

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
 Data File : VX043883.D
 Acq On : 15 Nov 2024 17:59
 Operator : JC/MD
 Sample : P4785-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27N6MS

Quant Time: Nov 16 00:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	215454	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65046	48.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.240%
7) Chloroethane-d5	1.642	69	46776	51.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.780%
11) 1,1-Dichloroethene-d2	2.294	65	33252	55.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.180%
21) 2-Butanone-d5	4.459	46	74635	104.910	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.910%
24) Chloroform-d	5.050	84	152114	53.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	5.952	65	97207	53.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
32) Benzene-d6	5.964	84	282224	50.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	7.306	67	78385	48.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.700%
41) Toluene-d8	8.647	98	271185	50.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.946	79	42511	52.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.140%
47) 2-Hexanone-d5	9.384	63	63499	107.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	117700	53.308	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.620%
66) 1,2-Dichlorobenzene-d4	12.317	152	110373	53.119	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83092	51.806	ug/L	98
3) Chloromethane	1.294	50	64620	49.943	ug/L	96
5) Vinyl chloride	1.374	62	69698	50.224	ug/L	100
6) Bromomethane	1.593	94	47386	51.649	ug/L	96
8) Chloroethane	1.660	64	40211	53.277	ug/L	100
9) Trichlorofluoromethane	1.868	101	188994	75.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	70801	50.114	ug/L	97
12) 1,1-Dichloroethene	2.306	96	66903	51.525	ug/L #	83
13) Acetone	2.386	43	58075	68.033	ug/L	100
14) Carbon disulfide	2.502	76	139220	50.832	ug/L	100
15) Methyl Acetate	2.703	43	56762	48.269	ug/L	98
16) Methylene chloride	2.782	84	74380	52.444	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	69391	53.018	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	246643	54.061	ug/L	99
19) 1,1-Dichloroethane	3.605	63	122304	52.998	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	82661	52.629	ug/L	98
22) 2-Butanone	4.562	43	83182	89.722	ug/L	99
23) Bromochloromethane	4.891	128	43765	51.850	ug/L	92
25) Chloroform	5.086	83	143390	53.627	ug/L	100

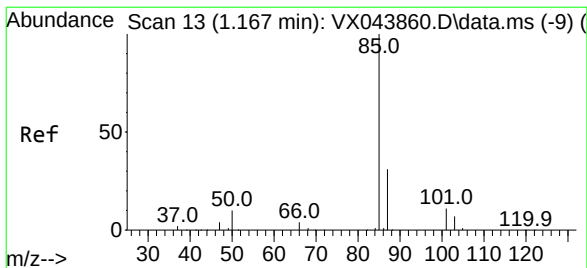
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	113843	54.303	ug/L	98
29) Cyclohexane	5.464	56	100346	47.686	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	129181	51.188	ug/L	100
31) Carbon tetrachloride	5.672	117	111690	51.288	ug/L	99
33) Benzene	6.031	78	280621	50.795	ug/L	100
34) Trichloroethene	7.123	95	80386	43.835	ug/L	96
35) Methylcyclohexane	7.373	83	109388	46.671	ug/L	99
37) 1,2-Dichloropropane	7.428	63	66434	49.286	ug/L	99
38) Bromodichloromethane	7.818	83	96253	51.478	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	118861	52.090	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	174513	109.852	ug/L	100
42) Toluene	8.714	91	304621	50.527	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	111375	52.622	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	84401	54.339	ug/L	96
46) Tetrachloroethene	9.269	164	65510	49.661	ug/L	97
48) 2-Hexanone	9.433	43	131804	100.806	ug/L	99
49) Dibromochloromethane	9.519	129	80943	52.988	ug/L	98
50) 1,2-Dibromoethane	9.604	107	87723	52.531	ug/L	98
51) Chlorobenzene	10.079	112	215379	52.290	ug/L	99
52) Ethylbenzene	10.189	91	348099	52.779	ug/L	99
53) m,p-Xylene	10.299	106	137395	51.819	ug/L	89
54) o-Xylene	10.640	106	140772	53.327	ug/L	98
55) Styrene	10.653	104	233446	54.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	119006	53.123	ug/L	97
59) Bromoform	10.799	173	55626	53.930	ug/L	97
60) Isopropylbenzene	10.963	105	361199	53.913	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	94673	55.723	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	306272	54.286	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	302551	53.869	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	166100	52.186	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	163192	51.336	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	168626	51.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	25770	62.763	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.116	180	149874	70.262	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	142297	74.552	ug/L	98
71) Naphthalene	13.774	128	552302	83.026	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	149051	76.059	ug/L	99

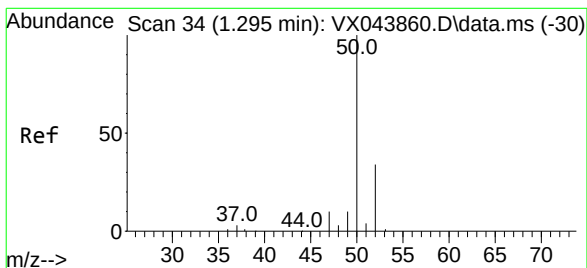
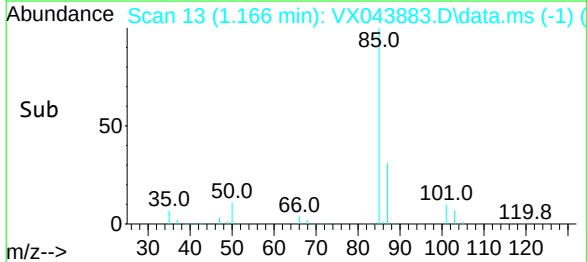
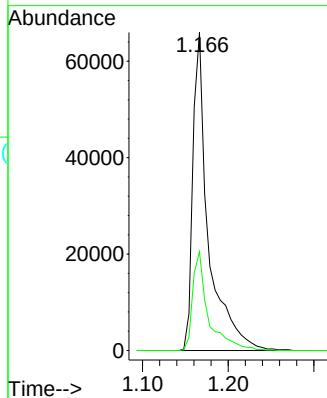
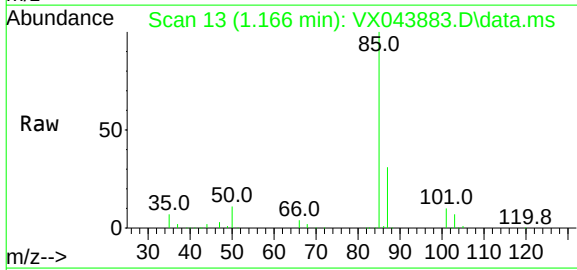
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#2
Dichlorodifluoromethane
Concen: 51.806 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

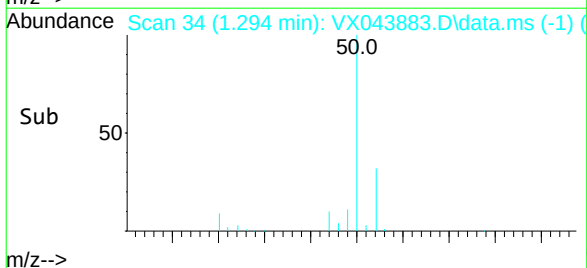
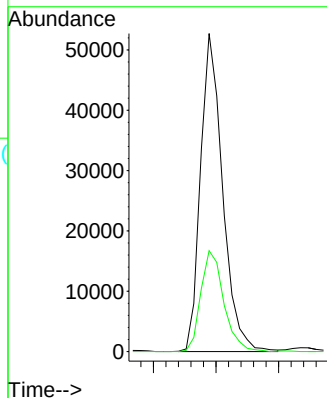
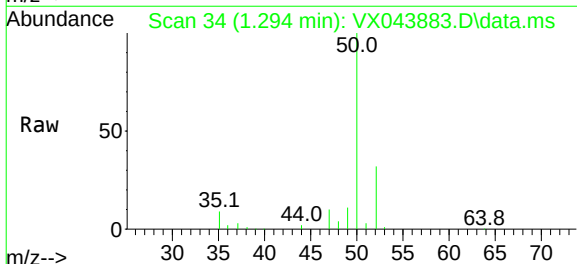
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

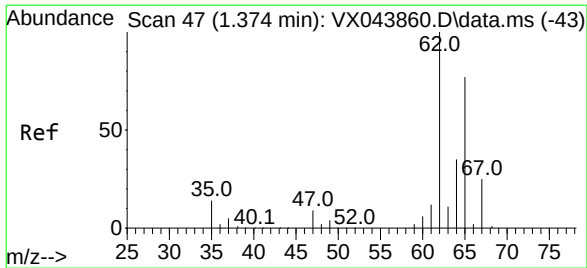
Tgt Ion: 85 Resp: 83092
Ion Ratio Lower Upper
85 100
87 31.4 26.0 39.0



#3
Chloromethane
Concen: 49.943 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion: 50 Resp: 64620
Ion Ratio Lower Upper
50 100
52 31.7 23.8 44.2

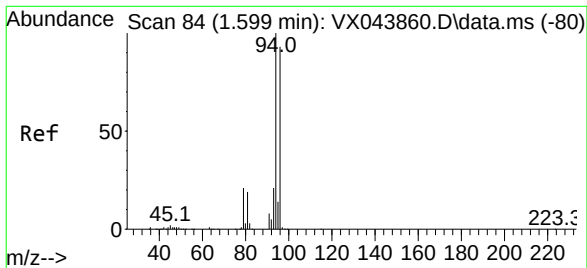
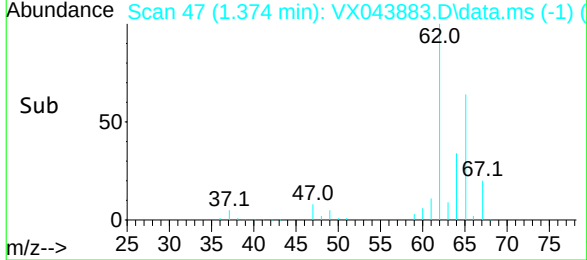
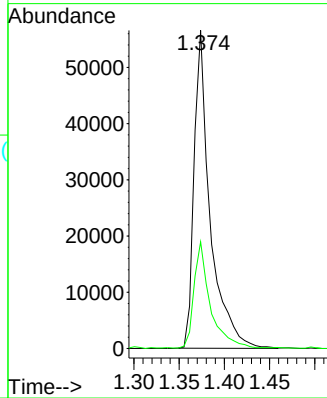
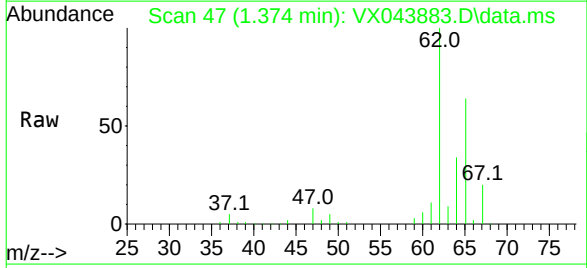




#5
 Vinyl chloride
 Concen: 50.224 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX043883.D
 Acq: 15 Nov 2024 17:59

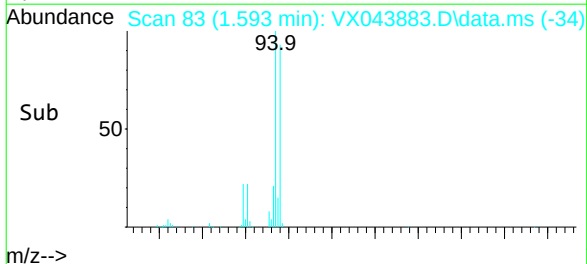
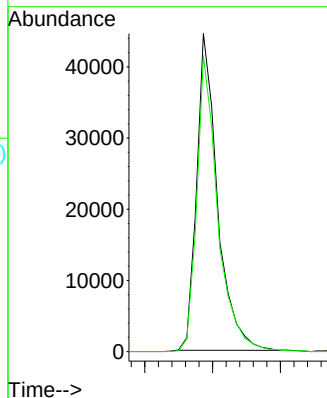
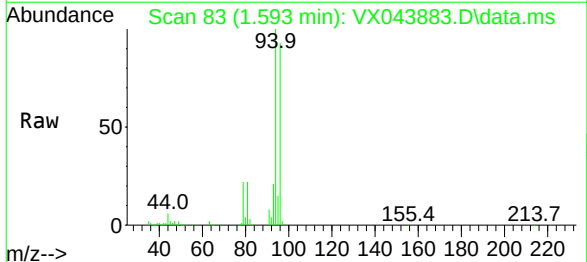
Instrument :
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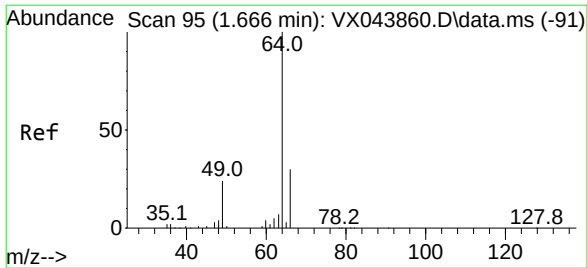
Tgt Ion: 62 Resp: 69698
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.5 43.7



#6
 Bromomethane
 Concen: 51.649 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043883.D
 Acq: 15 Nov 2024 17:59

Tgt Ion: 94 Resp: 47386
 Ion Ratio Lower Upper
 94 100
 96 93.1 68.3 126.8





#8

Chloroethane

Concen: 53.277 ug/L

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

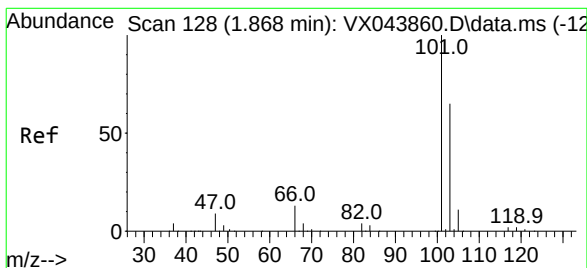
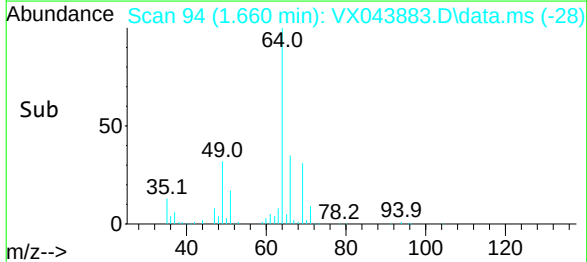
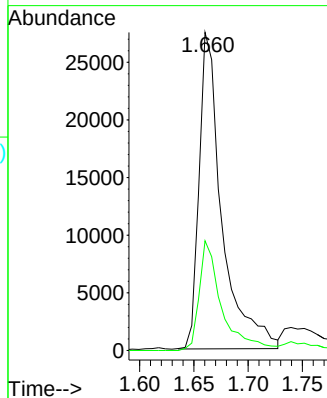
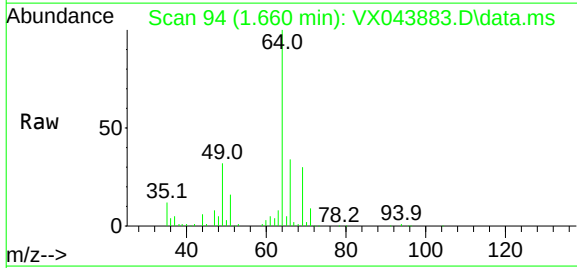
E27N6MS

Tgt Ion: 64 Resp: 40211

Ion Ratio Lower Upper

64 100

66 34.5 24.2 45.0



#9

Trichlorofluoromethane

Concen: 75.455 ug/L

RT: 1.868 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX043883.D

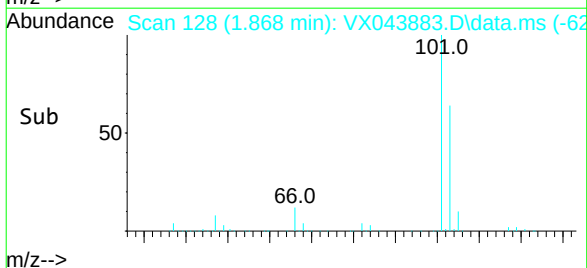
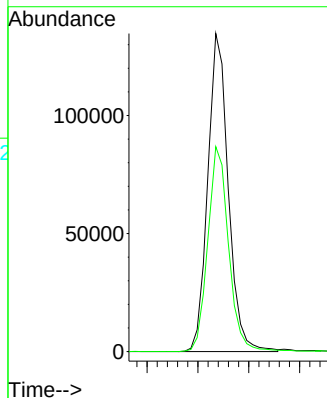
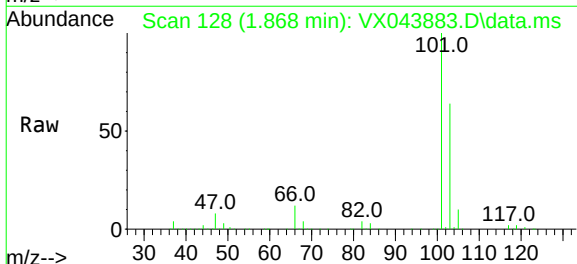
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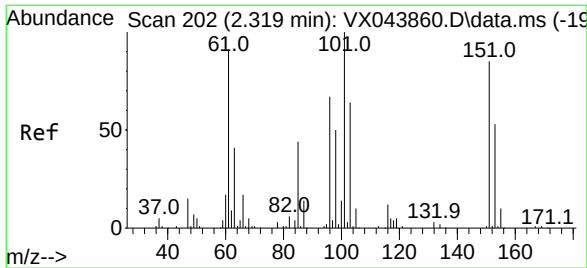
Tgt Ion: 101 Resp: 188994

Ion Ratio Lower Upper

101 100

103 65.4 51.3 76.9

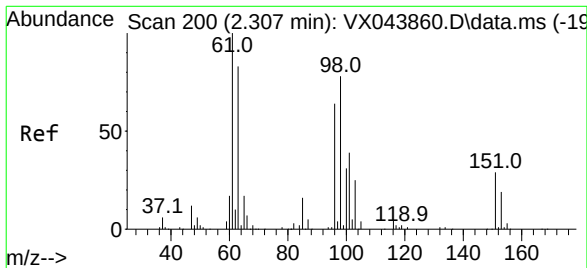
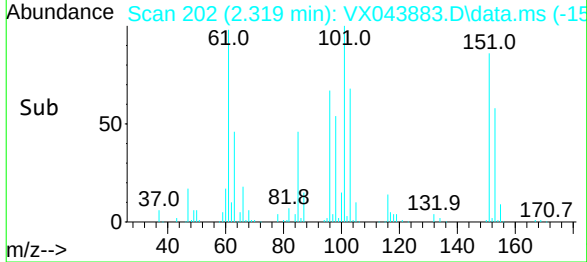
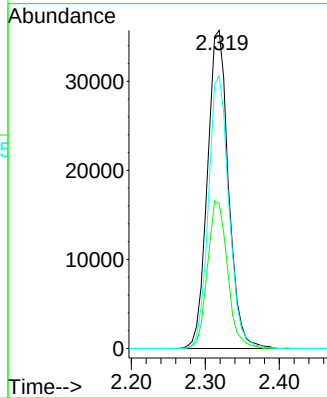
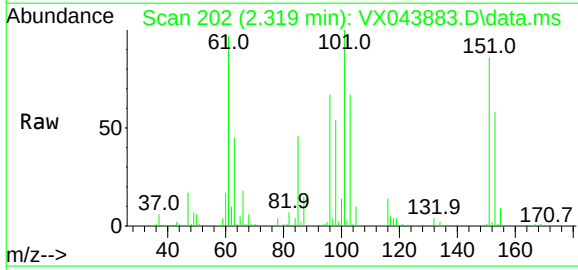




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.114 ug/L
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX043883.D
 Acq: 15 Nov 2024 17:59

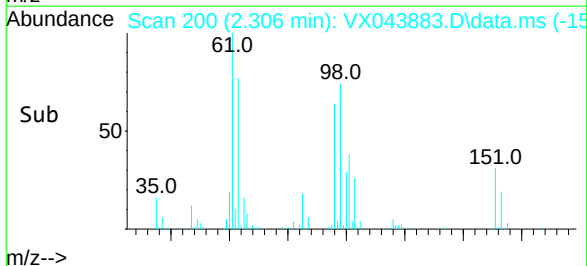
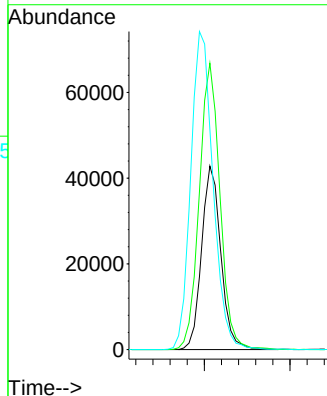
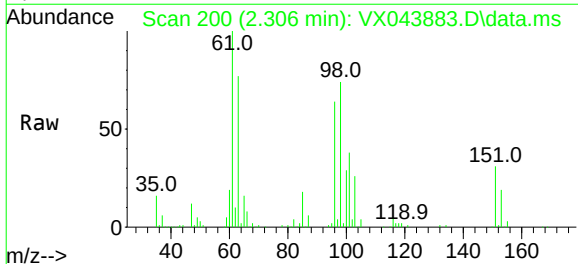
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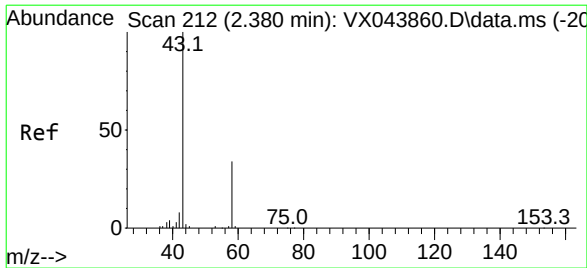
Tgt Ion:	101	Resp:	70801
Ion	Ratio	Lower	Upper
101	100		
85	44.0	33.8	50.6
151	83.5	64.9	97.3



#12
 1,1-Dichloroethene
 Concen: 51.525 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX043883.D
 Acq: 15 Nov 2024 17:59

Tgt Ion:	96	Resp:	66903
Ion	Ratio	Lower	Upper
96	100		
61	156.0	102.2	189.8
63	120.0	62.6	116.2





#13

Acetone

Concen: 68.033 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

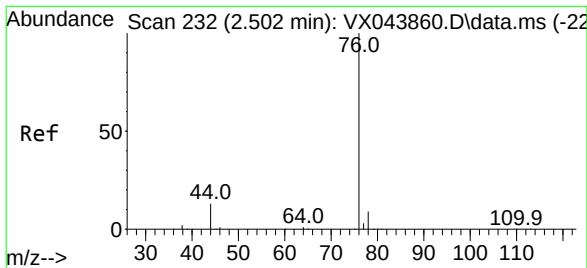
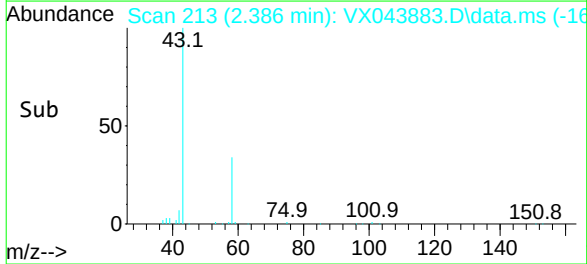
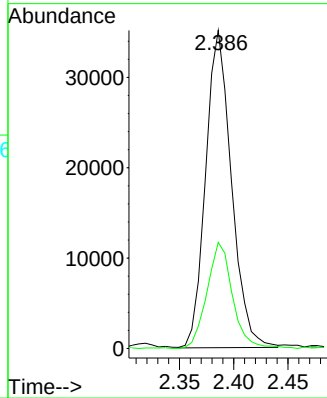
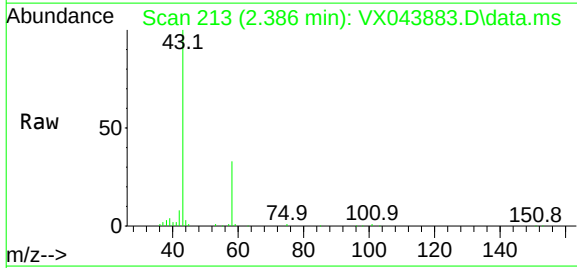
E27N6MS

Tgt Ion: 43 Resp: 58075

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.2



#14

Carbon disulfide

Concen: 50.832 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043883.D

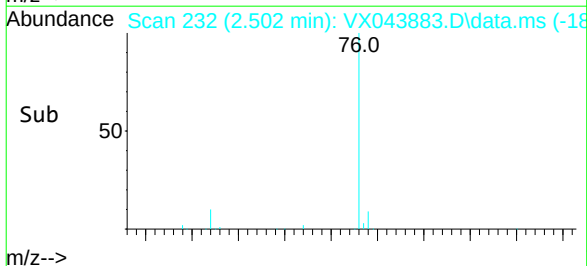
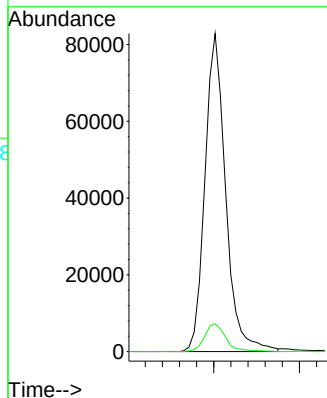
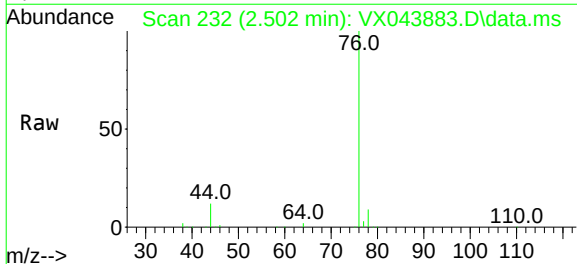
Acq: 15 Nov 2024 17:59

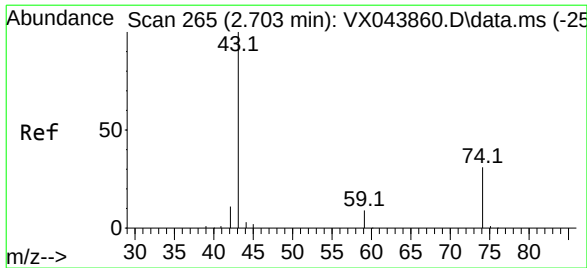
Tgt Ion: 76 Resp: 139220

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

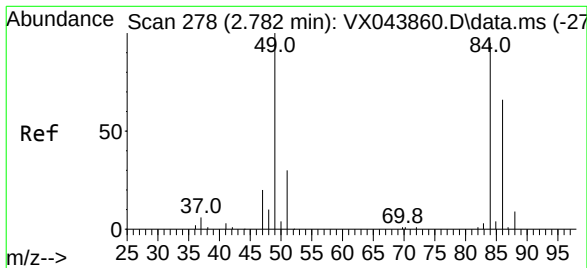
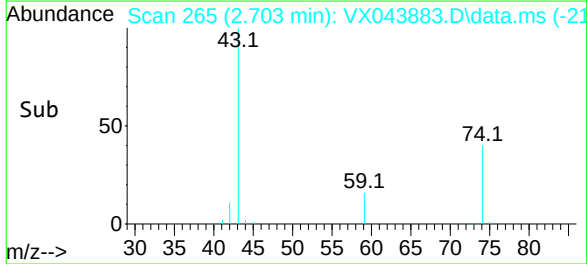
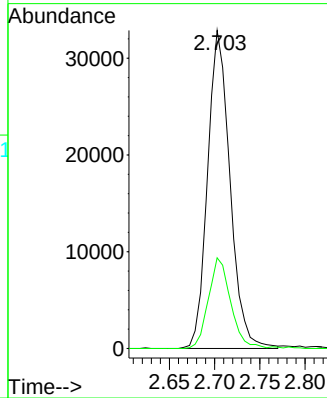
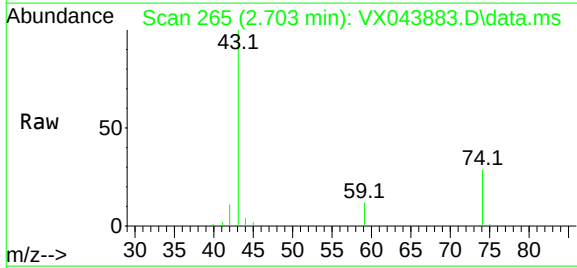




#15
Methyl Acetate
Concen: 48.269 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

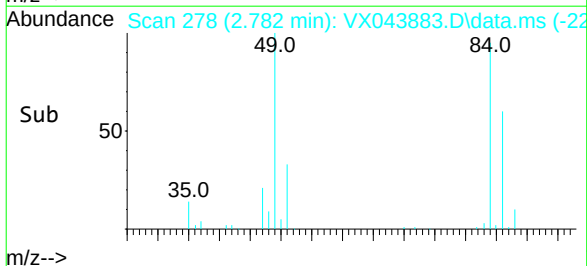
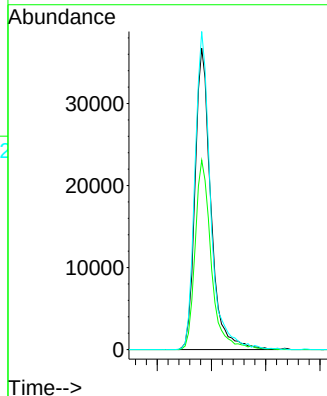
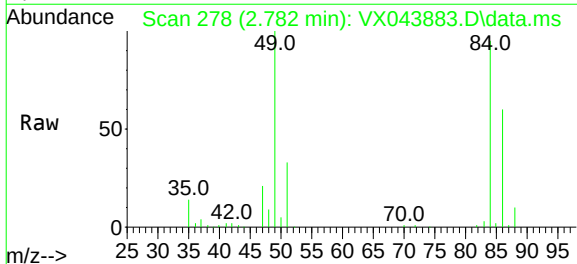
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

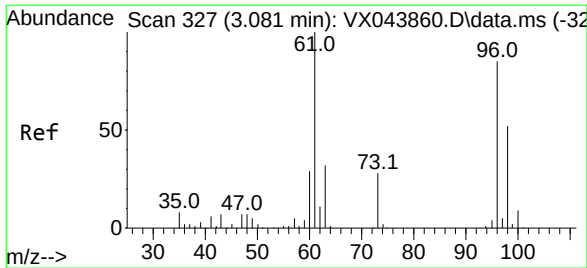
Tgt Ion: 43 Resp: 56762
Ion Ratio Lower Upper
43 100
74 28.1 23.4 35.2



#16
Methylene chloride
Concen: 52.444 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion: 84 Resp: 74380
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5
49 105.5 73.4 136.2

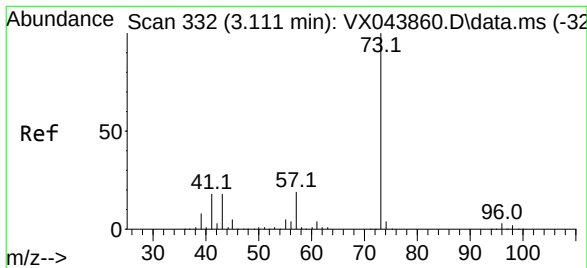
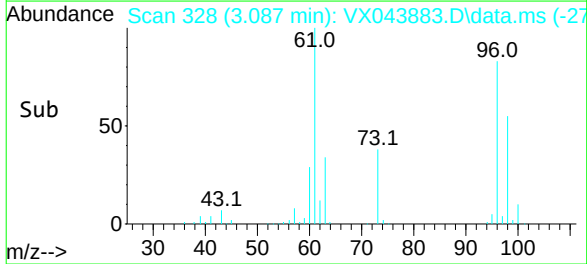
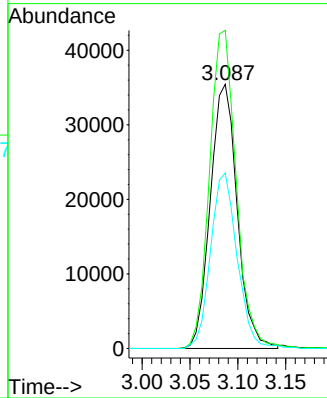
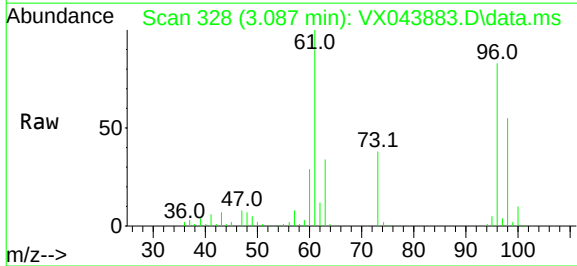




#17
trans-1,2-Dichloroethene
Concen: 53.018 ug/L
RT: 3.087 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

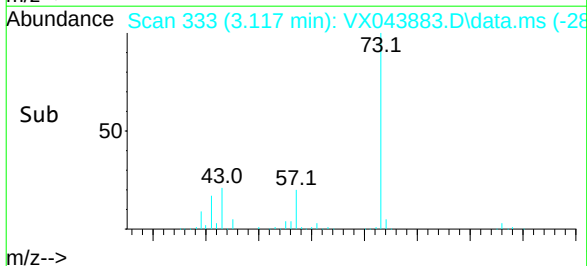
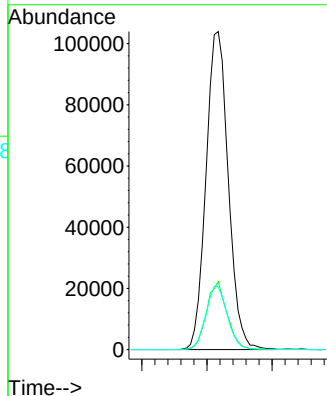
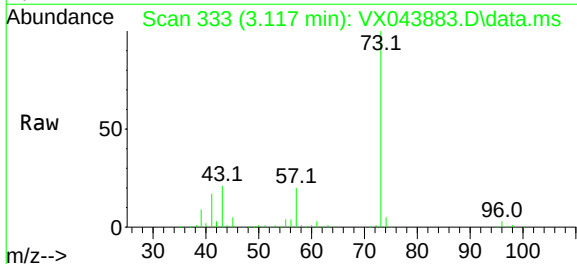
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

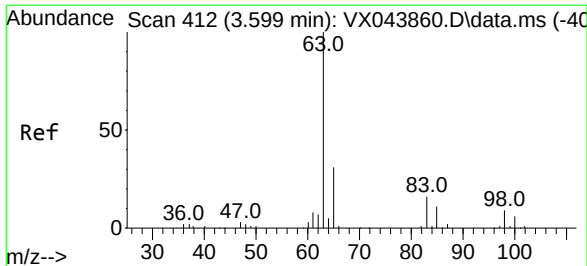
Tgt Ion:	96	Resp:	69391
Ion	Ratio	Lower	Upper
96	100		
61	120.4	83.2	154.6
98	66.4	45.4	84.4



#18
Methyl tert-butyl Ether
Concen: 54.061 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion:	73	Resp:	246643
Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.5	23.3
57	19.3	15.1	22.7





#19

1,1-Dichloroethane

Concen: 52.998 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS

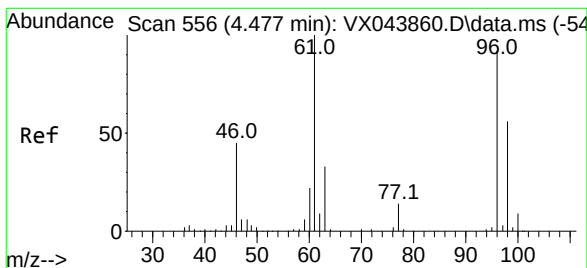
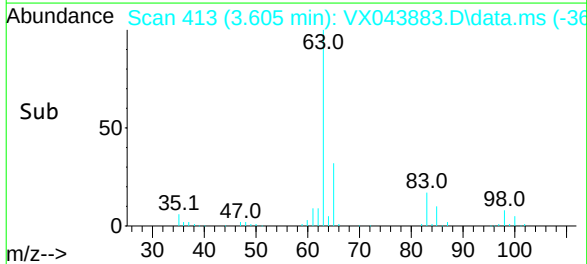
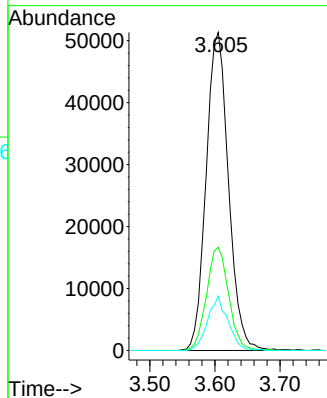
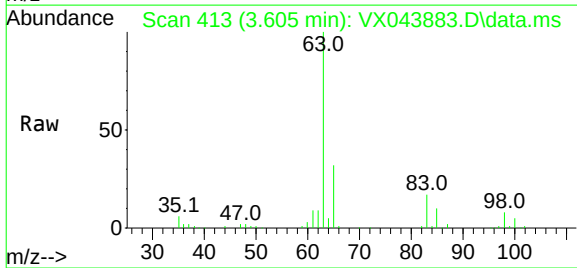
Tgt Ion: 63 Resp: 122304

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 17.1 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 52.629 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

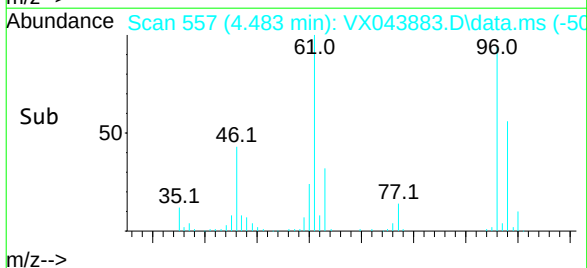
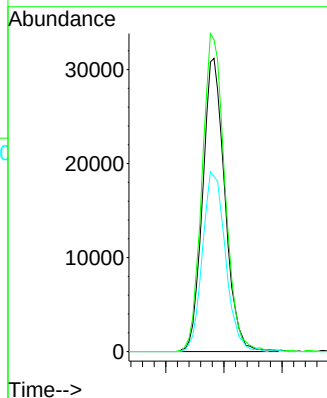
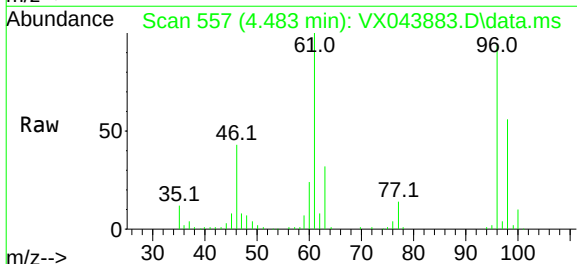
Tgt Ion: 96 Resp: 82661

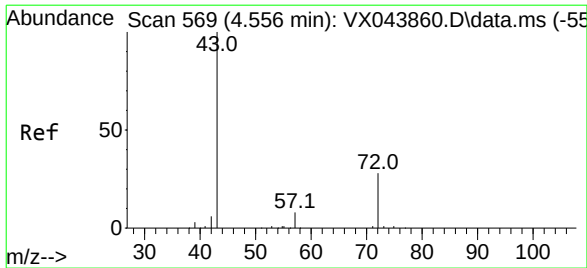
Ion Ratio Lower Upper

96 100

61 106.3 76.4 141.8

98 59.6 42.6 79.0

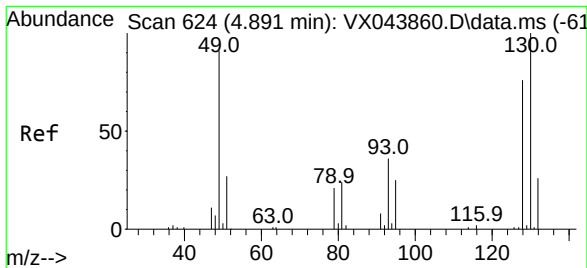
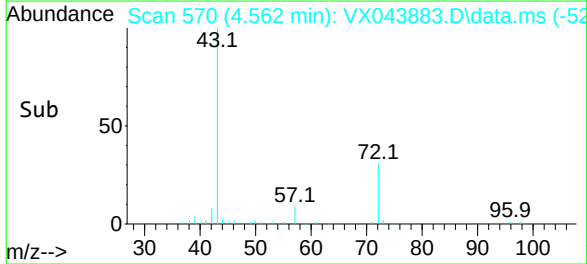
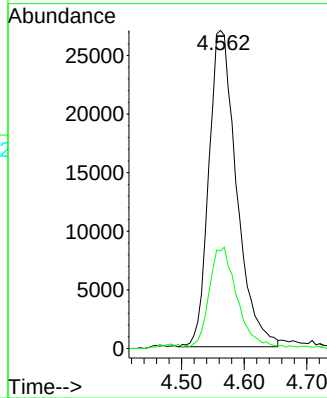
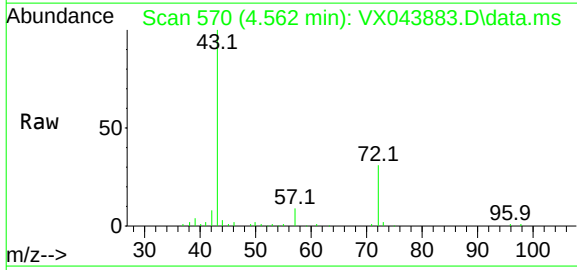




#22
2-Butanone
Concen: 89.722 ug/L
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

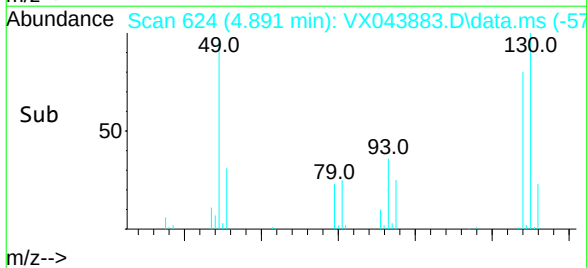
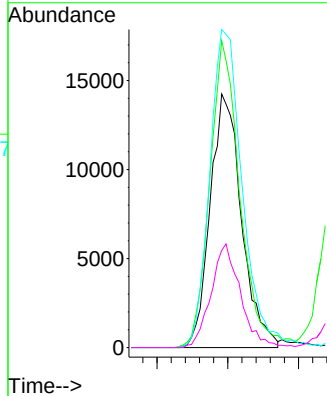
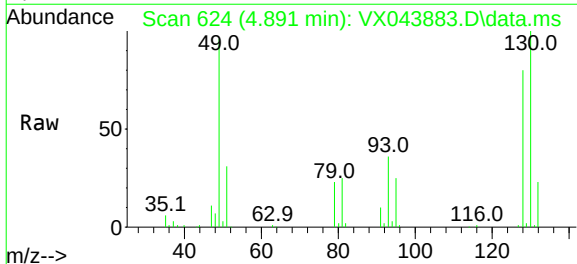
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

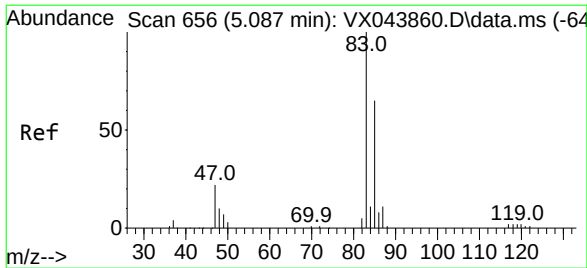
Tgt Ion: 43 Resp: 83182
Ion Ratio Lower Upper
43 100
72 31.4 16.0 47.9



#23
Bromochloromethane
Concen: 51.850 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion: 128 Resp: 43765
Ion Ratio Lower Upper
128 100
49 121.0 73.6 136.8
130 125.4 85.7 159.1
51 38.3 29.1 43.7





#25

Chloroform

Concen: 53.627 ug/L

RT: 5.086 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

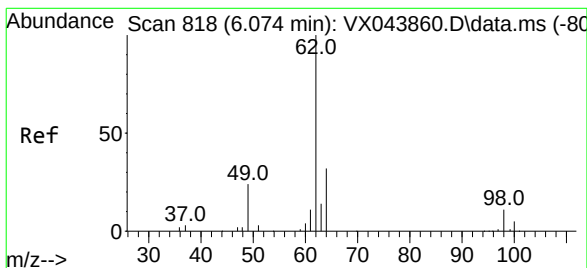
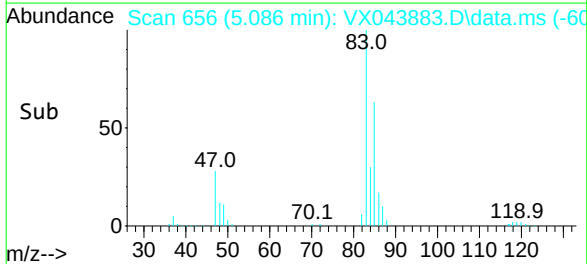
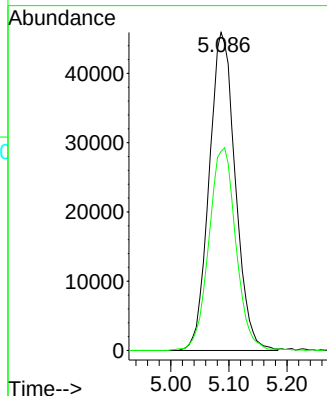
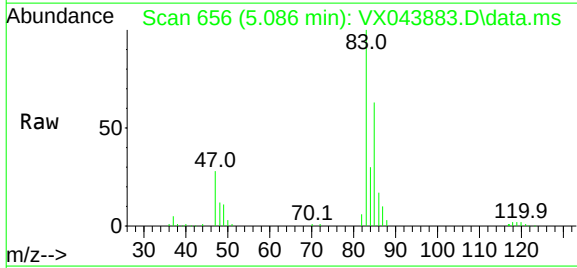
E27N6MS

Tgt Ion: 83 Resp: 143390

Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.3



#27

1,2-Dichloroethane

Concen: 54.303 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX043883.D

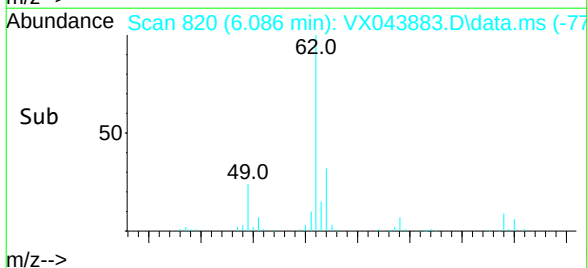
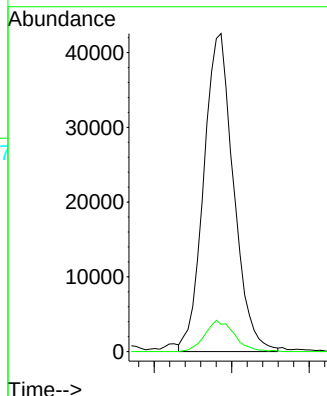
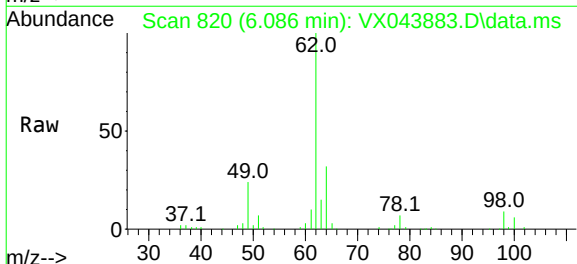
Acq: 15 Nov 2024 17:59

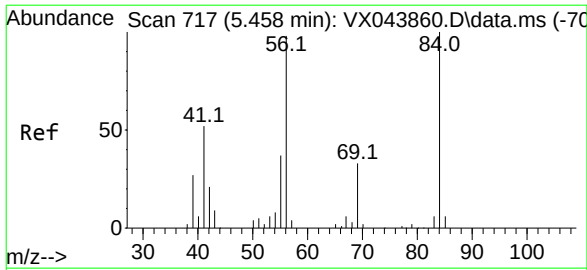
Tgt Ion: 62 Resp: 113843

Ion Ratio Lower Upper

62 100

98 8.6 7.5 11.3





#29

Cyclohexane

Concen: 47.686 ug/L

RT: 5.464 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS

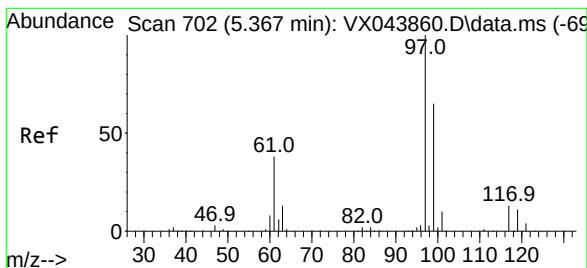
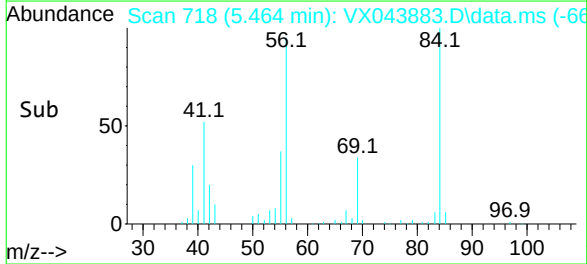
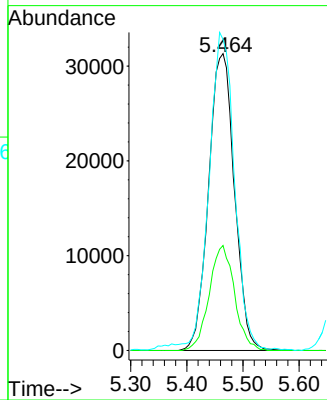
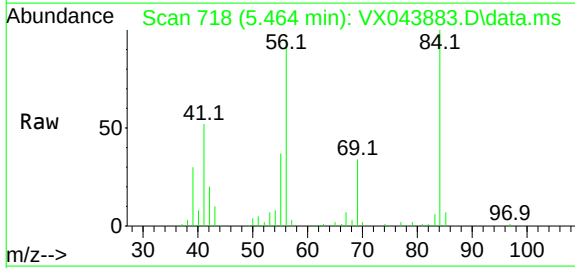
Tgt Ion: 56 Resp: 100346

Ion Ratio Lower Upper

56 100

69 34.5 28.2 42.2

84 104.8 83.4 125.0



#30

1,1,1-Trichloroethane

Concen: 51.188 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

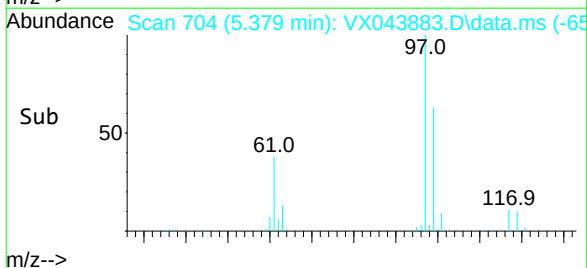
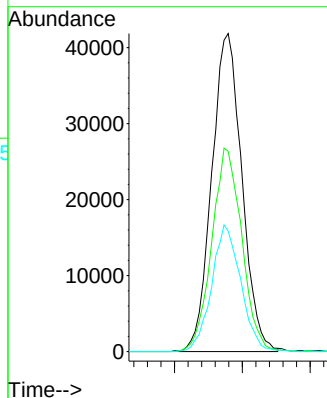
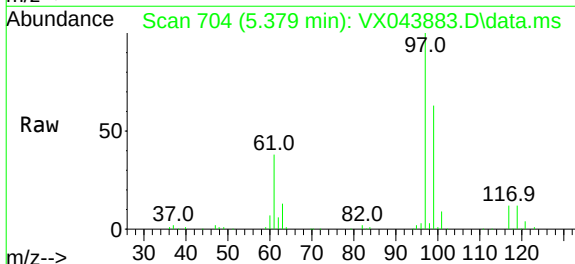
Tgt Ion: 97 Resp: 129181

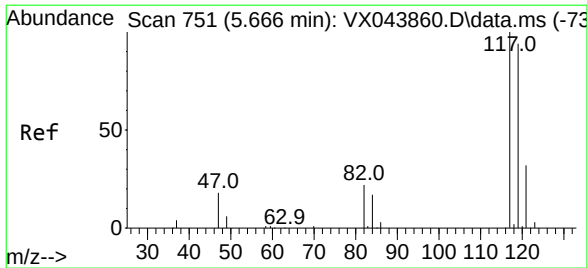
Ion Ratio Lower Upper

97 100

99 63.7 50.8 76.2

61 38.4 30.6 45.8





#31

Carbon tetrachloride

Concen: 51.288 ug/L

RT: 5.672 min Scan# 751

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

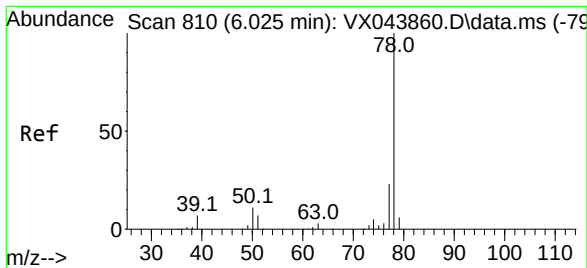
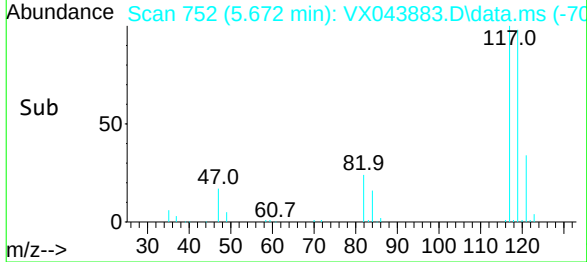
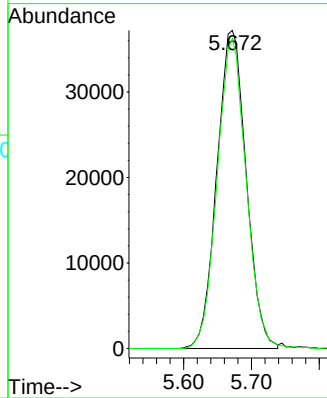
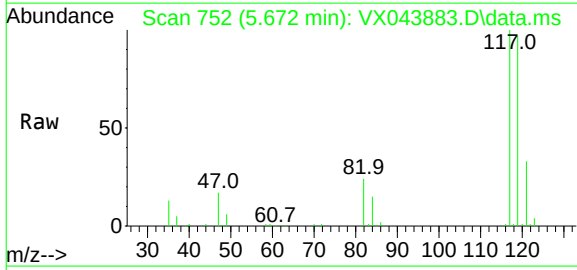
E27N6MS

Tgt Ion:117 Resp: 111690

Ion Ratio Lower Upper

117 100

119 96.1 78.0 117.0



#33

Benzene

Concen: 50.795 ug/L

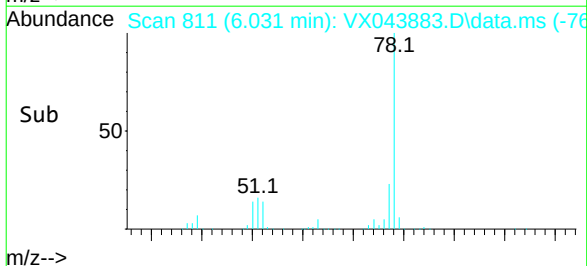
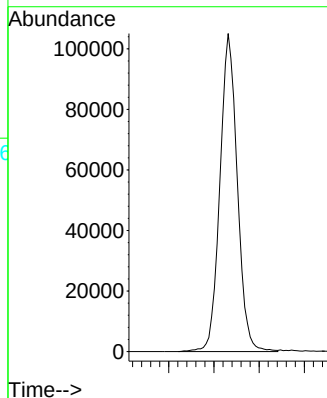
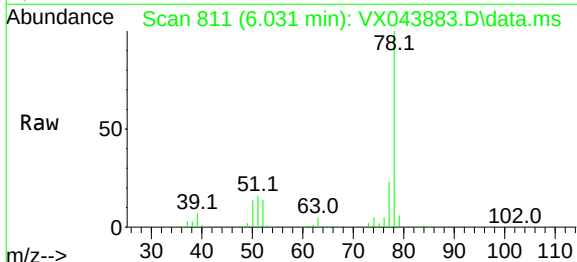
RT: 6.031 min Scan# 811

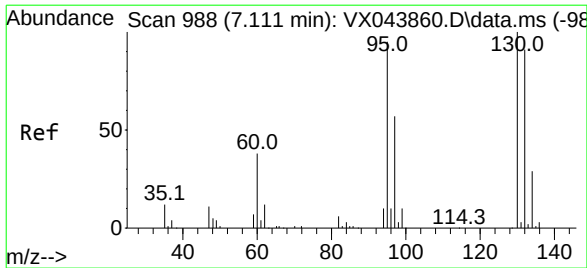
Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

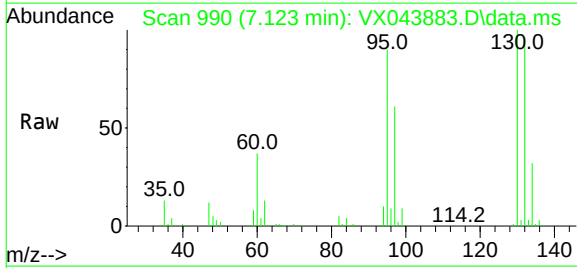
Tgt Ion: 78 Resp: 280621



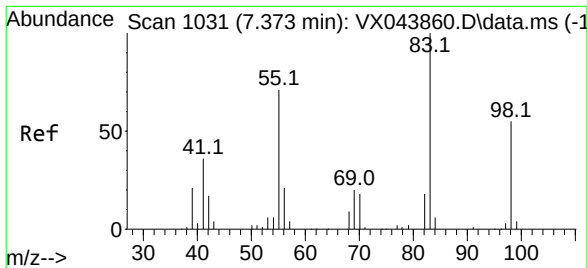
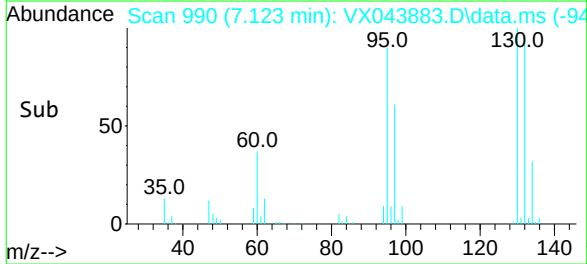
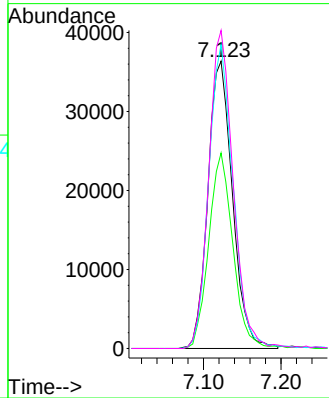


#34
Trichloroethene
Concen: 43.835 ug/L
RT: 7.123 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

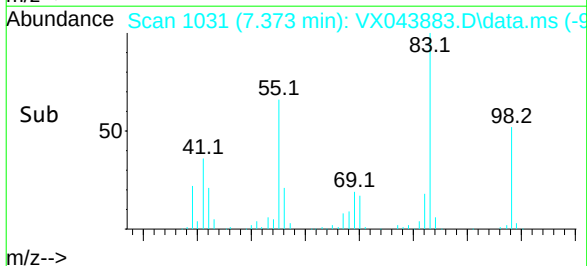
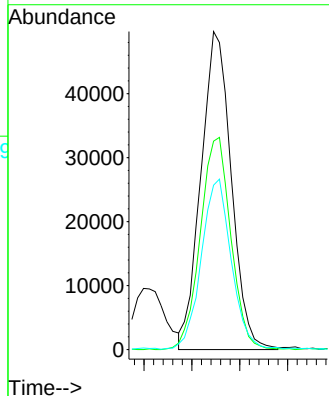
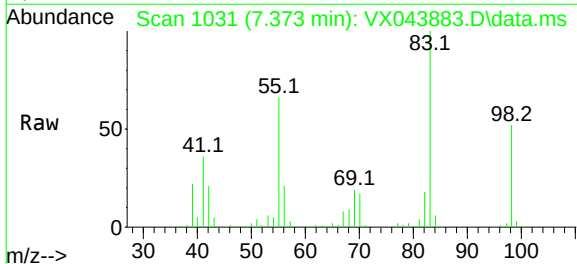


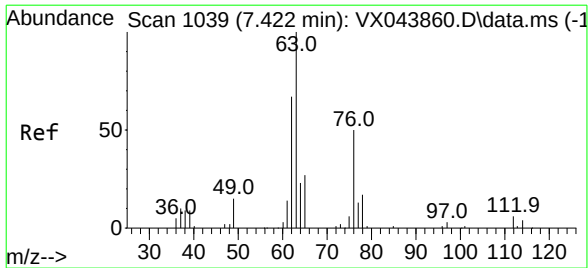
Tgt Ion: 95 Resp: 80386
Ion Ratio Lower Upper
95 100
97 68.1 45.6 84.6
132 105.7 74.4 138.2
130 110.7 72.6 134.8



#35
Methylcyclohexane
Concen: 46.671 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

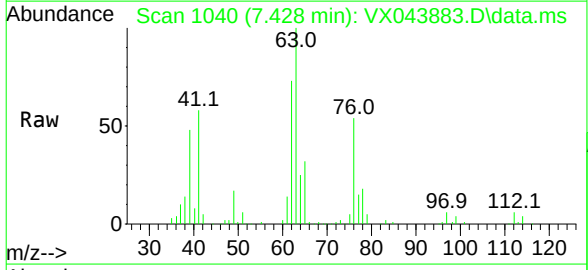
Tgt Ion: 83 Resp: 109388
Ion Ratio Lower Upper
83 100
55 67.2 53.5 80.3
98 52.6 43.0 64.6



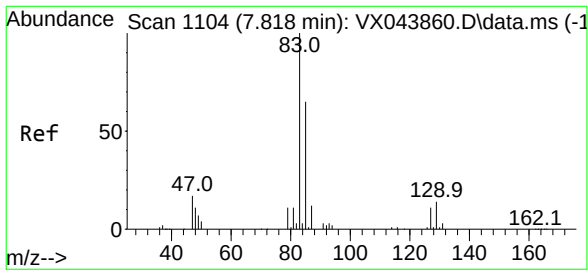
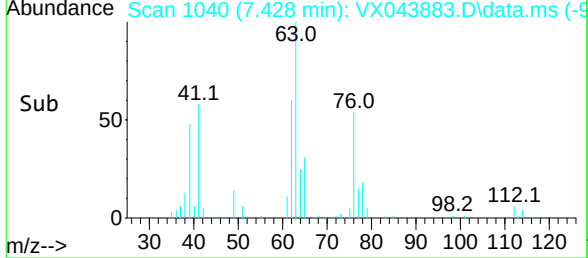
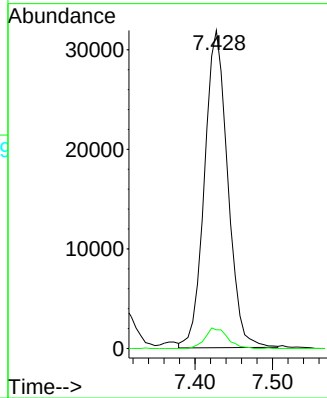


#37
1,2-Dichloropropane
Concen: 49.286 ug/L
RT: 7.428 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

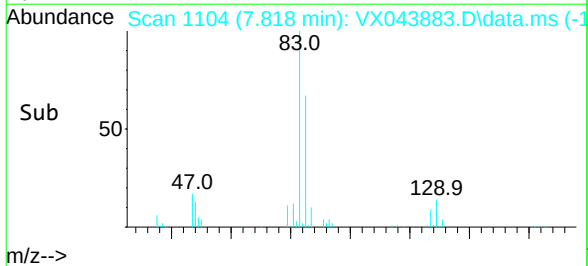
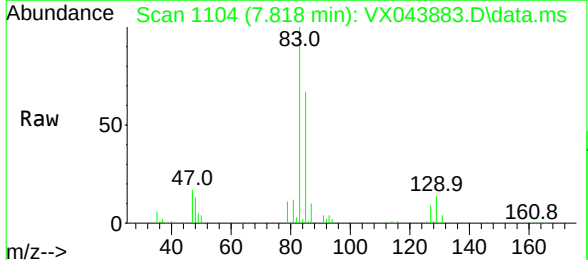
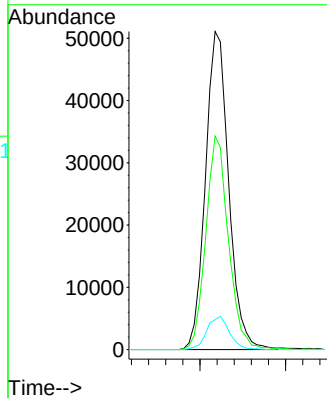


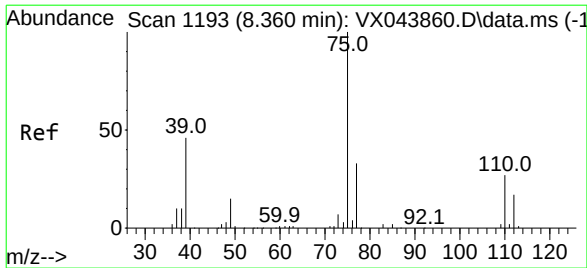
Tgt Ion: 63 Resp: 66434
Ion Ratio Lower Upper
63 100
112 6.2 4.6 7.0



#38
Bromodichloromethane
Concen: 51.478 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion: 83 Resp: 96253
Ion Ratio Lower Upper
83 100
85 67.1 46.5 86.3
127 9.4 8.1 12.1

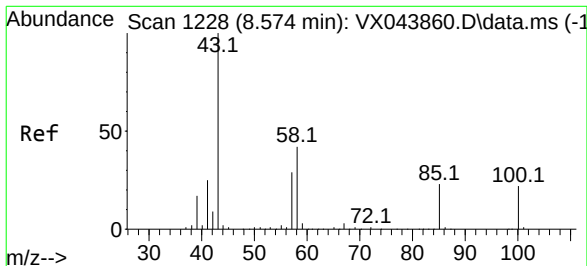
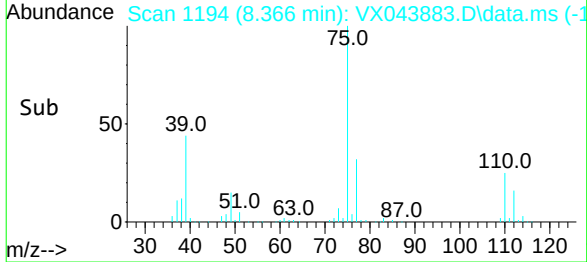
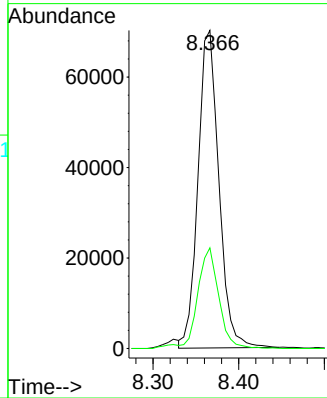
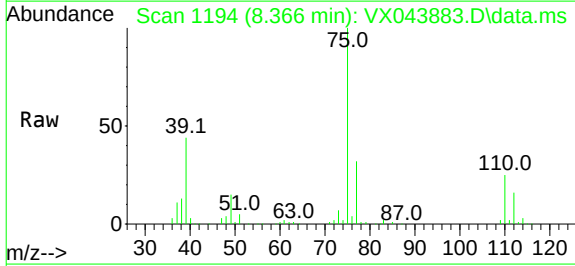




#39
cis-1,3-Dichloropropene
Concen: 52.090 ug/L
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

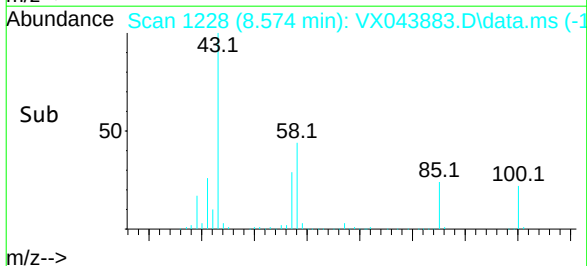
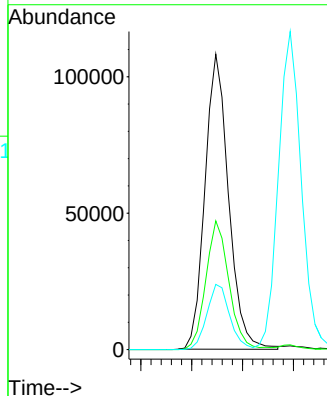
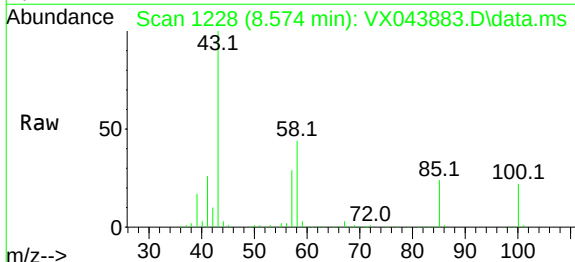
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

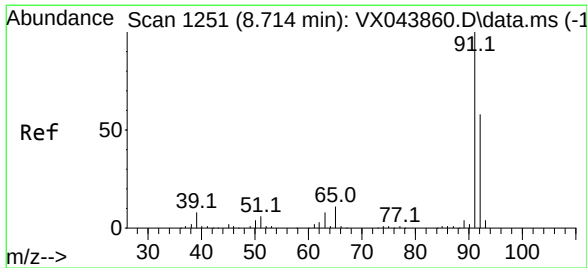
Tgt Ion: 75 Resp: 118861
Ion Ratio Lower Upper
75 100
77 31.7 23.7 44.1



#40
4-Methyl-2-pentanone
Concen: 109.852 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion: 43 Resp: 174513
Ion Ratio Lower Upper
43 100
58 42.4 34.0 51.0
100 21.4 17.2 25.8





#42

Toluene

Concen: 50.527 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

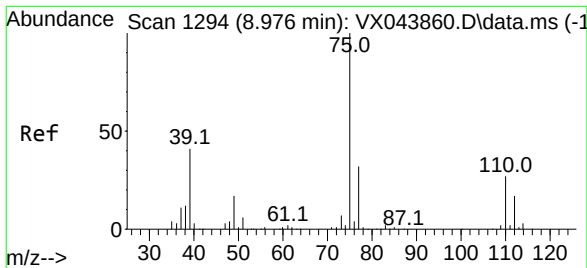
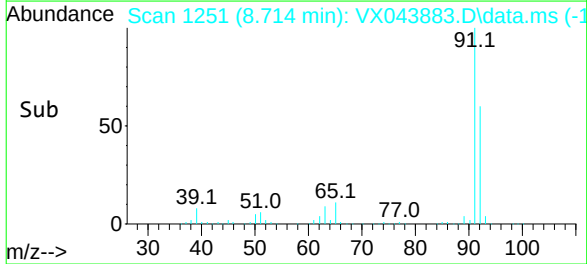
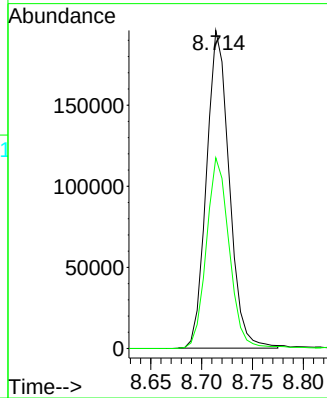
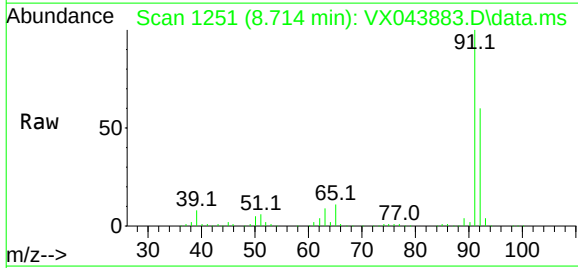
E27N6MS

Tgt Ion: 91 Resp: 304621

Ion Ratio Lower Upper

91 100

92 60.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 52.622 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043883.D

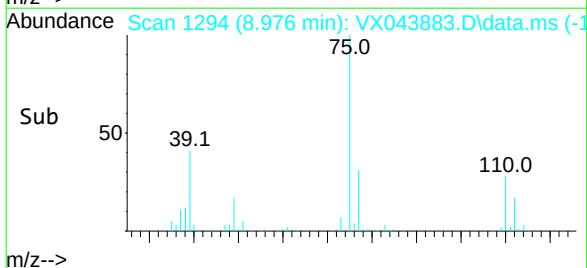
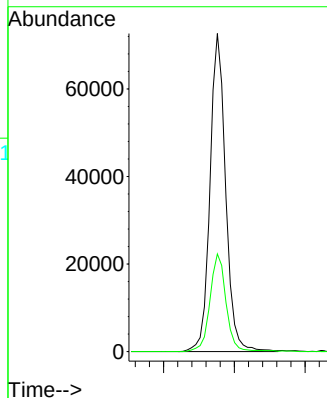
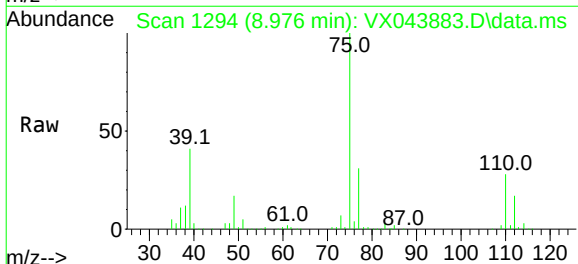
Acq: 15 Nov 2024 17:59

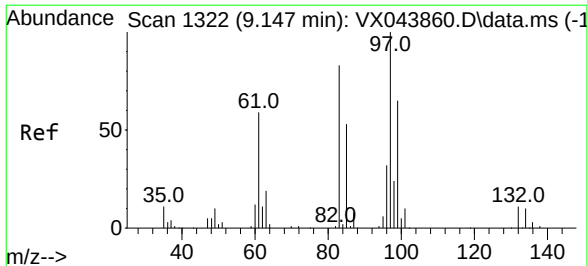
Tgt Ion: 75 Resp: 111375

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7

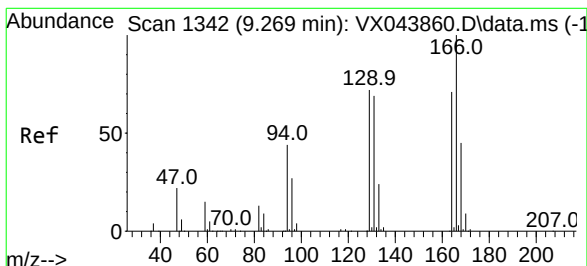
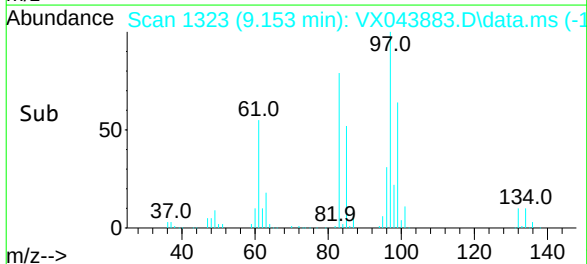
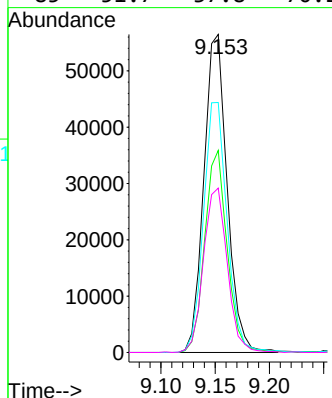
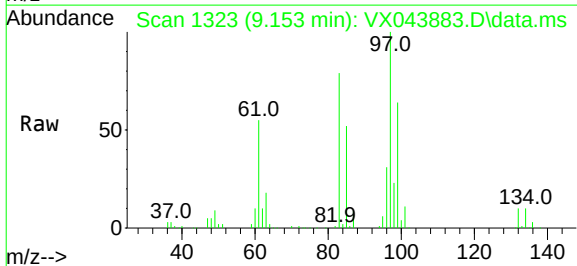




#45
1,1,2-Trichloroethane
Concen: 54.339 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

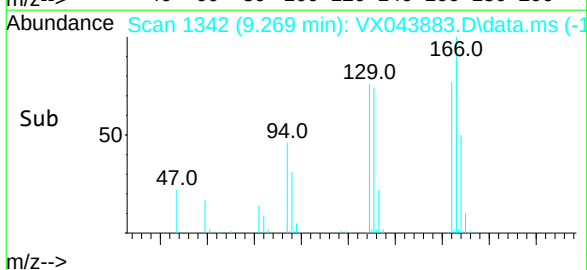
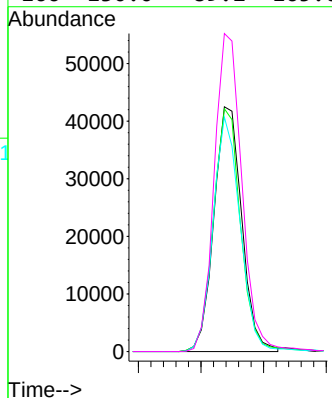
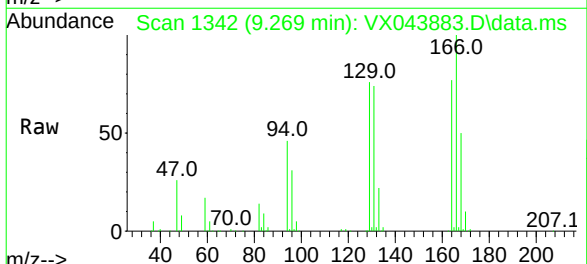
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

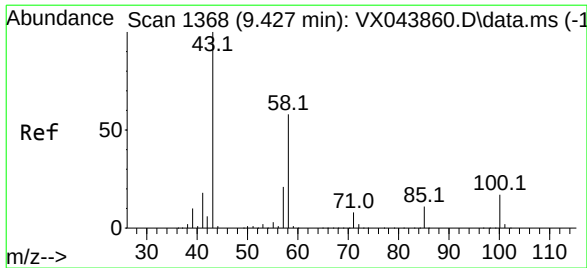
Tgt Ion:	97	Resp:	84401
Ion	Ratio	Lower	Upper
97	100		
99	63.5	42.1	78.1
83	78.6	56.9	105.7
85	51.7	37.8	70.2



#46
Tetrachloroethene
Concen: 49.661 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion:	164	Resp:	65510
Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.9	127.9
131	95.8	62.6	116.2
166	130.0	89.2	165.6

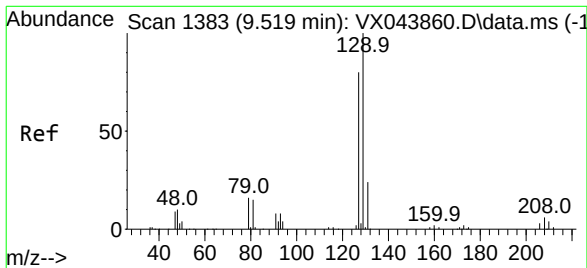
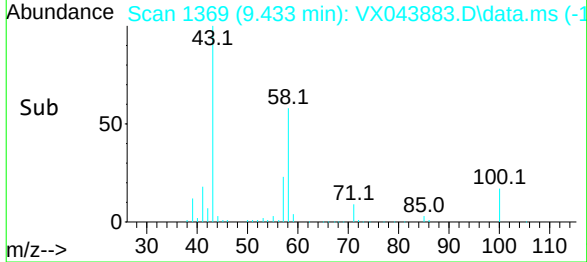
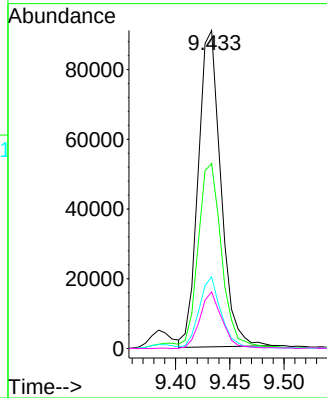
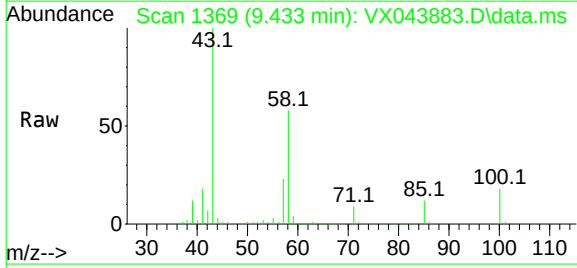




#48
2-Hexanone
Concen: 100.806 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

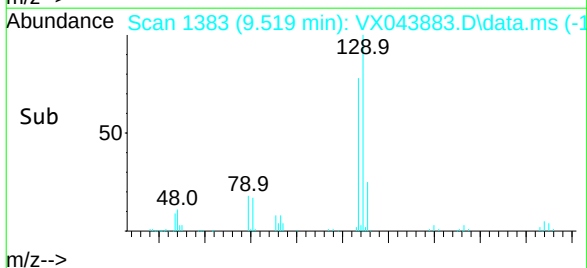
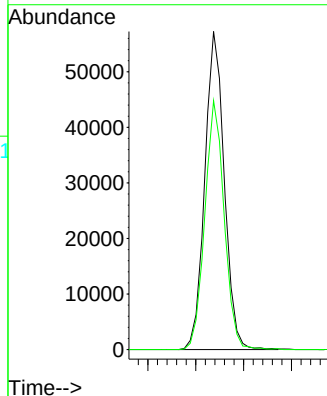
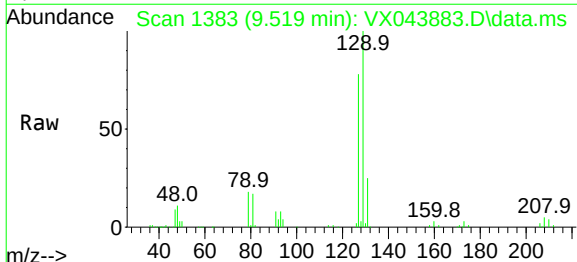
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

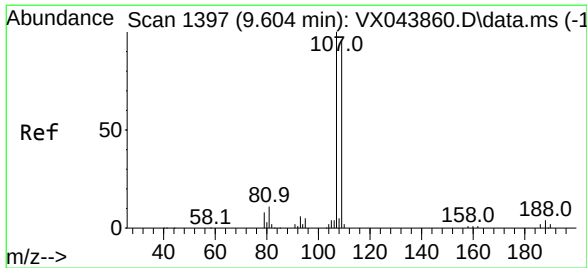
Tgt Ion:	43	Resp:	131804
Ion	Ratio	Lower	Upper
43	100		
58	61.2	47.8	71.6
57	21.1	16.6	24.8
100	17.4	13.7	20.5



#49
Dibromochloromethane
Concen: 52.988 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion:	129	Resp:	80943
Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.3	99.1

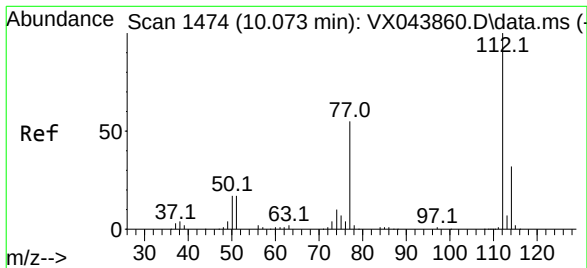
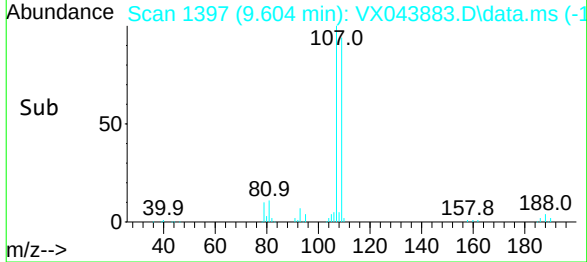
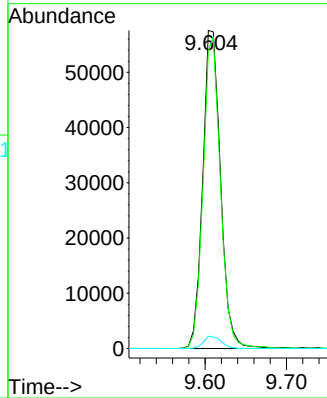
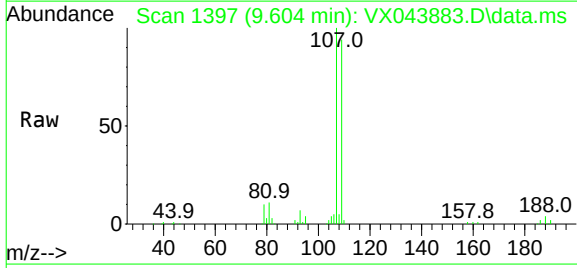




#50
1,2-Dibromoethane
Concen: 52.531 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

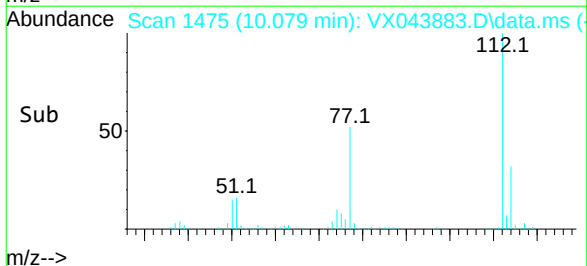
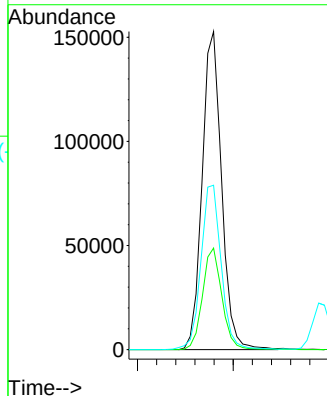
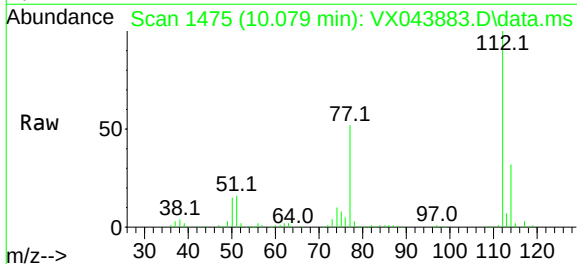
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

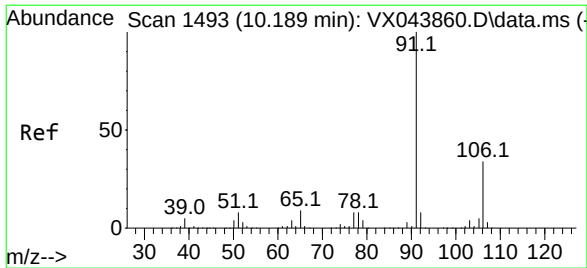
Tgt Ion:107 Resp: 87723
Ion Ratio Lower Upper
107 100
109 93.6 66.6 123.8
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 52.290 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion:112 Resp: 215379
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 51.7 42.4 63.6





#52

Ethylbenzene

Concen: 52.779 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

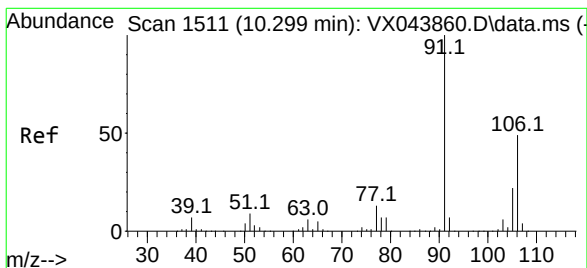
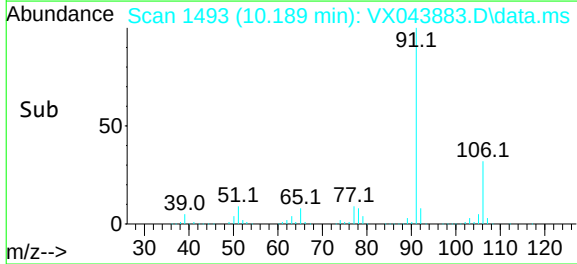
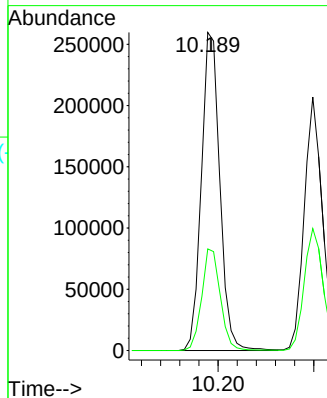
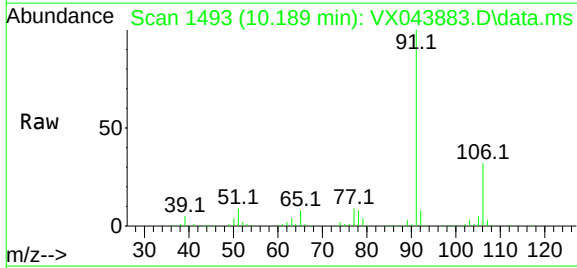
E27N6MS

Tgt Ion: 91 Resp: 348099

Ion Ratio Lower Upper

91 100

106 31.9 22.7 42.3



#53

m,p-Xylene

Concen: 51.819 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043883.D

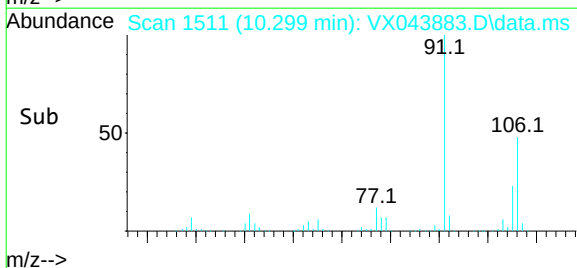
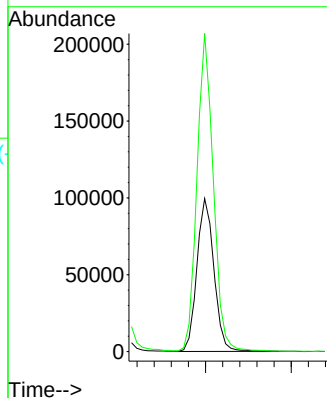
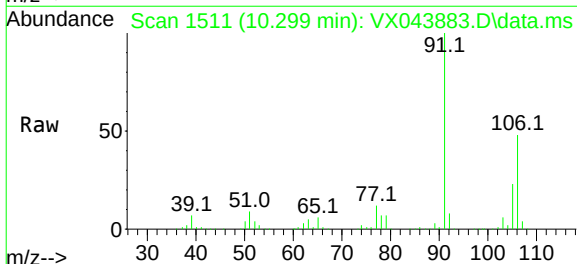
Acq: 15 Nov 2024 17:59

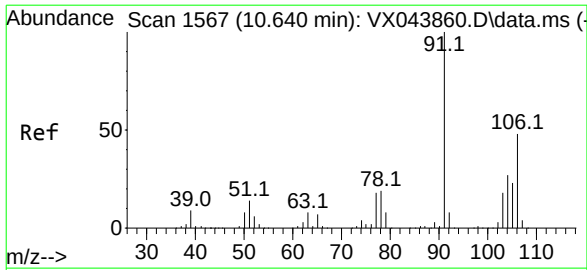
Tgt Ion: 106 Resp: 137395

Ion Ratio Lower Upper

106 100

91 207.8 134.3 249.5





#54

o-Xylene

Concen: 53.327 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

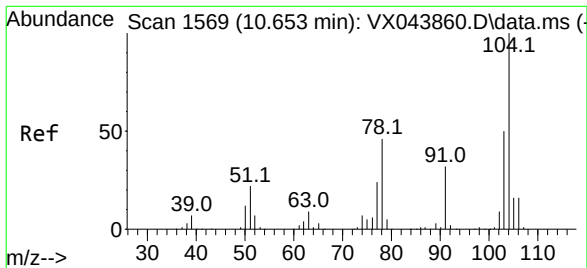
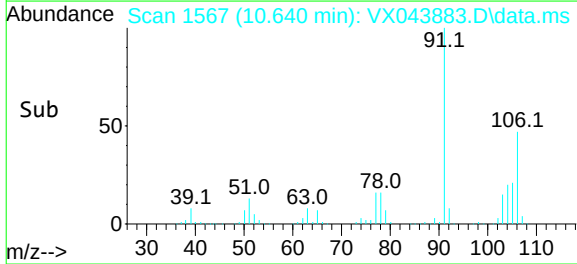
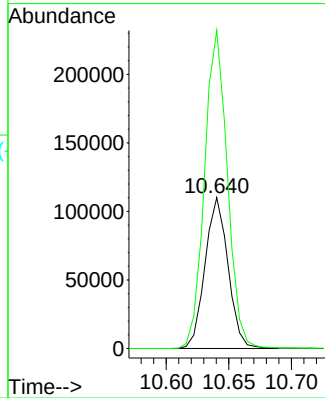
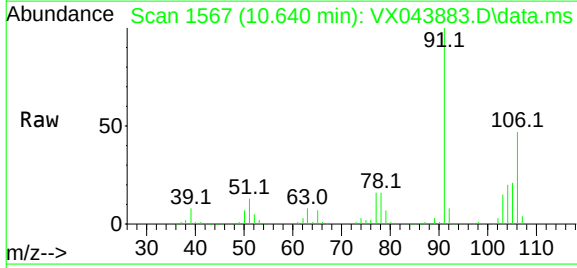
E27N6MS

Tgt Ion:106 Resp: 140772

Ion Ratio Lower Upper

106 100

91 210.8 149.7 277.9



#55

Styrene

Concen: 54.332 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043883.D

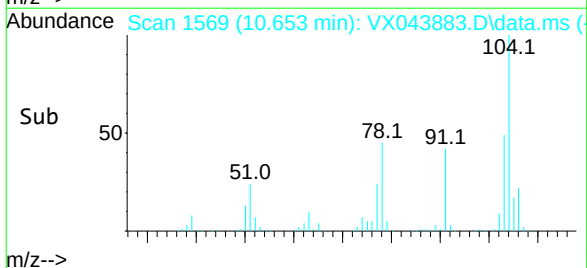
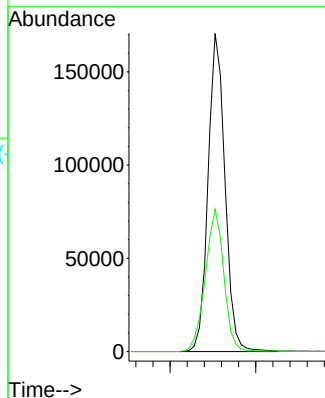
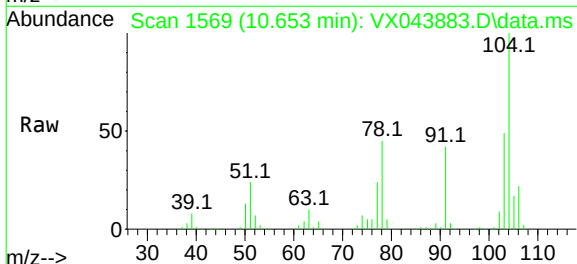
Acq: 15 Nov 2024 17:59

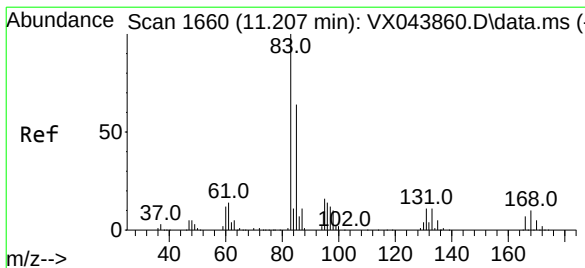
Tgt Ion:104 Resp: 233446

Ion Ratio Lower Upper

104 100

78 44.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.123 ug/L

RT: 11.213 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS

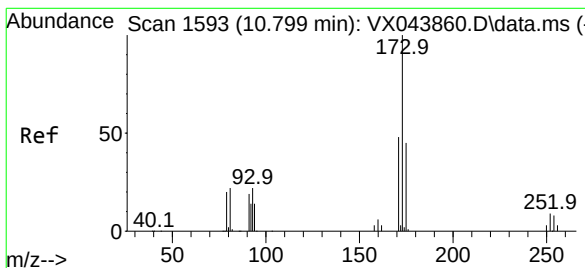
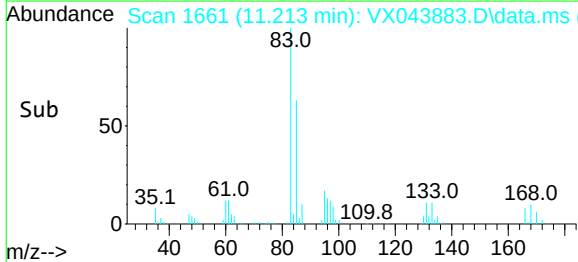
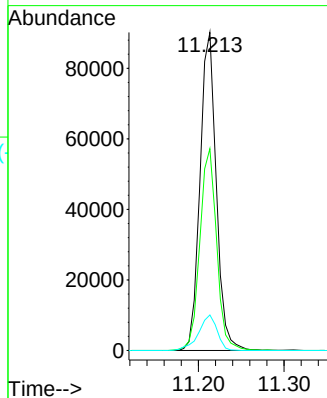
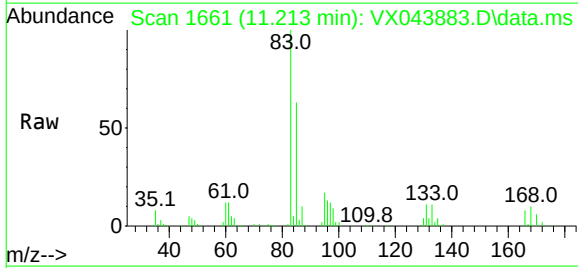
Tgt Ion: 83 Resp: 119006

Ion Ratio Lower Upper

83 100

85 63.4 46.2 85.8

131 11.2 9.2 13.8



#59

Bromoform

Concen: 53.930 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

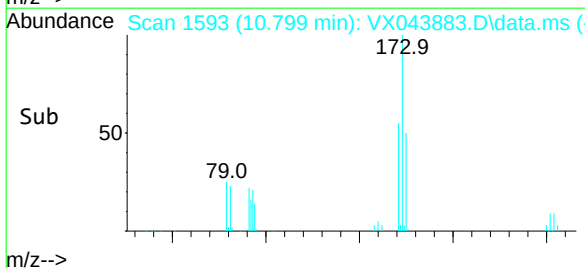
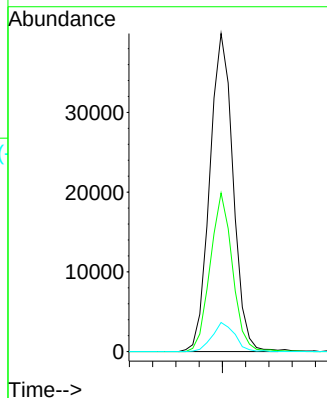
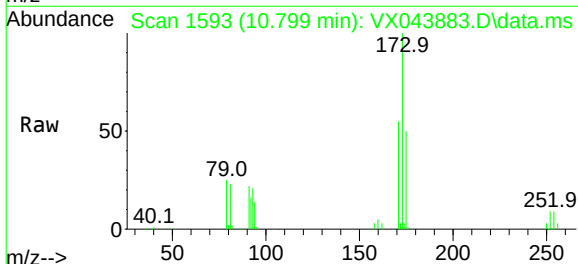
Tgt Ion: 173 Resp: 55626

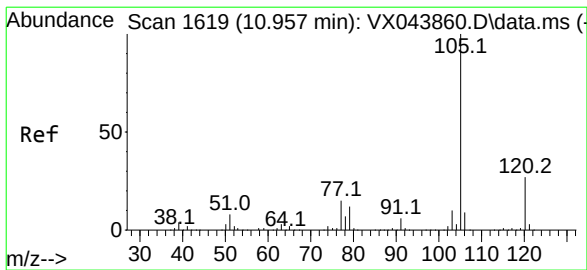
Ion Ratio Lower Upper

173 100

175 47.4 40.0 60.0

254 8.9 7.0 10.4





#60

Isopropylbenzene

Concen: 53.913 ug/L

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS

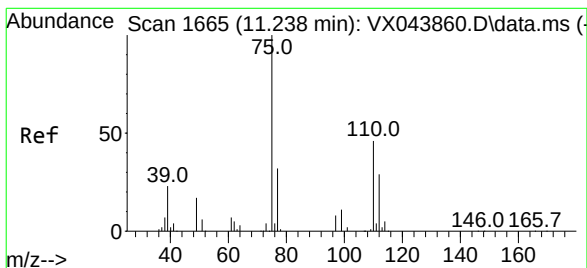
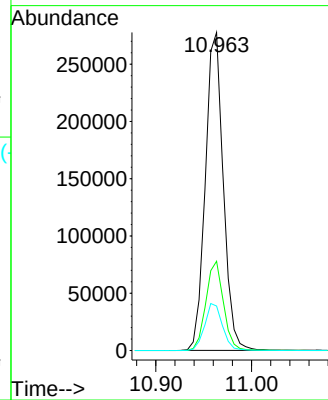
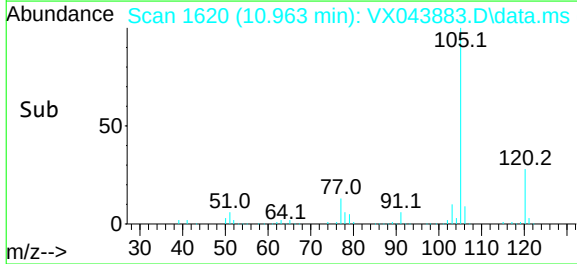
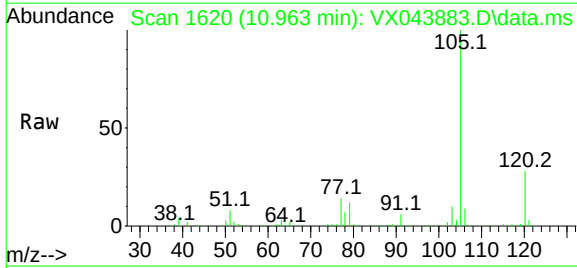
Tgt Ion:105 Resp: 361199

Ion Ratio Lower Upper

105 100

120 27.6 22.4 33.6

77 14.7 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 55.723 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

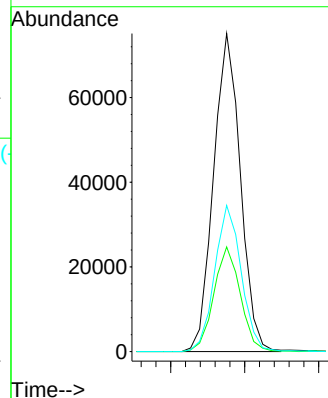
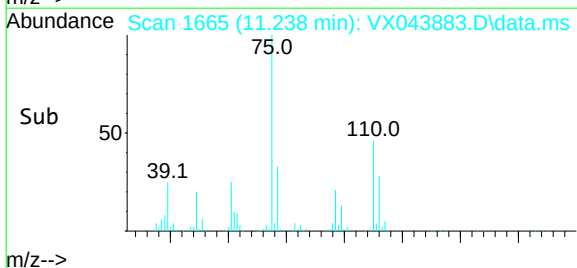
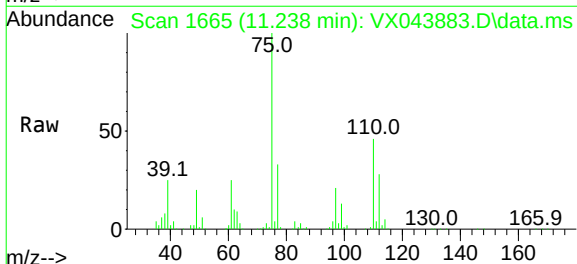
Tgt Ion: 75 Resp: 94673

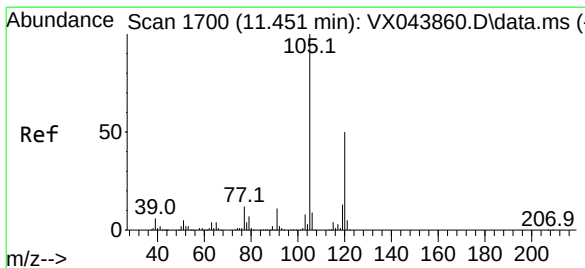
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 45.5 37.0 55.6

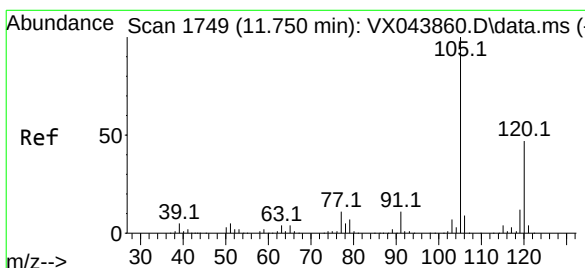
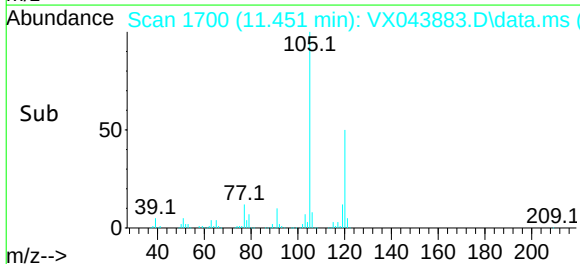
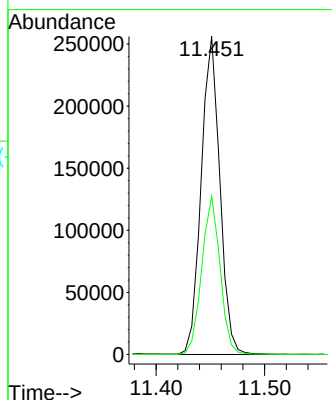
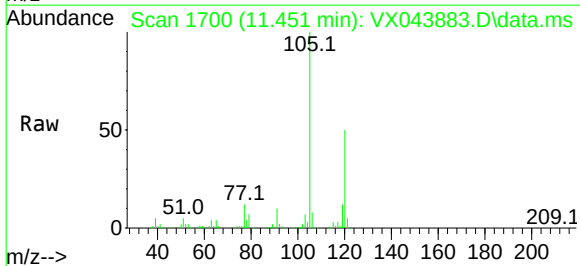




#62
1,3,5-Trimethylbenzene
Concen: 54.286 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

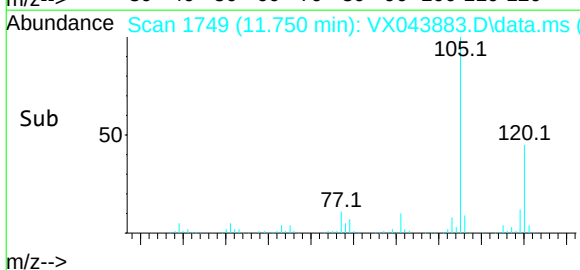
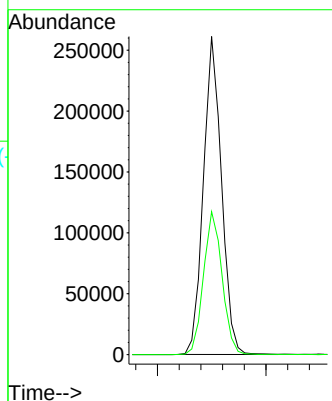
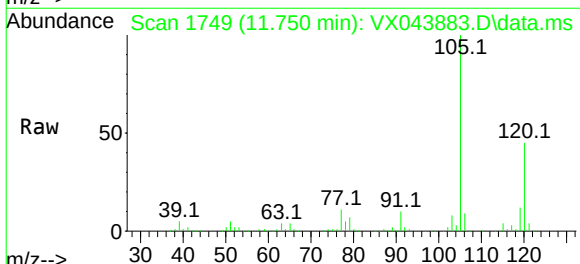
Instrument :
MSVOA_X
ClientSampleId :
E27N6MS

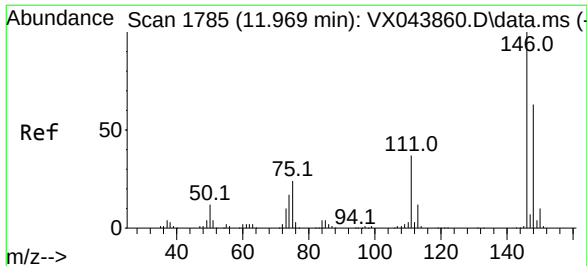
Tgt Ion:105 Resp: 306272
Ion Ratio Lower Upper
105 100
120 49.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 53.869 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043883.D
Acq: 15 Nov 2024 17:59

Tgt Ion:105 Resp: 302551
Ion Ratio Lower Upper
105 100
120 46.0 37.6 56.4





#64

1,3-Dichlorobenzene

Concen: 52.186 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS

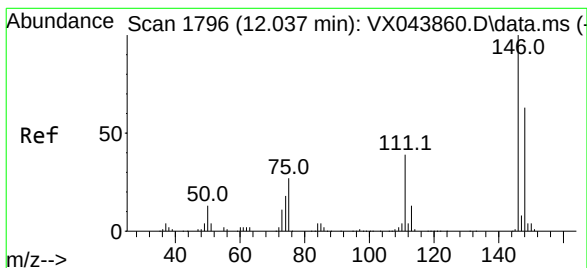
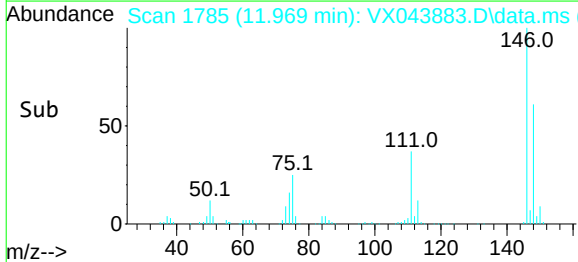
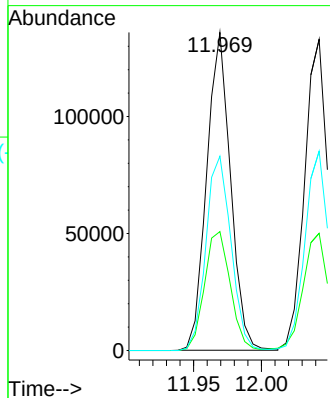
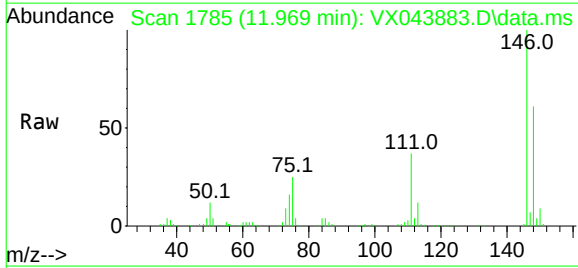
Tgt Ion:146 Resp: 166100

Ion Ratio Lower Upper

146 100

111 37.4 27.2 50.4

148 61.1 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 51.336 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

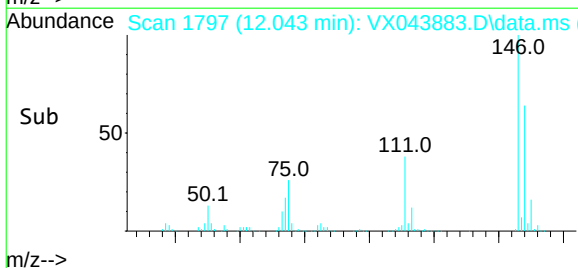
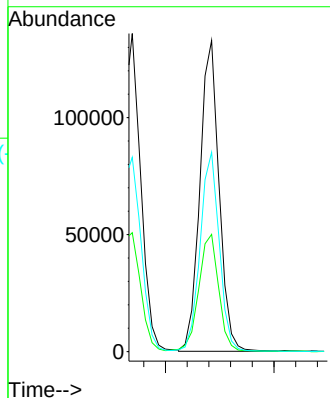
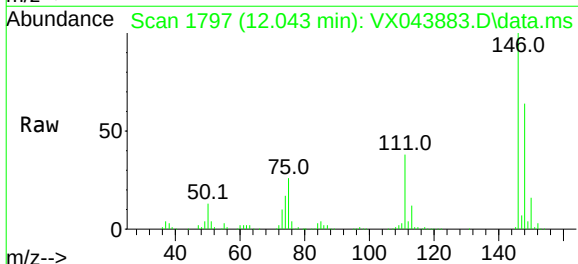
Tgt Ion:146 Resp: 163192

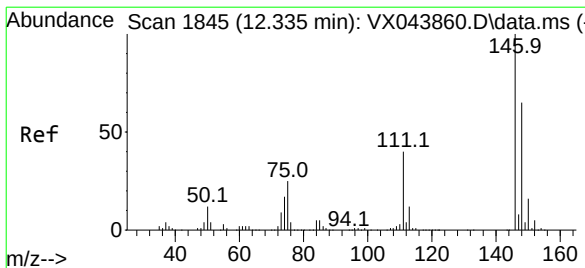
Ion Ratio Lower Upper

146 100

111 37.7 27.5 51.1

148 64.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 51.958 ug/L

RT: 12.335 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX043883.D

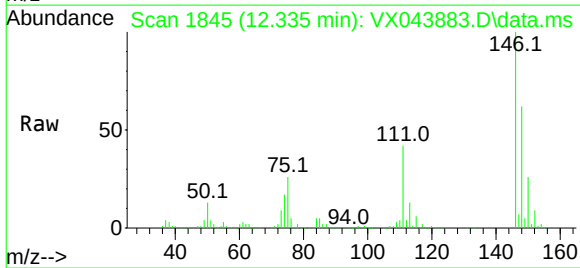
Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS



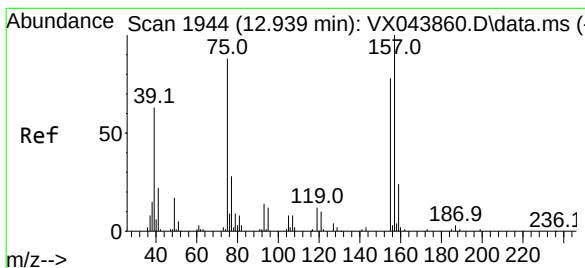
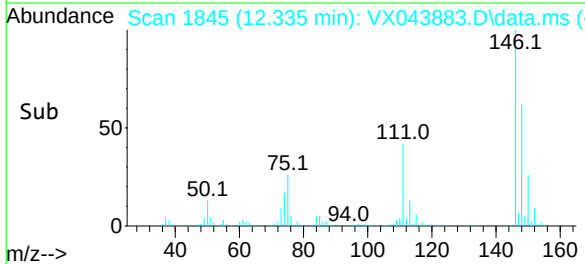
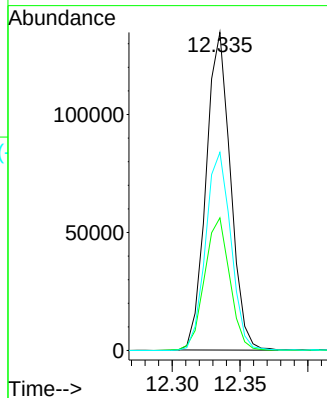
Tgt Ion:146 Resp: 168626

Ion Ratio Lower Upper

146 100

111 41.7 33.0 49.4

148 62.3 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 62.763 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

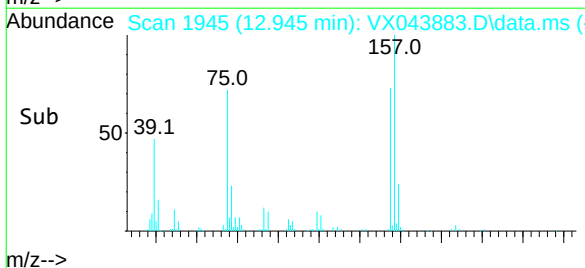
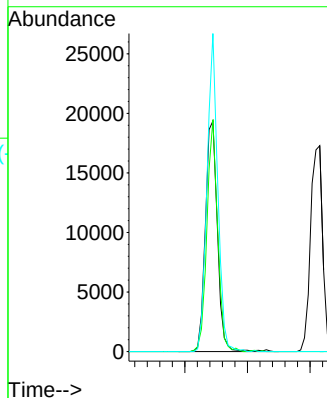
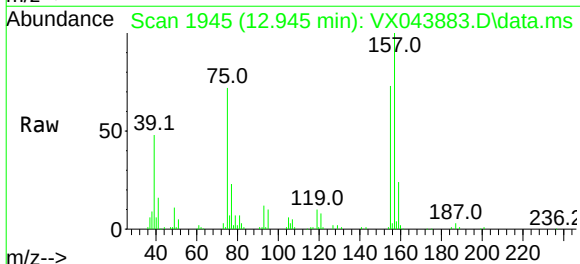
Tgt Ion: 75 Resp: 25770

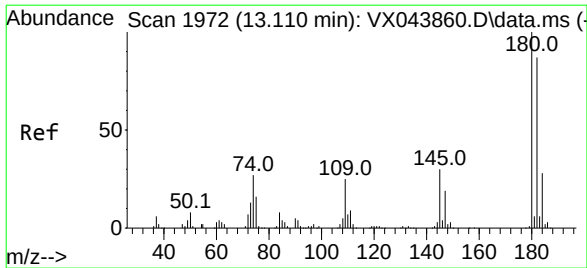
Ion Ratio Lower Upper

75 100

155 100.6 68.7 103.1

157 137.9 87.2 130.8#





#69

1,3,5-Trichlorobenzene

Concen: 70.262 ug/L

RT: 13.116 min Scan# 19

Delta R.T. 0.006 min

Lab File: VX043883.D

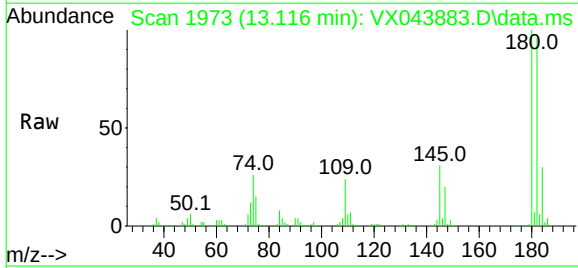
Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS



Tgt Ion:180 Resp: 149874

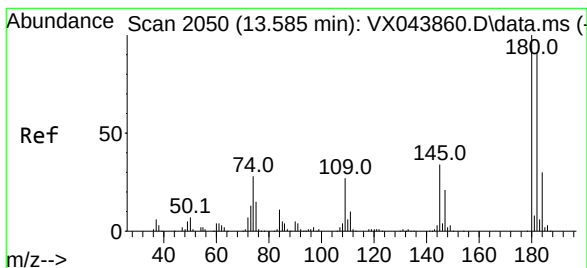
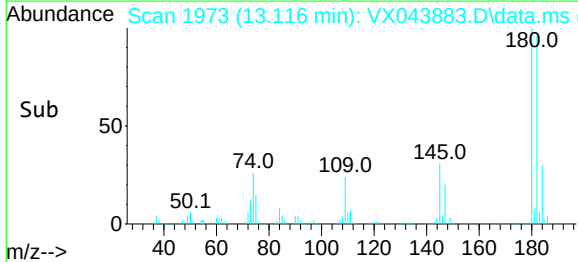
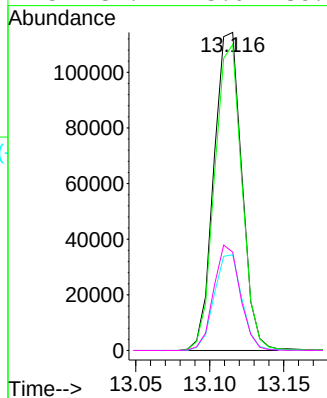
Ion Ratio Lower Upper

180 100

182 94.4 74.5 111.7

184 30.1 23.9 35.9

145 31.7 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 74.552 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

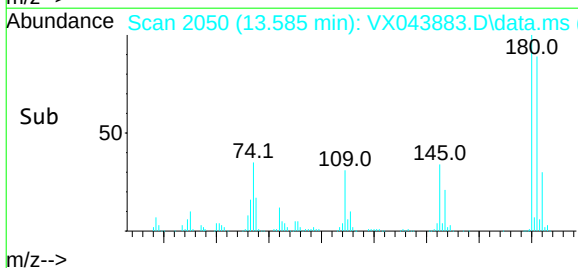
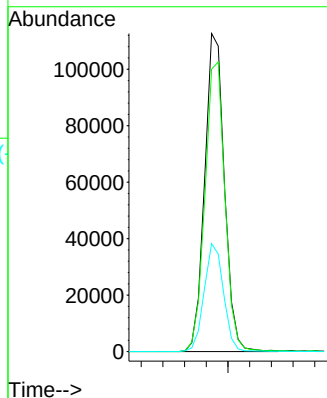
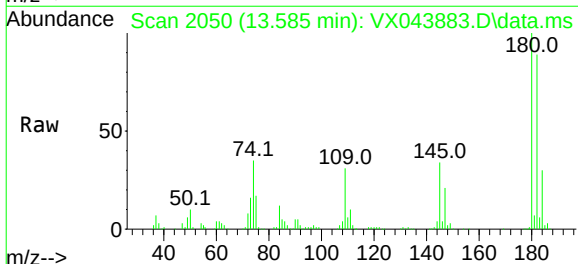
Tgt Ion:180 Resp: 142297

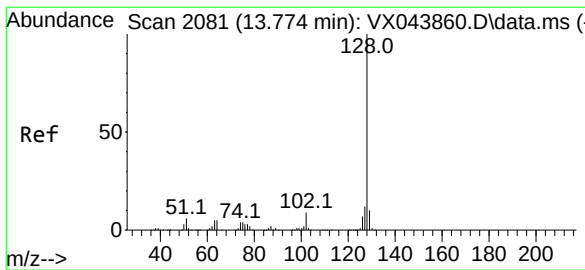
Ion Ratio Lower Upper

180 100

182 92.2 75.7 113.5

145 33.2 26.5 39.7





#71

Naphthalene

Concen: 83.026 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

E27N6MS

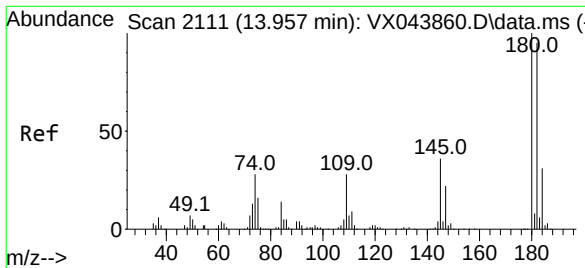
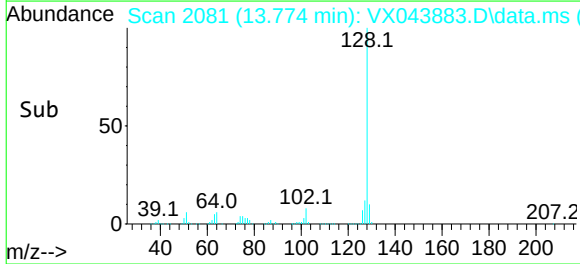
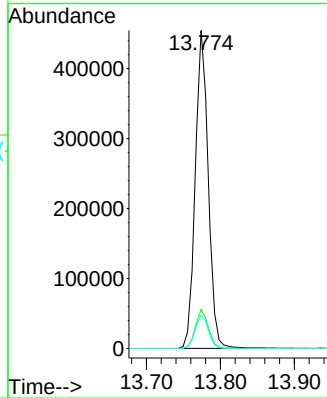
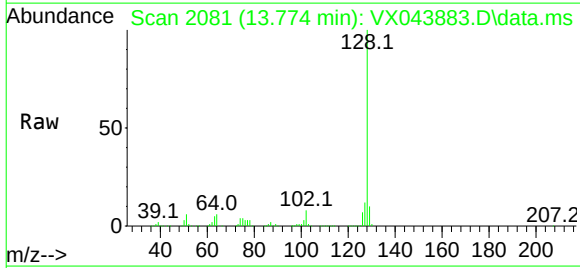
Tgt Ion:128 Resp: 552302

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.6

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 76.059 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043883.D

Acq: 15 Nov 2024 17:59

Tgt Ion:180 Resp: 149051

Ion Ratio Lower Upper

180 100

182 95.9 75.7 113.5

145 35.2 27.6 41.4

