

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020933.D
 Acq On : 24 Jan 2025 16:21
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 25 00:50:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	281879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	419828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	342195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	10646	4.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.480%#
35) Dibromofluoromethane	7.646	113	11086	4.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.200%#
50) Toluene-d8	10.115	98	41178	4.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.800%#
62) 4-Bromofluorobenzene	12.414	95	13378	4.300	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	8.600%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	11106	5.209	ug/l	98
3) Chloromethane	2.074	50	8479	5.347	ug/l	94
4) Vinyl Chloride	2.208	62	8700	5.034	ug/l	95
5) Bromomethane	2.604	94	6882	5.879	ug/l	93
6) Chloroethane	2.745	64	5140	5.069	ug/l	93
7) Trichlorofluoromethane	3.074	101	17977	4.896	ug/l	100
8) Diethyl Ether	3.464	74	5246	4.648	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.830	101	12332	5.090	ug/l	97
10) Methyl Iodide	4.019	142	13968	4.838	ug/l	99
11) Tert butyl alcohol	4.842	59	2470	14.237	ug/l #	74
12) 1,1-Dichloroethene	3.805	96	11301	4.939	ug/l	93
13) Acrolein	3.671	56	4400	18.708	ug/l	93
14) Allyl chloride	4.397	41	15437	4.834	ug/l	97
15) Acrylonitrile	5.074	53	9621	21.688	ug/l	97
16) Acetone	3.873	43	7330	24.072	ug/l	90
17) Carbon Disulfide	4.116	76	34877	4.936	ug/l	100
18) Methyl Acetate	4.403	43	5424	4.931	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	23699	4.472	ug/l	97
20) Methylene Chloride	4.635	84	11691	5.162	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	12413	5.032	ug/l	96
22) Diisopropyl ether	6.031	45	30193	4.700	ug/l	94
23) Vinyl Acetate	5.976	43	74699	21.011	ug/l	99
24) 1,1-Dichloroethane	5.933	63	19970	4.904	ug/l	97
25) 2-Butanone	6.909	43	11135	21.588	ug/l	89
26) 2,2-Dichloropropane	6.896	77	21750	5.423	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	13712	4.925	ug/l	97
28) Bromochloromethane	7.256	49	6553	3.999	ug/l	96
29) Tetrahydrofuran	7.274	42	7033	20.459	ug/l	97
30) Chloroform	7.433	83	21395	4.964	ug/l	92
31) Cyclohexane	7.713	56	23036	5.756	ug/l #	75
32) 1,1,1-Trichloroethane	7.628	97	20789	4.973	ug/l	98
36) 1,1-Dichloropropene	7.847	75	17019	5.058	ug/l	99
37) Ethyl Acetate	6.994	43	5733	4.391	ug/l #	96
38) Carbon Tetrachloride	7.829	117	20118	4.958	ug/l	95
39) Methylcyclohexane	9.122	83	22003	4.830	ug/l	94
40) Benzene	8.091	78	48520	4.915	ug/l	97

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 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 25 00:50:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	2690	3.900	ug/l #	91
42) 1,2-Dichloroethane	8.164	62	11785	4.798	ug/l	99
43) Isopropyl Acetate	8.207	43	9892	3.996	ug/l	96
44) Trichloroethene	8.872	130	12984	4.841	ug/l	97
45) 1,2-Dichloropropane	9.152	63	10331	4.741	ug/l	99
46) Dibromomethane	9.237	93	5533	4.466	ug/l	95
47) Bromodichloromethane	9.432	83	15563	4.721	ug/l	98
48) Methyl methacrylate	9.231	41	4640	3.973	ug/l	92
49) 1,4-Dioxane	9.237	88	1089	85.374	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	25282	20.253	ug/l	98
52) Toluene	10.176	92	30300	4.772	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	13104	4.336	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	16741	4.639	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	7915	4.727	ug/l	98
56) Ethyl methacrylate	10.451	69	8214	3.743	ug/l	95
57) 1,3-Dichloropropane	10.725	76	13090	4.601	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	17897	17.967	ug/l	98
59) 2-Hexanone	10.768	43	14658	18.261	ug/l	99
60) Dibromochloromethane	10.920	129	10778	4.573	ug/l	96
61) 1,2-Dibromoethane	11.024	107	7318	4.569	ug/l	96
64) Tetrachloroethene	10.658	164	12240	5.140	ug/l	95
65) Chlorobenzene	11.450	112	33264	4.971	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	11714	4.926	ug/l	99
67) Ethyl Benzene	11.524	91	56470	4.836	ug/l	99
68) m/p-Xylenes	11.639	106	42909	9.597	ug/l	98
69) o-Xylene	11.963	106	19933	4.773	ug/l	98
70) Styrene	11.975	104	30761	4.494	ug/l	96
71) Bromoform	12.139	173	6090	4.523	ug/l #	98
73) Isopropylbenzene	12.261	105	54948	4.928	ug/l	99
74) N-amyl acetate	12.078	43	7568	3.814	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	7848	4.524	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	9792	8.554	ug/l #	100
77) Bromobenzene	12.542	156	12881	4.928	ug/l	95
78) n-propylbenzene	12.603	91	64297	4.950	ug/l	100
79) 2-Chlorotoluene	12.688	91	36759	4.990	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	43435	4.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	2218	3.744	ug/l #	83
82) 4-Chlorotoluene	12.786	91	37376	4.969	ug/l	99
83) tert-Butylbenzene	13.005	119	40450	4.895	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	42059	4.769	ug/l	99
85) sec-Butylbenzene	13.182	105	57554	4.885	ug/l	99
86) p-Isopropyltoluene	13.298	119	47891	4.811	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	24928	4.981	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	24992	5.083	ug/l	94
89) n-Butylbenzene	13.627	91	41497	4.726	ug/l	100
90) Hexachloroethane	13.889	117	9929	5.021	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	21618	4.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1121	4.301	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	11281	4.325	ug/l	97
94) Hexachlorobutadiene	15.035	225	9074	5.084	ug/l	99
95) Naphthalene	15.157	128	15707	3.755	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	9532	4.349	ug/l	99

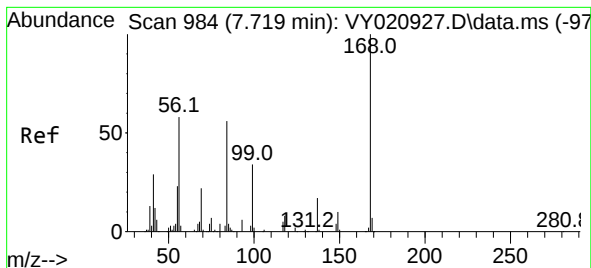
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
Data File : VY020933.D
Acq On : 24 Jan 2025 16:21
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jan 25 00:50:34 2025
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Quant Title : SW846 8260
QLast Update : Sat Jan 25 00:43:14 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

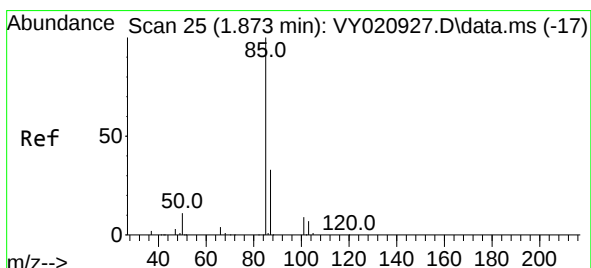
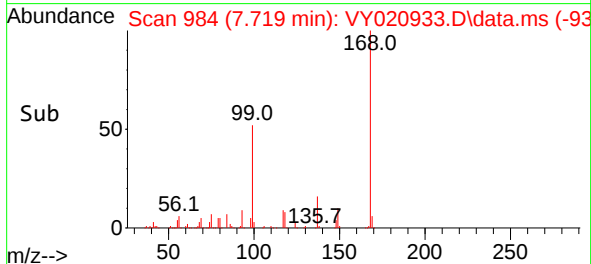
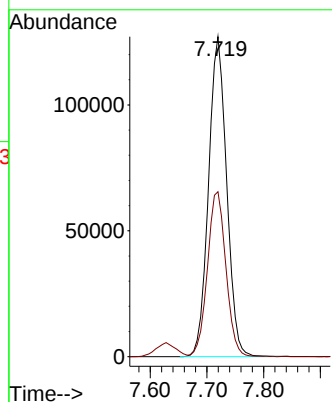
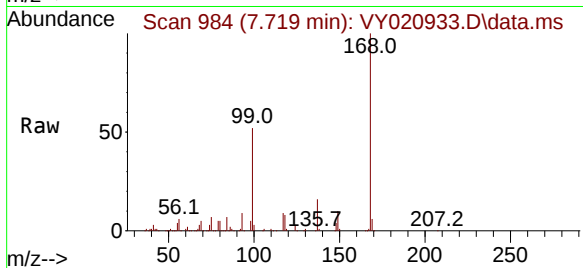
VSTDICC005

Tgt Ion:168 Resp: 281879

Ion Ratio Lower Upper

168 100

99 51.5 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 5.209 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.006 min

Lab File: VY020933.D

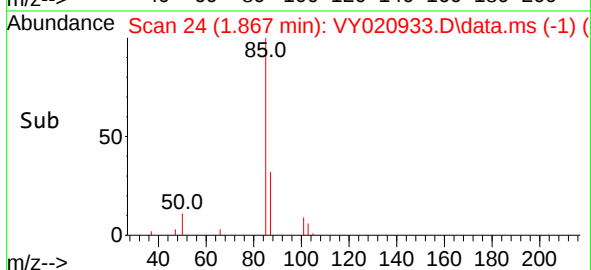
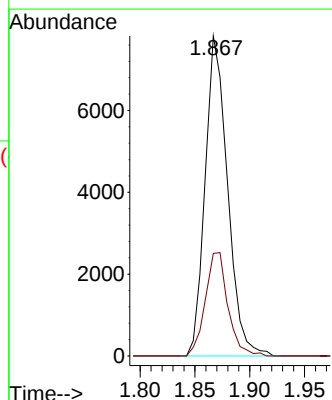
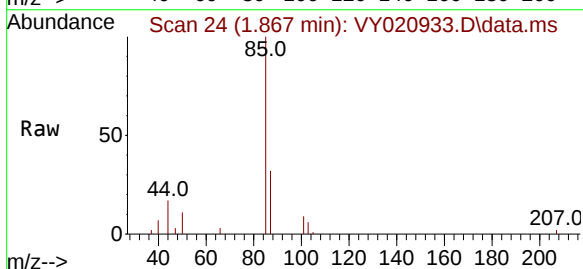
Acq: 24 Jan 2025 16:21

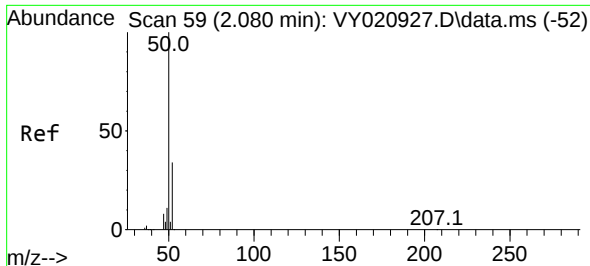
Tgt Ion: 85 Resp: 11106

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8

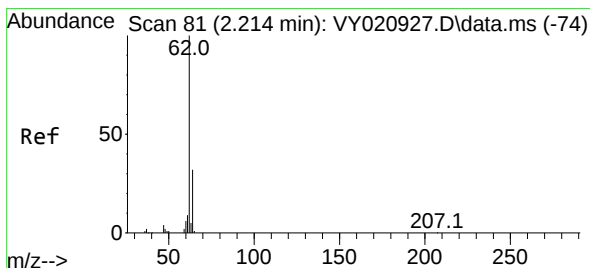
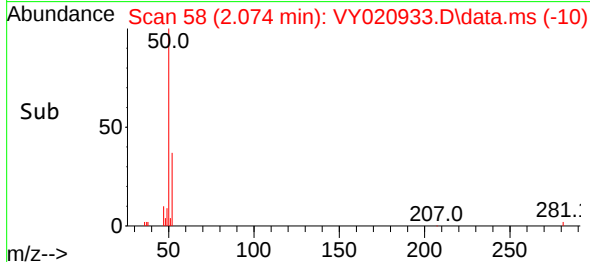
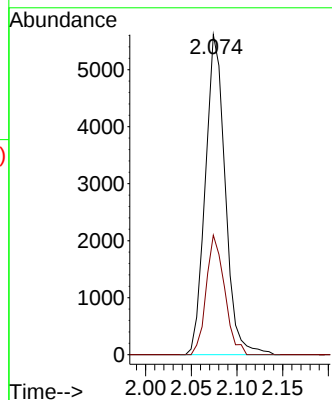
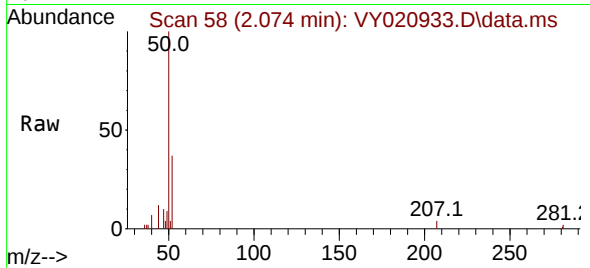




#3
Chloromethane
Concen: 5.347 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

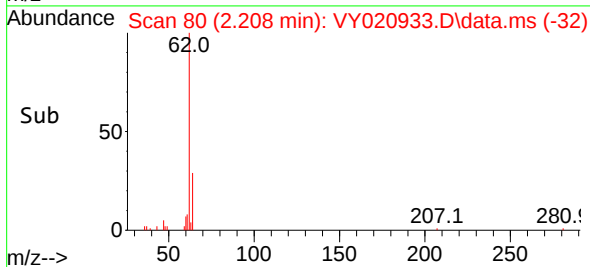
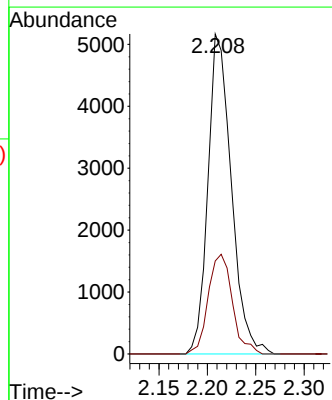
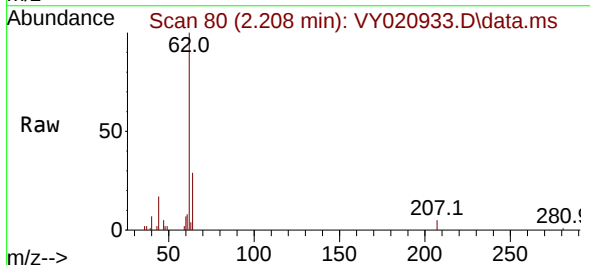
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

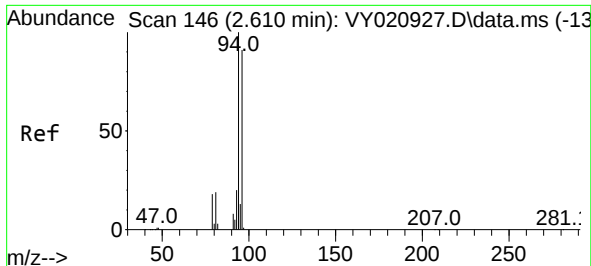
Tgt Ion: 50 Resp: 8479
Ion Ratio Lower Upper
50 100
52 37.4 27.4 41.0



#4
Vinyl Chloride
Concen: 5.034 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 62 Resp: 8700
Ion Ratio Lower Upper
62 100
64 29.1 25.7 38.5

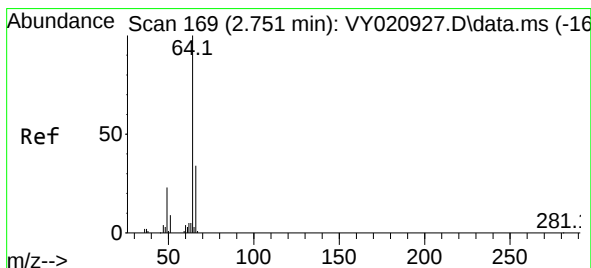
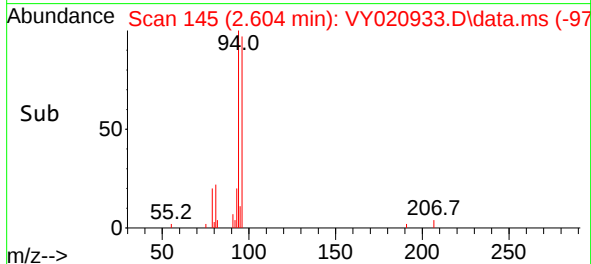
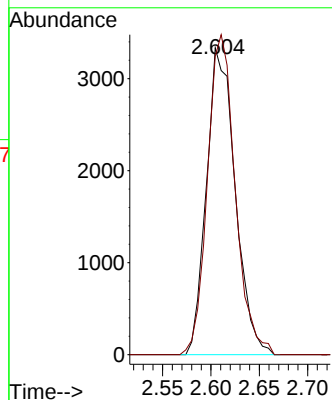
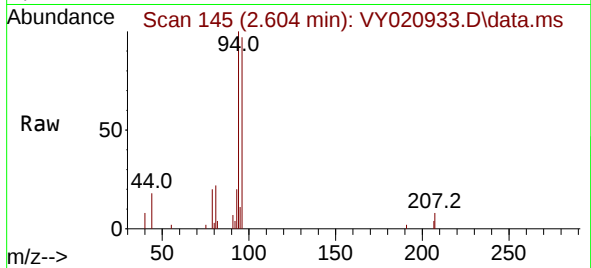




#5
Bromomethane
Concen: 5.879 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

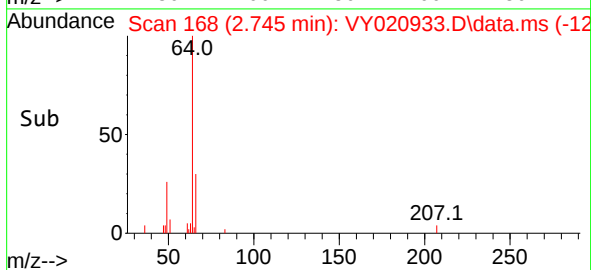
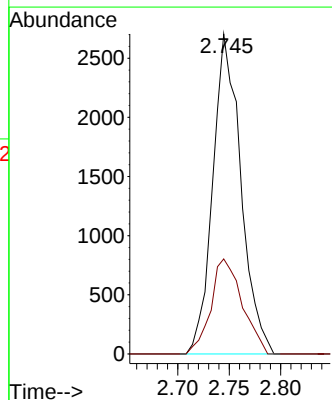
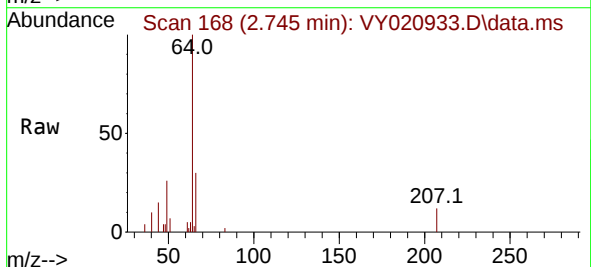
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

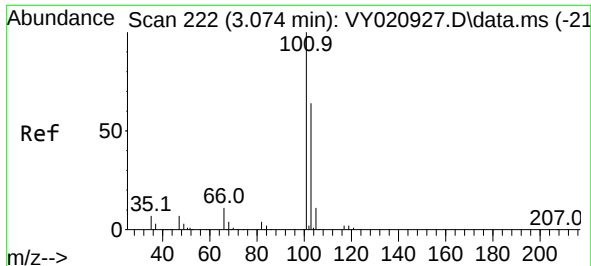
Tgt Ion: 94 Resp: 6882
Ion Ratio Lower Upper
94 100
96 97.3 72.6 109.0



#6
Chloroethane
Concen: 5.069 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 64 Resp: 5140
Ion Ratio Lower Upper
64 100
66 29.7 26.9 40.3

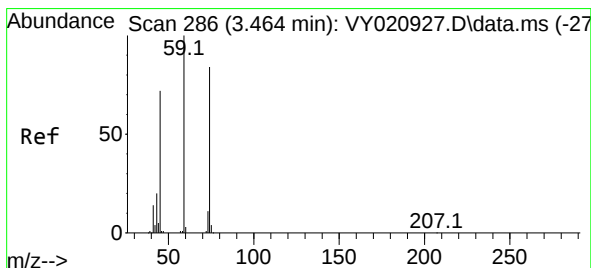
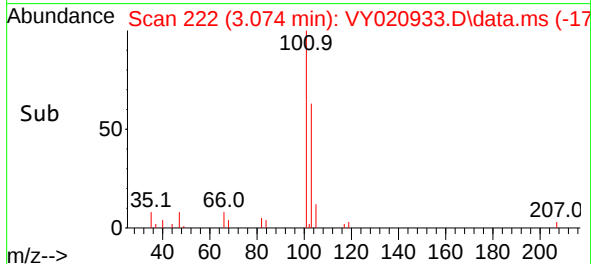
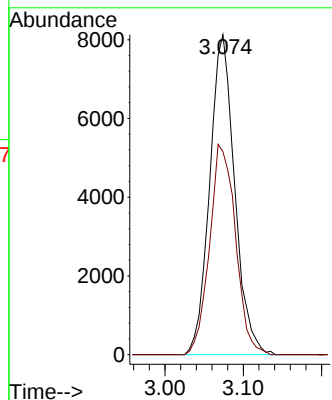
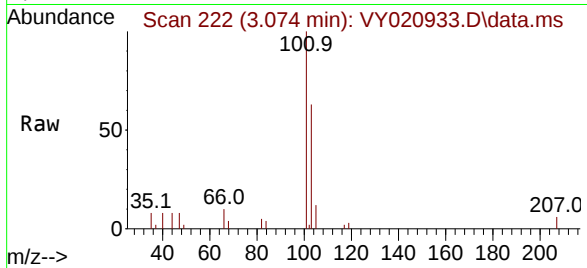




#7
Trichlorofluoromethane
Concen: 4.896 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

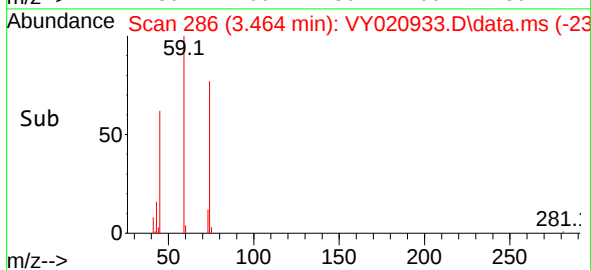
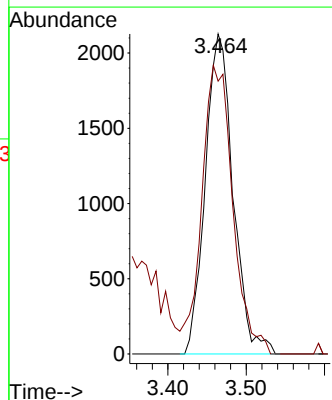
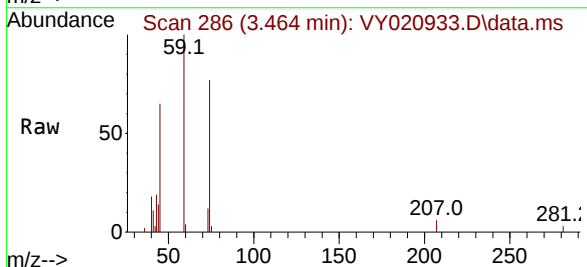
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

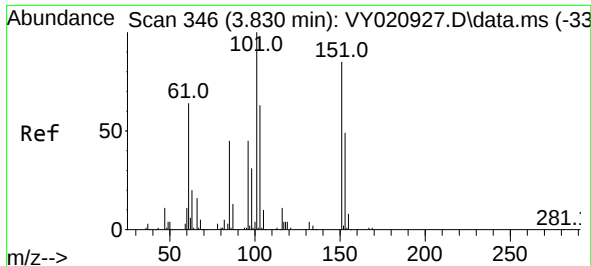
Tgt Ion:101 Resp: 17977
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4



#8
Diethyl Ether
Concen: 4.648 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 74 Resp: 5246
Ion Ratio Lower Upper
74 100
45 100.5 45.1 135.2

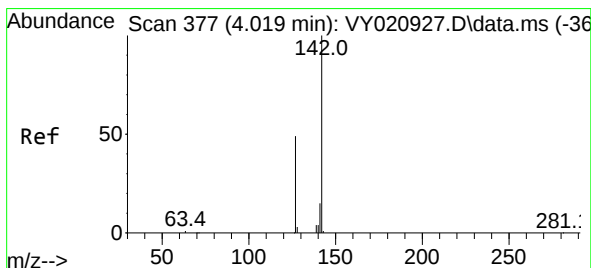
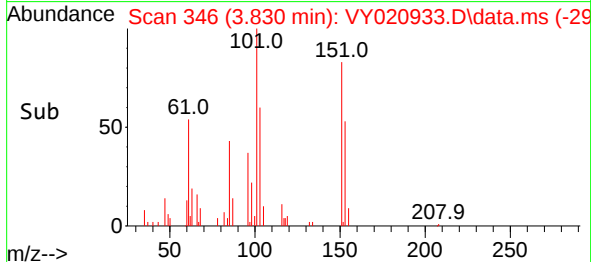
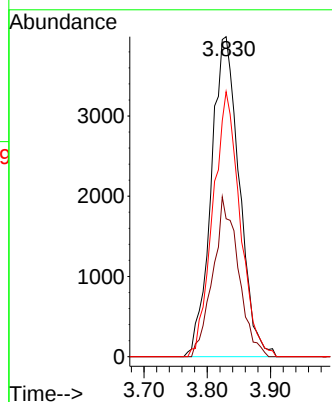
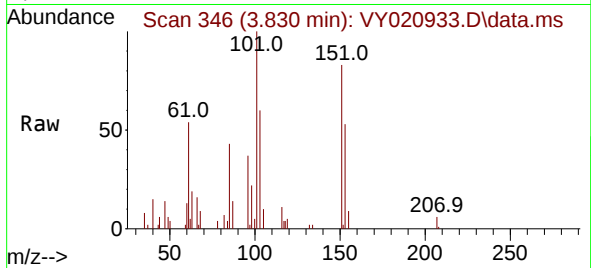




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.090 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020933.D
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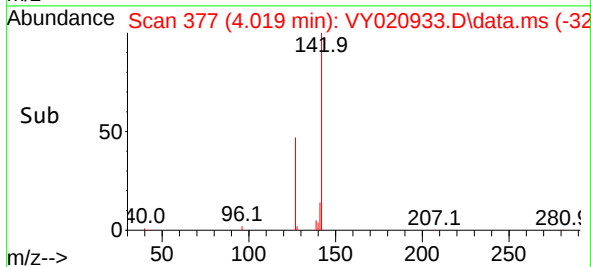
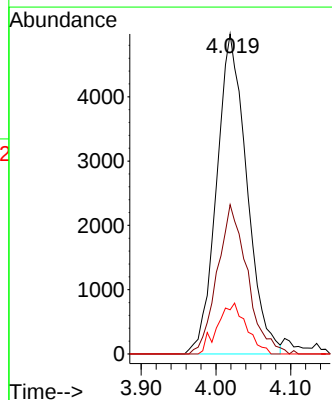
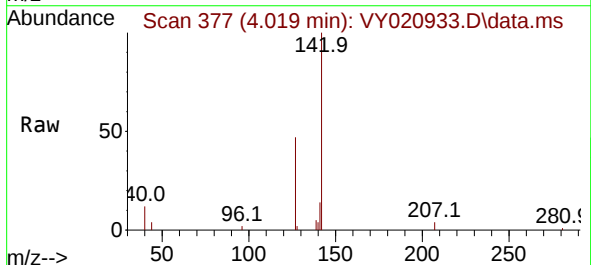
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

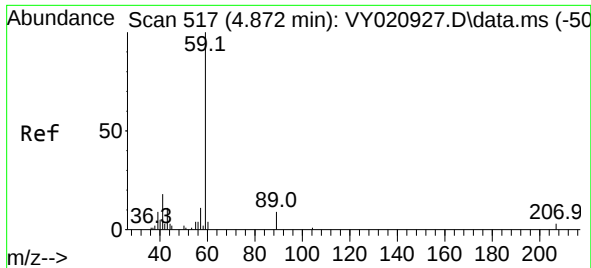
Tgt Ion:101 Resp: 12332
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 79.7 66.3 99.5



#10
Methyl Iodide
Concen: 4.838 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:142 Resp: 13968
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 15.2 11.4 17.2

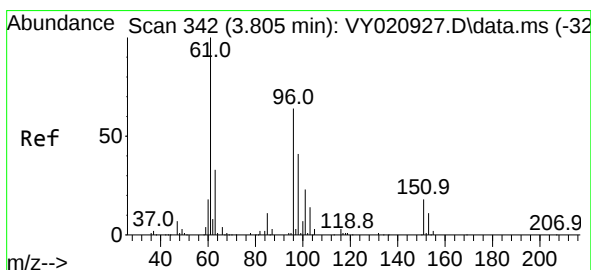
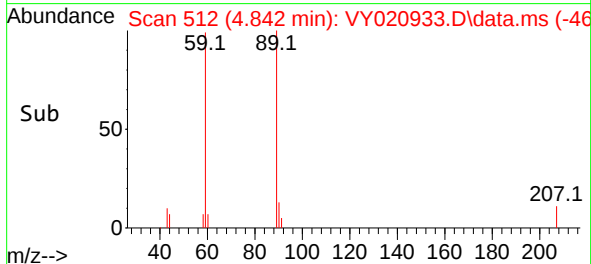
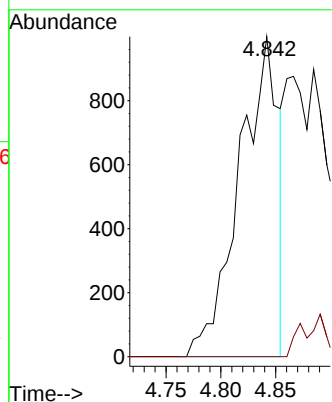
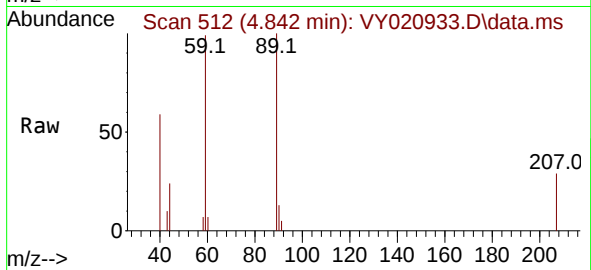




#11
Tert butyl alcohol
Concen: 14.237 ug/l
RT: 4.842 min Scan# 517
Delta R.T. -0.030 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

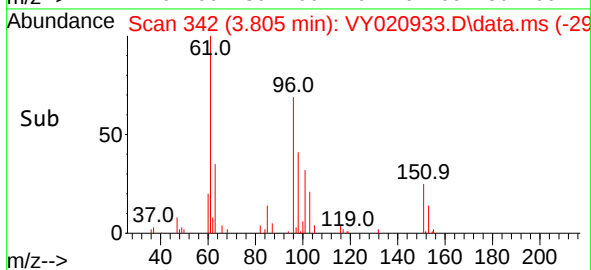
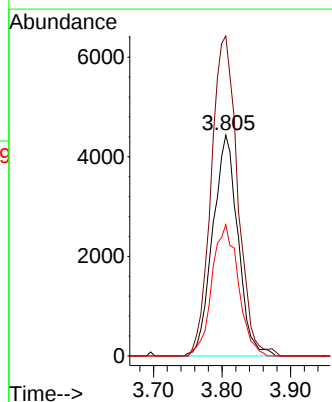
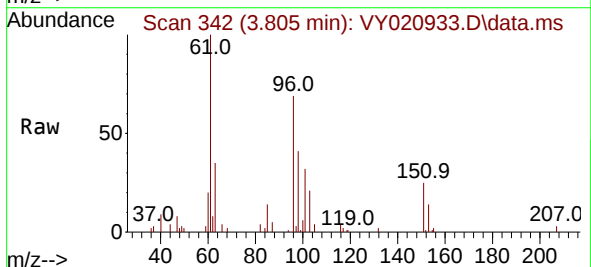
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

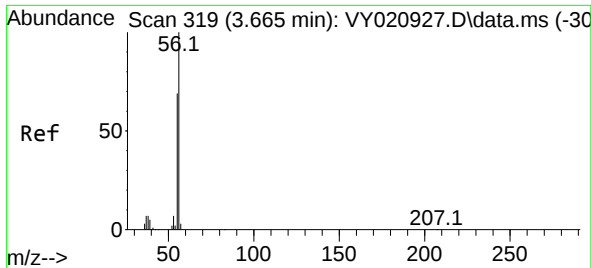
Tgt Ion: 59 Resp: 2470
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 4.939 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 96 Resp: 11301
Ion Ratio Lower Upper
96 100
61 145.0 124.5 186.7
98 59.5 50.5 75.7

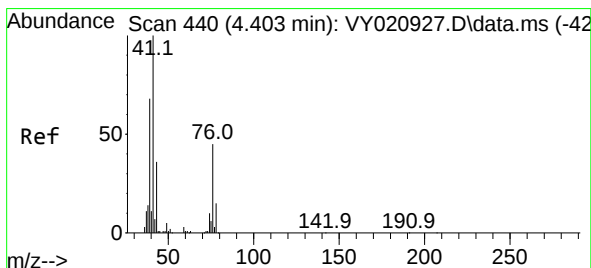
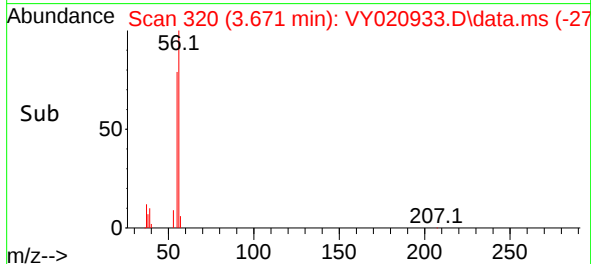
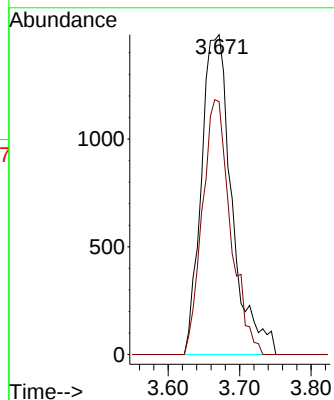
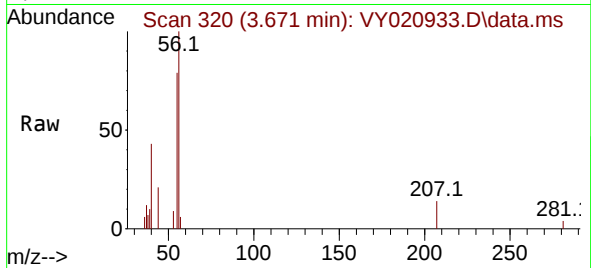




#13
Acrolein
Concen: 18.708 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

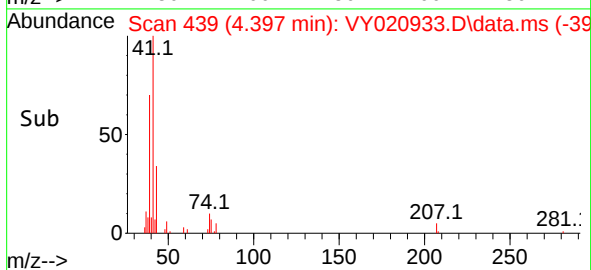
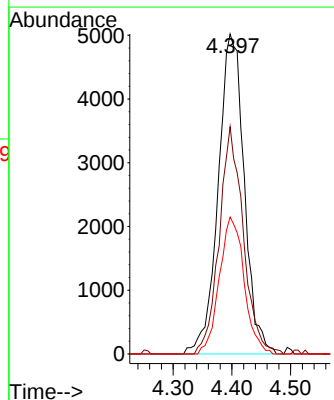
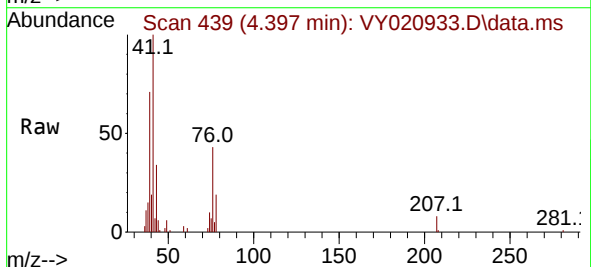
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

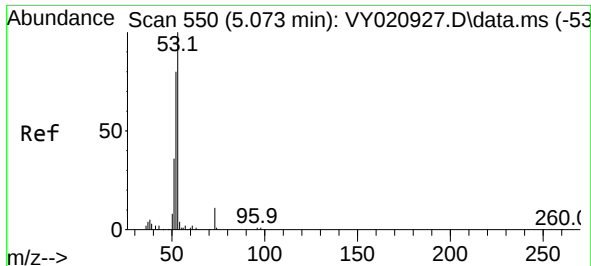
Tgt Ion: 56 Resp: 4400
Ion Ratio Lower Upper
56 100
55 73.8 54.6 81.8



#14
Allyl chloride
Concen: 4.834 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 41 Resp: 15437
Ion Ratio Lower Upper
41 100
39 65.6 53.8 80.6
76 40.7 34.2 51.4

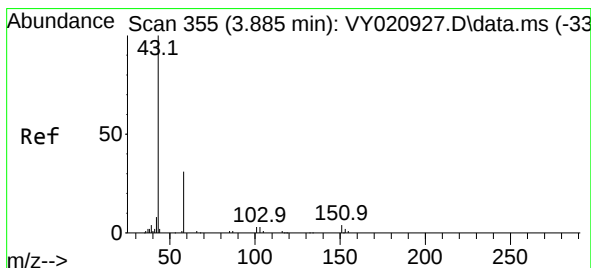
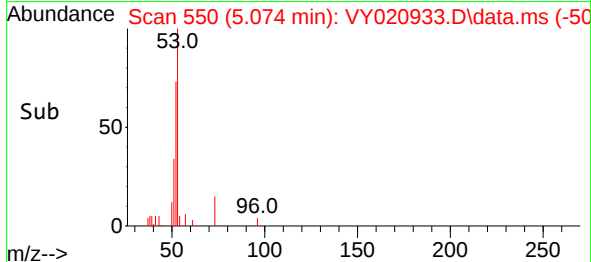
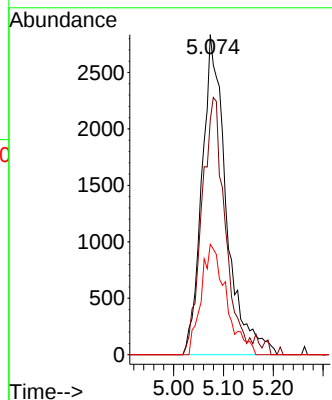
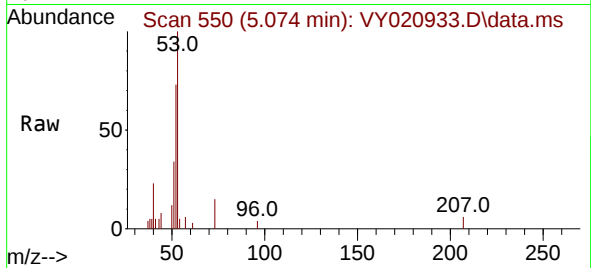




#15
Acrylonitrile
Concen: 21.688 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

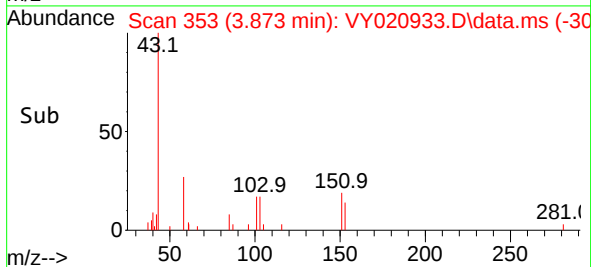
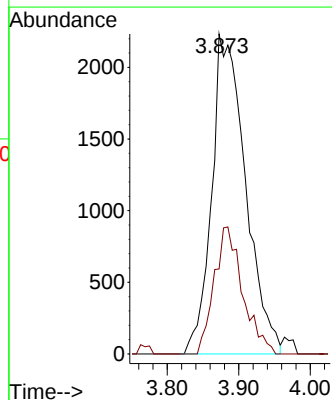
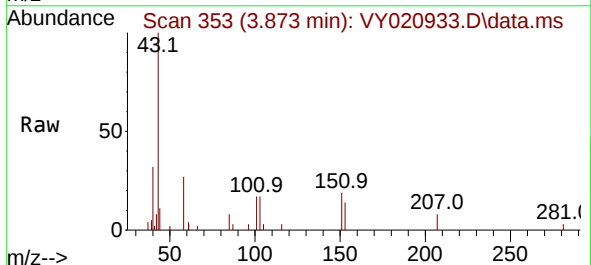
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

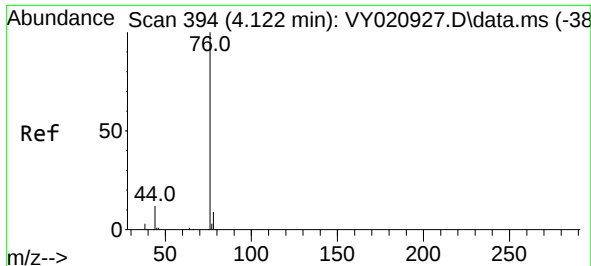
Tgt Ion:	53	Resp:	9621
Ion	Ratio	Lower	Upper
53	100		
52	76.8	64.5	96.7
51	35.5	28.9	43.3



#16
Acetone
Concen: 24.072 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:	43	Resp:	7330
Ion	Ratio	Lower	Upper
43	100		
58	26.6	25.6	38.4

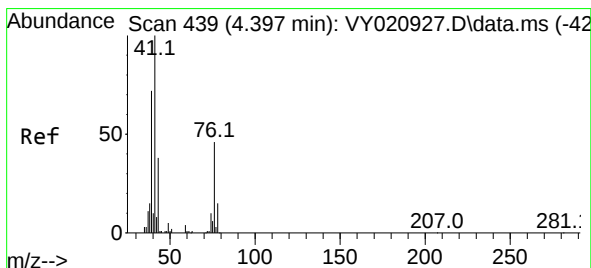
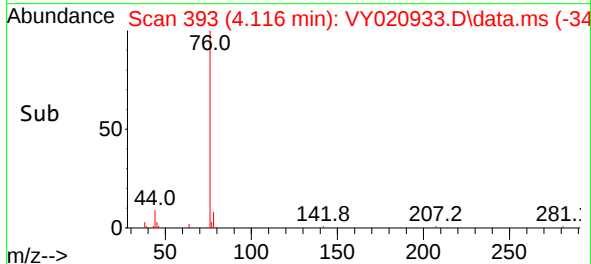
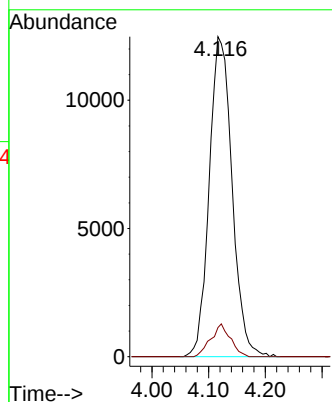
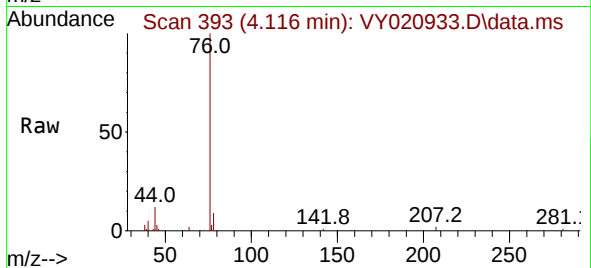




#17
Carbon Disulfide
Concen: 4.936 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

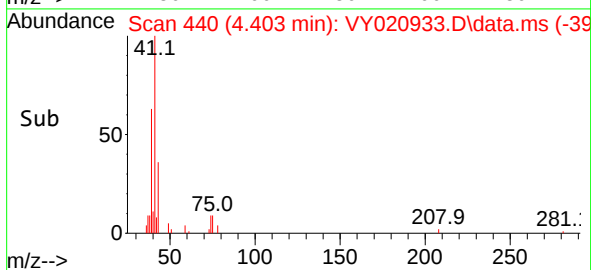
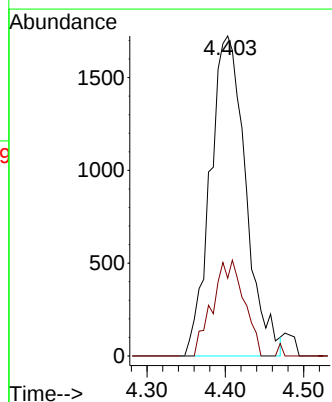
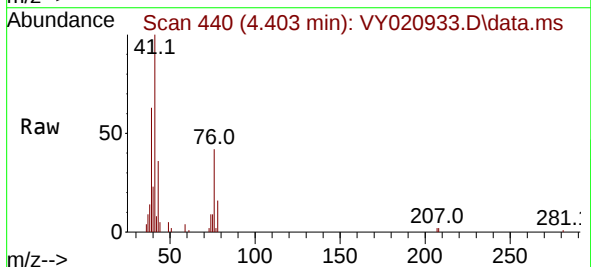
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

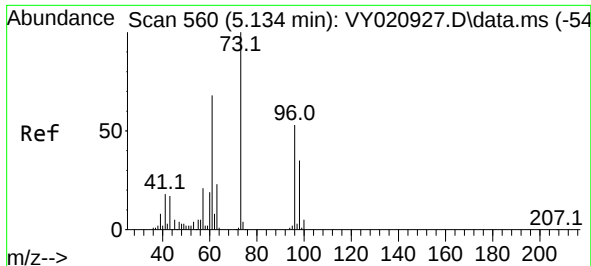
Tgt Ion: 76 Resp: 34877
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 4.931 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6

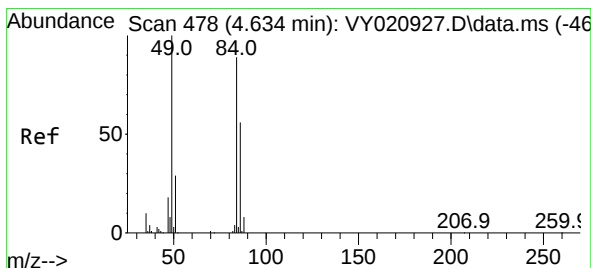
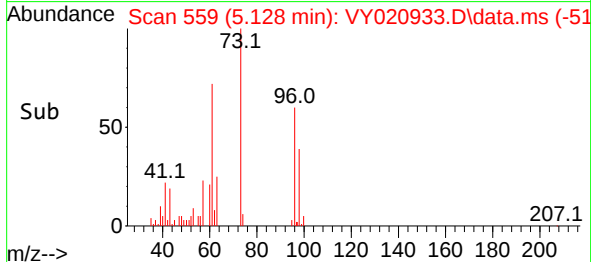
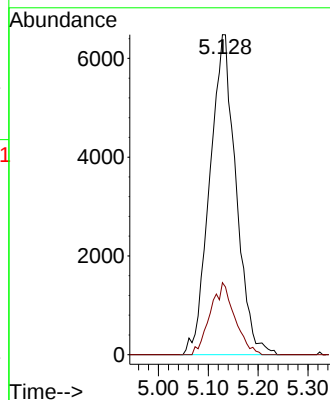
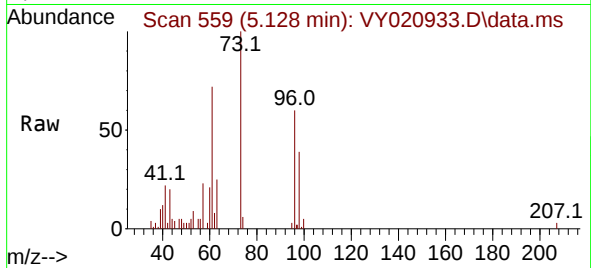




#19
Methyl tert-butyl Ether
Concen: 4.472 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

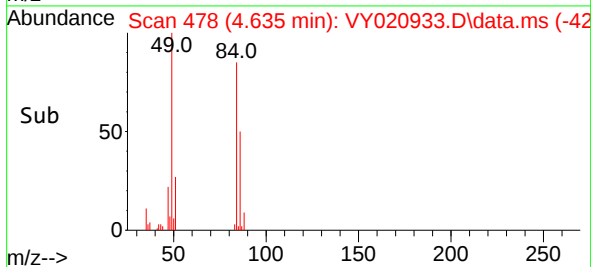
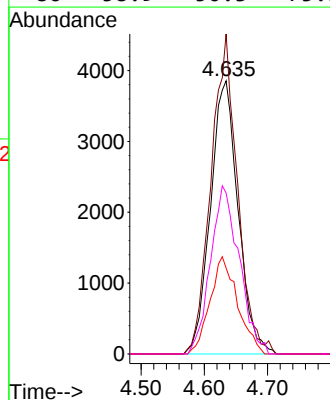
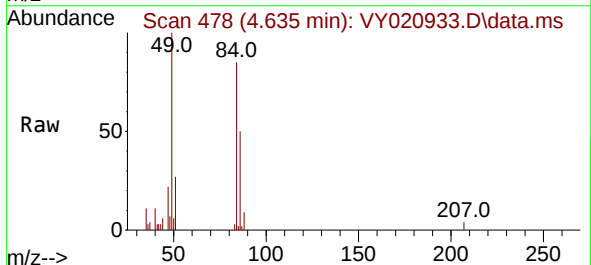
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

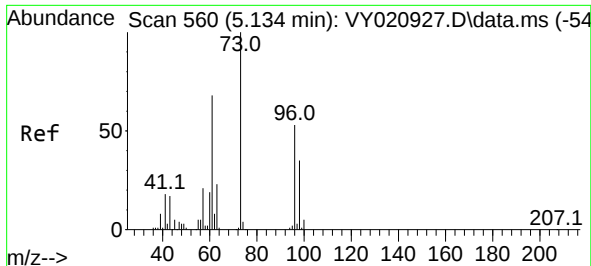
Tgt Ion: 73 Resp: 23699
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6



#20
Methylene Chloride
Concen: 5.162 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 84 Resp: 11691
Ion Ratio Lower Upper
84 100
49 117.2 90.3 135.5
51 31.4 26.6 39.8
86 58.9 50.3 75.5

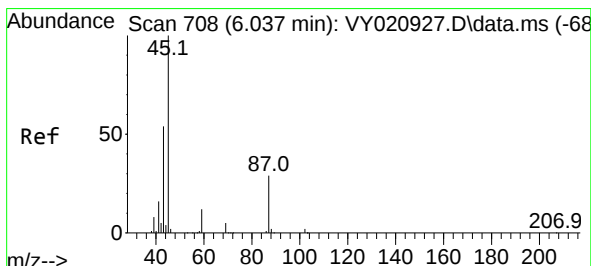
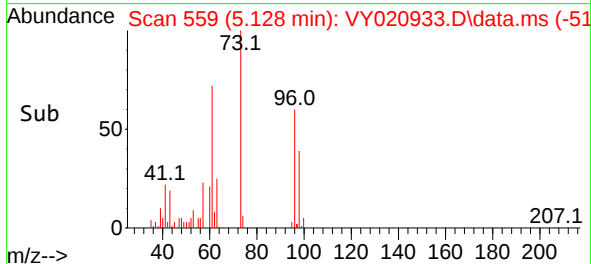
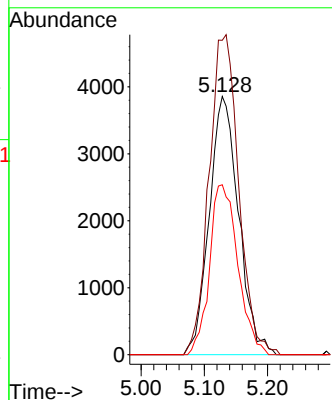
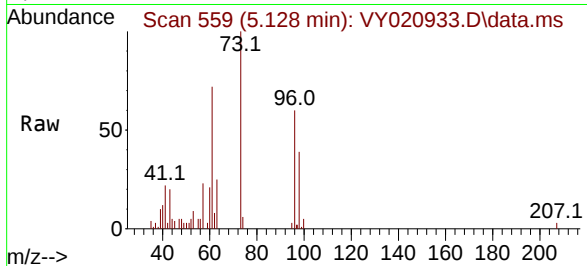




#21
trans-1,2-Dichloroethene
Concen: 5.032 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

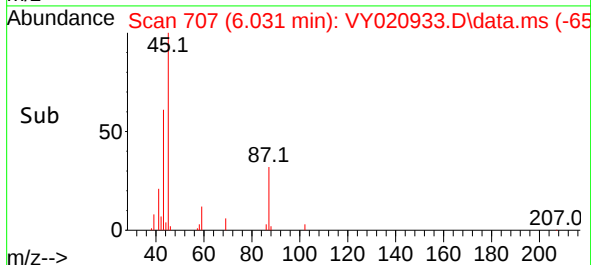
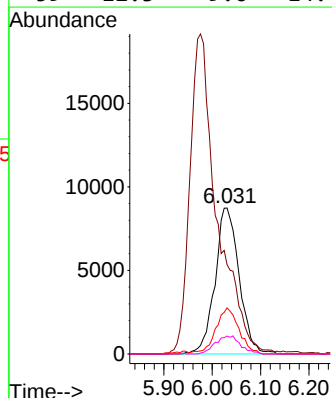
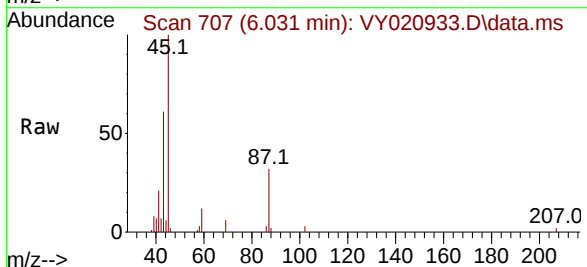
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

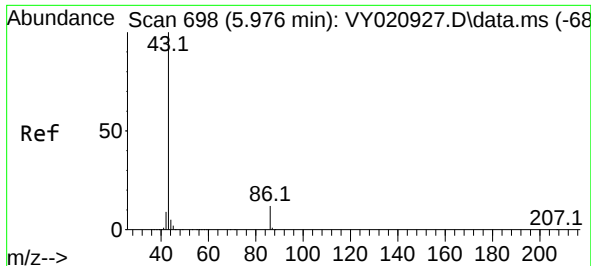
Tgt Ion: 96 Resp: 12413
Ion Ratio Lower Upper
96 100
61 121.8 102.4 153.6
98 65.8 52.0 78.0



#22
Diisopropyl ether
Concen: 4.700 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 45 Resp: 30193
Ion Ratio Lower Upper
45 100
43 59.8 43.2 64.8
87 31.6 23.4 35.0
59 12.3 9.6 14.4

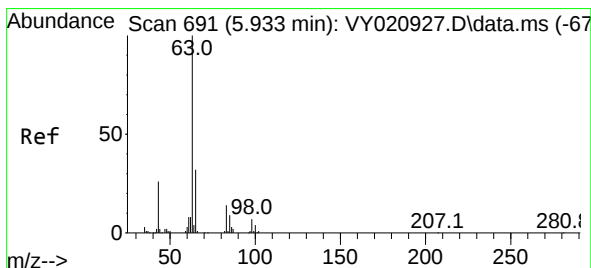
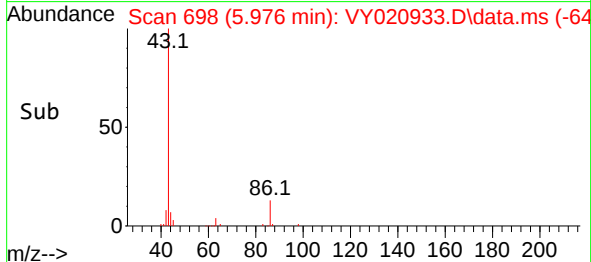
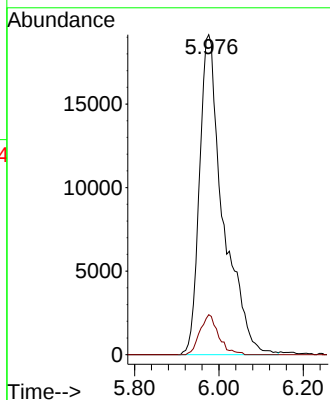
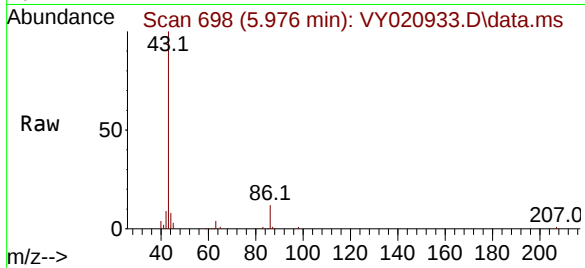




#23
 Vinyl Acetate
 Concen: 21.011 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

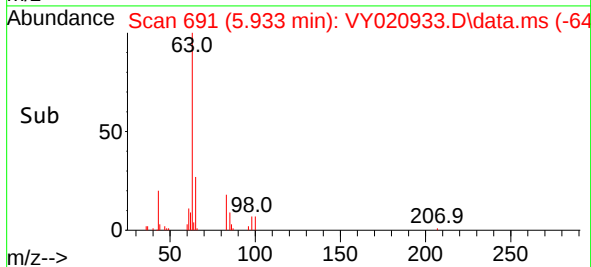
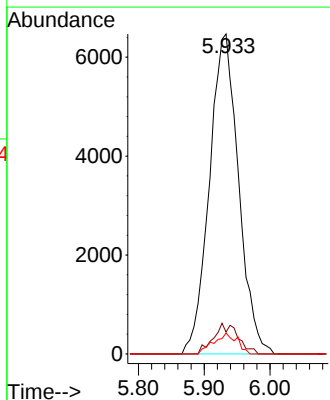
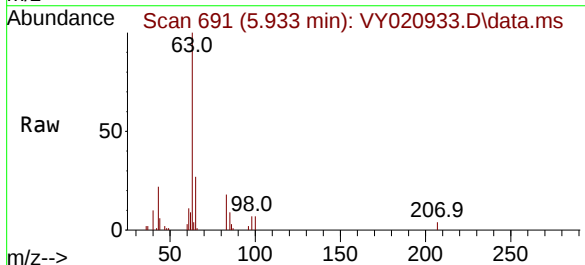
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

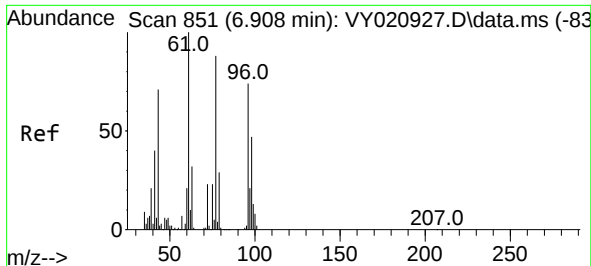
Tgt Ion: 43 Resp: 74699
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 4.904 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

Tgt Ion: 63 Resp: 19970
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 6.6 2.3 6.8

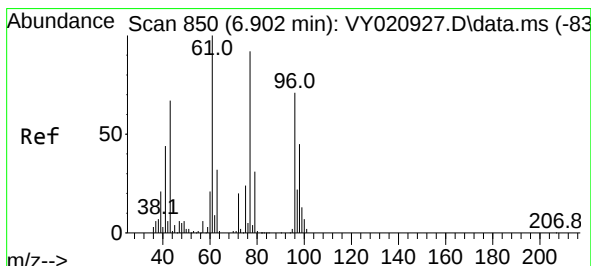
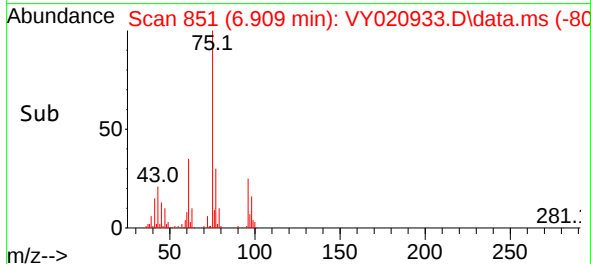
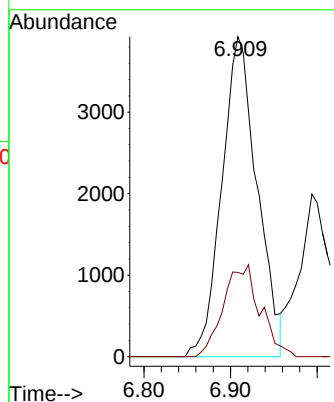
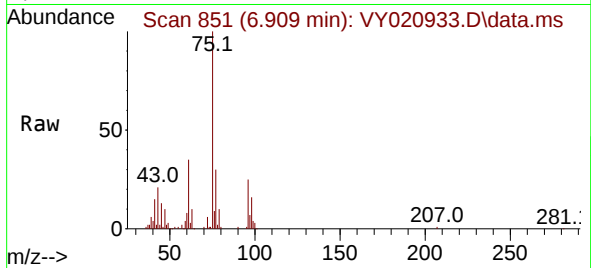




#25
2-Butanone
Concen: 21.588 ug/l
RT: 6.909 min Scan# 811
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

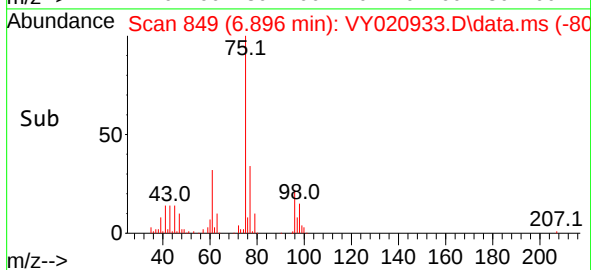
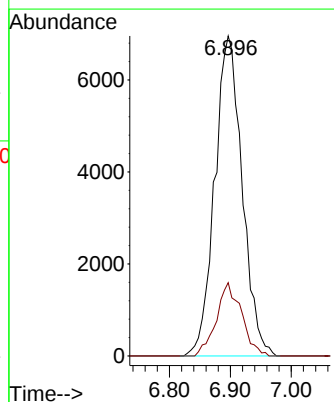
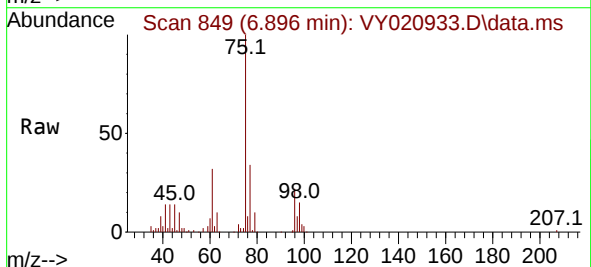
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

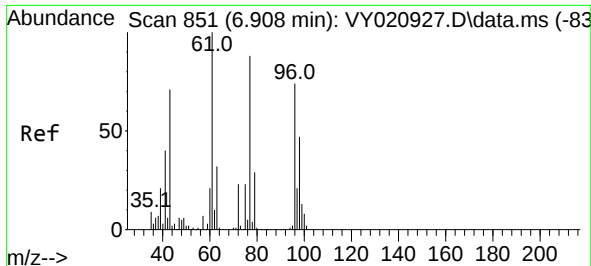
Tgt Ion: 43 Resp: 11135
Ion Ratio Lower Upper
43 100
72 26.4 25.8 38.8



#26
2,2-Dichloropropane
Concen: 5.423 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 77 Resp: 21750
Ion Ratio Lower Upper
77 100
97 21.0 11.7 35.1

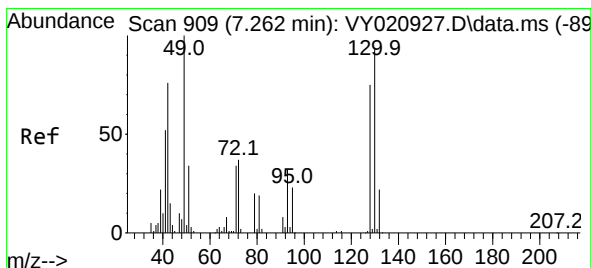
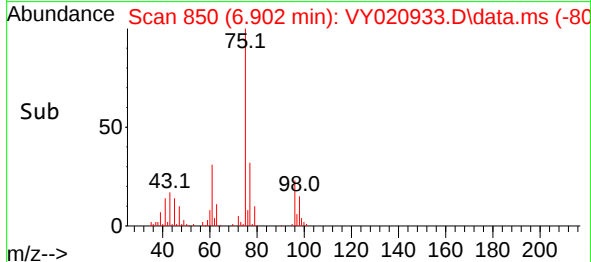
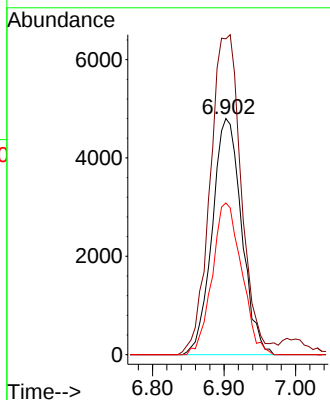
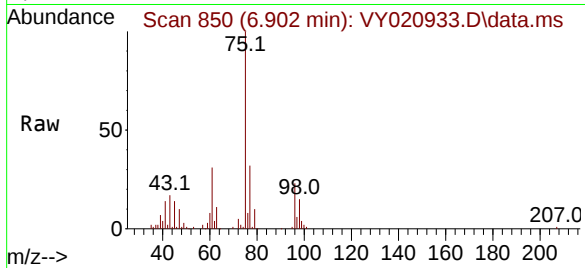




#27
 cis-1,2-Dichloroethene
 Concen: 4.925 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.006 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

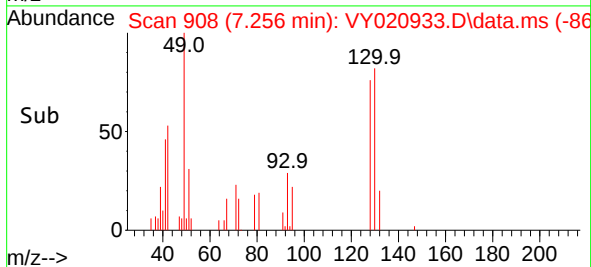
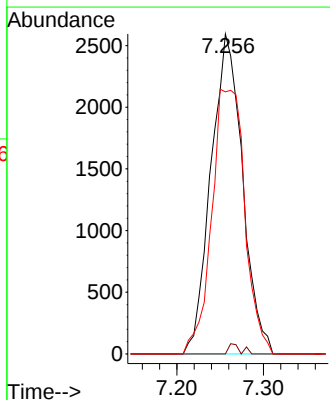
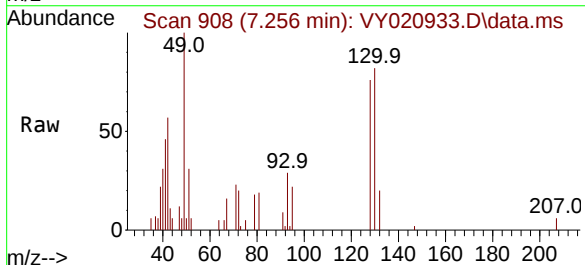
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

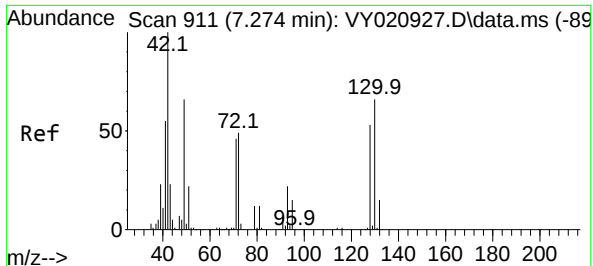
Tgt Ion: 96 Resp: 13712
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 275.2
 98 64.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 3.999 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

Tgt Ion: 49 Resp: 6553
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 86.8 72.6 109.0





#29

Tetrahydrofuran

Concen: 20.459 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

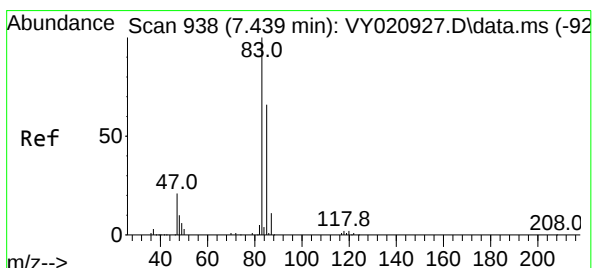
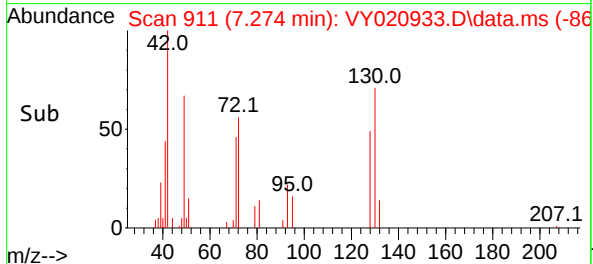
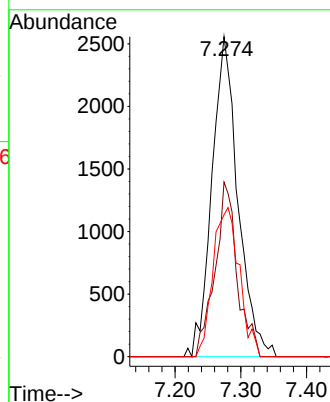
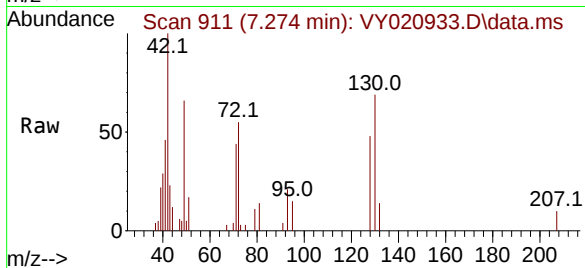
Tgt Ion: 42 Resp: 7033

Ion Ratio Lower Upper

42 100

72 46.7 38.8 58.2

71 47.0 36.4 54.6



#30

Chloroform

Concen: 4.964 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020933.D

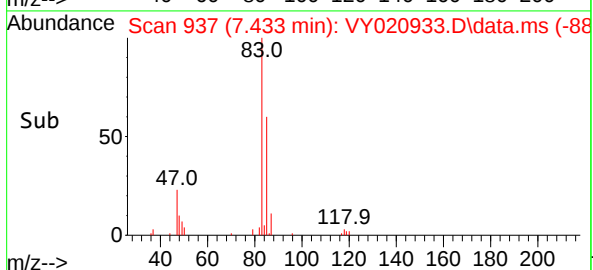
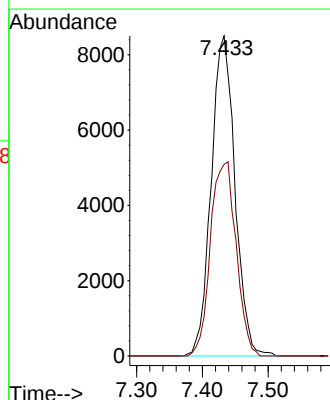
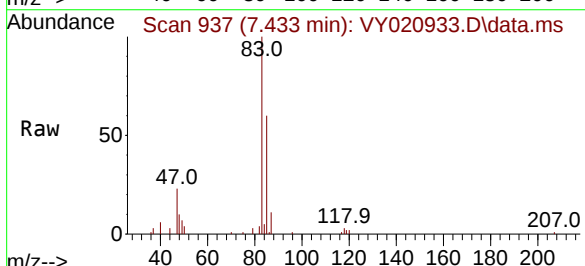
Acq: 24 Jan 2025 16:21

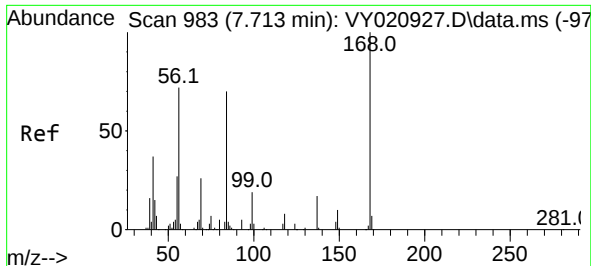
Tgt Ion: 83 Resp: 21395

Ion Ratio Lower Upper

83 100

85 59.9 53.0 79.4

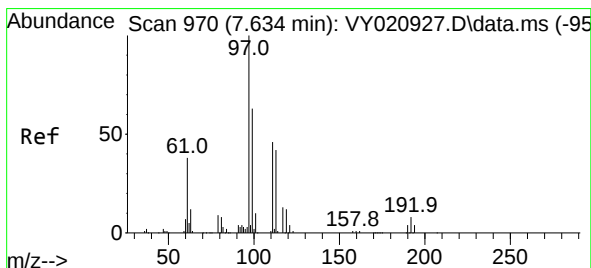
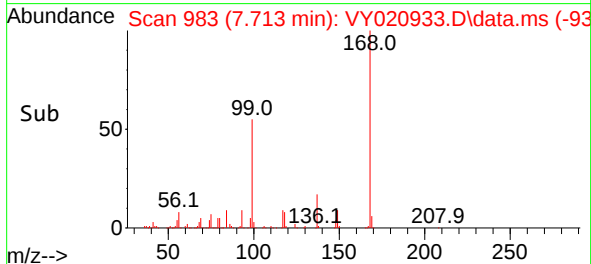
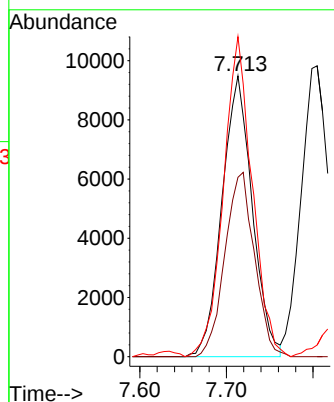
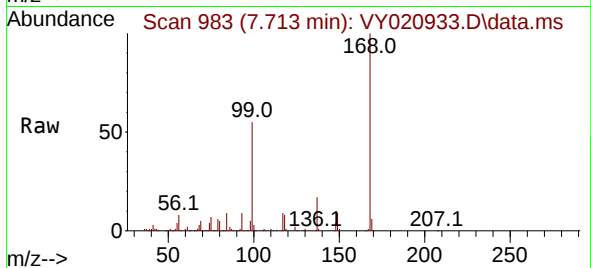




#31
Cyclohexane
Concen: 5.756 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

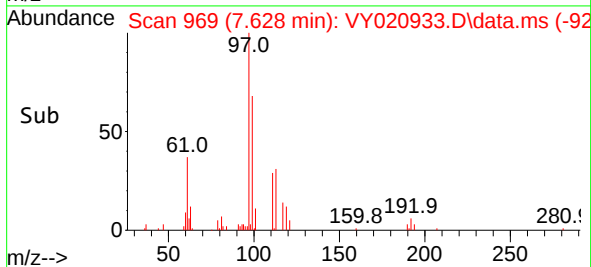
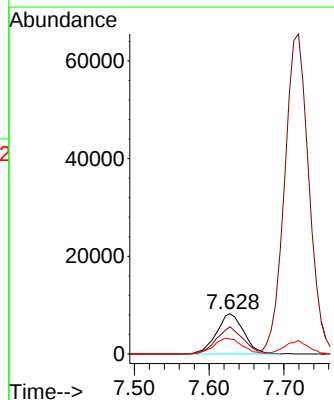
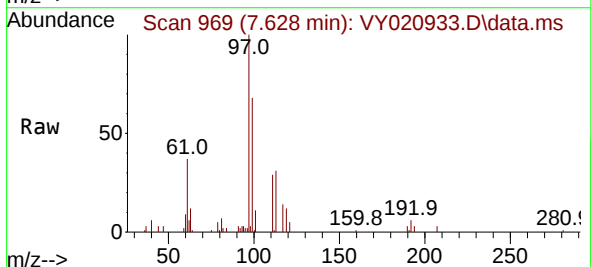
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

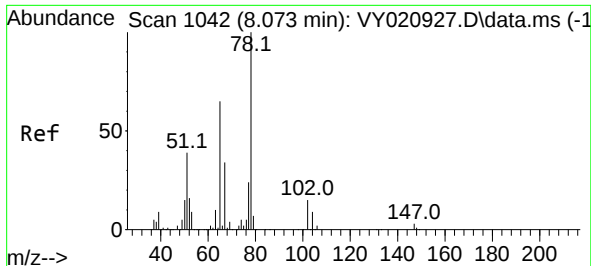
Tgt Ion: 56 Resp: 23036
Ion Ratio Lower Upper
56 100
69 63.9 28.7 43.1#
84 112.9 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 4.973 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 97 Resp: 20789
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 40.7 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 4.737 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

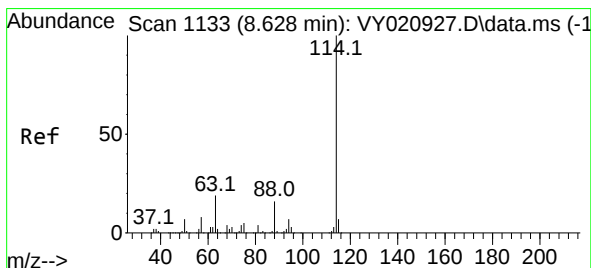
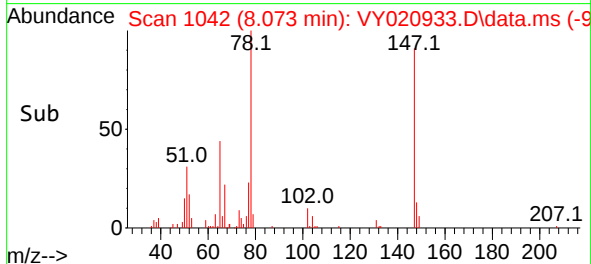
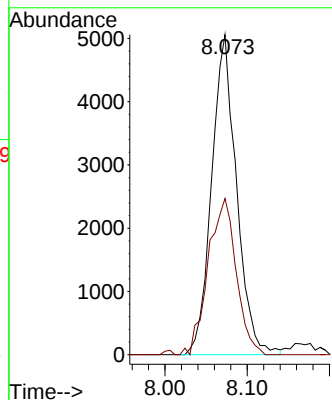
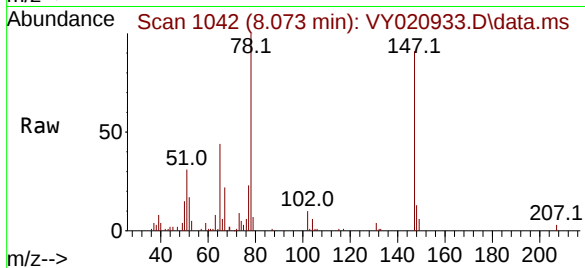
VSTDIC005

Tgt Ion: 65 Resp: 10646

Ion Ratio Lower Upper

65 100

67 54.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

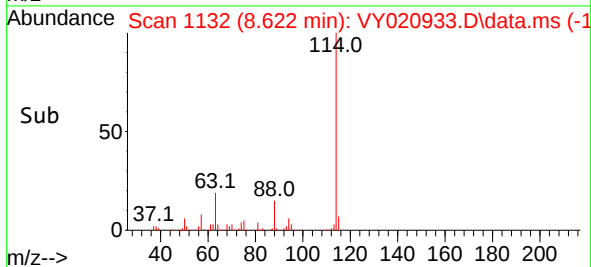
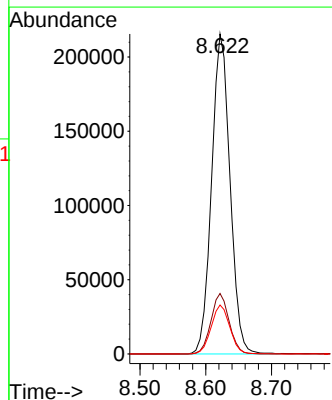
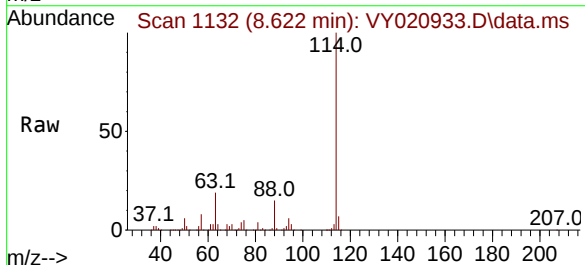
Tgt Ion: 114 Resp: 419828

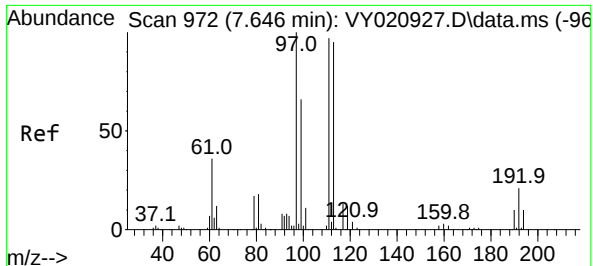
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.3 0.0 31.6

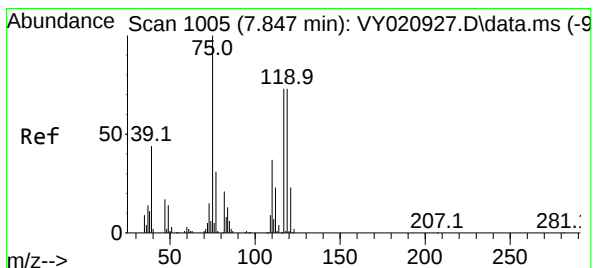
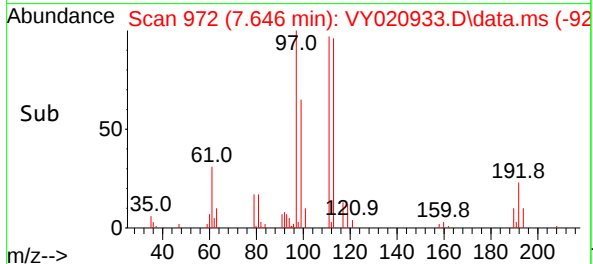
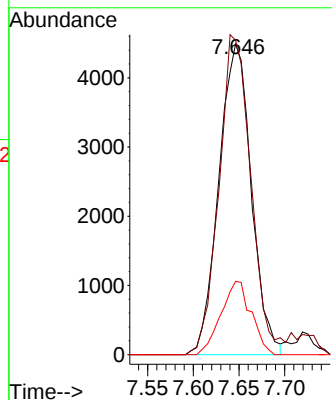
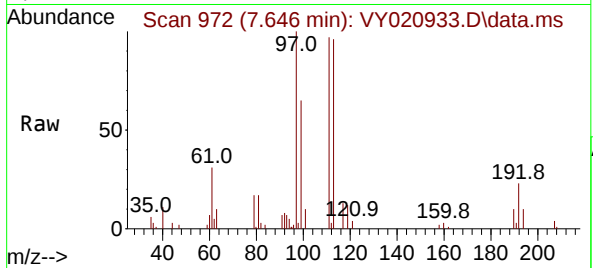




#35
Dibromofluoromethane
Concen: 4.600 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

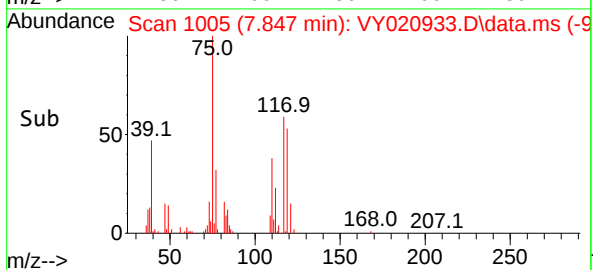
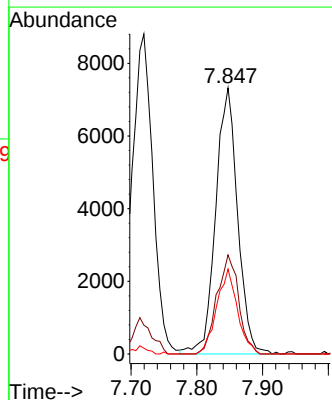
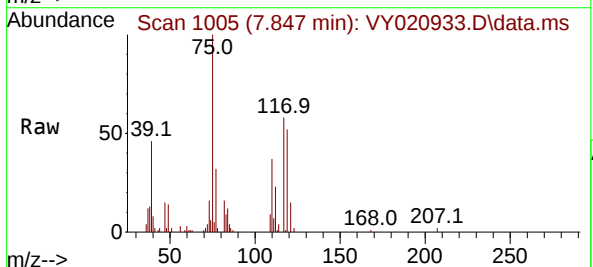
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

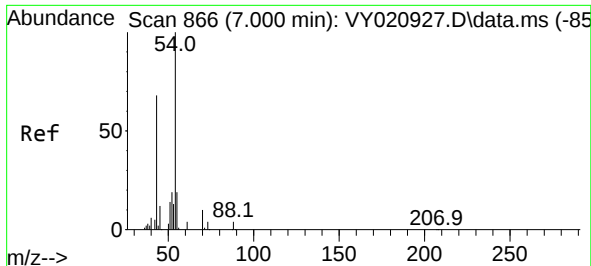
Tgt Ion:113 Resp: 11086
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 21.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 75 Resp: 17019
Ion Ratio Lower Upper
75 100
110 36.7 18.5 55.5
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 4.391 ug/l

RT: 6.994 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

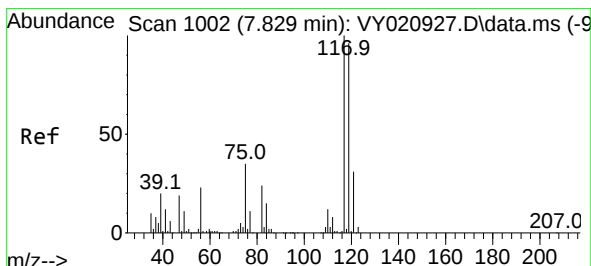
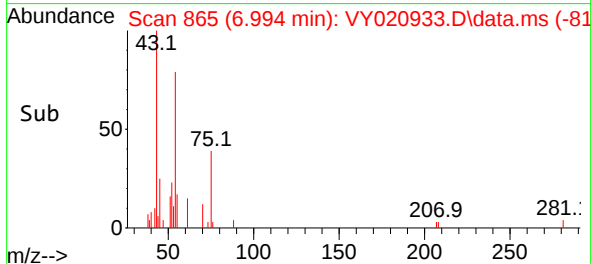
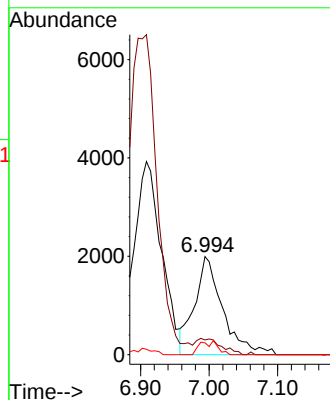
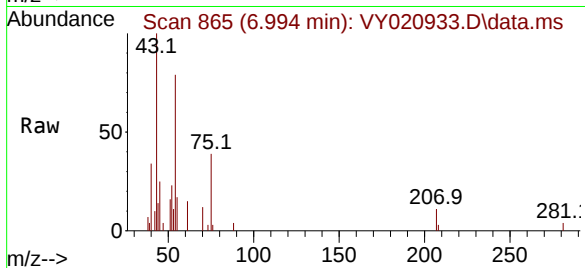
Tgt Ion: 43 Resp: 5733

Ion Ratio Lower Upper

43 100

61 14.5 12.1 18.1

70 8.7 9.5 14.3#



#38

Carbon Tetrachloride

Concen: 4.958 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

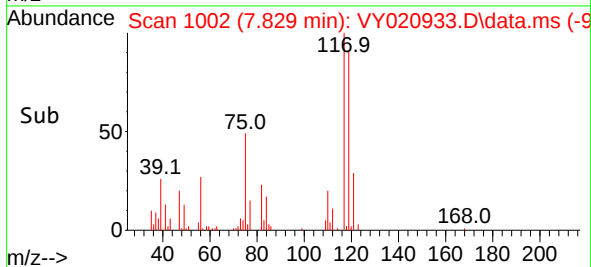
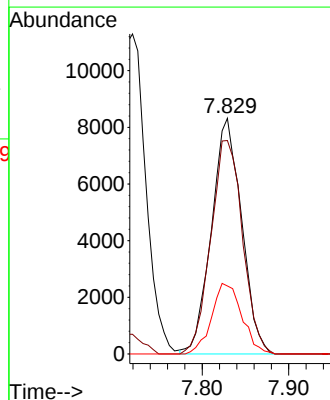
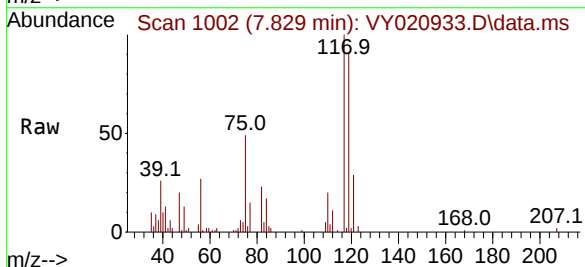
Tgt Ion: 117 Resp: 20118

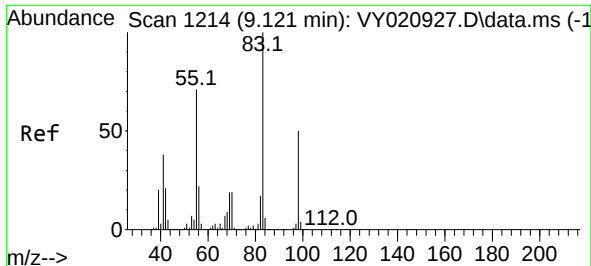
Ion Ratio Lower Upper

117 100

119 90.6 76.5 114.7

121 28.9 25.0 37.4





#39

Methylcyclohexane

Concen: 4.830 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

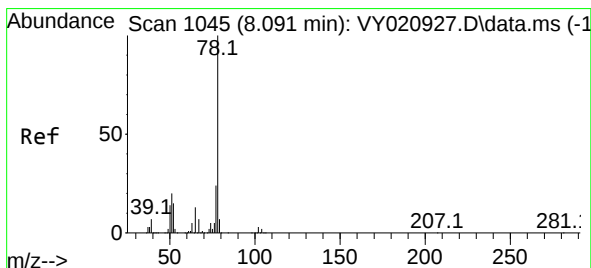
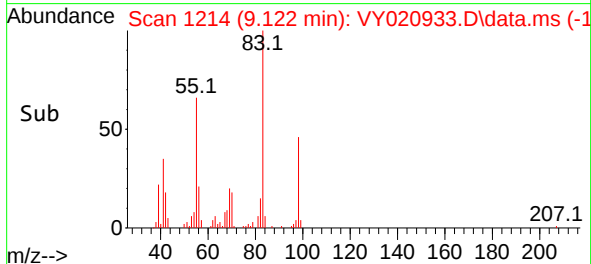
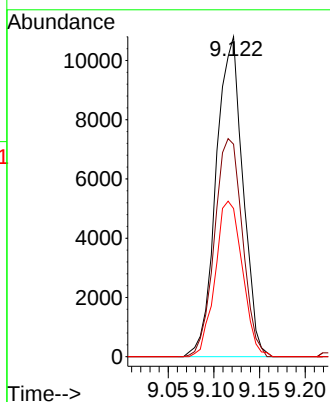
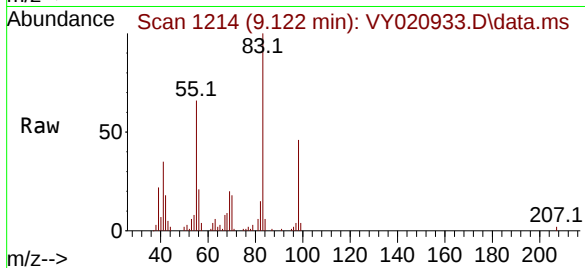
Tgt Ion: 83 Resp: 22003

Ion Ratio Lower Upper

83 100

55 66.4 57.0 85.4

98 46.3 40.1 60.1



#40

Benzene

Concen: 4.915 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020933.D

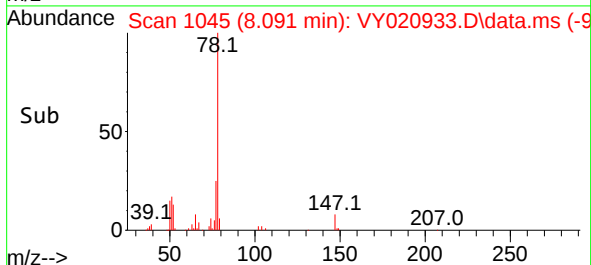
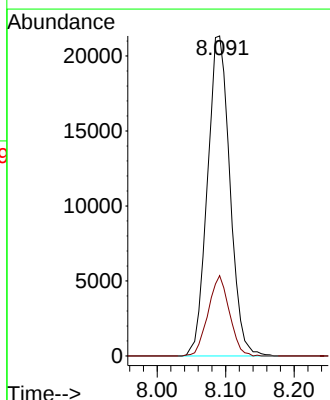
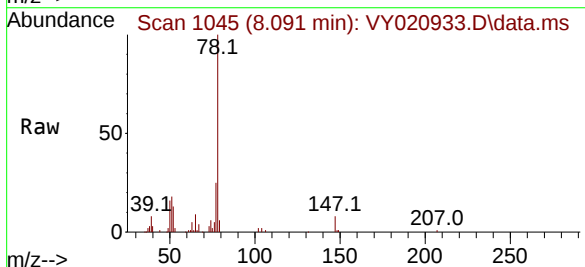
Acq: 24 Jan 2025 16:21

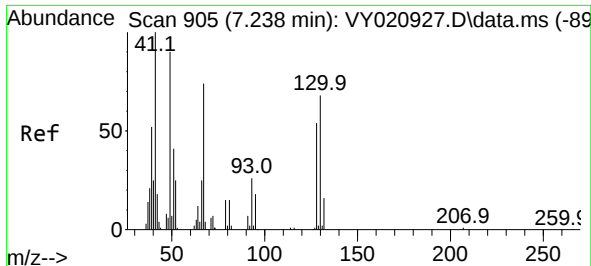
Tgt Ion: 78 Resp: 48520

Ion Ratio Lower Upper

78 100

77 25.1 19.0 28.6

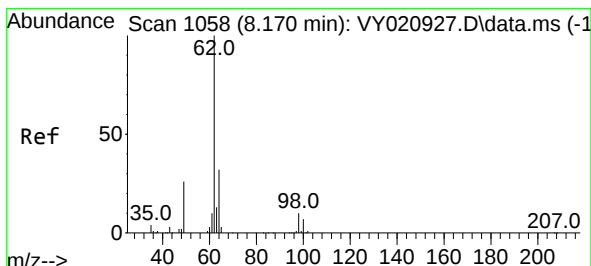
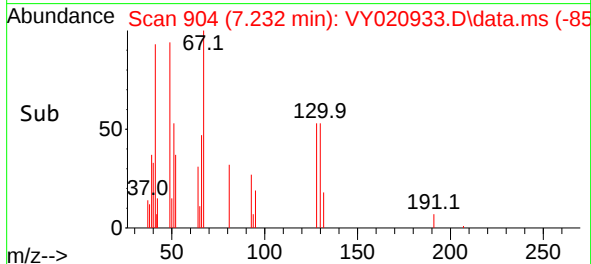
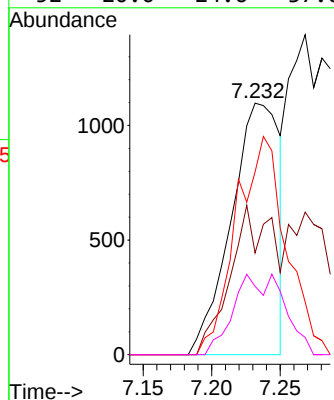
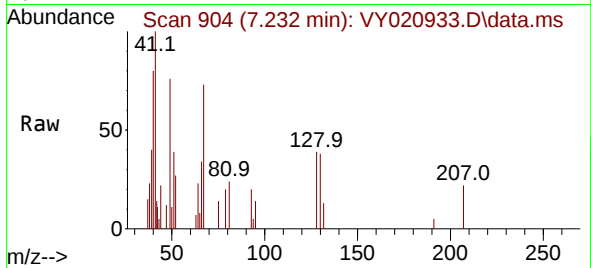




#41
Methacrylonitrile
Concen: 3.900 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

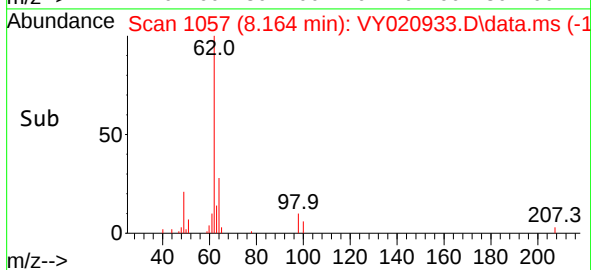
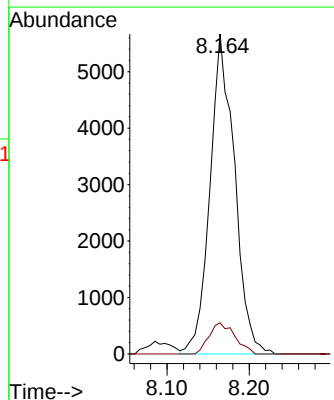
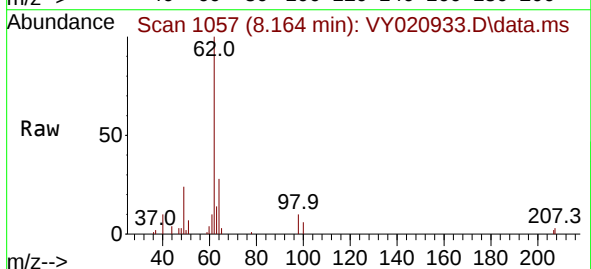
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

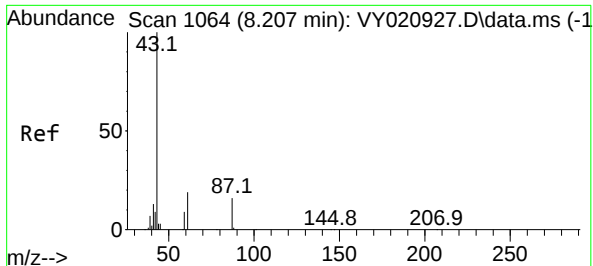
Tgt Ion:	41	Resp:	2690
Ion	Ratio	Lower	Upper
41	100		
39	52.8	46.4	69.6
67	89.6	66.7	100.1
52	20.0	24.6	37.0



#42
1,2-Dichloroethane
Concen: 4.798 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:	62	Resp:	11785
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 3.996 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

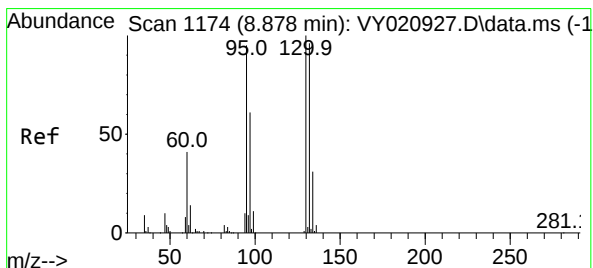
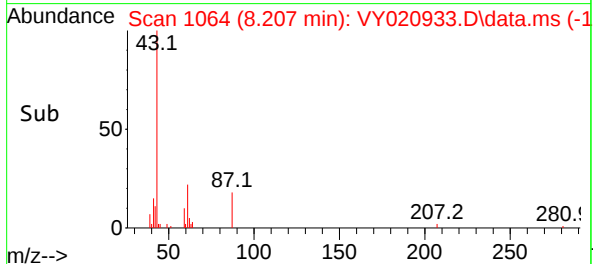
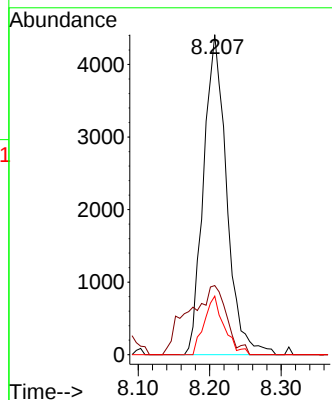
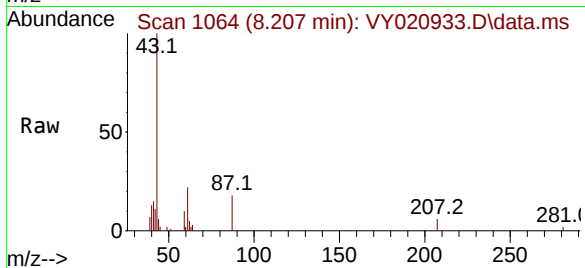
Tgt Ion: 43 Resp: 9892

Ion Ratio Lower Upper

43 100

61 35.8 26.0 39.0

87 15.8 12.4 18.6



#44

Trichloroethene

Concen: 4.841 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VY020933.D

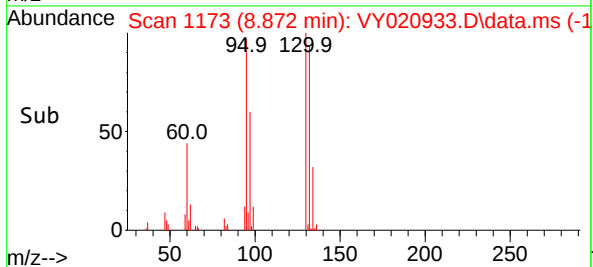
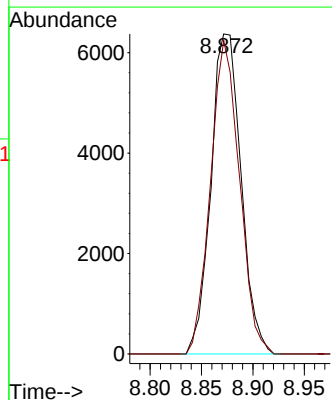
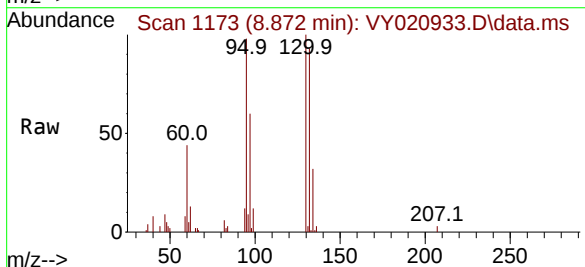
Acq: 24 Jan 2025 16:21

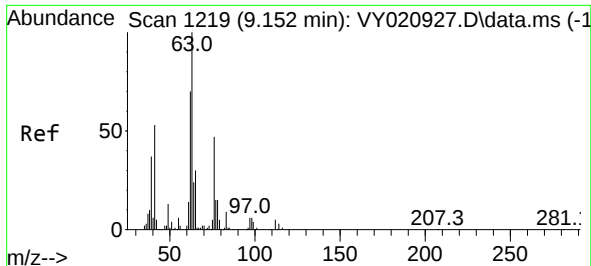
Tgt Ion:130 Resp: 12984

Ion Ratio Lower Upper

130 100

95 98.0 0.0 189.4





#45

1,2-Dichloropropane

Concen: 4.741 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

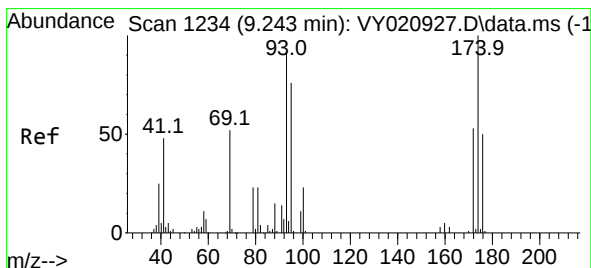
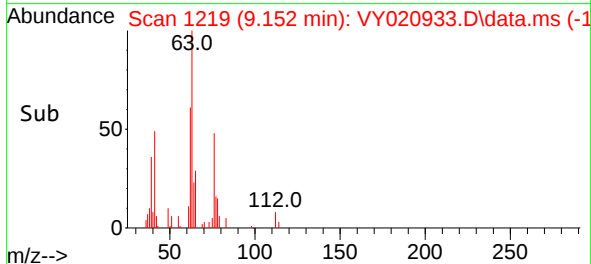
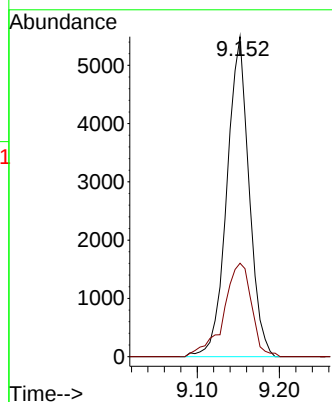
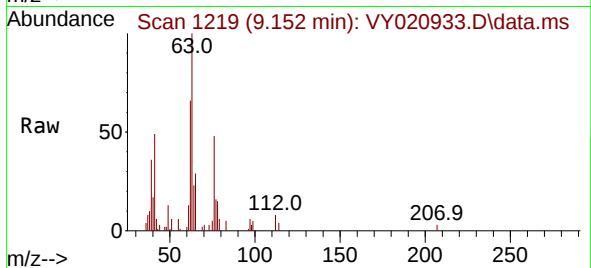
VSTDIC005

Tgt Ion: 63 Resp: 10331

Ion Ratio Lower Upper

63 100

65 29.2 23.9 35.9



#46

Dibromomethane

Concen: 4.466 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

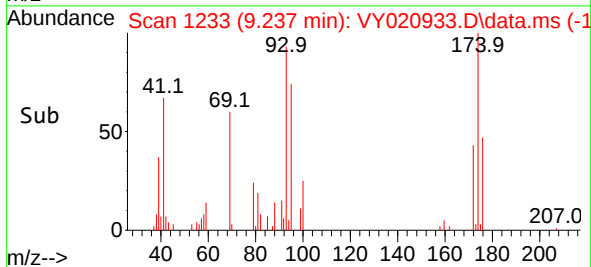
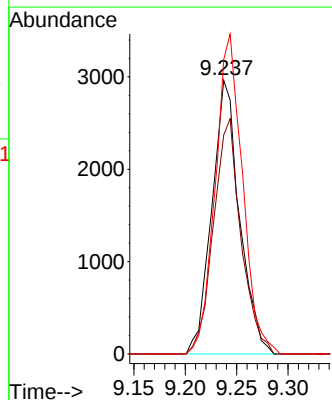
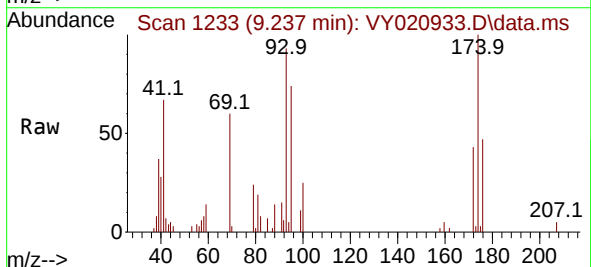
Tgt Ion: 93 Resp: 5533

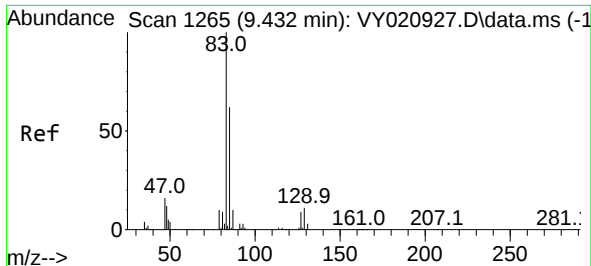
Ion Ratio Lower Upper

93 100

95 85.5 66.2 99.2

174 115.0 87.0 130.4

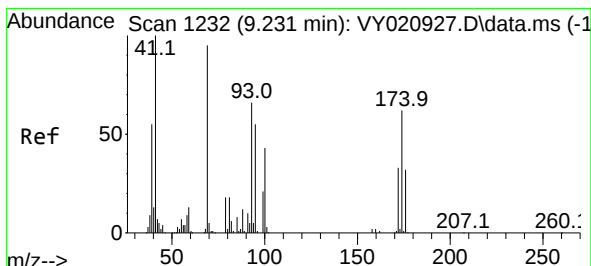
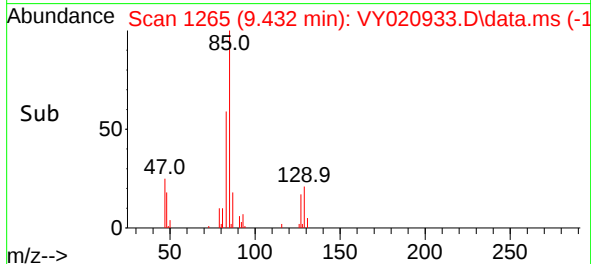
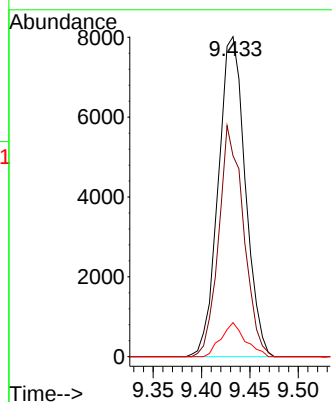
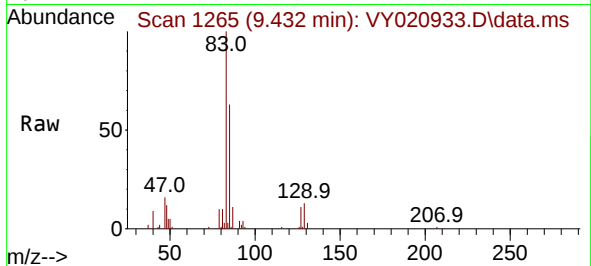




#47
Bromodichloromethane
Concen: 4.721 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

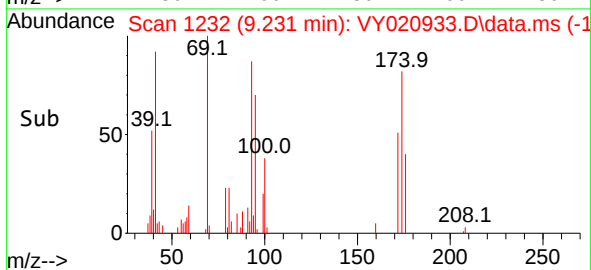
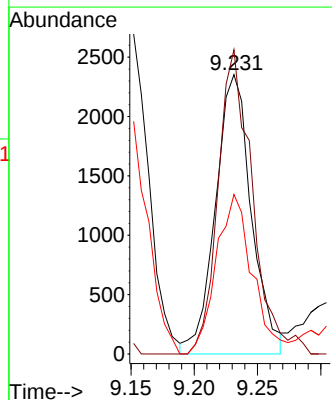
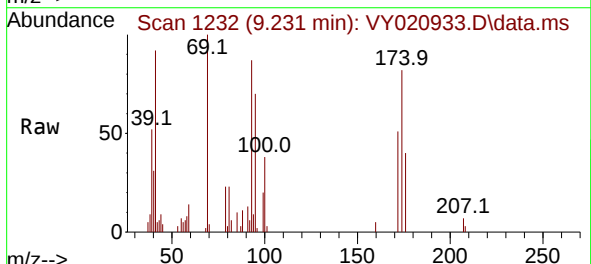
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

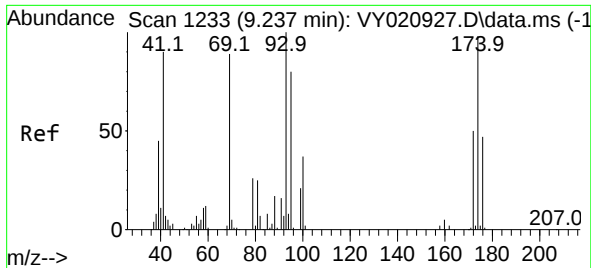
Tgt Ion:	83	Resp:	15563
Ion	Ratio	Lower	Upper
83	100		
85	62.8	49.3	73.9
127	10.6	7.4	11.0



#48
Methyl methacrylate
Concen: 3.973 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:	41	Resp:	4640
Ion	Ratio	Lower	Upper
41	100		
69	104.1	77.0	115.4
39	57.7	41.1	61.7

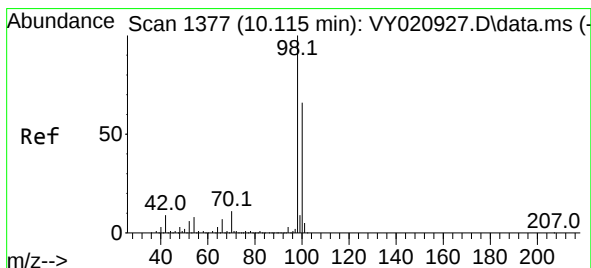
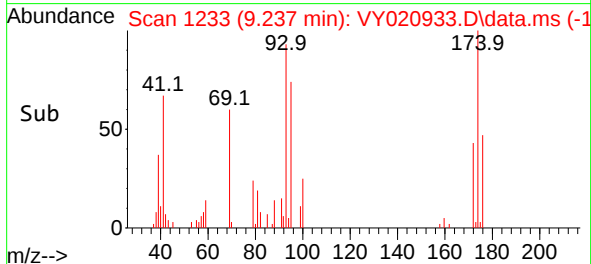
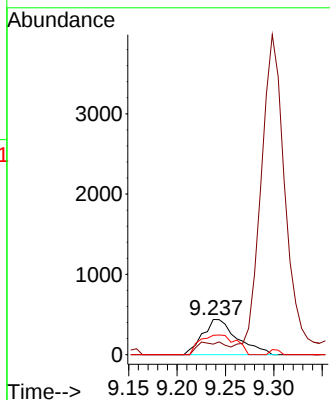
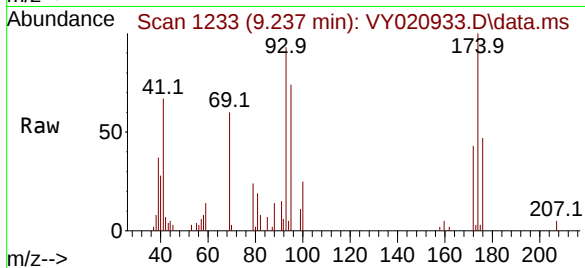




#49
1,4-Dioxane
Concen: 85.374 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

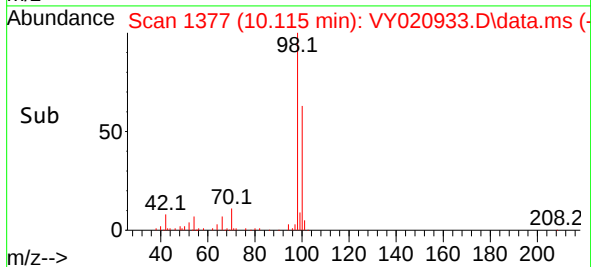
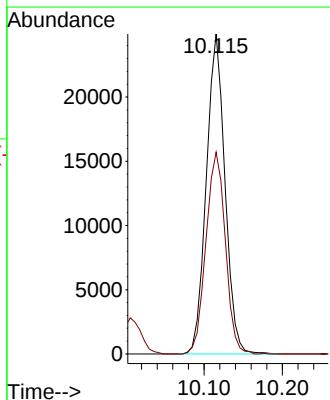
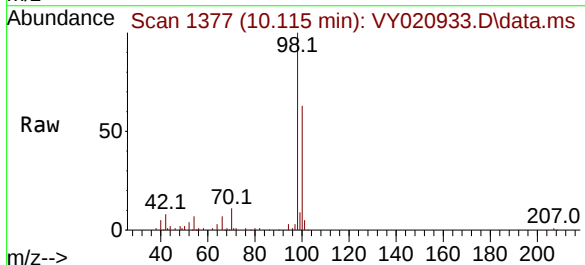
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

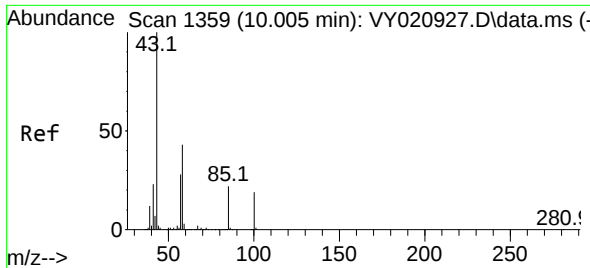
Tgt Ion: 88 Resp: 1089
Ion Ratio Lower Upper
88 100
43 30.0 23.1 34.7
58 57.9 49.0 73.6



#50
Toluene-d8
Concen: 4.405 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 98 Resp: 41178
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

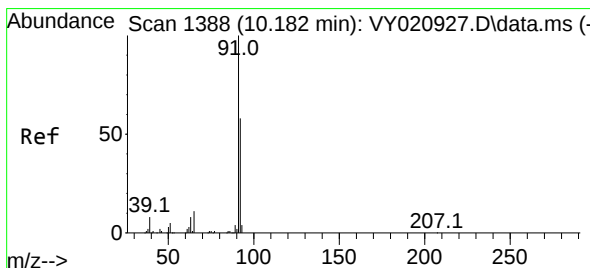
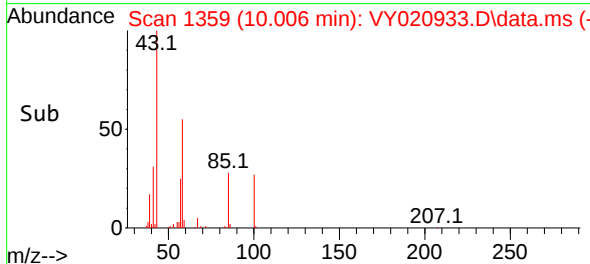
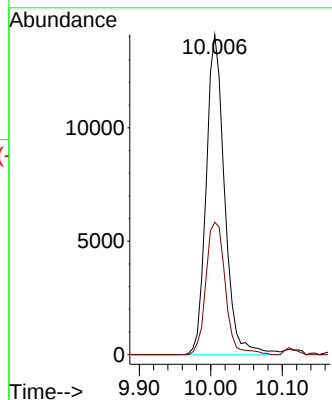
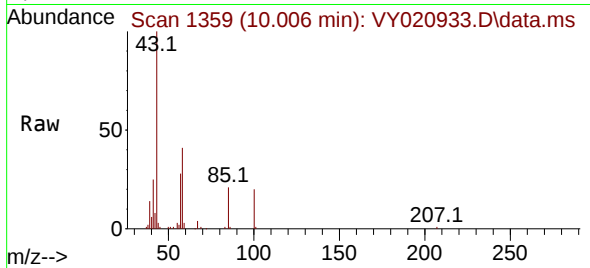




#51
4-Methyl-2-Pentanone
Concen: 20.253 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

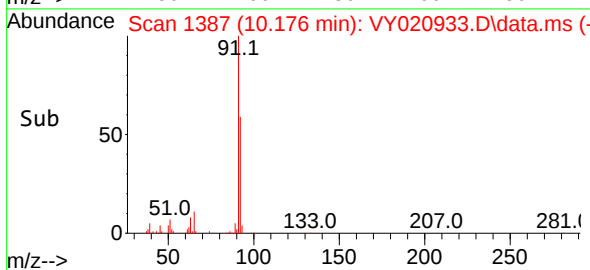
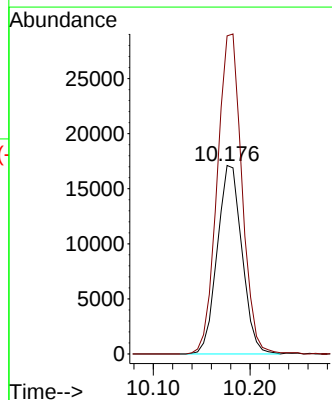
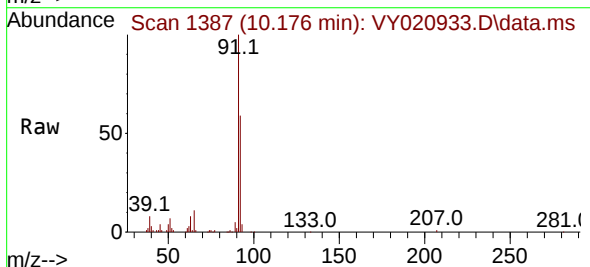
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

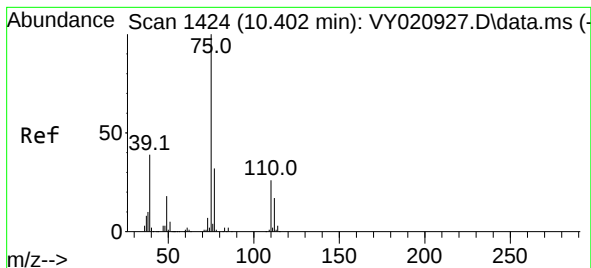
Tgt Ion: 43 Resp: 25282
Ion Ratio Lower Upper
43 100
58 43.6 33.7 50.5



#52
Toluene
Concen: 4.772 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 92 Resp: 30300
Ion Ratio Lower Upper
92 100
91 170.0 137.3 205.9

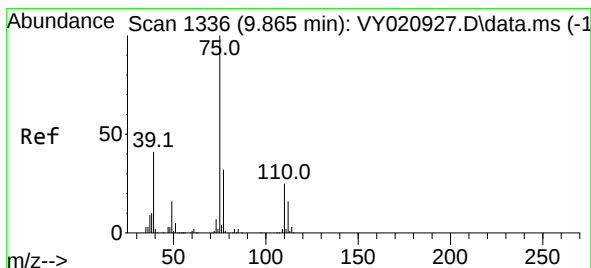
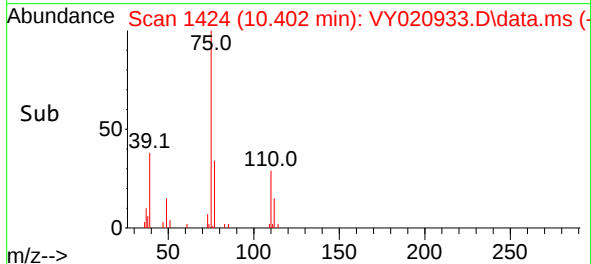
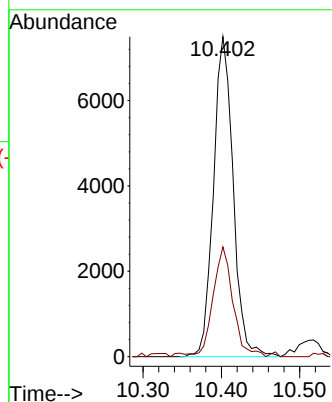
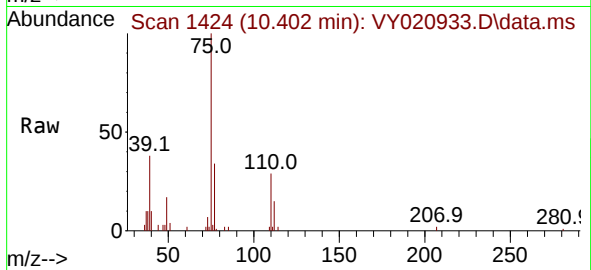




#53
t-1,3-Dichloropropene
Concen: 4.336 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

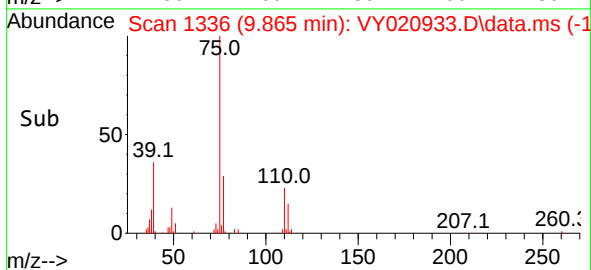
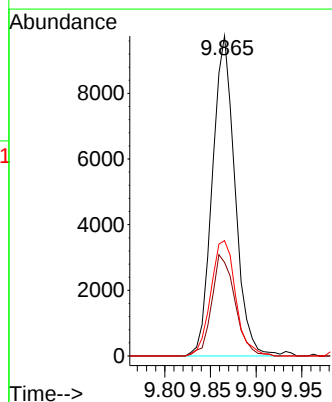
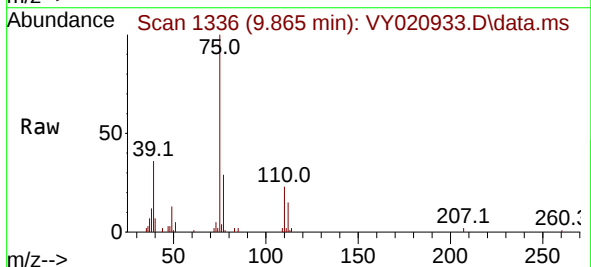
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

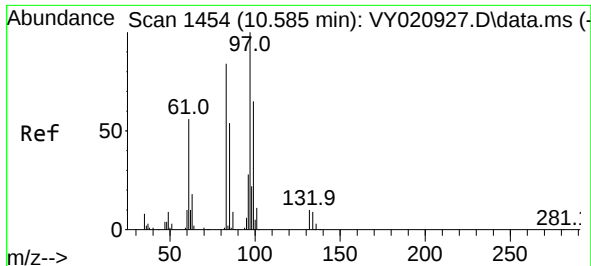
Tgt Ion: 75 Resp: 13104
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.639 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 75 Resp: 16741
Ion Ratio Lower Upper
75 100
77 29.2 25.7 38.5
39 36.1 32.8 49.2

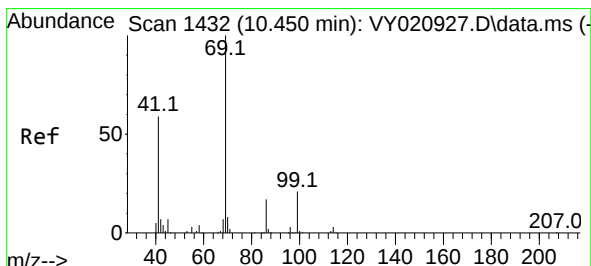
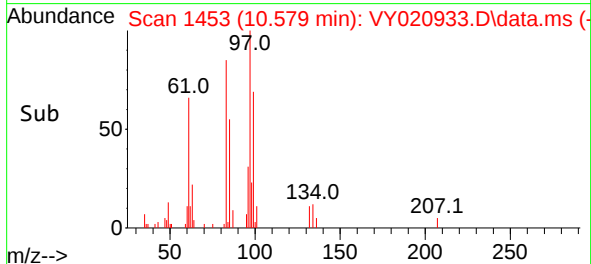
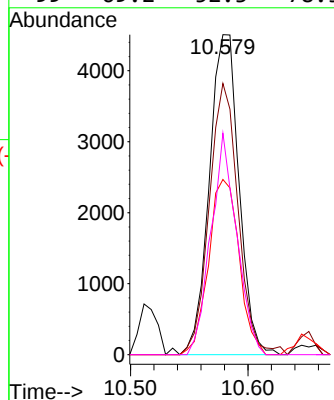
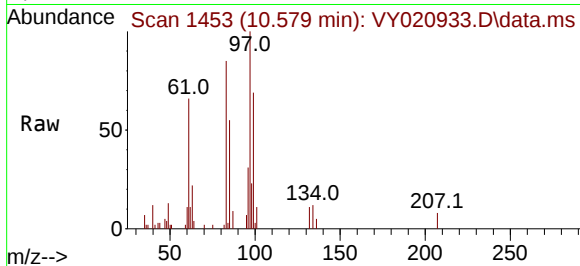




#55
1,1,2-Trichloroethane
Concen: 4.727 ug/l
RT: 10.579 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

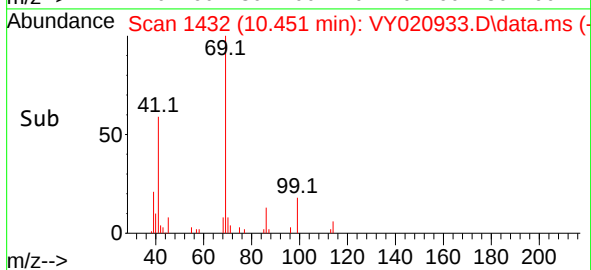
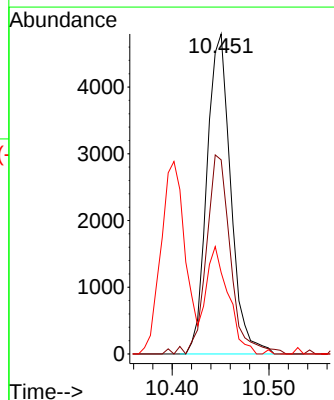
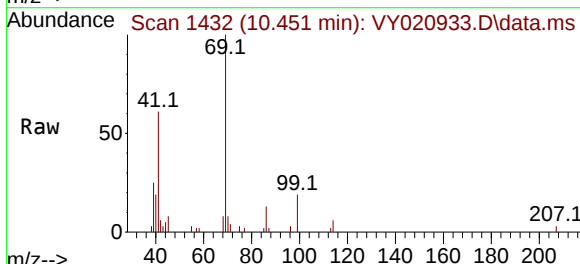
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

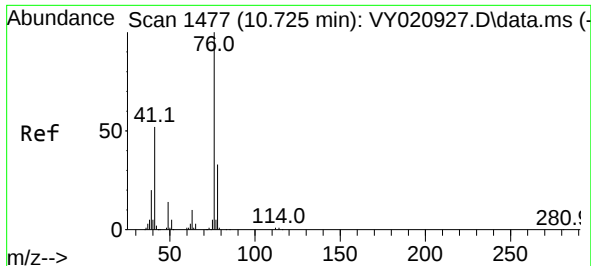
Tgt Ion: 97	Resp:	7915	
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.0	100.6
85	54.7	43.1	64.7
99	69.2	52.3	78.5



#56
Ethyl methacrylate
Concen: 3.743 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 69	Resp:	8214	
Ion	Ratio	Lower	Upper
69	100		
41	63.0	46.6	70.0
39	31.4	23.9	35.9





#57

1,3-Dichloropropane

Concen: 4.601 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

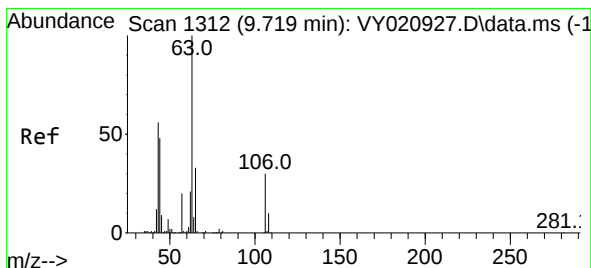
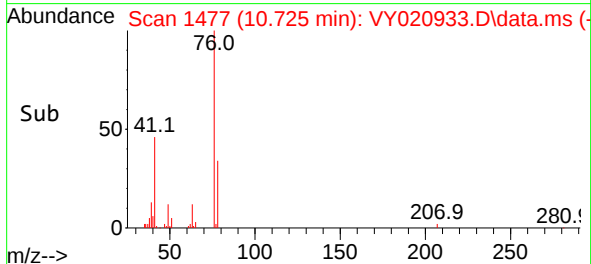
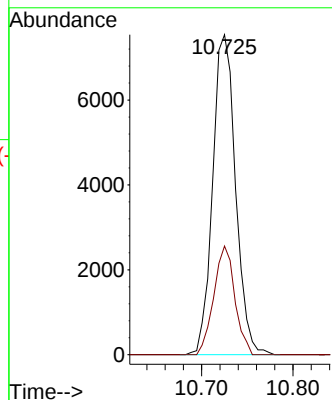
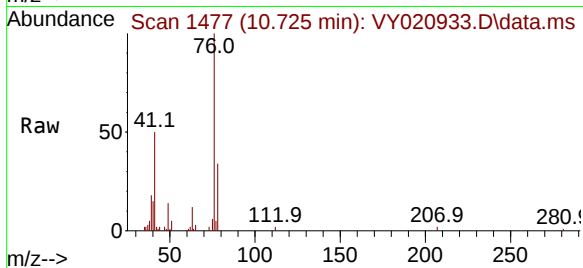
VSTDIC005

Tgt Ion: 76 Resp: 13090

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 17.967 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020933.D

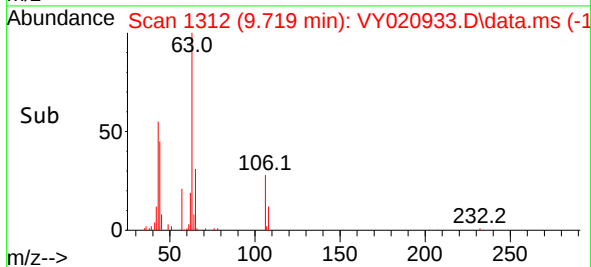
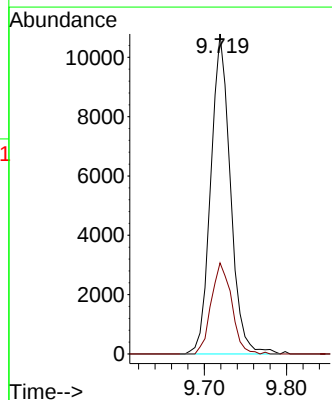
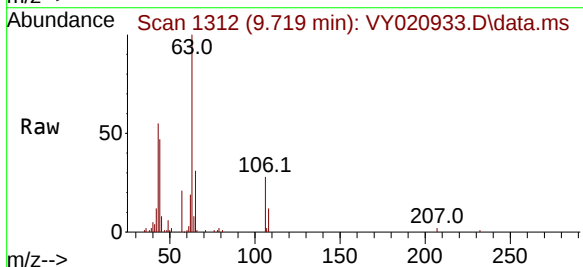
Acq: 24 Jan 2025 16:21

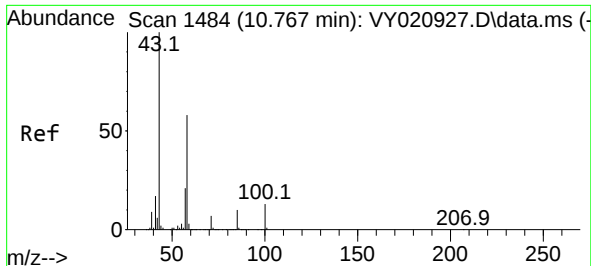
Tgt Ion: 63 Resp: 17897

Ion Ratio Lower Upper

63 100

106 29.6 24.7 37.1

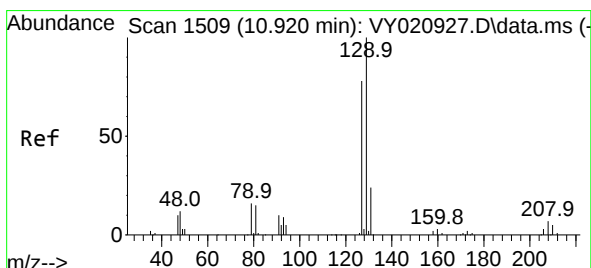
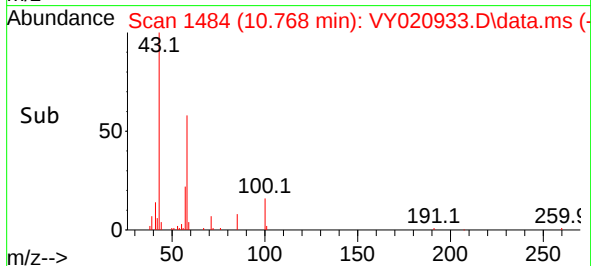
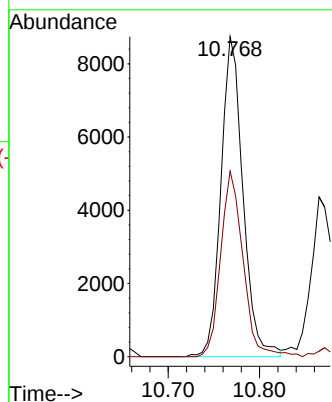
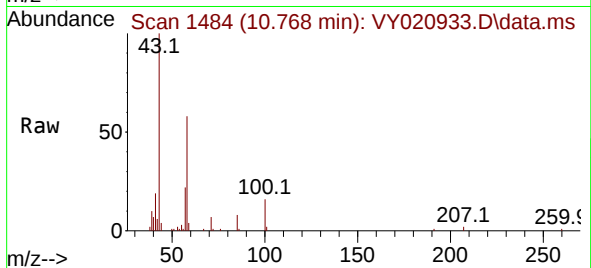




#59
2-Hexanone
Concen: 18.261 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

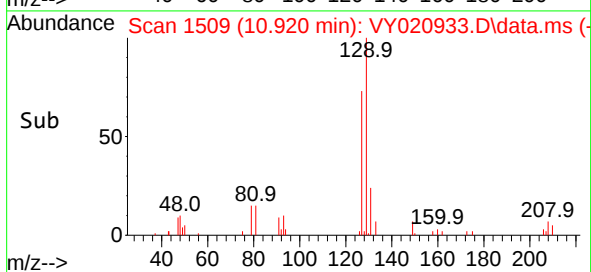
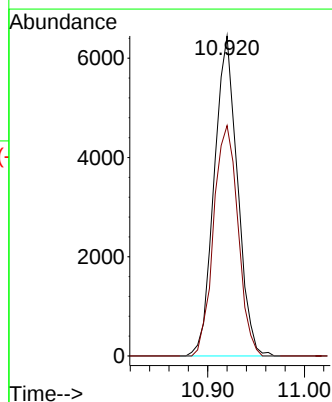
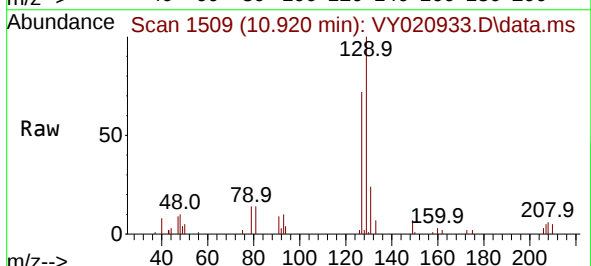
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

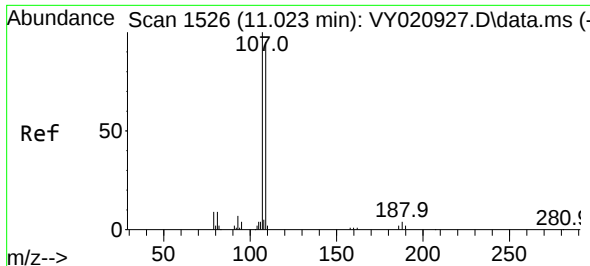
Tgt Ion: 43 Resp: 14658
Ion Ratio Lower Upper
43 100
58 58.8 29.9 89.8



#60
Dibromochloromethane
Concen: 4.573 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 129 Resp: 10778
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6

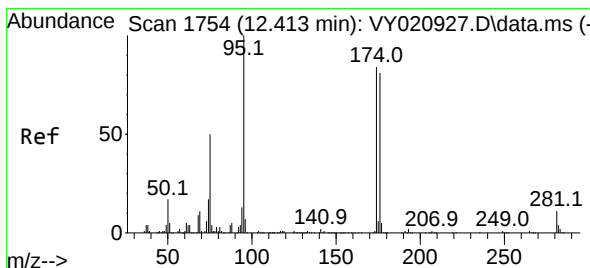
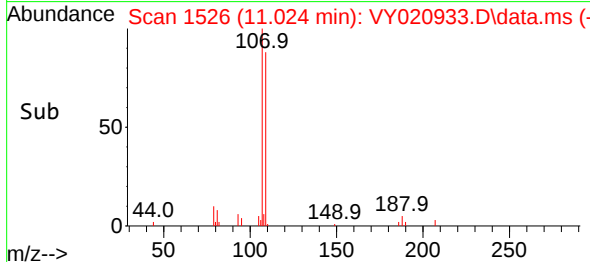
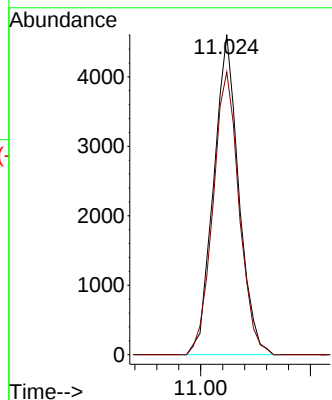
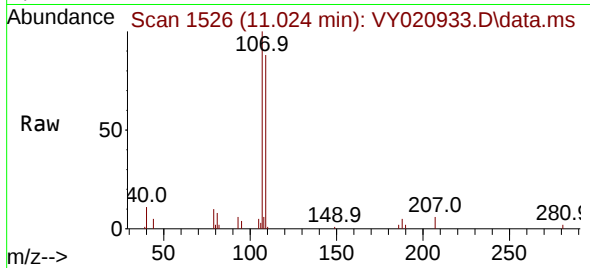




#61
1,2-Dibromoethane
Concen: 4.569 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

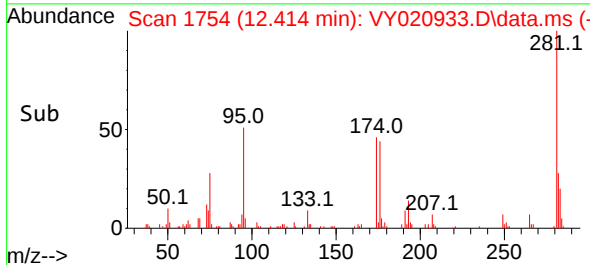
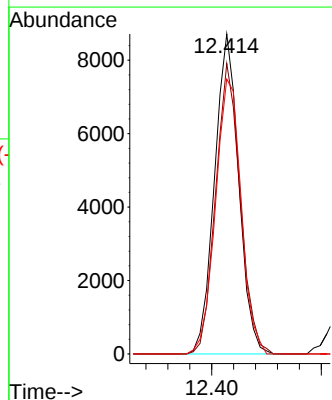
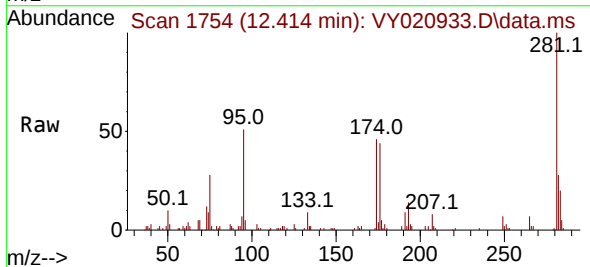
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

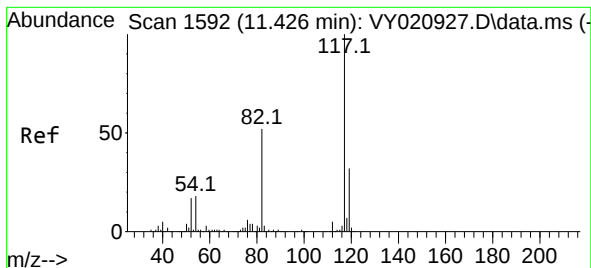
Tgt Ion:107 Resp: 7318
Ion Ratio Lower Upper
107 100
109 92.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 4.300 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 95 Resp: 13378
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.4
176 90.9 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

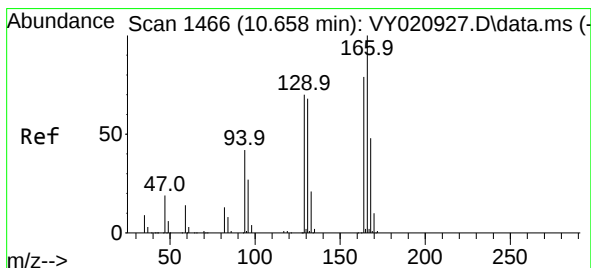
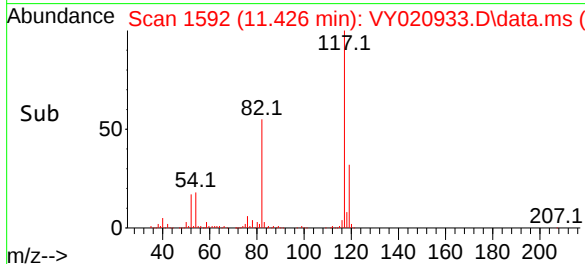
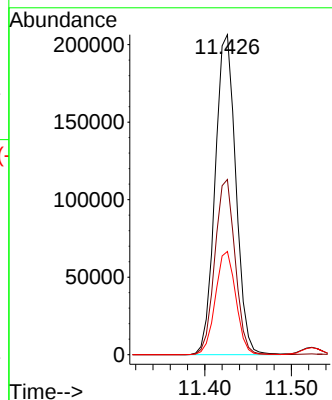
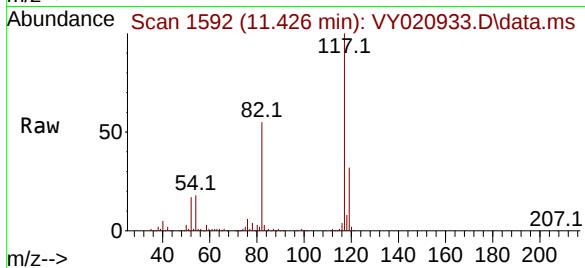
Tgt Ion:117 Resp: 342195

Ion Ratio Lower Upper

117 100

82 54.7 41.8 62.8

119 32.2 26.0 39.0



#64

Tetrachloroethene

Concen: 5.140 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:164 Resp: 12240

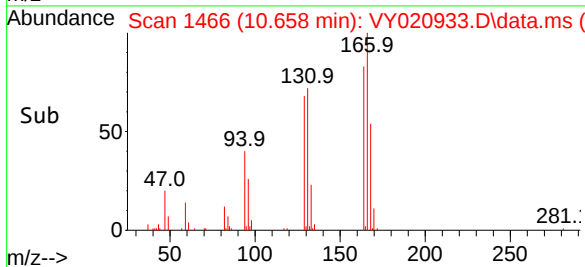
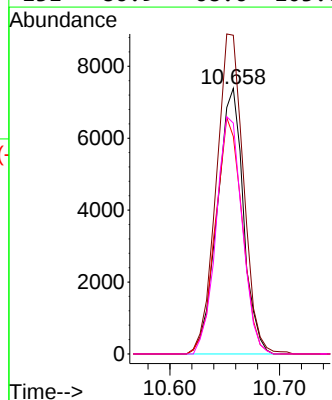
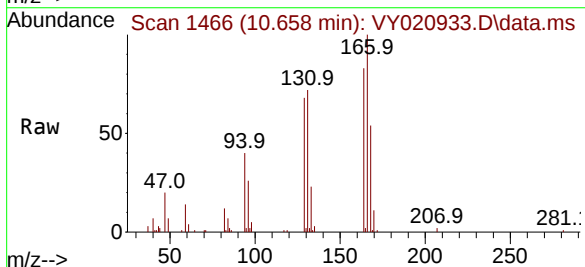
Ion Ratio Lower Upper

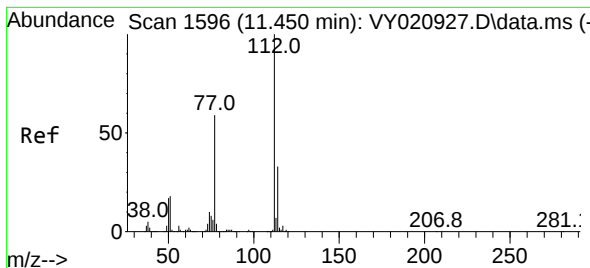
164 100

166 120.0 101.0 151.6

129 81.9 70.8 106.2

131 86.9 68.6 103.0





#65

Chlorobenzene

Concen: 4.971 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

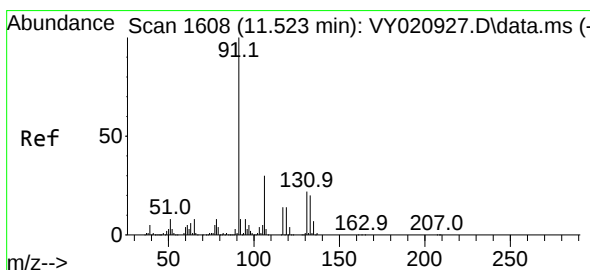
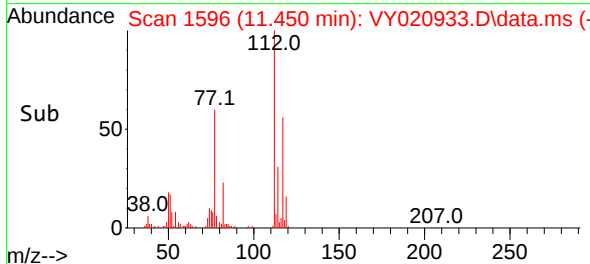
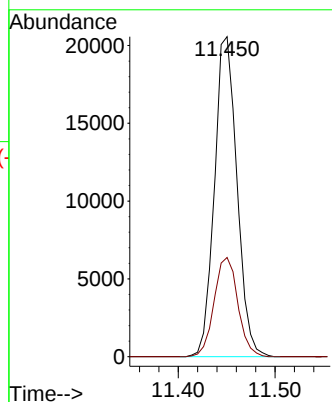
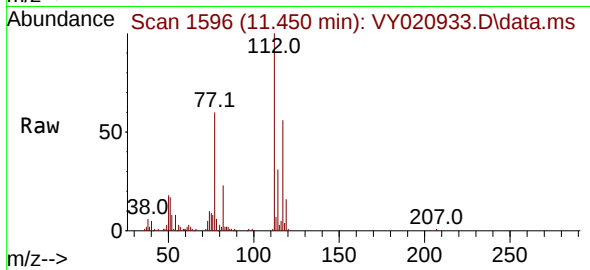
VSTDIC005

Tgt Ion:112 Resp: 33264

Ion Ratio Lower Upper

112 100

114 31.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.926 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

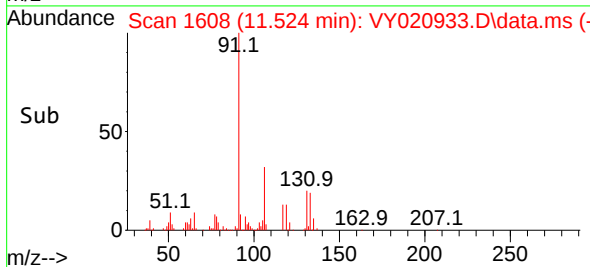
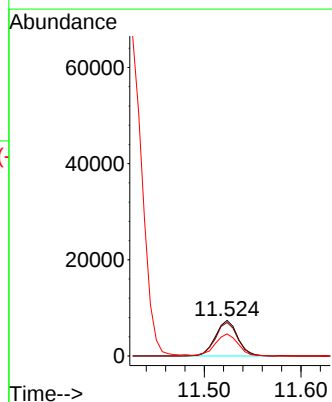
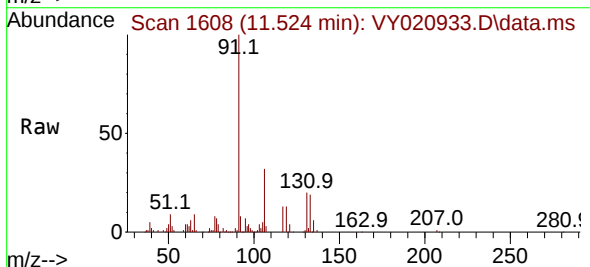
Tgt Ion:131 Resp: 11714

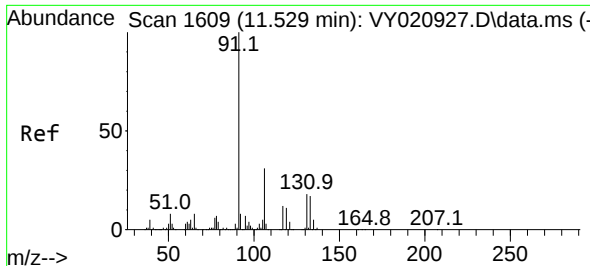
Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.6

119 64.1 31.2 93.6





#67

Ethyl Benzene

Concen: 4.836 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

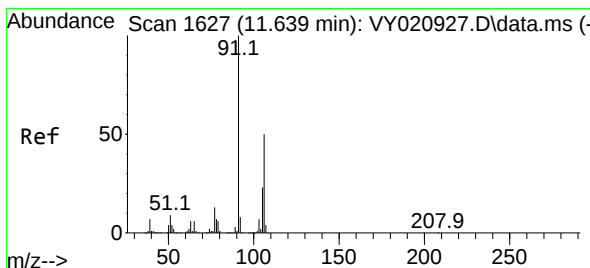
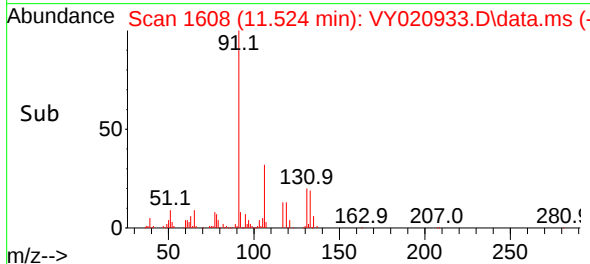
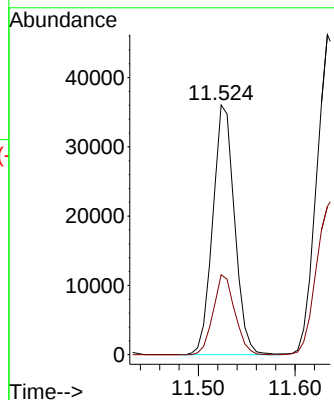
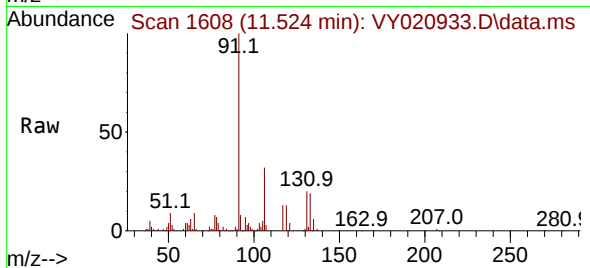
VSTDIC005

Tgt Ion: 91 Resp: 56470

Ion Ratio Lower Upper

91 100

106 32.0 25.2 37.8



#68

m/p-Xylenes

Concen: 9.597 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020933.D

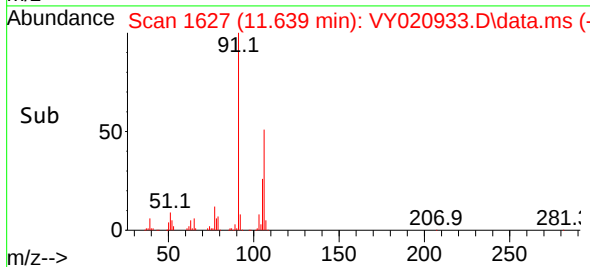
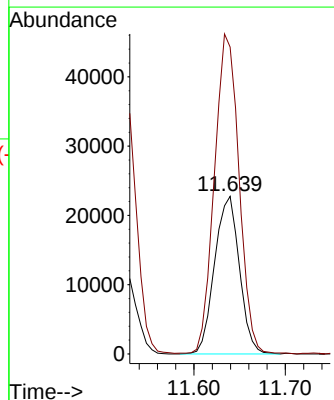
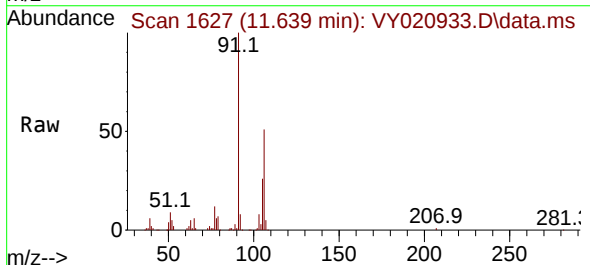
Acq: 24 Jan 2025 16:21

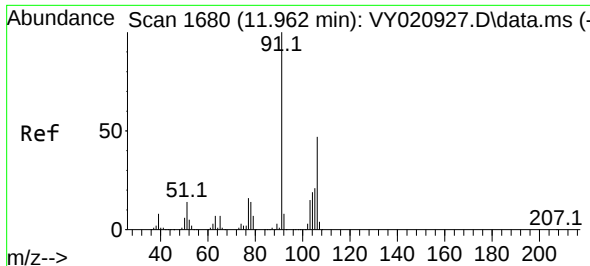
Tgt Ion:106 Resp: 42909

Ion Ratio Lower Upper

106 100

91 201.8 159.5 239.3

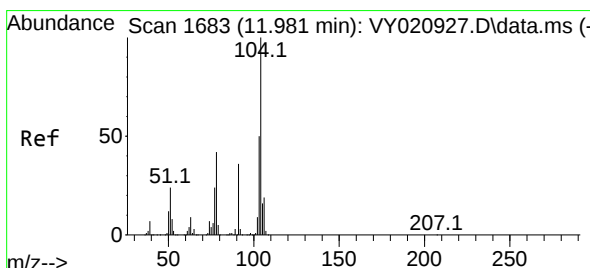
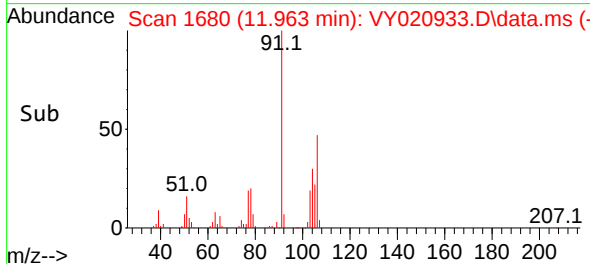
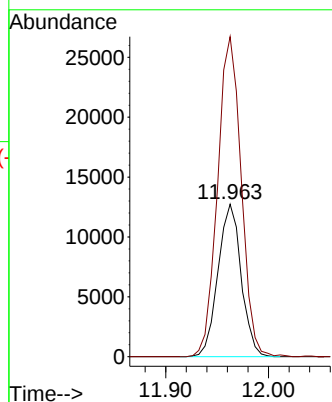
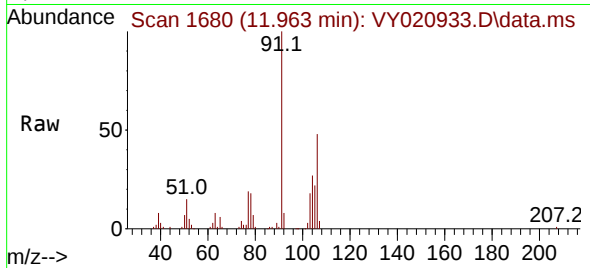




#69
o-Xylene
Concen: 4.773 ug/l
RT: 11.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

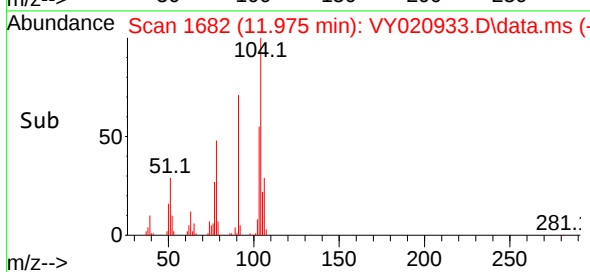
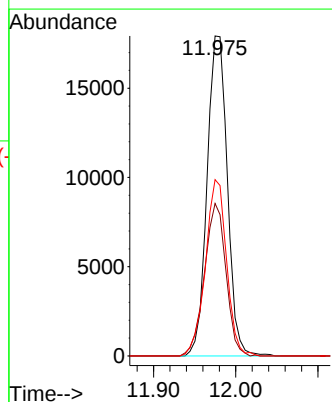
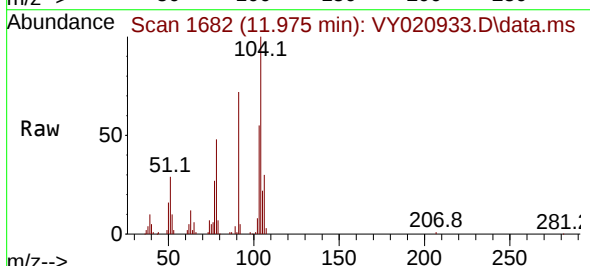
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

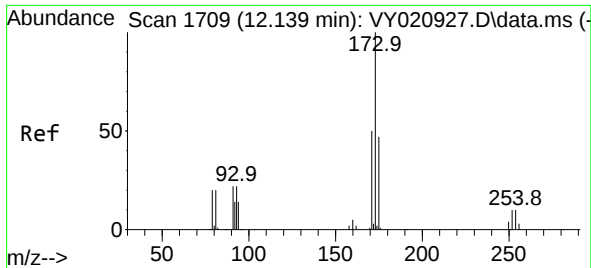
Tgt Ion:106 Resp: 19933
Ion Ratio Lower Upper
106 100
91 214.1 105.3 315.9



#70
Styrene
Concen: 4.494 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:104 Resp: 30761
Ion Ratio Lower Upper
104 100
78 50.6 38.5 57.7
103 57.5 43.4 65.2

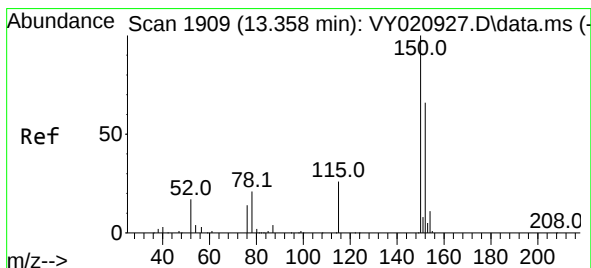
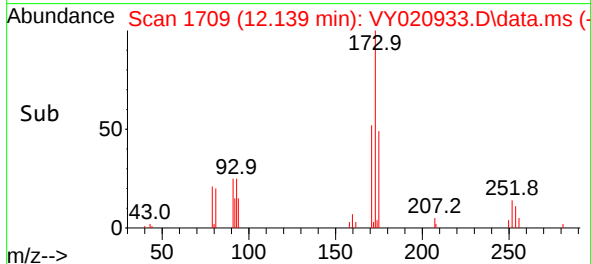
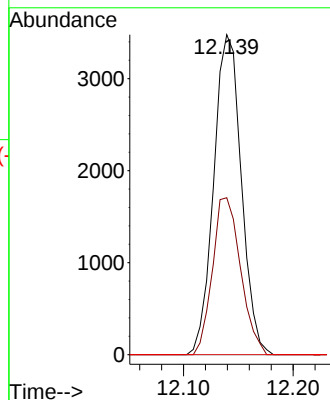
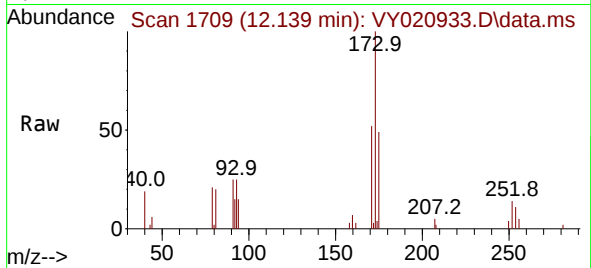




#71
Bromoform
Concen: 4.523 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

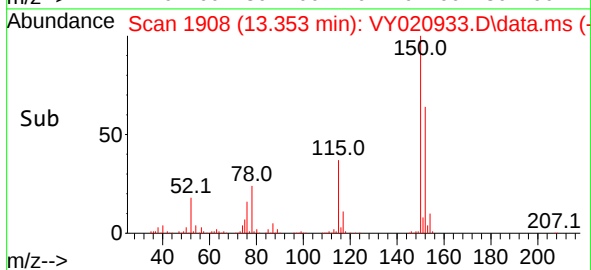
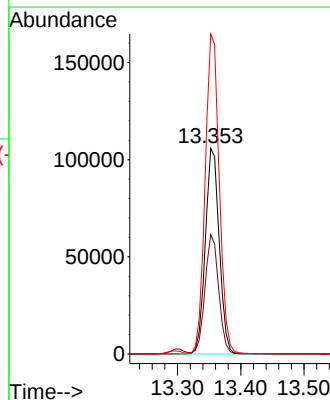
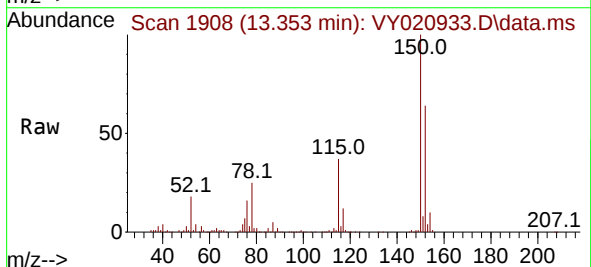
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

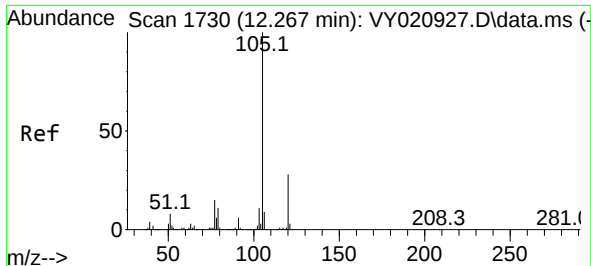
Tgt Ion:173 Resp: 6090
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:152 Resp: 161896
Ion Ratio Lower Upper
152 100
115 57.1 29.0 87.0
150 157.7 0.0 347.6

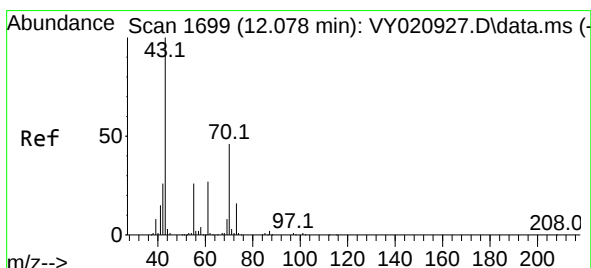
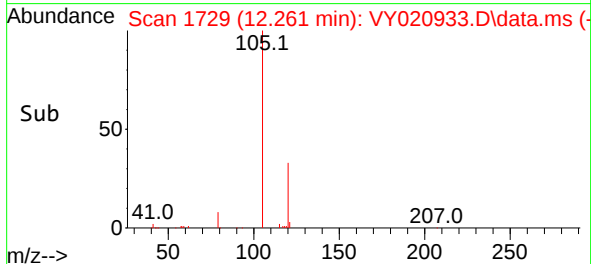
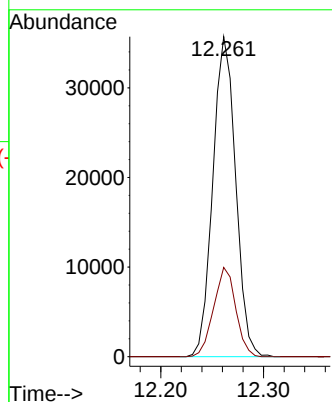
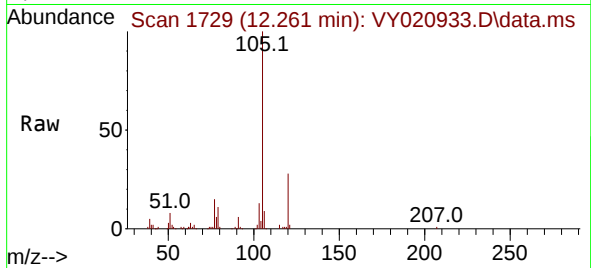




#73
Isopropylbenzene
Concen: 4.928 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

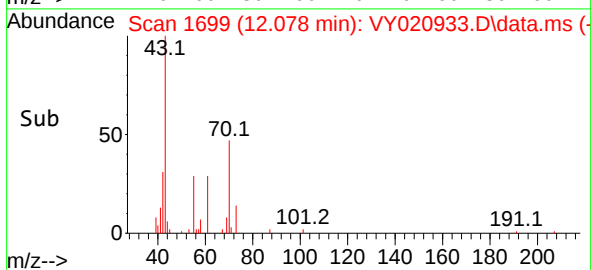
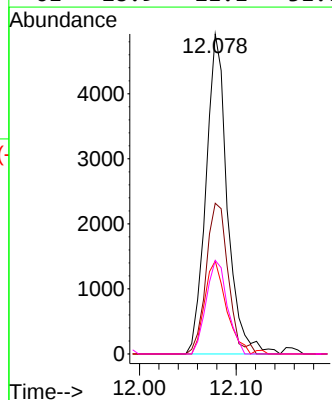
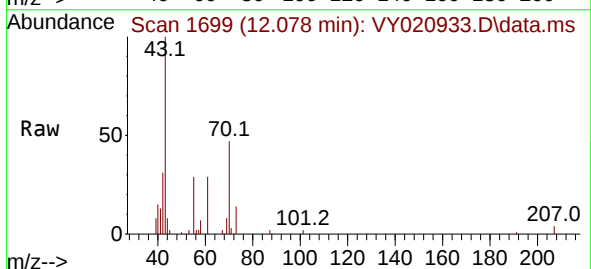
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

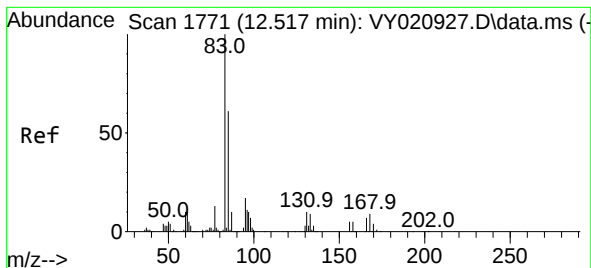
Tgt Ion:105 Resp: 54948
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 3.814 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 43 Resp: 7568
Ion Ratio Lower Upper
43 100
70 48.6 38.7 58.1
55 30.0 21.6 32.4
61 28.9 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 4.524 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

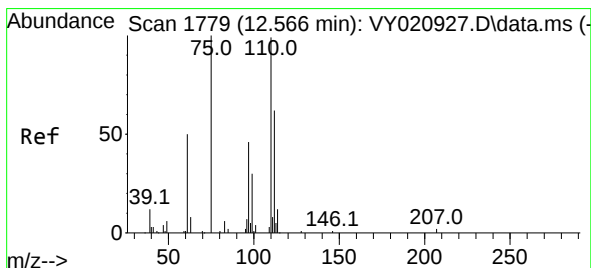
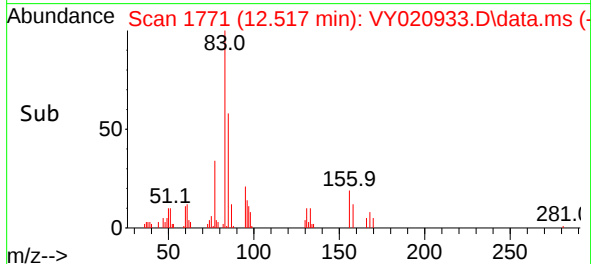
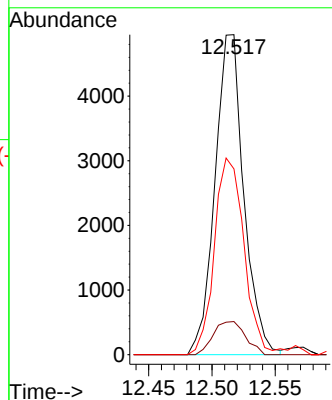
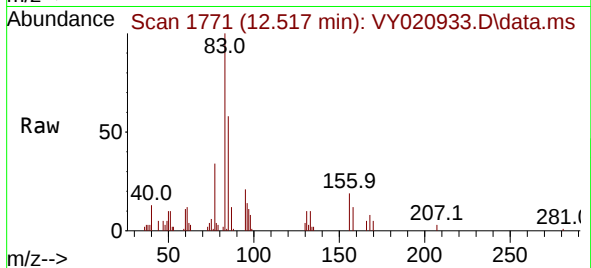
Tgt Ion: 83 Resp: 7848

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

85 62.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 8.554 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VY020933.D

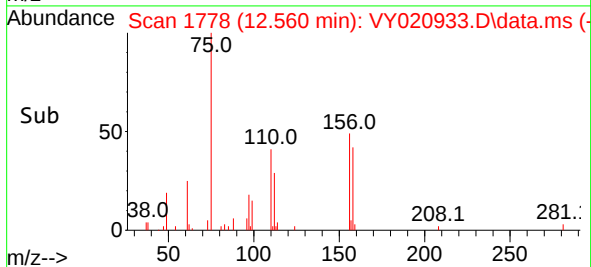
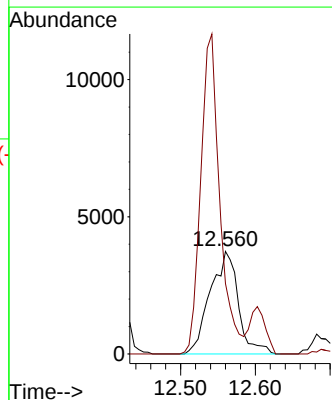
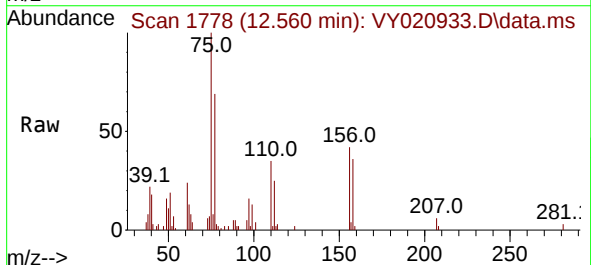
Acq: 24 Jan 2025 16:21

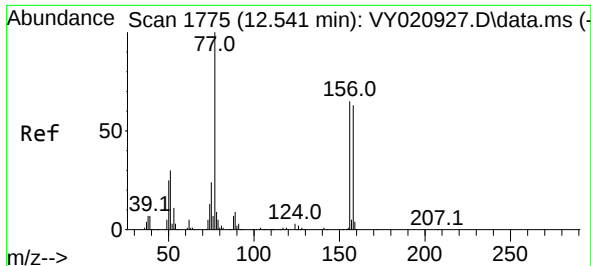
Tgt Ion: 75 Resp: 9792

Ion Ratio Lower Upper

75 100

77 211.8 0.0 0.0#

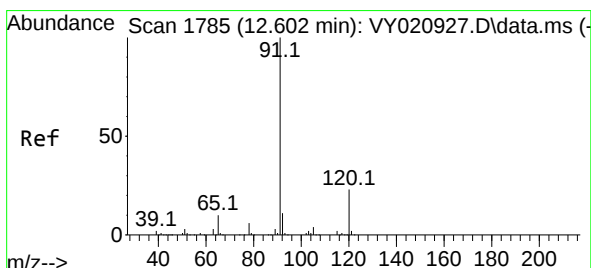
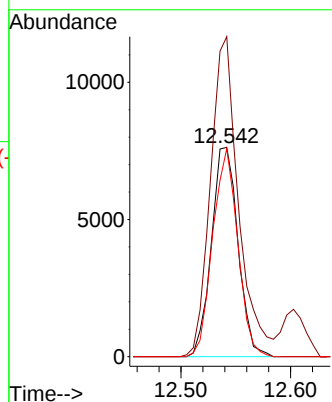
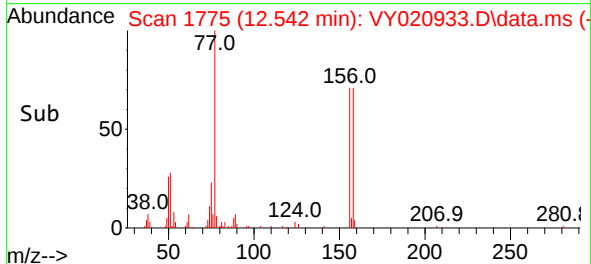
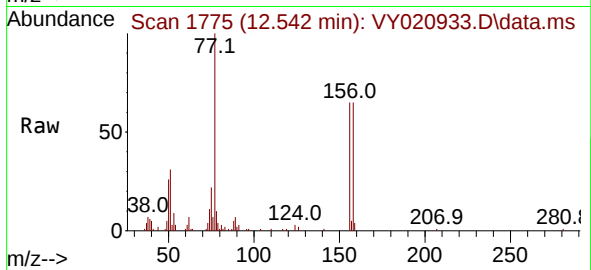




#77
Bromobenzene
Concen: 4.928 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

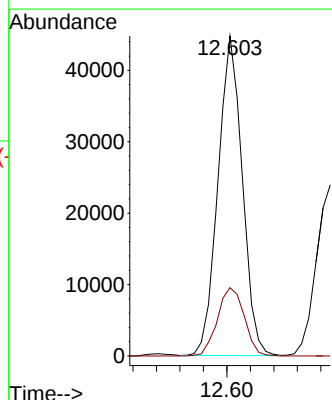
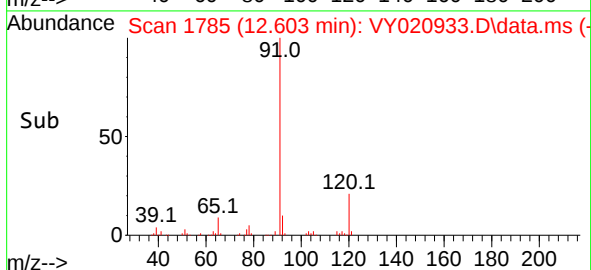
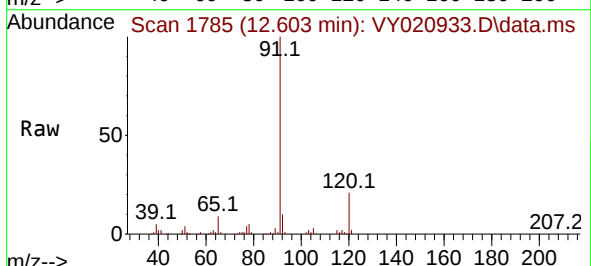
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

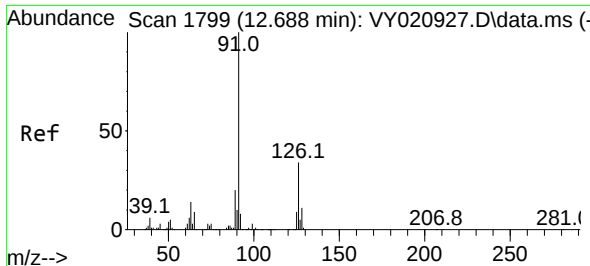
Tgt Ion:156 Resp: 12881
Ion Ratio Lower Upper
156 100
77 161.0 84.4 253.1
158 93.5 48.9 146.6



#78
n-propylbenzene
Concen: 4.950 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 91 Resp: 64297
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4

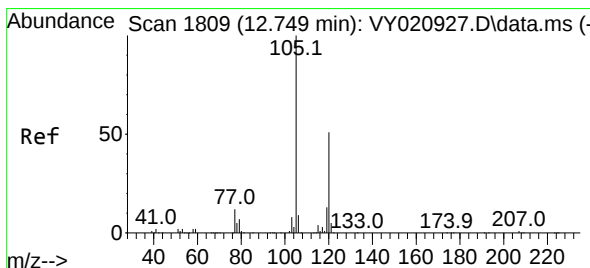
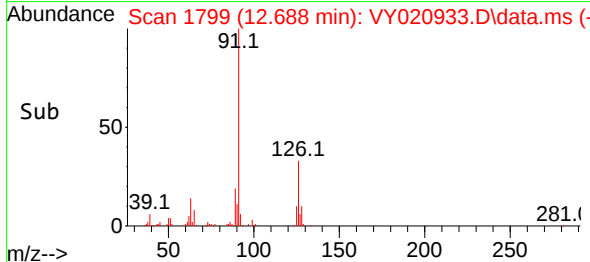
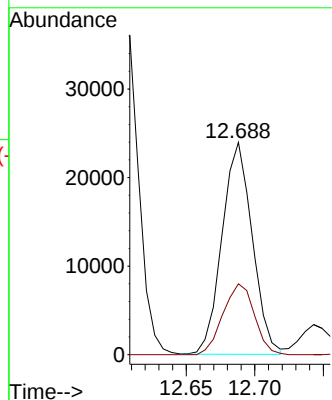
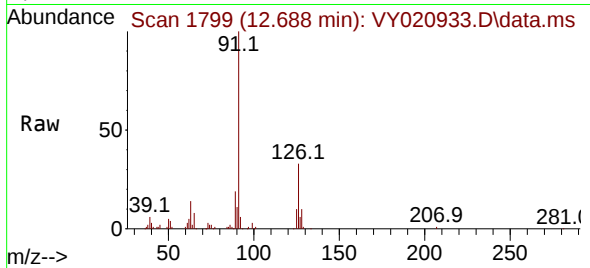




#79
2-Chlorotoluene
Concen: 4.990 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

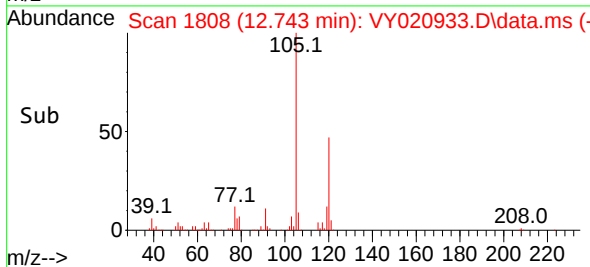
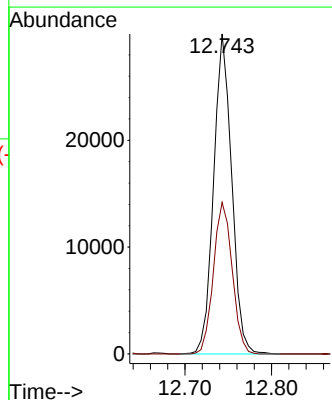
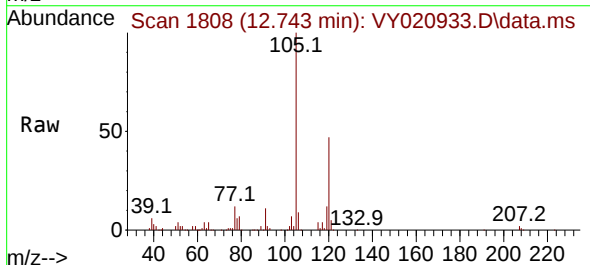
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

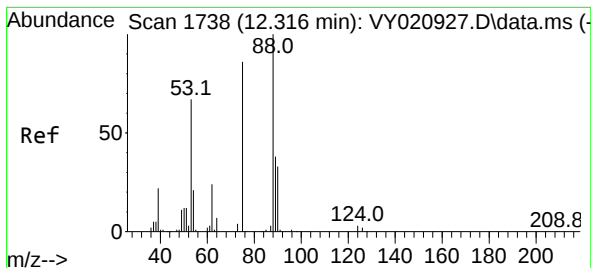
Tgt Ion: 91 Resp: 36759
Ion Ratio Lower Upper
91 100
126 34.6 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 4.848 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 105 Resp: 43435
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6

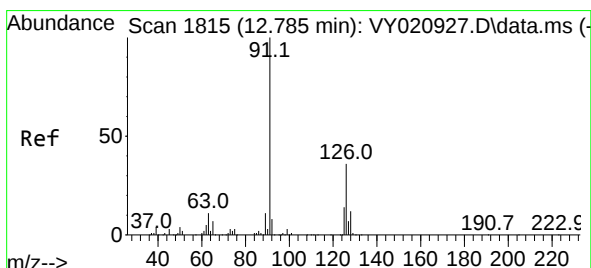
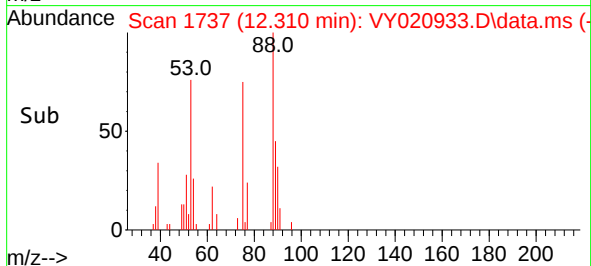
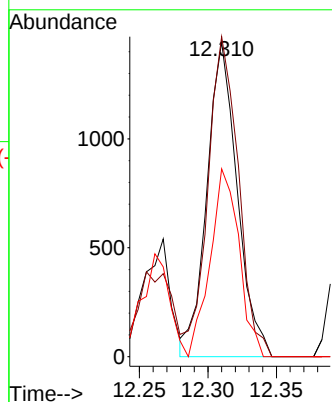
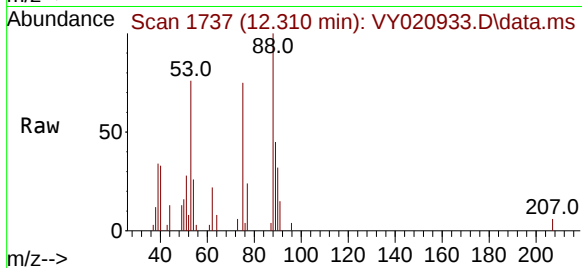




#81
trans-1,4-Dichloro-2-butene
Concen: 3.744 ug/l
RT: 12.310 min Scan# 1738
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

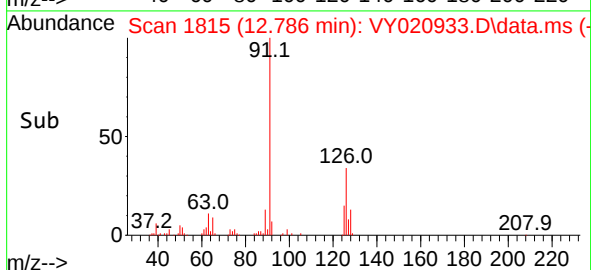
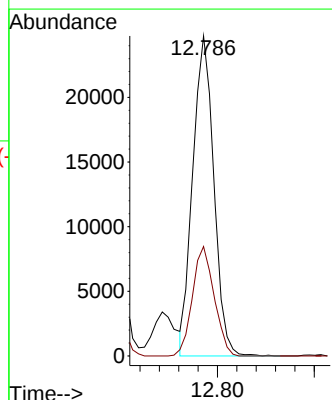
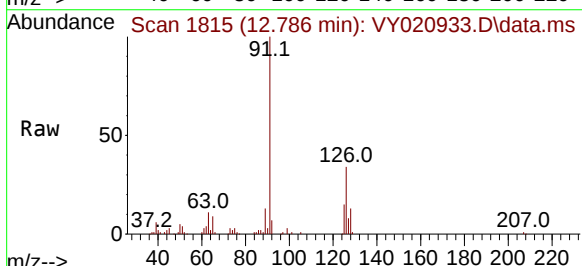
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

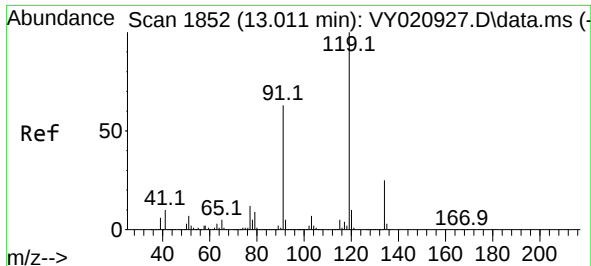
Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
53 102.3 67.7 101.5#
89 56.9 38.4 57.6



#82
4-Chlorotoluene
Concen: 4.969 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 91 Resp: 37376
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3

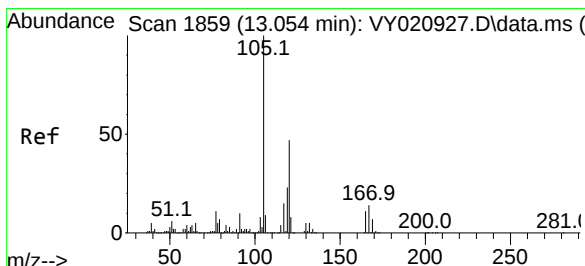
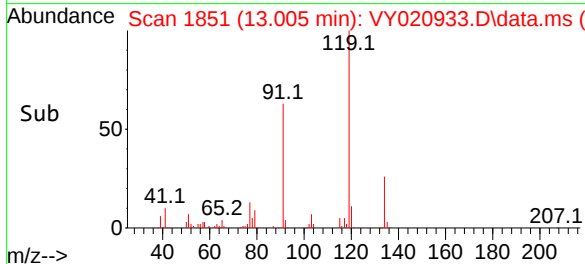
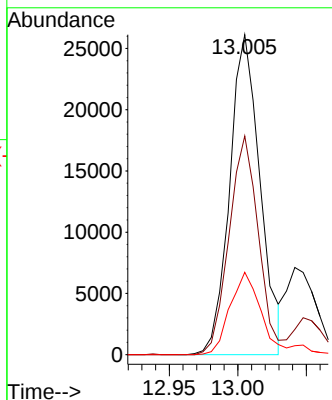
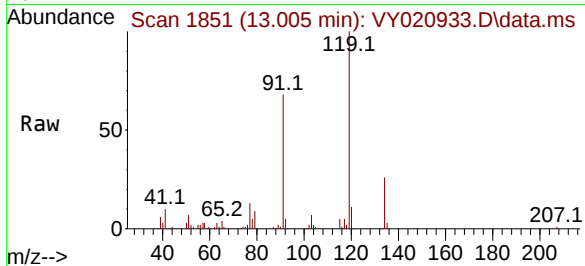




#83
tert-Butylbenzene
Concen: 4.895 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

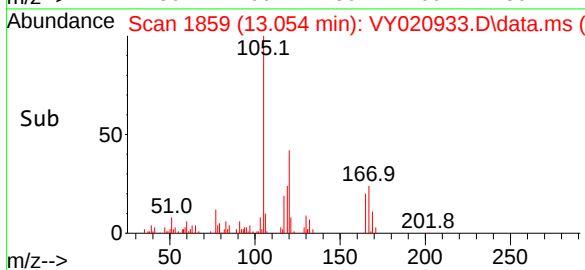
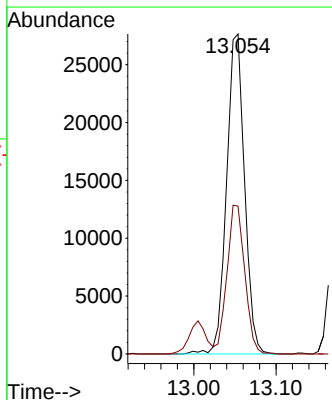
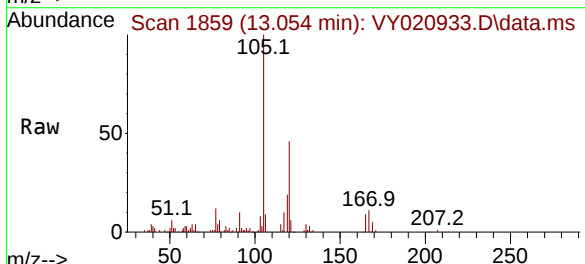
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

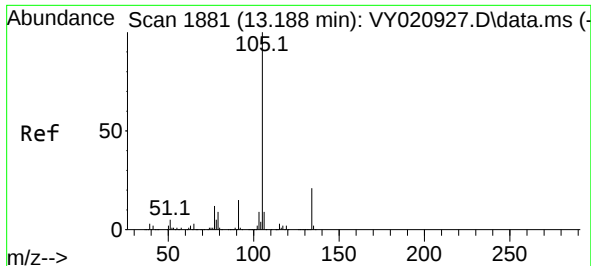
Tgt Ion:119 Resp: 40450
Ion Ratio Lower Upper
119 100
91 65.5 30.9 92.8
134 27.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 4.769 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:105 Resp: 42059
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7

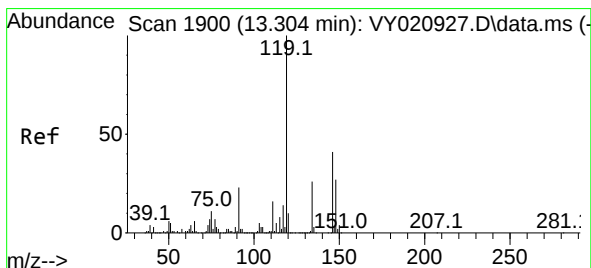
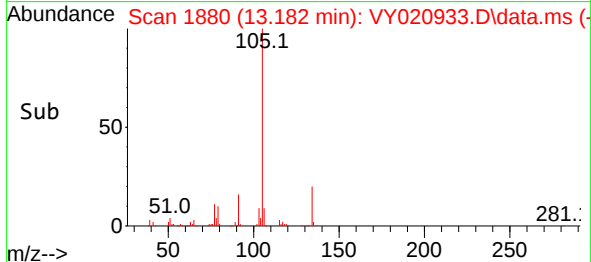
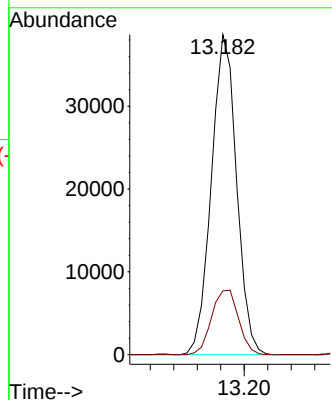
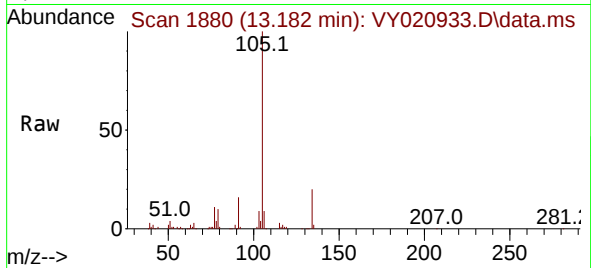




#85
 sec-Butylbenzene
 Concen: 4.885 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.006 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

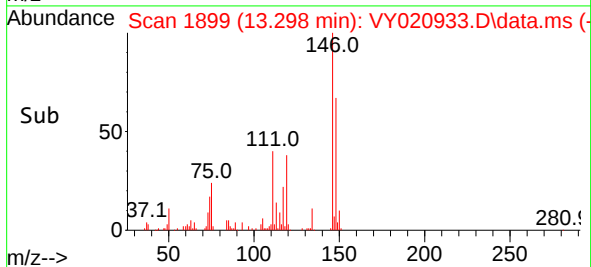
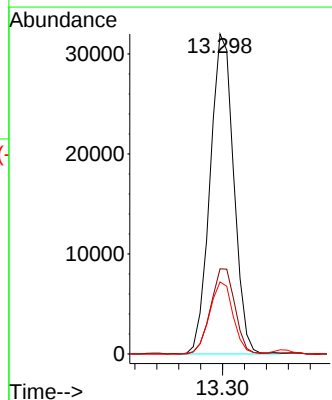
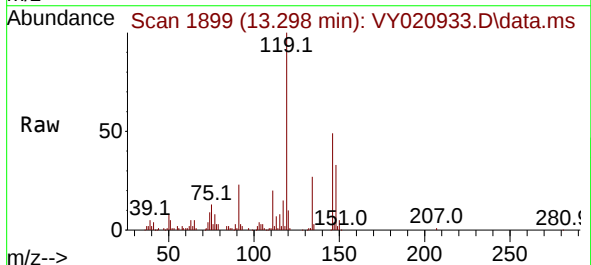
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

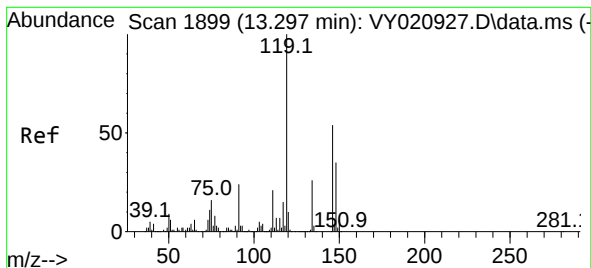
Tgt Ion:105 Resp: 57554
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4.811 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

Tgt Ion:119 Resp: 47891
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 4.981 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

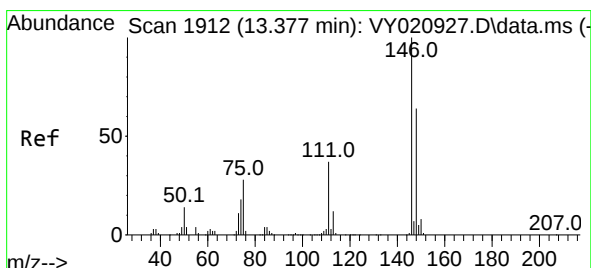
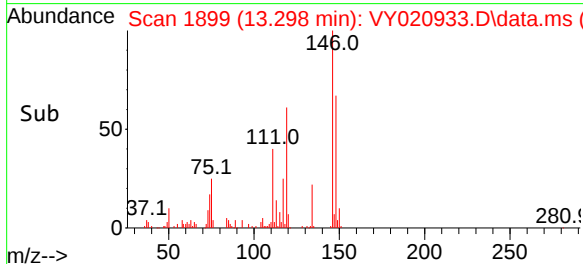
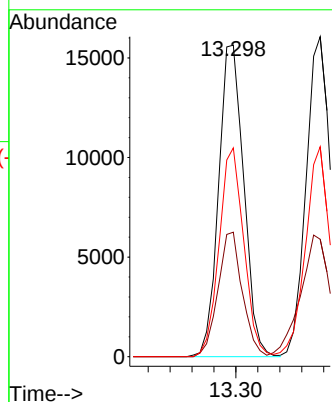
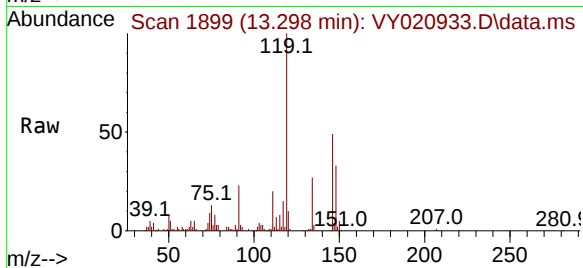
Tgt Ion:146 Resp: 24928

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 65.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.083 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

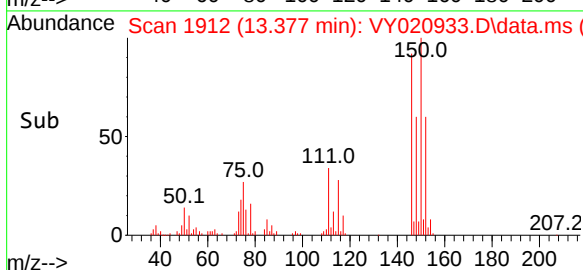
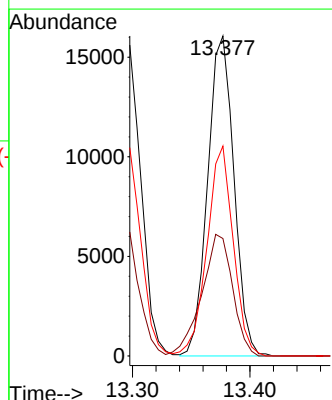
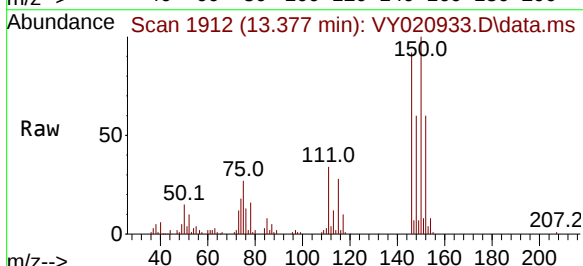
Tgt Ion:146 Resp: 24992

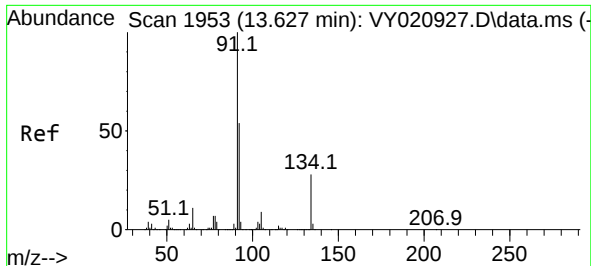
Ion Ratio Lower Upper

146 100

111 44.7 18.8 56.4

148 65.5 32.0 96.0

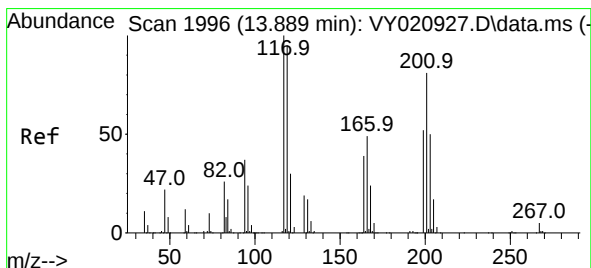
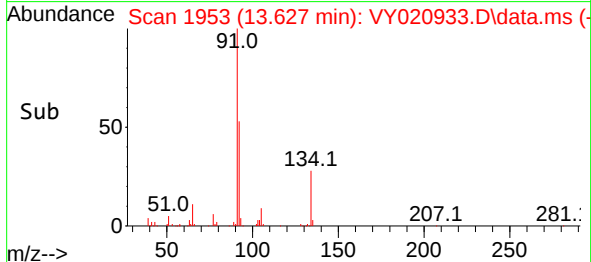
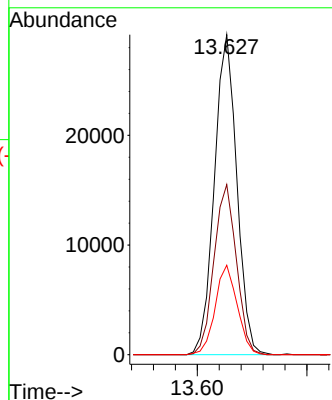
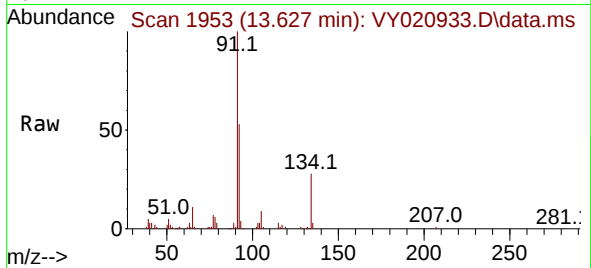




#89
n-Butylbenzene
Concen: 4.726 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

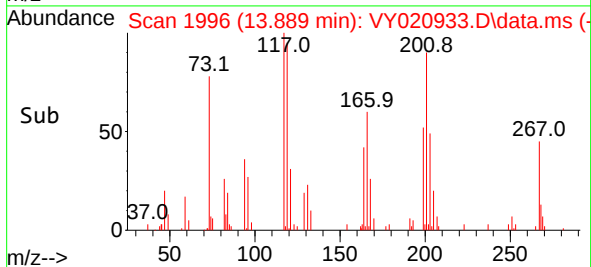
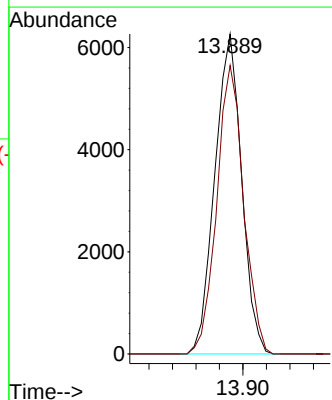
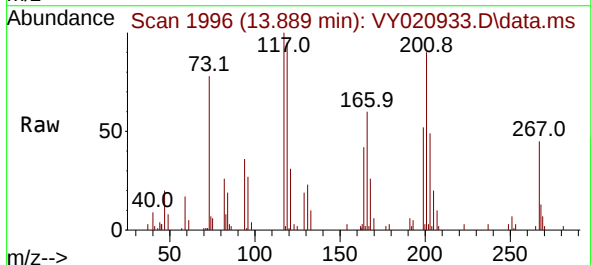
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

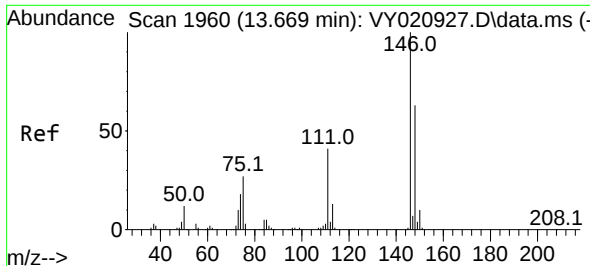
Tgt Ion: 91	Resp: 41497
Ion Ratio	Lower Upper
91	100
92	53.1 26.8 80.3
134	27.5 13.8 41.4



#90
Hexachloroethane
Concen: 5.021 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 117	Resp: 9929
Ion Ratio	Lower Upper
117	100
201	90.2 42.7 128.1

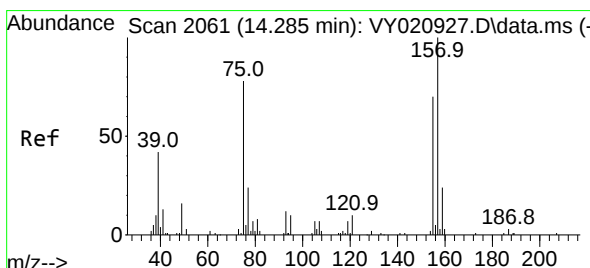
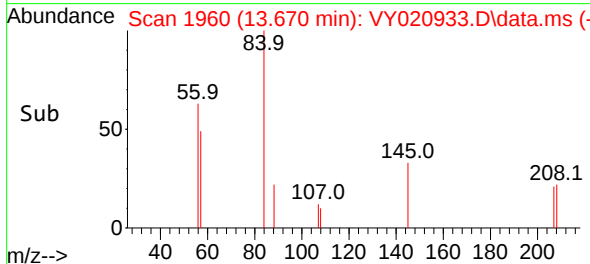
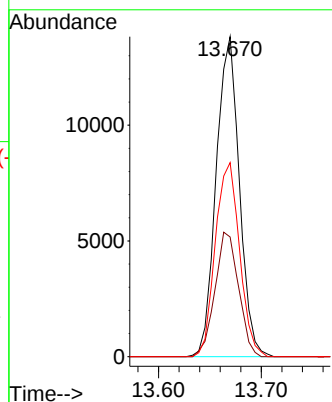
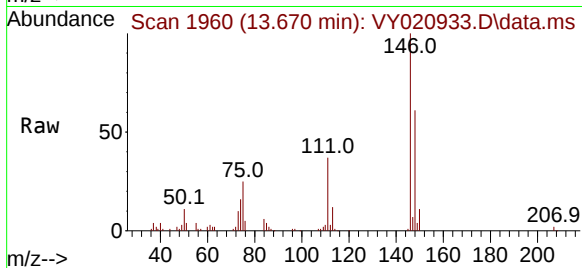




#91
1,2-Dichlorobenzene
Concen: 4.985 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

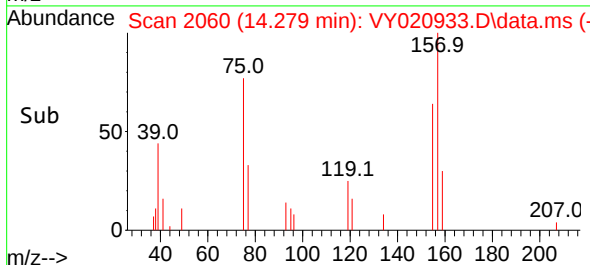
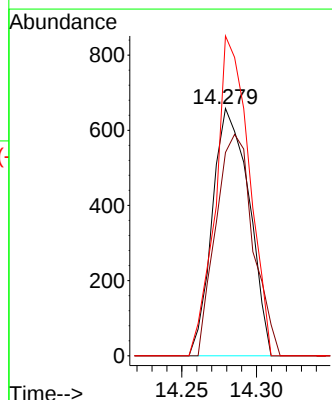
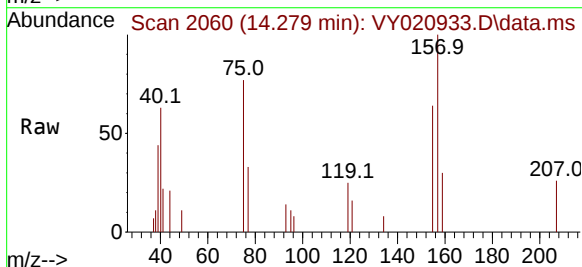
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

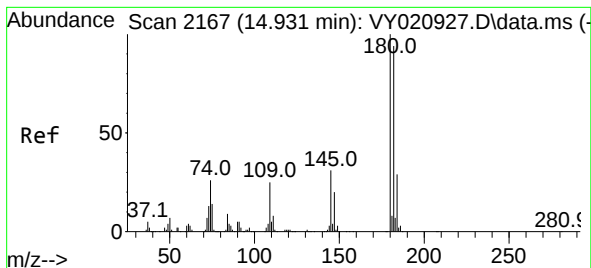
Tgt Ion:	146	Resp:	21618
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.2	60.6
148	63.5	32.2	96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.301 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:	75	Resp:	1121
Ion Ratio	Lower	Upper	
75	100		
155	90.9	46.6	139.7
157	118.4	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 4.325 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

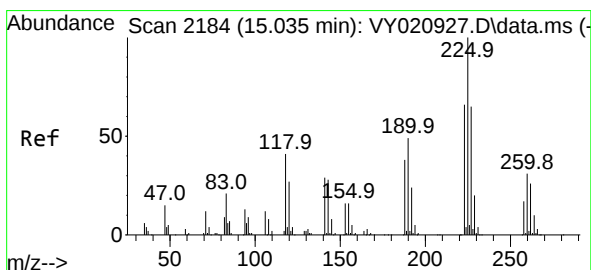
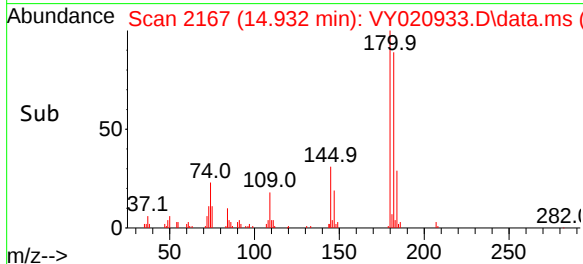
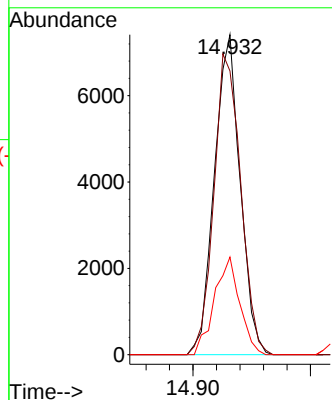
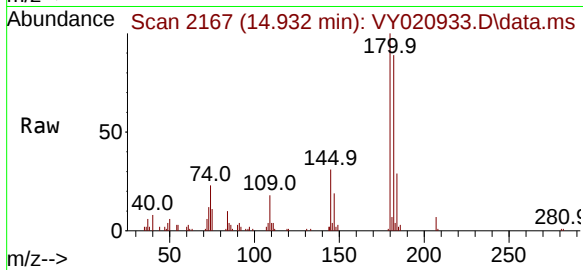
Tgt Ion:180 Resp: 11281

Ion Ratio Lower Upper

180 100

182 98.0 47.0 141.2

145 30.1 14.9 44.5



#94

Hexachlorobutadiene

Concen: 5.084 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

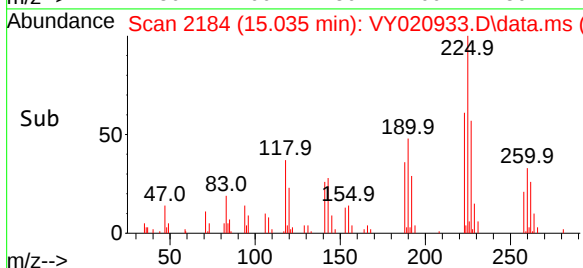
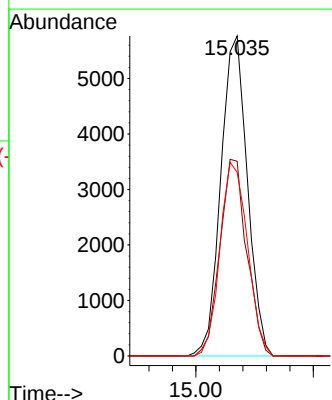
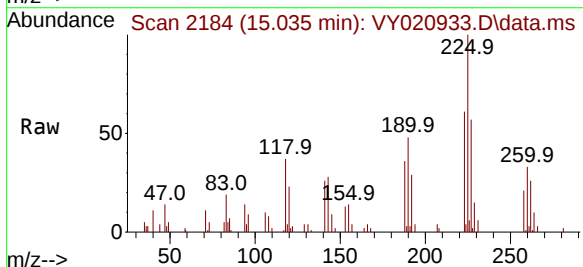
Tgt Ion:225 Resp: 9074

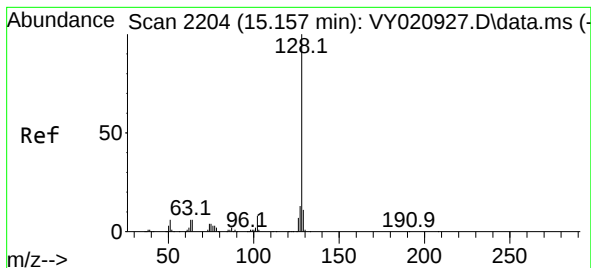
Ion Ratio Lower Upper

225 100

223 62.1 31.5 94.5

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 3.755 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

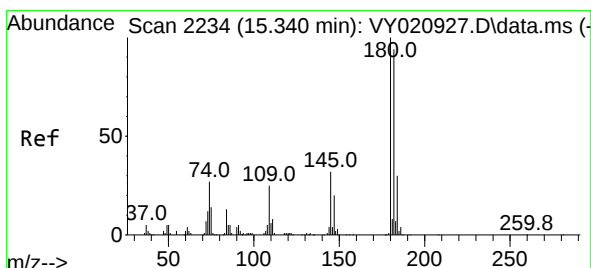
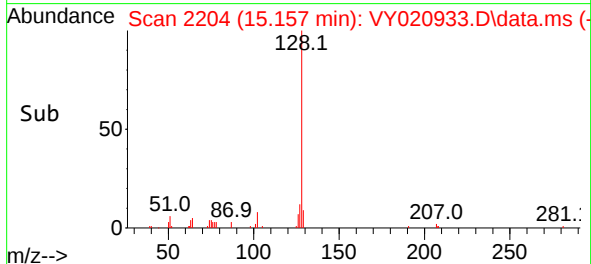
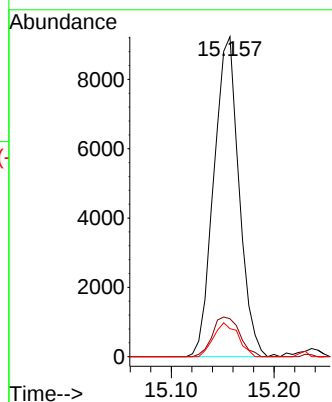
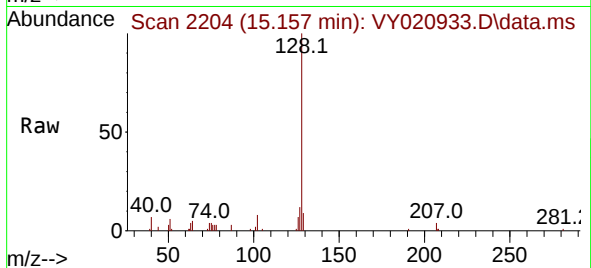
Tgt Ion:128 Resp: 15707

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.349 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:180 Resp: 9532

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 32.5 15.7 47.0

