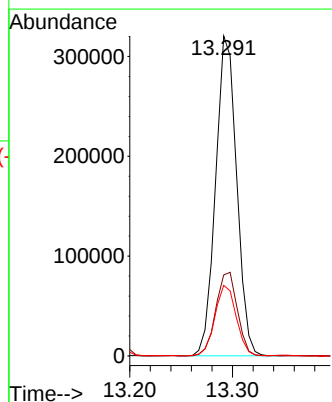
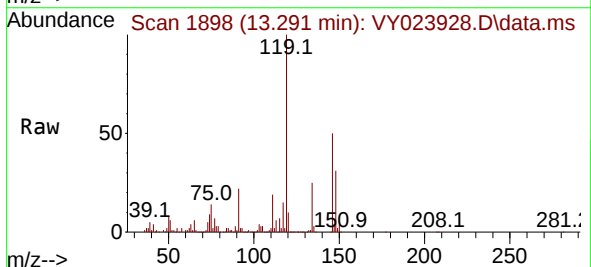
Tgt Ion:119 Resp: 454486

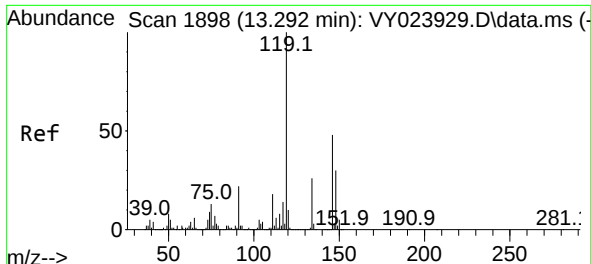
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.4 11.1 33.3

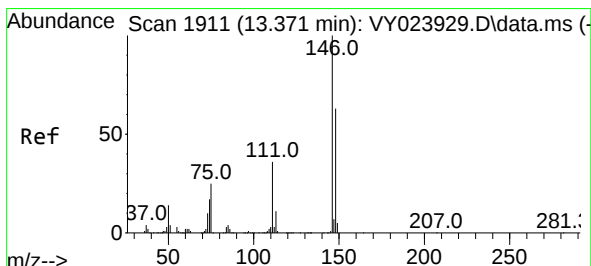
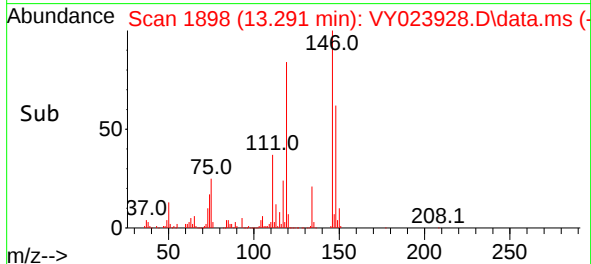
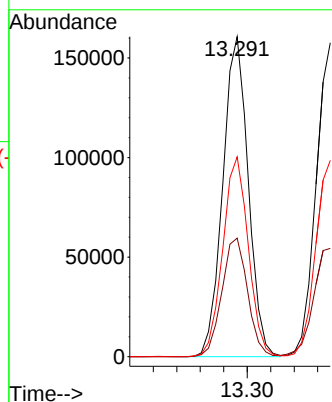
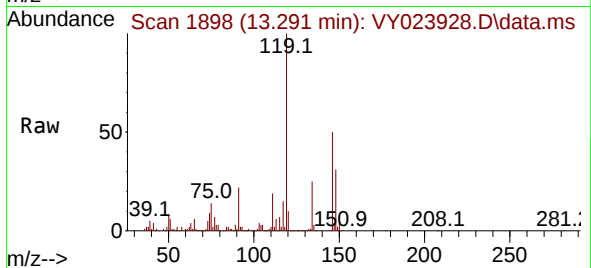




#87
1,3-Dichlorobenzene
Concen: 21.596 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

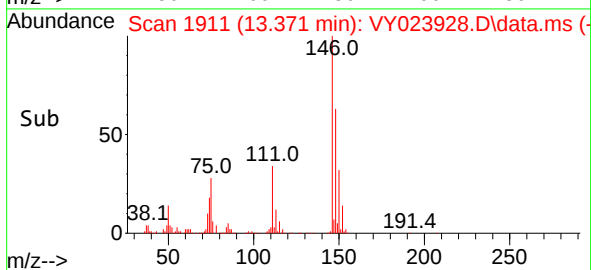
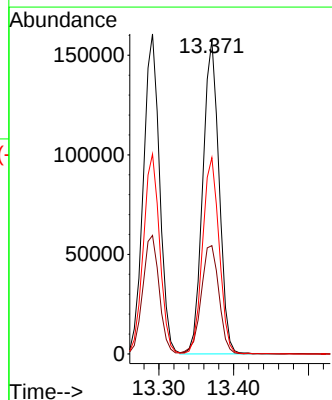
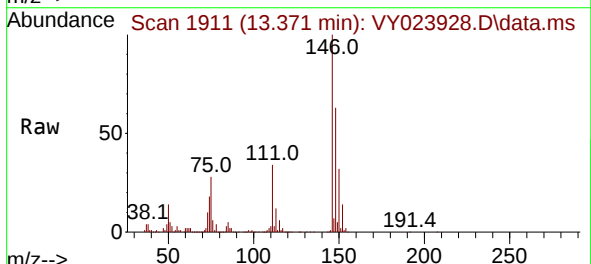
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

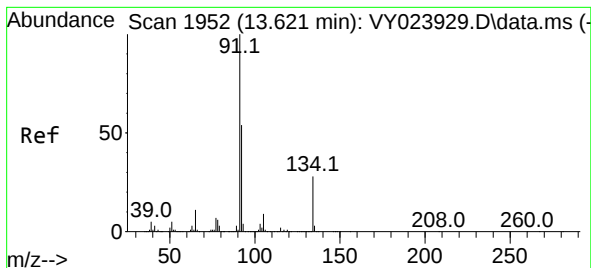
Tgt Ion:146 Resp: 241617
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.9
148 62.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 21.588 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion:146 Resp: 238078
Ion Ratio Lower Upper
146 100
111 37.6 18.4 55.0
148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 21.075 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

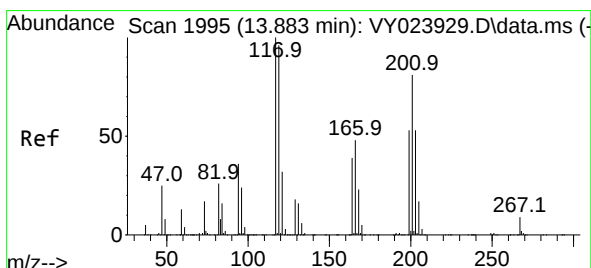
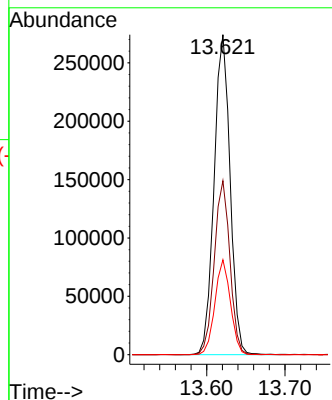
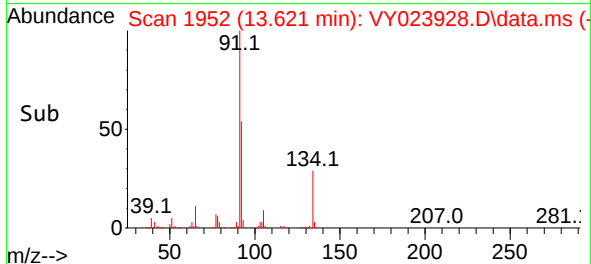
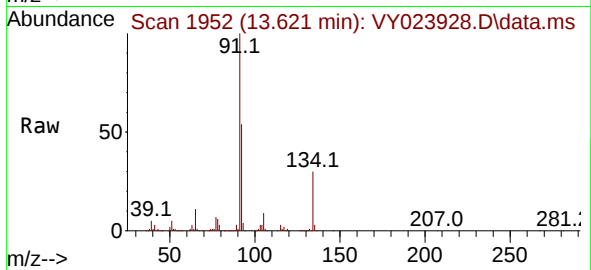
Tgt Ion: 91 Resp: 389648

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

134 28.8 13.9 41.6



#90

Hexachloroethane

Concen: 21.472 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY023928.D

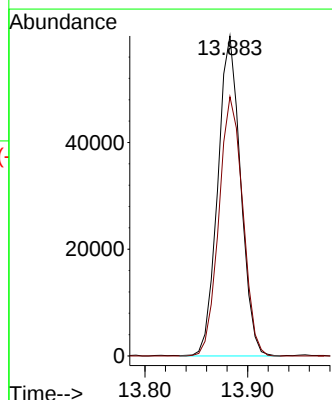
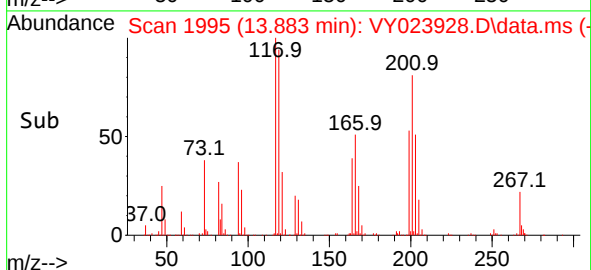
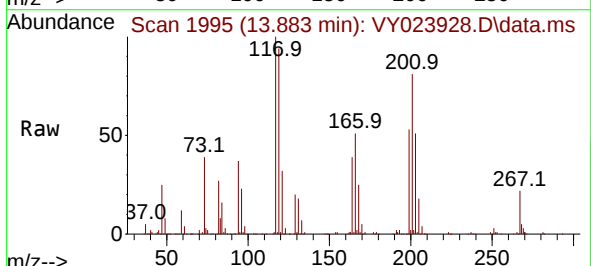
Acq: 10 Dec 2025 09:44

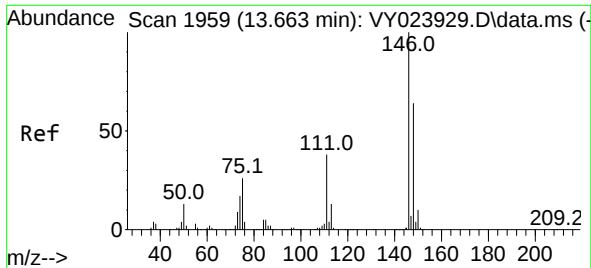
Tgt Ion: 117 Resp: 92596

Ion Ratio Lower Upper

117 100

201 84.5 42.4 127.3

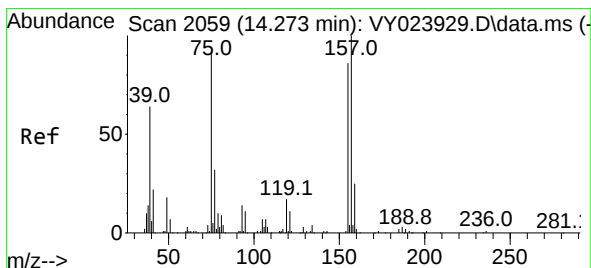
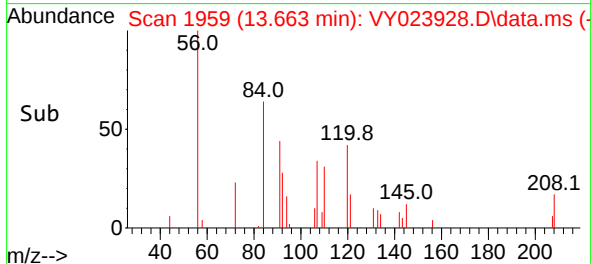
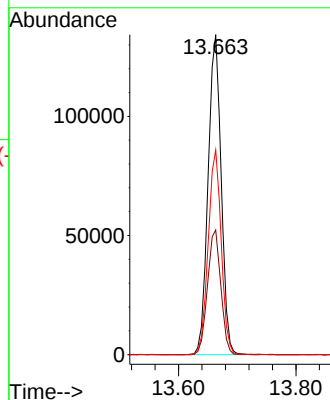
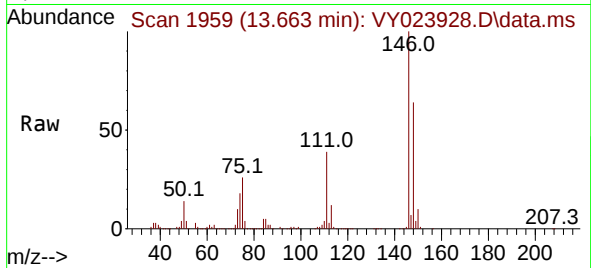




#91
1,2-Dichlorobenzene
Concen: 21.424 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

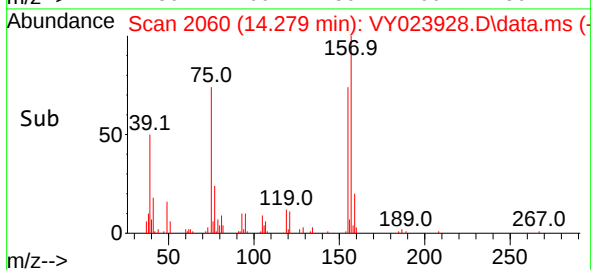
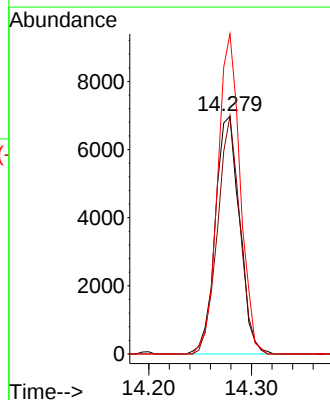
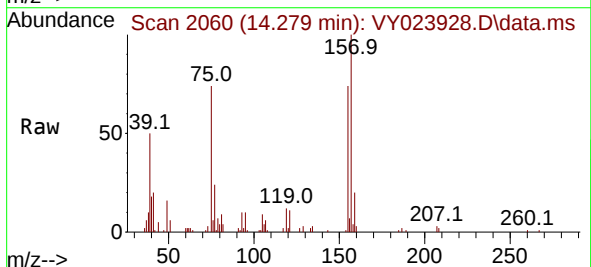
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

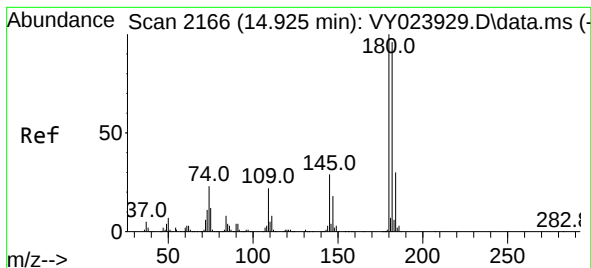
Tgt Ion:146 Resp: 207675
Ion Ratio Lower Upper
146 100
111 39.8 19.6 58.7
148 63.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.855 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023928.D
Acq: 10 Dec 2025 09:44

Tgt Ion: 75 Resp: 11416
Ion Ratio Lower Upper
75 100
155 92.1 50.2 150.7
157 124.6 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 19.999 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

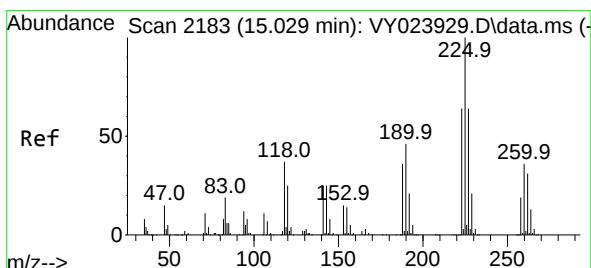
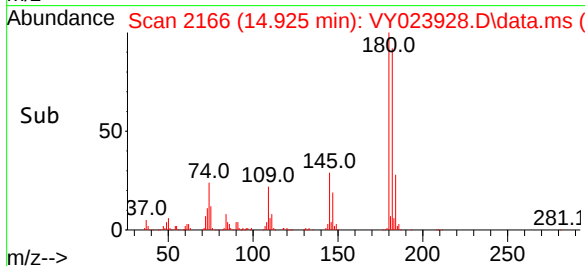
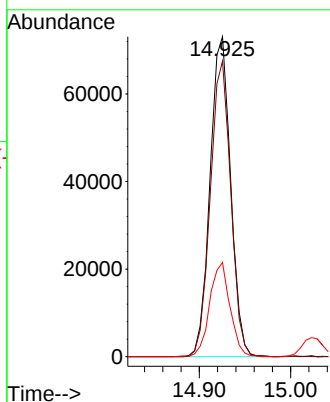
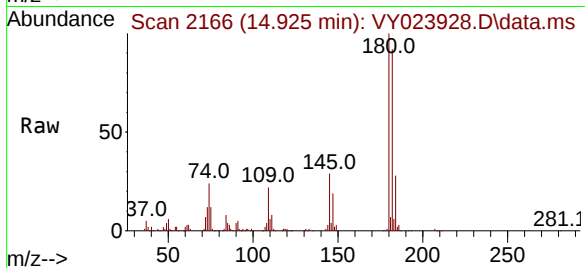
Tgt Ion:180 Resp: 113937

Ion Ratio Lower Upper

180 100

182 91.9 47.6 142.9

145 29.2 14.8 44.4



#94

Hexachlorobutadiene

Concen: 20.339 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

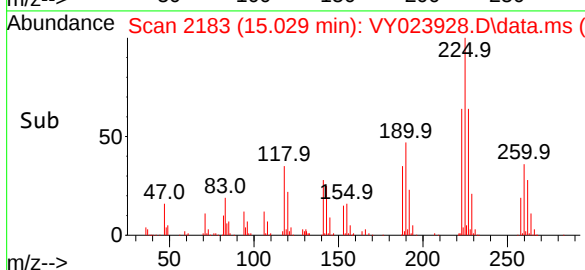
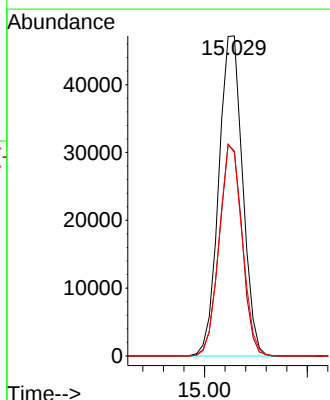
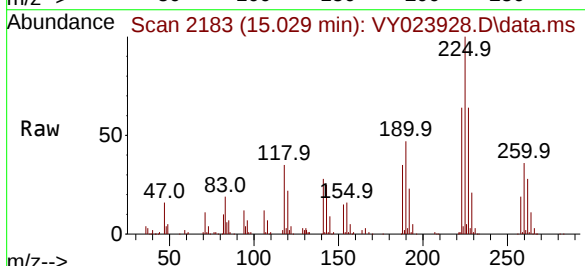
Tgt Ion:225 Resp: 75956

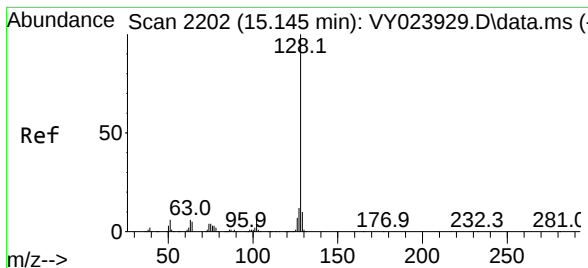
Ion Ratio Lower Upper

225 100

223 63.2 31.6 95.0

227 64.1 31.7 95.1





#95

Naphthalene

Concen: 18.832 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

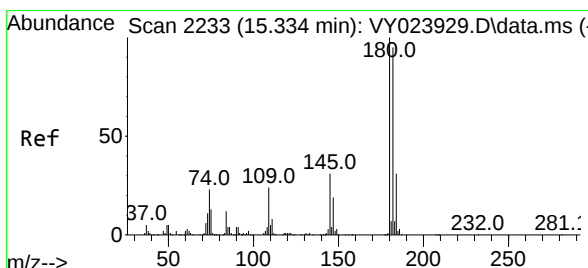
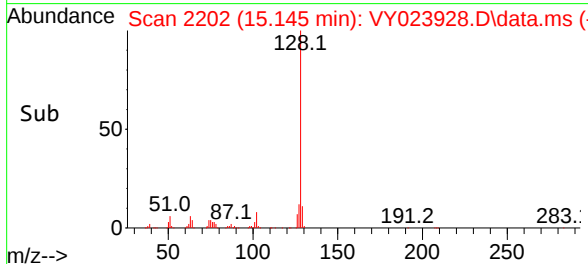
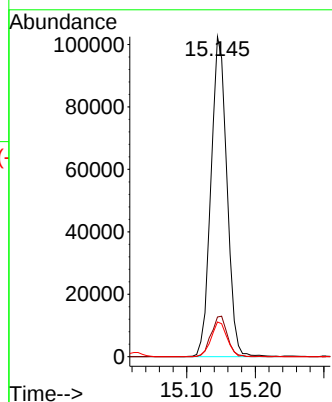
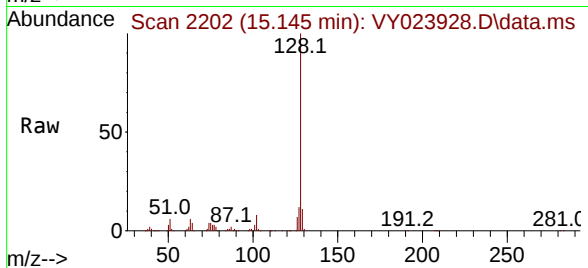
Tgt Ion:128 Resp: 165896

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.591 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY023928.D

Acq: 10 Dec 2025 09:44

Tgt Ion:180 Resp: 94979

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.4

145 31.0 15.6 46.8

