

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023729.D
 Acq On : 11 Nov 2025 10:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 12 03:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	607167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	871900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	745460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	363998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	233750	46.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.640	113	262283	48.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.109	98	993689	49.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.408	95	321686	48.837	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	168275	38.504	ug/l	100
3) Chloromethane	2.074	50	234010	39.306	ug/l	99
4) Vinyl Chloride	2.208	62	312555	40.307	ug/l	98
5) Bromomethane	2.604	94	254470	39.105	ug/l	100
6) Chloroethane	2.745	64	221376	41.881	ug/l	98
7) Trichlorofluoromethane	3.068	101	491669	45.665	ug/l	100
8) Diethyl Ether	3.458	74	135262	48.077	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	282995	50.651	ug/l	99
10) Methyl Iodide	4.013	142	358290	57.604	ug/l	100
11) Tert butyl alcohol	4.866	59	70065	185.497	ug/l	99
12) 1,1-Dichloroethene	3.799	96	276880	51.122	ug/l	92
13) Acrolein	3.659	56	60678	113.689	ug/l	100
14) Allyl chloride	4.391	41	346897	52.555	ug/l	99
15) Acrylonitrile	5.067	53	259058	240.607	ug/l	99
16) Acetone	3.873	43	304395	251.831	ug/l	97
17) Carbon Disulfide	4.116	76	806216	52.009	ug/l	100
18) Methyl Acetate	4.391	43	116168	36.638	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	649636	49.906	ug/l	96
20) Methylene Chloride	4.622	84	290861	44.501	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	307052	51.493	ug/l	93
22) Diisopropyl ether	6.025	45	769608	52.711	ug/l	98
23) Vinyl Acetate	5.964	43	2113417	267.423	ug/l	99
24) 1,1-Dichloroethane	5.927	63	493214	50.997	ug/l	98
25) 2-Butanone	6.896	43	350641	237.616	ug/l	97
26) 2,2-Dichloropropane	6.890	77	474787	53.500	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	356945	51.822	ug/l	99
28) Bromochloromethane	7.250	49	175595	48.634	ug/l	96
29) Tetrahydrofuran	7.268	42	194527	232.464	ug/l	100
30) Chloroform	7.427	83	543952	51.191	ug/l	100
31) Cyclohexane	7.707	56	432361	51.191	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	500342	51.814	ug/l	99
36) 1,1-Dichloropropene	7.841	75	391364	55.179	ug/l	98
37) Ethyl Acetate	6.988	43	143259	50.983	ug/l	99
38) Carbon Tetrachloride	7.823	117	459041	53.375	ug/l	99
39) Methylcyclohexane	9.116	83	518108	56.104	ug/l	98
40) Benzene	8.085	78	1181008	52.578	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	72123	47.458	ug/l	98
42) 1,2-Dichloroethane	8.164	62	293146	50.604	ug/l	99
43) Isopropyl Acetate	8.201	43	275845	49.232	ug/l	99
44) Trichloroethene	8.872	130	337603	51.352	ug/l	99
45) 1,2-Dichloropropane	9.146	63	262143	52.838	ug/l	97
46) Dibromomethane	9.237	93	156197	49.789	ug/l	98
47) Bromodichloromethane	9.426	83	408855	51.747	ug/l	98
48) Methyl methacrylate	9.225	41	132342	50.277	ug/l	98
49) 1,4-Dioxane	9.231	88	29644	814.997	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	722815	249.686	ug/l	99
52) Toluene	10.176	92	772167	52.946	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	352522	51.312	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	423917	52.281	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	209990	49.776	ug/l	96
56) Ethyl methacrylate	10.445	69	256657	52.741	ug/l	99
57) 1,3-Dichloropropane	10.719	76	336364	50.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	524432	240.566	ug/l	99
59) 2-Hexanone	10.762	43	522869	252.738	ug/l	99
60) Dibromochloromethane	10.914	129	294606	49.809	ug/l	100
61) 1,2-Dibromoethane	11.018	107	197695	49.137	ug/l	100
64) Tetrachloroethene	10.652	164	391196	50.823	ug/l	98
65) Chlorobenzene	11.444	112	841574	51.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	298460	51.657	ug/l	99
67) Ethyl Benzene	11.524	91	1458060	55.557	ug/l	99
68) m/p-Xylenes	11.633	106	1142823	108.565	ug/l	97
69) o-Xylene	11.956	106	536066	54.293	ug/l	98
70) Styrene	11.975	104	877387	54.037	ug/l	99
71) Bromoform	12.133	173	171978	47.987	ug/l #	99
73) Isopropylbenzene	12.255	105	1422064	59.283	ug/l	99
74) N-amyl acetate	12.072	43	234147	54.344	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	208984	53.266	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	276897	86.222	ug/l #	100
77) Bromobenzene	12.536	156	345959	54.249	ug/l	98
78) n-propylbenzene	12.597	91	1653744	59.575	ug/l	99
79) 2-Chlorotoluene	12.682	91	935851	57.571	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1137755	58.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	68129	52.022	ug/l	96
82) 4-Chlorotoluene	12.779	91	955395	57.068	ug/l	99
83) tert-Butylbenzene	12.999	119	1038274	58.012	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	1125767	58.194	ug/l	98
85) sec-Butylbenzene	13.176	105	1516788	59.080	ug/l	99
86) p-Isopropyltoluene	13.292	119	1284344	58.756	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	662725	53.366	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	638753	52.080	ug/l	99
89) n-Butylbenzene	13.621	91	1121698	58.892	ug/l	100
90) Hexachloroethane	13.883	117	254198	54.068	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	566362	52.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29638	46.039	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	335189	49.383	ug/l	100
94) Hexachlorobutadiene	15.029	225	213845	50.541	ug/l	99
95) Naphthalene	15.145	128	511247	47.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	274255	46.648	ug/l	100

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ClientSampleId :
VSTDCCC050

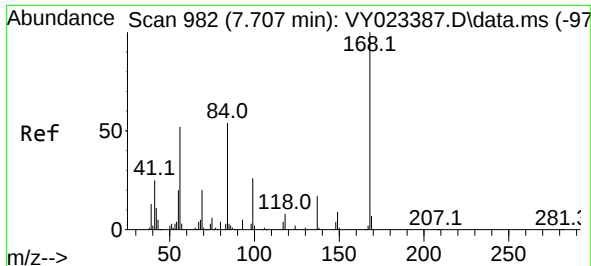
Quant Time: Nov 12 03:31:05 2025
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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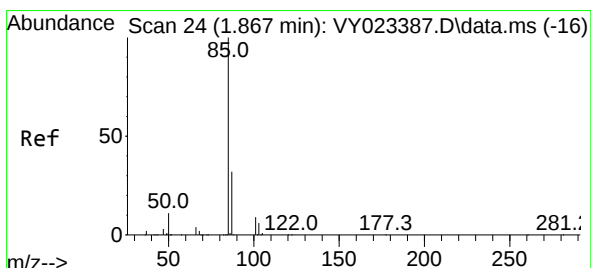
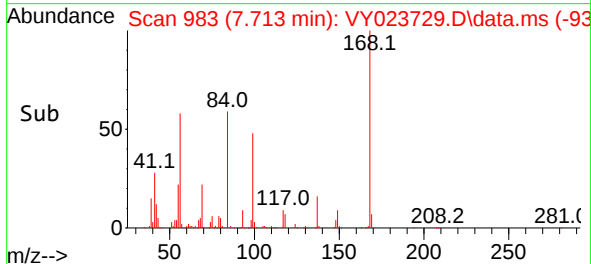
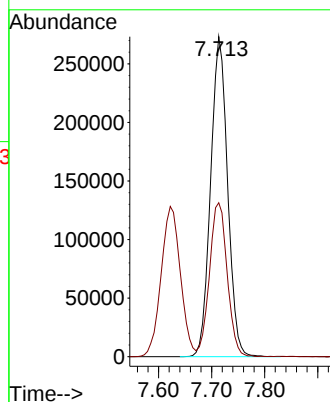
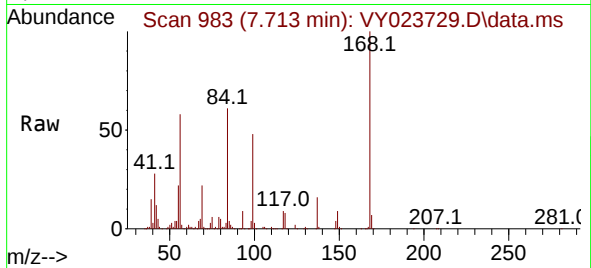




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023729.D
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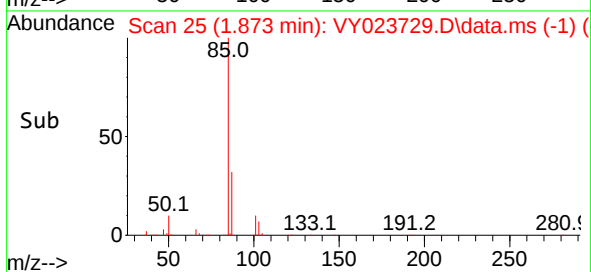
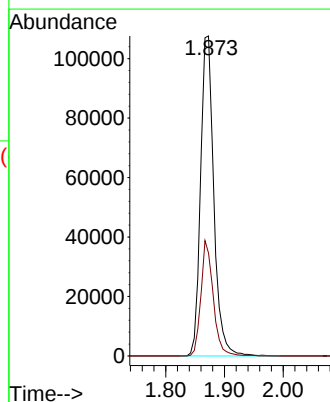
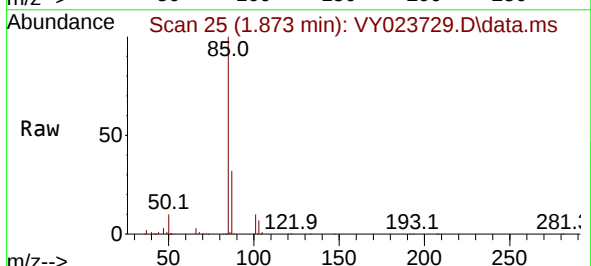
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 607167
Ion Ratio Lower Upper
168 100
99 48.0 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 38.504 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 85 Resp: 168275
Ion Ratio Lower Upper
85 100
87 32.1 16.0 47.9

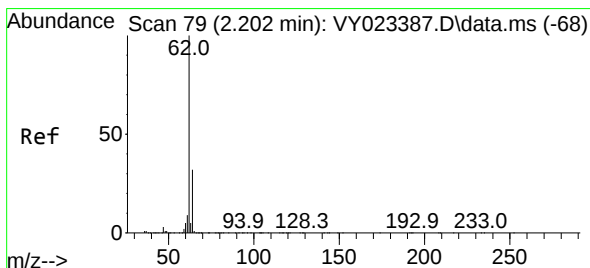
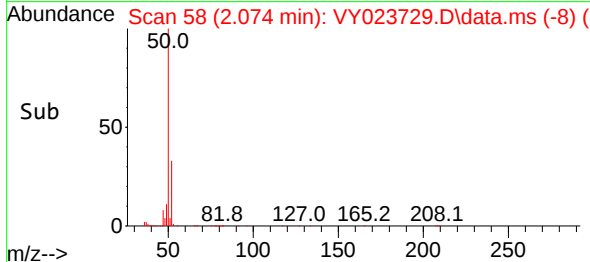
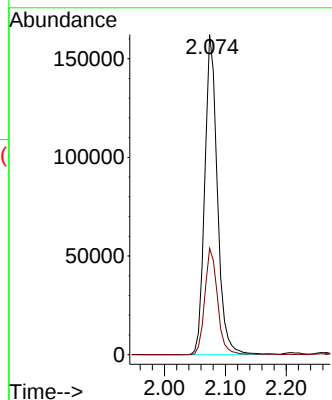
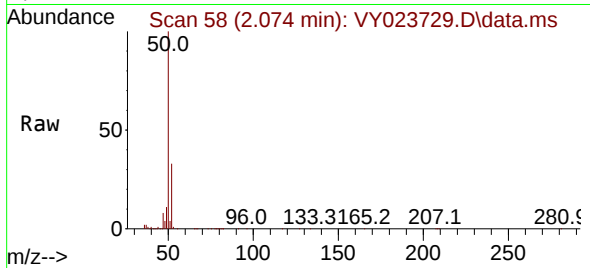




#3
Chloromethane
Concen: 39.306 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

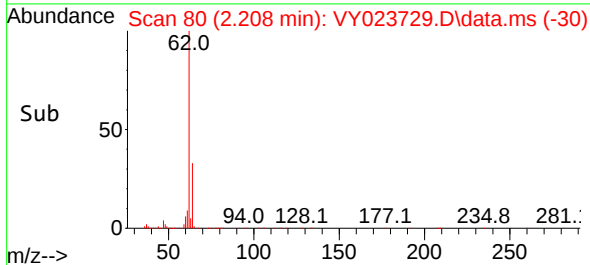
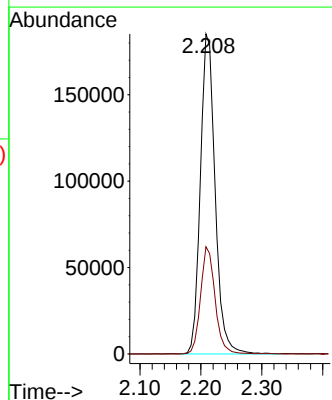
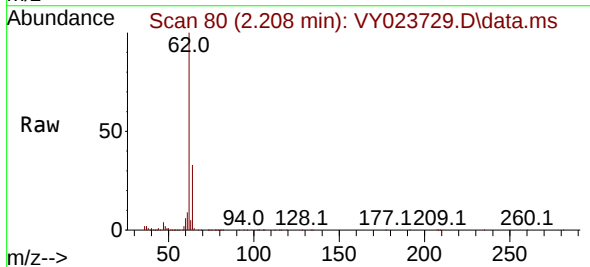
Instrument :
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ClientSampleId :
VSTDCCC050

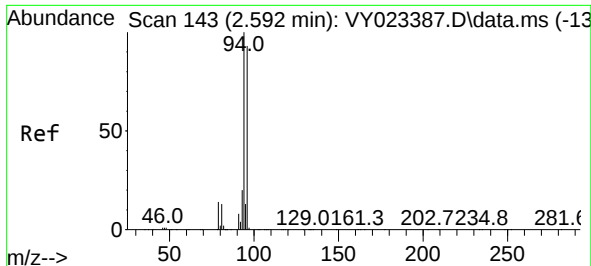
Tgt Ion: 50 Resp: 234010
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 40.307 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 62 Resp: 312555
Ion Ratio Lower Upper
62 100
64 33.5 25.8 38.8

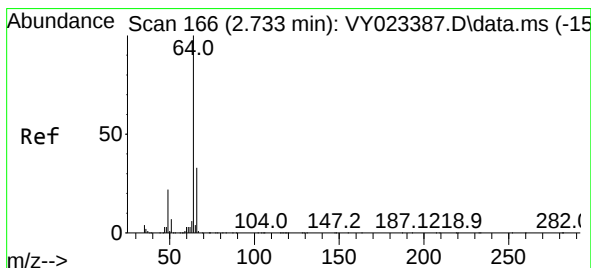
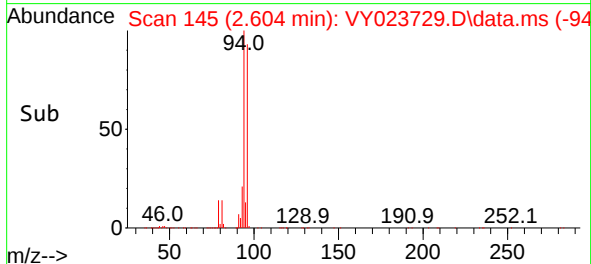
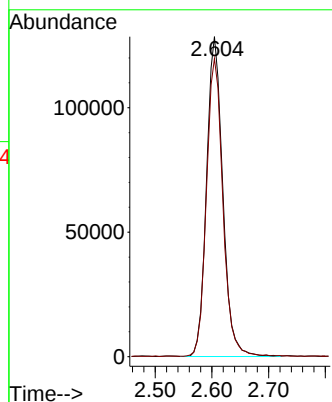
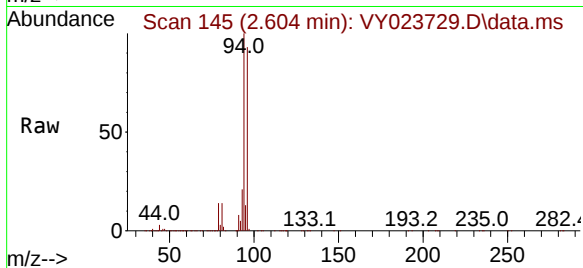




#5
Bromomethane
Concen: 39.105 ug/l
RT: 2.604 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

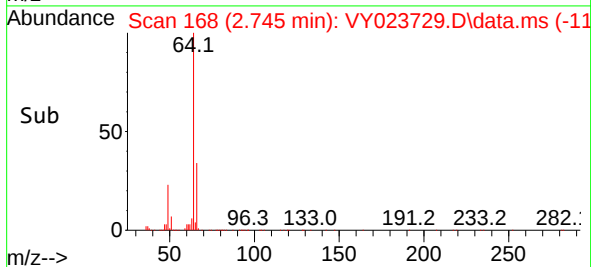
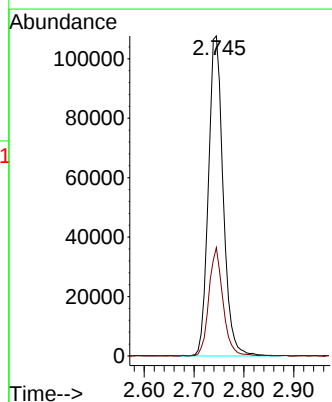
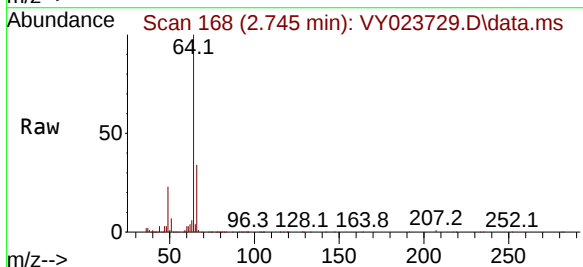
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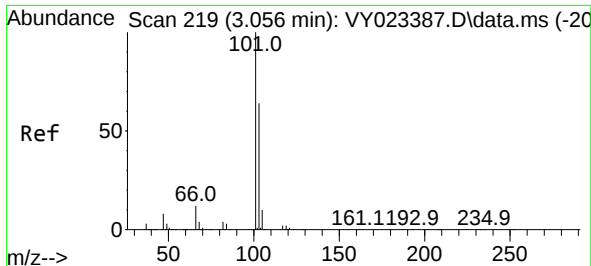
Tgt Ion: 94 Resp: 254470
Ion Ratio Lower Upper
94 100
96 93.1 74.5 111.7



#6
Chloroethane
Concen: 41.881 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 64 Resp: 221376
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4

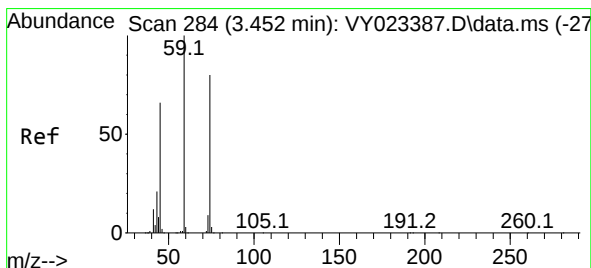
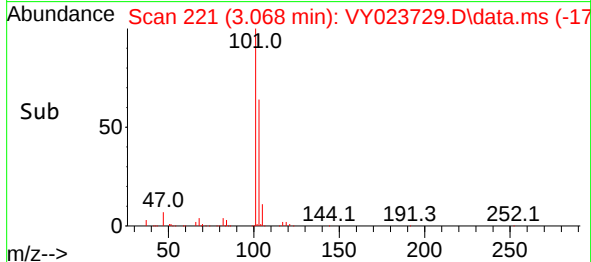
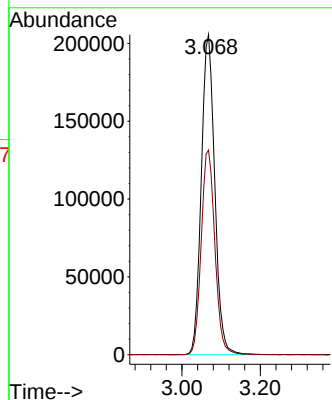
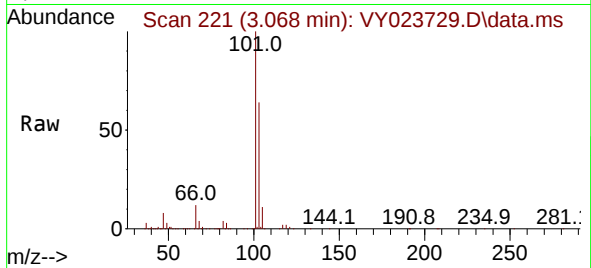




#7
Trichlorofluoromethane
Concen: 45.665 ug/l
RT: 3.068 min Scan# 219
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

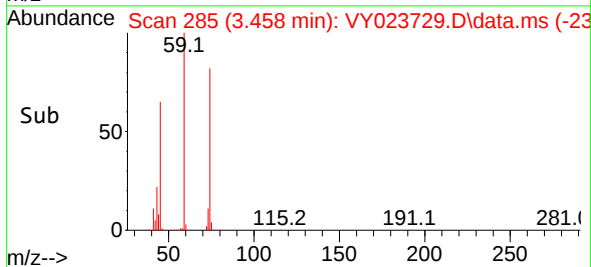
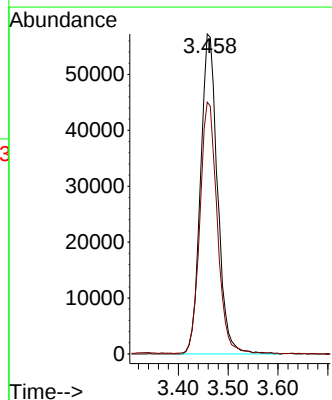
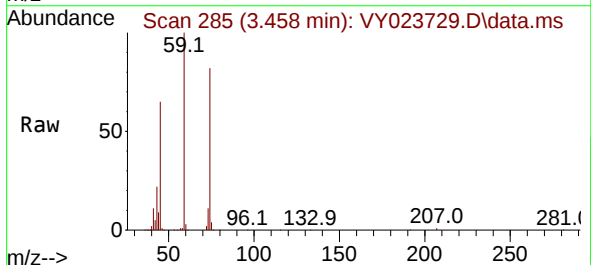
Instrument :
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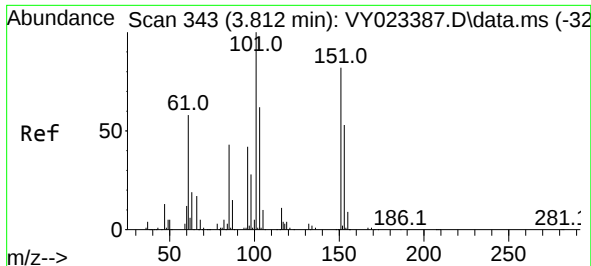
Tgt Ion:101 Resp: 491669
Ion Ratio Lower Upper
101 100
103 63.9 51.3 76.9



#8
Diethyl Ether
Concen: 48.077 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 74 Resp: 135262
Ion Ratio Lower Upper
74 100
45 80.1 39.9 119.7

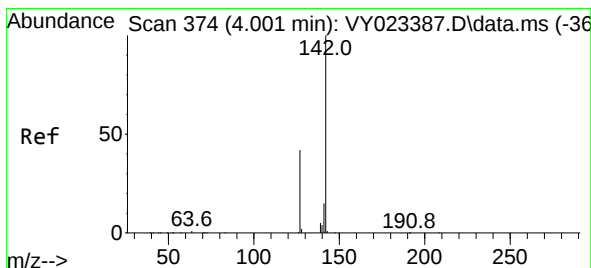
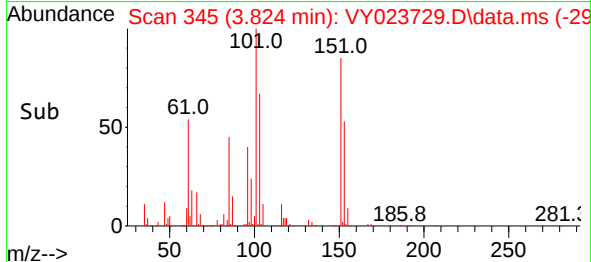
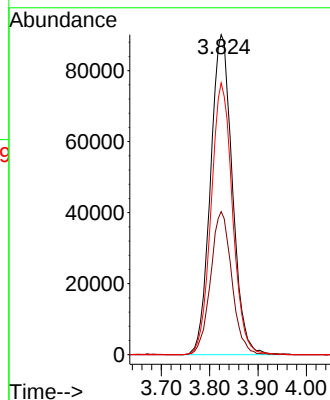
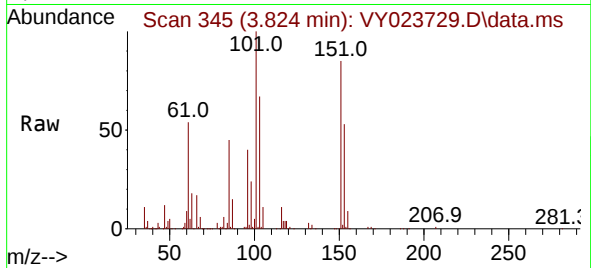




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.651 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023729.D
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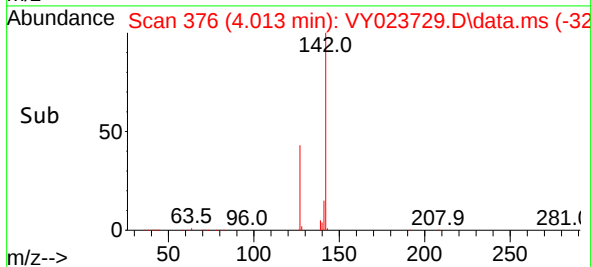
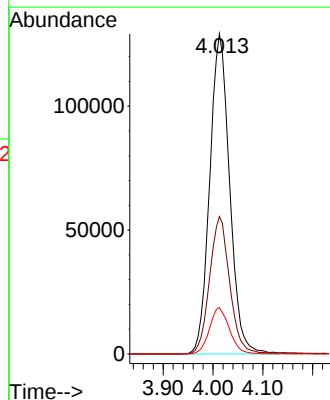
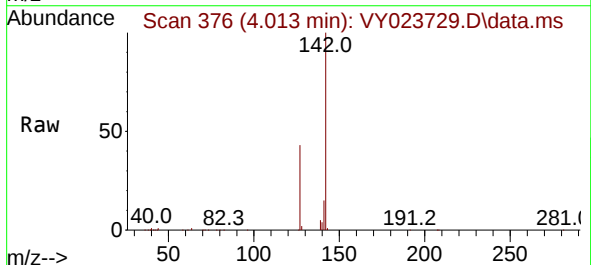
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 282995
Ion Ratio Lower Upper
101 100
85 43.5 34.6 51.8
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 57.604 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:142 Resp: 358290
Ion Ratio Lower Upper
142 100
127 43.5 34.8 52.2
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 185.497 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

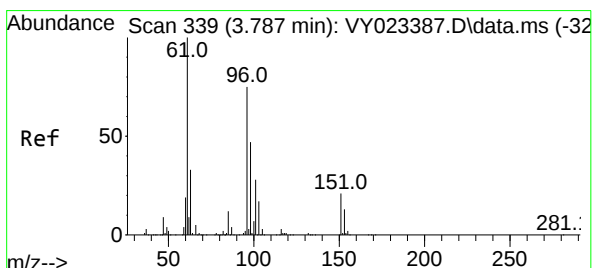
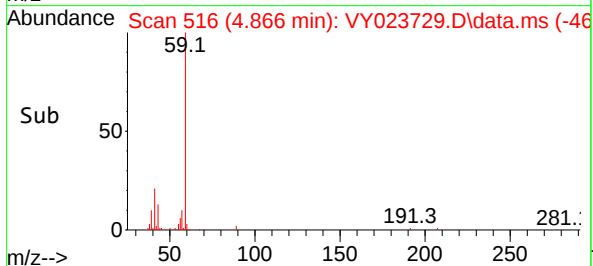
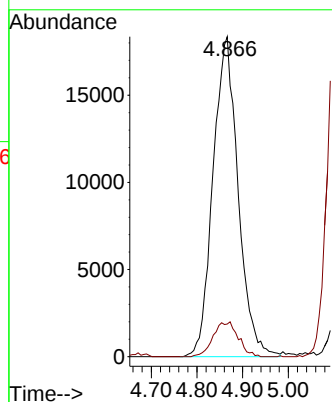
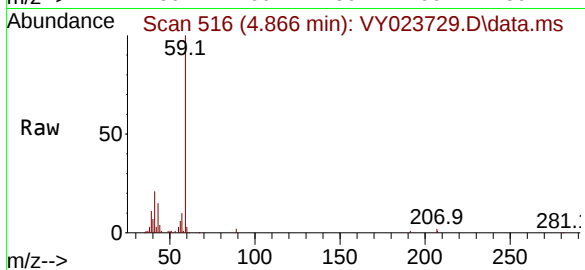
VSTDCCC050

Tgt Ion: 59 Resp: 70065

Ion Ratio Lower Upper

59 100

57 10.9 8.3 12.5



#12

1,1-Dichloroethene

Concen: 51.122 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

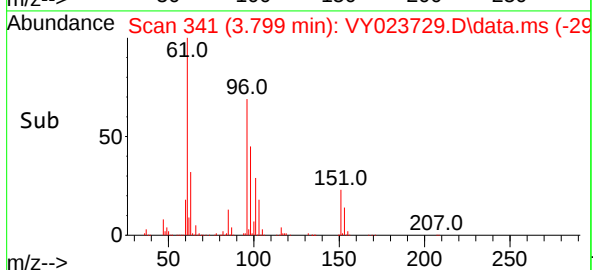
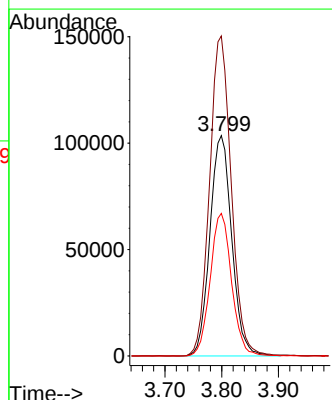
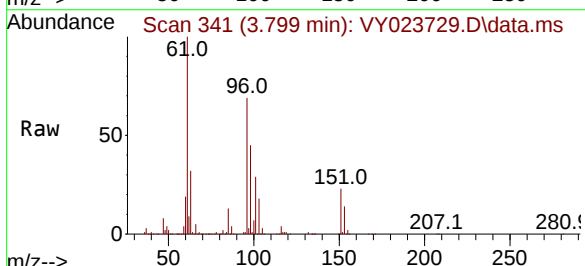
Tgt Ion: 96 Resp: 276880

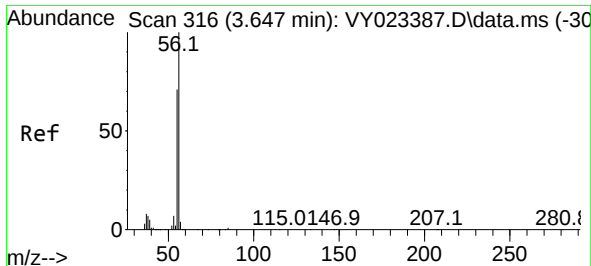
Ion Ratio Lower Upper

96 100

61 145.2 106.7 160.1

98 64.7 50.2 75.4

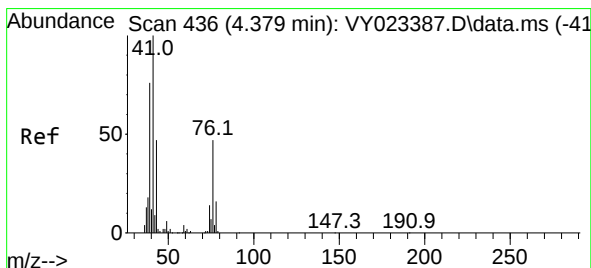
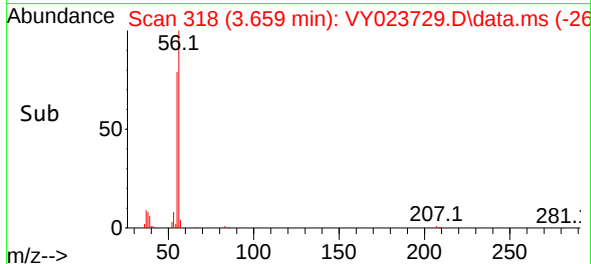
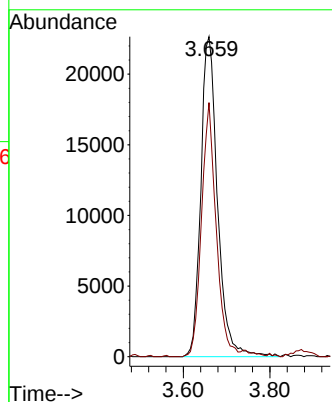
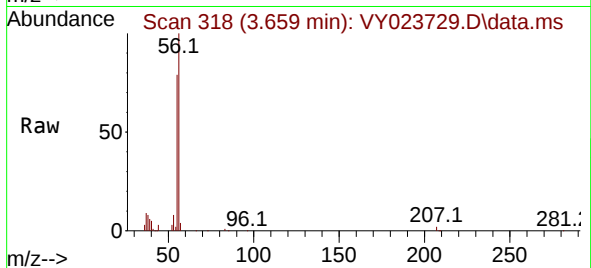




#13
Acrolein
Concen: 113.689 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

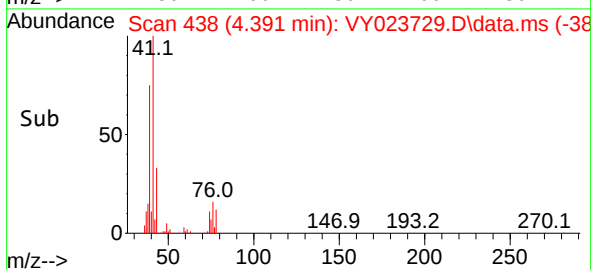
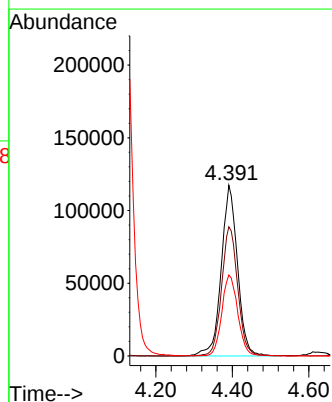
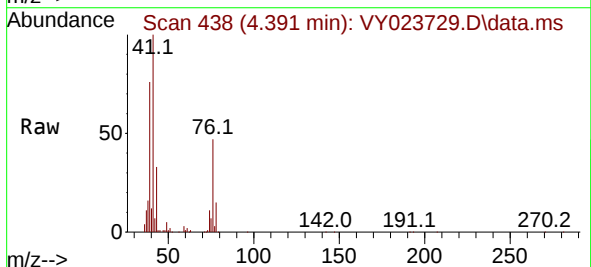
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

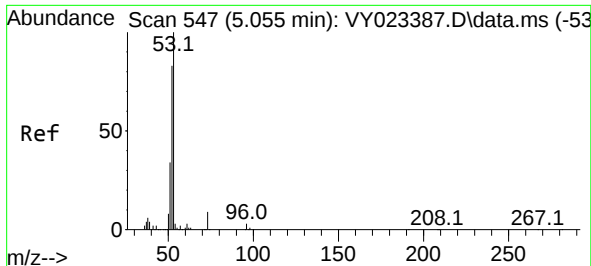
Tgt Ion: 56 Resp: 60678
Ion Ratio Lower Upper
56 100
55 69.7 56.1 84.1



#14
Allyl chloride
Concen: 52.555 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 41 Resp: 346897
Ion Ratio Lower Upper
41 100
39 75.2 59.9 89.9
76 46.5 38.0 57.0

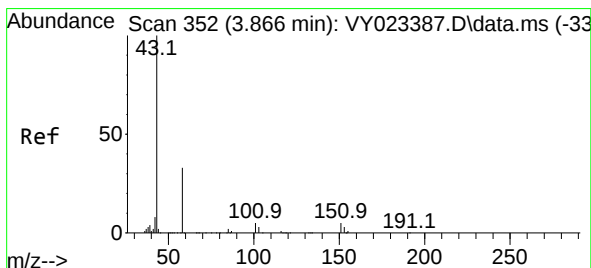
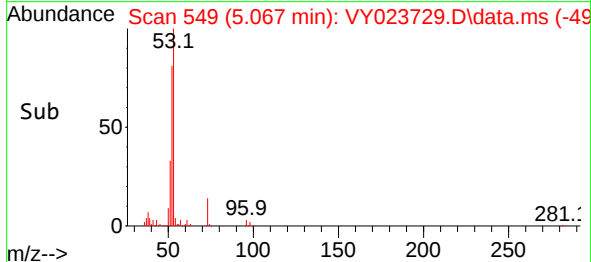
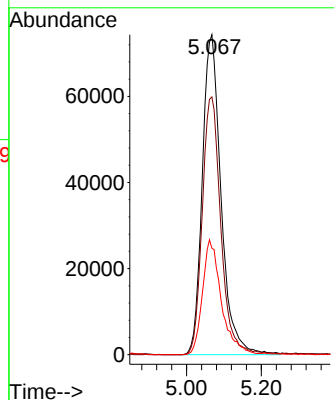
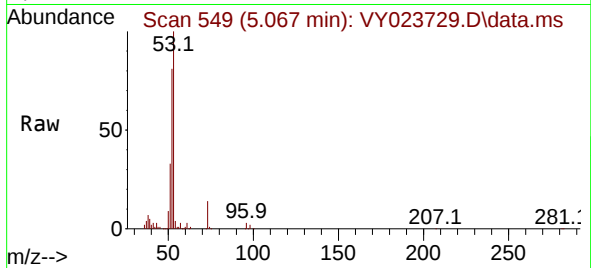




#15
Acrylonitrile
Concen: 240.607 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

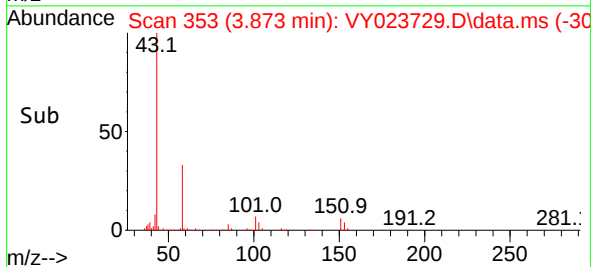
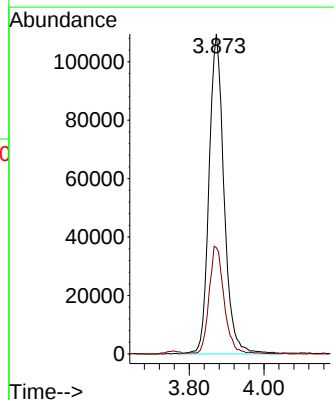
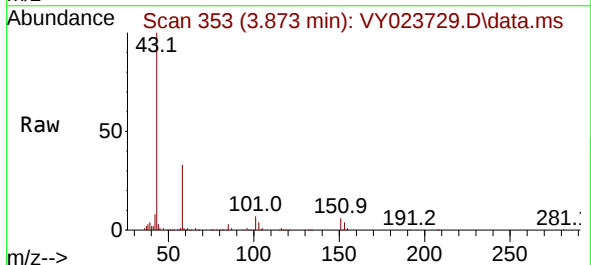
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

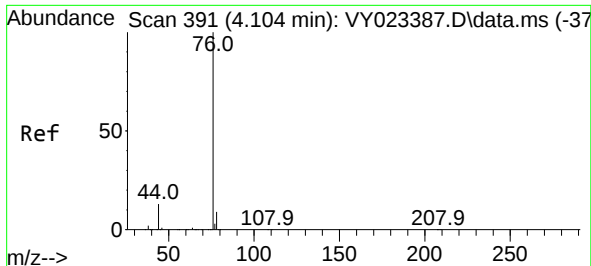
Tgt Ion: 53 Resp: 259058
Ion Ratio Lower Upper
53 100
52 80.0 64.6 97.0
51 36.1 29.5 44.3



#16
Acetone
Concen: 251.831 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 43 Resp: 304395
Ion Ratio Lower Upper
43 100
58 33.1 27.7 41.5

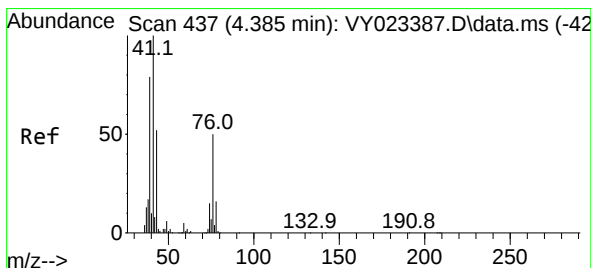
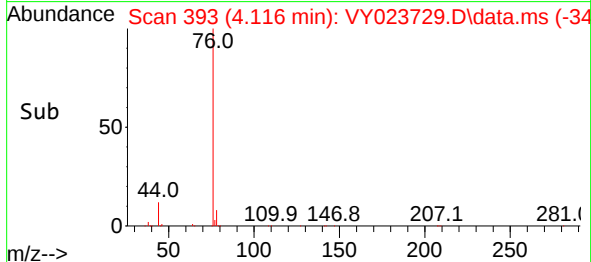
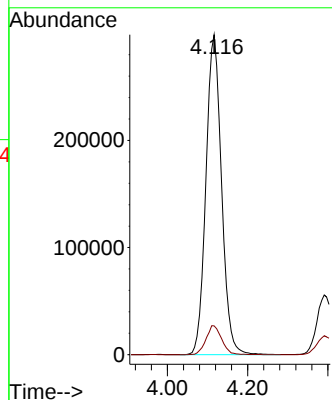
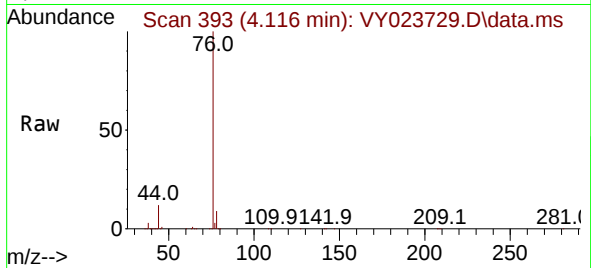




#17
Carbon Disulfide
Concen: 52.009 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

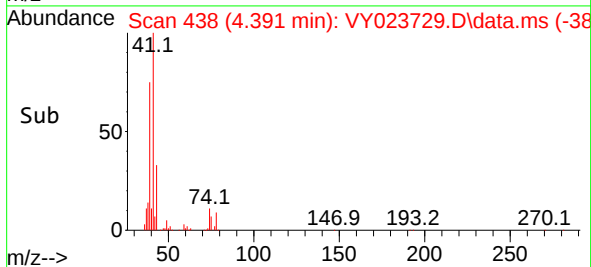
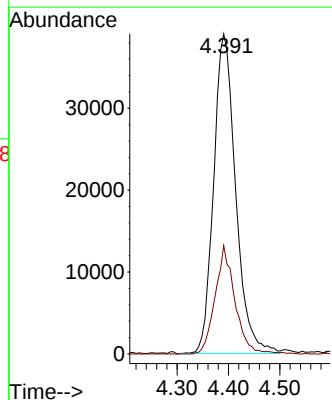
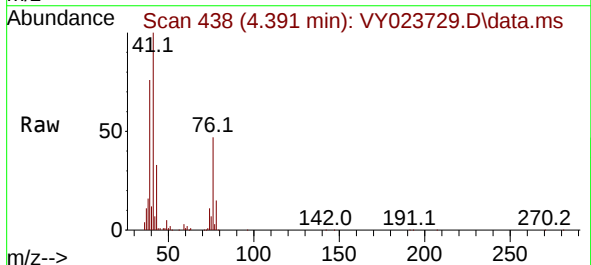
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 806216
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 36.638 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 43 Resp: 116168
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 49.906 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

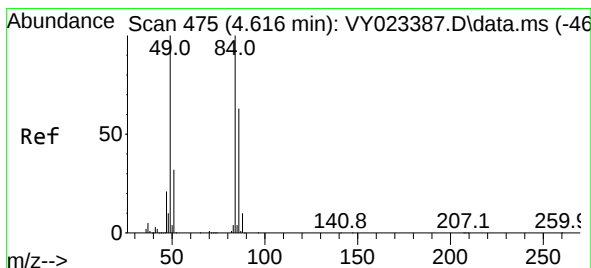
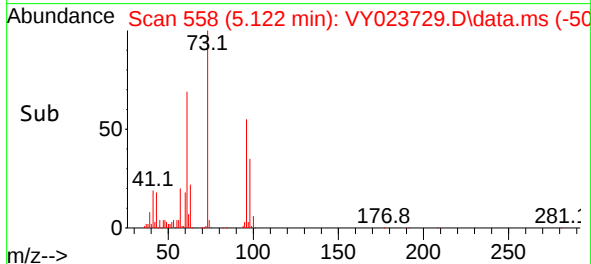
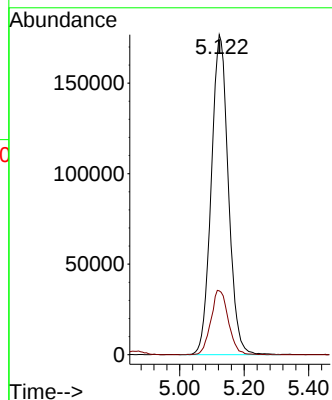
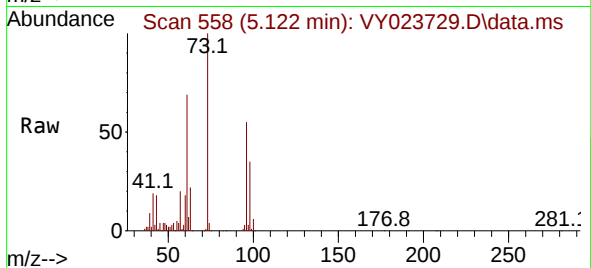
VSTDCCC050

Tgt Ion: 73 Resp: 649636

Ion Ratio Lower Upper

73 100

57 20.0 17.4 26.0



#20

Methylene Chloride

Concen: 44.501 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Tgt Ion: 84 Resp: 290861

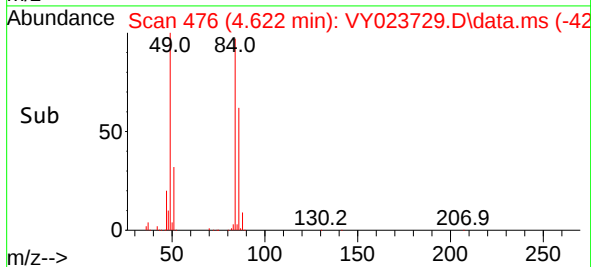
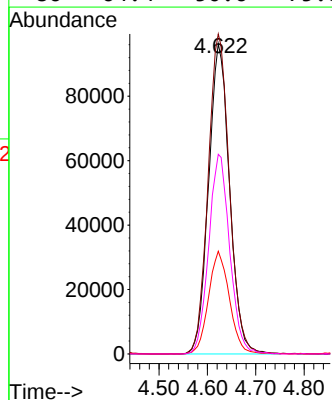
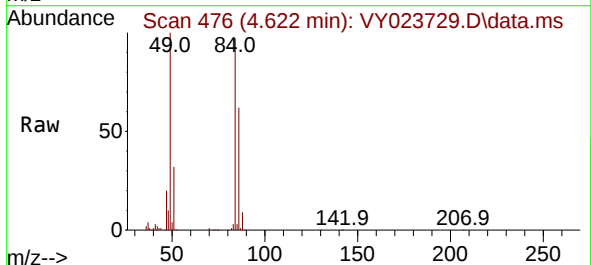
Ion Ratio Lower Upper

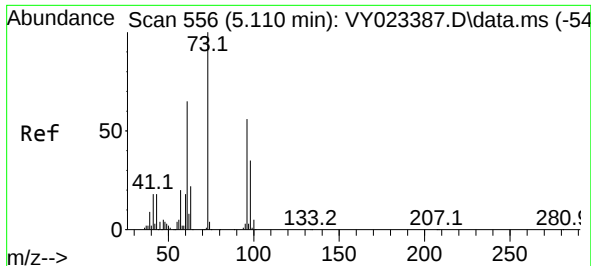
84 100

49 103.1 80.2 120.4

51 33.1 25.9 38.9

86 64.4 50.6 75.8

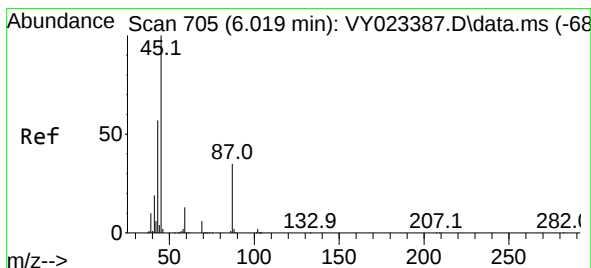
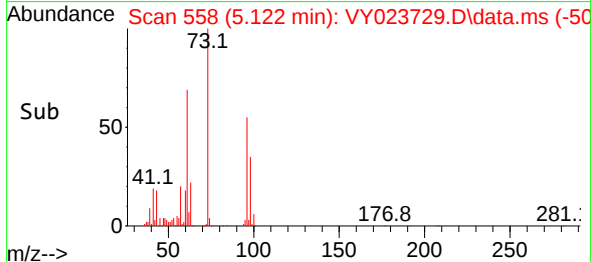
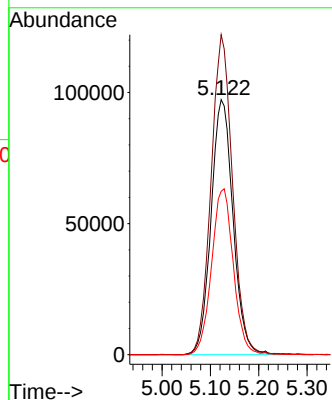
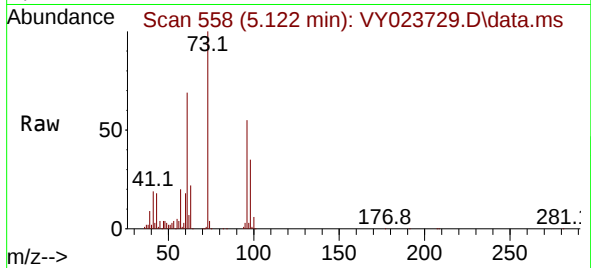




#21
trans-1,2-Dichloroethene
Concen: 51.493 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

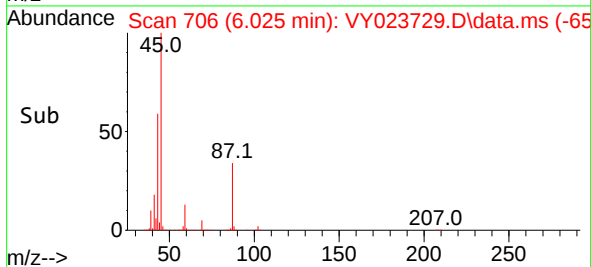
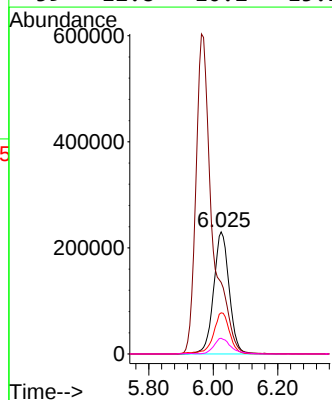
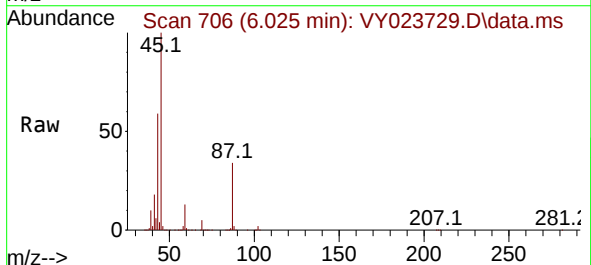
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

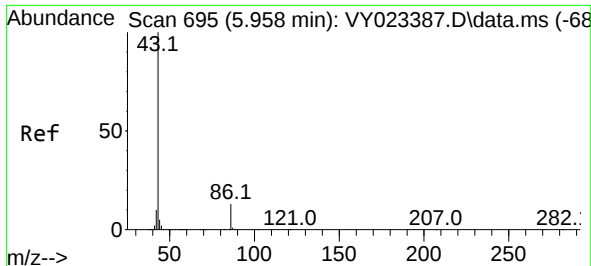
Tgt Ion: 96 Resp: 307052
Ion Ratio Lower Upper
96 100
61 125.5 92.7 139.1
98 64.1 49.7 74.5



#22
Diisopropyl ether
Concen: 52.711 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 45 Resp: 769608
Ion Ratio Lower Upper
45 100
43 58.4 45.6 68.4
87 33.7 28.1 42.1
59 12.8 10.2 15.2

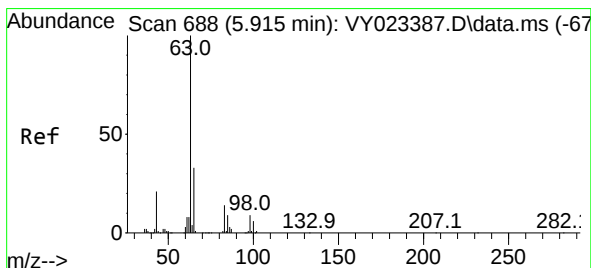
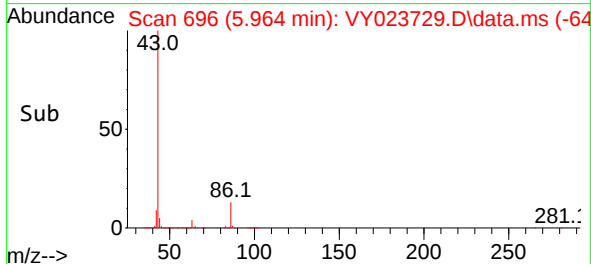
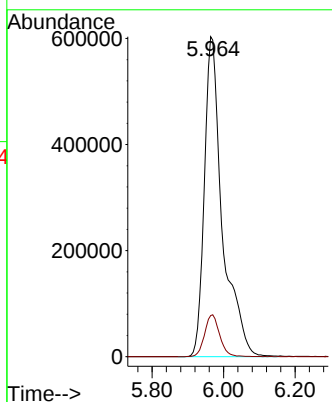
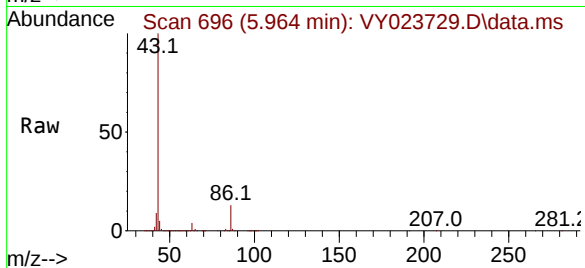




#23
 Vinyl Acetate
 Concen: 267.423 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

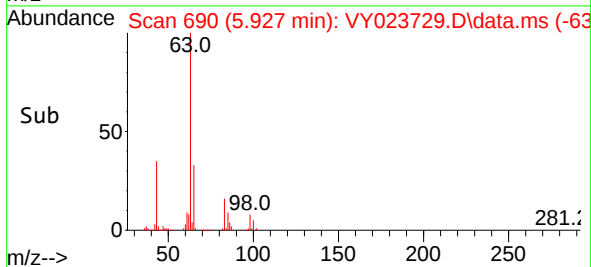
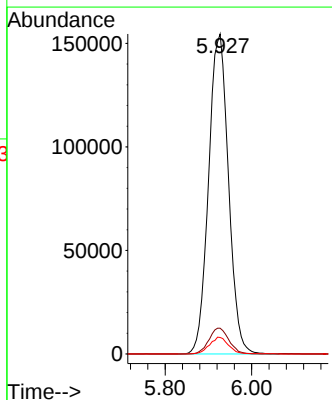
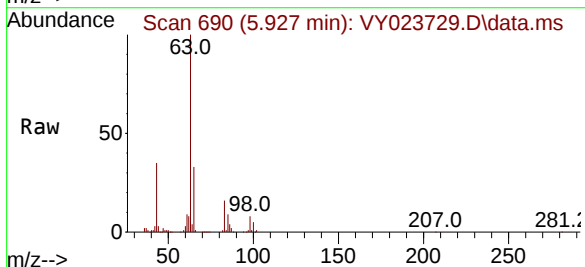
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

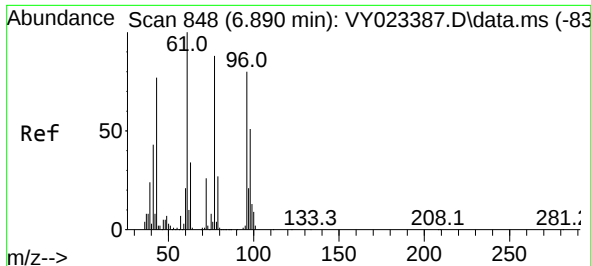
Tgt Ion: 43 Resp: 2113417
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 50.997 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

Tgt Ion: 63 Resp: 493214
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 13.1
 100 5.1 2.8 8.4





#25

2-Butanone

Concen: 237.616 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

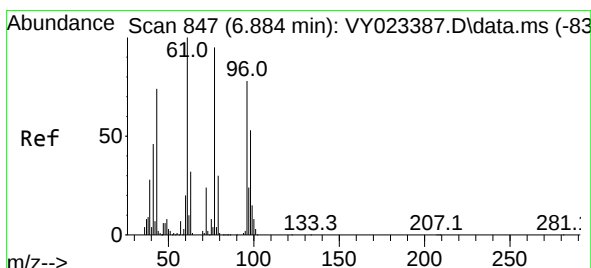
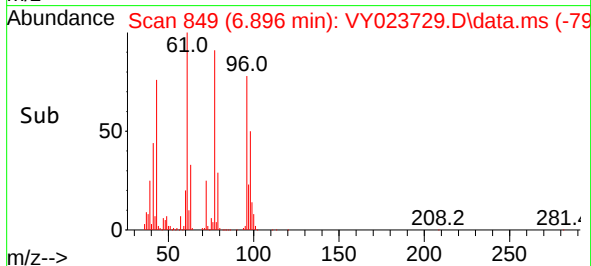
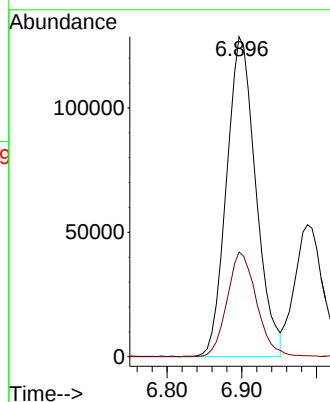
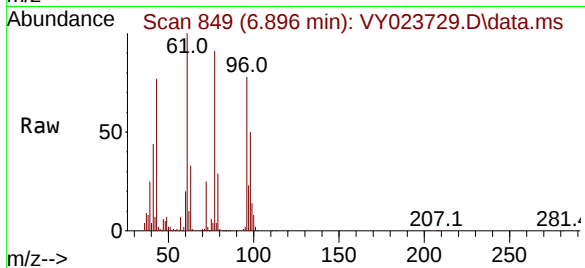
VSTDCCC050

Tgt Ion: 43 Resp: 350641

Ion Ratio Lower Upper

43 100

72 32.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 53.500 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023729.D

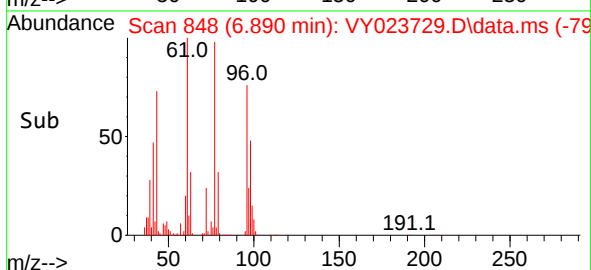
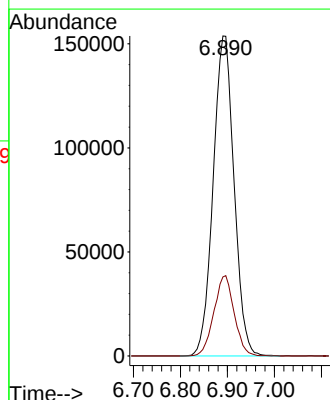
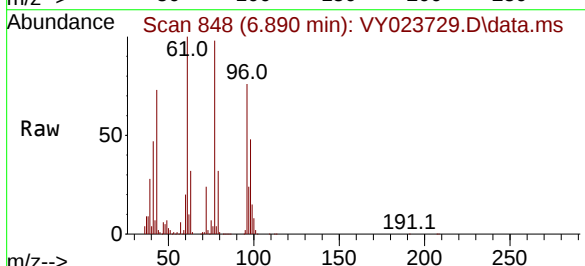
Acq: 11 Nov 2025 10:32

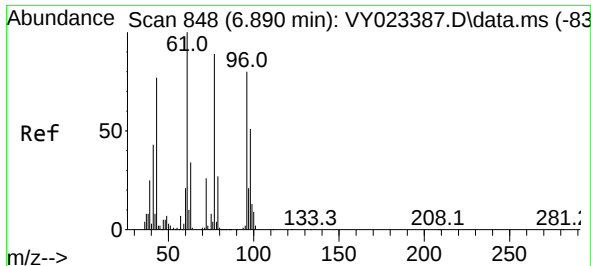
Tgt Ion: 77 Resp: 474787

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 51.822 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

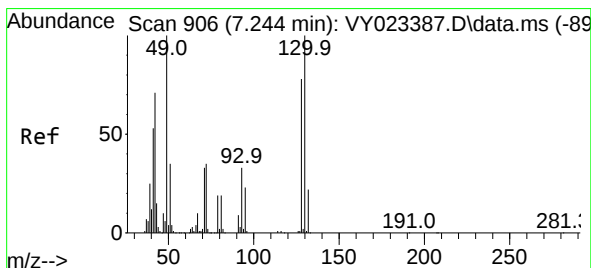
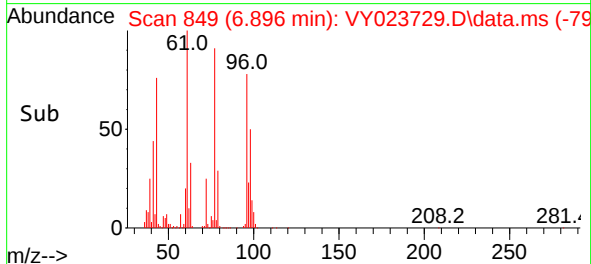
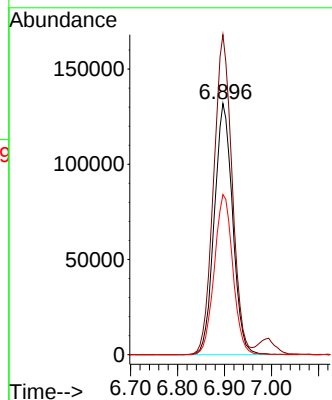
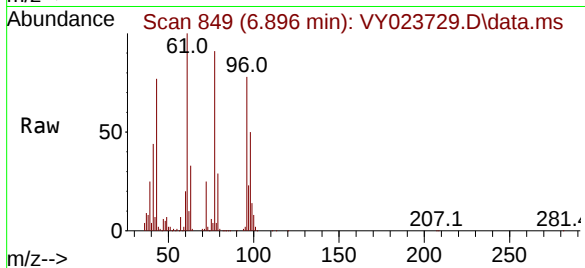
Tgt Ion: 96 Resp: 356945

Ion Ratio Lower Upper

96 100

61 128.6 0.0 258.2

98 64.6 0.0 132.0



#28

Bromochloromethane

Concen: 48.634 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

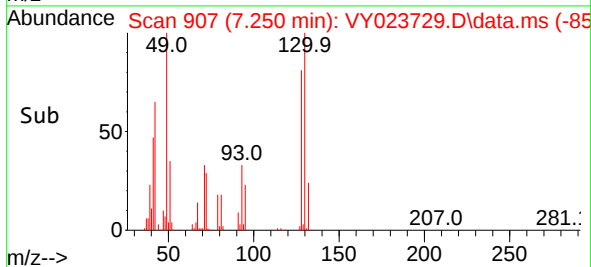
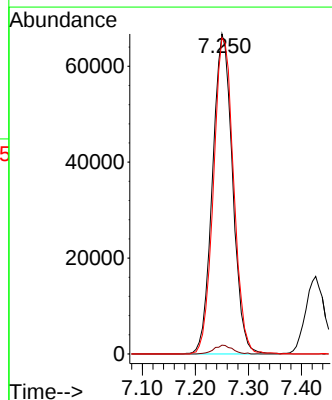
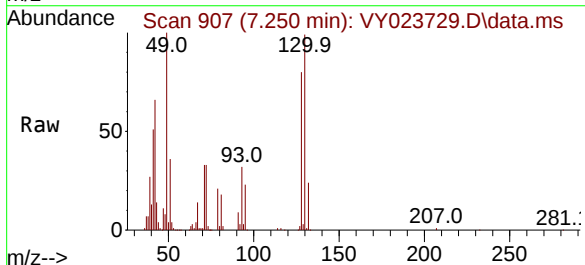
Tgt Ion: 49 Resp: 175595

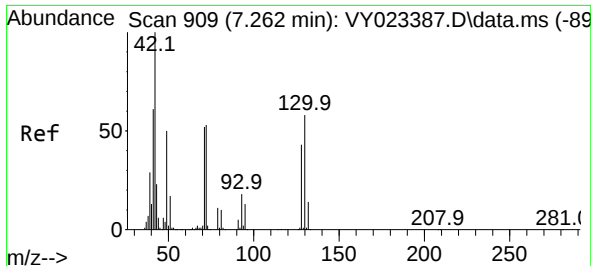
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.6

130 98.8 81.9 122.9





#29

Tetrahydrofuran

Concen: 232.464 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

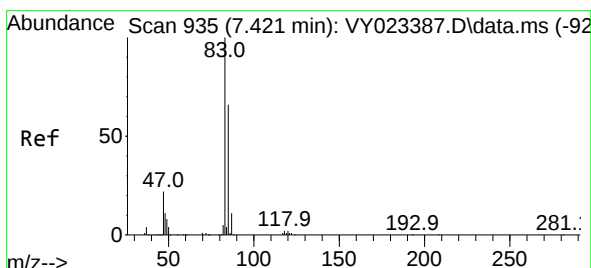
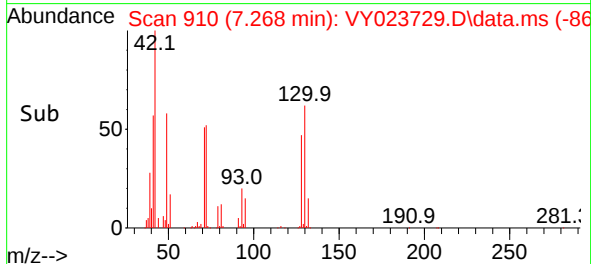
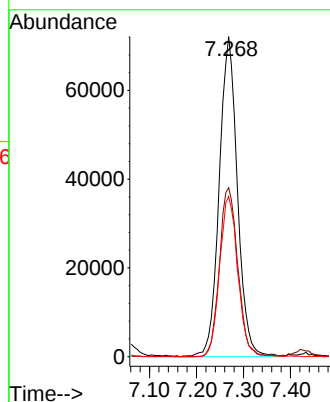
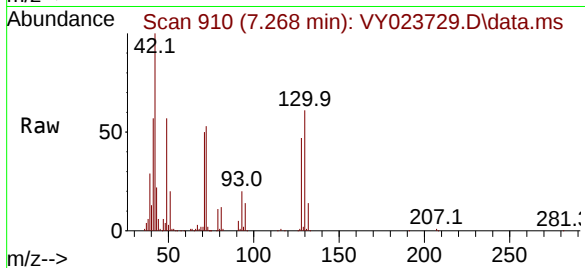
Tgt Ion: 42 Resp: 194527

Ion Ratio Lower Upper

42 100

72 53.4 43.0 64.6

71 50.1 40.1 60.1



#30

Chloroform

Concen: 51.191 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023729.D

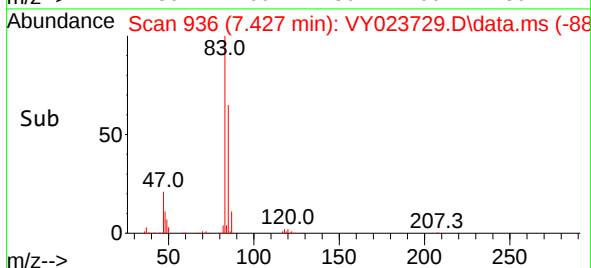
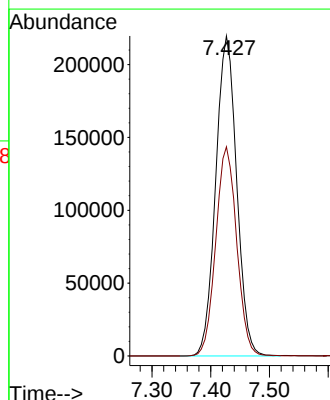
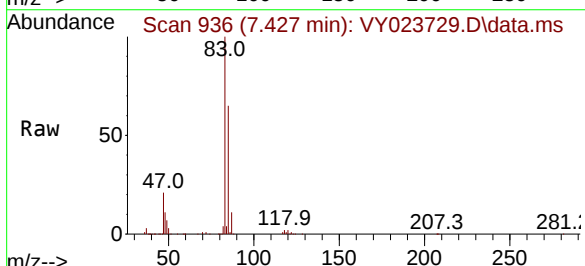
Acq: 11 Nov 2025 10:32

Tgt Ion: 83 Resp: 543952

Ion Ratio Lower Upper

83 100

85 65.4 52.5 78.7

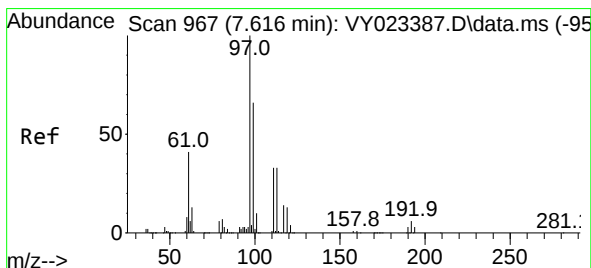
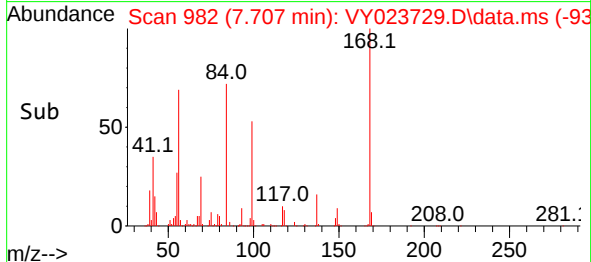
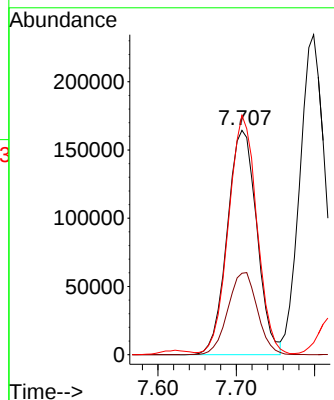
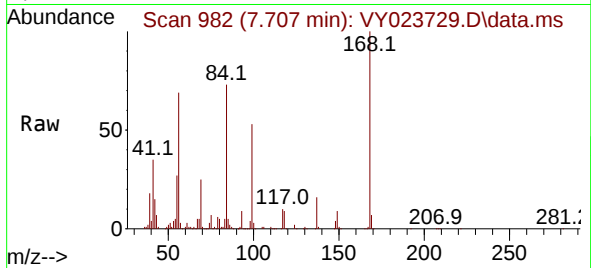




#31
Cyclohexane
Concen: 51.191 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

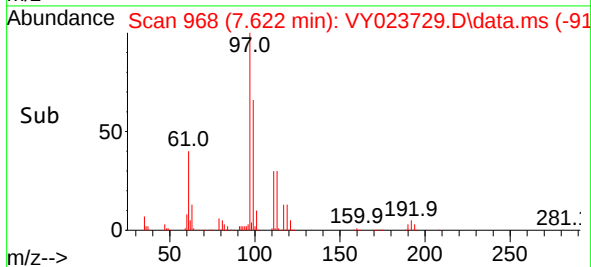
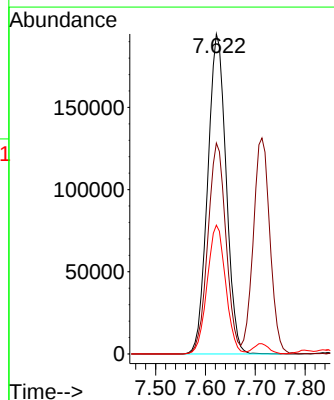
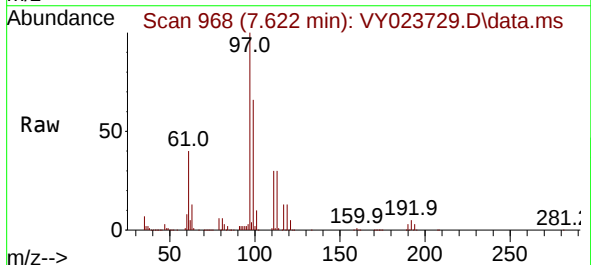
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 432361
Ion Ratio Lower Upper
56 100
69 36.3 30.0 45.0
84 105.0 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 51.814 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 97 Resp: 500342
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 40.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.039 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

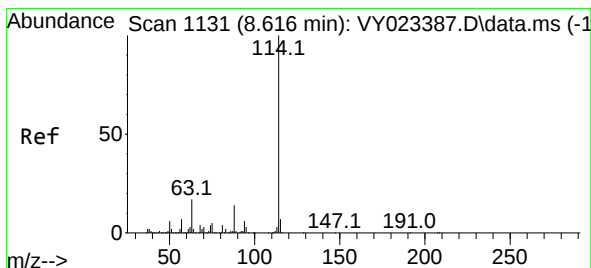
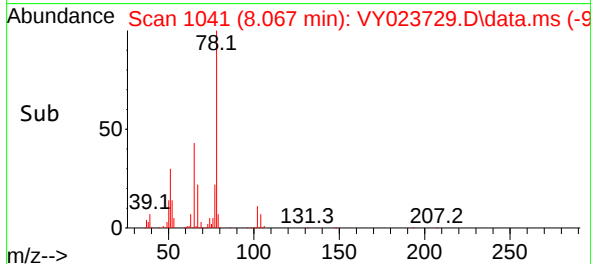
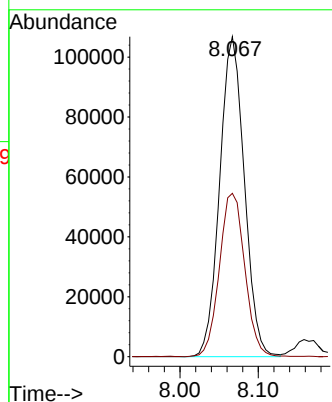
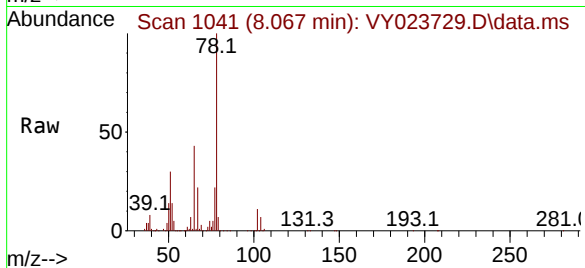
VSTDCCC050

Tgt Ion: 65 Resp: 233750

Ion Ratio Lower Upper

65 100

67 52.6 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: VY023729.D

Acq: 11 Nov 2025 10:32

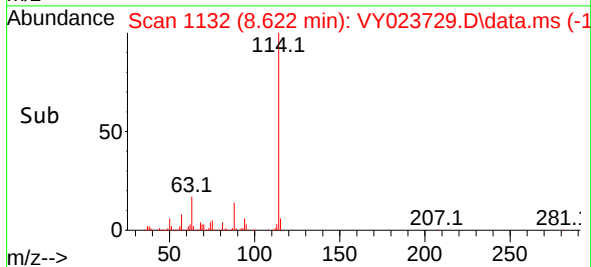
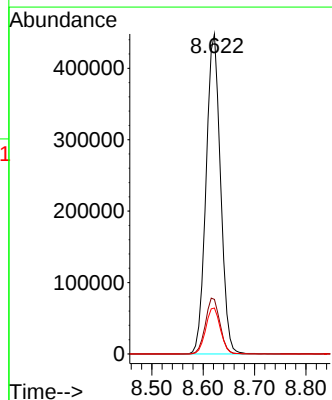
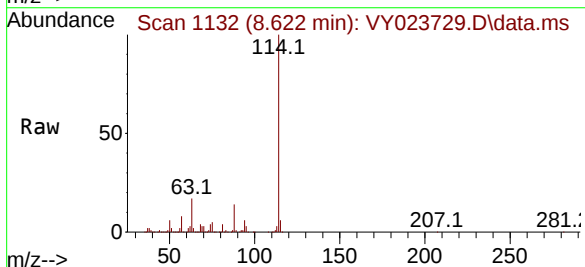
Tgt Ion: 114 Resp: 871900

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.2

88 14.4 0.0 28.4

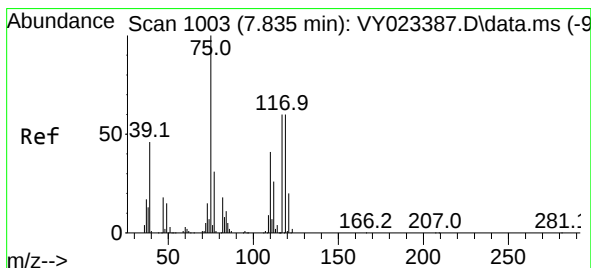
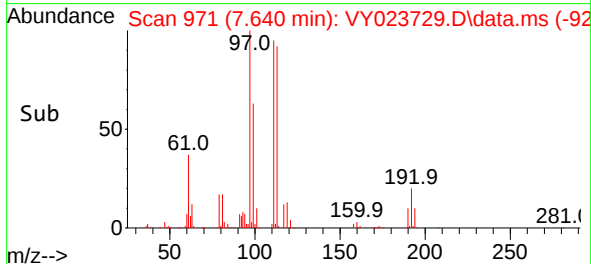
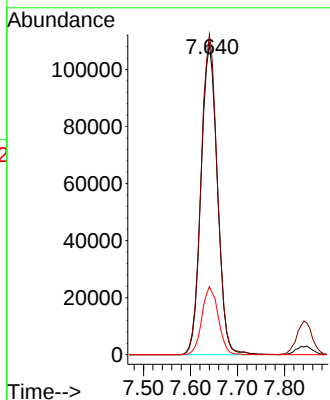
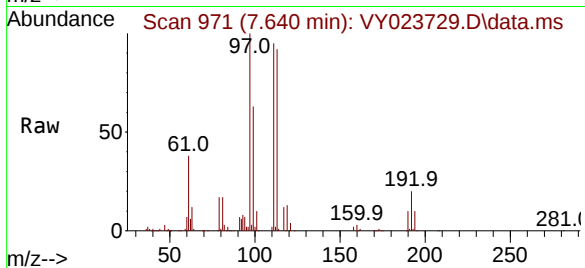




#35
Dibromofluoromethane
Concen: 48.957 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

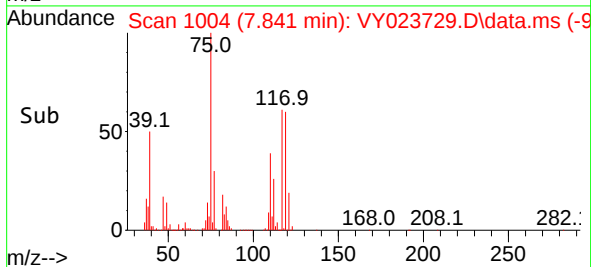
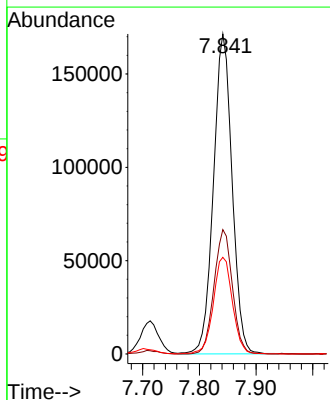
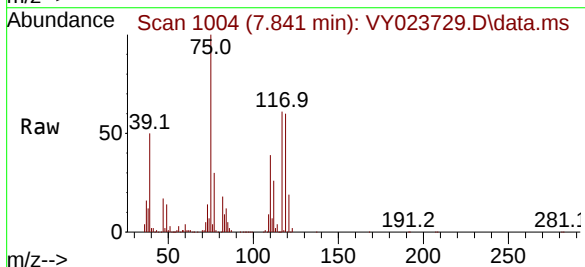
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

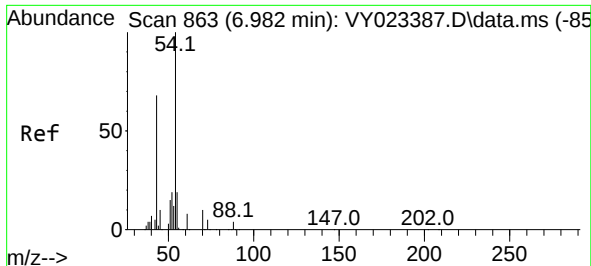
Tgt Ion:113 Resp: 262283
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 21.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 55.179 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 75 Resp: 391364
Ion Ratio Lower Upper
75 100
110 38.3 19.9 59.7
77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 50.983 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

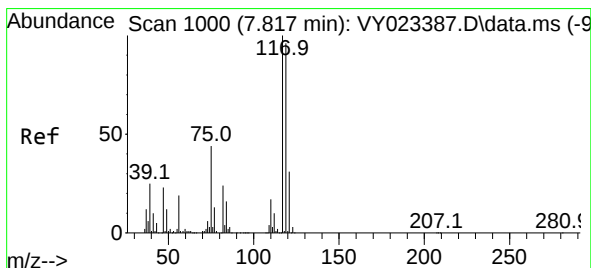
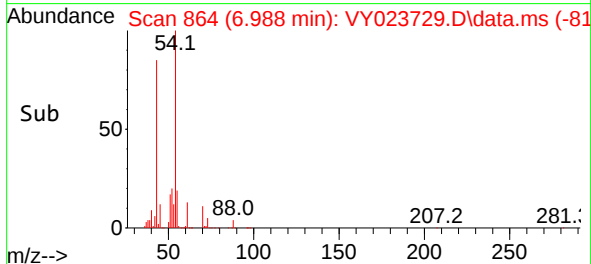
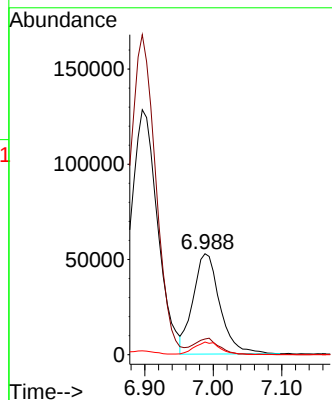
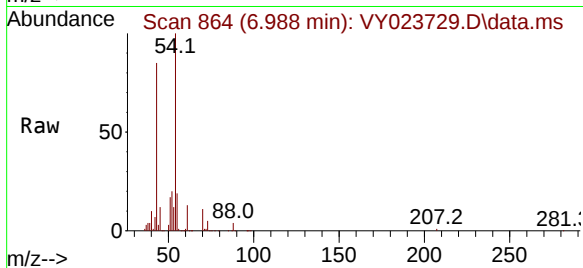
Tgt Ion: 43 Resp: 143259

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.8

70 12.4 10.5 15.7



#38

Carbon Tetrachloride

Concen: 53.375 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

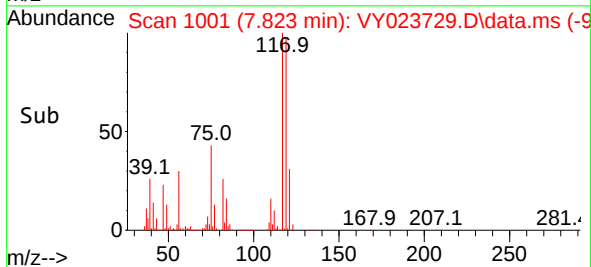
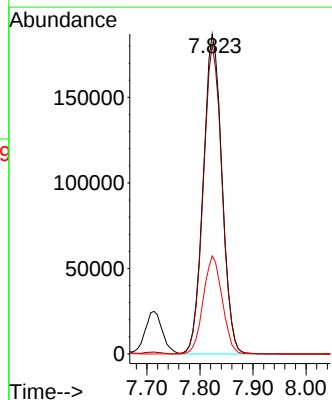
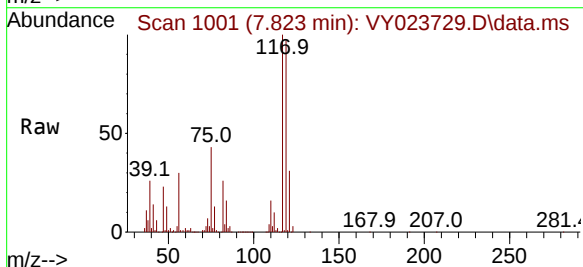
Tgt Ion: 117 Resp: 459041

Ion Ratio Lower Upper

117 100

119 96.8 76.8 115.2

121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 56.104 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

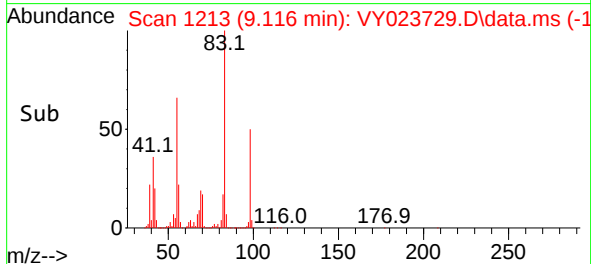
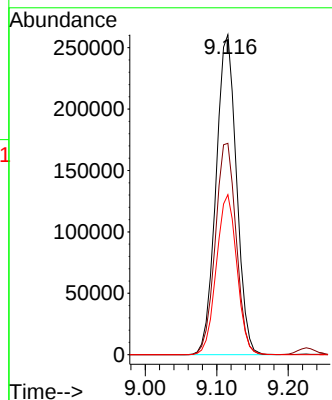
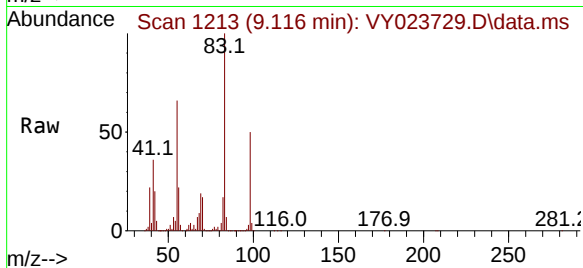
Tgt Ion: 83 Resp: 518108

Ion Ratio Lower Upper

83 100

55 66.1 51.4 77.2

98 50.0 40.4 60.6



#40

Benzene

Concen: 52.578 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023729.D

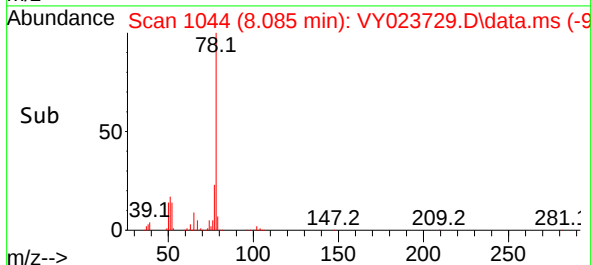
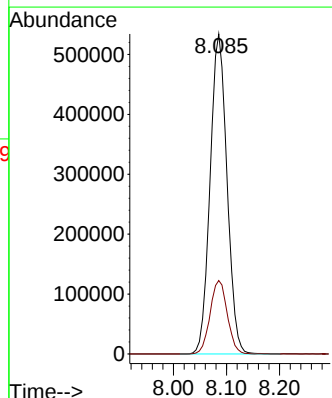
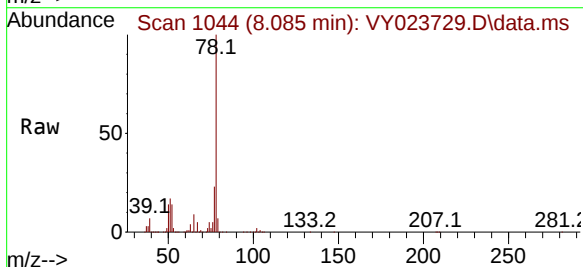
Acq: 11 Nov 2025 10:32

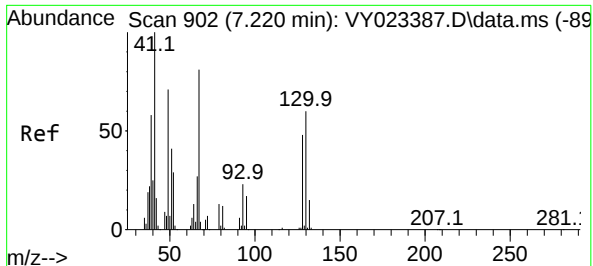
Tgt Ion: 78 Resp: 1181008

Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5



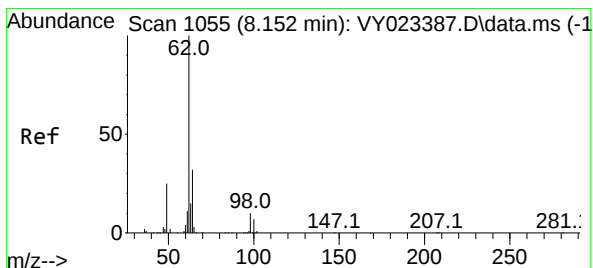
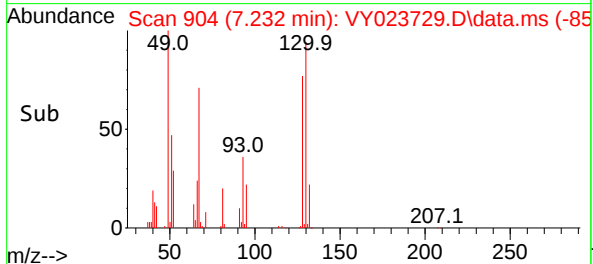
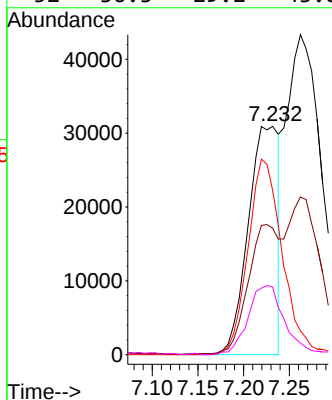
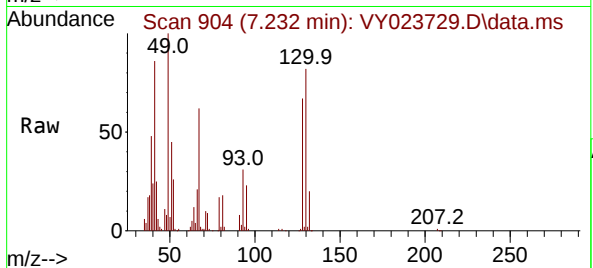


#41
Methacrylonitrile
Concen: 47.458 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 72123

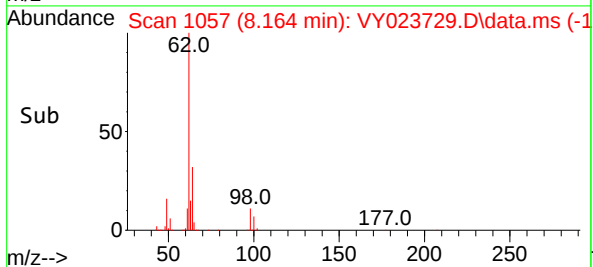
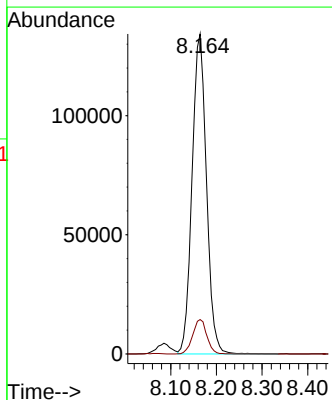
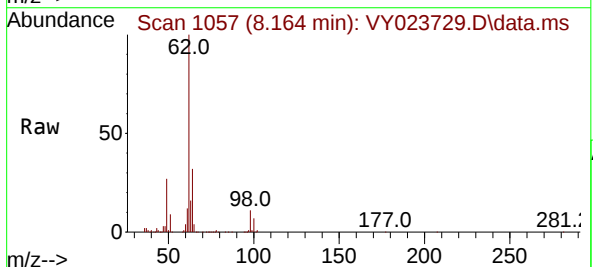
Ion	Ratio	Lower	Upper
41	100		
39	64.0	52.2	78.4
67	96.6	74.9	112.3
52	36.3	29.2	43.8

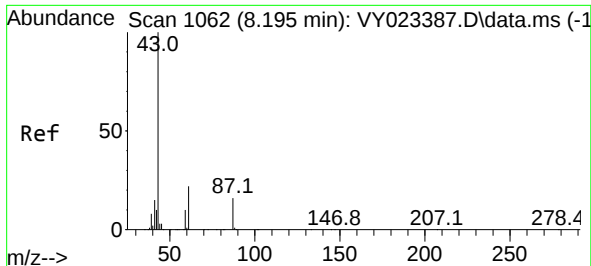


#42
1,2-Dichloroethane
Concen: 50.604 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 62 Resp: 293146

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.6

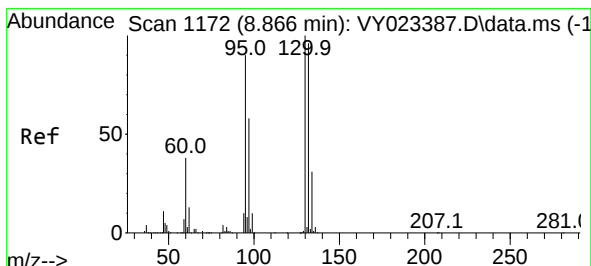
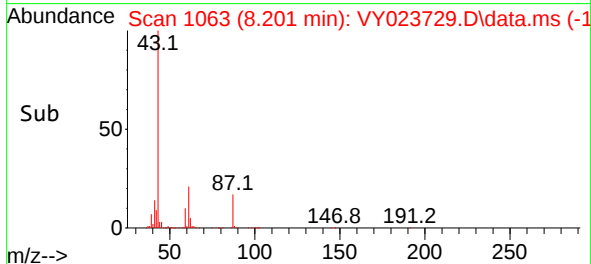
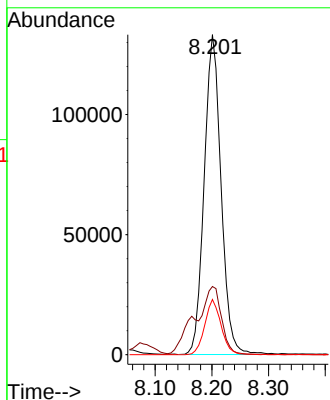
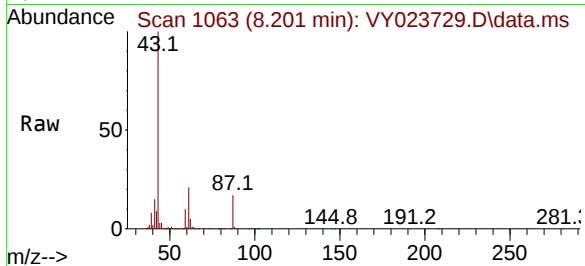




#43
Isopropyl Acetate
Concen: 49.232 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

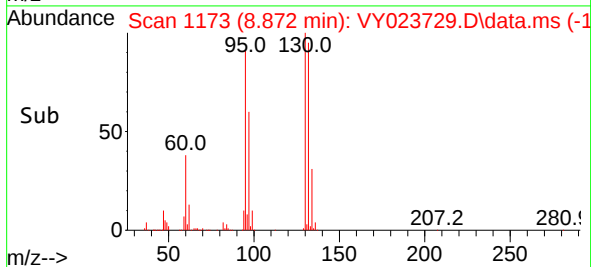
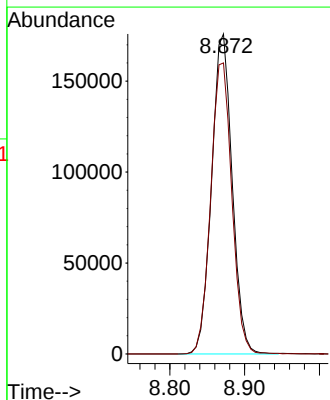
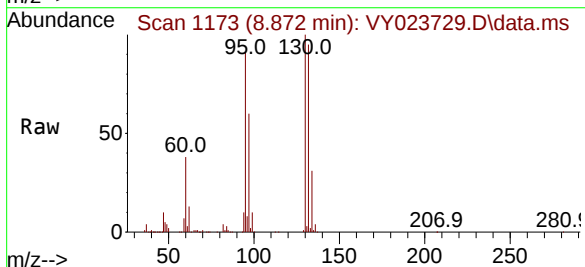
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

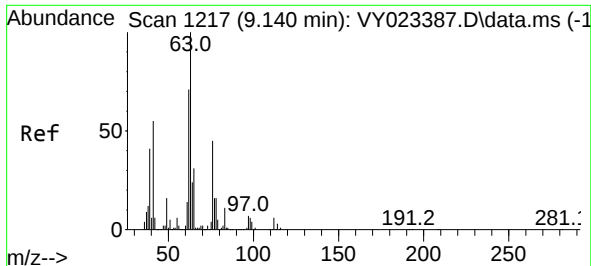
Tgt Ion: 43 Resp: 275845
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 16.7 13.5 20.3



#44
Trichloroethene
Concen: 51.352 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:130 Resp: 337603
Ion Ratio Lower Upper
130 100
95 90.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 52.838 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

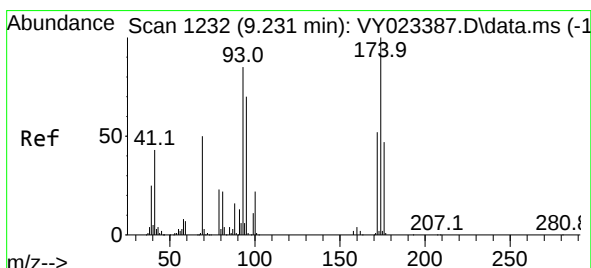
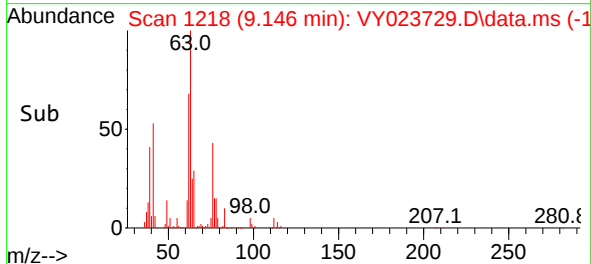
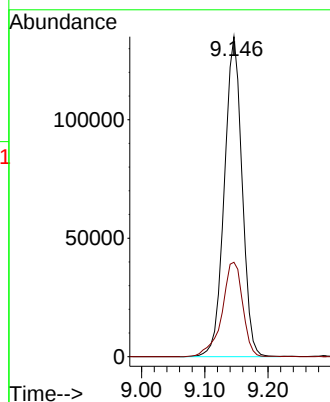
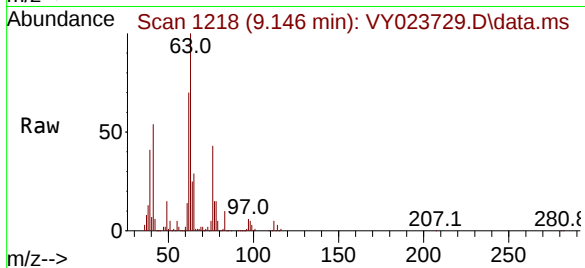
VSTDCCC050

Tgt Ion: 63 Resp: 262143

Ion Ratio Lower Upper

63 100

65 29.5 24.9 37.3



#46

Dibromomethane

Concen: 49.789 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

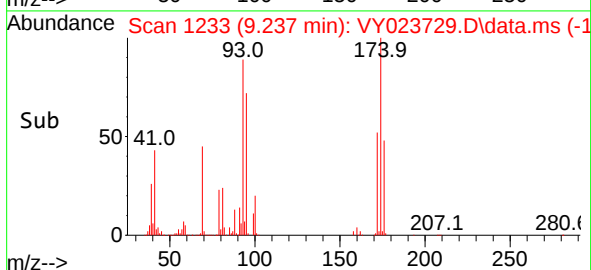
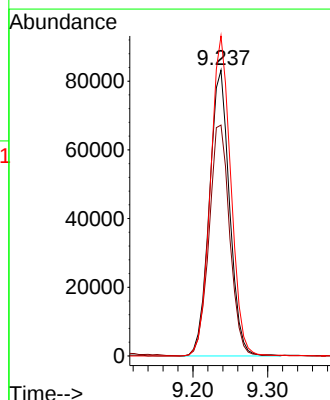
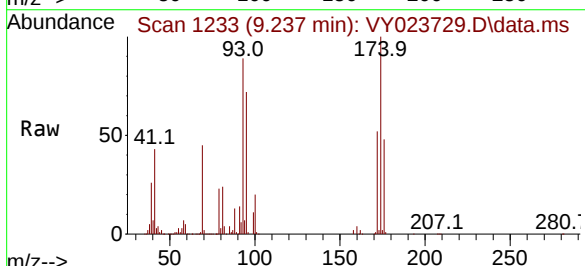
Tgt Ion: 93 Resp: 156197

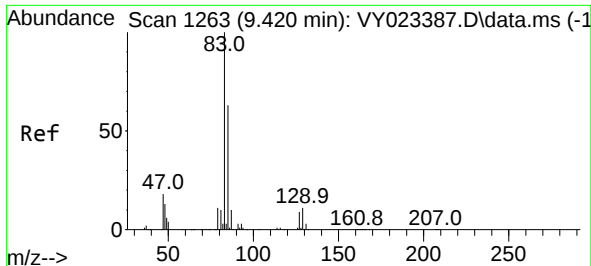
Ion Ratio Lower Upper

93 100

95 82.6 65.4 98.0

174 113.1 92.9 139.3

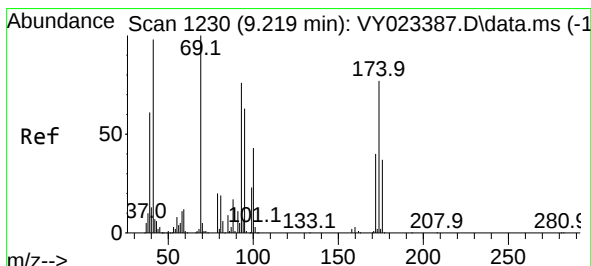
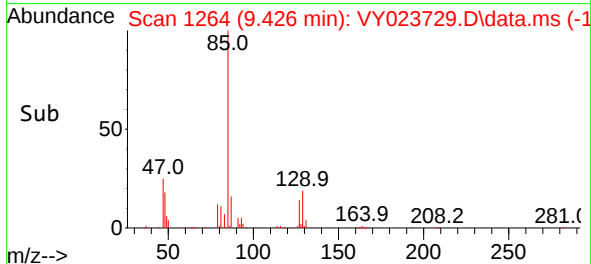
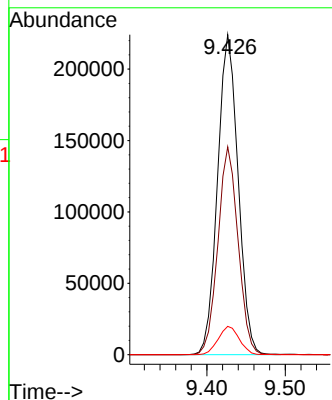
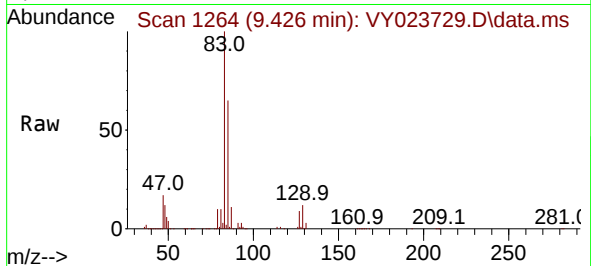




#47
Bromodichloromethane
Concen: 51.747 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

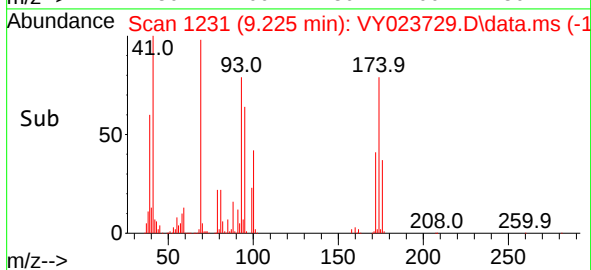
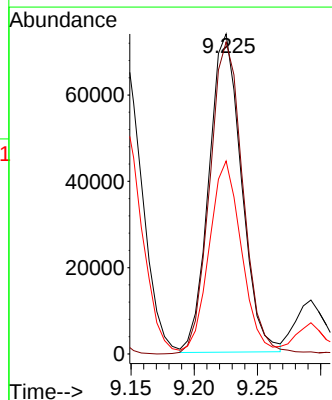
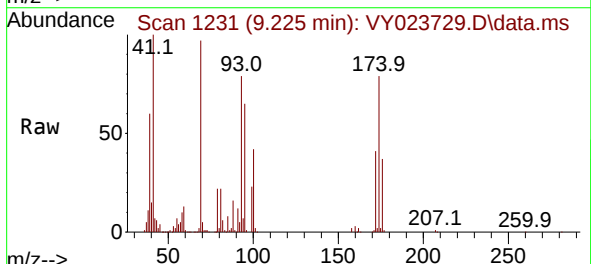
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 408855
Ion Ratio Lower Upper
83 100
85 64.9 50.8 76.2
127 8.9 7.4 11.2



#48
Methyl methacrylate
Concen: 50.277 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 41 Resp: 132342
Ion Ratio Lower Upper
41 100
69 100.3 81.0 121.4
39 57.7 48.2 72.4





#49

1,4-Dioxane

Concen: 814.997 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

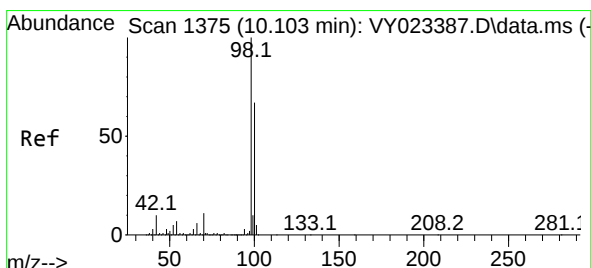
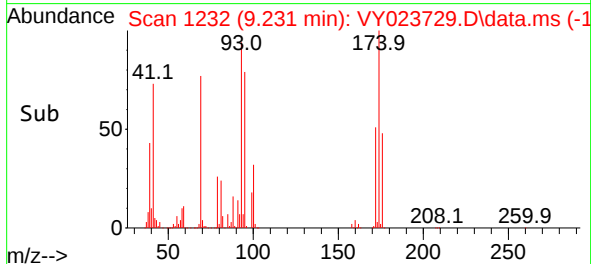
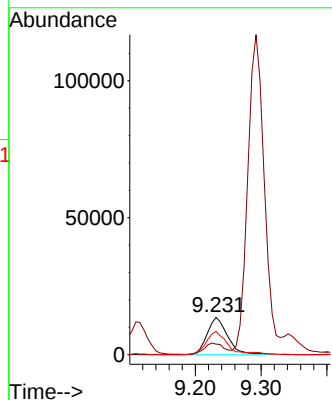
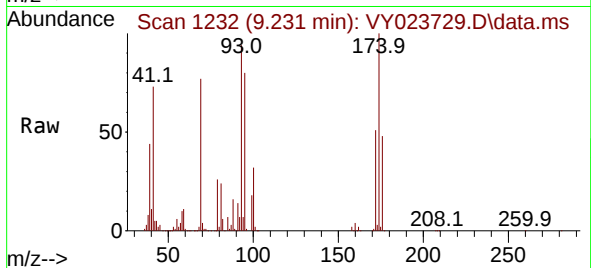
Tgt Ion: 88 Resp: 29644

Ion Ratio Lower Upper

88 100

43 29.7 21.8 32.8

58 60.3 46.8 70.2



#50

Toluene-d8

Concen: 49.805 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023729.D

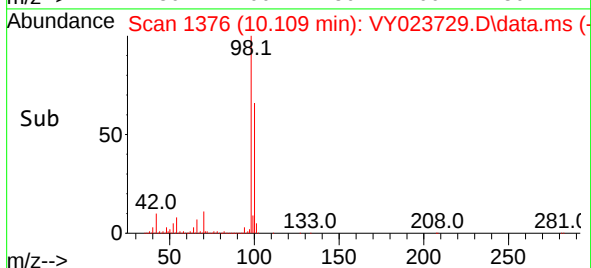
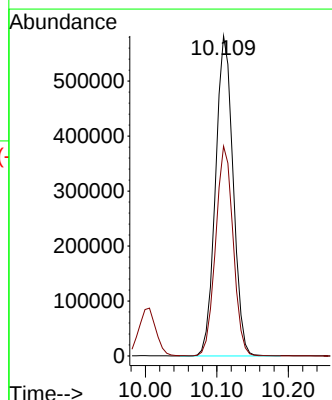
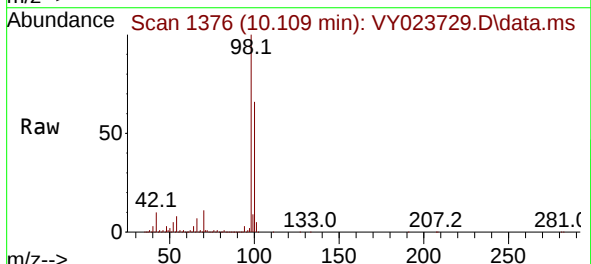
Acq: 11 Nov 2025 10:32

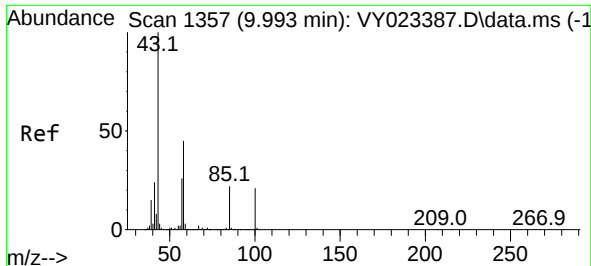
Tgt Ion: 98 Resp: 993689

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 249.686 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

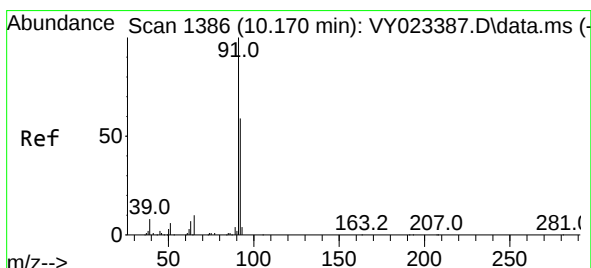
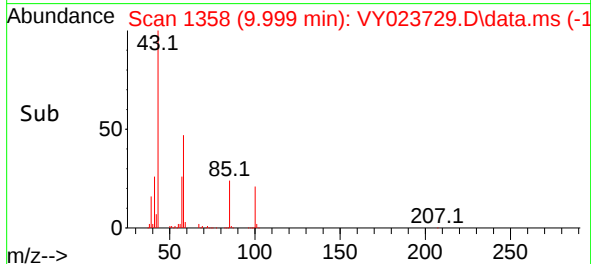
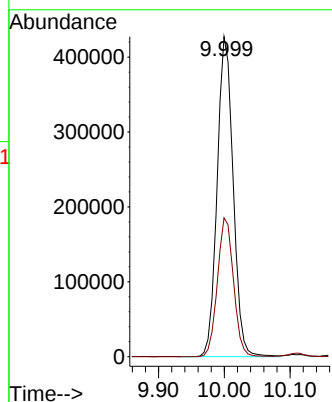
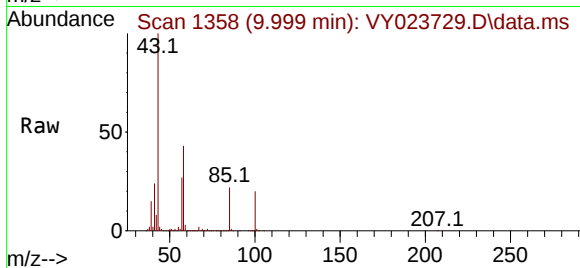
VSTDCCC050

Tgt Ion: 43 Resp: 722815

Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9



#52

Toluene

Concen: 52.946 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023729.D

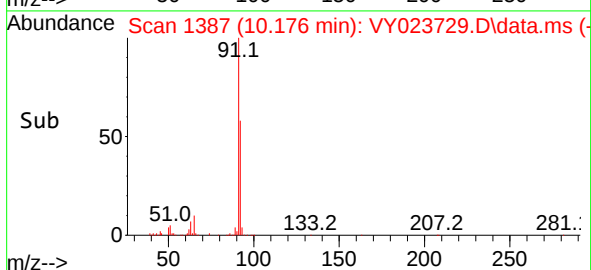
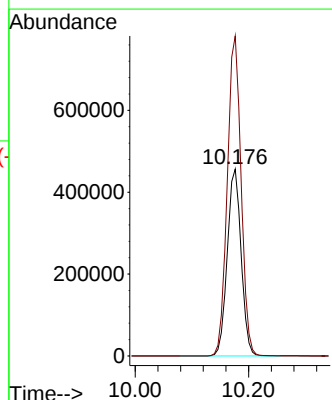
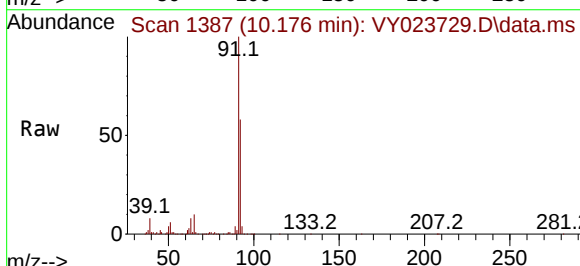
Acq: 11 Nov 2025 10:32

Tgt Ion: 92 Resp: 772167

Ion Ratio Lower Upper

92 100

91 170.7 136.4 204.6

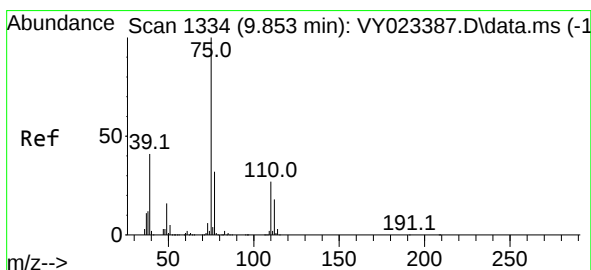
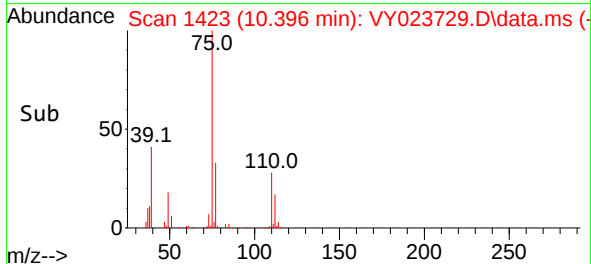
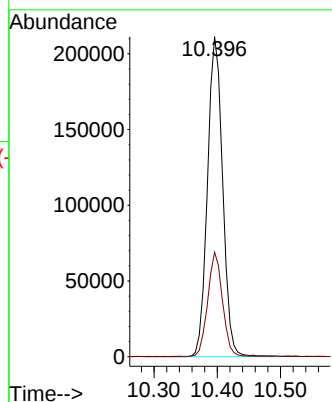
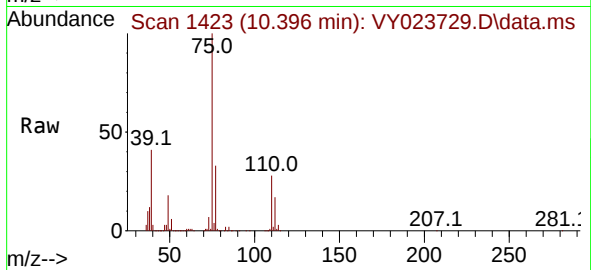




#53
 t-1,3-Dichloropropene
 Concen: 51.312 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

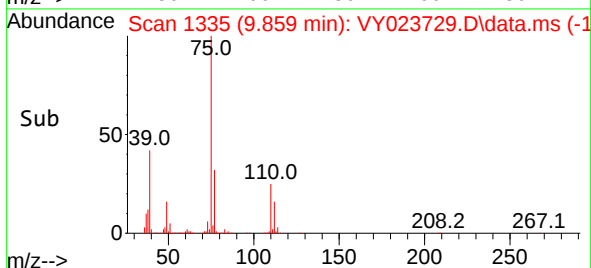
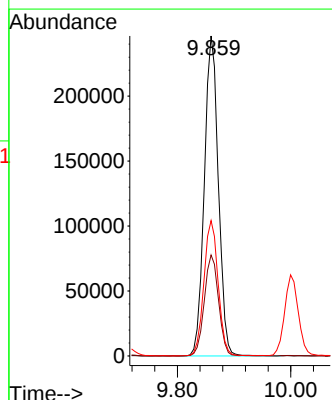
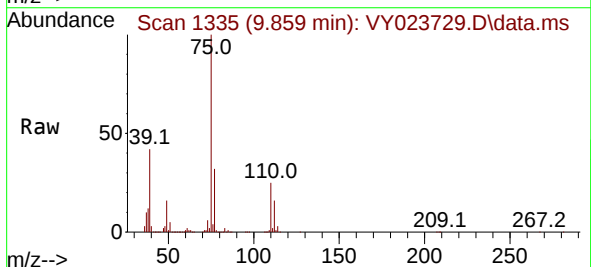
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

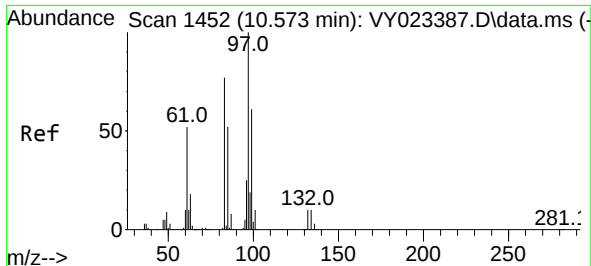
Tgt Ion: 75 Resp: 352522
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.281 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

Tgt Ion: 75 Resp: 423917
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 42.3 32.8 49.2



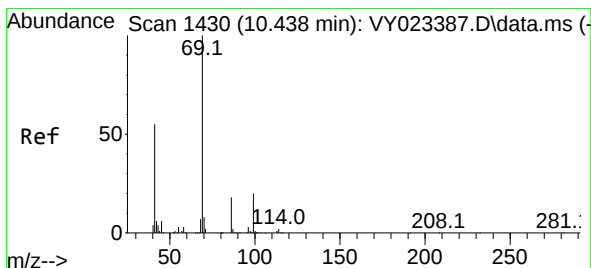
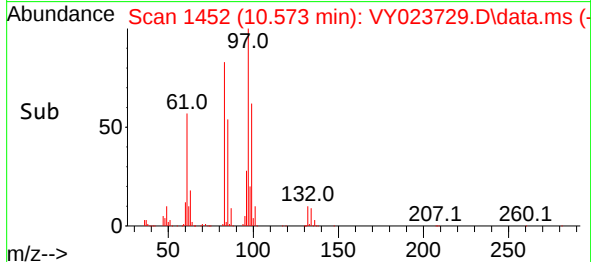
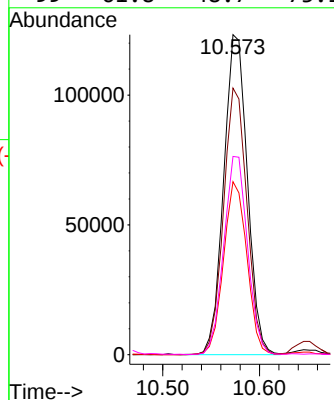
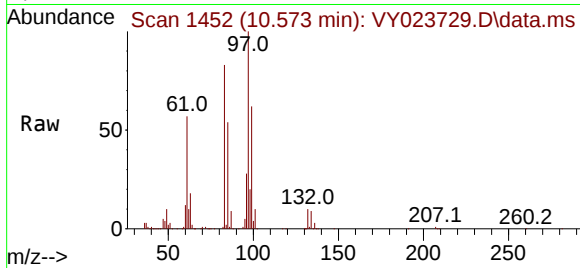


#55
1,1,2-Trichloroethane
Concen: 49.776 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 209990

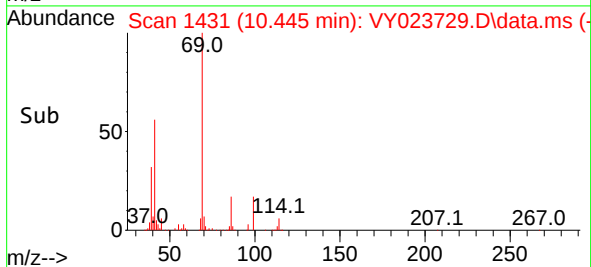
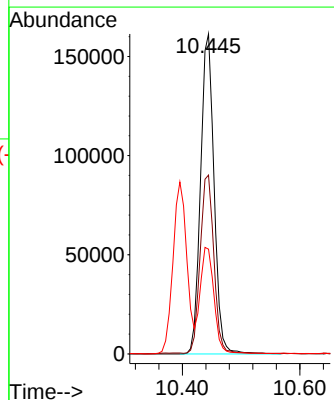
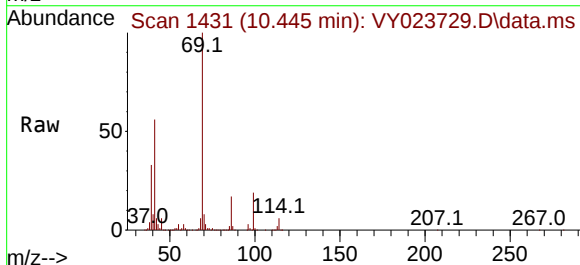
Ion	Ratio	Lower	Upper
97	100		
83	83.3	61.8	92.6
85	54.0	41.3	61.9
99	61.8	48.7	73.1

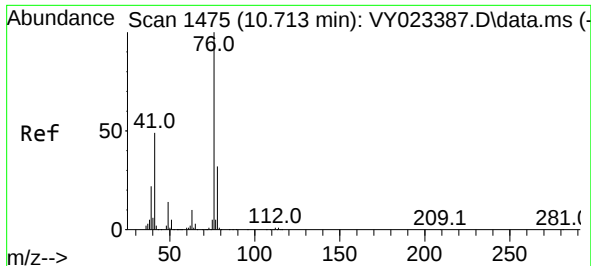


#56
Ethyl methacrylate
Concen: 52.741 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 69 Resp: 256657

Ion	Ratio	Lower	Upper
69	100		
41	56.7	44.6	67.0
39	34.0	27.0	40.4





#57

1,3-Dichloropropane

Concen: 50.316 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

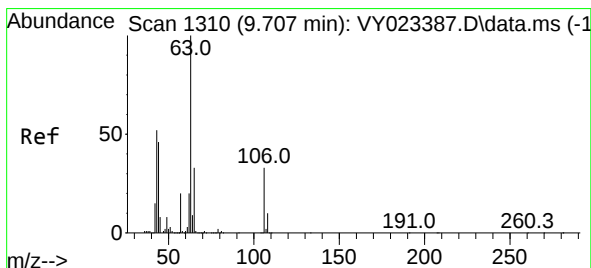
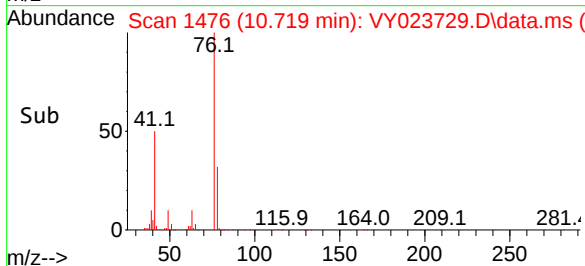
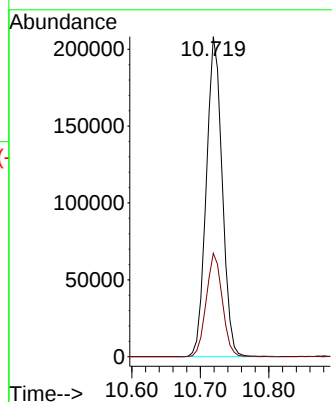
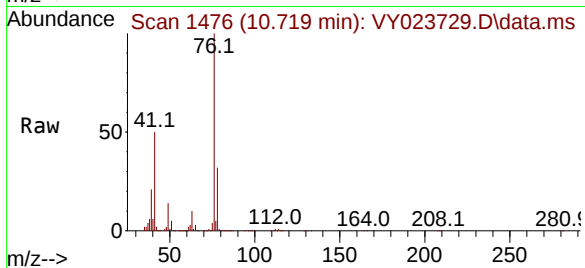
VSTDCCC050

Tgt Ion: 76 Resp: 336364

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 240.566 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023729.D

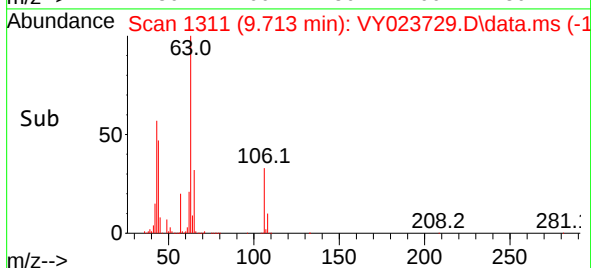
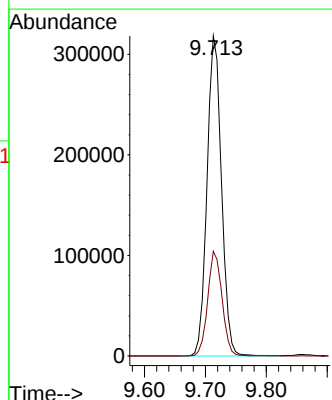
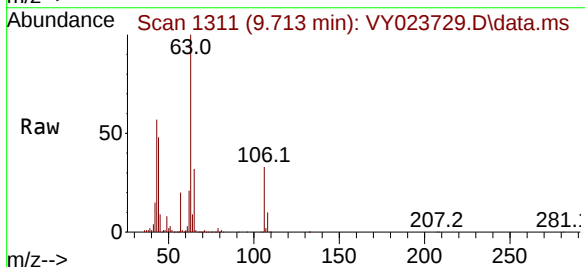
Acq: 11 Nov 2025 10:32

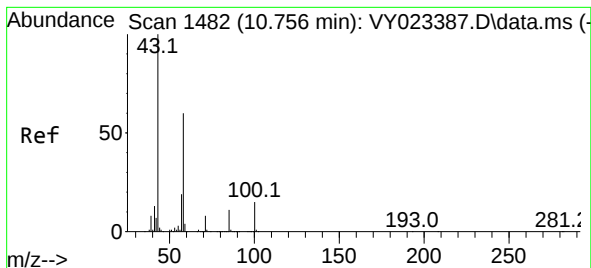
Tgt Ion: 63 Resp: 524432

Ion Ratio Lower Upper

63 100

106 32.4 26.6 39.8

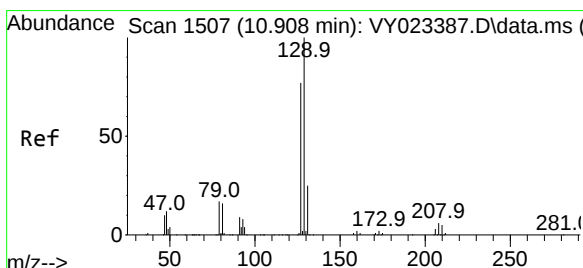
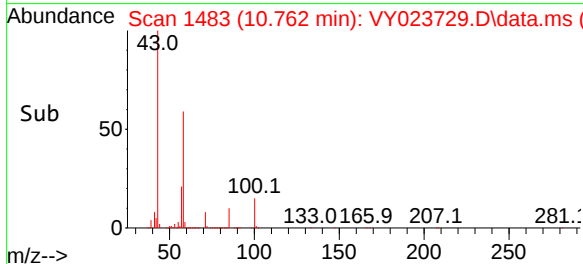
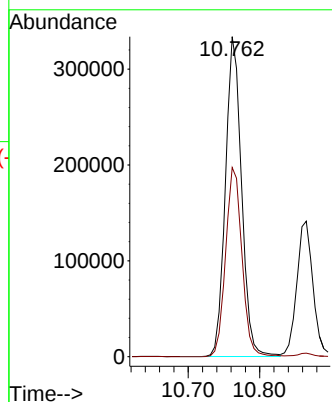
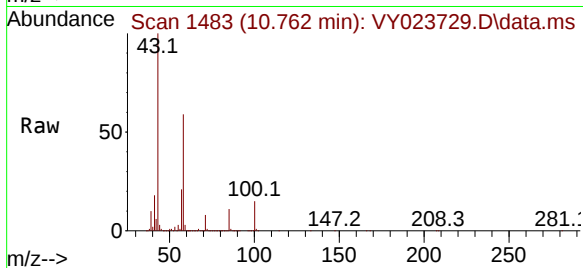




#59
2-Hexanone
Concen: 252.738 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

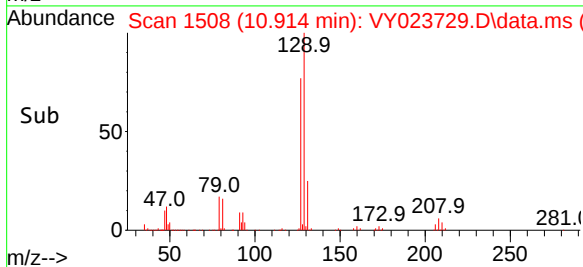
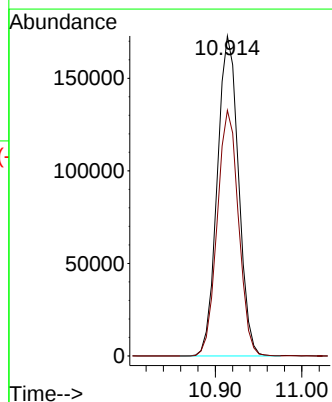
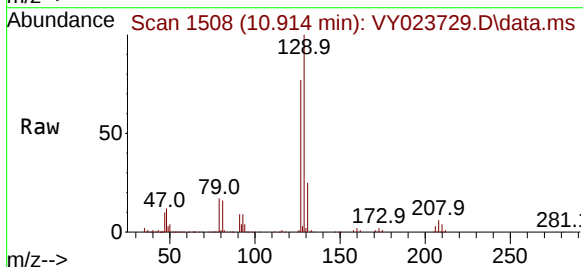
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

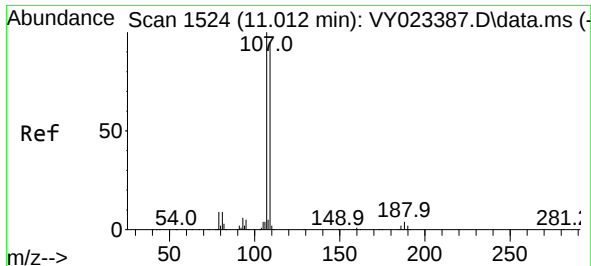
Tgt Ion: 43 Resp: 522869
Ion Ratio Lower Upper
43 100
58 60.0 30.5 91.5



#60
Dibromochloromethane
Concen: 49.809 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 129 Resp: 294606
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

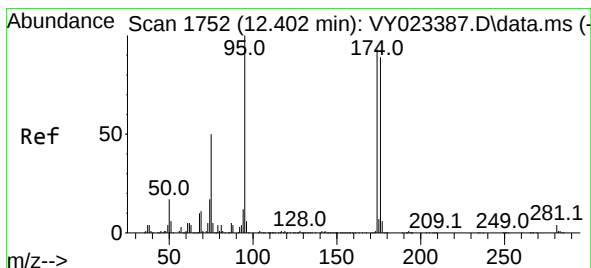
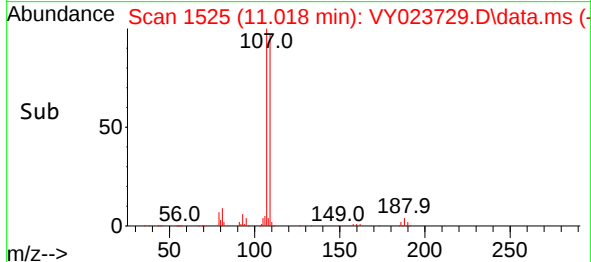
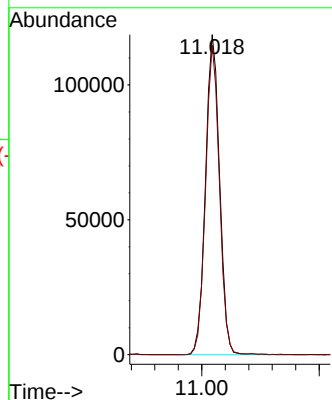
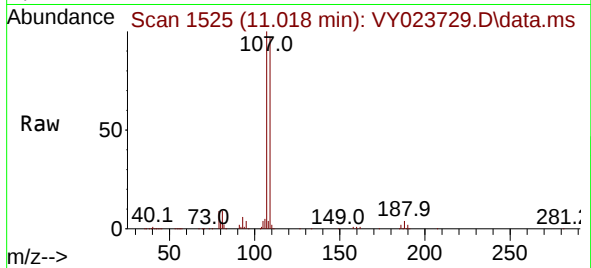




#61
1,2-Dibromoethane
Concen: 49.137 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

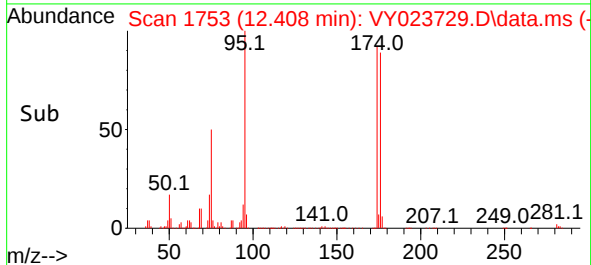
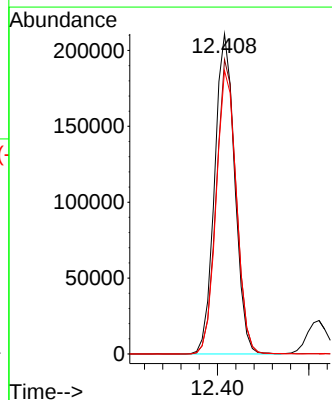
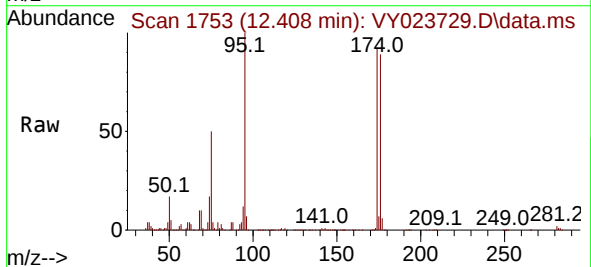
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

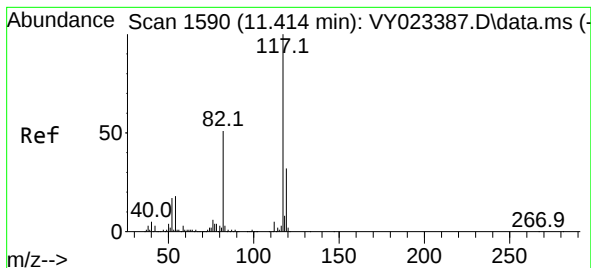
Tgt Ion:107 Resp: 197695
Ion Ratio Lower Upper
107 100
109 94.8 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.837 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 95 Resp: 321686
Ion Ratio Lower Upper
95 100
174 91.5 0.0 192.8
176 89.3 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

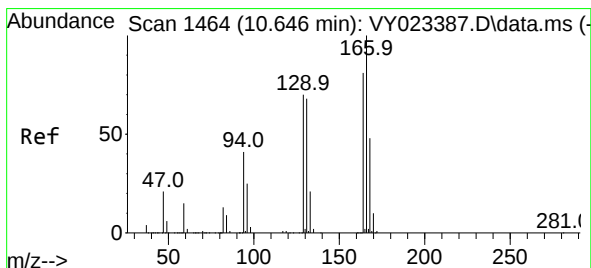
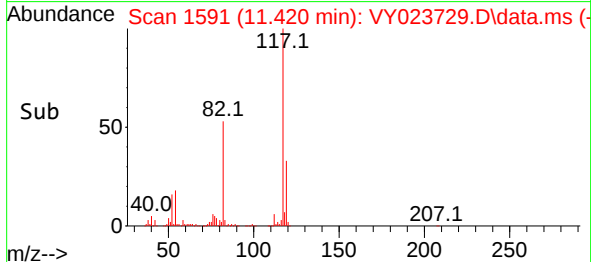
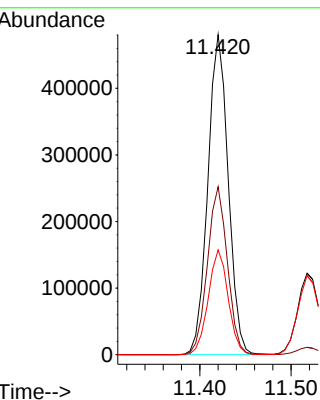
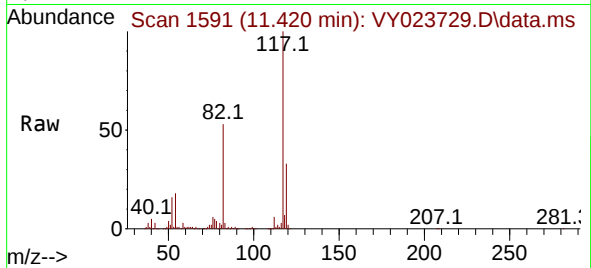
Tgt Ion:117 Resp: 745460

Ion Ratio Lower Upper

117 100

82 52.5 41.0 61.4

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 50.823 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Tgt Ion:164 Resp: 391196

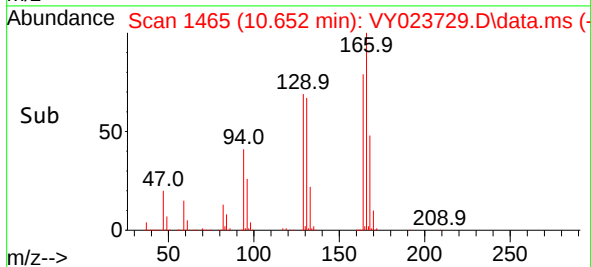
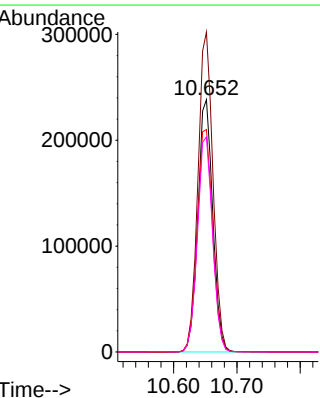
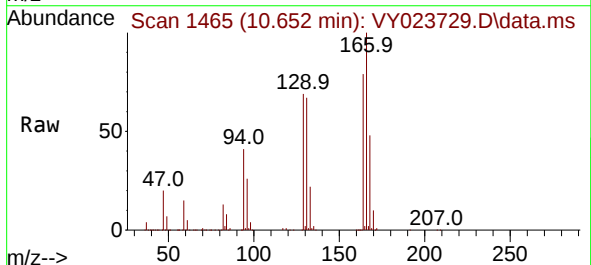
Ion Ratio Lower Upper

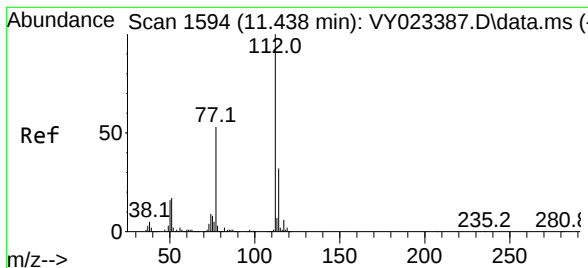
164 100

166 126.8 99.4 149.0

129 88.1 69.4 104.2

131 85.2 67.5 101.3





#65

Chlorobenzene

Concen: 51.906 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

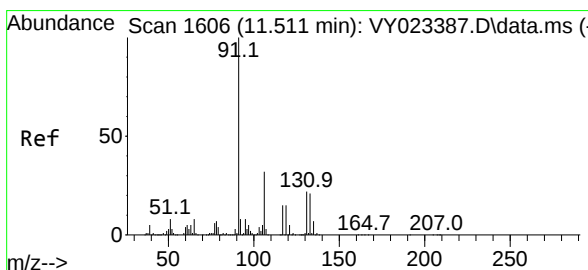
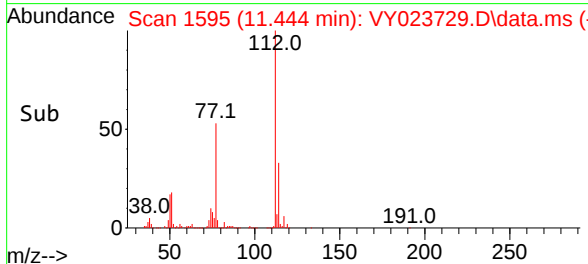
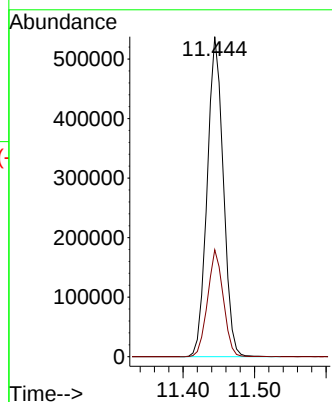
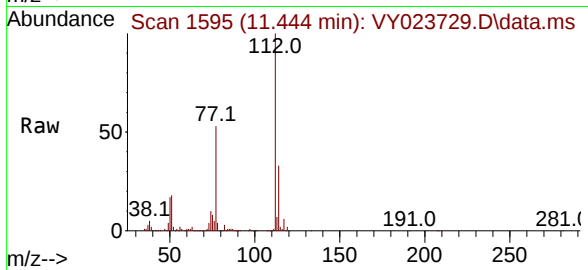
VSTDCCC050

Tgt Ion:112 Resp: 841574

Ion Ratio Lower Upper

112 100

114 33.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.657 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

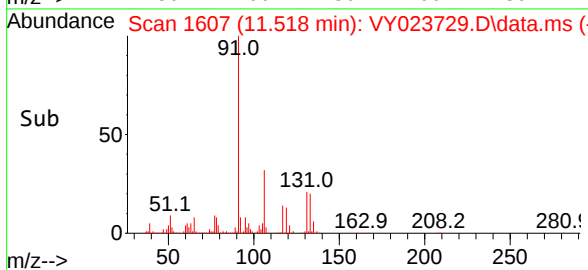
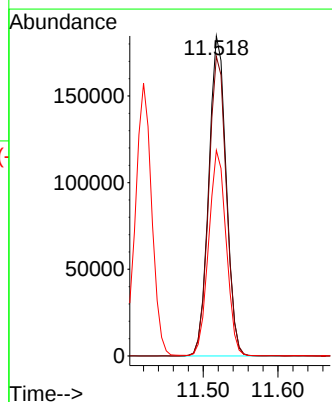
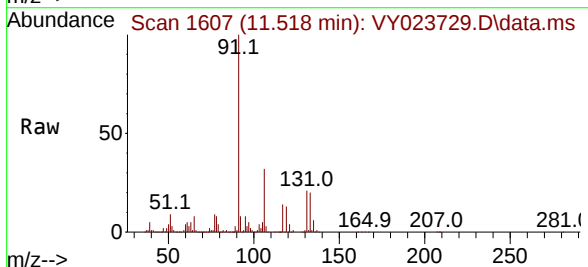
Tgt Ion:131 Resp: 298460

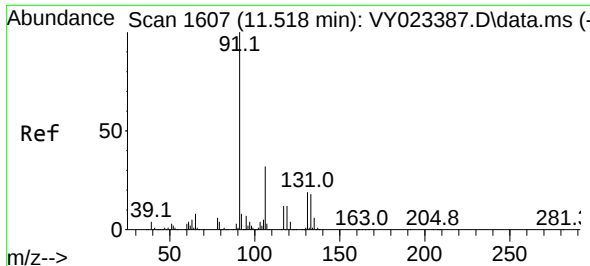
Ion Ratio Lower Upper

131 100

133 95.1 48.4 145.2

119 64.8 32.4 97.2





#67

Ethyl Benzene

Concen: 55.557 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

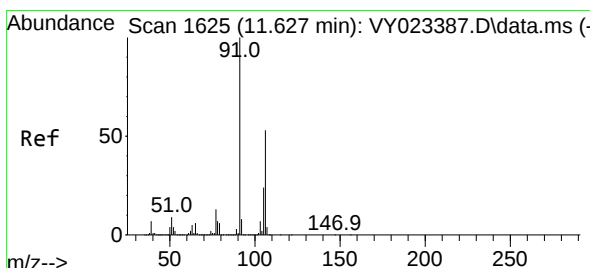
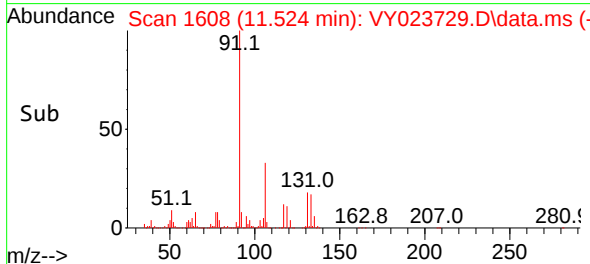
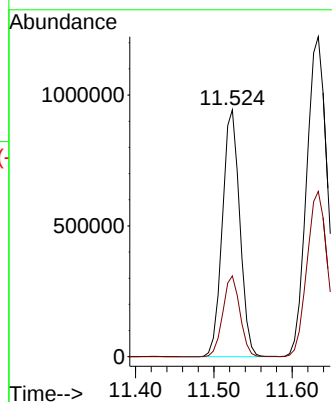
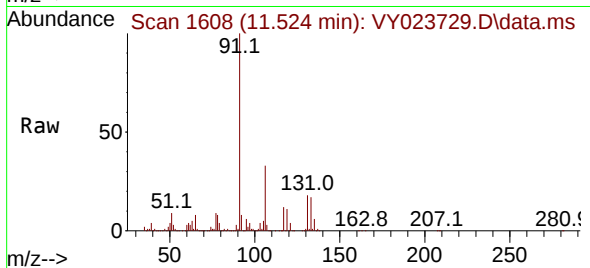
VSTDCCC050

Tgt Ion: 91 Resp: 1458060

Ion Ratio Lower Upper

91 100

106 32.7 25.8 38.8



#68

m/p-Xylenes

Concen: 108.565 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023729.D

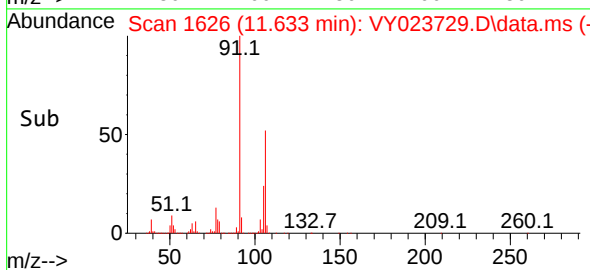
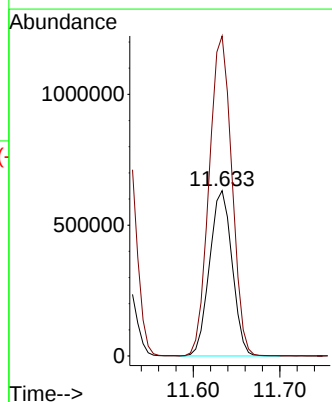
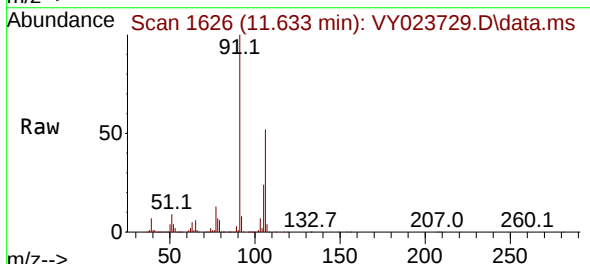
Acq: 11 Nov 2025 10:32

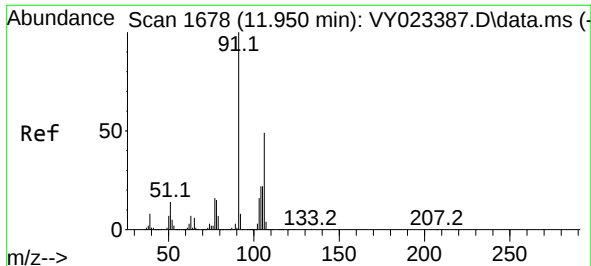
Tgt Ion:106 Resp: 1142823

Ion Ratio Lower Upper

106 100

91 195.4 152.6 229.0

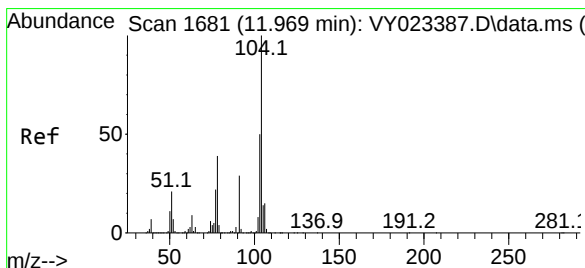
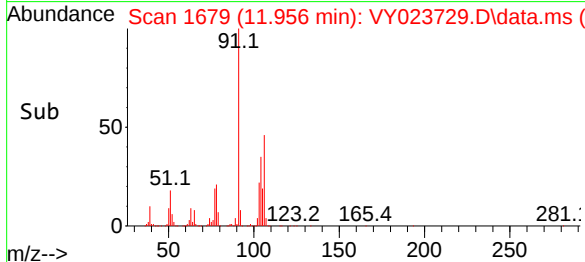
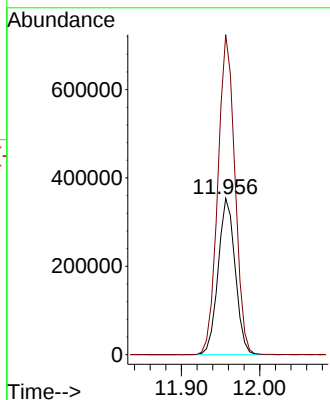
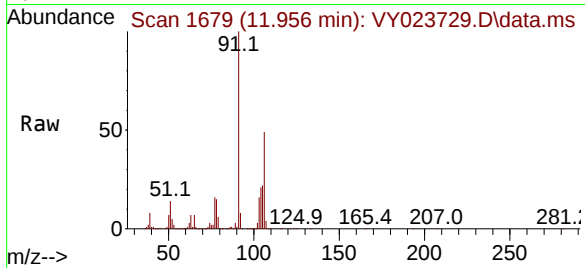




#69
o-Xylene
Concen: 54.293 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

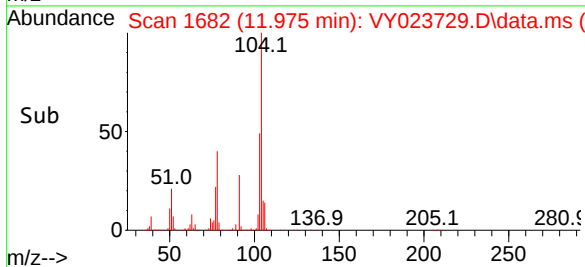
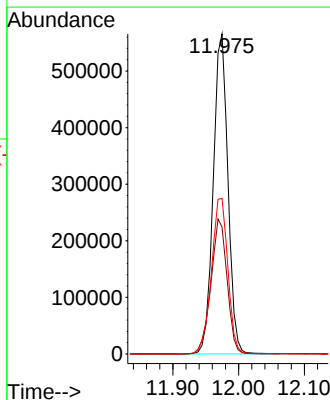
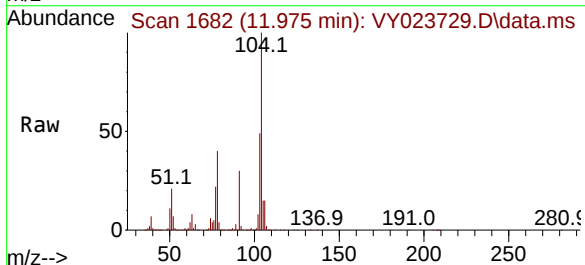
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

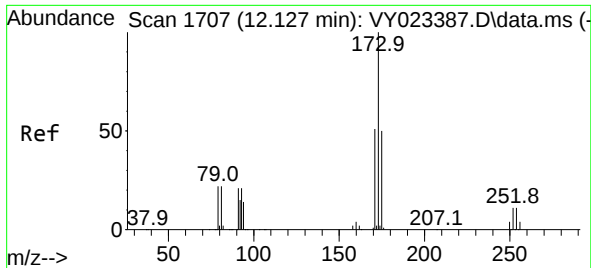
Tgt Ion:106 Resp: 536066
Ion Ratio Lower Upper
106 100
91 205.1 101.4 304.1



#70
Styrene
Concen: 54.037 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:104 Resp: 877387
Ion Ratio Lower Upper
104 100
78 46.3 36.1 54.1
103 54.6 43.2 64.8

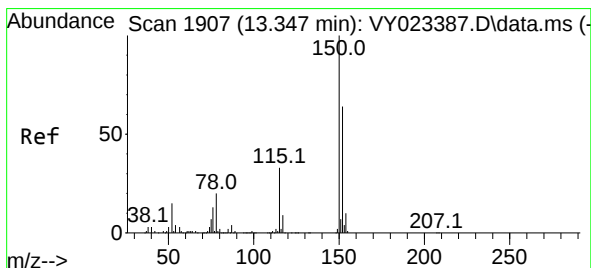
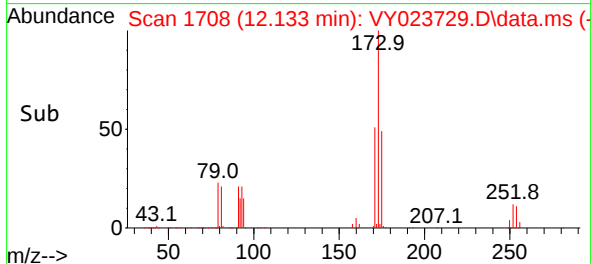
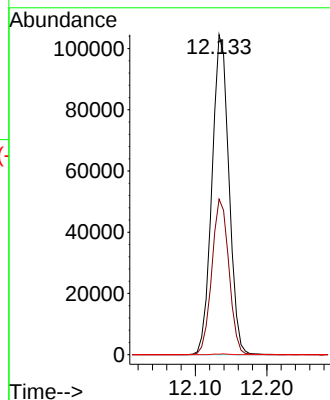
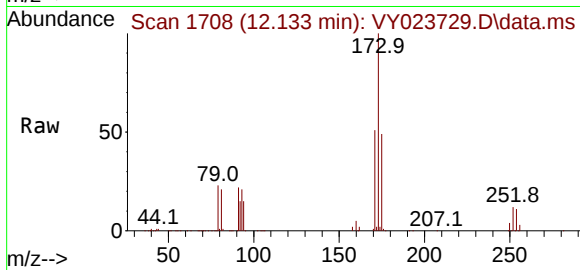




#71
Bromoform
Concen: 47.987 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

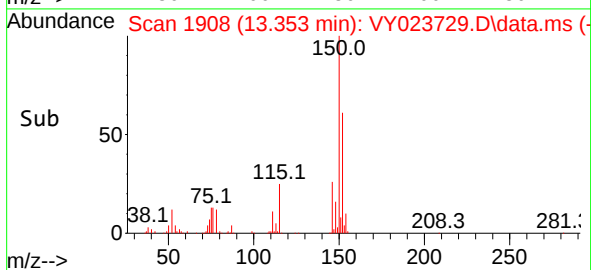
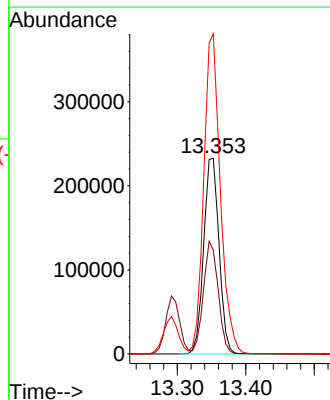
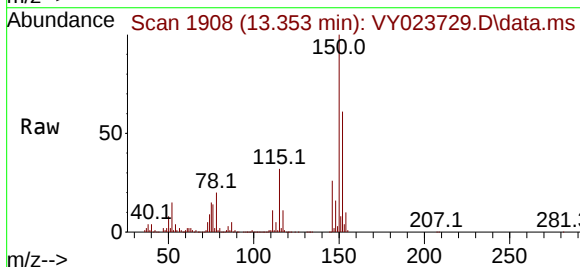
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

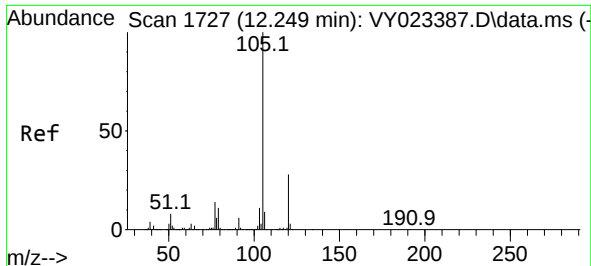
Tgt Ion:173 Resp: 171978
Ion Ratio Lower Upper
173 100
175 48.9 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:152 Resp: 363998
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.2
150 176.0 0.0 347.4

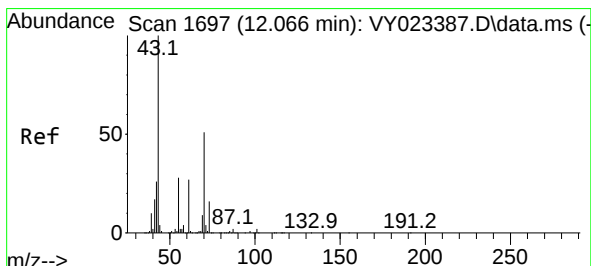
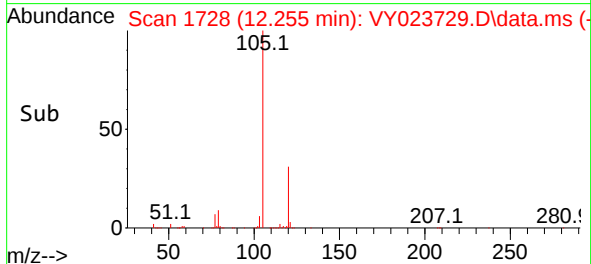
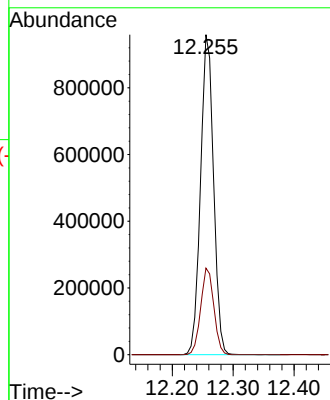
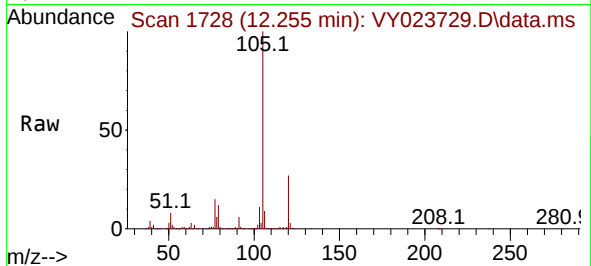




#73
Isopropylbenzene
Concen: 59.283 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

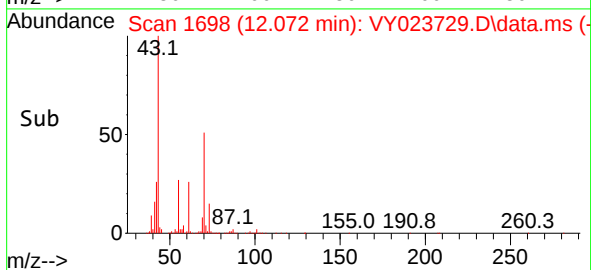
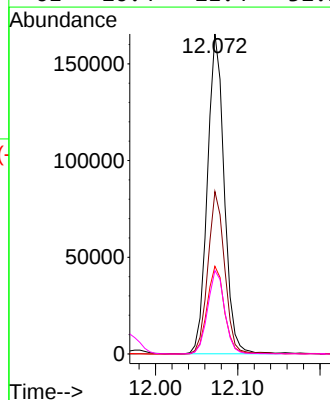
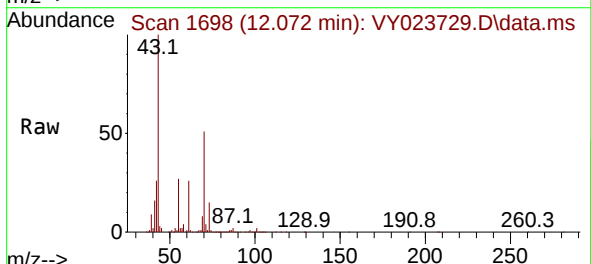
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

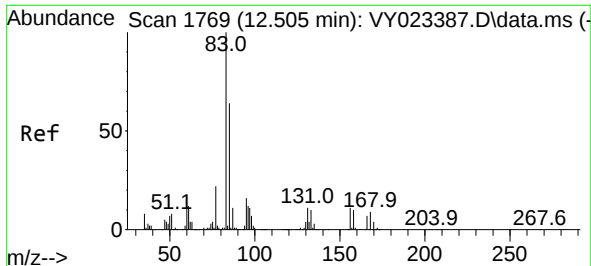
Tgt Ion:105 Resp: 1422064
Ion Ratio Lower Upper
105 100
120 27.3 13.9 41.7



#74
N-ethyl acetate
Concen: 54.344 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 43 Resp: 234147
Ion Ratio Lower Upper
43 100
70 50.7 41.1 61.7
55 28.1 23.0 34.6
61 26.4 21.4 32.2

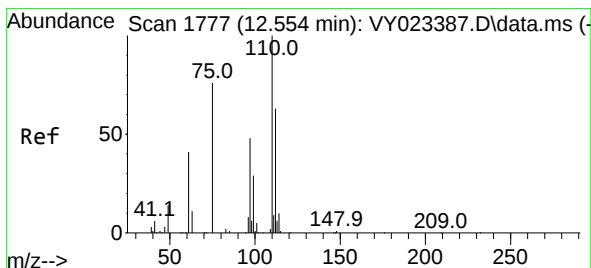
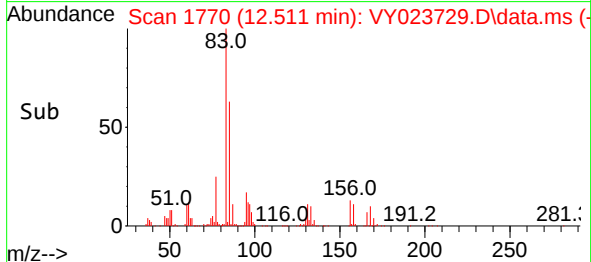
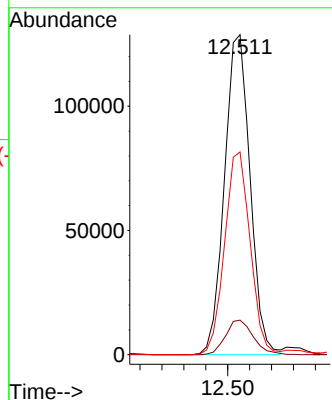
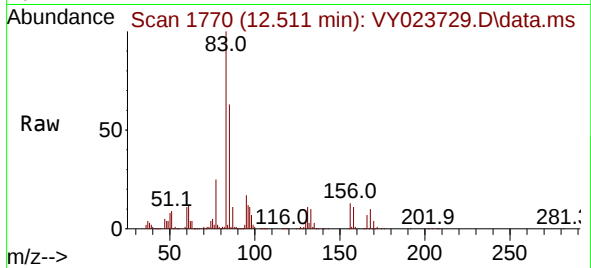




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.266 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

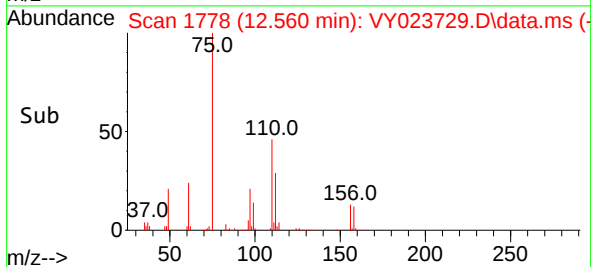
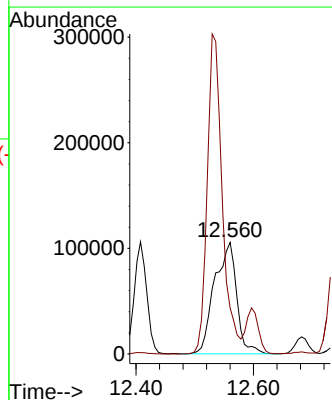
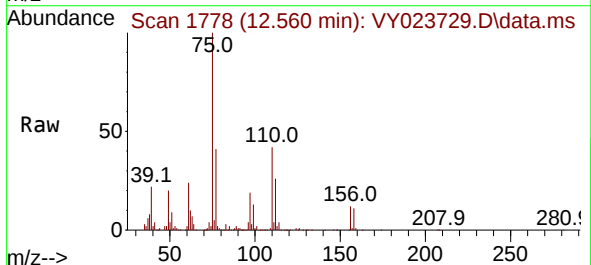
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

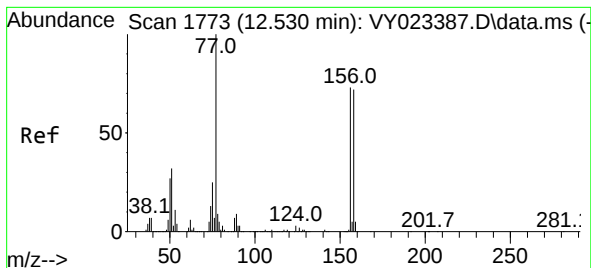
Tgt Ion: 83 Resp: 208984
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.9 17.6
 85 63.4 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 86.222 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

Tgt Ion: 75 Resp: 276897
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.249 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

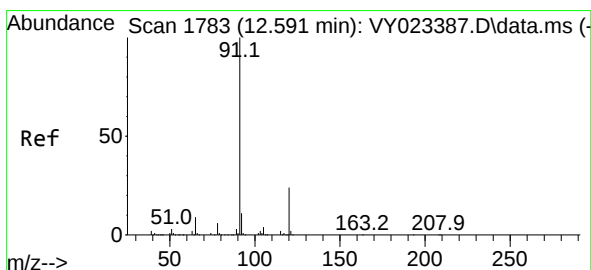
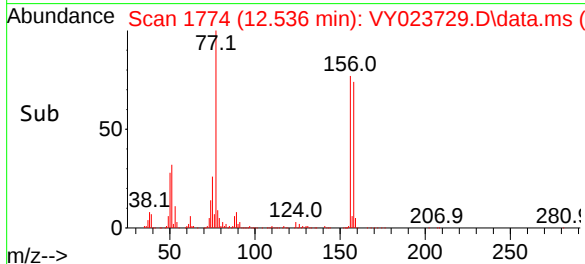
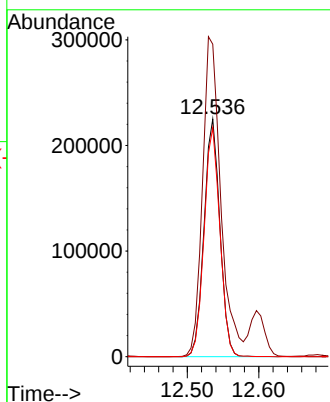
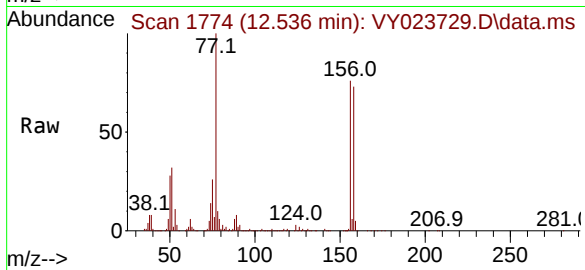
Tgt Ion:156 Resp: 345959

Ion Ratio Lower Upper

156 100

77 155.6 76.8 230.5

158 96.4 49.0 147.2



#78

n-propylbenzene

Concen: 59.575 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023729.D

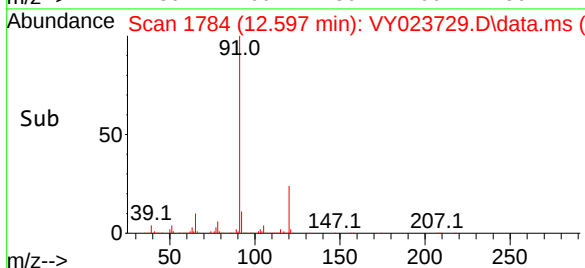
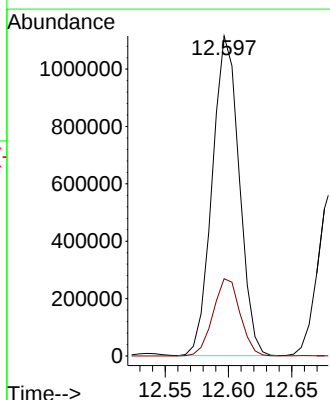
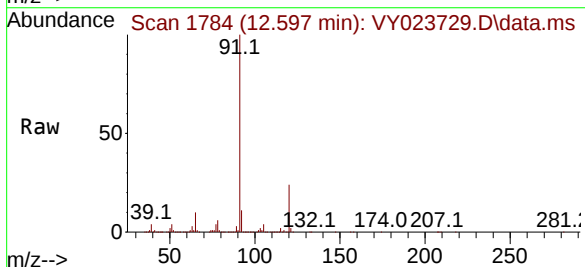
Acq: 11 Nov 2025 10:32

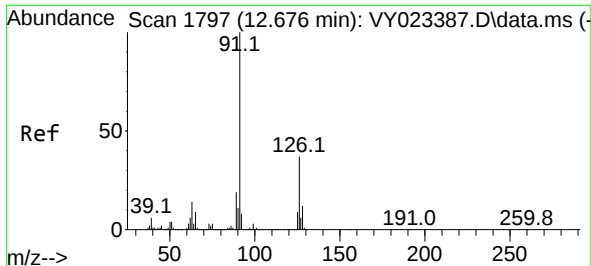
Tgt Ion: 91 Resp: 1653744

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 57.571 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

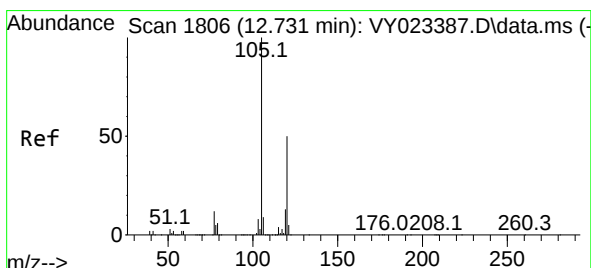
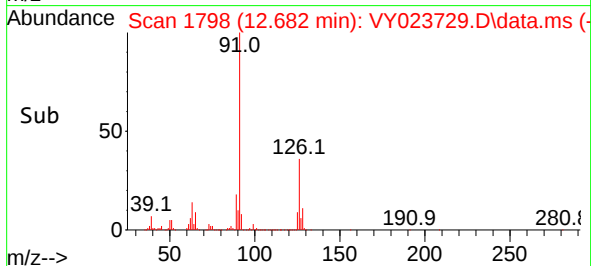
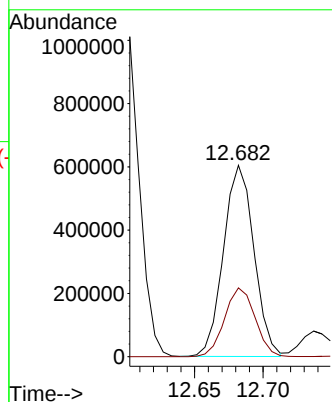
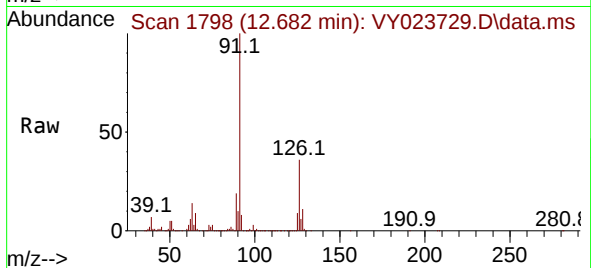
VSTDCCC050

Tgt Ion: 91 Resp: 935851

Ion Ratio Lower Upper

91 100

126 36.1 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 58.696 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023729.D

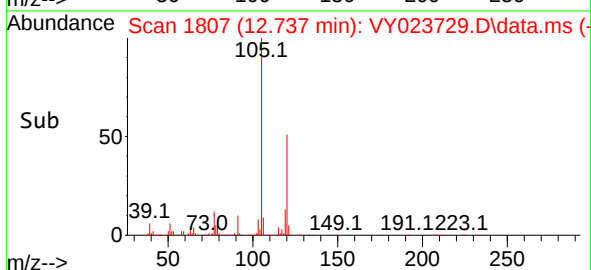
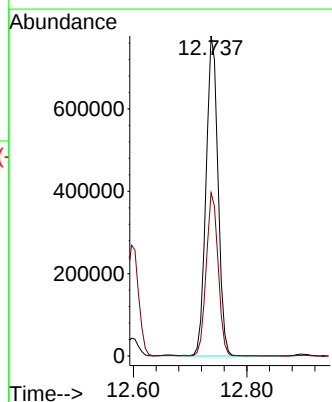
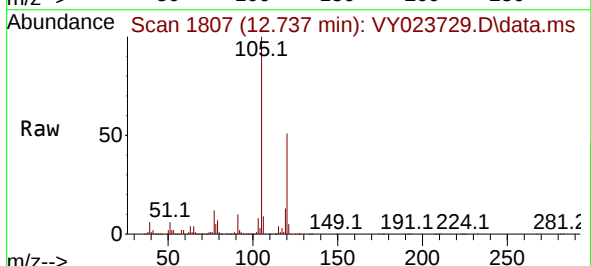
Acq: 11 Nov 2025 10:32

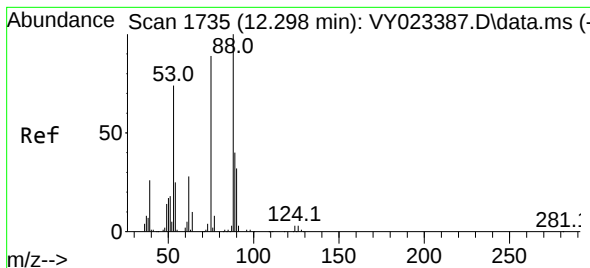
Tgt Ion: 105 Resp: 1137755

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.4

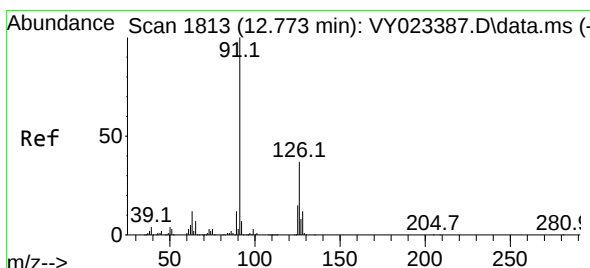
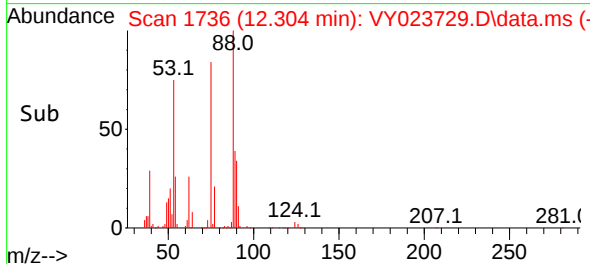
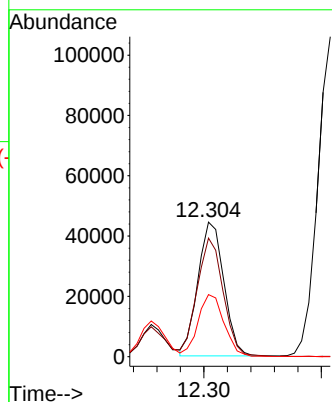
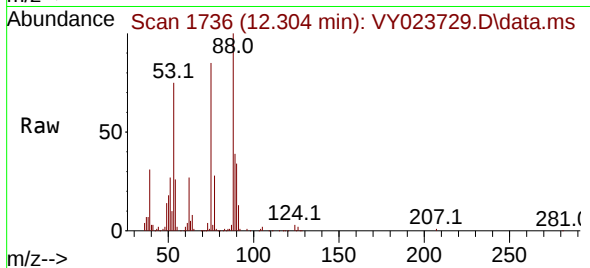




#81
trans-1,4-Dichloro-2-butene
Concen: 52.022 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

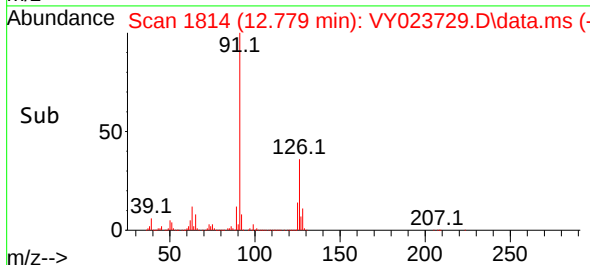
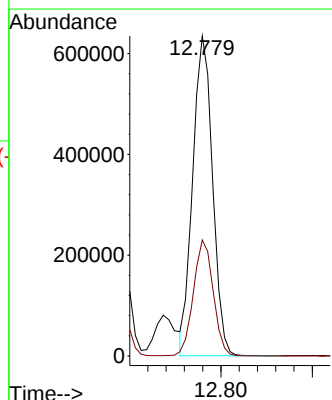
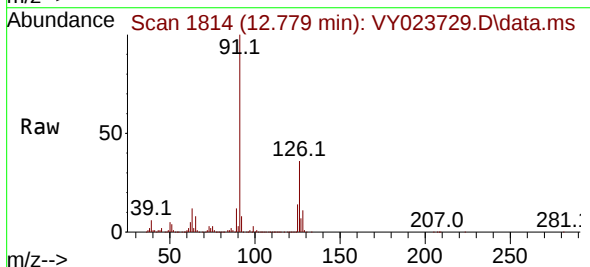
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

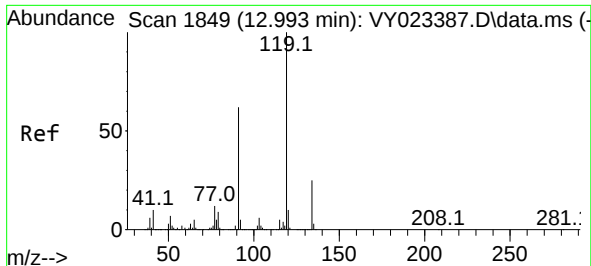
Tgt Ion: 75 Resp: 68129
Ion Ratio Lower Upper
75 100
53 89.2 68.6 102.8
89 46.6 39.0 58.4



#82
4-Chlorotoluene
Concen: 57.068 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 91 Resp: 955395
Ion Ratio Lower Upper
91 100
126 36.3 18.4 55.4

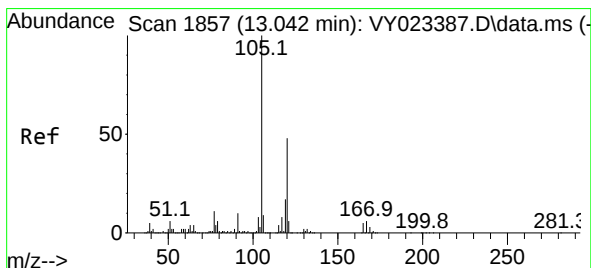
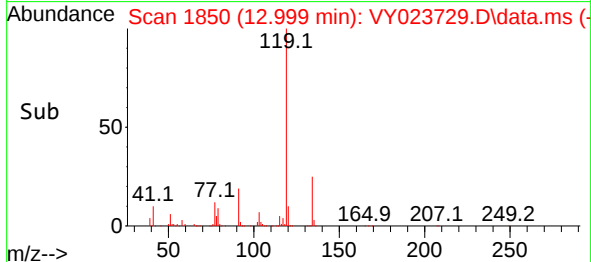
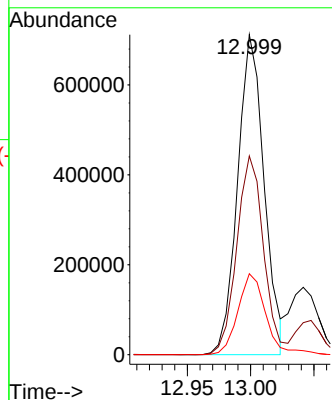
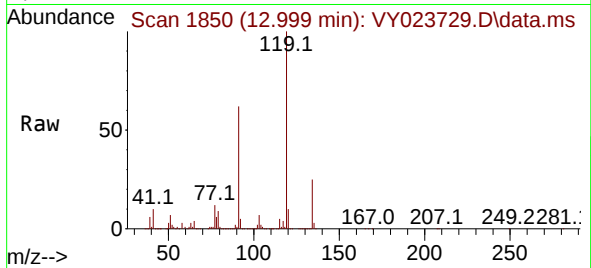




#83
tert-Butylbenzene
Concen: 58.012 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

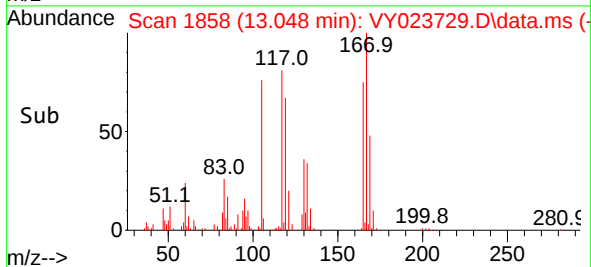
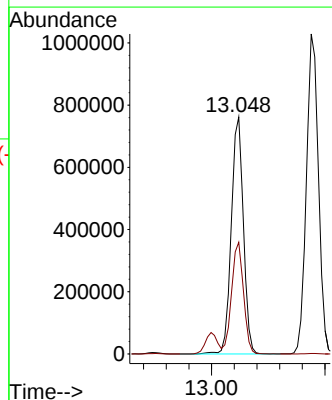
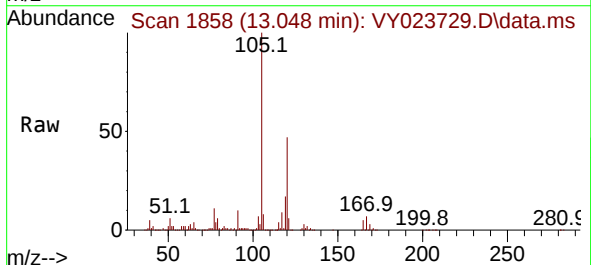
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

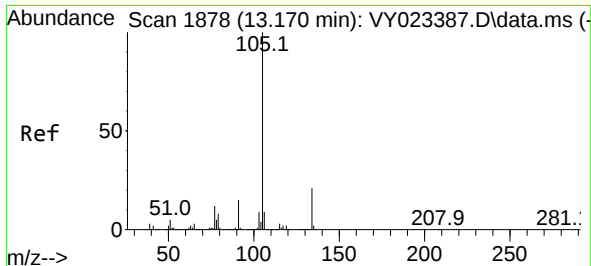
Tgt Ion:119 Resp: 1038274
Ion Ratio Lower Upper
119 100
91 63.0 29.9 89.8
134 26.7 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 58.194 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:105 Resp: 1125767
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.2

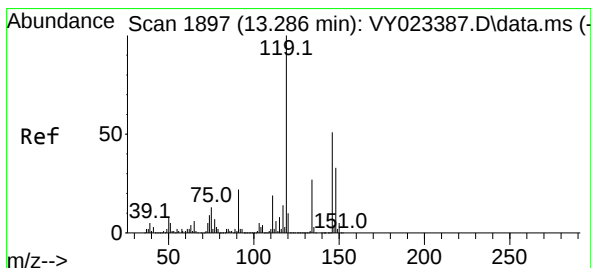
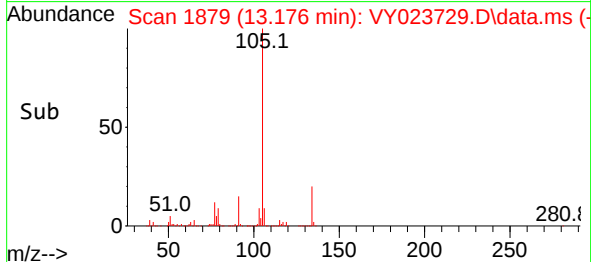
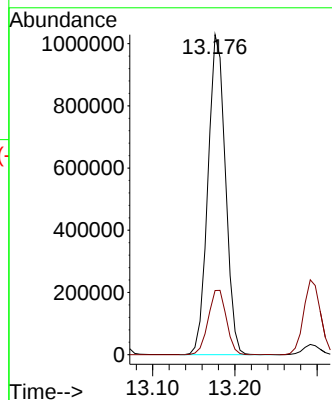
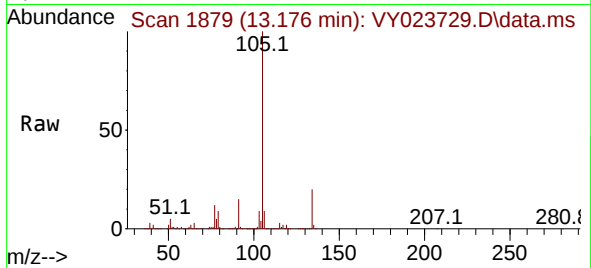




#85
 sec-Butylbenzene
 Concen: 59.080 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

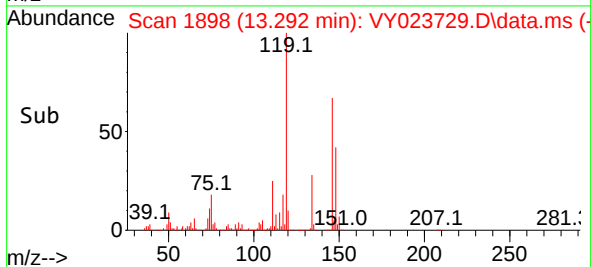
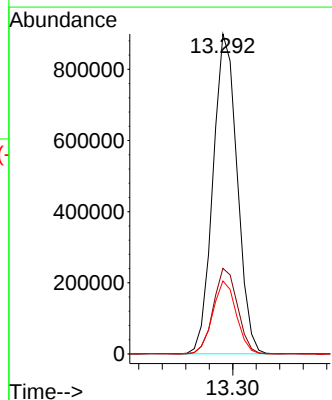
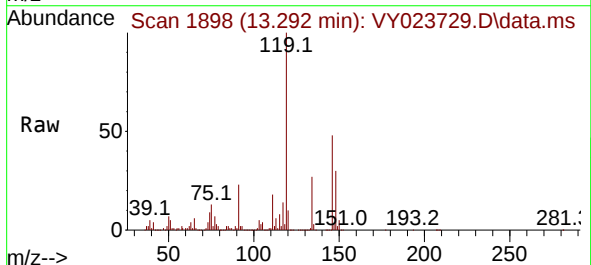
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

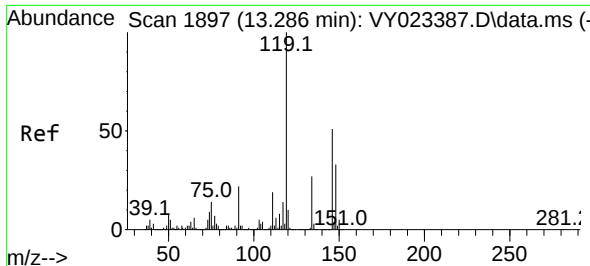
Tgt Ion:105 Resp: 1516788
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 58.756 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

Tgt Ion:119 Resp: 1284344
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.2 10.9 32.9

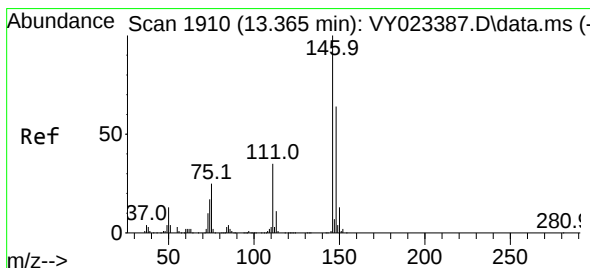
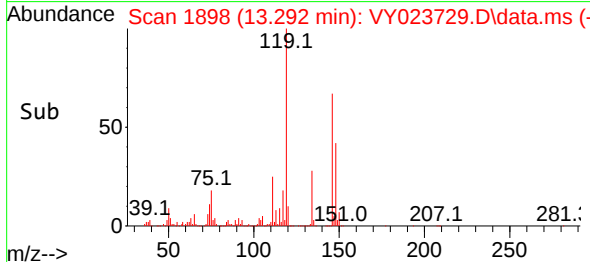
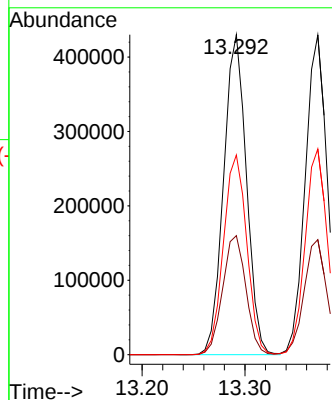
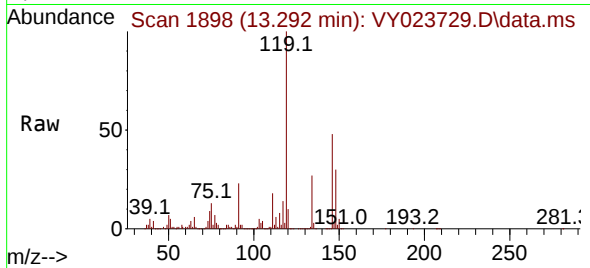




#87
1,3-Dichlorobenzene
Concen: 53.366 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

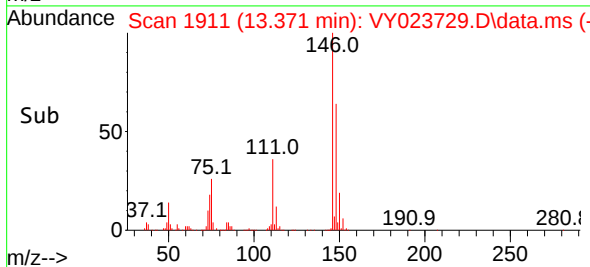
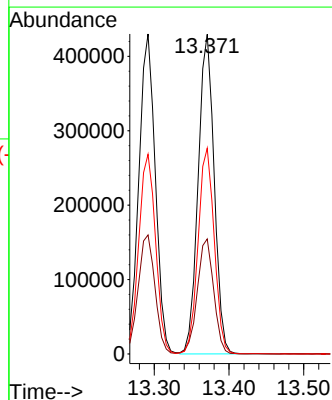
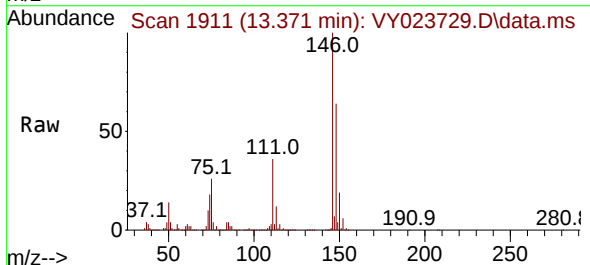
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

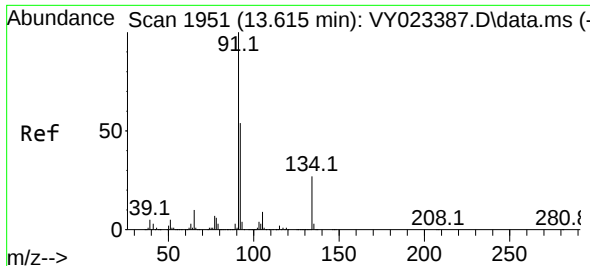
Tgt Ion:146 Resp: 662725
Ion Ratio Lower Upper
146 100
111 38.1 18.7 56.1
148 63.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 52.080 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:146 Resp: 638753
Ion Ratio Lower Upper
146 100
111 36.9 18.0 54.0
148 64.9 31.9 95.7

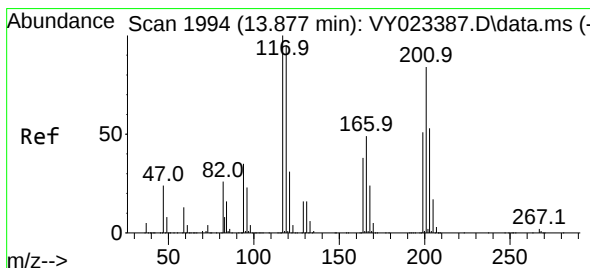
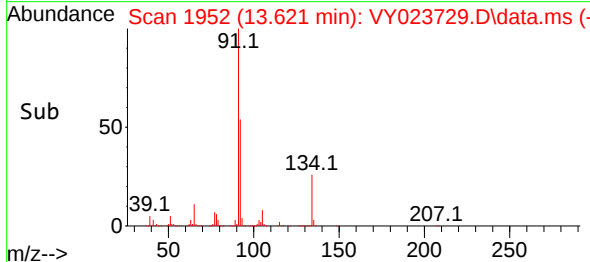
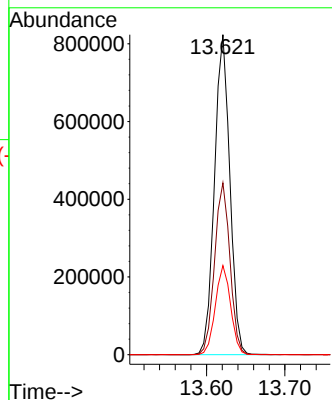
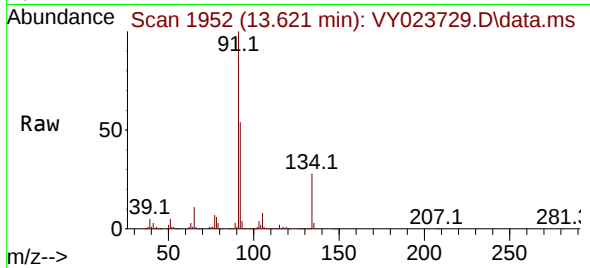




#89
n-Butylbenzene
Concen: 58.892 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

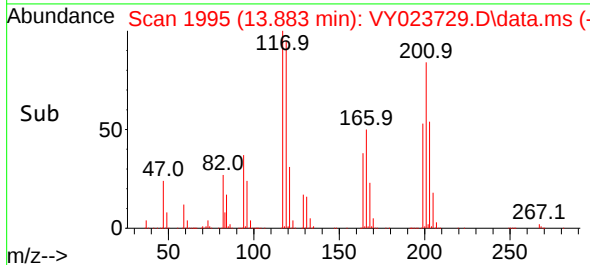
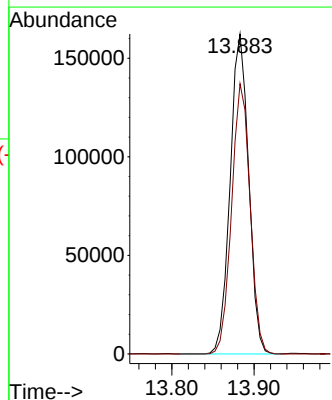
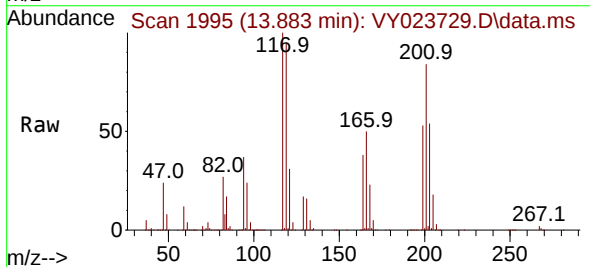
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

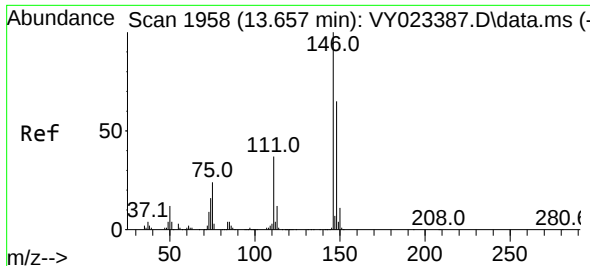
Tgt Ion: 91 Resp: 1121698
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 27.7 14.1 42.2



#90
Hexachloroethane
Concen: 54.068 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion: 117 Resp: 254198
Ion Ratio Lower Upper
117 100
201 84.3 43.8 131.4

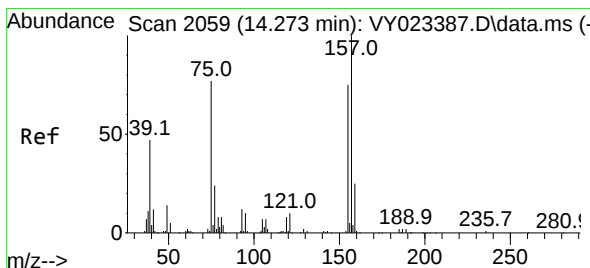
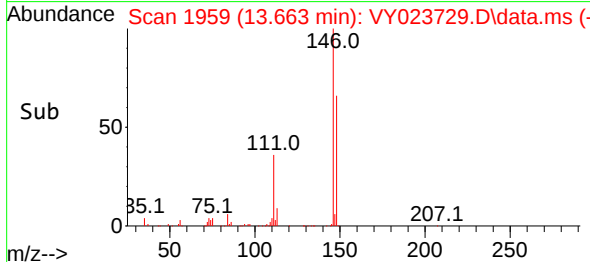
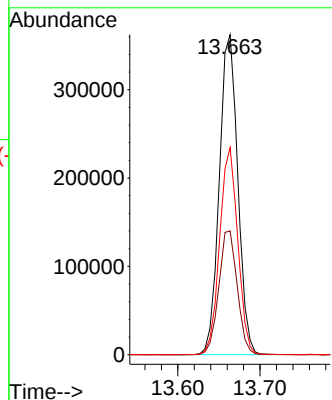
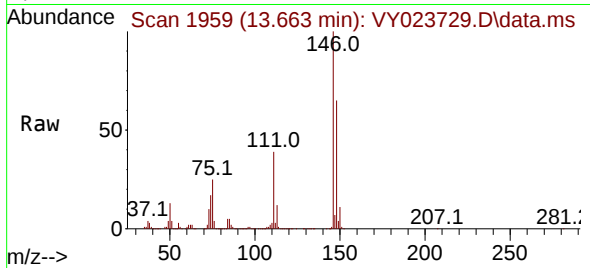




#91
 1,2-Dichlorobenzene
 Concen: 52.019 ug/l
 RT: 13.663 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

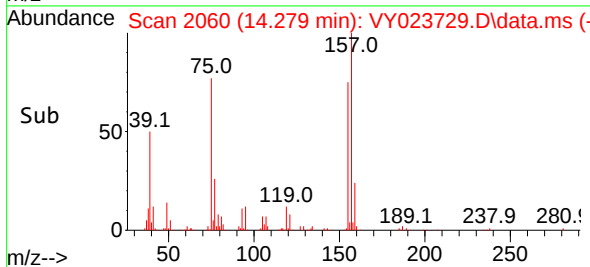
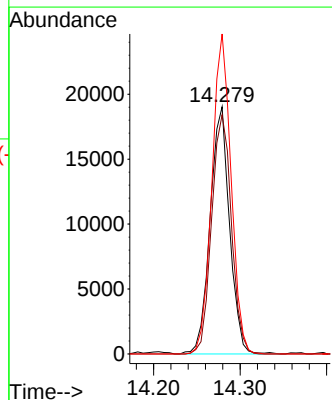
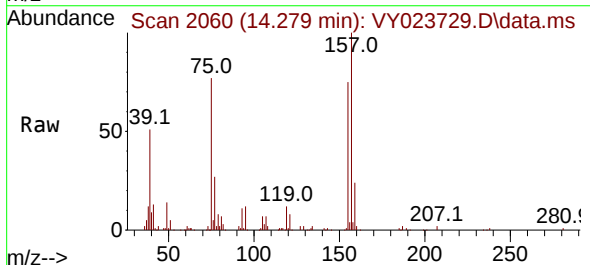
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

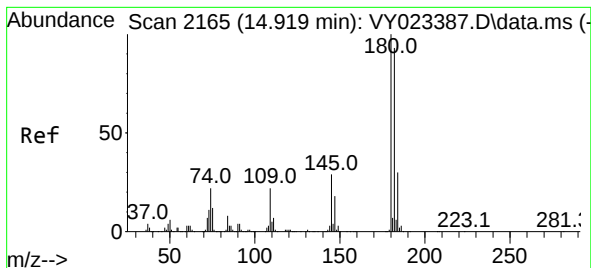
Tgt Ion:146 Resp: 566362
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.0 57.0
 148 63.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.039 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY023729.D
 Acq: 11 Nov 2025 10:32

Tgt Ion: 75 Resp: 29638
 Ion Ratio Lower Upper
 75 100
 155 98.3 50.0 150.0
 157 127.3 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 49.383 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

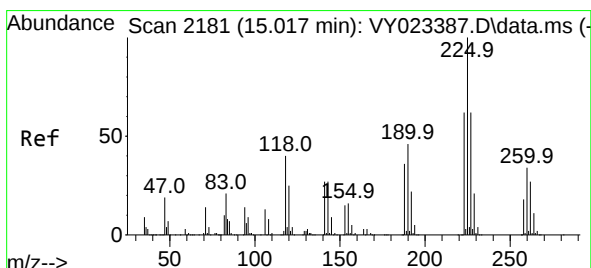
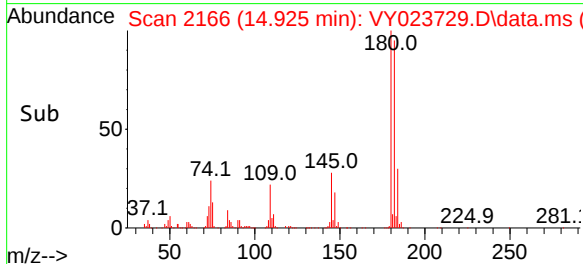
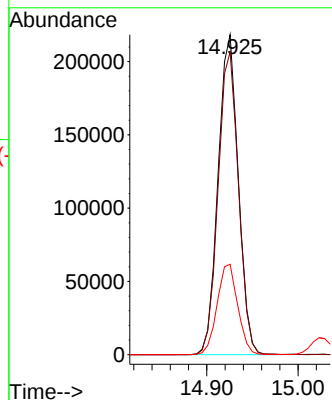
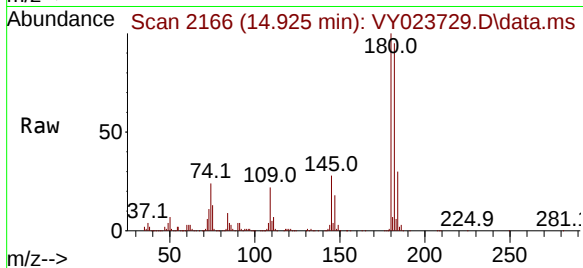
Tgt Ion:180 Resp: 335189

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

145 28.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 50.541 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY023729.D

Acq: 11 Nov 2025 10:32

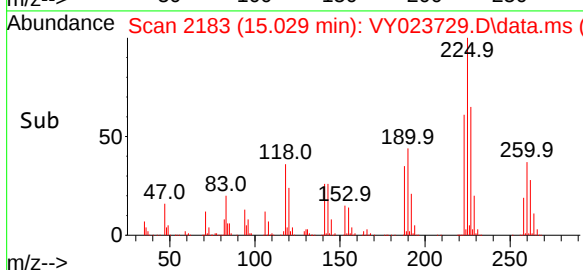
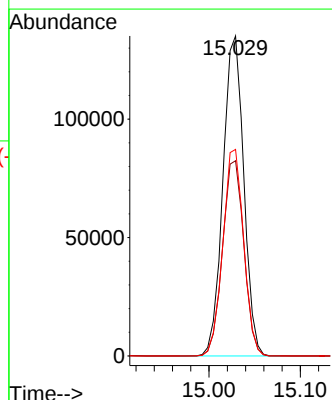
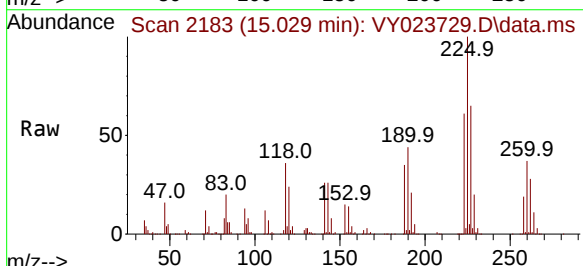
Tgt Ion:225 Resp: 213845

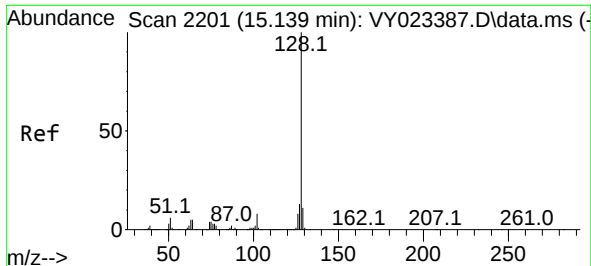
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 64.7 31.9 95.7

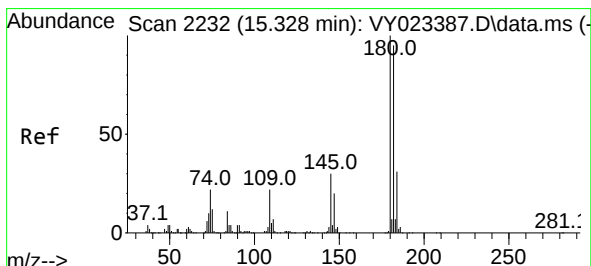
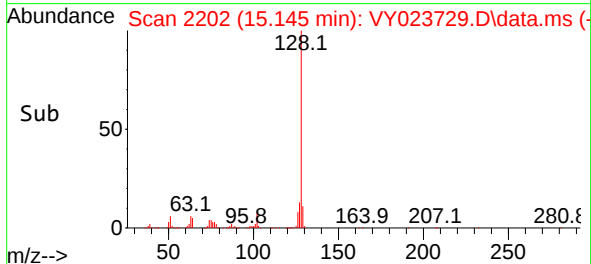
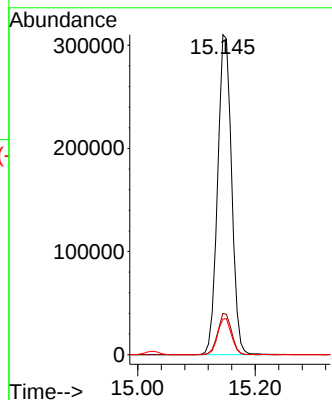
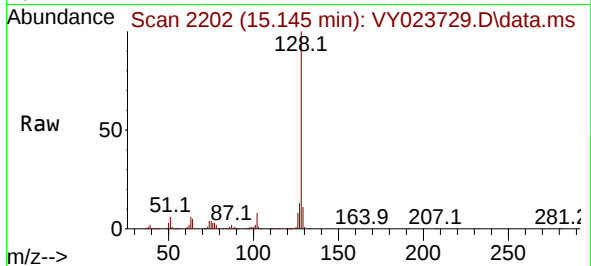




#95
Naphthalene
Concen: 47.301 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 511247
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.648 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY023729.D
Acq: 11 Nov 2025 10:32

Tgt Ion:180 Resp: 274255
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 30.7 15.3 45.9

