

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009464.D
 Acq On : 07 Jul 2022 11:29
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 08 01:30:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	174093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	254139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	9404	6.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.640%#
35) Dibromofluoromethane	7.716	113	8361	5.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.120%#
50) Toluene-d8	10.173	98	31896	6.179	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	12.360%#
62) 4-Bromofluorobenzene	12.477	95	11420	5.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	10.760%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	7169	5.370	ug/l	97
3) Chloromethane	2.107	50	7958	5.338	ug/l #	85
4) Vinyl Chloride	2.247	62	9098	5.360	ug/l	99
5) Bromomethane	2.638	94	6513	5.341	ug/l	92
6) Chloroethane	2.784	64	5184	5.231	ug/l	98
7) Trichlorofluoromethane	3.119	101	12275	5.416	ug/l	93
8) Diethyl Ether	3.522	74	3601	4.153	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	7595	4.946	ug/l	94
10) Methyl Iodide	4.082	142	8010	4.396	ug/l	92
11) Tert butyl alcohol	4.924	59	8373	31.236	ug/l #	87
12) 1,1-Dichloroethene	3.857	96	6420	4.508	ug/l #	77
13) Acrolein	3.729	56	1535	14.042	ug/l	99
14) Allyl chloride	4.466	41	8135	3.320	ug/l #	86
15) Acrylonitrile	5.161	53	9125	19.127	ug/l	95
16) Acetone	3.948	43	7879	18.604	ug/l	90
17) Carbon Disulfide	4.180	76	15744	3.928	ug/l	97
18) Methyl Acetate	4.473	43	6706	5.393	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	17258	4.004	ug/l #	86
20) Methylene Chloride	4.710	84	16782	7.040	ug/l #	76
21) trans-1,2-Dichloroethene	5.210	96	7052	4.226	ug/l #	76
22) Diisopropyl ether	6.119	45	18457	3.543	ug/l #	83
23) Vinyl Acetate	6.052	43	46585	13.986	ug/l	97
24) 1,1-Dichloroethane	6.003	63	11843	4.031	ug/l	95
25) 2-Butanone	6.978	43	15488	22.607	ug/l	92
26) 2,2-Dichloropropane	6.972	77	14892	5.143	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	8593	4.374	ug/l	97
28) Bromochloromethane	7.326	49	6554	5.308	ug/l	89
29) Tetrahydrofuran	7.338	42	10736	24.228	ug/l	93
30) Chloroform	7.503	83	16757	5.212	ug/l	100
31) Cyclohexane	7.783	56	15250	5.339	ug/l #	67
32) 1,1,1-Trichloroethane	7.692	97	14154	4.993	ug/l	97
36) 1,1-Dichloropropene	7.911	75	12091	4.943	ug/l	97
37) Ethyl Acetate	7.064	43	7273	4.743	ug/l #	90
38) Carbon Tetrachloride	7.893	117	12784	4.887	ug/l	95
39) Methylcyclohexane	9.179	83	13246	4.511	ug/l	89
40) Benzene	8.155	78	34880	4.856	ug/l	97

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3671	2.574	ug/l #	44
42) 1,2-Dichloroethane	8.228	62	11127	5.160	ug/l	89
43) Isopropyl Acetate	8.265	43	13432	4.695	ug/l	94
44) Trichloroethene	8.935	130	10002	4.929	ug/l	95
45) 1,2-Dichloropropane	9.210	63	8815	4.849	ug/l	92
46) Dibromomethane	9.295	93	5022	4.707	ug/l	92
47) Bromodichloromethane	9.490	83	12351	4.864	ug/l	98
48) Methyl methacrylate	9.289	41	5374	4.360	ug/l	88
49) 1,4-Dioxane	9.289	88	1381	87.891	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	35446	23.559	ug/l	96
52) Toluene	10.240	92	21486	4.694	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	12369	4.622	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	14062	4.712	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	7313	4.751	ug/l	89
56) Ethyl methacrylate	10.502	69	8054	3.941	ug/l	97
57) 1,3-Dichloropropane	10.789	76	12154	4.790	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.777	63	23629	23.670	ug/l	95
59) 2-Hexanone	10.825	43	23221	22.273	ug/l	98
60) Dibromochloromethane	10.984	129	8763	4.701	ug/l	99
61) 1,2-Dibromoethane	11.087	107	6786	4.599	ug/l	97
64) Tetrachloroethene	10.715	164	11205	5.273	ug/l	94
65) Chlorobenzene	11.514	112	25264	5.062	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	9635	5.132	ug/l	97
67) Ethyl Benzene	11.587	91	43047	4.940	ug/l	98
68) m/p-Xylenes	11.697	106	32676	9.615	ug/l	91
69) o-Xylene	12.026	106	15929	4.890	ug/l	89
70) Styrene	12.044	104	24537	4.510	ug/l	98
71) Bromoform	12.203	173	5561	4.647	ug/l #	97
73) Isopropylbenzene	12.325	105	40648	4.750	ug/l	100
74) N-amyl acetate	12.142	43	10814	4.442	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	7974	4.654	ug/l	98
76) 1,2,3-Trichloropropane	12.624	75	11272	5.108	ug/l #	100
77) Bromobenzene	12.605	156	10194	4.893	ug/l	95
78) n-propylbenzene	12.666	91	48754	4.716	ug/l	97
79) 2-Chlorotoluene	12.752	91	27318	4.720	ug/l	92
80) 1,3,5-Trimethylbenzene	12.813	105	33597	4.697	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	3016	4.660	ug/l	85
82) 4-Chlorotoluene	12.849	91	29447	4.855	ug/l	94
83) tert-Butylbenzene	13.069	119	29784	4.680	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	34124	4.793	ug/l	98
85) sec-Butylbenzene	13.251	105	44478	4.746	ug/l	98
86) p-Isopropyltoluene	13.367	119	36847	4.717	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	20634	5.018	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	21456	5.155	ug/l	95
89) n-Butylbenzene	13.690	91	35042	4.804	ug/l	99
90) Hexachloroethane	13.959	117	7610	4.965	ug/l	85
91) 1,2-Dichlorobenzene	13.733	146	19748	5.242	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1264	4.209	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	11447	4.982	ug/l	97
94) Hexachlorobutadiene	15.105	225	6581	5.209	ug/l	97
95) Naphthalene	15.233	128	20537	4.323	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	9786	4.917	ug/l	95

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Operator : KP/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

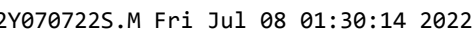
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MSVOA_Y
ClientSampleId :
VSTDICC005

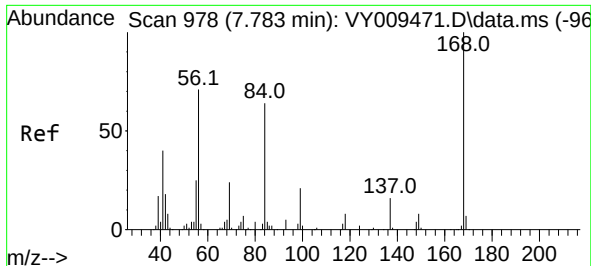
Quant Time: Jul 08 01:30:08 2022
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Quant Title : SW846 8260
QLast Update : Fri Jul 08 01:24:14 2022
Response via : Initial Calibration

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

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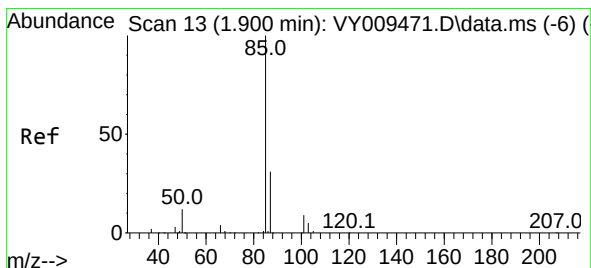
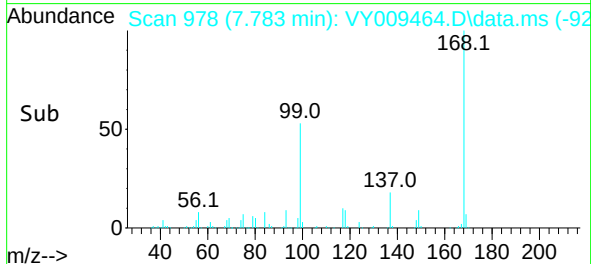
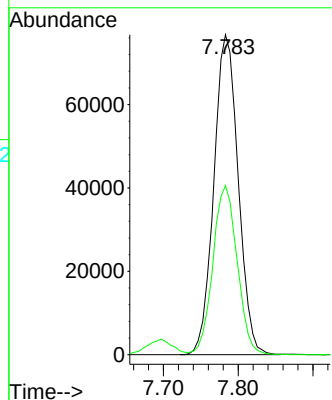
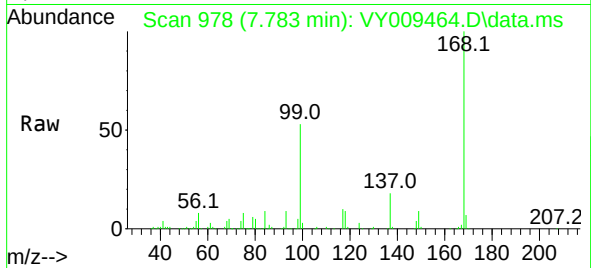




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009464.D
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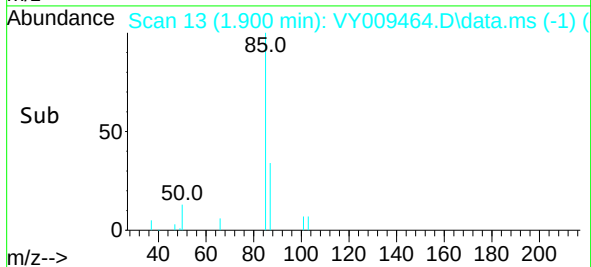
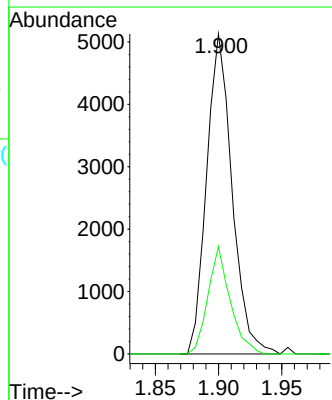
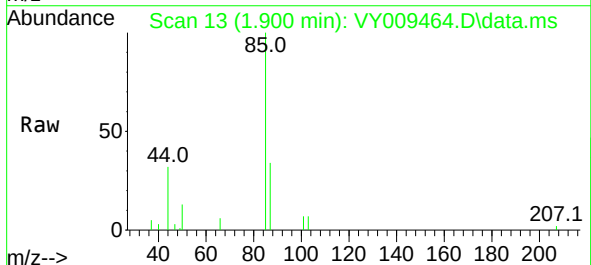
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

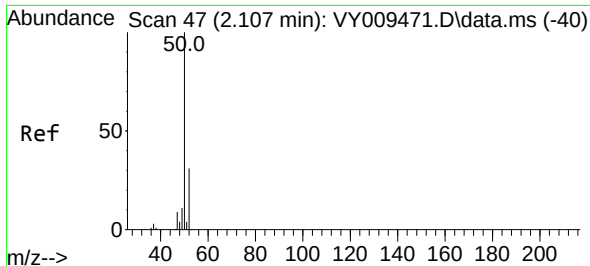
Tgt Ion:168 Resp: 174093
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.370 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 85 Resp: 7169
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2

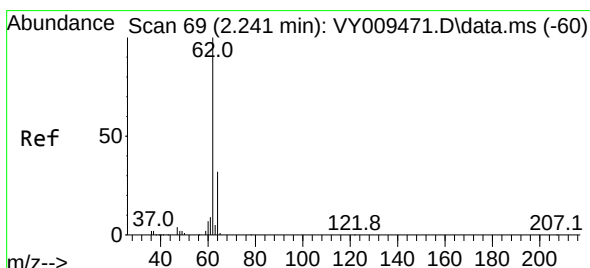
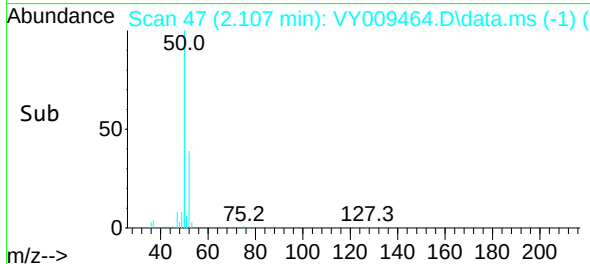
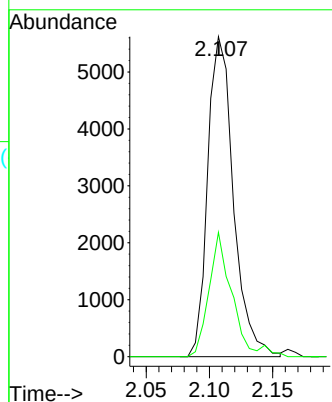
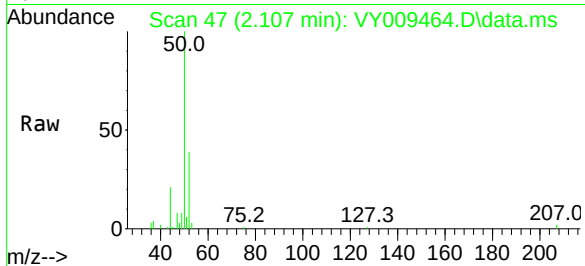




#3
Chloromethane
Concen: 5.338 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

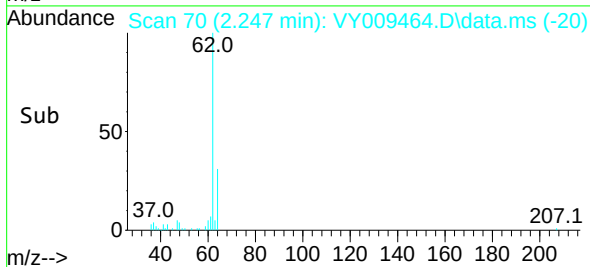
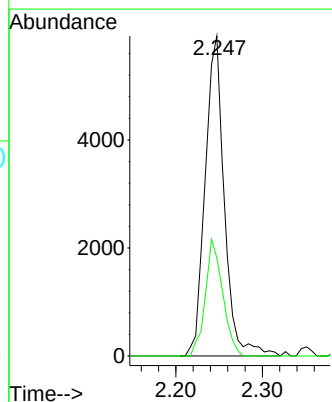
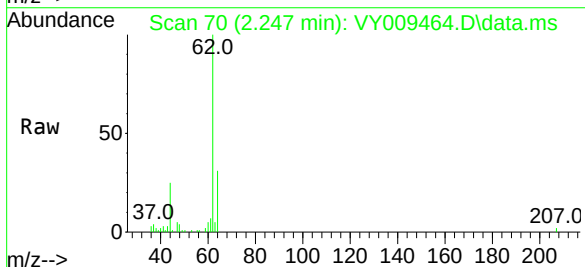
Instrument :
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ClientSampleId :
VSTDICC005

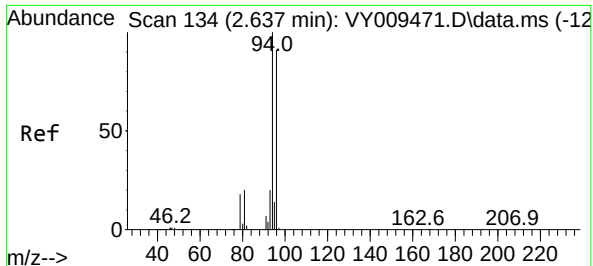
Tgt Ion: 50 Resp: 7958
Ion Ratio Lower Upper
50 100
52 38.8 24.6 37.0#



#4
Vinyl Chloride
Concen: 5.360 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 62 Resp: 9098
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6

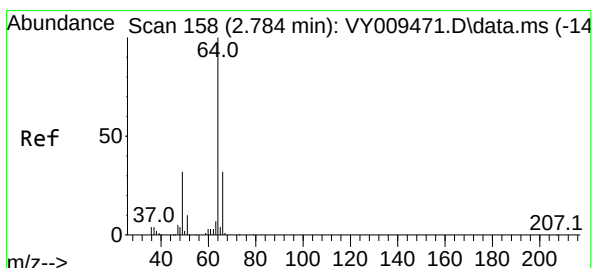
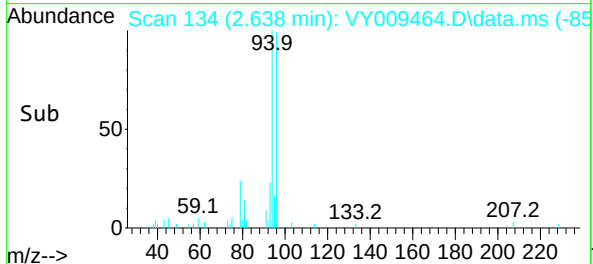
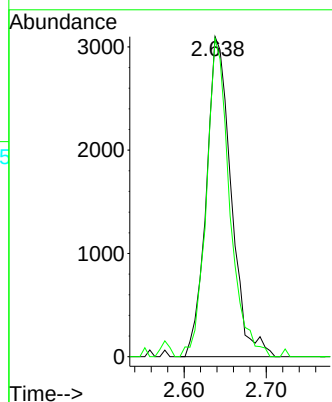
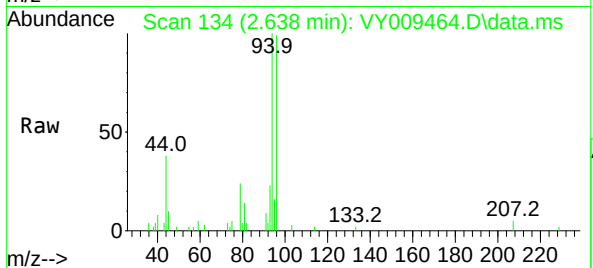




#5
Bromomethane
Concen: 5.341 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

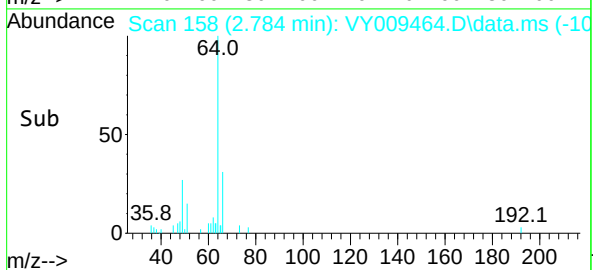
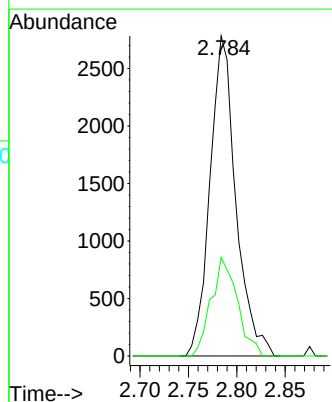
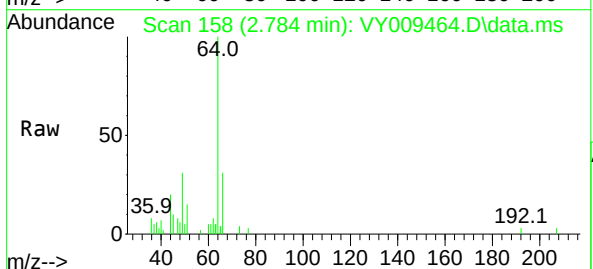
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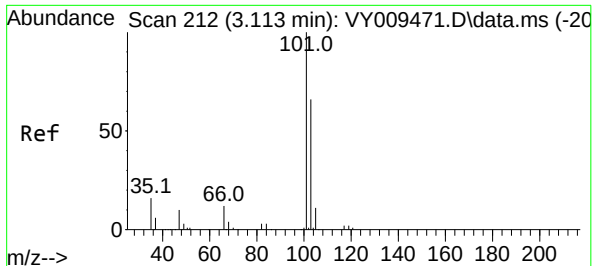
Tgt Ion: 94 Resp: 6513
Ion Ratio Lower Upper
94 100
96 99.4 73.5 110.3



#6
Chloroethane
Concen: 5.231 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 64 Resp: 5184
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

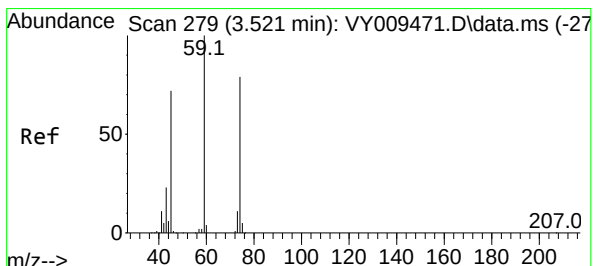
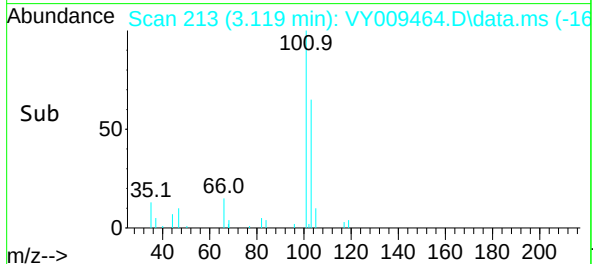
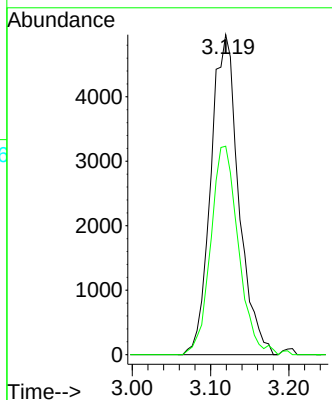
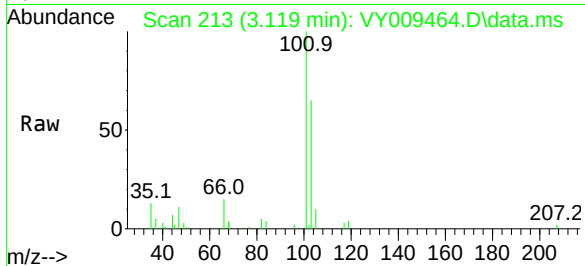




#7
Trichlorofluoromethane
Concen: 5.416 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

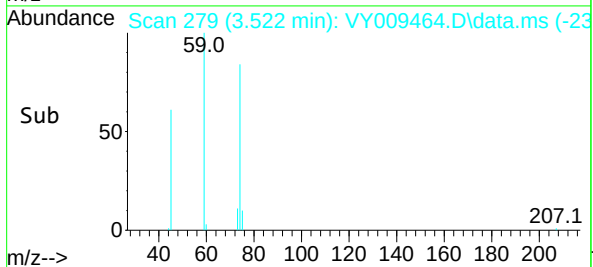
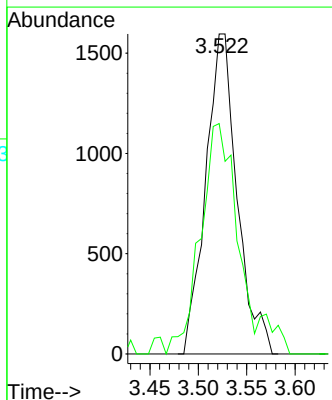
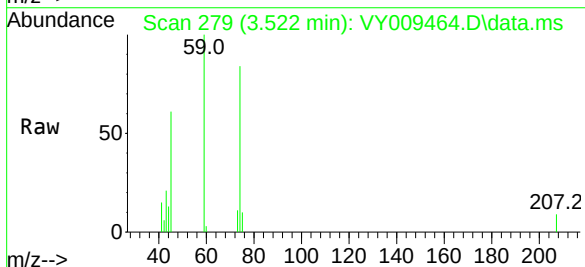
Instrument :
MSVOA_Y
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VSTDICC005

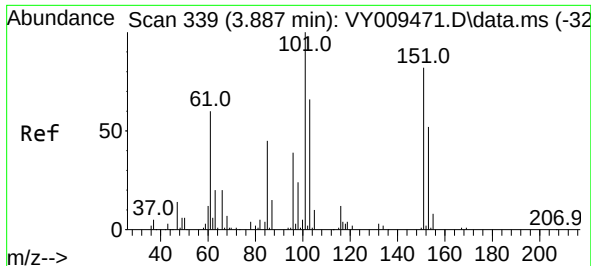
Tgt Ion:101 Resp: 12275
Ion Ratio Lower Upper
101 100
103 65.2 48.0 72.0



#8
Diethyl Ether
Concen: 4.153 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 74 Resp: 3601
Ion Ratio Lower Upper
74 100
45 83.7 55.1 165.5

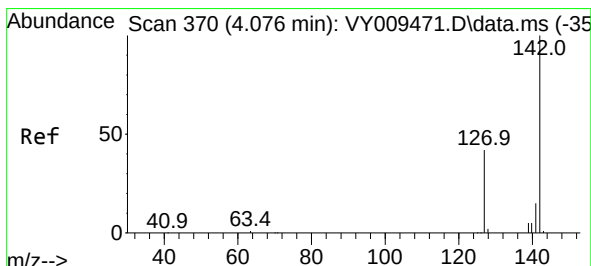
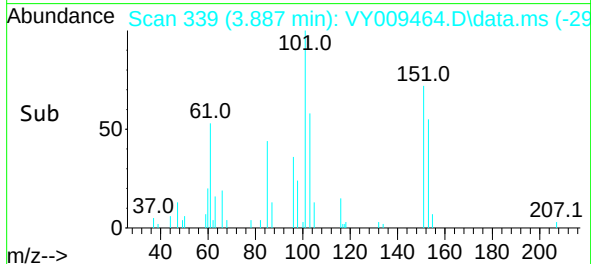
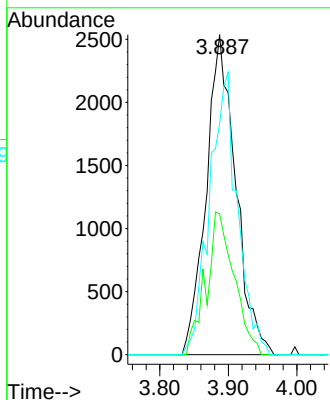
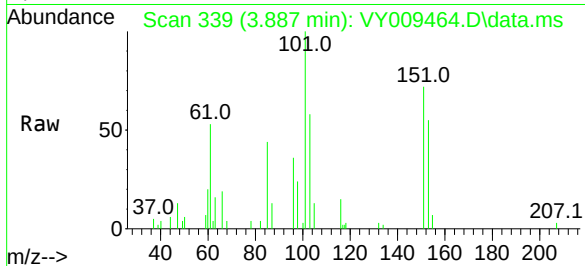




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.946 ug/l
 RT: 3.887 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VY009464.D
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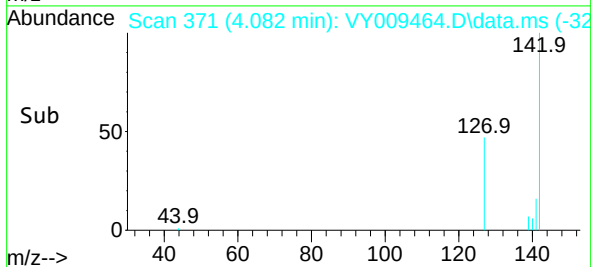
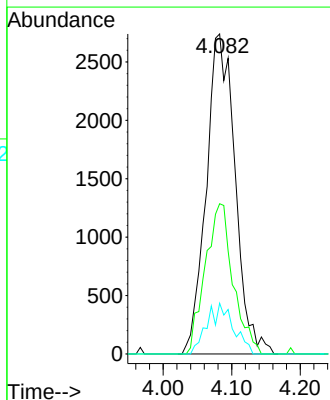
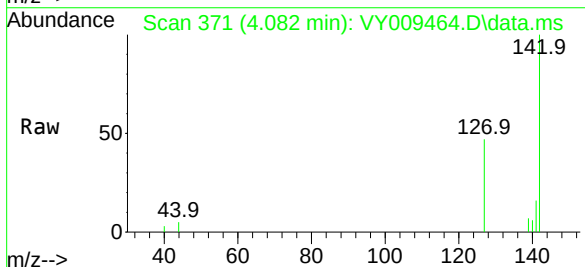
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

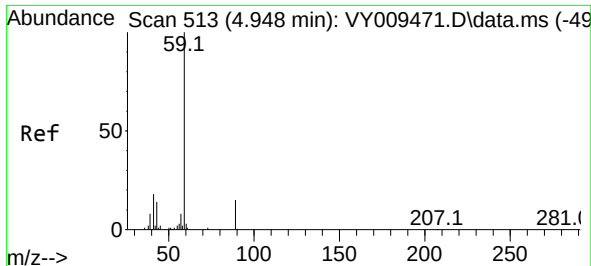
Tgt Ion:101 Resp: 7595
 Ion Ratio Lower Upper
 101 100
 85 42.4 40.6 60.8
 151 83.4 64.9 97.3



#10
 Methyl Iodide
 Concen: 4.396 ug/l
 RT: 4.082 min Scan# 371
 Delta R.T. 0.006 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

Tgt Ion:142 Resp: 8010
 Ion Ratio Lower Upper
 142 100
 127 45.3 41.5 62.3
 141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 31.236 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

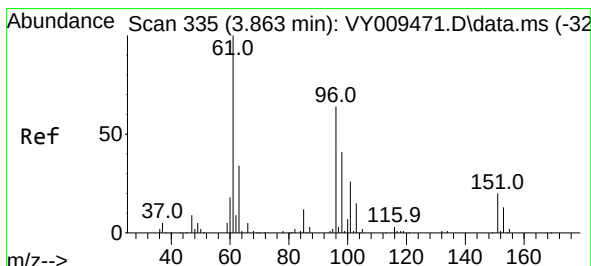
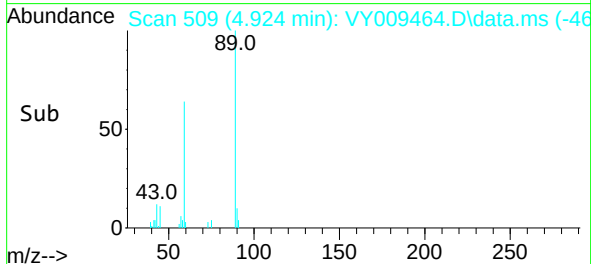
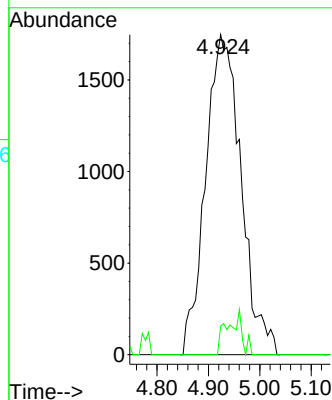
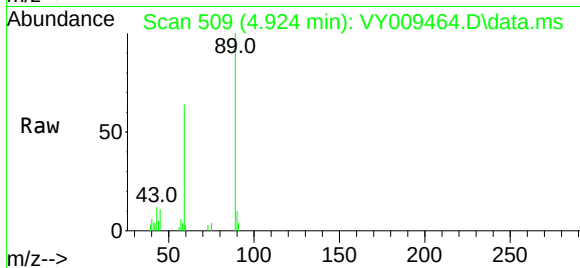
VSTDICC005

Tgt Ion: 59 Resp: 8373

Ion Ratio Lower Upper

59 100

57 3.4 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.508 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

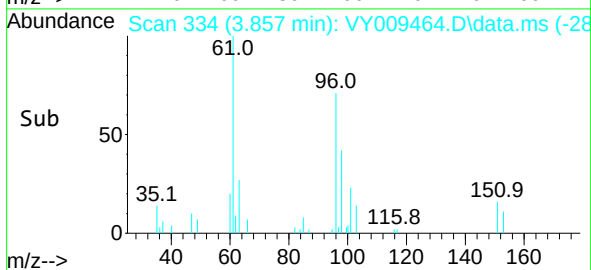
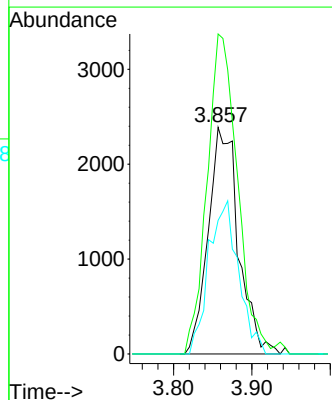
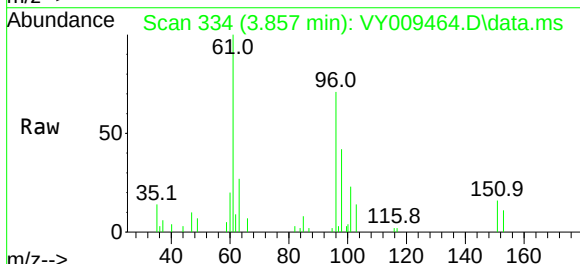
Tgt Ion: 96 Resp: 6420

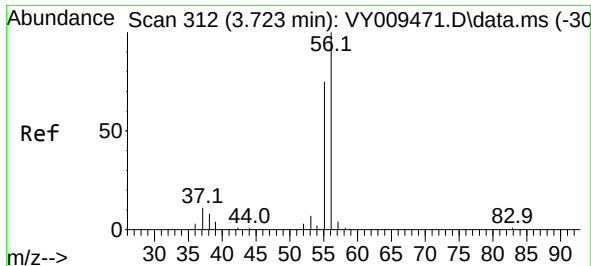
Ion Ratio Lower Upper

96 100

61 141.2 145.8 218.6#

98 58.9 52.5 78.7





#13

Acrolein

Concen: 14.042 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

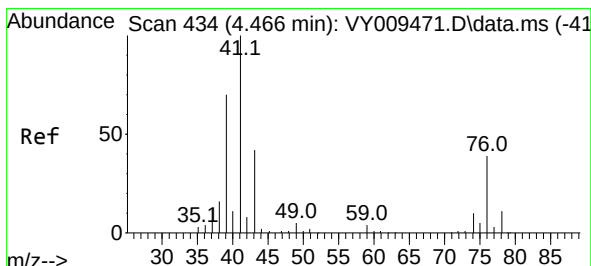
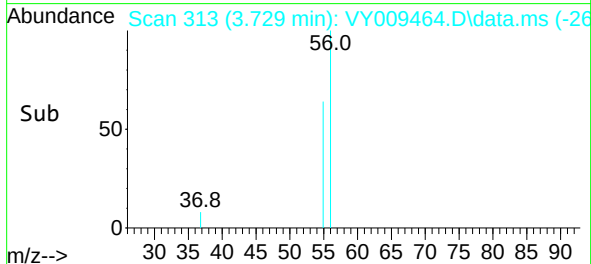
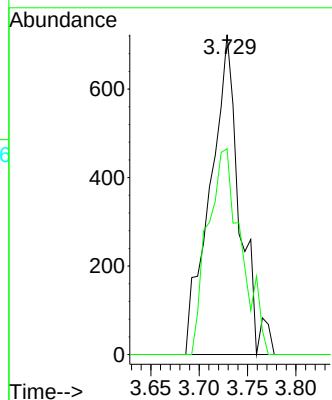
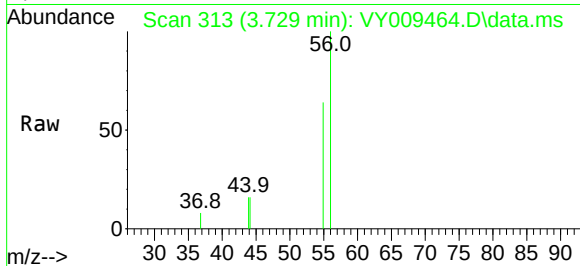
VSTDICC005

Tgt Ion: 56 Resp: 1535

Ion Ratio Lower Upper

56 100

55 73.0 57.6 86.4



#14

Allyl chloride

Concen: 3.320 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

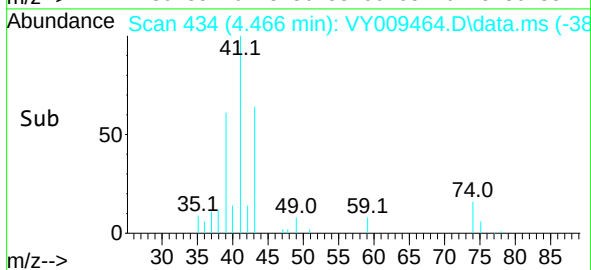
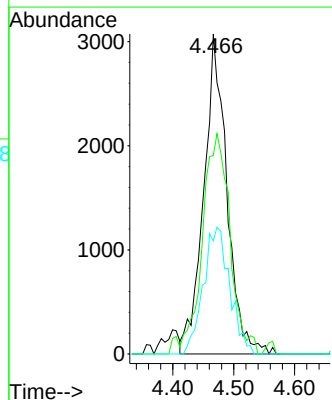
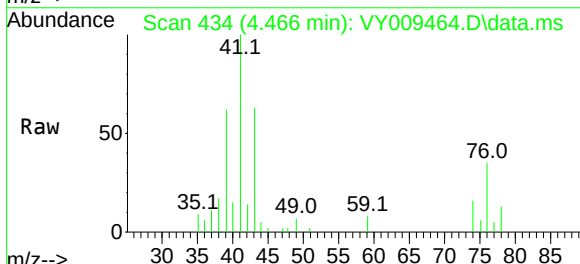
Tgt Ion: 41 Resp: 8135

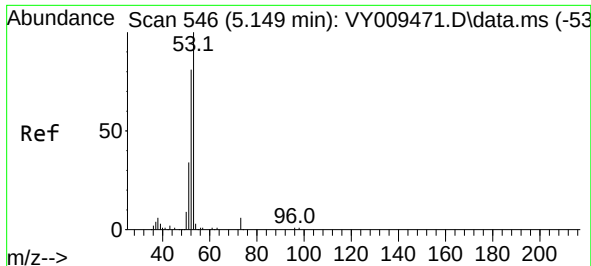
Ion Ratio Lower Upper

41 100

39 81.0 58.8 88.2

76 45.0 25.1 37.7#

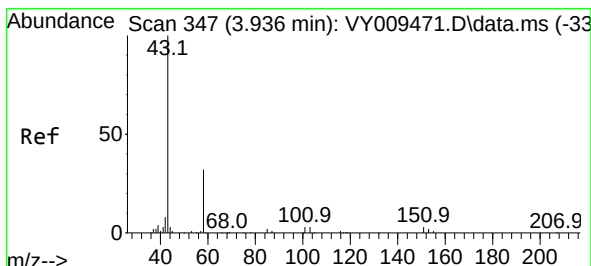
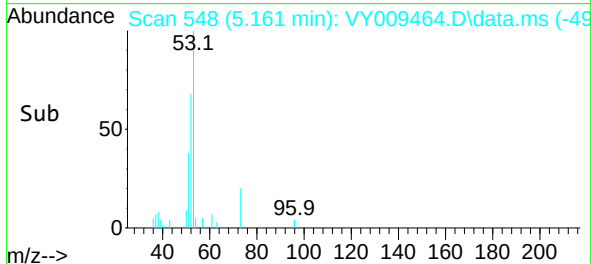
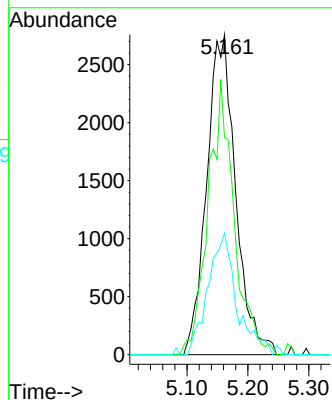
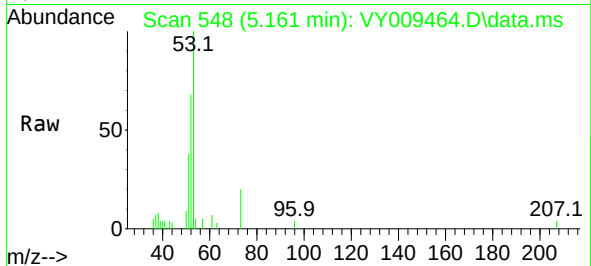




#15
Acrylonitrile
Concen: 19.127 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

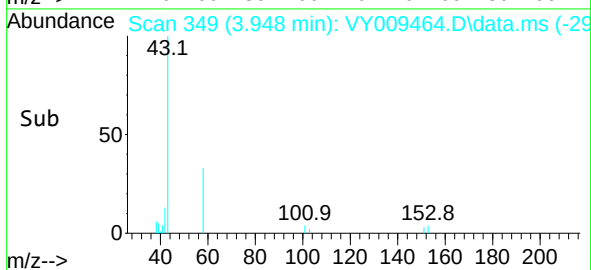
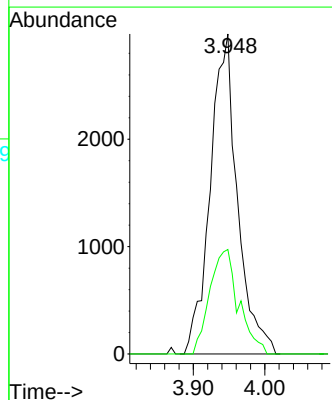
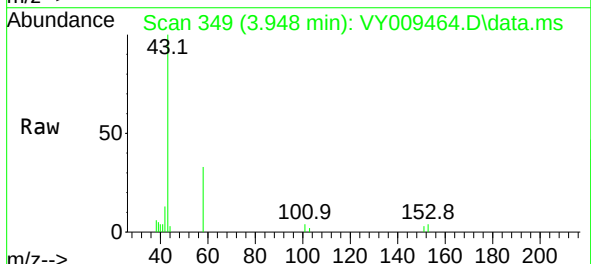
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

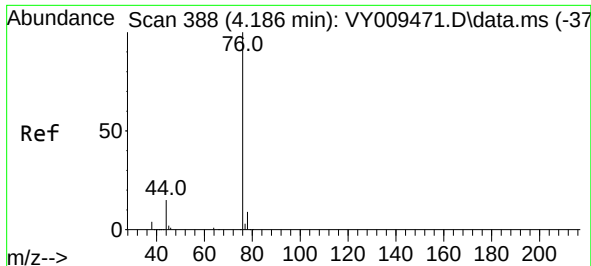
Tgt Ion: 53 Resp: 9125
Ion Ratio Lower Upper
53 100
52 77.0 67.0 100.4
51 37.7 29.8 44.6



#16
Acetone
Concen: 18.604 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 43 Resp: 7879
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0

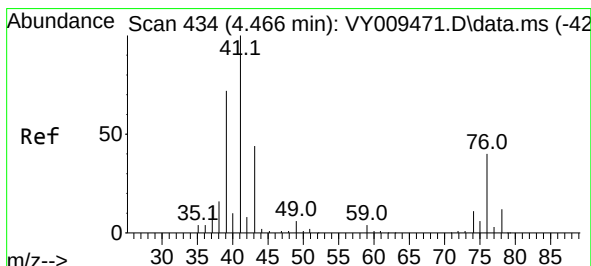
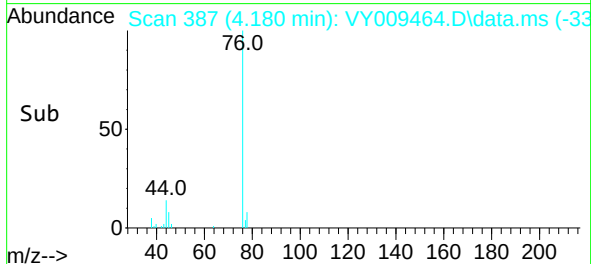
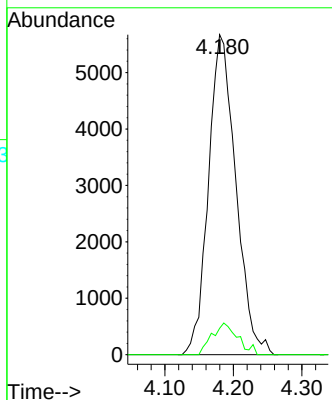
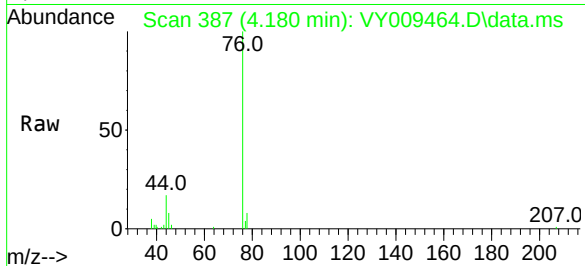




#17
Carbon Disulfide
Concen: 3.928 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

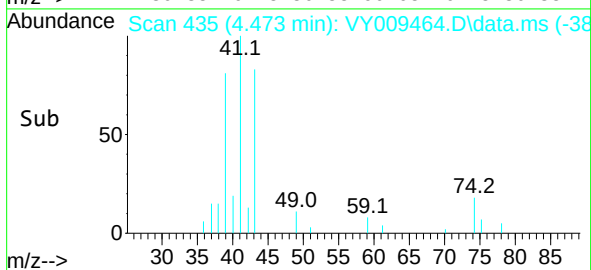
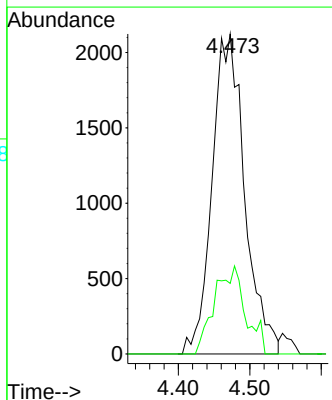
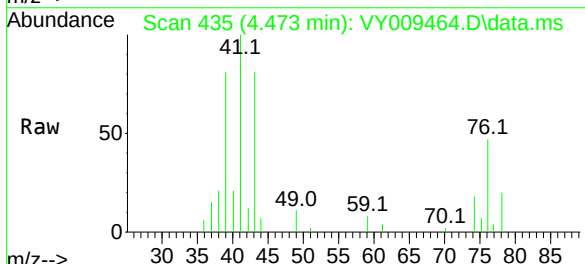
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

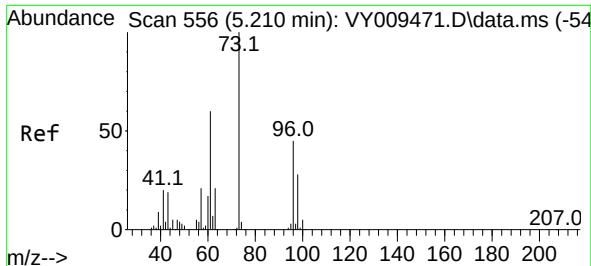
Tgt Ion: 76 Resp: 15744
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 5.393 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 43 Resp: 6706
Ion Ratio Lower Upper
43 100
74 26.0 16.6 24.8#

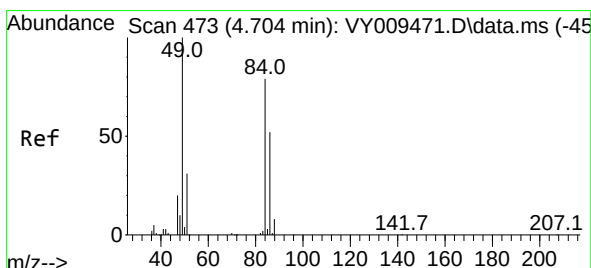
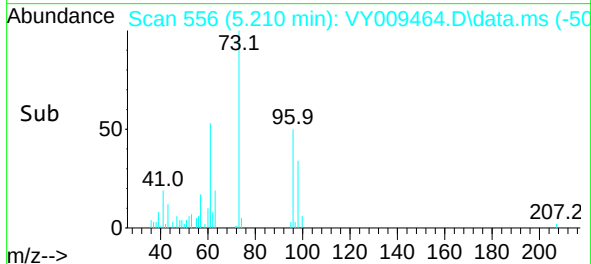
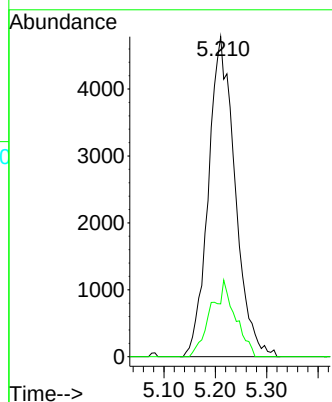
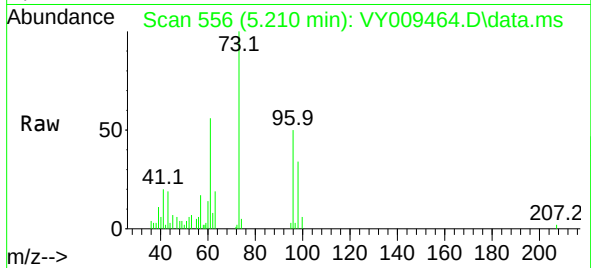




#19
Methyl tert-butyl Ether
Concen: 4.004 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

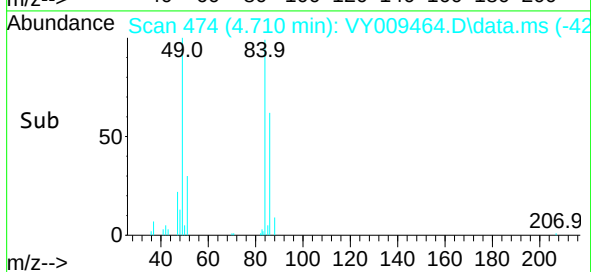
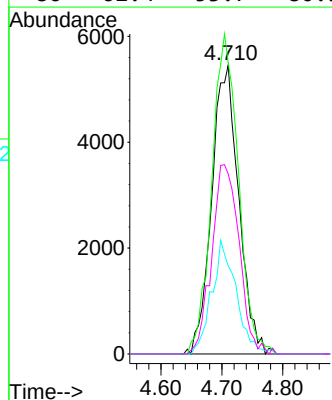
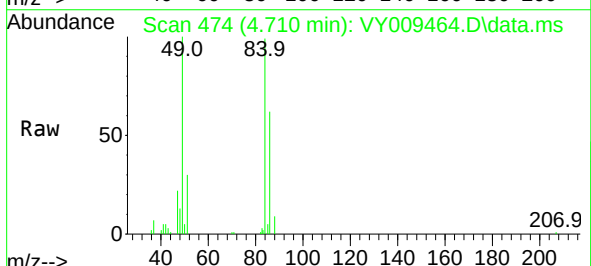
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

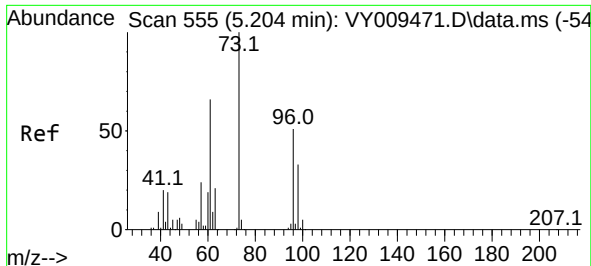
Tgt Ion: 73 Resp: 17258
Ion Ratio Lower Upper
73 100
57 16.5 18.6 27.8#



#20
Methylene Chloride
Concen: 7.040 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 84 Resp: 16782
Ion Ratio Lower Upper
84 100
49 100.9 114.4 171.6#
51 30.4 35.3 52.9#
86 62.4 53.7 80.5

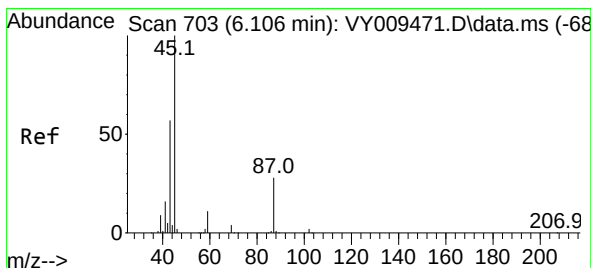
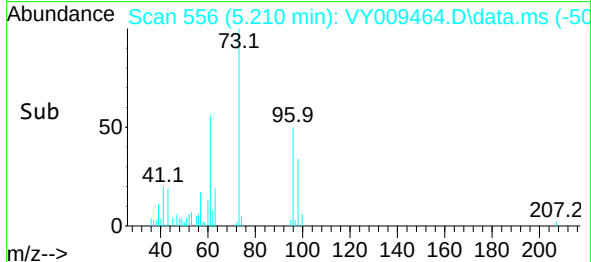
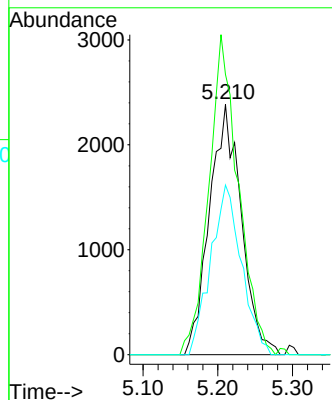
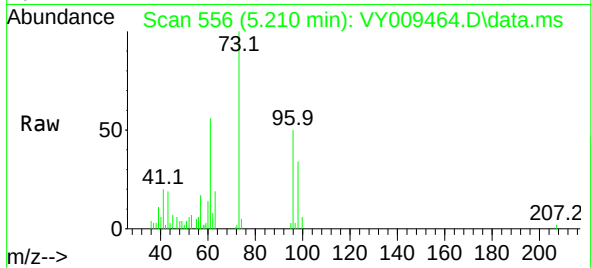




#21
trans-1,2-Dichloroethene
Concen: 4.226 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

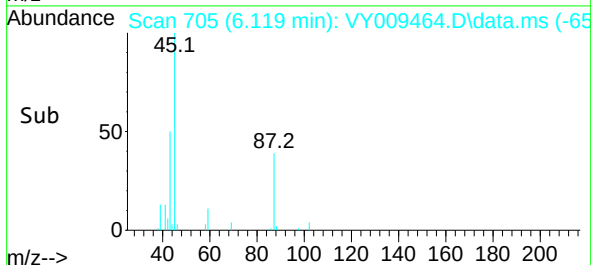
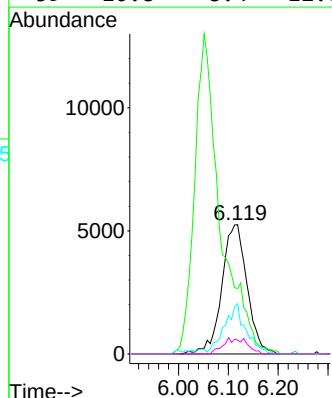
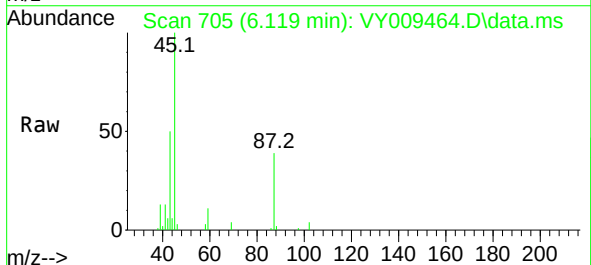
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

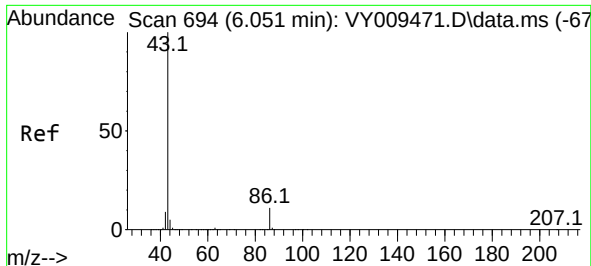
Tgt Ion: 96 Resp: 7052
Ion Ratio Lower Upper
96 100
61 112.0 120.5 180.7#
98 67.8 49.8 74.8



#22
Diisopropyl ether
Concen: 3.543 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.012 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 45 Resp: 18457
Ion Ratio Lower Upper
45 100
43 50.5 49.3 73.9
87 38.9 19.2 28.8#
59 10.8 8.4 12.6

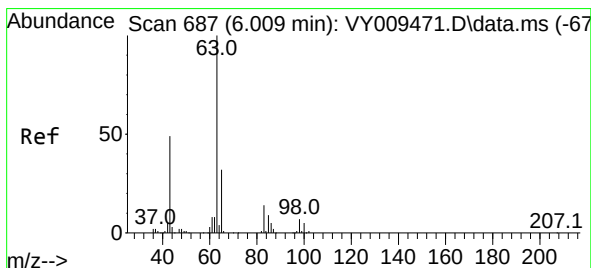
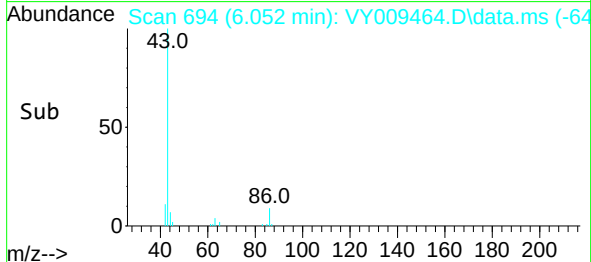
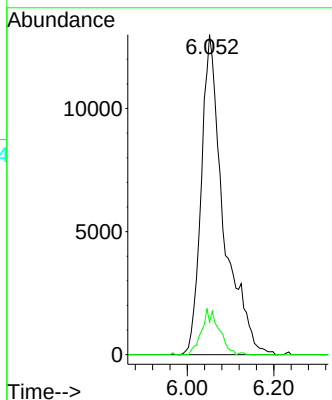
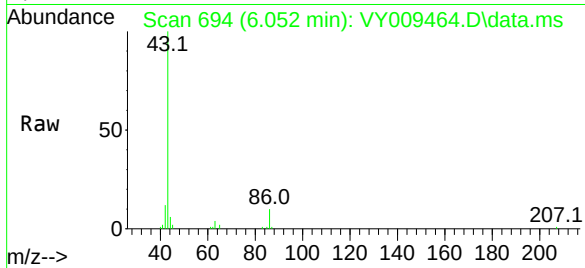




#23
 Vinyl Acetate
 Concen: 13.986 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

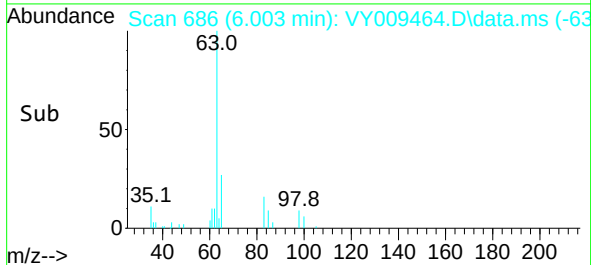
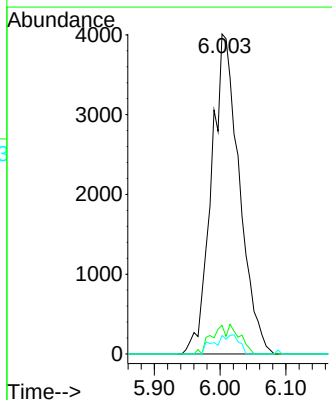
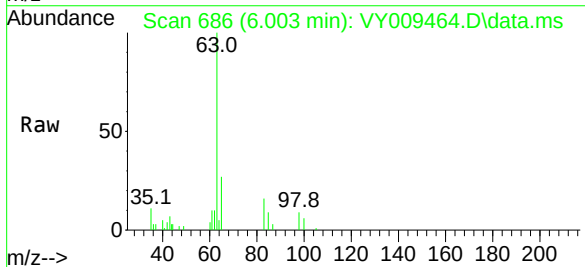
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

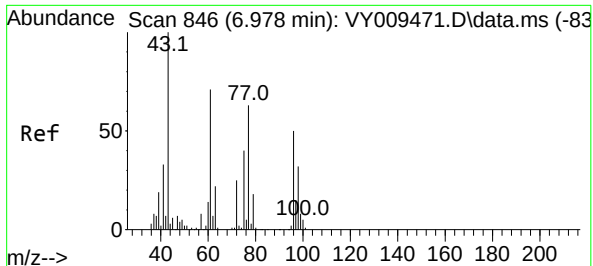
Tgt Ion: 43 Resp: 46585
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 4.031 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

Tgt Ion: 63 Resp: 11843
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 5.8 2.0 5.8





#25

2-Butanone

Concen: 22.607 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

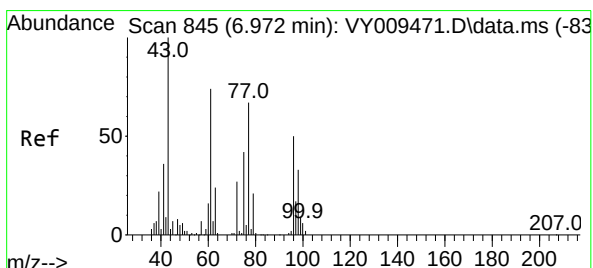
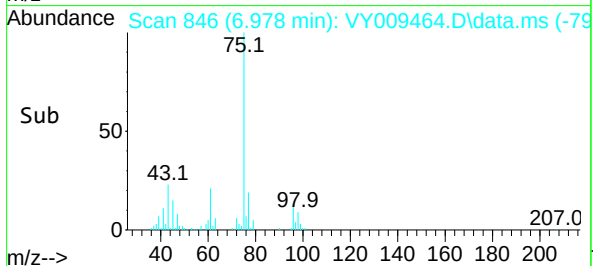
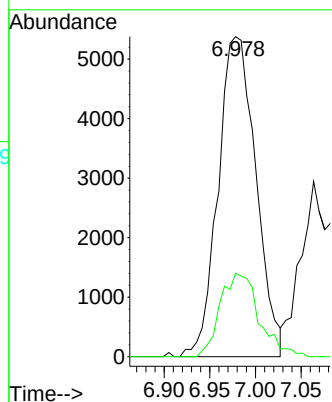
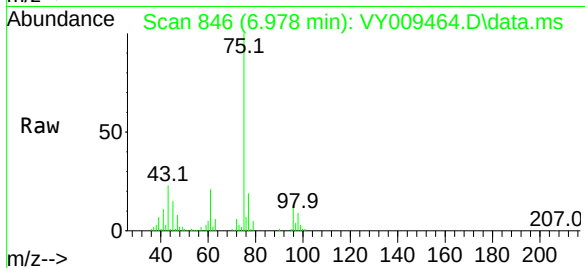
VSTDIC005

Tgt Ion: 43 Resp: 15488

Ion Ratio Lower Upper

43 100

72 26.1 17.7 26.5



#26

2,2-Dichloropropane

Concen: 5.143 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009464.D

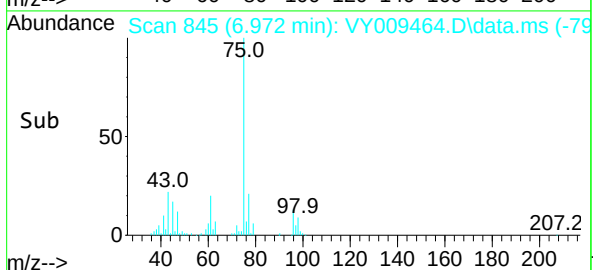
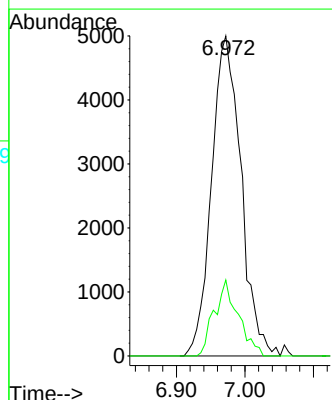
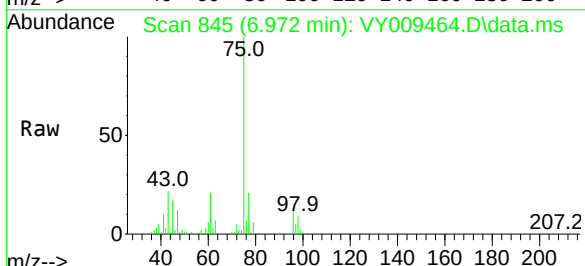
Acq: 07 Jul 2022 11:29

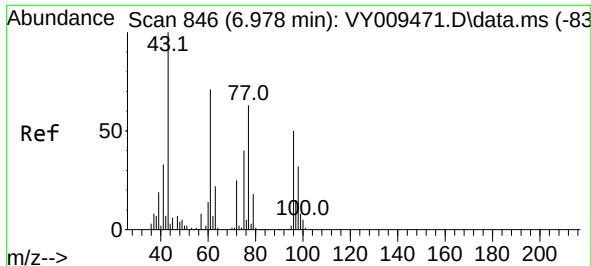
Tgt Ion: 77 Resp: 14892

Ion Ratio Lower Upper

77 100

97 19.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.374 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

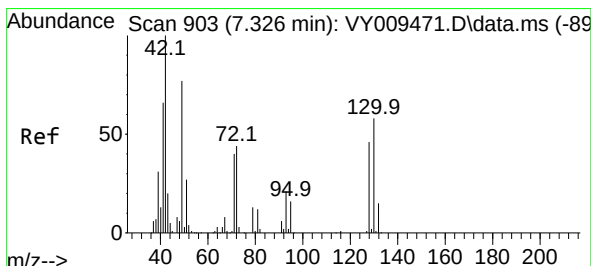
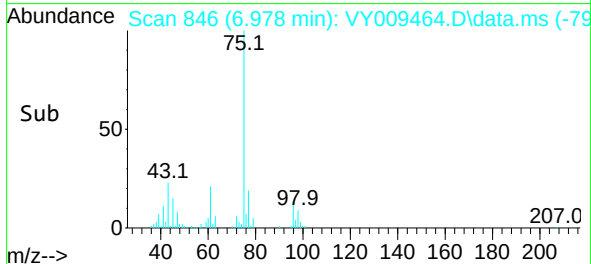
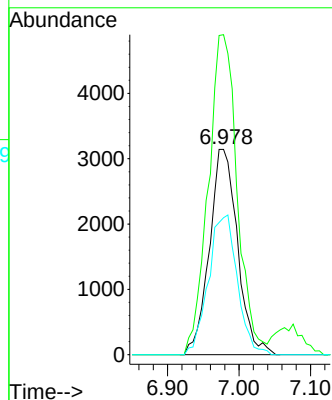
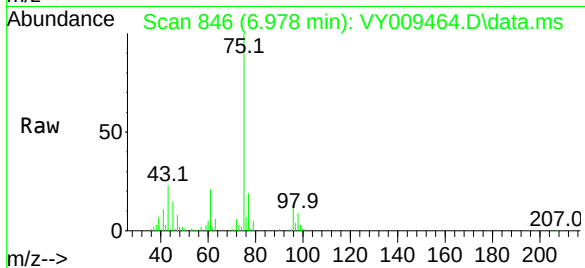
Tgt Ion: 96 Resp: 8593

Ion Ratio Lower Upper

96 100

61 160.5 0.0 319.8

98 69.9 0.0 127.0



#28

Bromochloromethane

Concen: 5.308 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

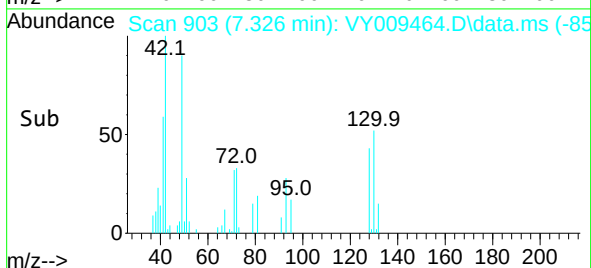
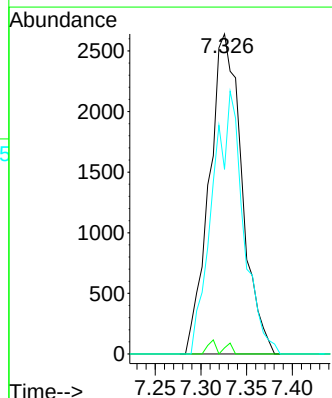
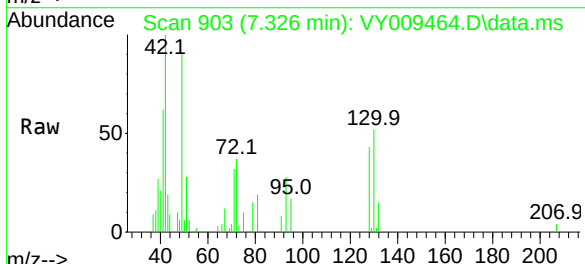
Tgt Ion: 49 Resp: 6554

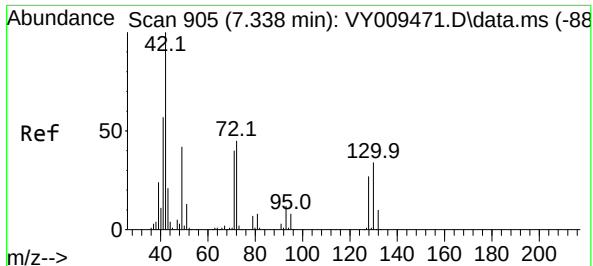
Ion Ratio Lower Upper

49 100

129 1.0 0.0 2.2

130 78.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 24.228 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

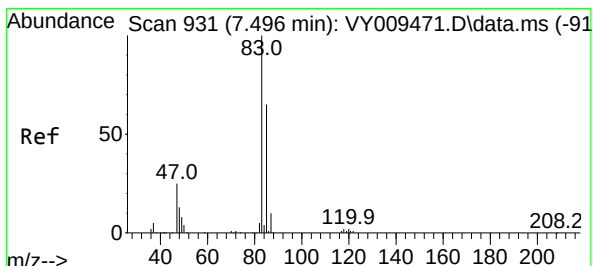
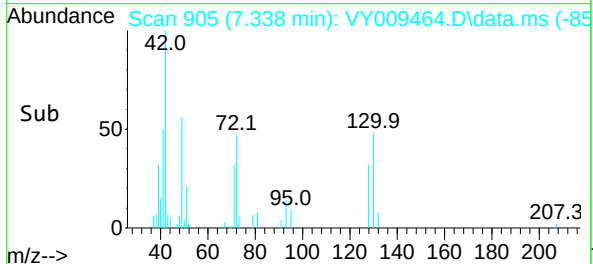
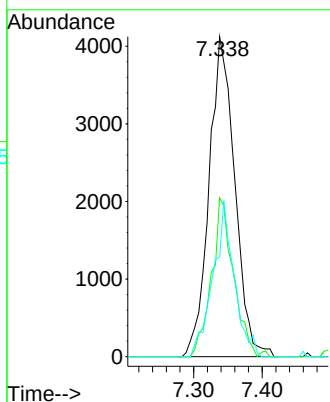
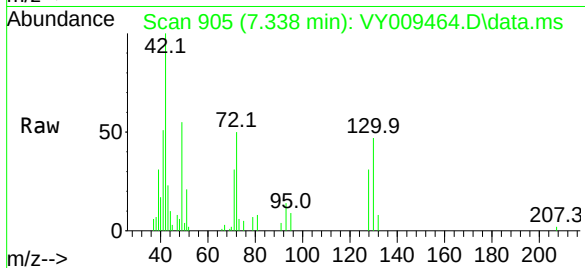
Tgt Ion: 42 Resp: 10736

Ion Ratio Lower Upper

42 100

72 42.3 30.3 45.5

71 40.0 29.0 43.4



#30

Chloroform

Concen: 5.212 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY009464.D

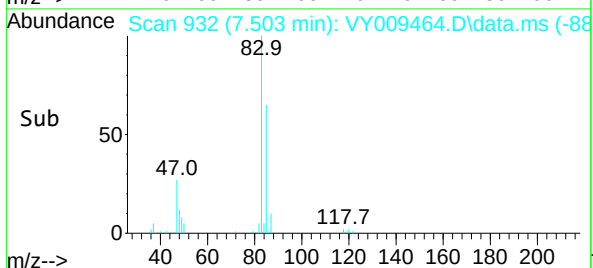
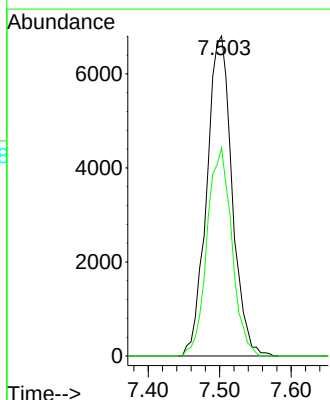
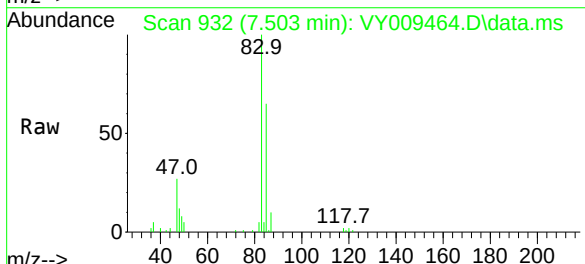
Acq: 07 Jul 2022 11:29

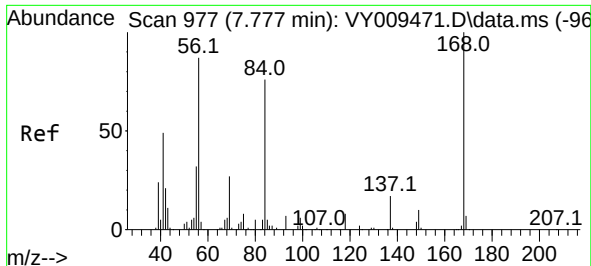
Tgt Ion: 83 Resp: 16757

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

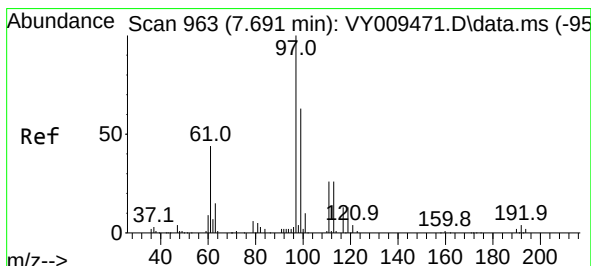
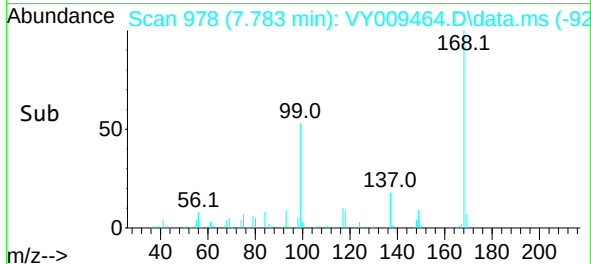
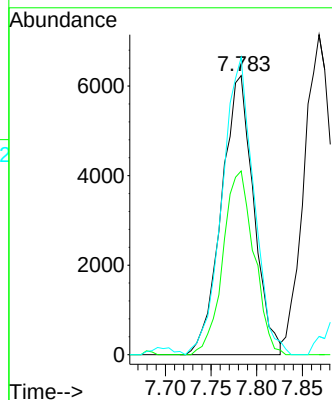
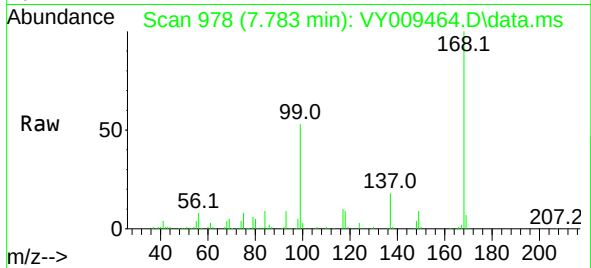




#31
Cyclohexane
Concen: 5.339 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

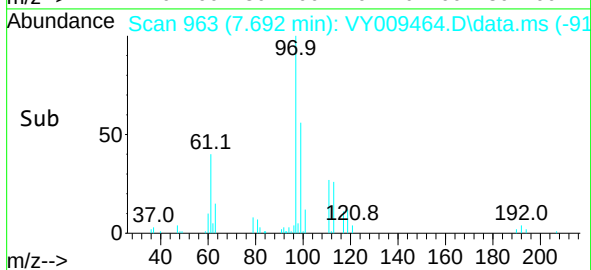
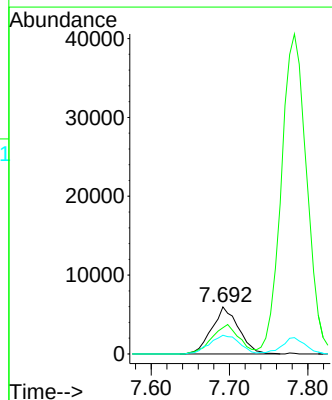
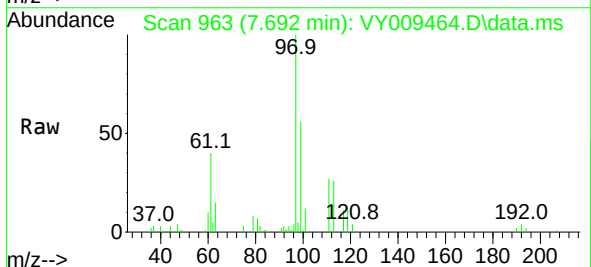
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

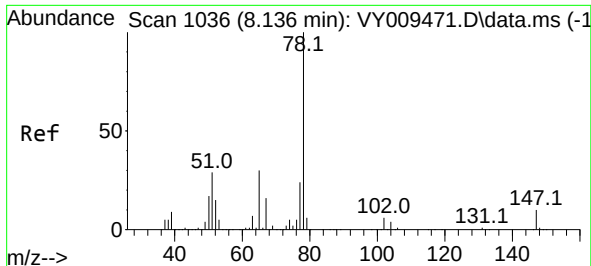
Tgt Ion: 56 Resp: 15250
Ion Ratio Lower Upper
56 100
69 65.8 26.7 40.1#
84 105.4 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.993 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 97 Resp: 14154
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 6.319 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

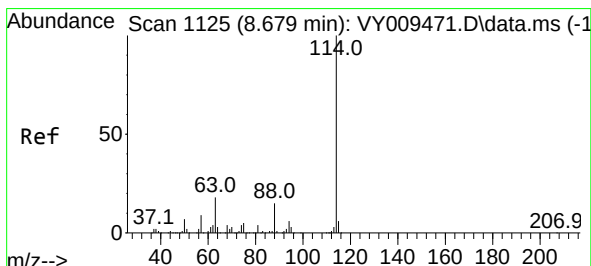
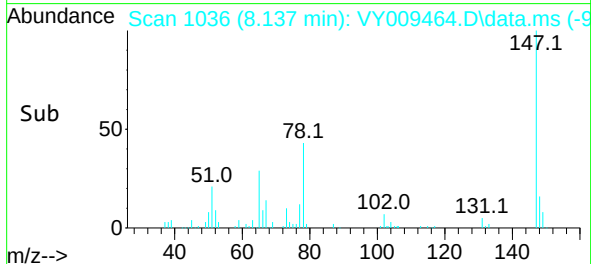
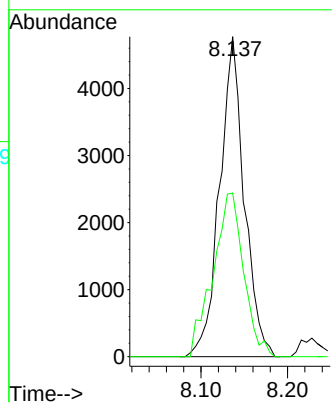
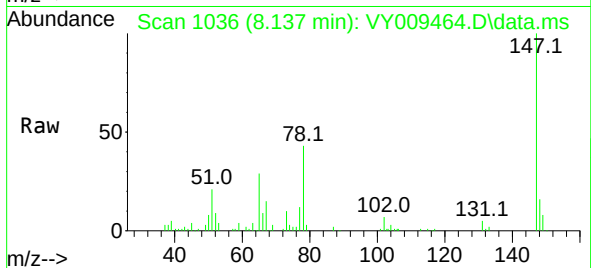
VSTDIC005

Tgt Ion: 65 Resp: 9404

Ion Ratio Lower Upper

65 100

67 63.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

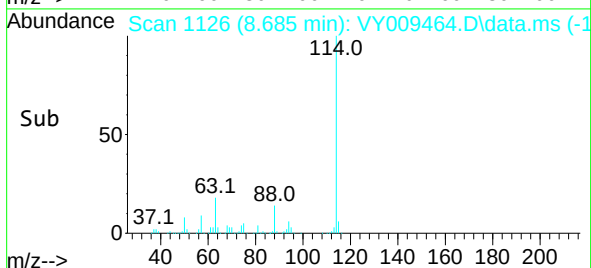
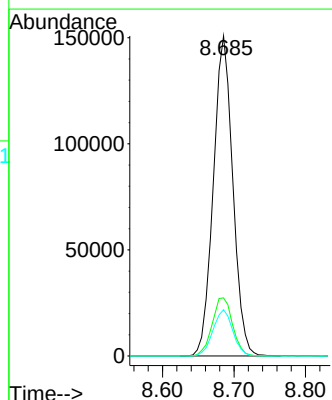
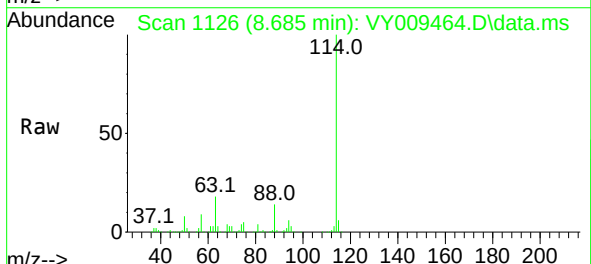
Tgt Ion: 114 Resp: 285564

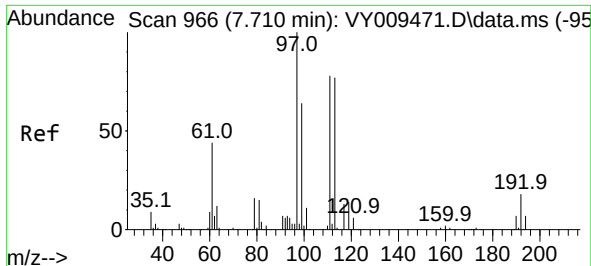
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.5 0.0 31.8

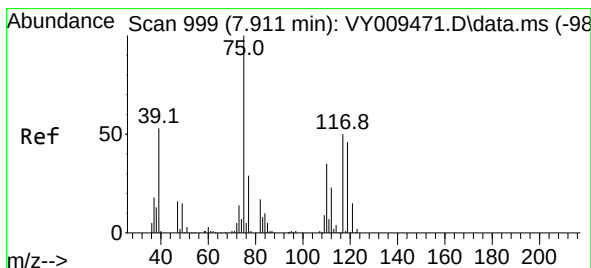
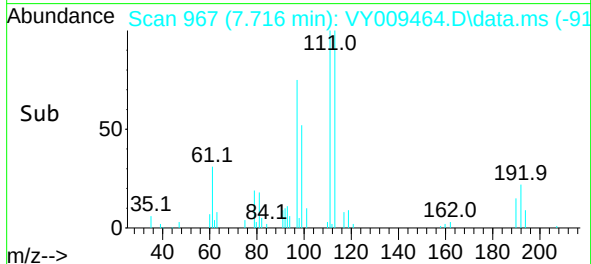
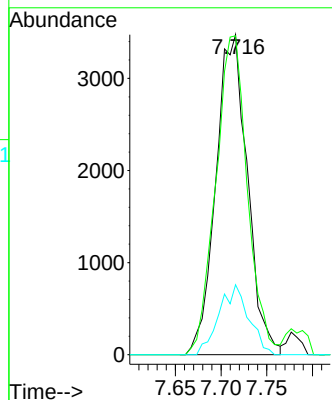
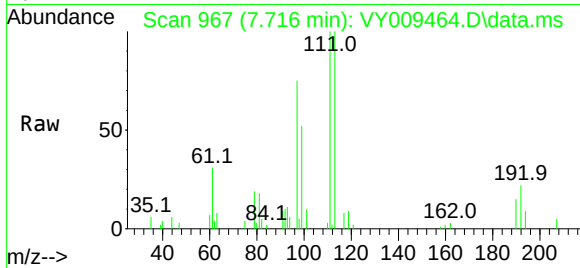




#35
 Dibromofluoromethane
 Concen: 5.565 ug/l
 RT: 7.716 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

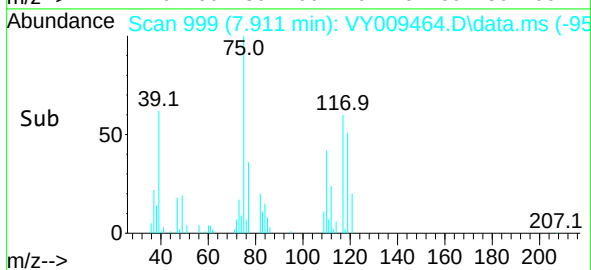
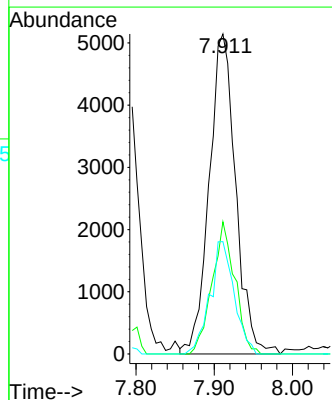
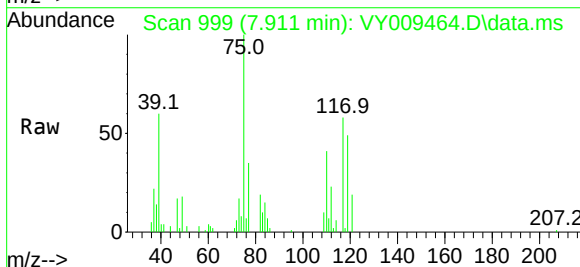
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

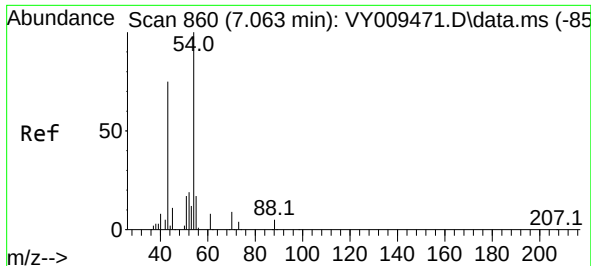
Tgt Ion:113 Resp: 8361
 Ion Ratio Lower Upper
 113 100
 111 100.1 82.6 124.0
 192 20.6 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 4.943 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

Tgt Ion: 75 Resp: 12091
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.1 51.2
 77 32.1 24.4 36.6

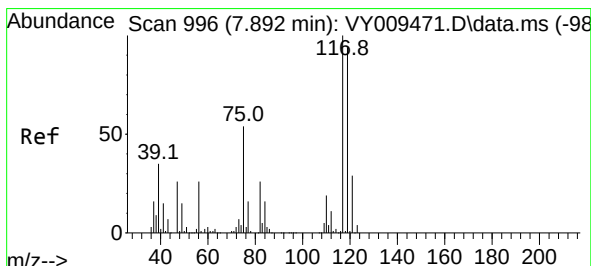
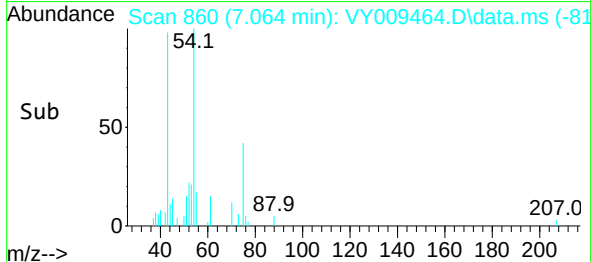
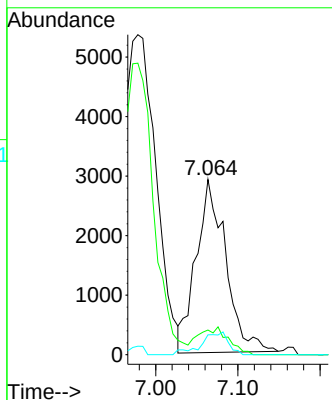
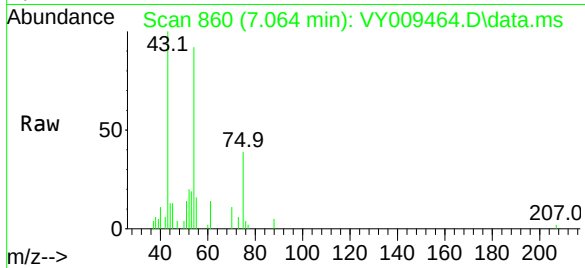




#37
Ethyl Acetate
Concen: 4.743 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

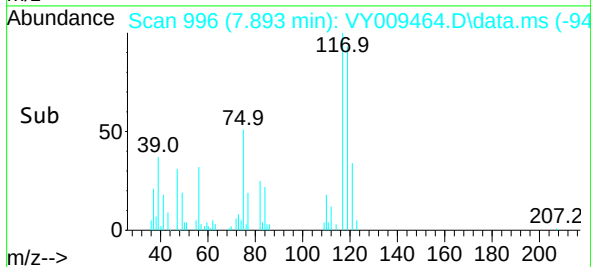
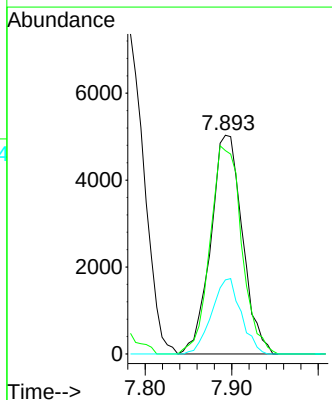
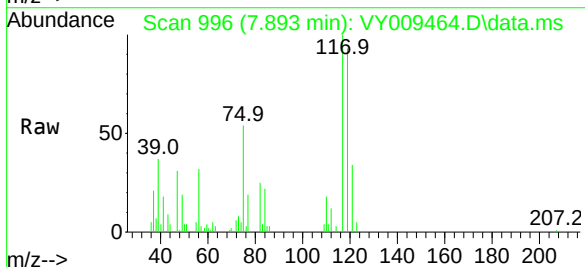
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

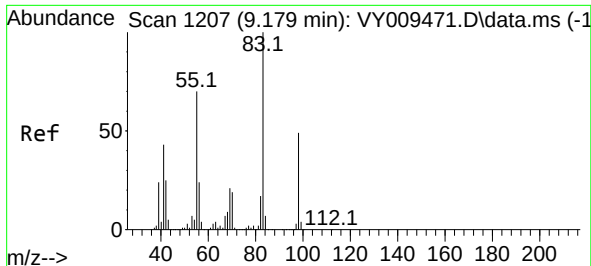
Tgt Ion: 43 Resp: 7273
Ion Ratio Lower Upper
43 100
61 16.3 9.7 14.5#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.887 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 117 Resp: 12784
Ion Ratio Lower Upper
117 100
119 93.0 77.9 116.9
121 33.9 24.8 37.2





#39

Methylcyclohexane

Concen: 4.511 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

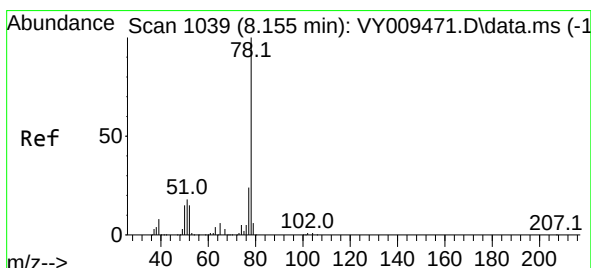
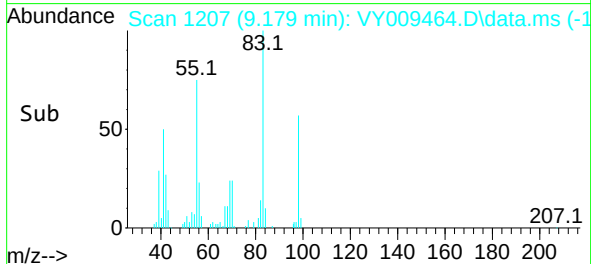
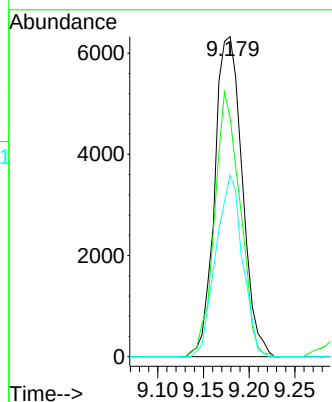
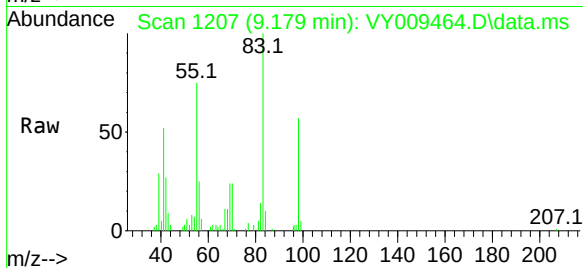
Tgt Ion: 83 Resp: 13246

Ion Ratio Lower Upper

83 100

55 74.8 66.5 99.7

98 56.7 37.9 56.9



#40

Benzene

Concen: 4.856 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009464.D

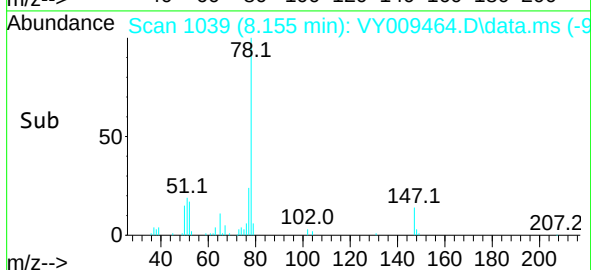
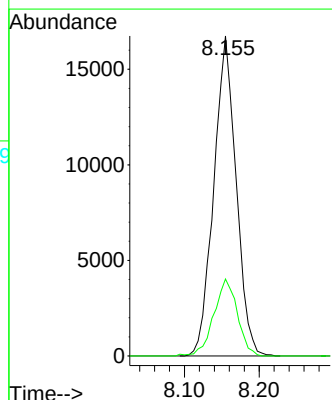
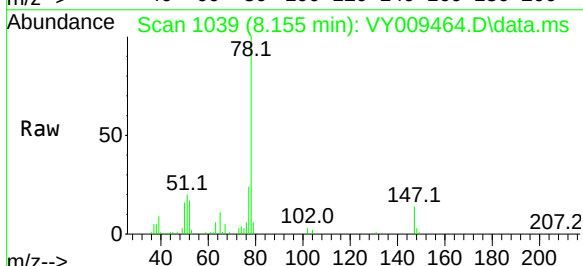
Acq: 07 Jul 2022 11:29

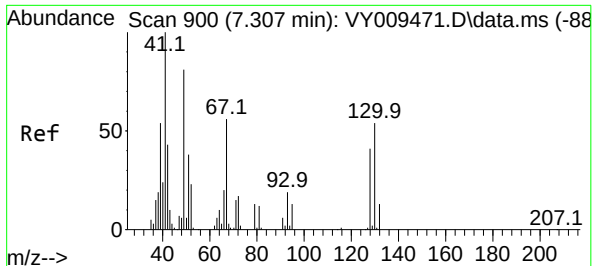
Tgt Ion: 78 Resp: 34880

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

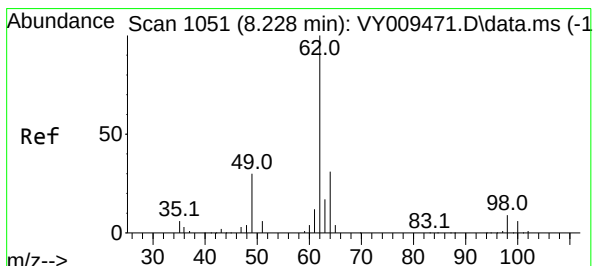
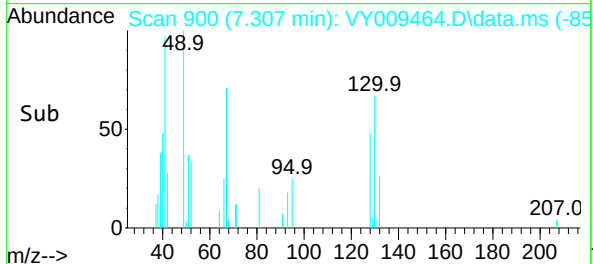
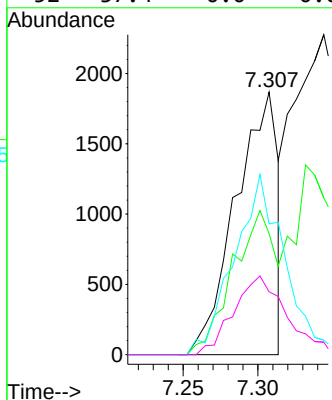
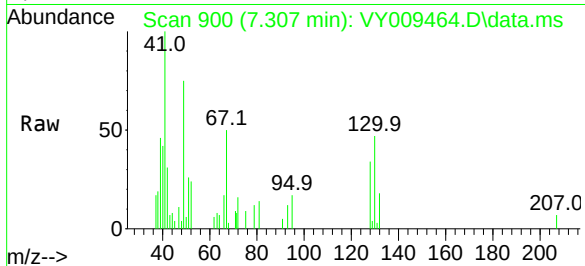




#41
Methacrylonitrile
Concen: 2.574 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

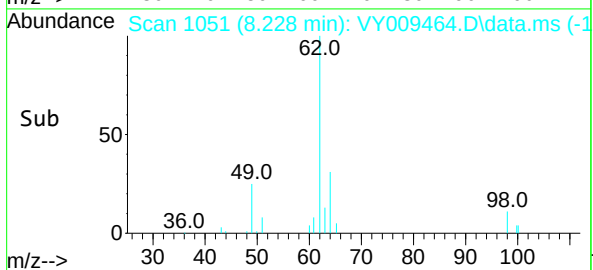
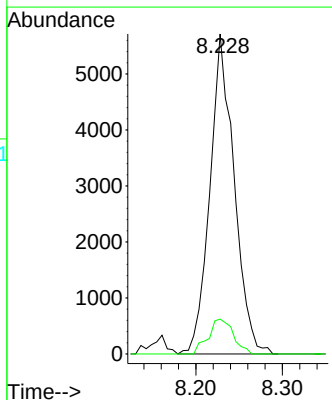
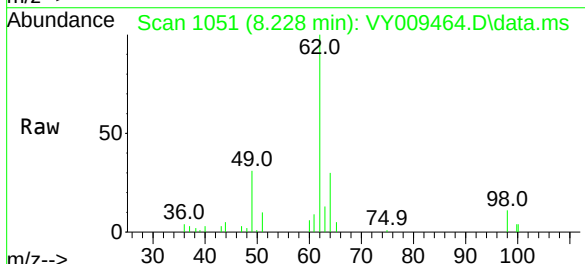
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

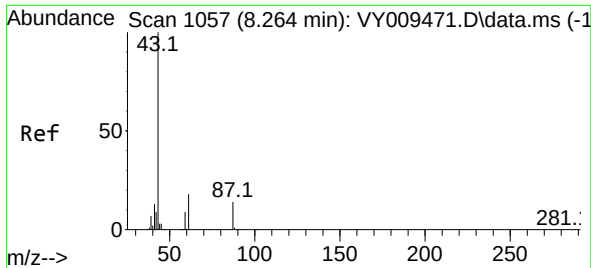
Tgt Ion:	41	Resp:	3671
Ion	Ratio	Lower	Upper
41	100		
39	55.1	92.9	139.3#
67	81.2	0.0	0.0#
52	37.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.160 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion:	62	Resp:	11127
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	14.8

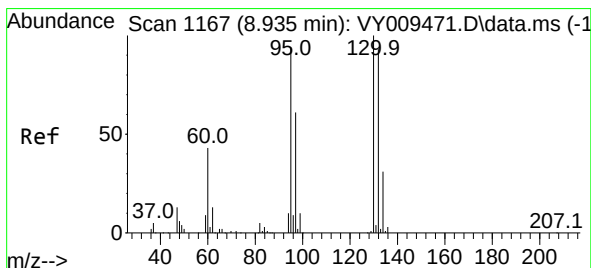
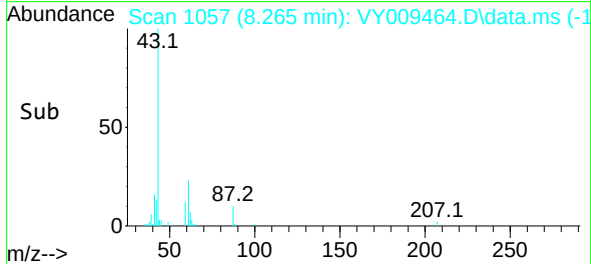
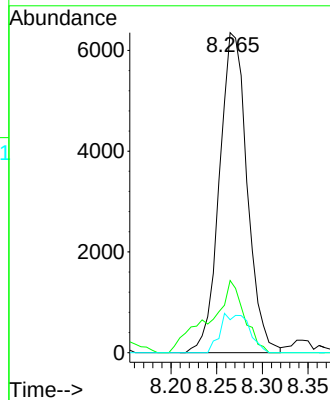
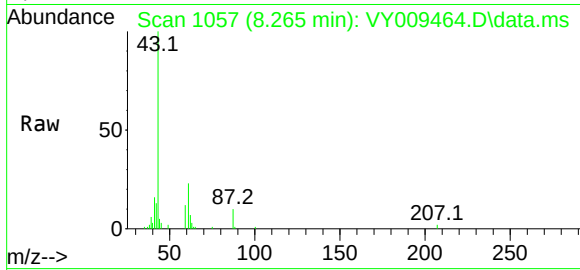




#43
Isopropyl Acetate
Concen: 4.695 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

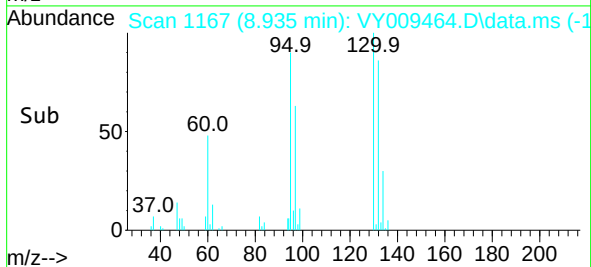
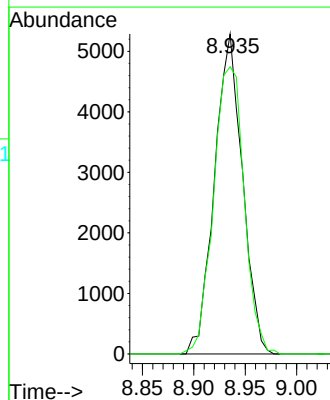
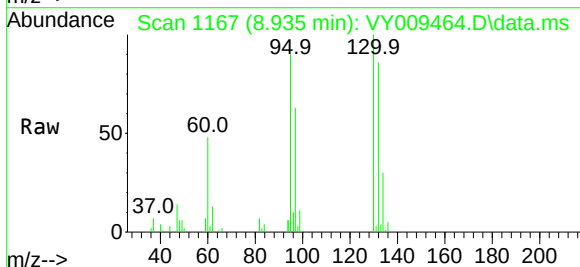
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

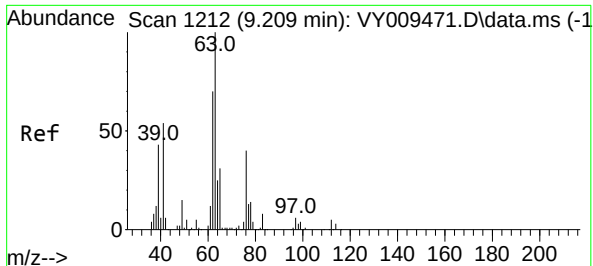
Tgt Ion:	43	Resp:	13432
Ion	Ratio	Lower	Upper
43	100		
61	28.5	20.2	30.2
87	12.6	8.9	13.3



#44
Trichloroethene
Concen: 4.929 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion:	130	Resp:	10002
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	188.2





#45

1,2-Dichloropropane

Concen: 4.849 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

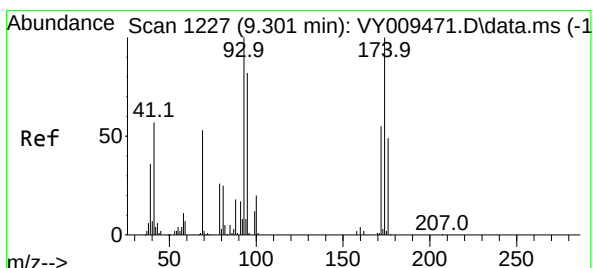
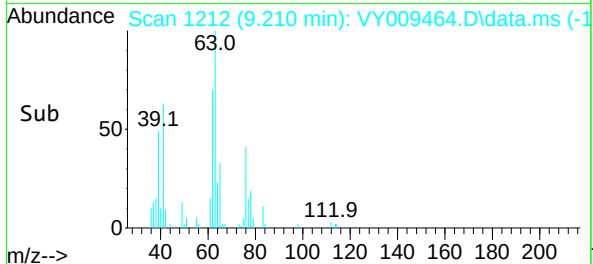
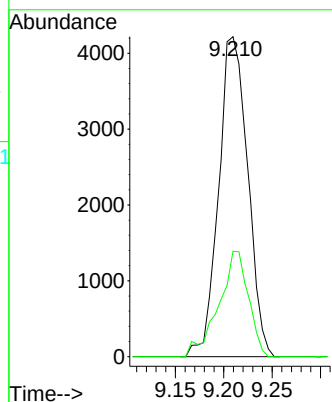
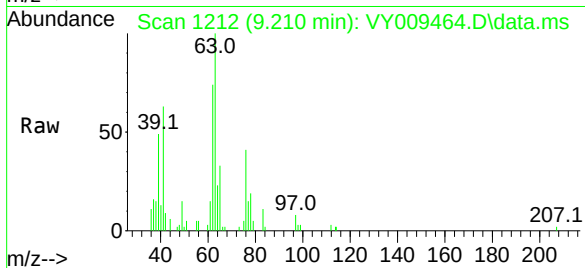
VSTDIC005

Tgt Ion: 63 Resp: 8815

Ion Ratio Lower Upper

63 100

65 32.9 23.0 34.6



#46

Dibromomethane

Concen: 4.707 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

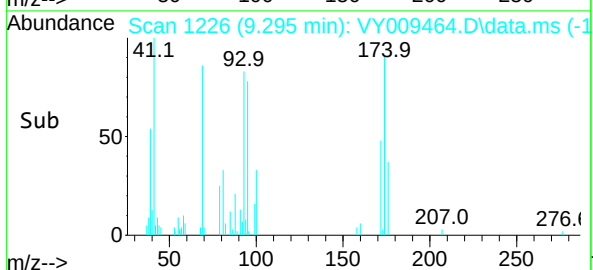
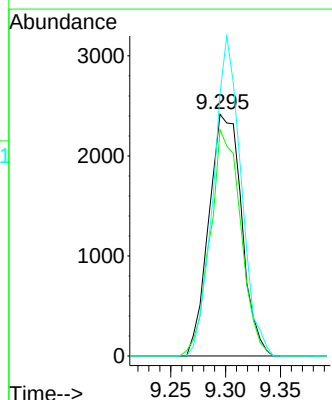
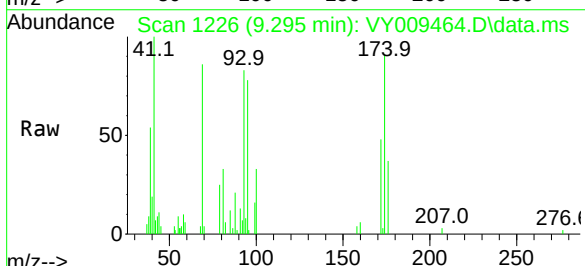
Tgt Ion: 93 Resp: 5022

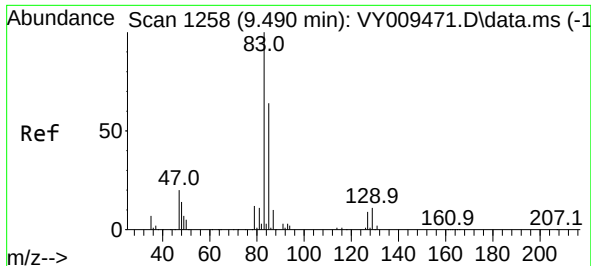
Ion Ratio Lower Upper

93 100

95 87.7 64.3 96.5

174 111.5 83.4 125.0

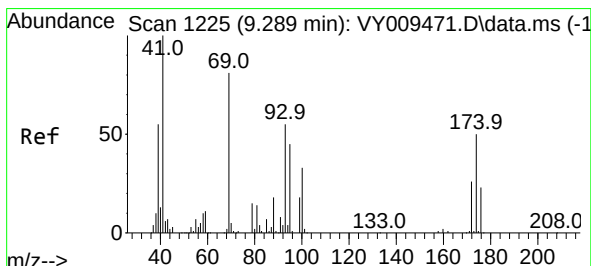
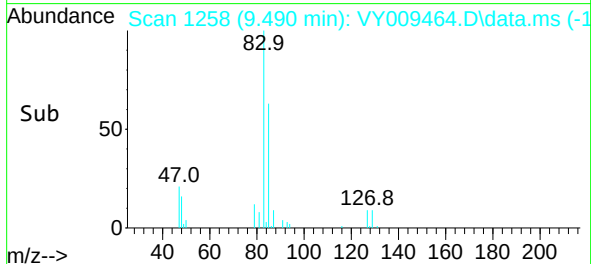
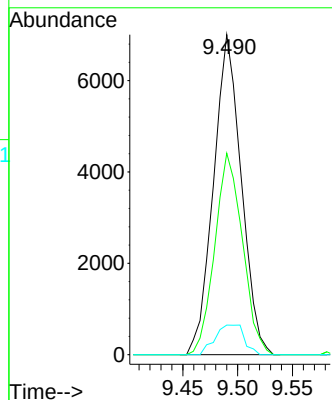
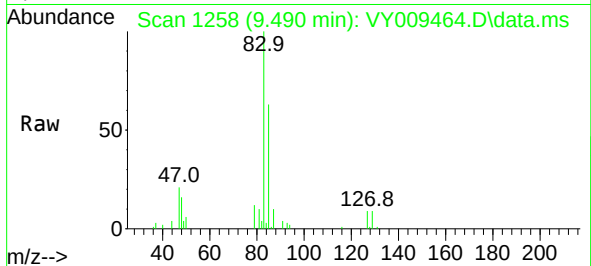




#47
Bromodichloromethane
Concen: 4.864 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

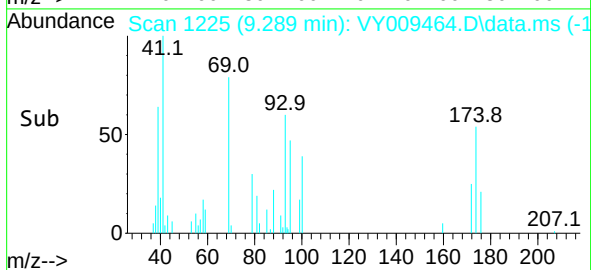
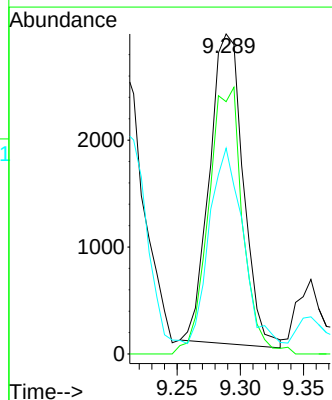
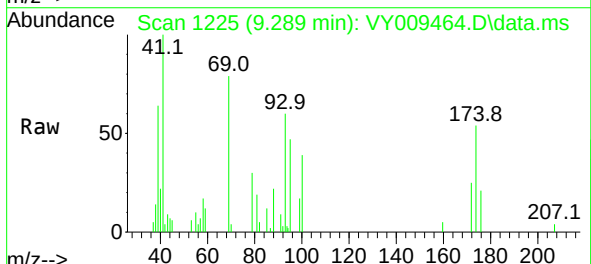
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

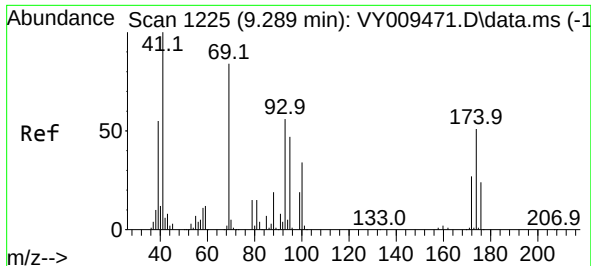
Tgt Ion: 83	Resp:	12351
Ion Ratio	Lower	Upper
83	100	
85	63.0	51.9 77.9
127	9.3	6.6 10.0



#48
Methyl methacrylate
Concen: 4.360 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 41	Resp:	5374	
Ion	Ratio	Lower	Upper
41	100		
69	87.1	58.2	87.2
39	64.2	47.4	71.0





#49

1,4-Dioxane

Concen: 87.891 ug/l

RT: 9.289 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

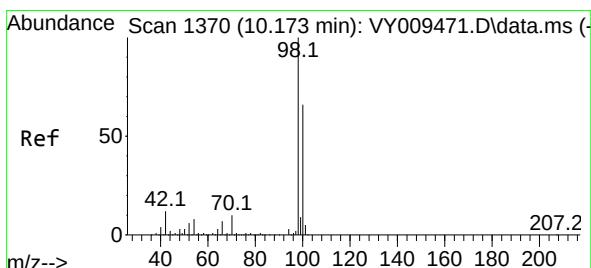
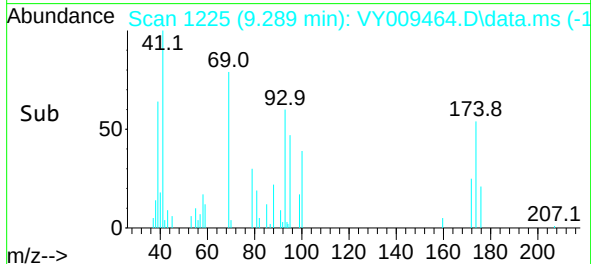
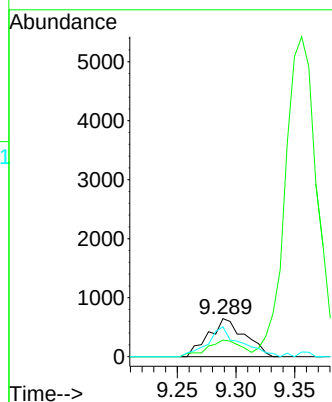
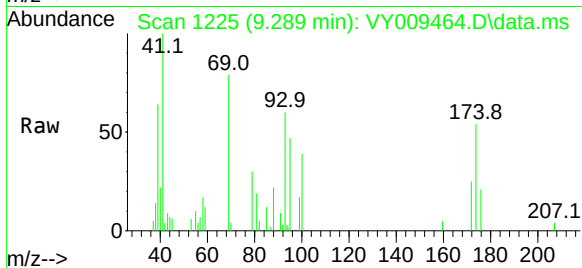
Tgt Ion: 88 Resp: 1381

Ion Ratio Lower Upper

88 100

43 41.1 32.8 49.2

58 70.5 59.8 89.6



#50

Toluene-d8

Concen: 6.179 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009464.D

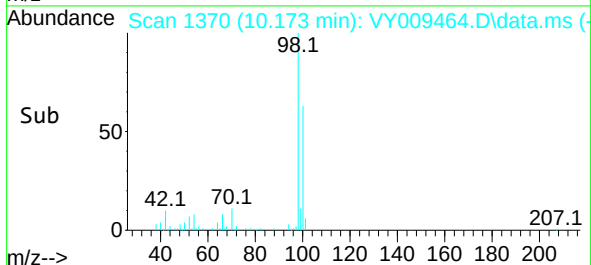
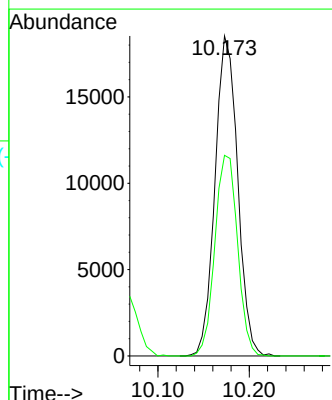
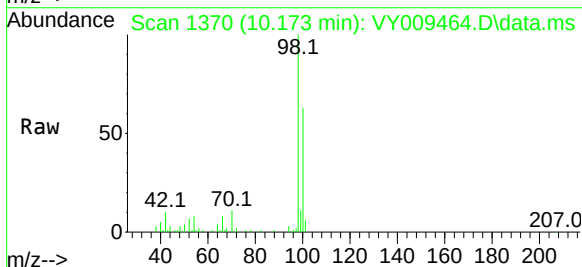
Acq: 07 Jul 2022 11:29

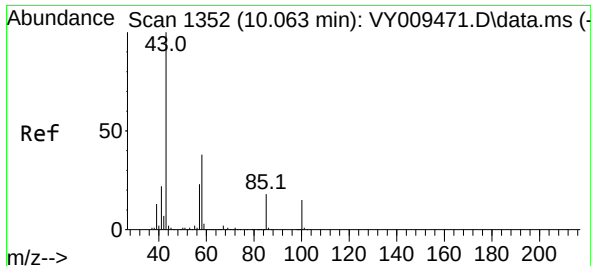
Tgt Ion: 98 Resp: 31896

Ion Ratio Lower Upper

98 100

100 62.9 50.2 75.2

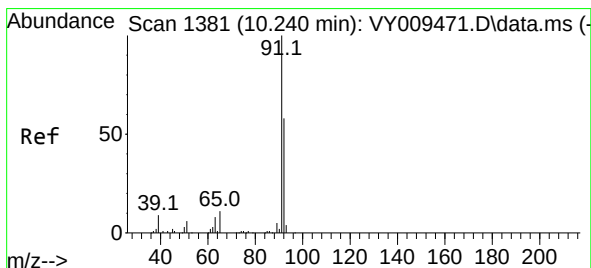
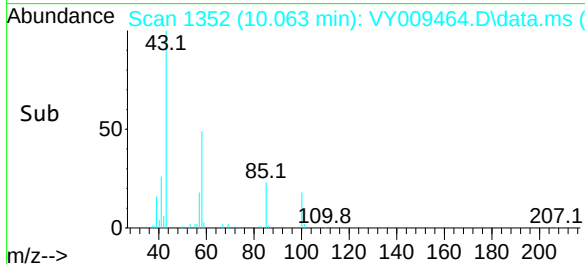
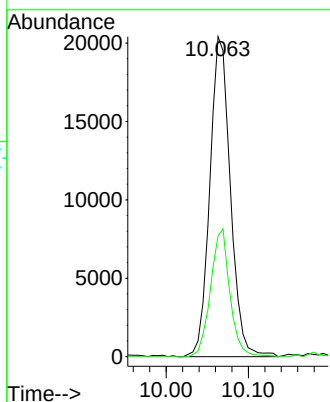
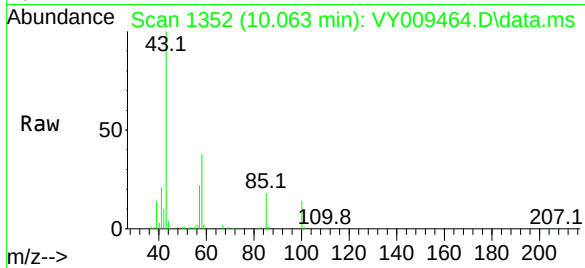




#51
4-Methyl-2-Pentanone
Concen: 23.559 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

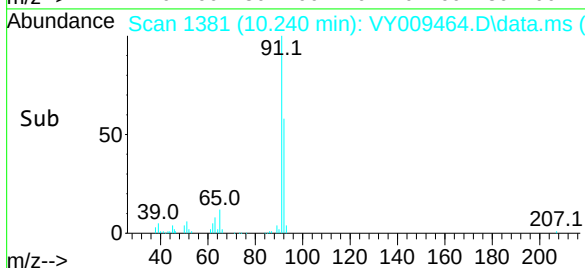
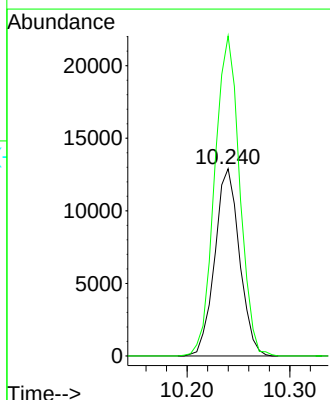
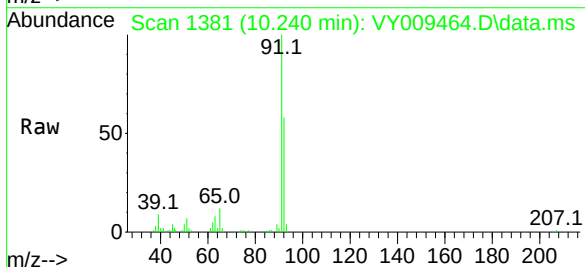
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

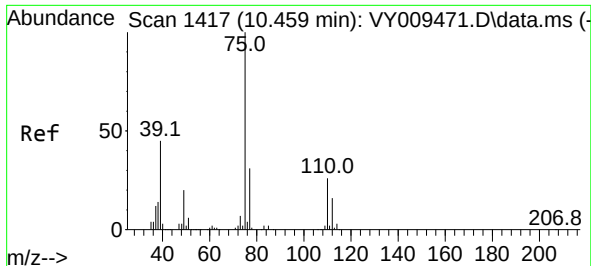
Tgt Ion: 43 Resp: 35446
Ion Ratio Lower Upper
43 100
58 37.5 28.1 42.1



#52
Toluene
Concen: 4.694 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 92 Resp: 21486
Ion Ratio Lower Upper
92 100
91 173.1 142.6 213.8

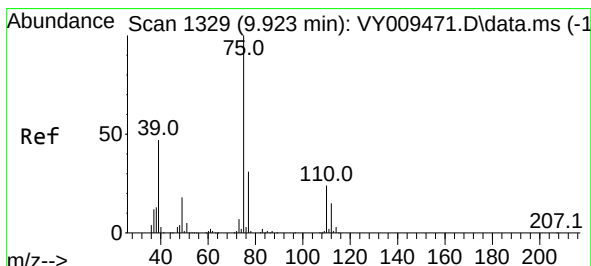
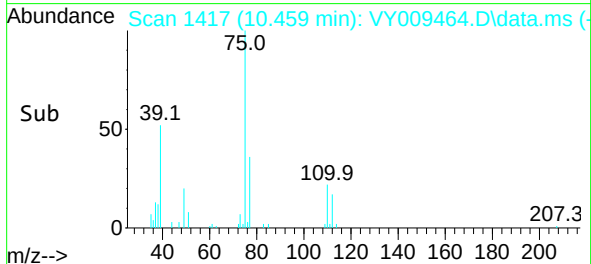
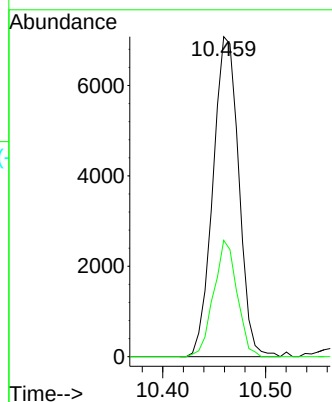
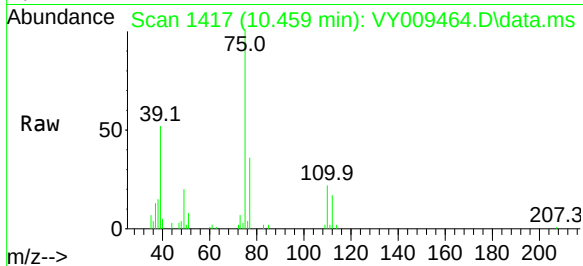




#53
 t-1,3-Dichloropropene
 Concen: 4.622 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

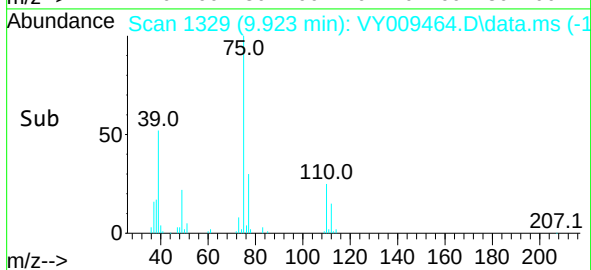
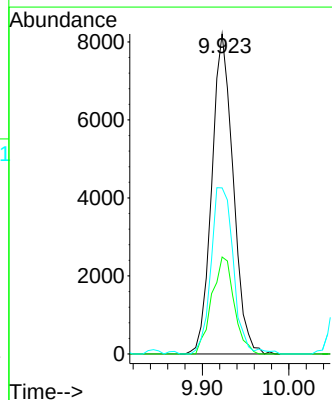
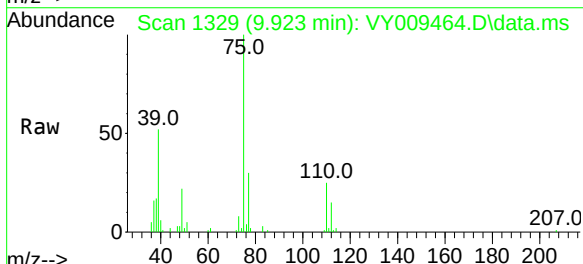
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

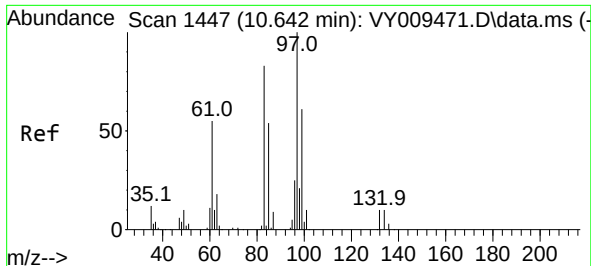
Tgt Ion: 75 Resp: 12369
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.712 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

Tgt Ion: 75 Resp: 14062
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4
 39 51.9 47.6 71.4

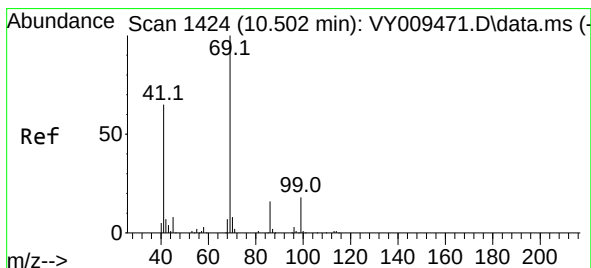
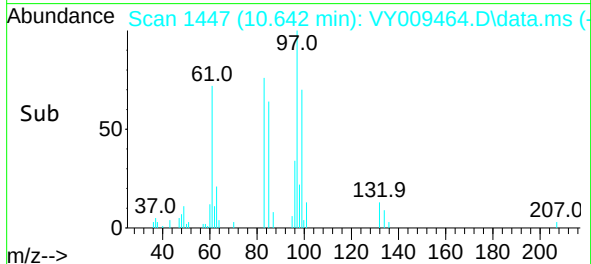
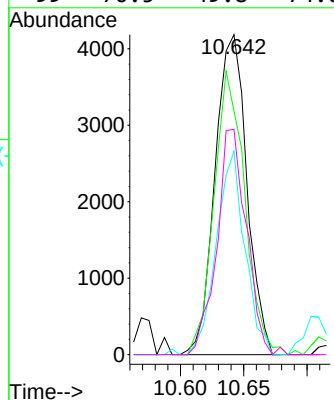
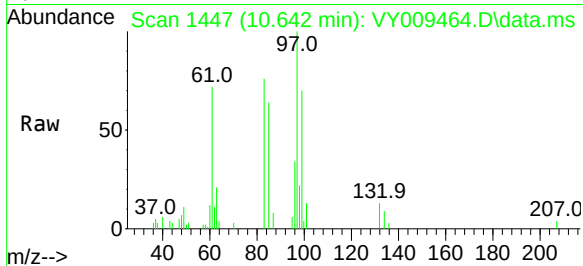




#55
1,1,2-Trichloroethane
Concen: 4.751 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

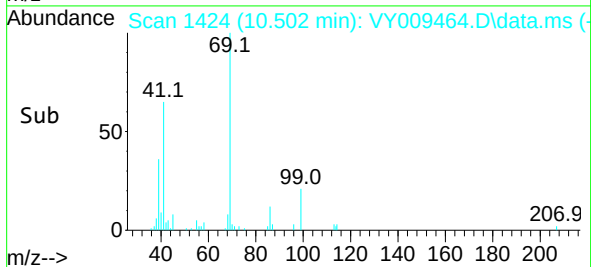
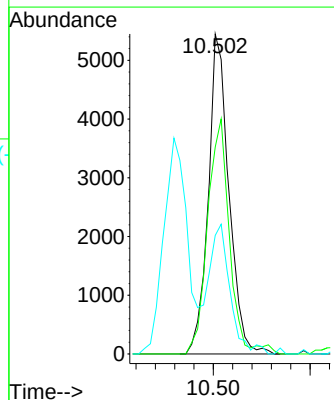
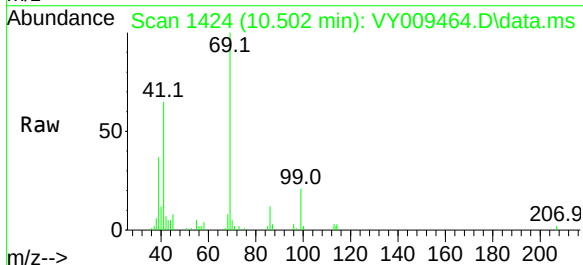
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

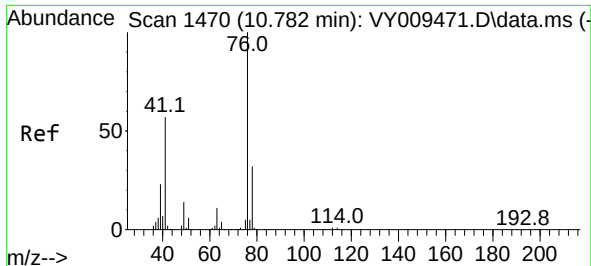
Tgt Ion: 97	Resp: 7313
Ion Ratio	Lower Upper
97 100	
83 76.2	69.8 104.8
85 63.5	44.3 66.5
99 70.5	49.8 74.6



#56
Ethyl methacrylate
Concen: 3.941 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 69	Resp: 8054
Ion Ratio	Lower Upper
69 100	
41 76.1	63.4 95.0
39 43.0	35.8 53.8





#57

1,3-Dichloropropane

Concen: 4.790 ug/l

RT: 10.789 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

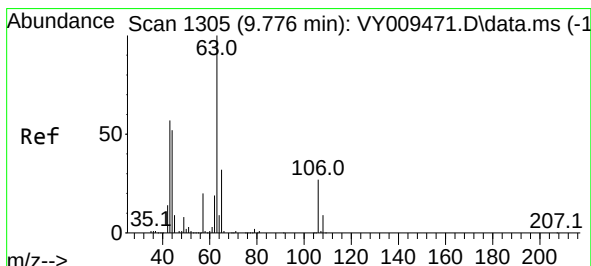
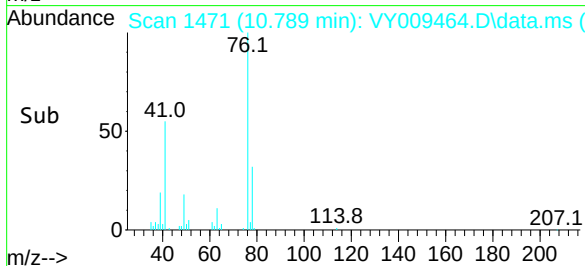
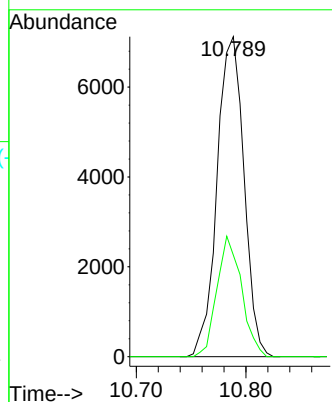
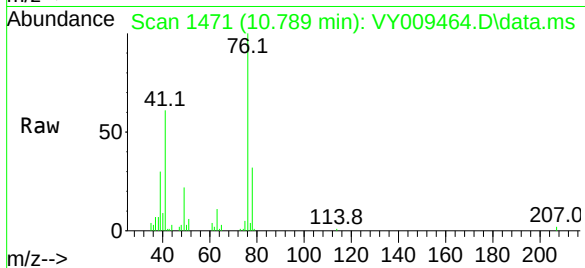
VSTDIC005

Tgt Ion: 76 Resp: 12154

Ion Ratio Lower Upper

76 100

78 34.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.670 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009464.D

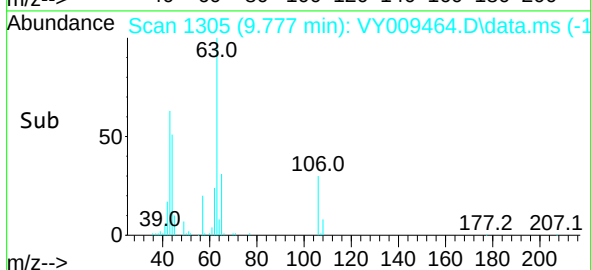
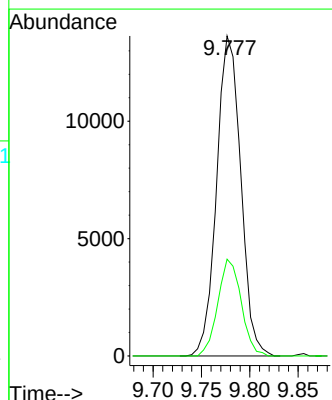
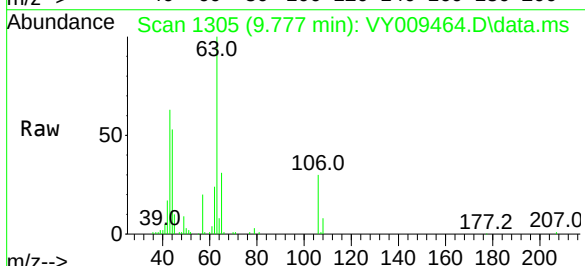
Acq: 07 Jul 2022 11:29

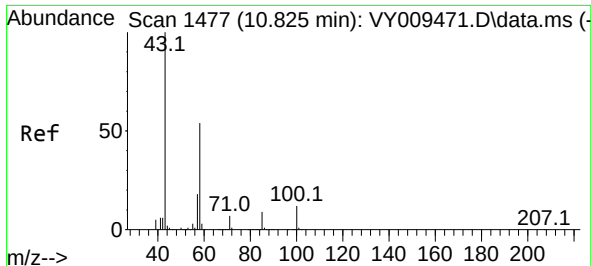
Tgt Ion: 63 Resp: 23629

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

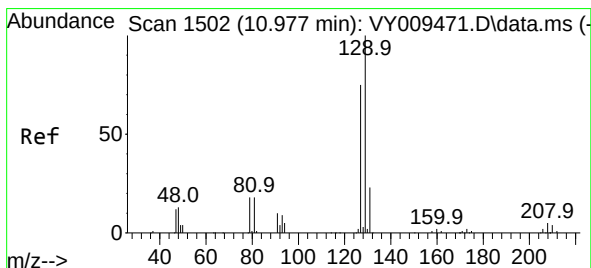
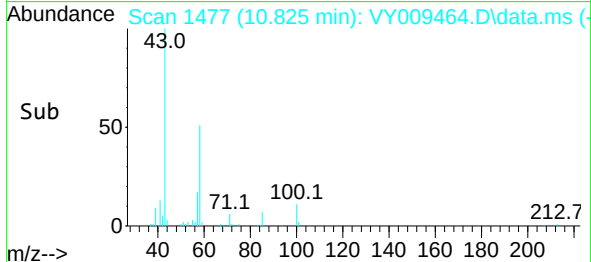
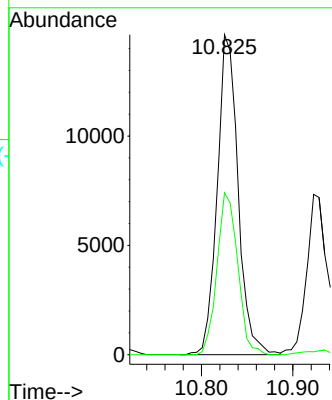
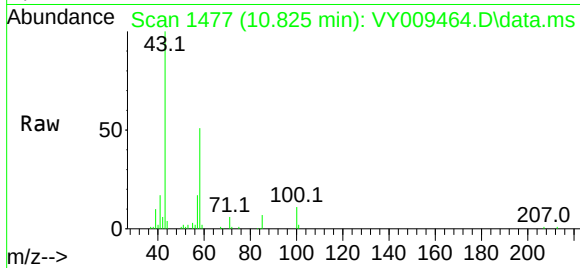




#59
2-Hexanone
Concen: 22.273 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

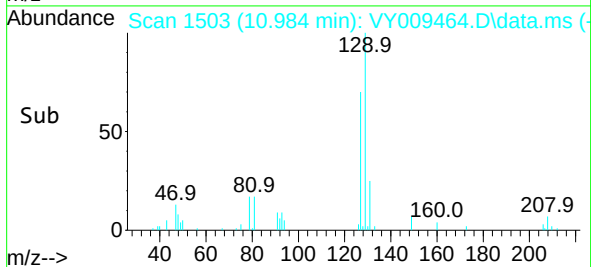
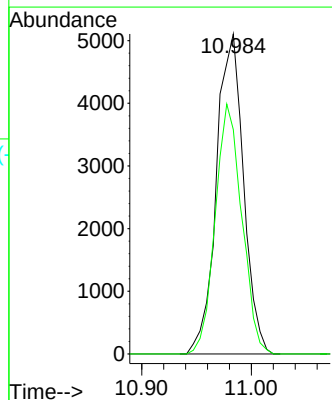
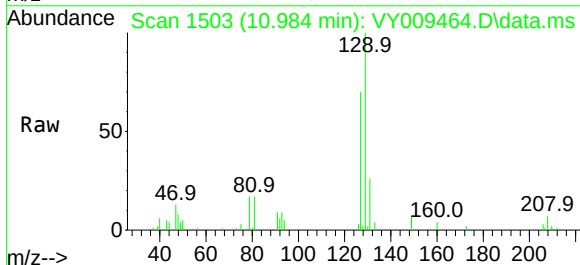
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

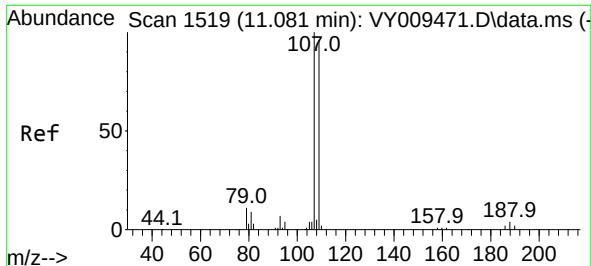
Tgt Ion: 43 Resp: 23221
Ion Ratio Lower Upper
43 100
58 50.3 24.4 73.4



#60
Dibromochloromethane
Concen: 4.701 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 129 Resp: 8763
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

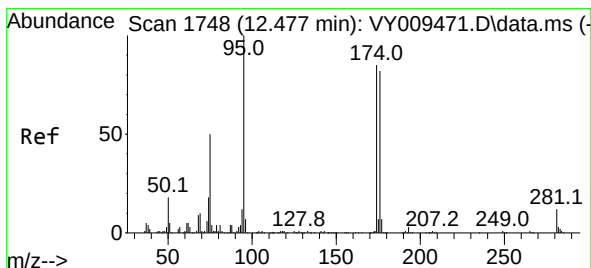
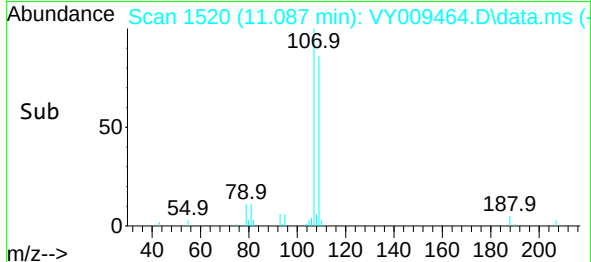
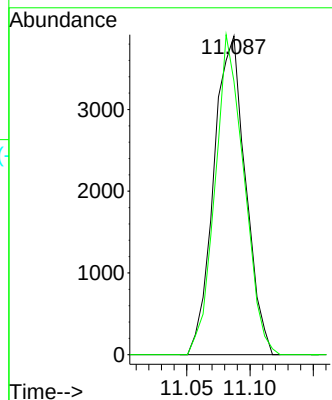
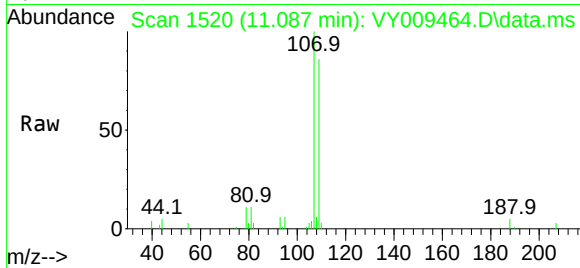




#61
1,2-Dibromoethane
Concen: 4.599 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

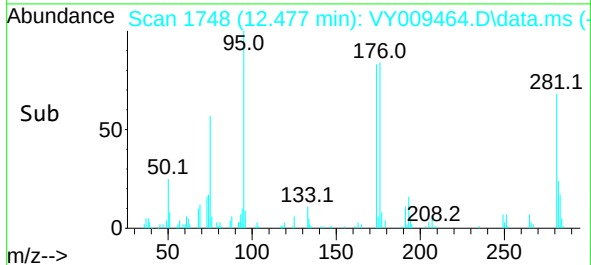
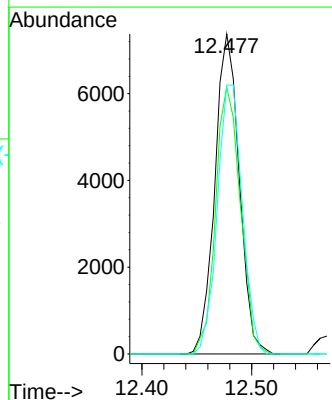
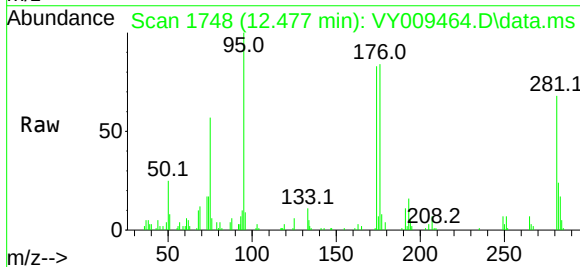
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

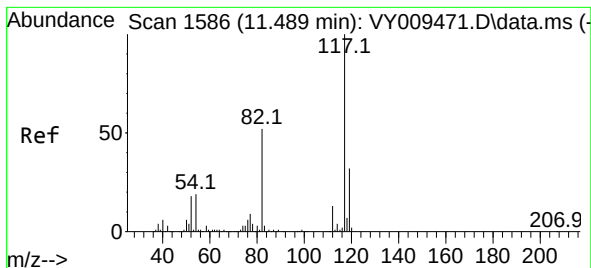
Tgt Ion:107 Resp: 6786
Ion Ratio Lower Upper
107 100
109 91.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.384 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 95 Resp: 11420
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 86.0 0.0 175.8

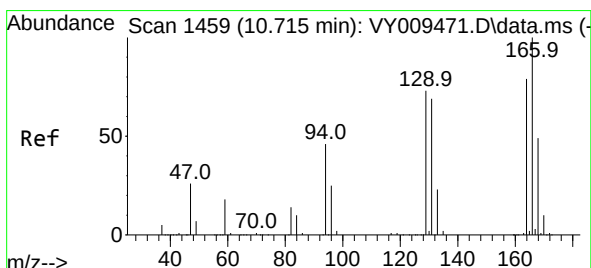
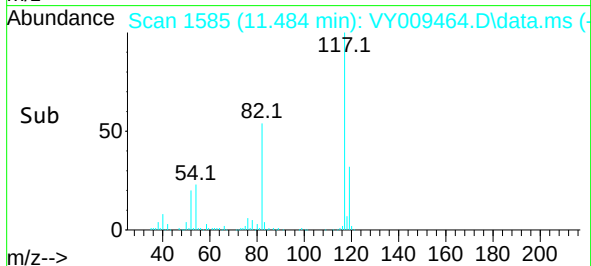
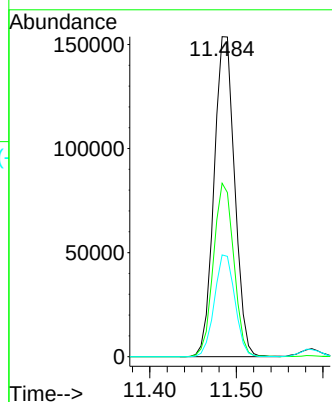
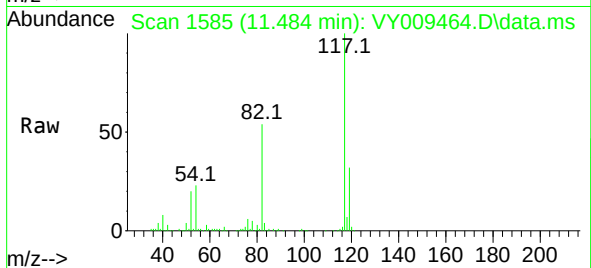




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

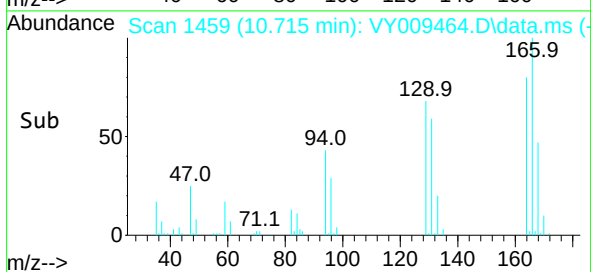
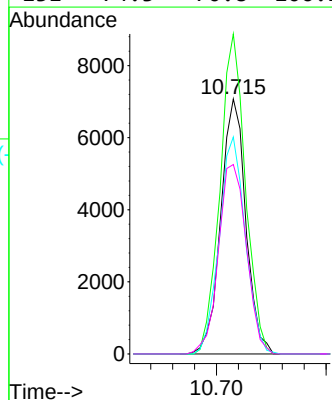
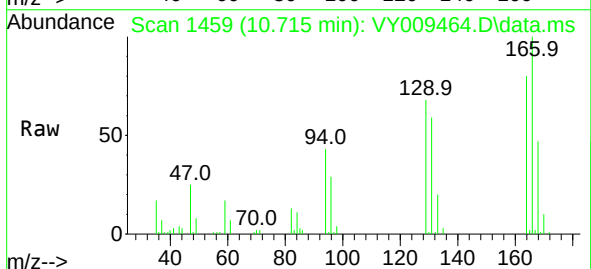
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

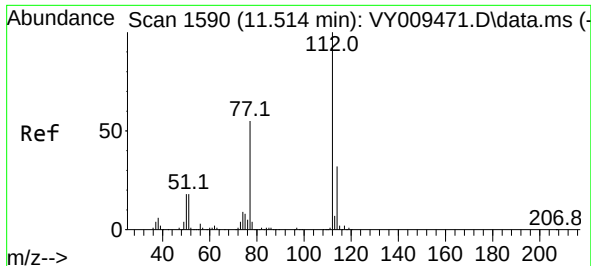
Tgt Ion:117 Resp: 254139
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 5.273 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion:164 Resp: 11205
Ion Ratio Lower Upper
164 100
166 125.4 100.4 150.6
129 85.1 71.4 107.0
131 74.3 70.8 106.2

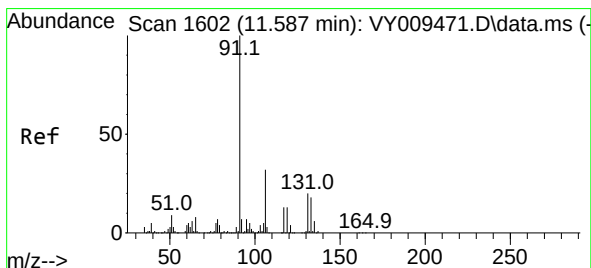
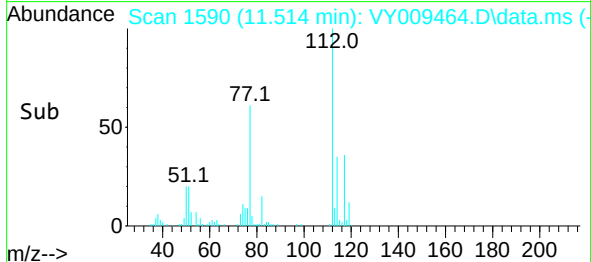
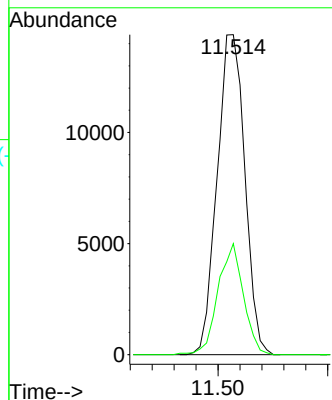
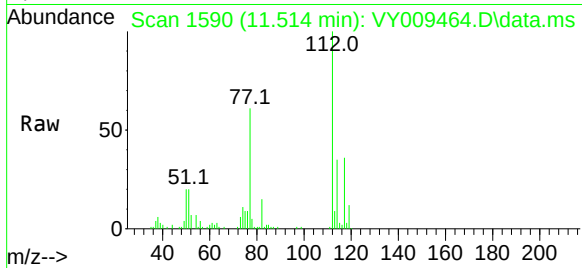




#65
Chlorobenzene
Concen: 5.062 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

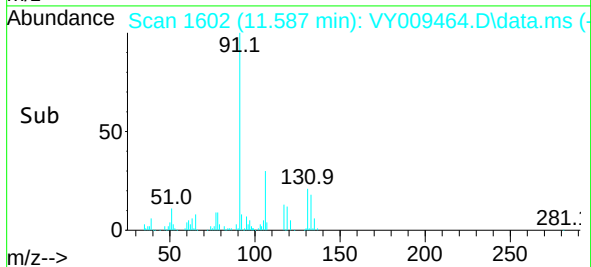
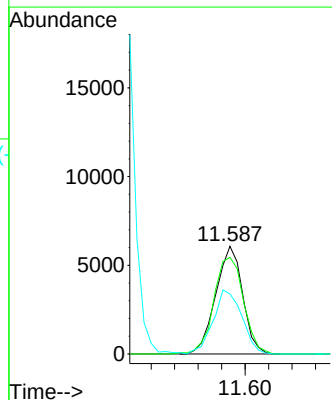
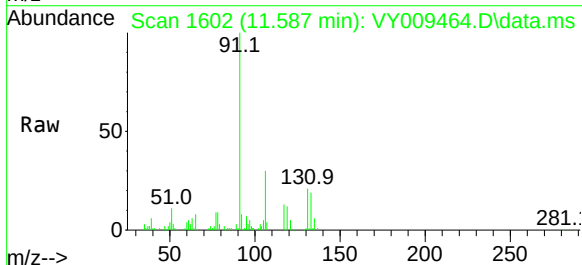
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

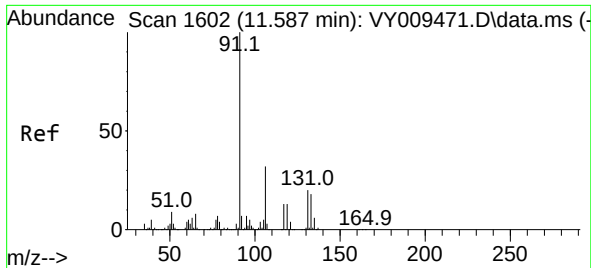
Tgt Ion:112 Resp: 25264
Ion Ratio Lower Upper
112 100
114 34.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.132 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion:131 Resp: 9635
Ion Ratio Lower Upper
131 100
133 99.1 47.9 143.6
119 63.3 30.8 92.3

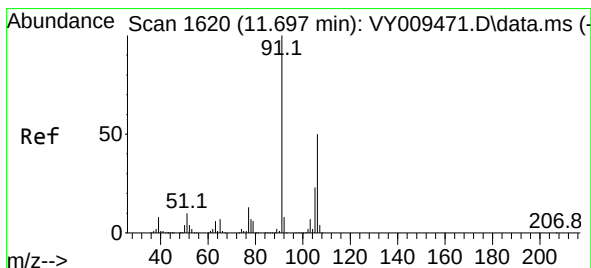
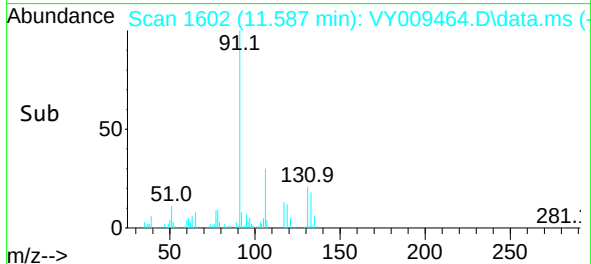
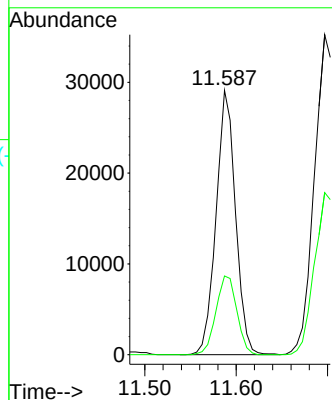
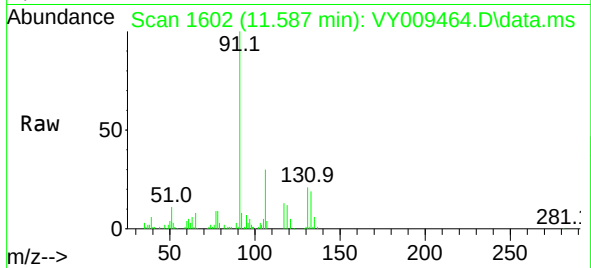




#67
Ethyl Benzene
Concen: 4.940 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

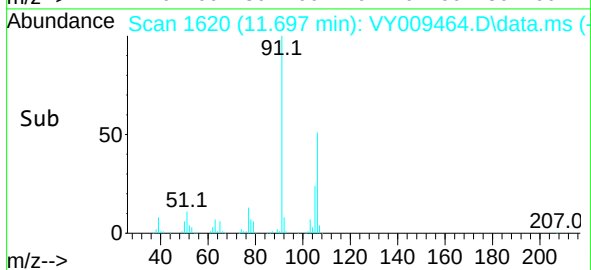
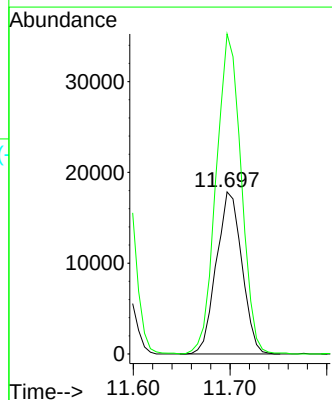
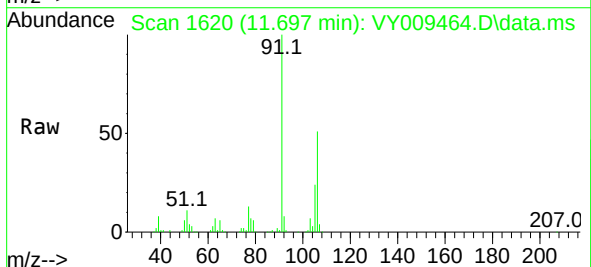
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

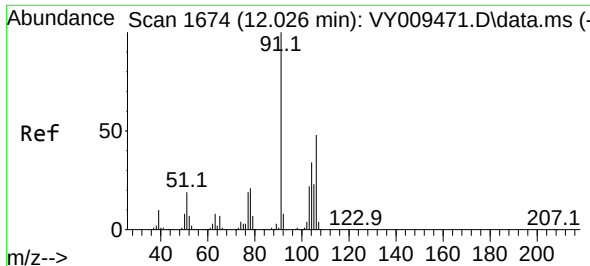
Tgt Ion: 91 Resp: 43047
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7



#68
m/p-Xylenes
Concen: 9.615 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 106 Resp: 32676
Ion Ratio Lower Upper
106 100
91 193.8 166.6 249.8

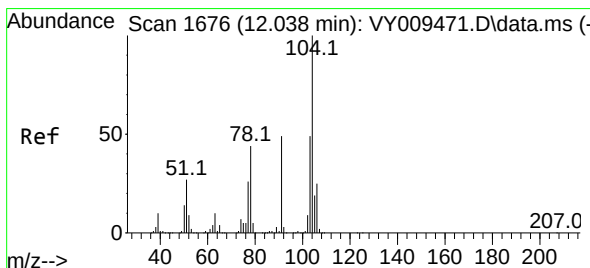
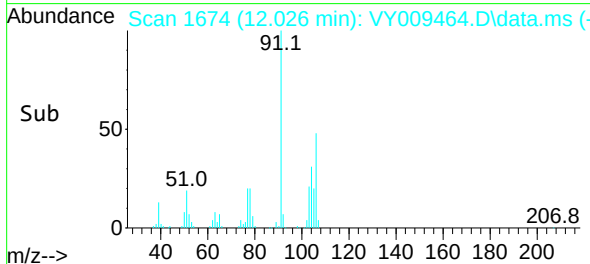
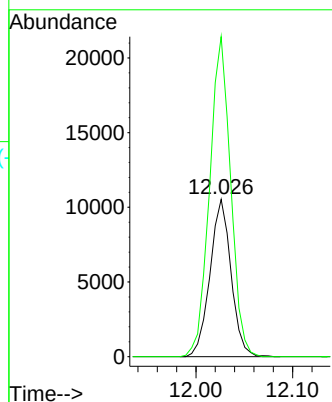
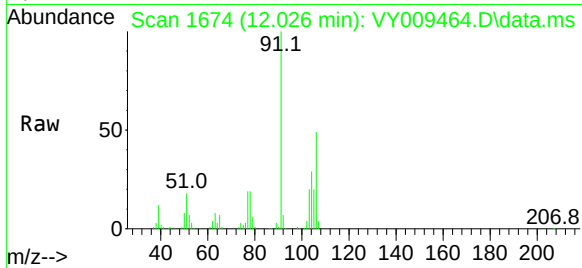




#69
o-Xylene
Concen: 4.890 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

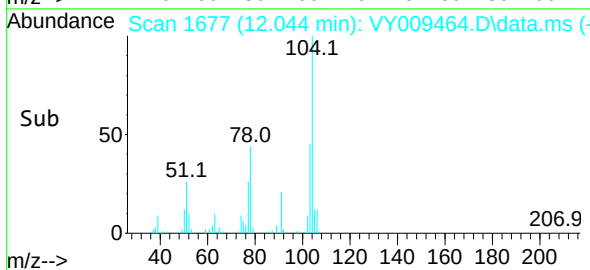
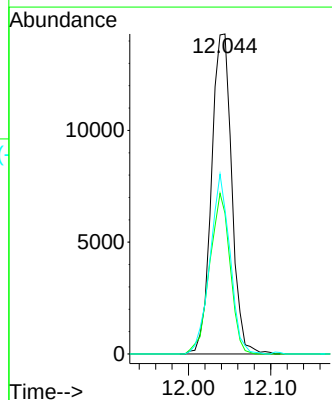
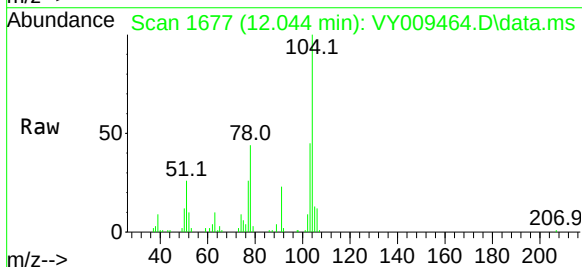
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

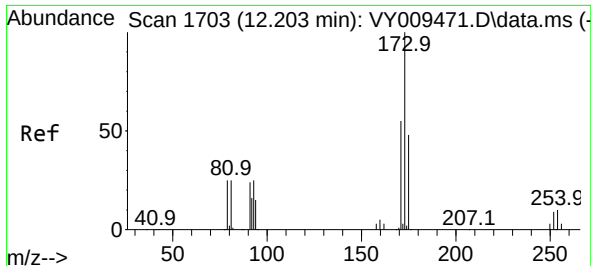
Tgt Ion:106 Resp: 15929
Ion Ratio Lower Upper
106 100
91 203.6 110.3 331.0



#70
Styrene
Concen: 4.510 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion:104 Resp: 24537
Ion Ratio Lower Upper
104 100
78 50.3 42.4 63.6
103 55.3 44.4 66.6

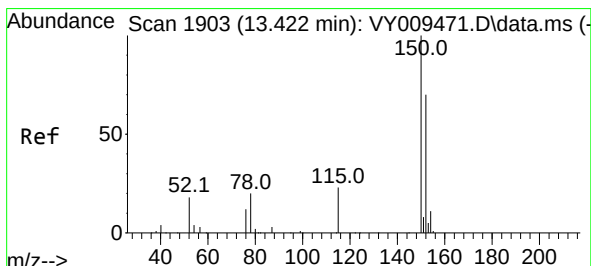
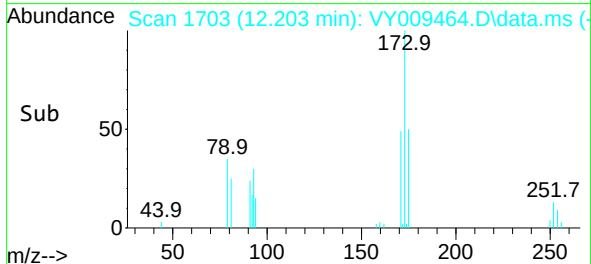
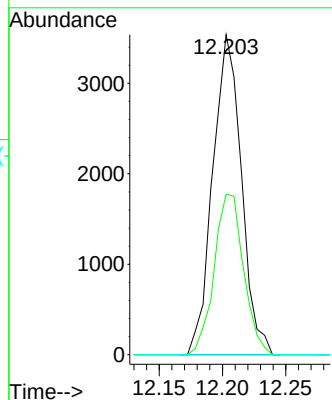
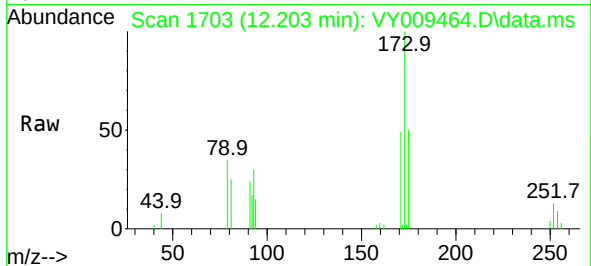




#71
Bromoform
Concen: 4.647 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

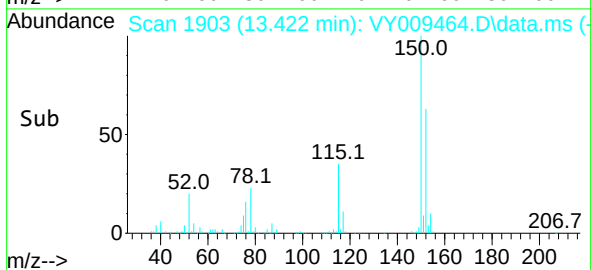
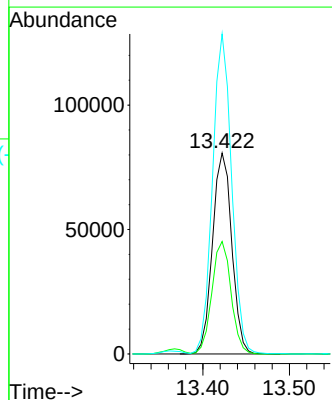
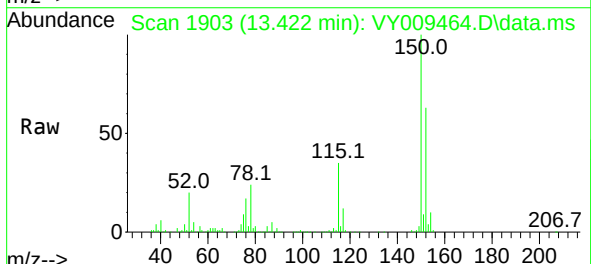
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

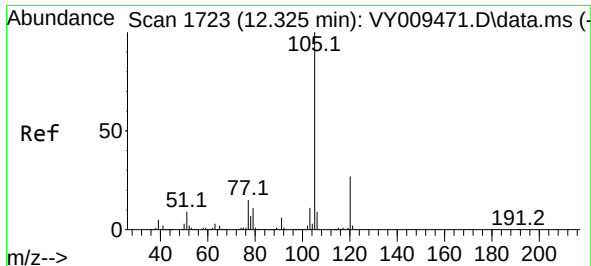
Tgt Ion:173 Resp: 5561
Ion Ratio Lower Upper
173 100
175 51.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion:152 Resp: 125123
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.4 0.0 347.6

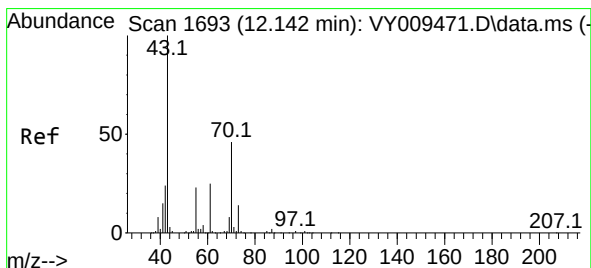
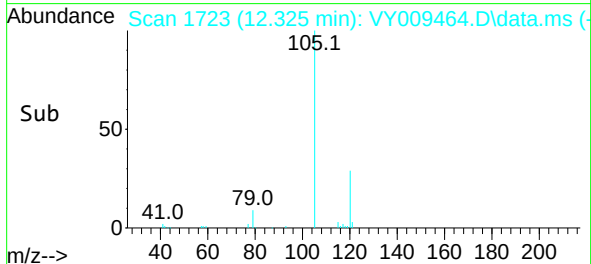
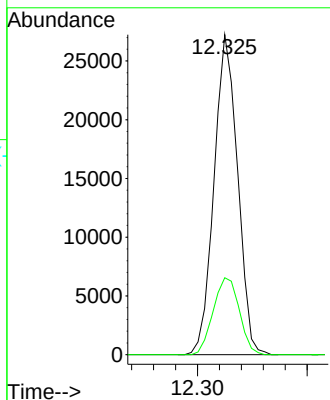
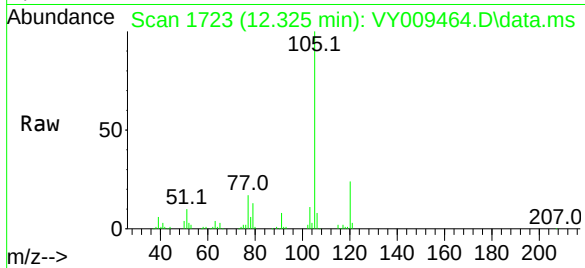




#73
Isopropylbenzene
Concen: 4.750 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

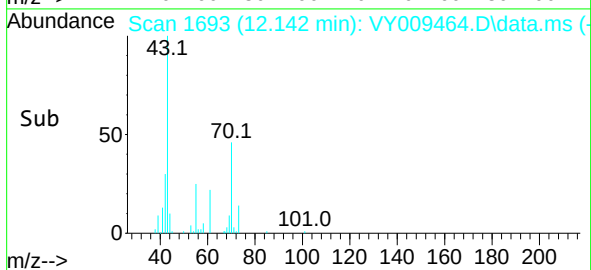
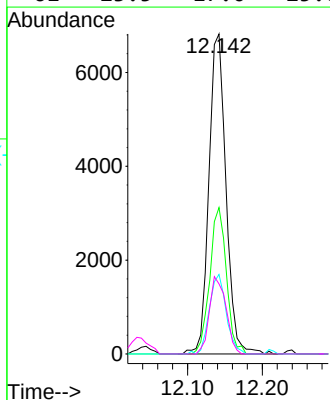
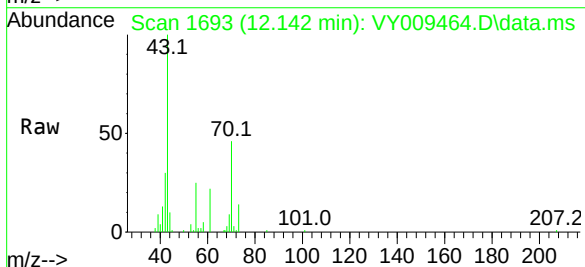
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

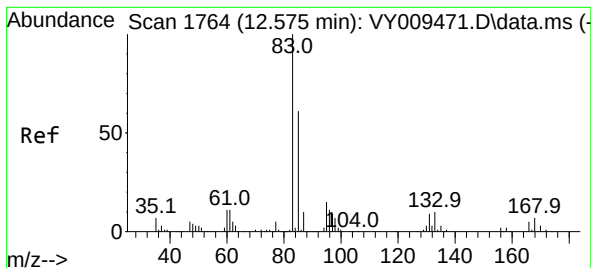
Tgt Ion:105 Resp: 40648
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 4.442 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 43 Resp: 10814
Ion Ratio Lower Upper
43 100
70 44.7 28.7 43.1#
55 24.6 17.3 25.9
61 23.5 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.654 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

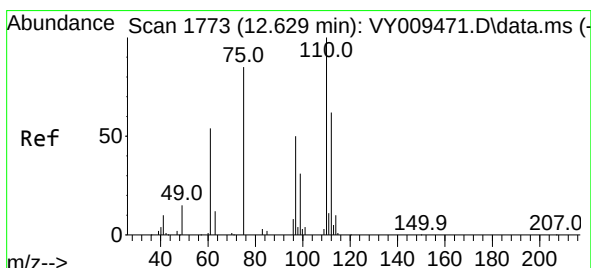
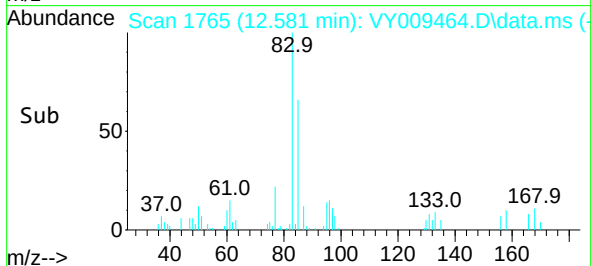
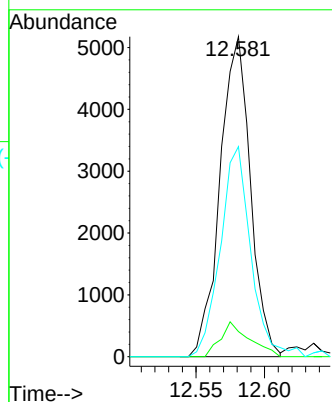
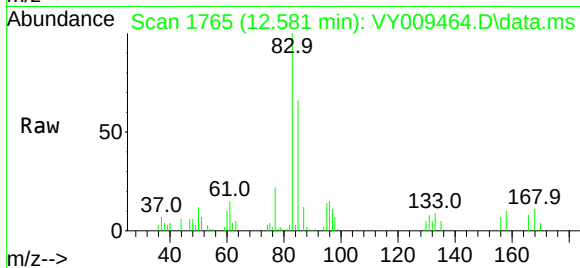
Tgt Ion: 83 Resp: 7974

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

85 66.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 5.108 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY009464.D

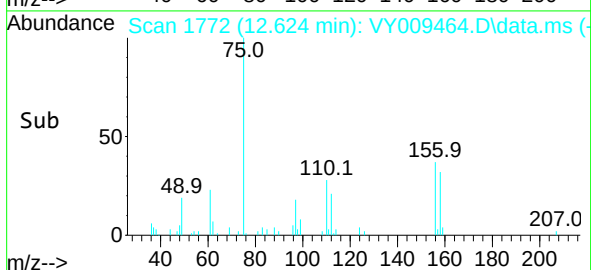
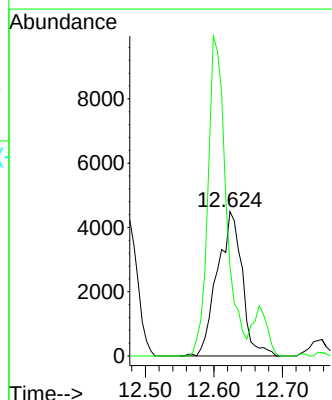
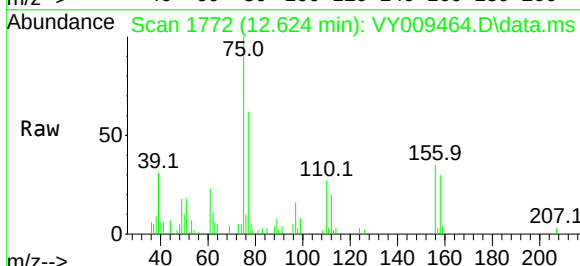
Acq: 07 Jul 2022 11:29

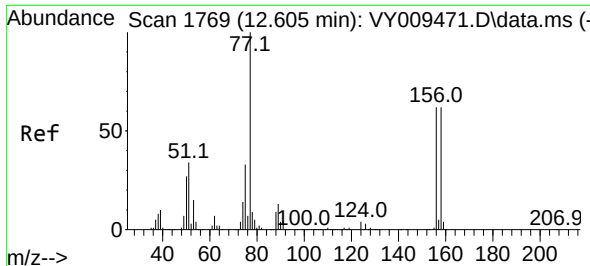
Tgt Ion: 75 Resp: 11272

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

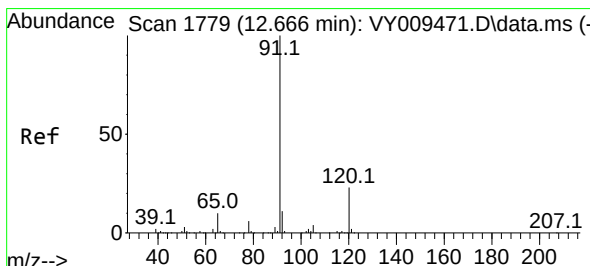
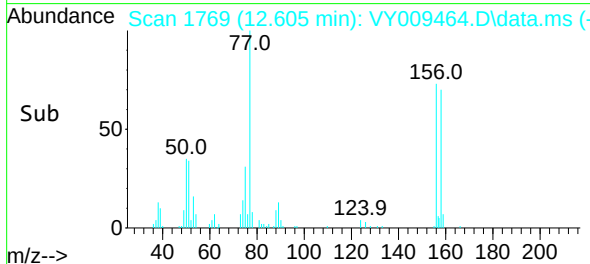
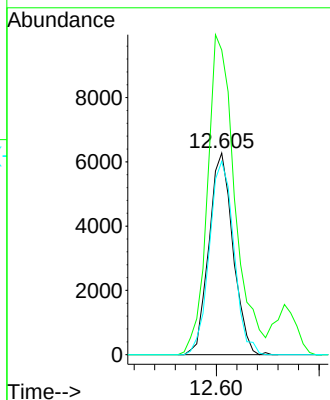
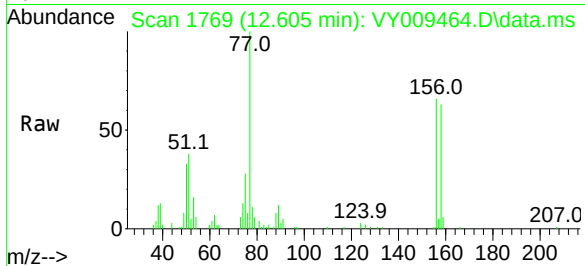




#77
Bromobenzene
Concen: 4.893 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

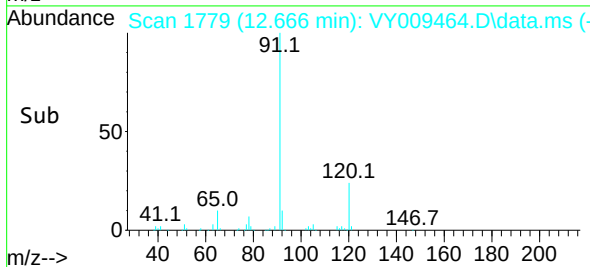
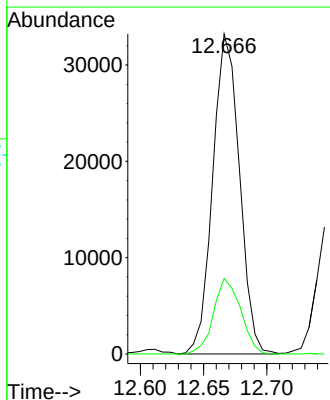
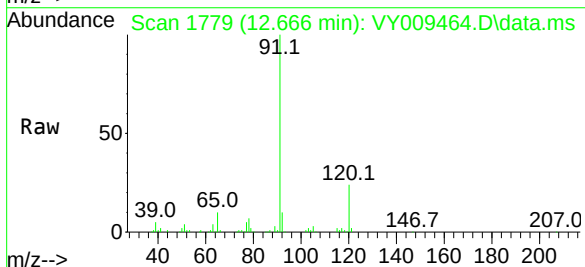
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

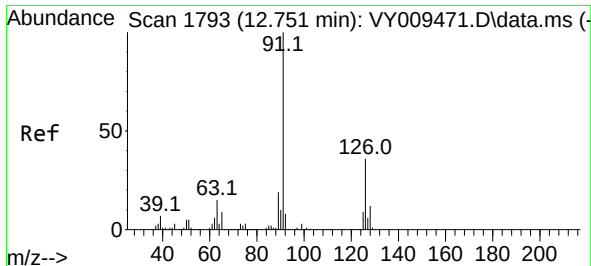
Tgt Ion:156 Resp: 10194
Ion Ratio Lower Upper
156 100
77 180.4 95.5 286.4
158 97.7 48.0 144.0



#78
n-propylbenzene
Concen: 4.716 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 91 Resp: 48754
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9

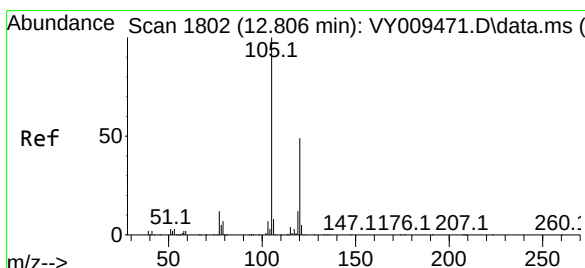
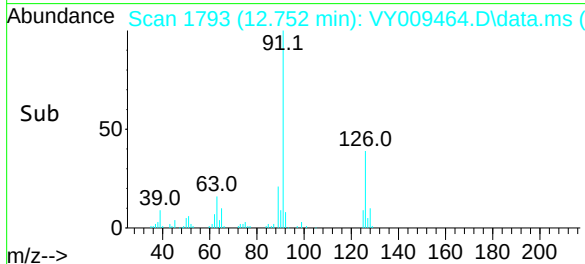
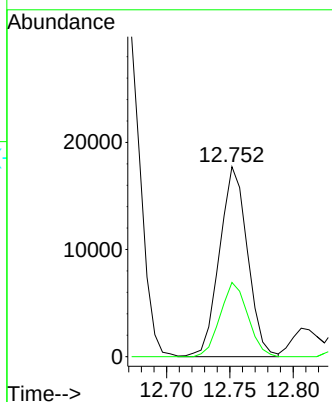
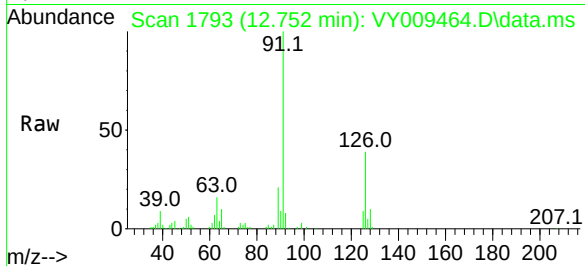




#79
2-Chlorotoluene
Concen: 4.720 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

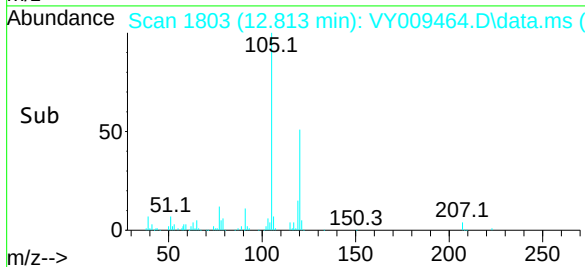
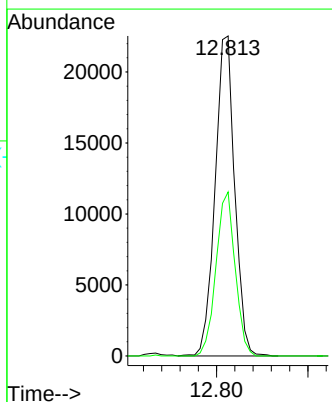
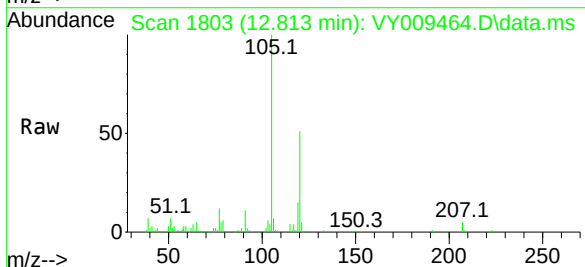
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

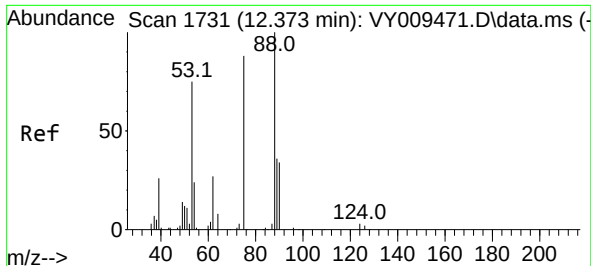
Tgt Ion: 91 Resp: 27318
Ion Ratio Lower Upper
91 100
126 38.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.697 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 105 Resp: 33597
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

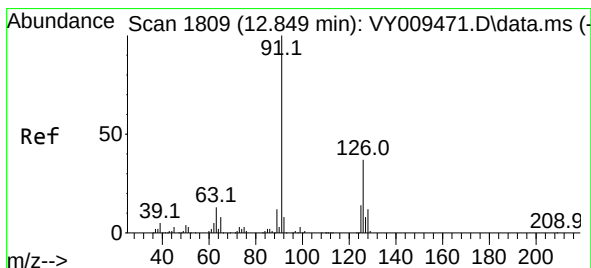
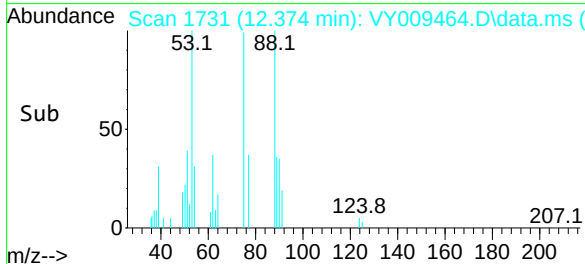
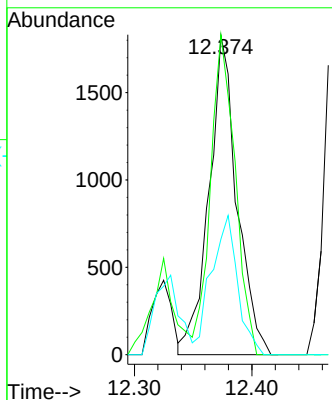
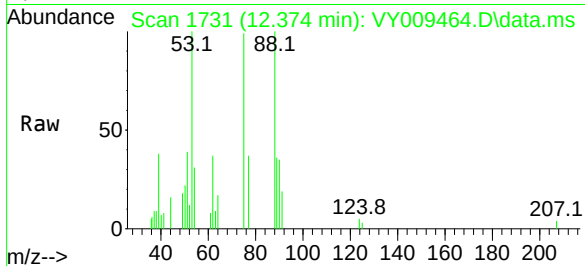




#81
trans-1,4-Dichloro-2-butene
Concen: 4.660 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

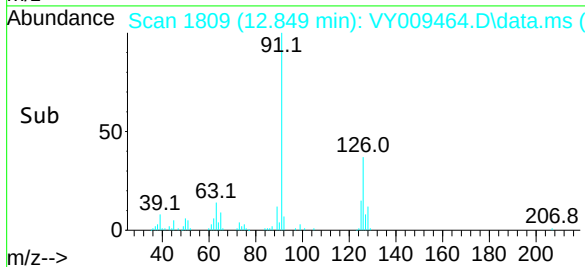
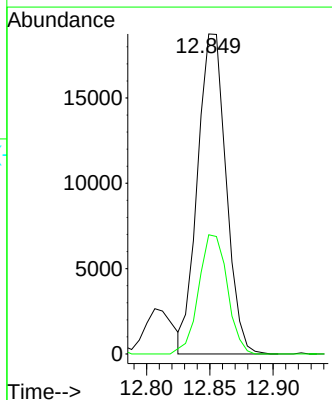
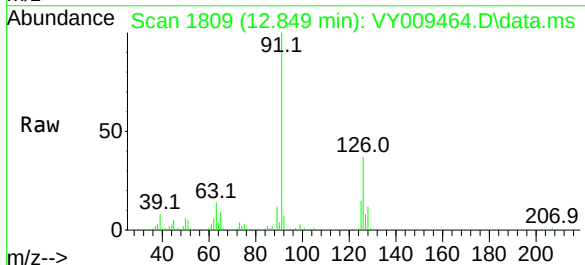
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

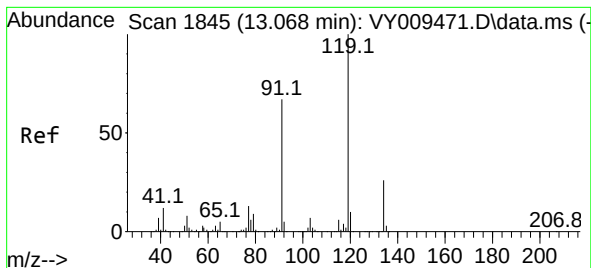
Tgt Ion: 75 Resp: 3016
Ion Ratio Lower Upper
75 100
53 88.1 85.3 127.9
89 41.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.855 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009464.D
Acq: 07 Jul 2022 11:29

Tgt Ion: 91 Resp: 29447
Ion Ratio Lower Upper
91 100
126 37.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 4.680 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

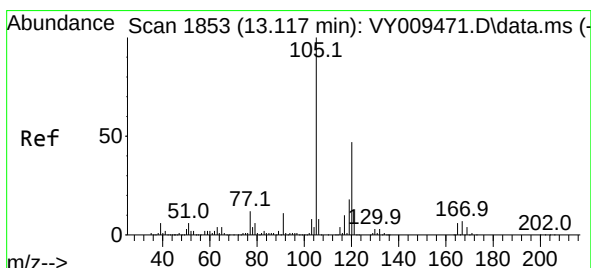
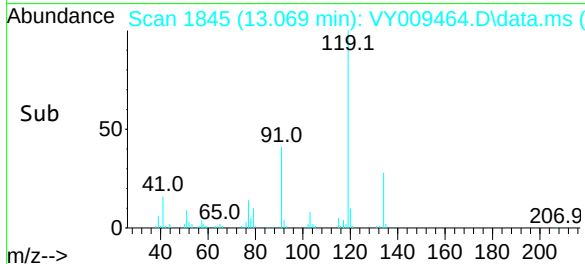
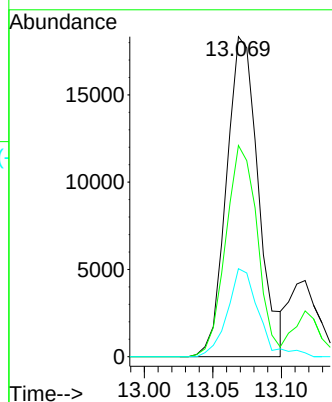
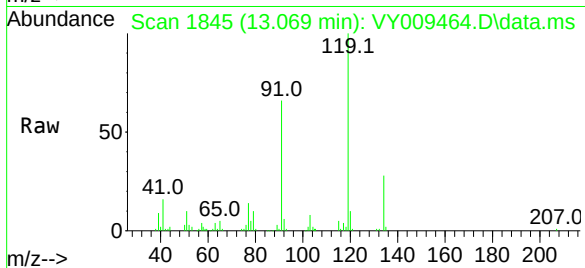
Tgt Ion:119 Resp: 29784

Ion Ratio Lower Upper

119 100

91 65.3 34.8 104.4

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 4.793 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009464.D

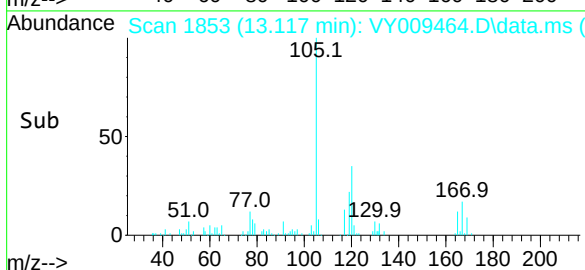
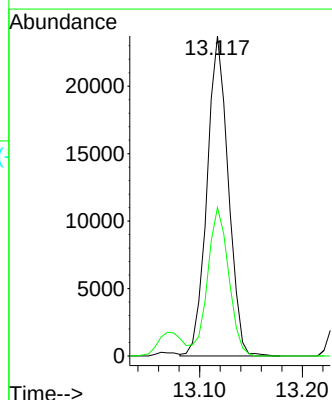
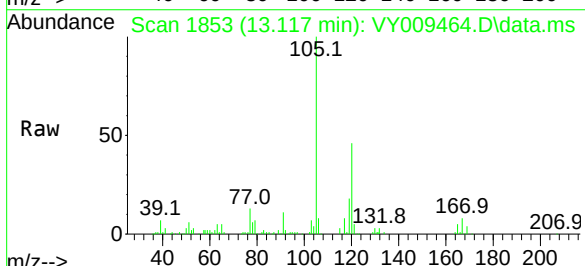
Acq: 07 Jul 2022 11:29

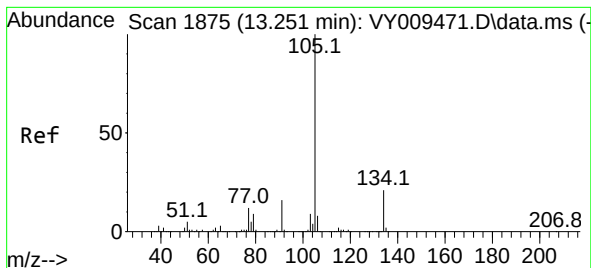
Tgt Ion:105 Resp: 34124

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.746 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

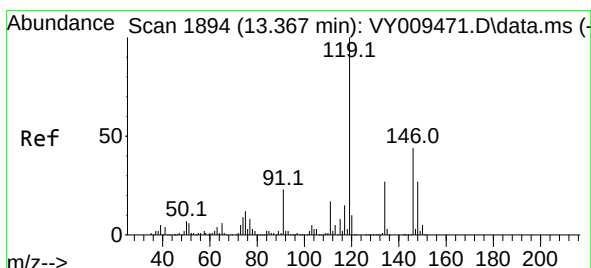
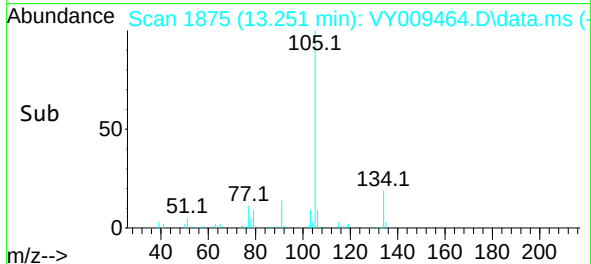
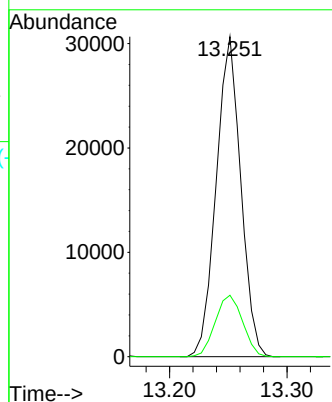
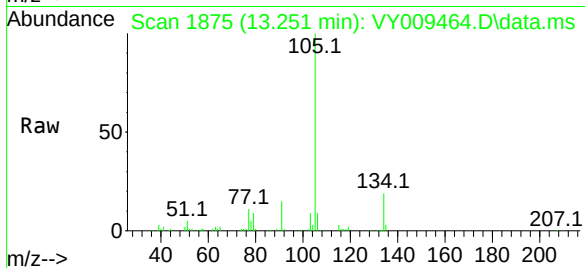
VSTDIC005

Tgt Ion:105 Resp: 44478

Ion Ratio Lower Upper

105 100

134 21.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.717 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

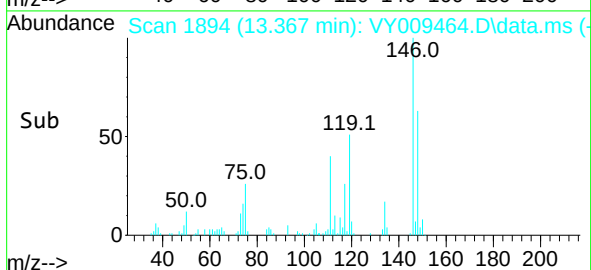
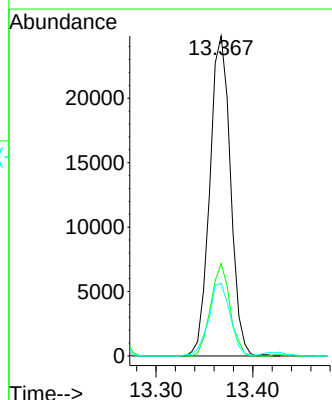
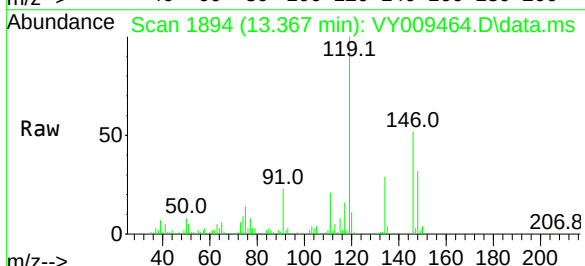
Tgt Ion:119 Resp: 36847

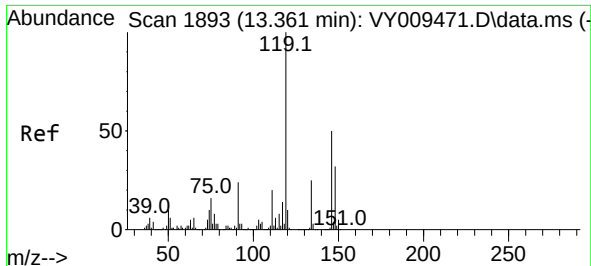
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.018 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

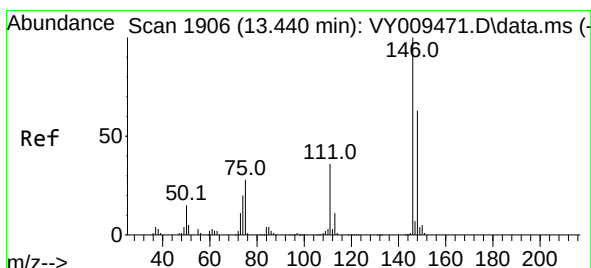
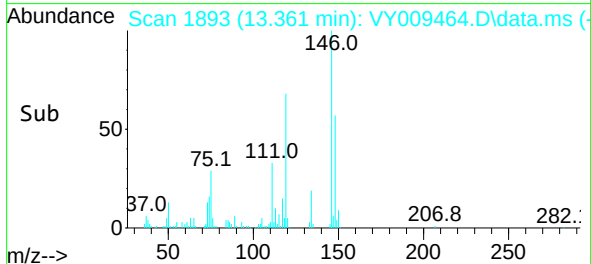
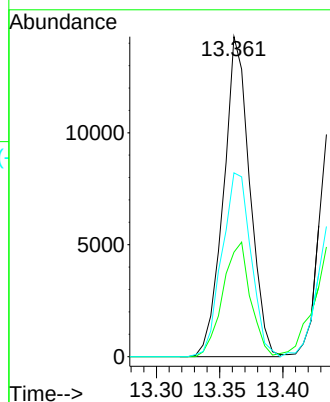
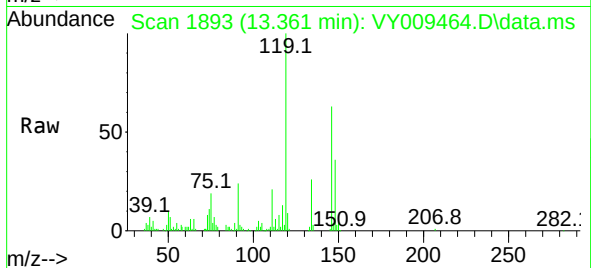
Tgt Ion:146 Resp: 20634

Ion Ratio Lower Upper

146 100

111 37.9 19.5 58.5

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 5.155 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

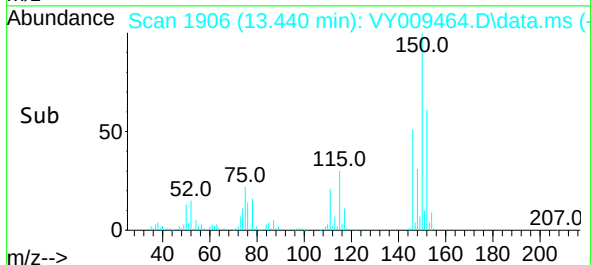
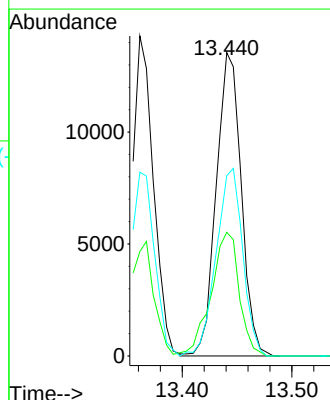
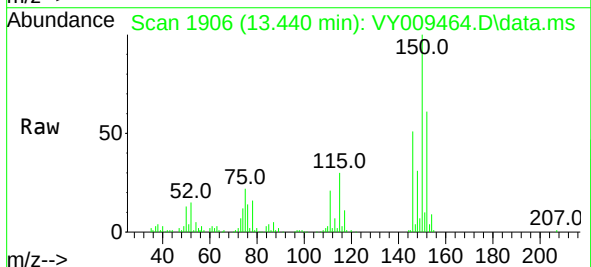
Tgt Ion:146 Resp: 21456

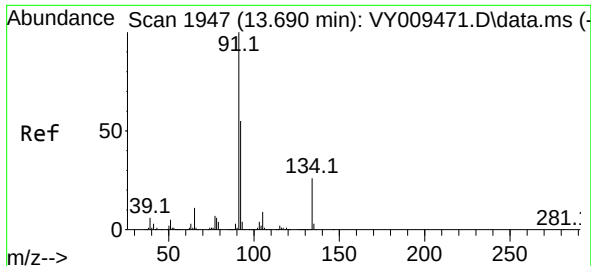
Ion Ratio Lower Upper

146 100

111 45.9 19.3 57.8

148 66.0 32.6 97.8





#89

n-Butylbenzene

Concen: 4.804 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

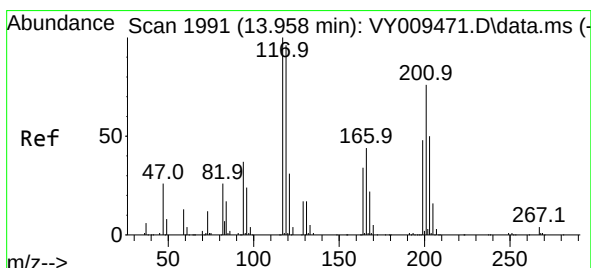
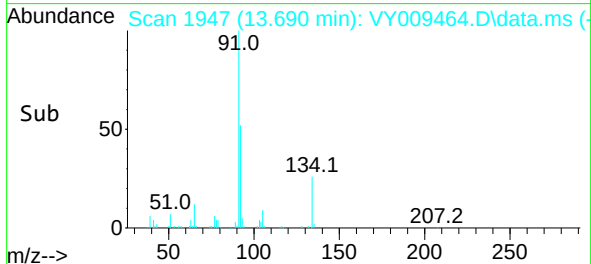
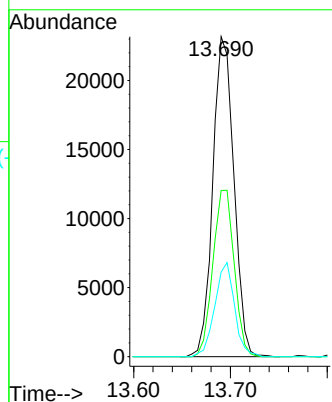
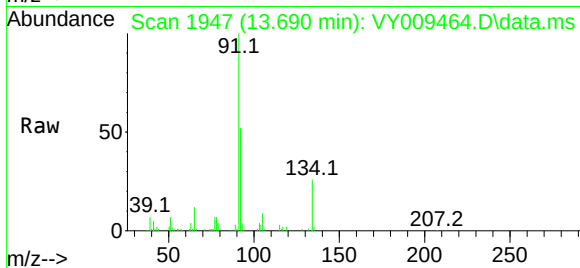
Tgt Ion: 91 Resp: 35042

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 27.6 13.0 38.9



#90

Hexachloroethane

Concen: 4.965 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009464.D

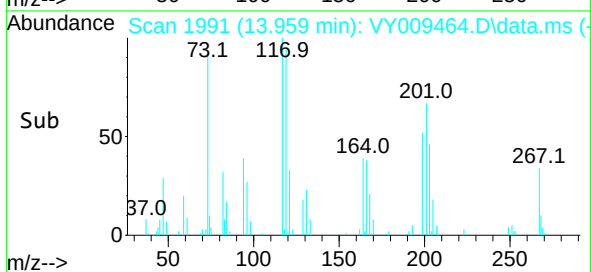
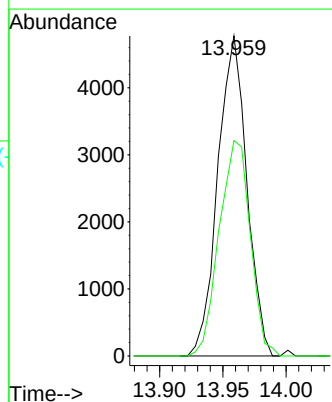
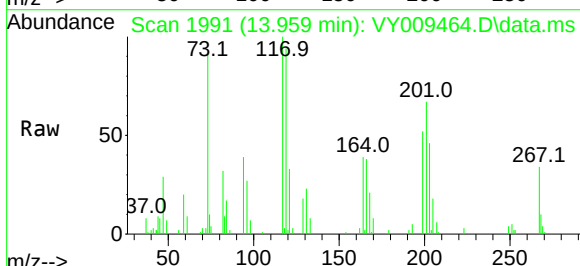
Acq: 07 Jul 2022 11:29

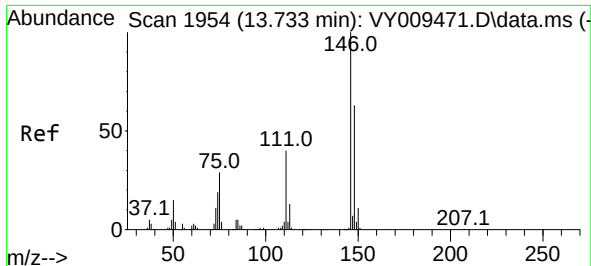
Tgt Ion: 117 Resp: 7610

Ion Ratio Lower Upper

117 100

201 72.1 43.0 128.8

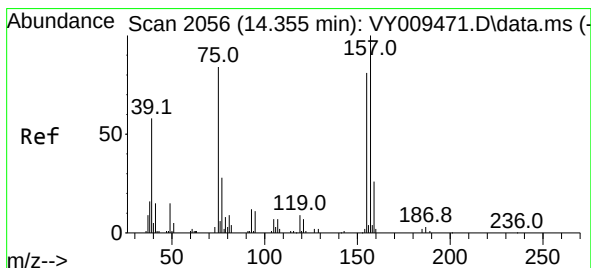
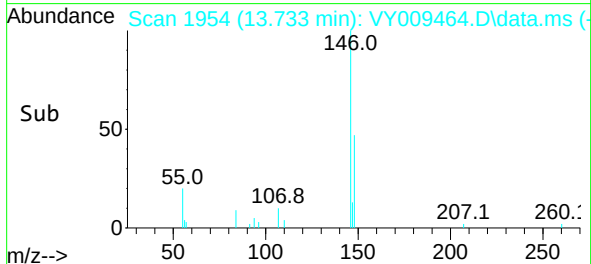
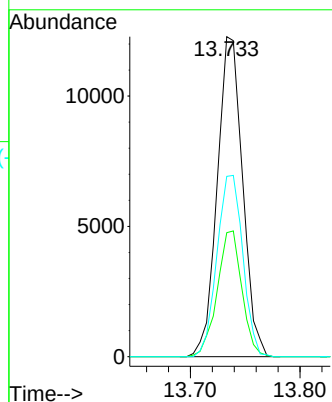
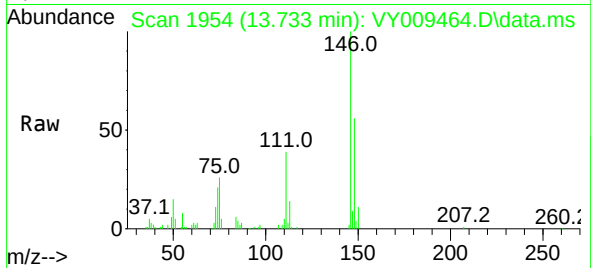




#91
 1,2-Dichlorobenzene
 Concen: 5.242 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

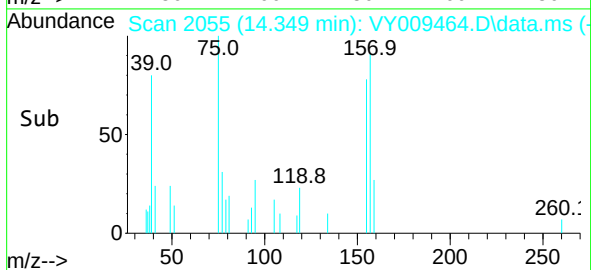
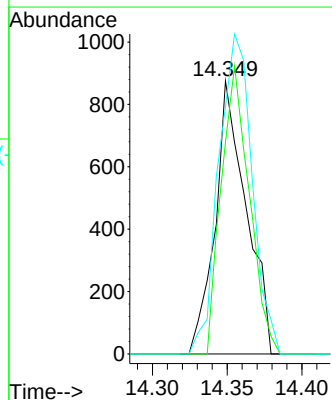
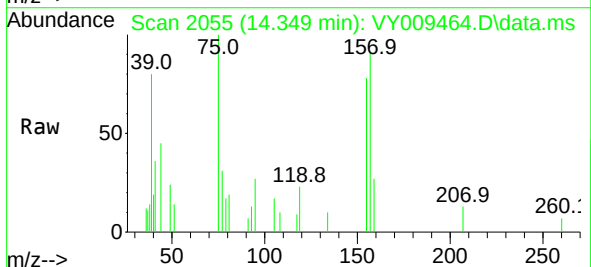
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

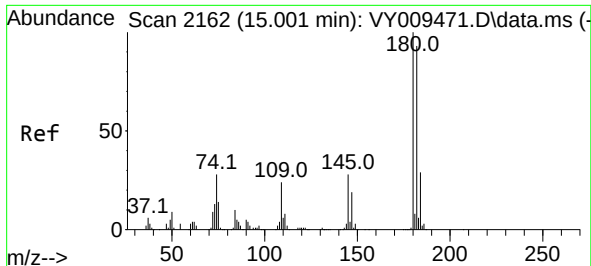
Tgt Ion:	146	Resp:	19748
Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	57.7	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.209 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

Tgt Ion:	75	Resp:	1264
Ion	Ratio	Lower	Upper
75	100		
155	95.4	38.0	113.9
157	126.2	47.8	143.3

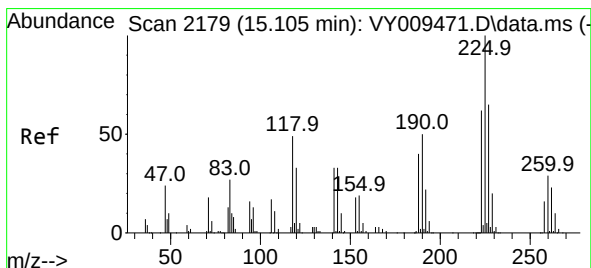
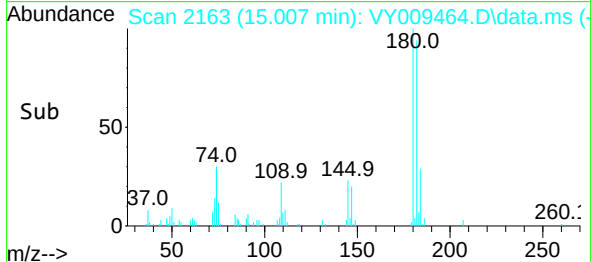
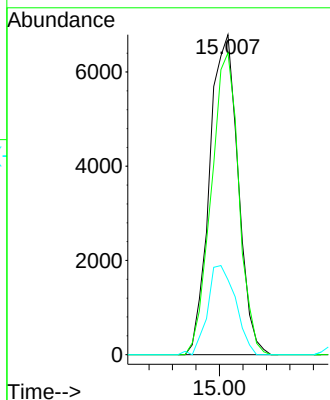
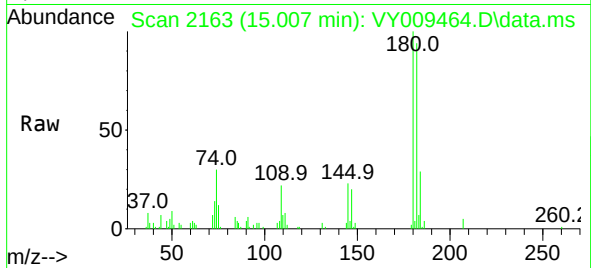




#93
 1,2,4-Trichlorobenzene
 Concen: 4.982 ug/l
 RT: 15.007 min Scan# 2162
 Delta R.T. 0.006 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

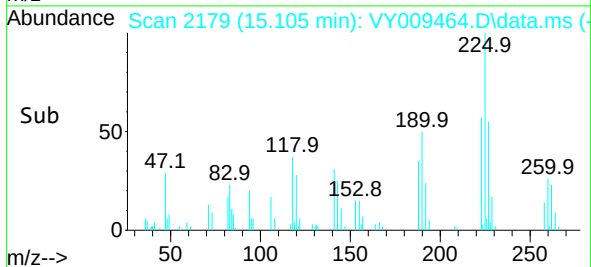
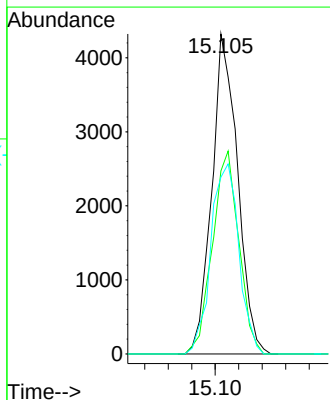
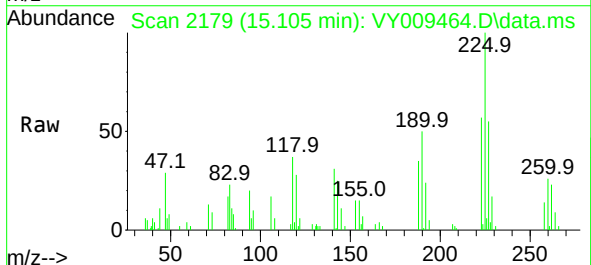
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

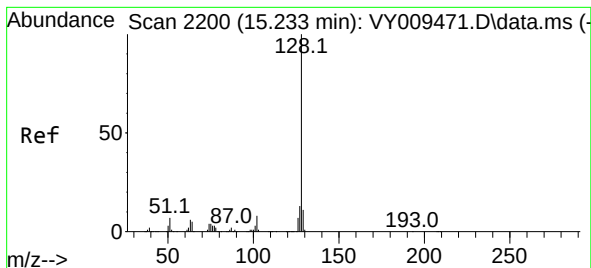
Tgt Ion:	180	Resp:	11447
Ion Ratio	Lower	Upper	
180	100		
182	91.3	47.3	141.9
145	27.3	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 5.209 ug/l
 RT: 15.105 min Scan# 2179
 Delta R.T. 0.000 min
 Lab File: VY009464.D
 Acq: 07 Jul 2022 11:29

Tgt Ion:	225	Resp:	6581
Ion Ratio	Lower	Upper	
225	100		
223	64.9	30.8	92.3
227	64.3	31.6	94.7





#95

Naphthalene

Concen: 4.323 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

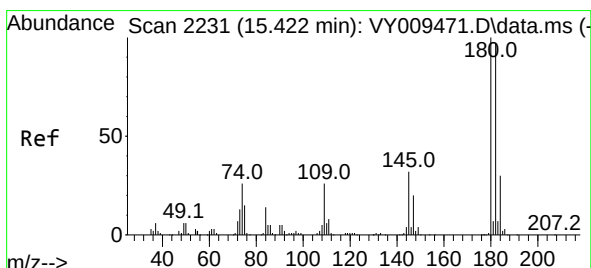
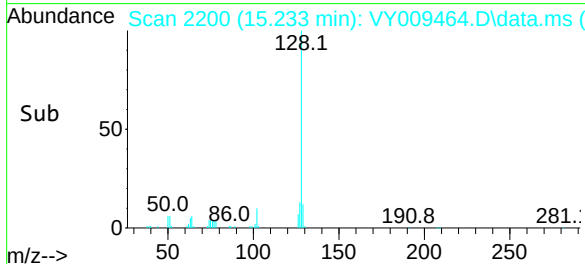
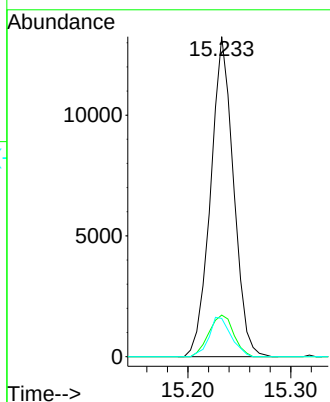
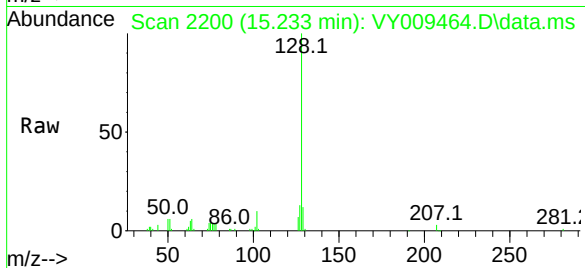
Tgt Ion:128 Resp: 20537

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.4

129 11.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 4.917 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009464.D

Acq: 07 Jul 2022 11:29

Tgt Ion:180 Resp: 9786

Ion Ratio Lower Upper

180 100

182 100.5 47.3 141.9

145 32.2 15.3 45.9

