

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025971.D
 Acq On : 21 Dec 2021 20:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:41:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	209880	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	161154	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	47122	27.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.700%#
7) Chloroethane-d5	1.666	69	44623	31.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.160%#
11) 1,1-Dichloroethene-d2	2.312	63	105305	35.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	4.458	46	89822	73.584	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.580%
24) Chloroform-d	5.062	84	123403	38.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.100%
26) 1,2-Dichloroethane-d4	5.958	65	85605	40.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.940%
32) Benzene-d6	5.982	84	264735	54.222	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.440%
36) 1,2-Dichloropropane-d6	7.312	67	102776	69.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	138.220%#
41) Toluene-d8	8.653	98	245053	52.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.720%
43) trans-1,3-Dichloroprop...	8.951	79	26714	40.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.380%
47) 2-Hexanone-d5	9.384	63	64048	95.812	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.810%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	101166	48.022	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	78226	45.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70678	38.988	ug/L	99
3) Chloromethane	1.294	50	69429	37.166	ug/L	96
5) Vinyl chloride	1.374	62	73075	38.440	ug/L	99
6) Bromomethane	1.605	94	49112	36.406	ug/L	97
8) Chloroethane	1.684	64	49167	39.092	ug/L	99
9) Trichlorofluoromethane	1.886	101	114513	40.810	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	56822	41.532	ug/L	90
12) 1,1-Dichloroethene	2.318	96	55178	41.985	ug/L	80
13) Acetone	2.379	43	58140	59.536	ug/L	94
14) Carbon disulfide	2.514	76	133509	34.620	ug/L	100
15) Methyl Acetate	2.703	43	66046	37.328	ug/L #	90
16) Methylene chloride	2.794	84	59775	35.463	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	54030	34.867	ug/L	86
18) Methyl tert-butyl Ether	3.117	73	178091	35.856	ug/L	97
19) 1,1-Dichloroethane	3.611	63	104810	37.503	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	64902	36.931	ug/L	90
22) 2-Butanone	4.562	43	97963	70.709	ug/L	94
23) Bromochloromethane	4.903	128	32812	35.654	ug/L	84
25) Chloroform	5.098	83	117844	38.591	ug/L	97

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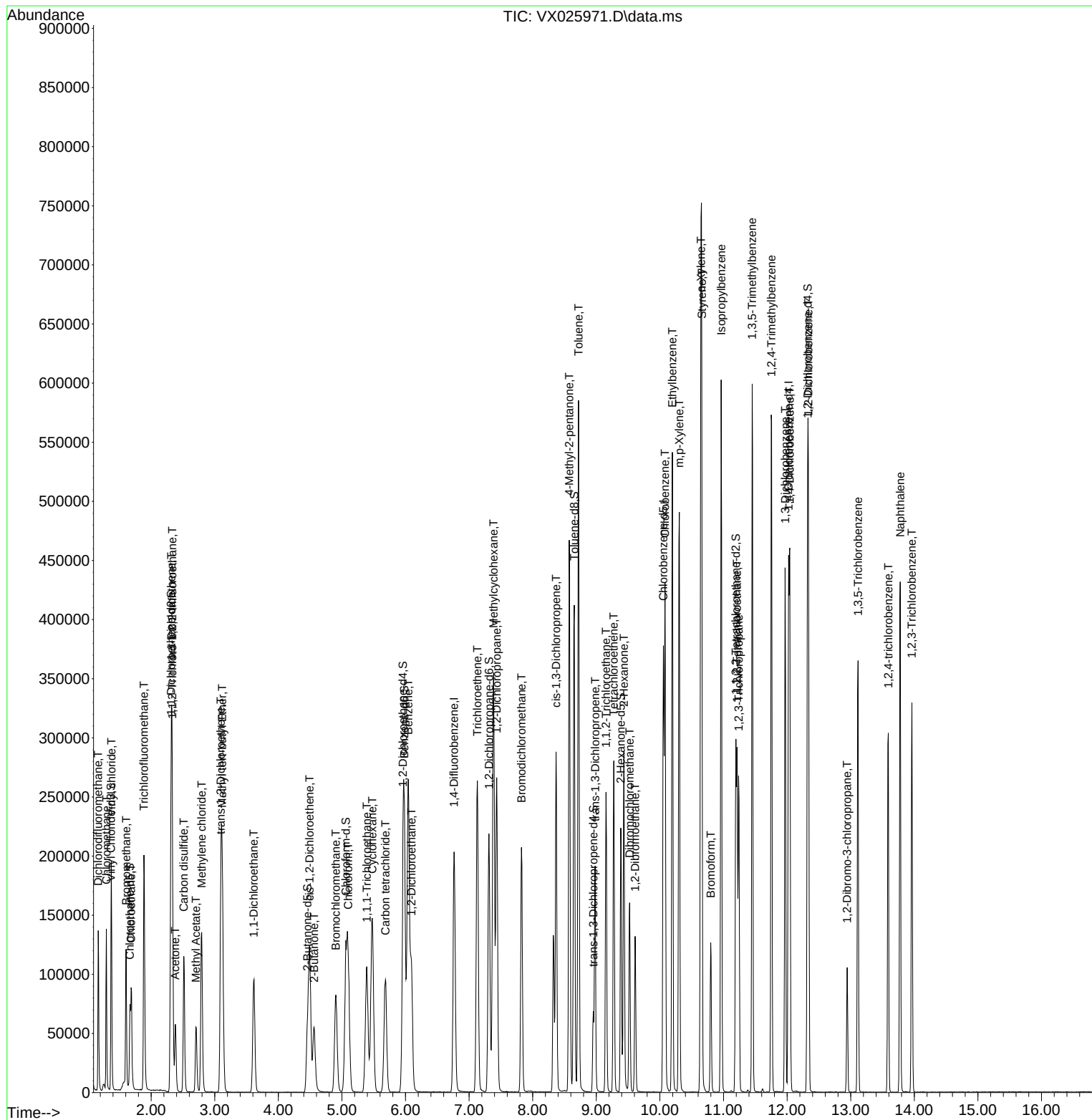
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	113566	46.397	ug/L	97
29) Cyclohexane	5.476	56	98701	52.196	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	96507	48.785	ug/L	96
31) Carbon tetrachloride	5.684	117	81441	48.324	ug/L	98
33) Benzene	6.043	78	318330	62.792	ug/L	100
34) Trichloroethene	7.129	95	100310	76.054	ug/L	89
35) Methylcyclohexane	7.385	83	151993	79.715	ug/L	92
37) 1,2-Dichloropropane	7.433	63	97993	77.960	ug/L	99
38) Bromodichloromethane	7.824	83	129321	75.991	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	134001	72.058	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	277528	144.099	ug/L	95
42) Toluene	8.720	91	345198	62.781	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	82810	47.419	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	63033	48.145	ug/L	96
46) Tetrachloroethene	9.275	164	46378	45.855	ug/L	95
48) 2-Hexanone	9.433	43	153060	97.546	ug/L	96
49) Dibromochloromethane	9.525	129	66003	48.218	ug/L	98
50) 1,2-Dibromoethane	9.610	107	68010	49.106	ug/L	100
51) Chlorobenzene	10.079	112	174954	48.741	ug/L	96
52) Ethylbenzene	10.195	91	301299	51.087	ug/L	95
53) m,p-Xylene	10.305	106	115533	49.205	ug/L	94
54) o-Xylene	10.646	106	115305	50.480	ug/L	91
55) Styrene	10.658	104	198458	51.531	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	101273	49.532	ug/L	98
59) Bromoform	10.799	173	42781	46.622	ug/L	98
60) Isopropylbenzene	10.963	105	301101	51.806	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	82592	49.918	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	254539	51.855	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	255017	51.712	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	130536	48.528	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	130938	48.619	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	132261	49.573	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	18844	48.755	ug/L	83
69) 1,3,5-Trichlorobenzene	13.115	180	80791	46.642	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	69040	48.482	ug/L	97
71) Naphthalene	13.780	128	262307	54.051	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	71941	50.453	ug/L	98

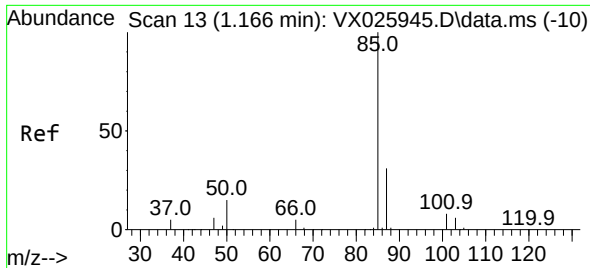
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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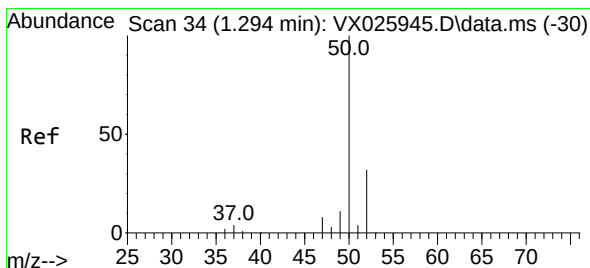
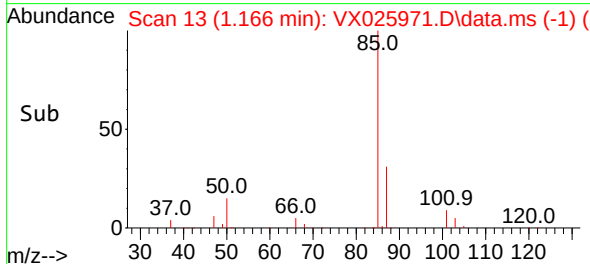
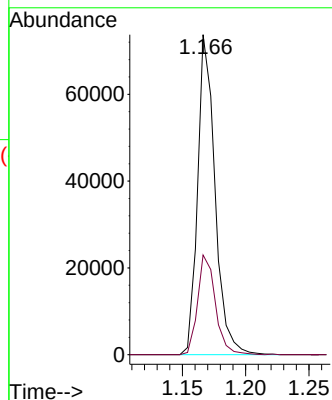
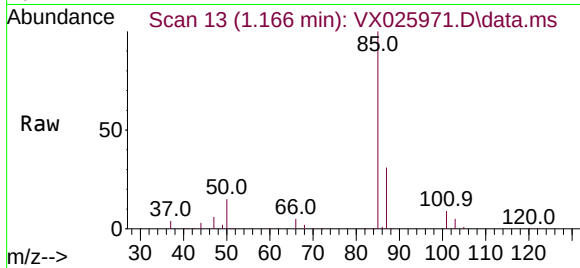




#2
 Dichlorodifluoromethane
 Concen: 38.988 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

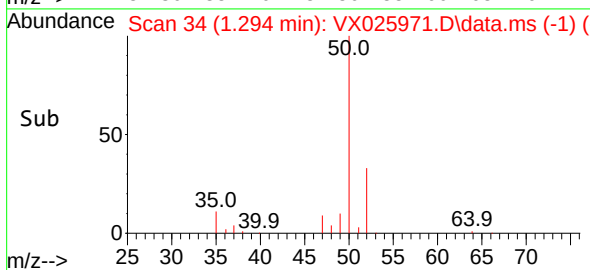
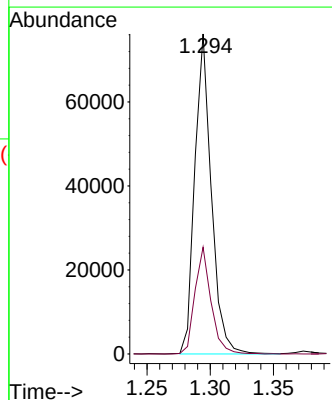
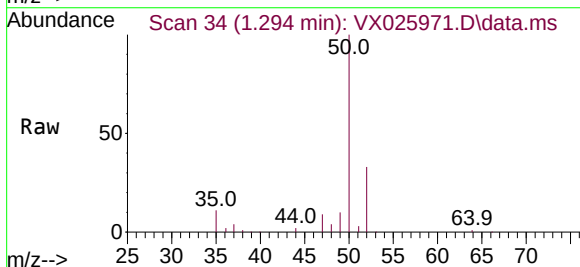
Instrument :
 MSVOA_X
 ClientSampleId :

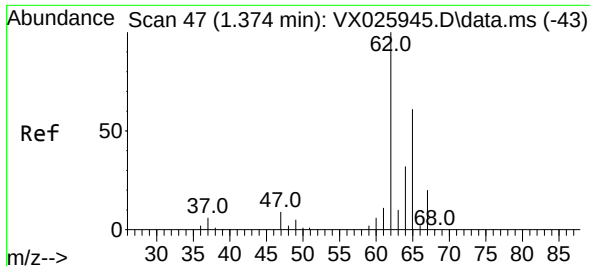
Tgt Ion: 85 Resp: 70678
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 37.166 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

Tgt Ion: 50 Resp: 69429
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.0 40.8

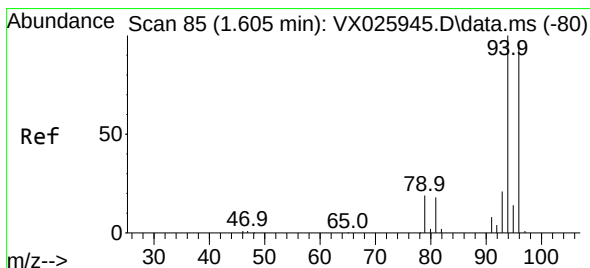
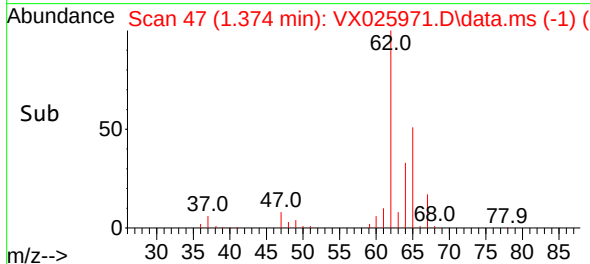
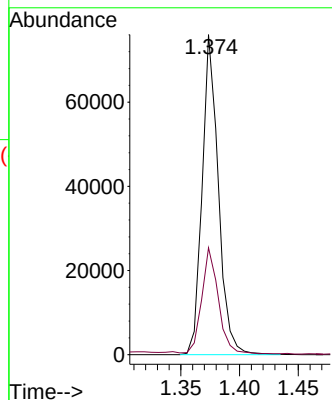
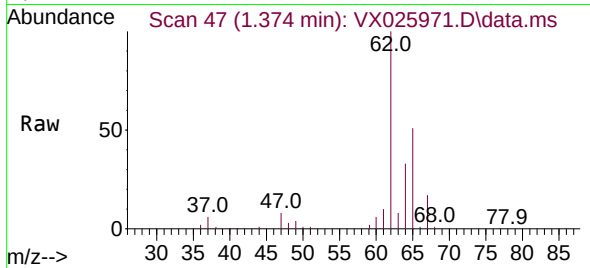




#5
 Vinyl chloride
 Concen: 38.440 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

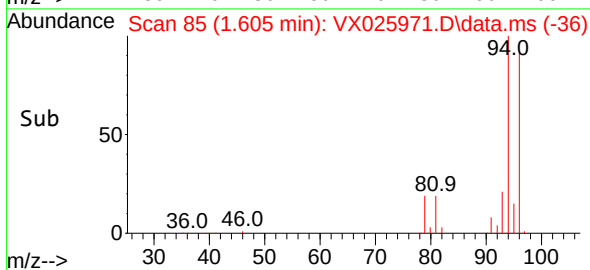
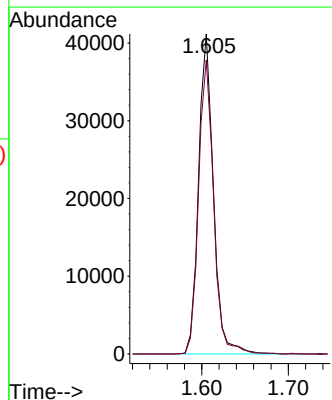
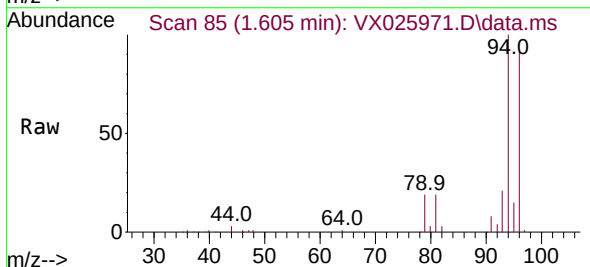
Instrument :
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 ClientSampleId :

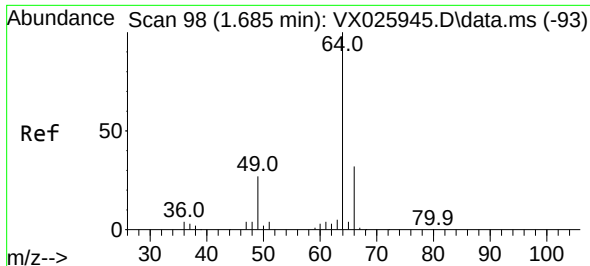
Tgt Ion: 62 Resp: 73075
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 36.406 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

Tgt Ion: 94 Resp: 49112
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.7 123.9

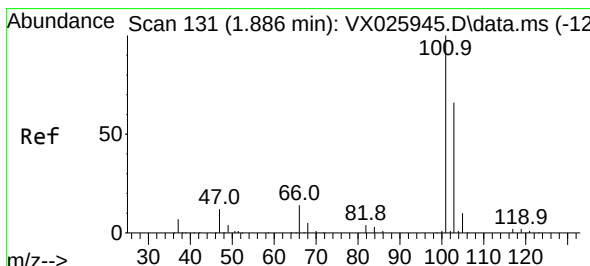
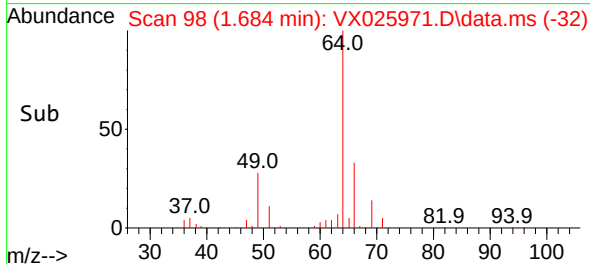
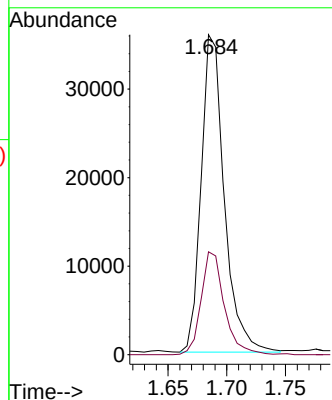
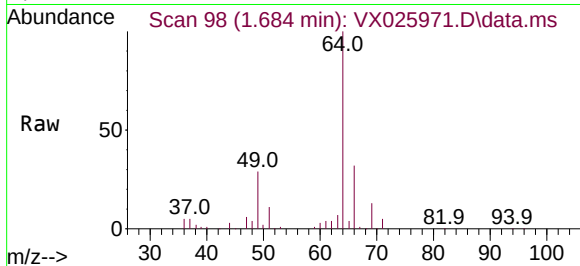




#8
Chloroethane
Concen: 39.092 ug/L
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

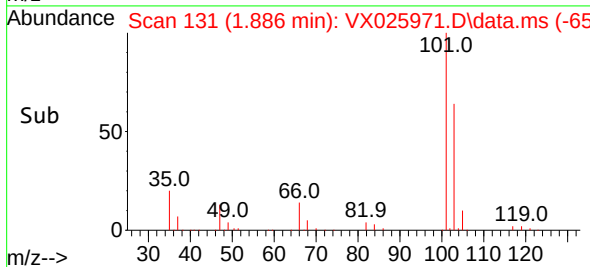
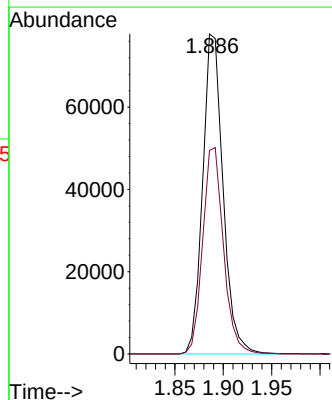
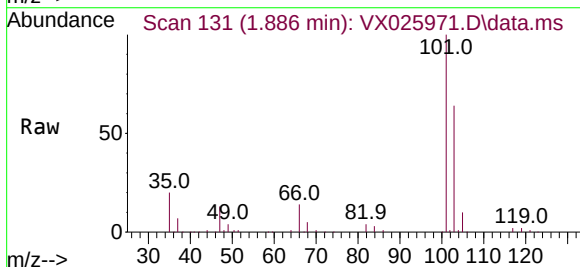
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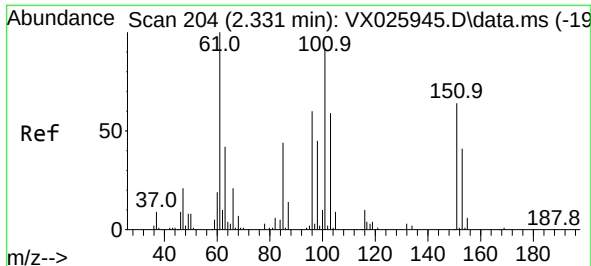
Tgt Ion: 64 Resp: 49167
Ion Ratio Lower Upper
64 100
66 32.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 40.810 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion:101 Resp: 114513
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2

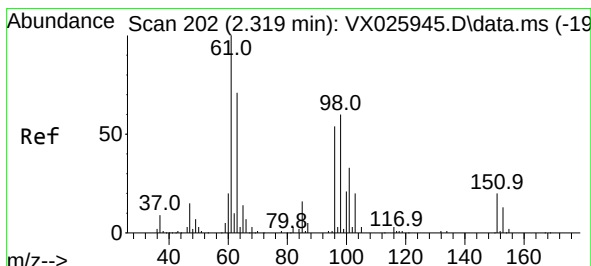
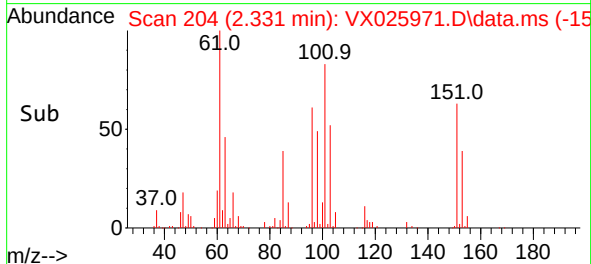
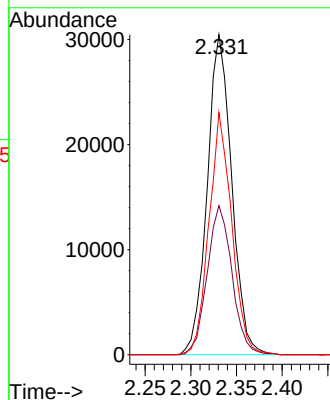
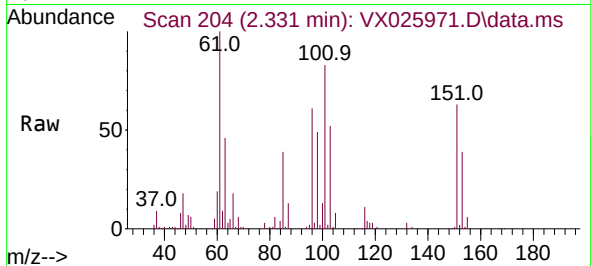




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.532 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

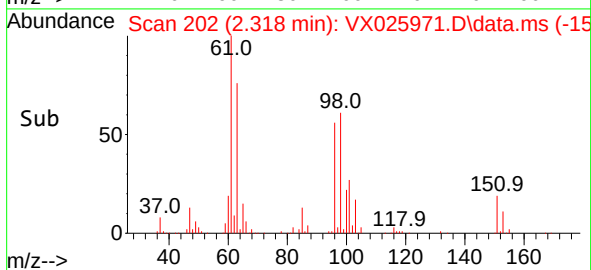
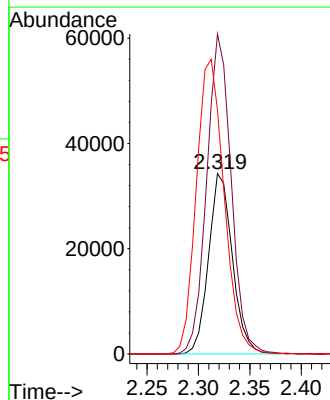
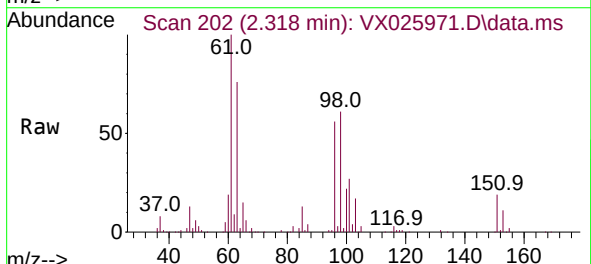
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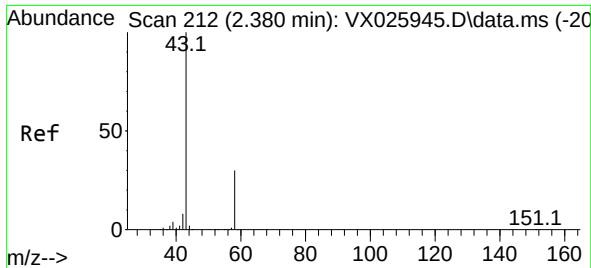
Tgt Ion:101 Resp: 56822
 Ion Ratio Lower Upper
 101 100
 85 47.1 34.3 51.5
 151 70.4 65.2 97.8



#12
 1,1-Dichloroethene
 Concen: 41.985 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

Tgt Ion: 96 Resp: 55178
 Ion Ratio Lower Upper
 96 100
 61 177.3 108.7 201.9
 63 135.1 76.3 141.7





#13

Acetone

Concen: 59.536 ug/L

RT: 2.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

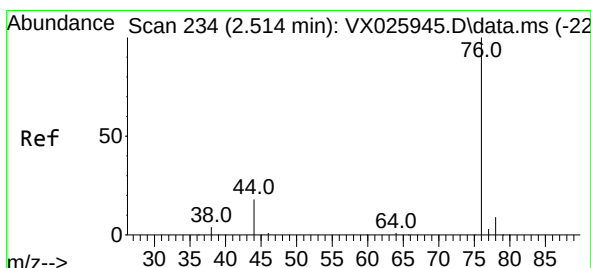
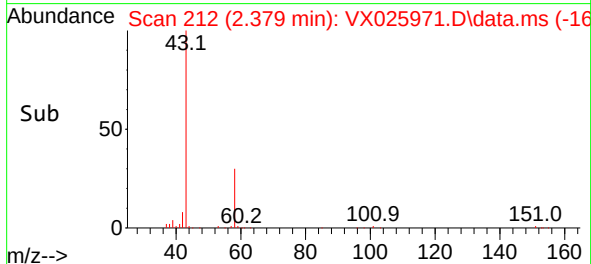
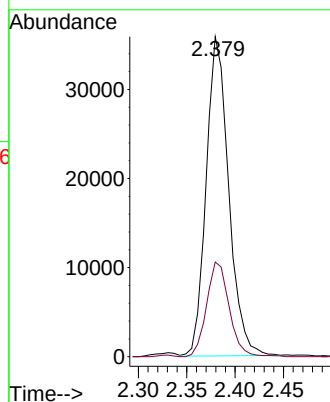
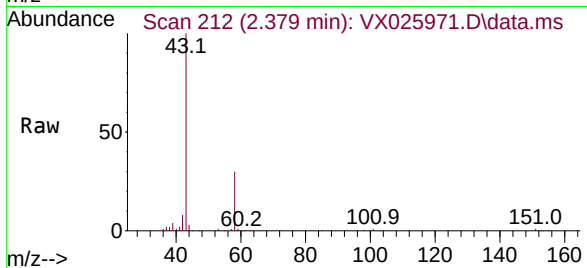
ClientSampleId :

Tgt Ion: 43 Resp: 58140

Ion Ratio Lower Upper

43 100

58 29.7 0.0 65.6



#14

Carbon disulfide

Concen: 34.620 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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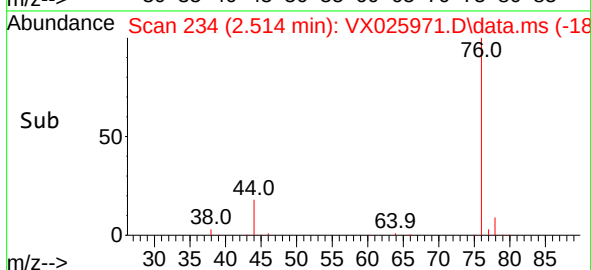
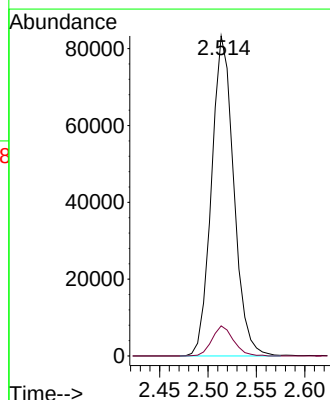
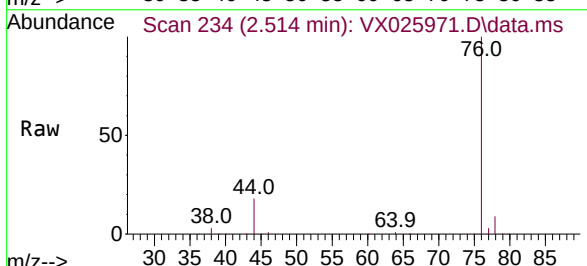
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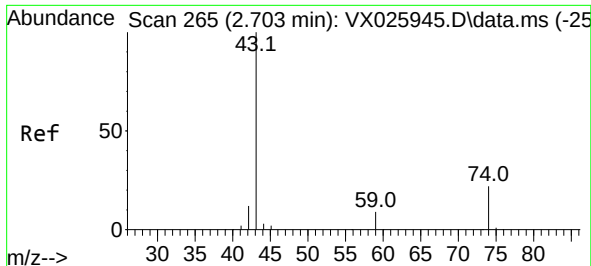
Tgt Ion: 76 Resp: 133509

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

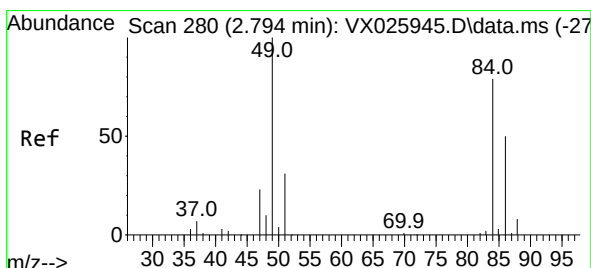
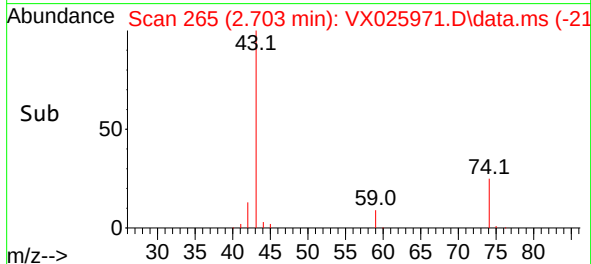
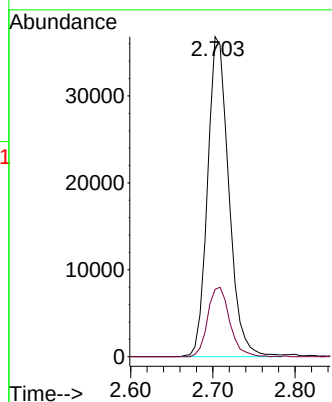
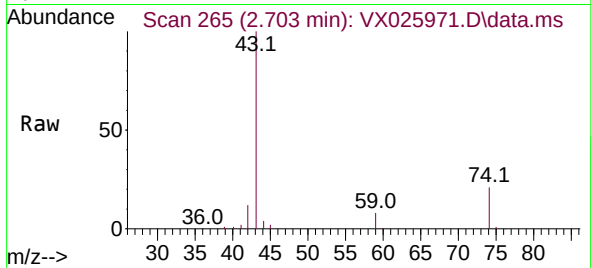




#15
Methyl Acetate
Concen: 37.328 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

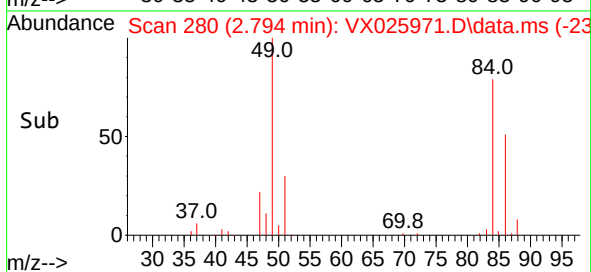
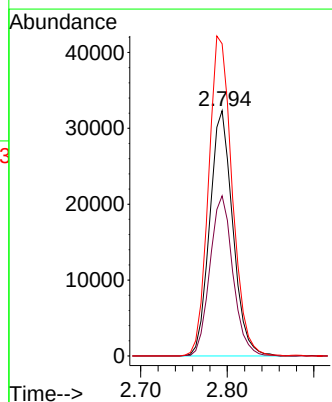
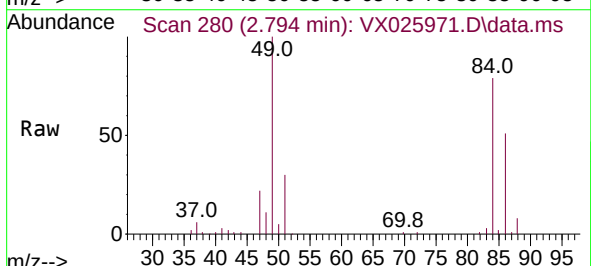
Instrument :
MSVOA_X
ClientSampleId :

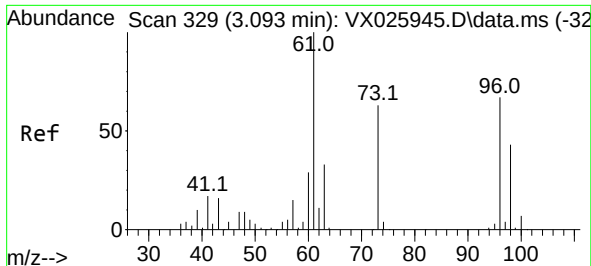
Tgt Ion: 43 Resp: 66046
Ion Ratio Lower Upper
43 100
74 22.4 0.1 0.1#



#16
Methylene chloride
Concen: 35.463 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion: 84 Resp: 59775
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.9
49 127.2 82.3 152.8

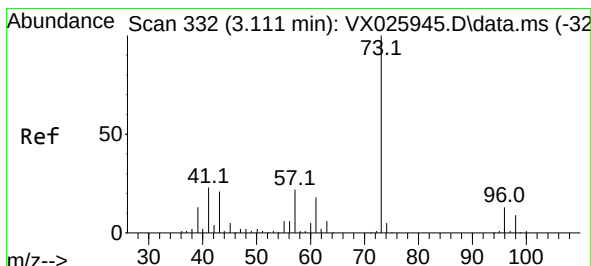
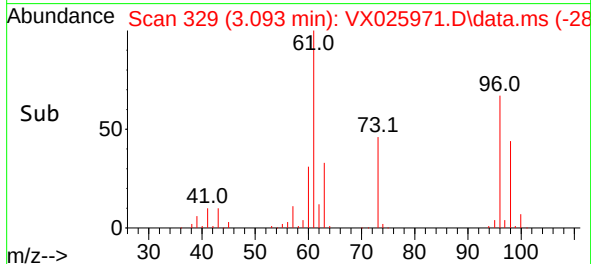
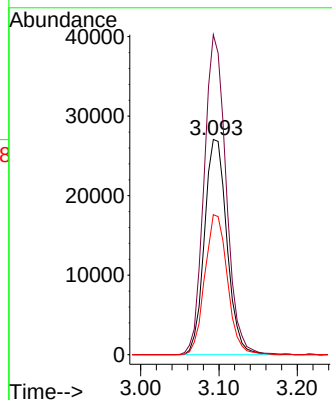
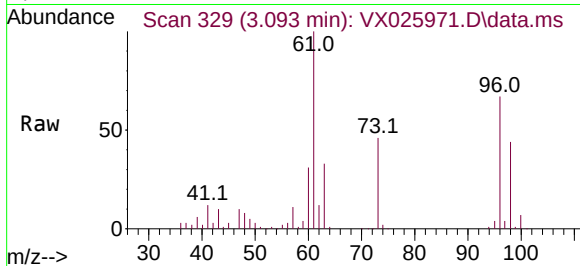




#17
trans-1,2-Dichloroethene
Concen: 34.867 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

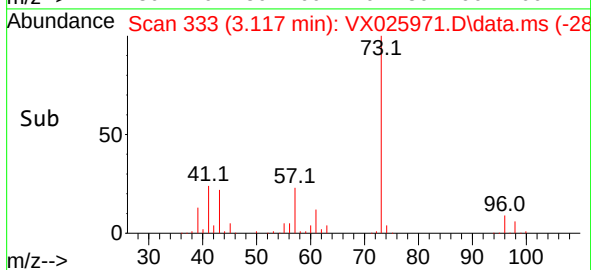
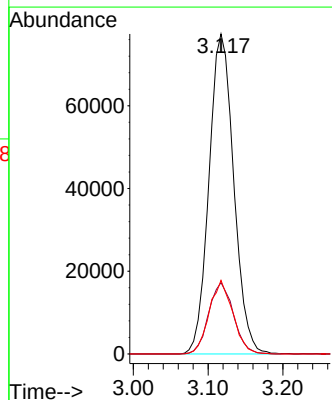
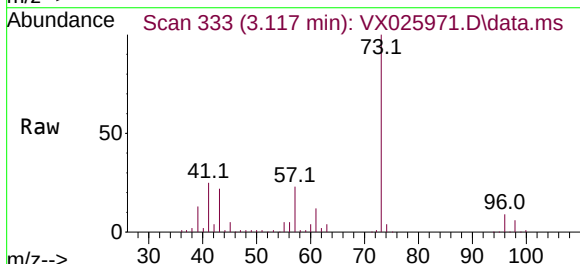
Instrument :
MSVOA_X
ClientSampleId :

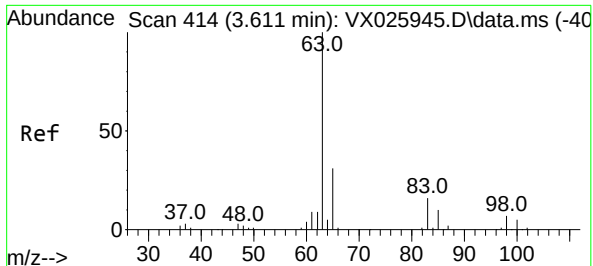
Tgt Ion: 96 Resp: 54030
Ion Ratio Lower Upper
96 100
61 148.7 88.5 164.4
98 65.1 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 35.856 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion: 73 Resp: 178091
Ion Ratio Lower Upper
73 100
43 22.4 15.7 23.5
57 22.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 37.503 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

ClientSampleId :

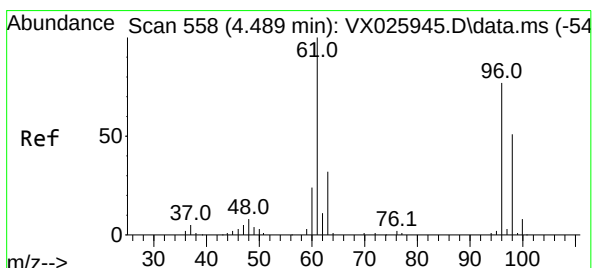
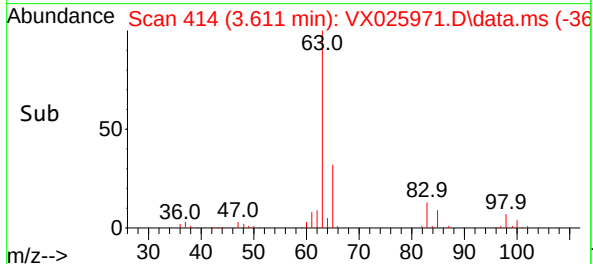
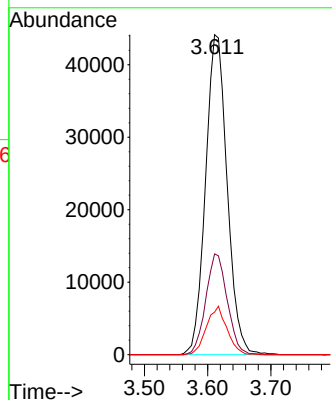
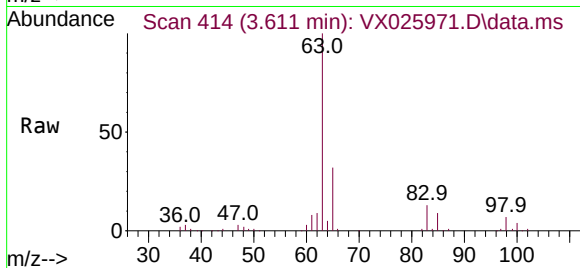
Tgt Ion: 63 Resp: 104810

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.3 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 36.931 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

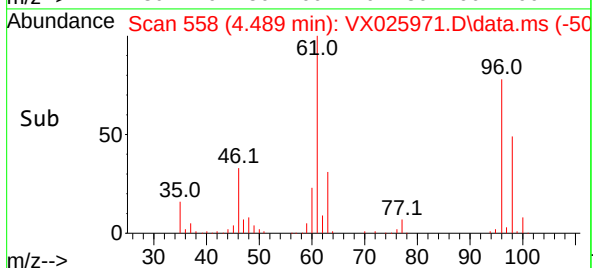
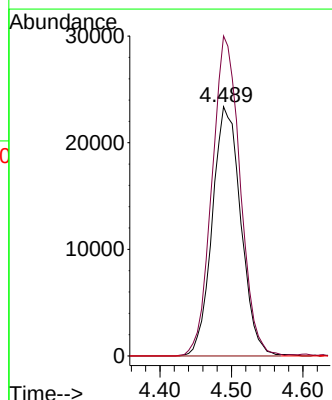
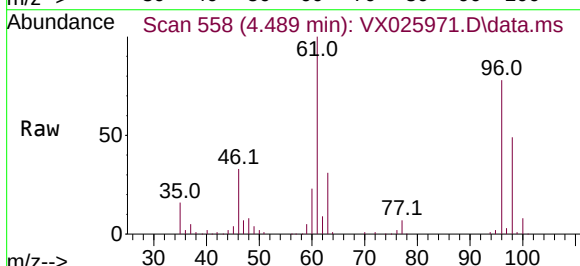
Tgt Ion: 96 Resp: 64902

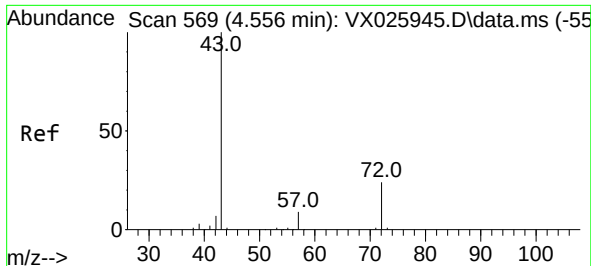
Ion Ratio Lower Upper

96 100

61 128.4 82.3 152.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 70.709 ug/L

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

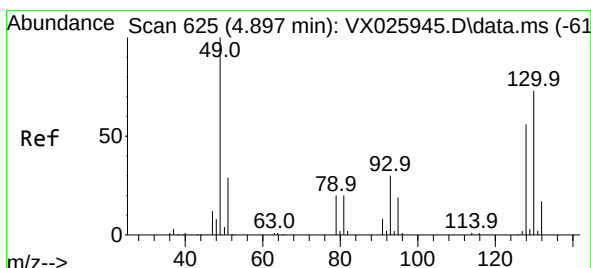
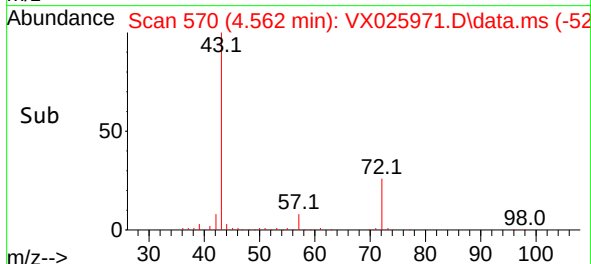
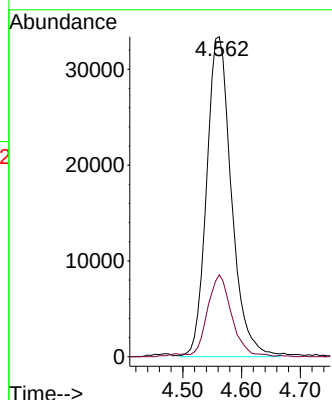
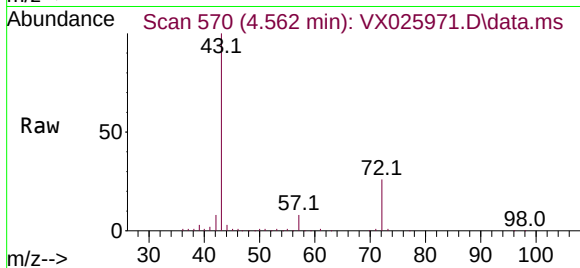
ClientSampleId :

Tgt Ion: 43 Resp: 97963

Ion Ratio Lower Upper

43 100

72 24.5 13.8 41.3



#23

Bromochloromethane

Concen: 35.654 ug/L

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Tgt Ion:128 Resp: 32812

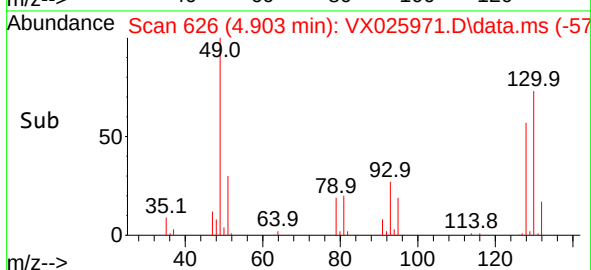
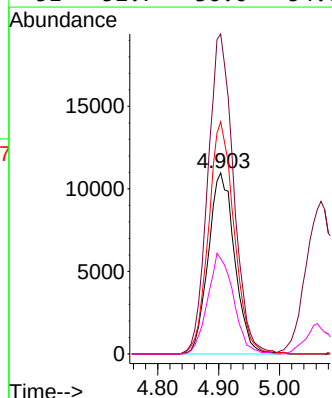
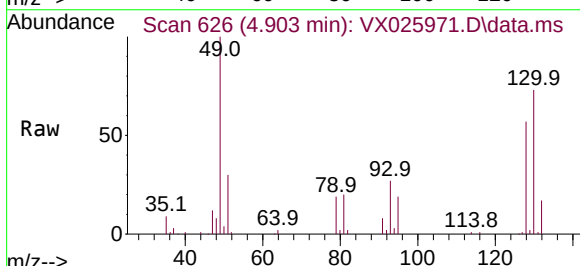
Ion Ratio Lower Upper

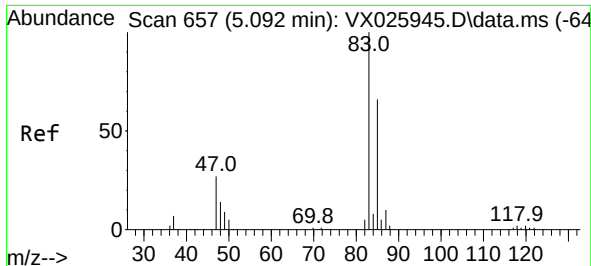
128 100

49 176.7 97.7 181.5

130 128.1 88.2 163.8

51 52.7 36.0 54.0

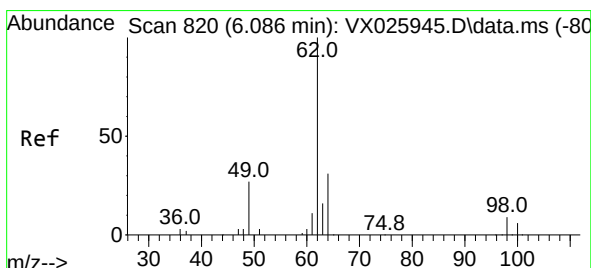
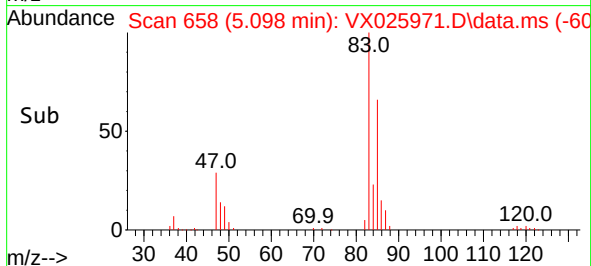
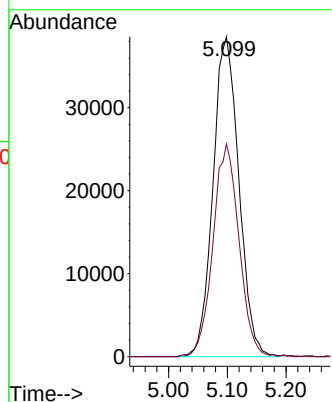
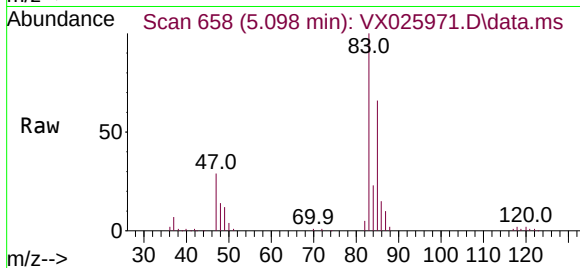




#25
Chloroform
Concen: 38.591 ug/L
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

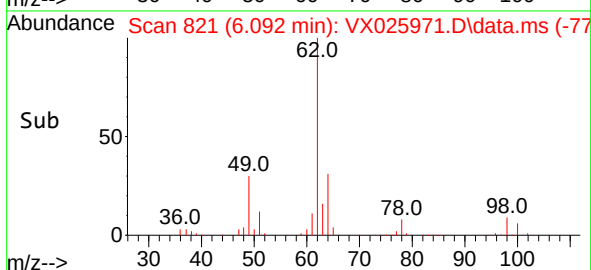
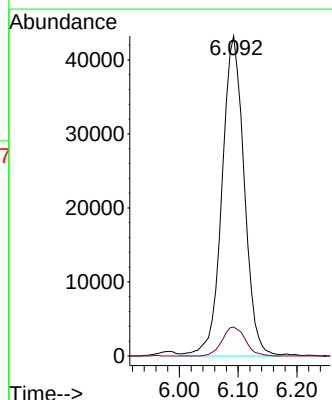
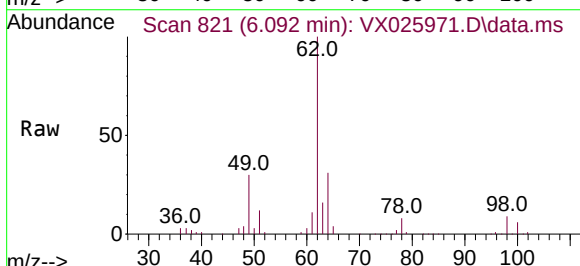
Instrument :
MSVOA_X
ClientSampleId :

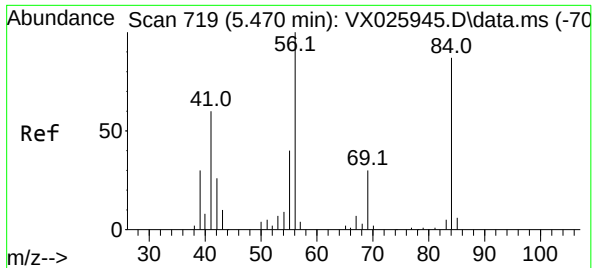
Tgt Ion: 83 Resp: 117844
Ion Ratio Lower Upper
83 100
85 66.5 44.9 83.5



#27
1,2-Dichloroethane
Concen: 46.397 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

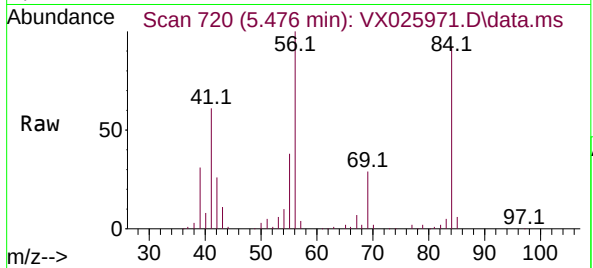
Tgt Ion: 62 Resp: 113566
Ion Ratio Lower Upper
62 100
98 9.0 8.2 12.2



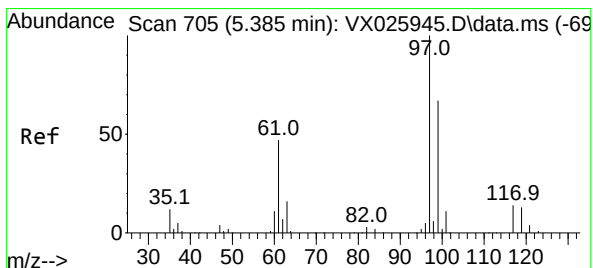
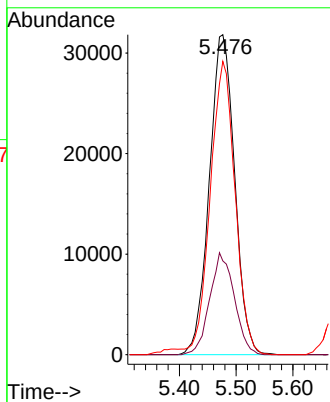
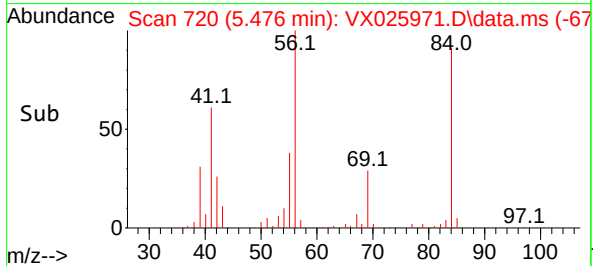


#29
Cyclohexane
Concen: 52.196 ug/L
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Instrument :
MSVOA_X
ClientSampleId :

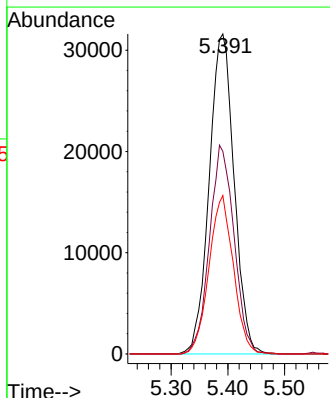
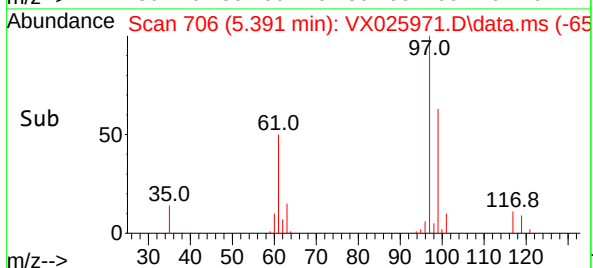
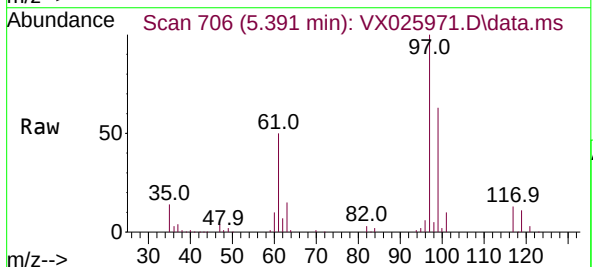


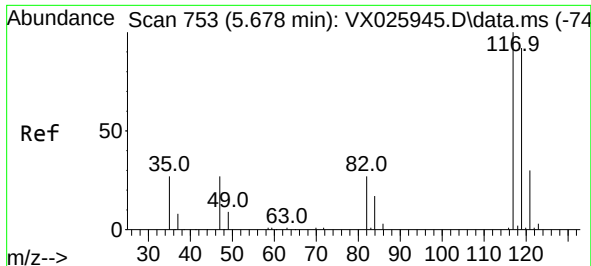
Tgt Ion: 56 Resp: 98701
Ion Ratio Lower Upper
56 100
69 30.8 25.4 38.2
84 89.7 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 48.785 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion: 97 Resp: 96507
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 48.4 33.1 49.7

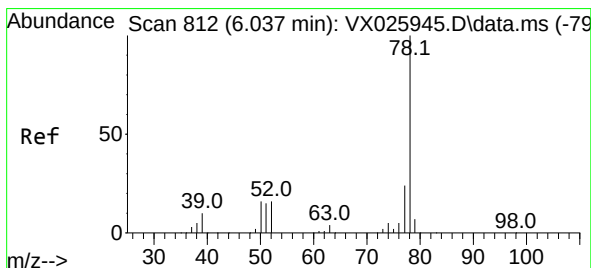
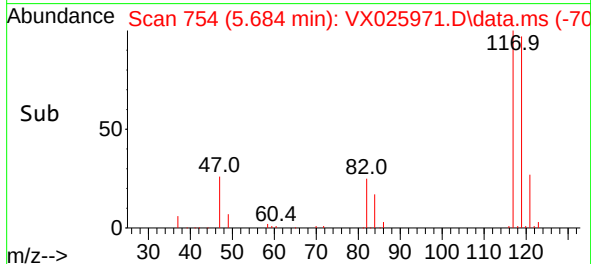
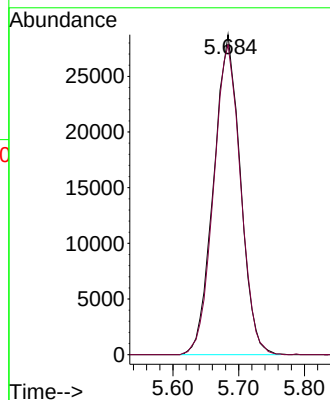
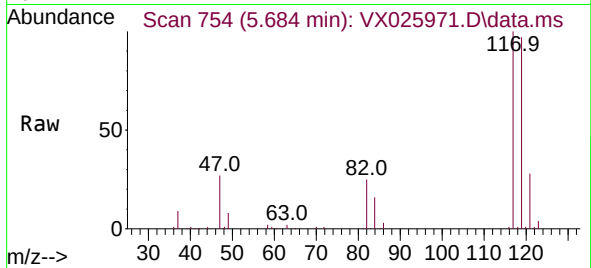




#31
Carbon tetrachloride
Concen: 48.324 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

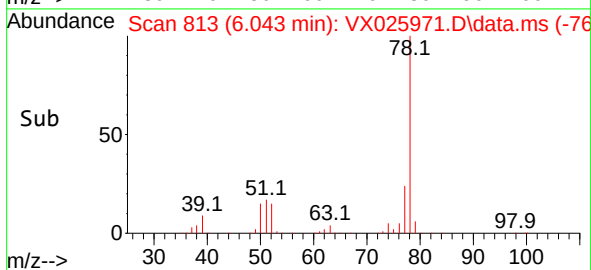
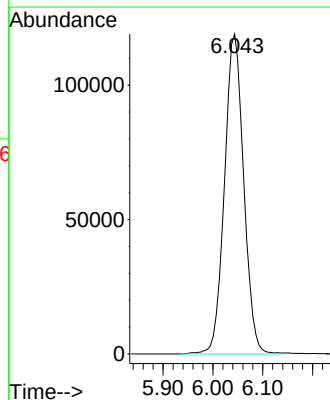
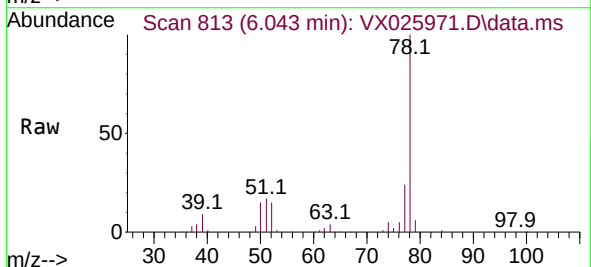
Instrument :
MSVOA_X
ClientSampleId :

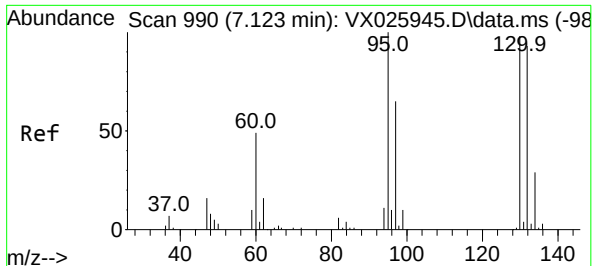
Tgt Ion:117 Resp: 81441
Ion Ratio Lower Upper
117 100
119 97.7 76.8 115.2



#33
Benzene
Concen: 62.792 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

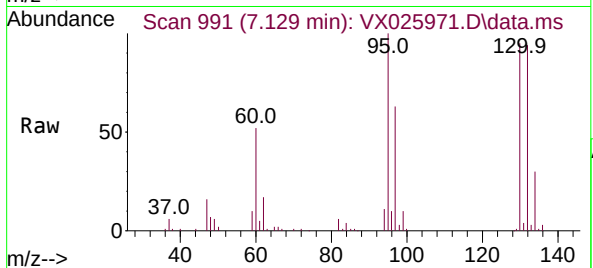
Tgt Ion: 78 Resp: 318330





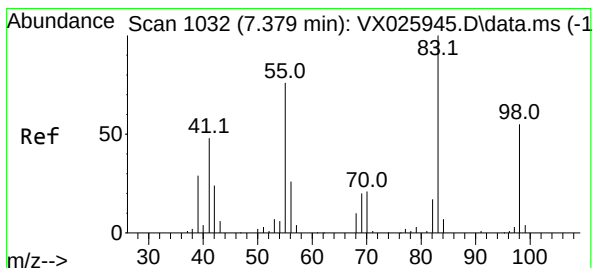
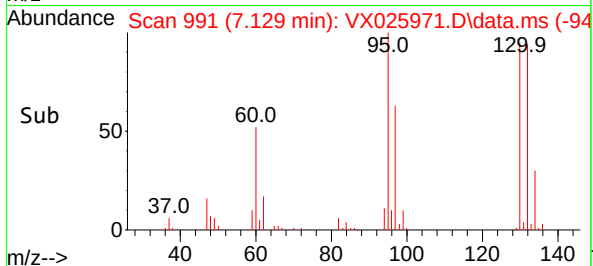
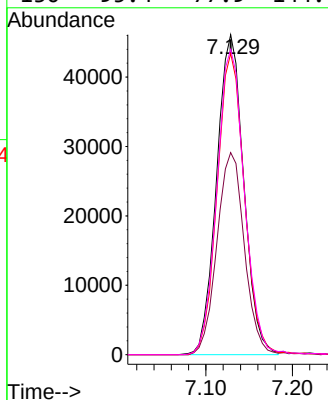
#34
Trichloroethene
Concen: 76.054 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 100310

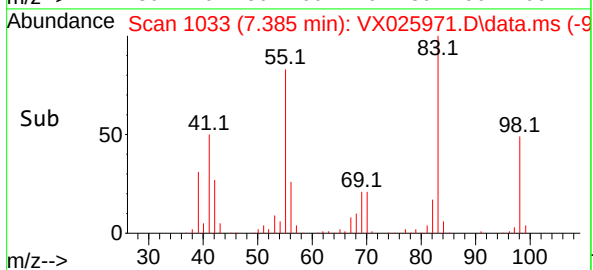
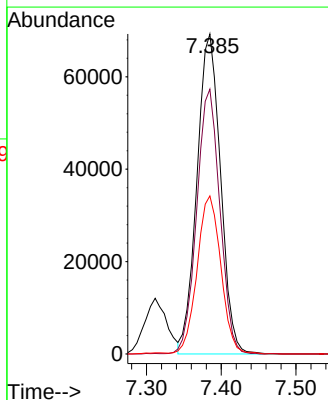
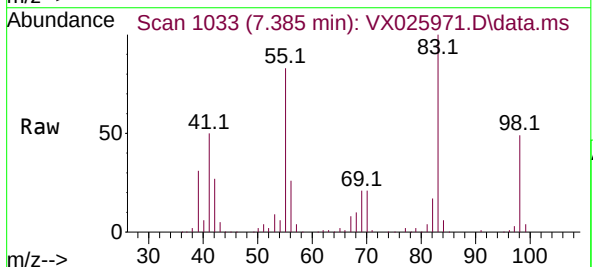
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.0	85.4
132	94.2	75.0	139.2
130	95.4	77.9	144.7

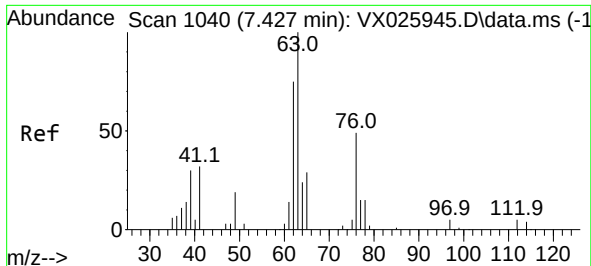


#35
Methylcyclohexane
Concen: 79.715 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion: 83 Resp: 151993

Ion	Ratio	Lower	Upper
83	100		
55	81.3	57.3	85.9
98	49.8	41.1	61.7





#37

1,2-Dichloropropane

Concen: 77.960 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

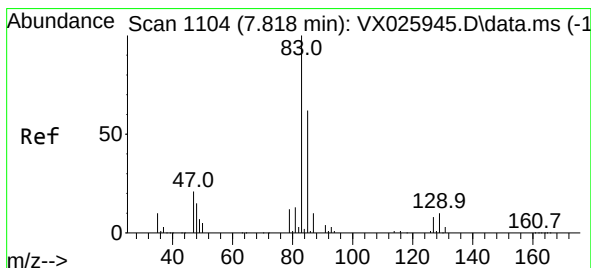
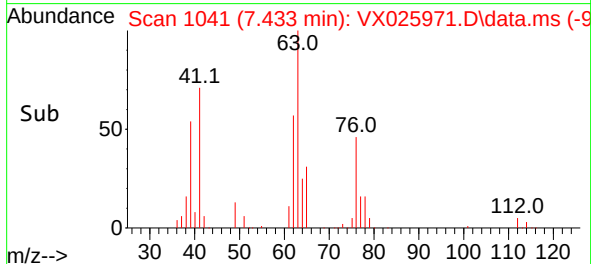
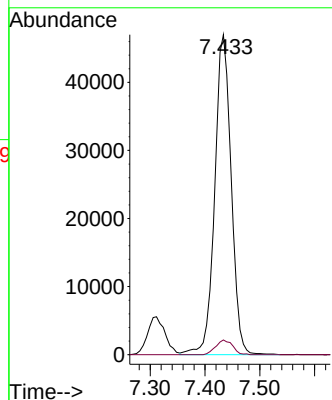
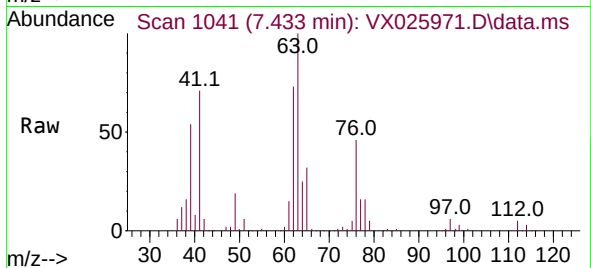
ClientSampleId :

Tgt Ion: 63 Resp: 97993

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 75.991 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

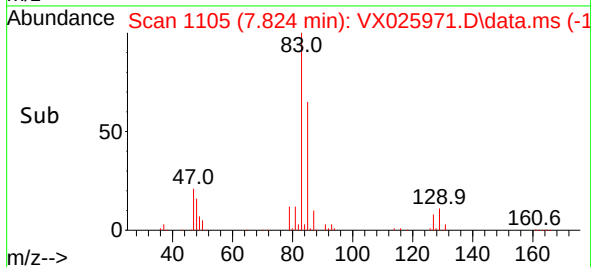
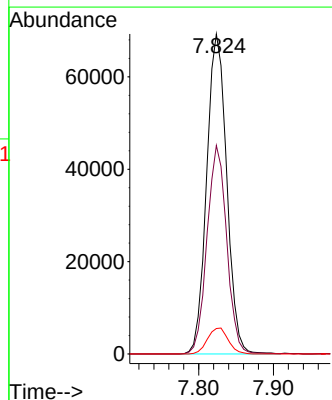
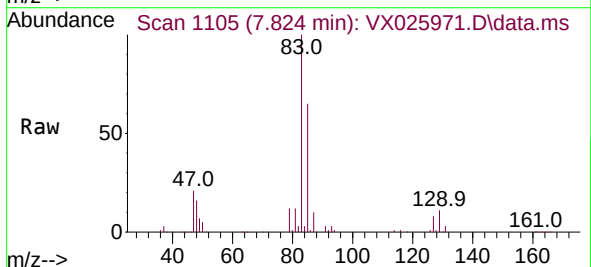
Tgt Ion: 83 Resp: 129321

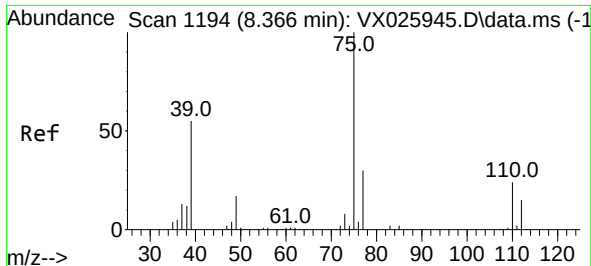
Ion Ratio Lower Upper

83 100

85 65.2 45.3 84.1

127 7.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 72.058 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

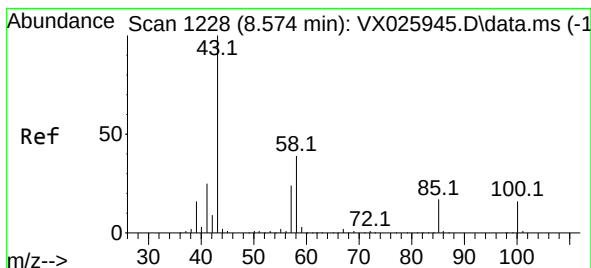
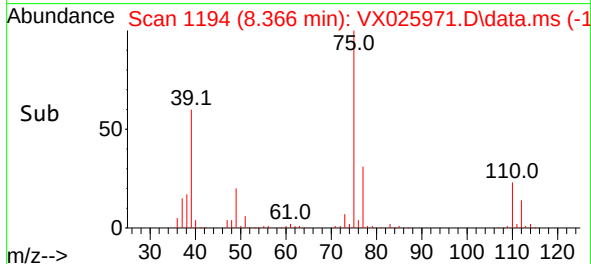
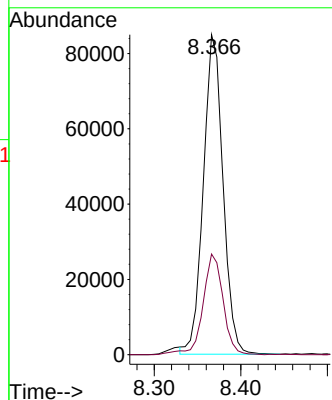
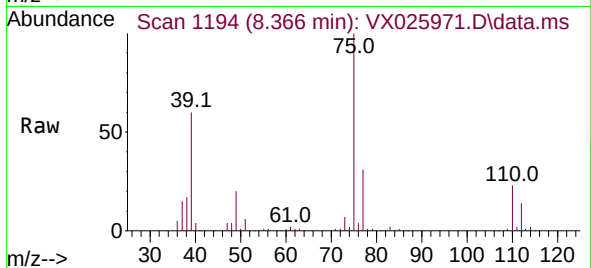
ClientSampleId :

Tgt Ion: 75 Resp: 134001

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 144.099 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

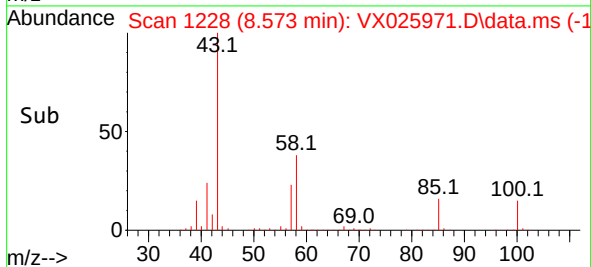
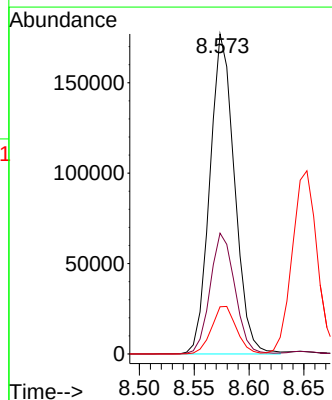
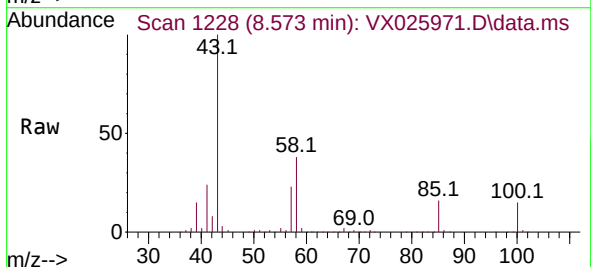
Tgt Ion: 43 Resp: 277528

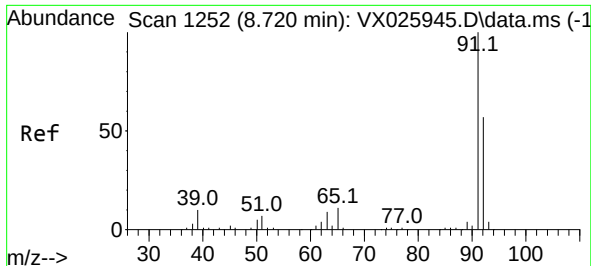
Ion Ratio Lower Upper

43 100

58 37.8 32.2 48.2

100 15.0 14.2 21.2





#42

Toluene

Concen: 62.781 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

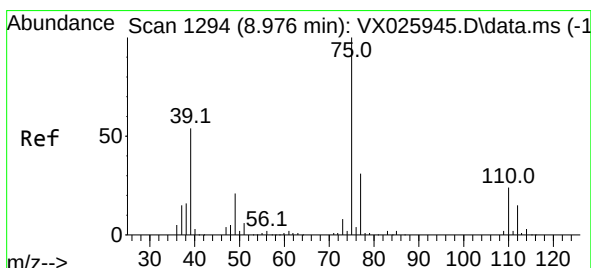
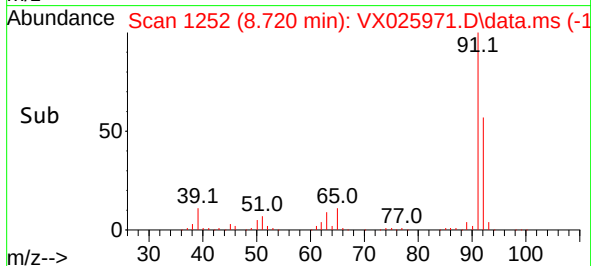
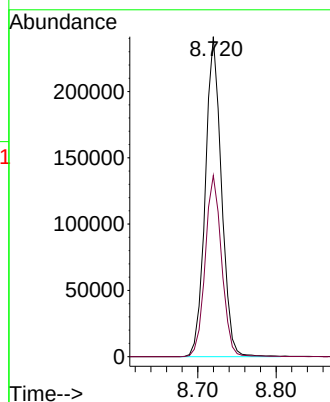
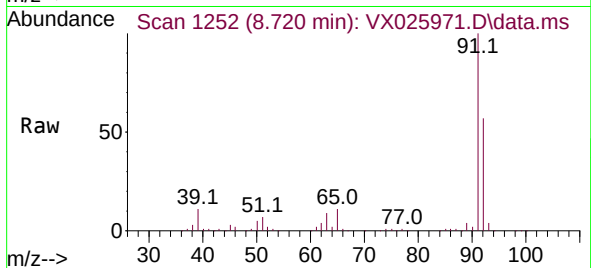
ClientSampleId :

Tgt Ion: 91 Resp: 345198

Ion Ratio Lower Upper

91 100

92 56.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.419 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX025971.D

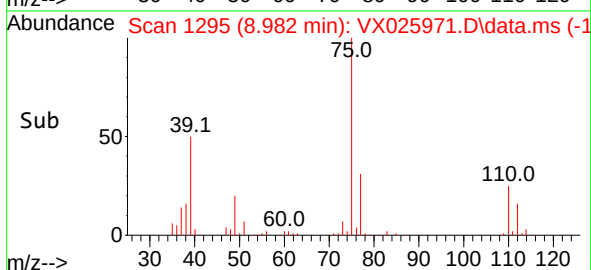
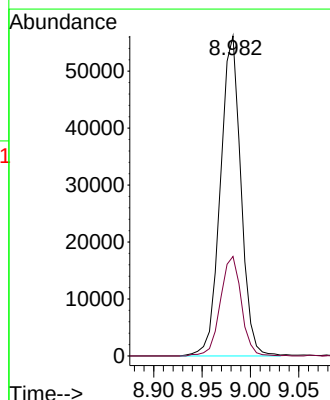
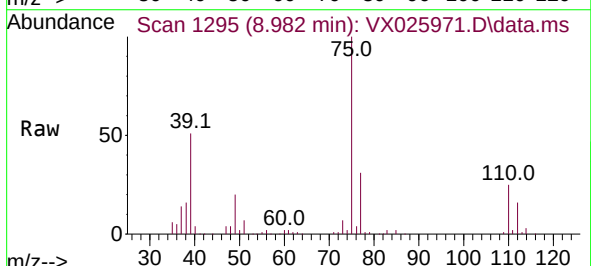
Acq: 21 Dec 2021 20:48

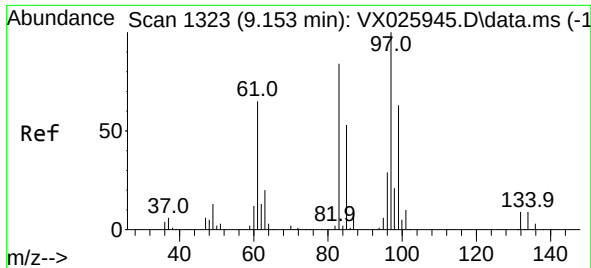
Tgt Ion: 75 Resp: 82810

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8

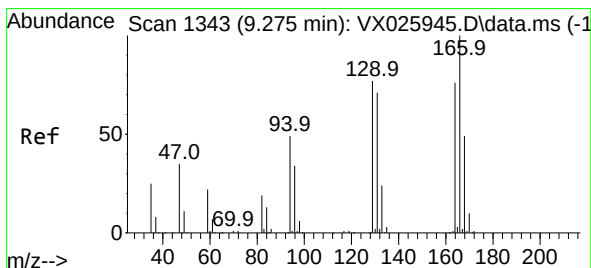
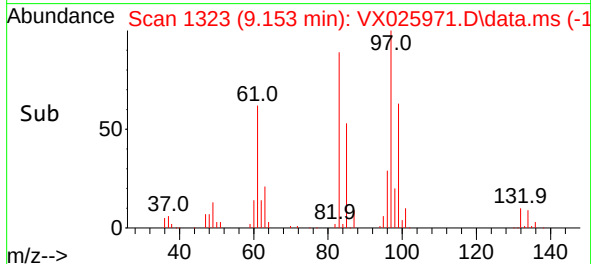
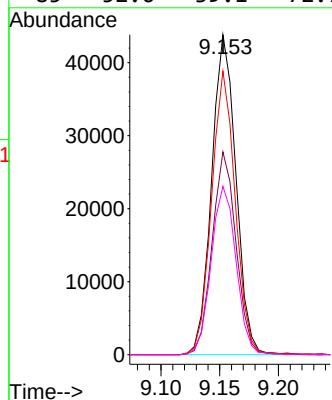
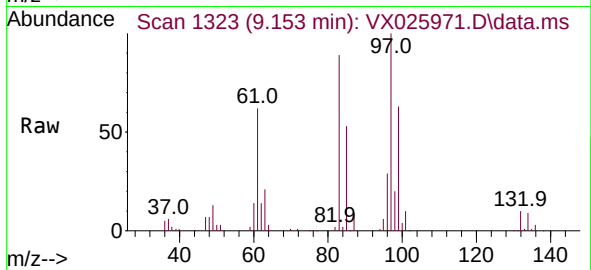




#45
1,1,2-Trichloroethane
Concen: 48.145 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

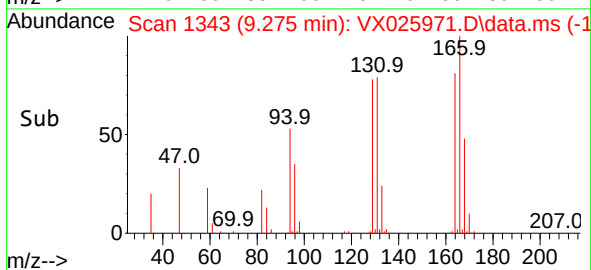
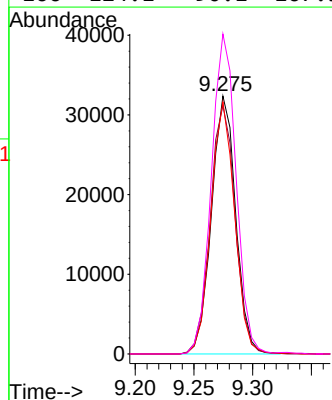
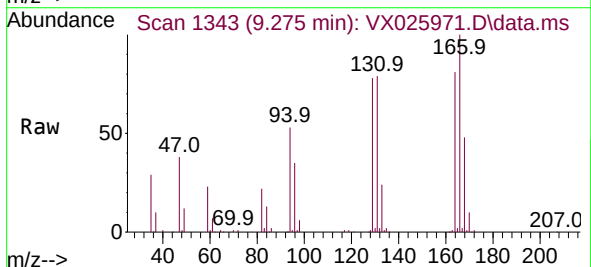
Instrument :
MSVOA_X
ClientSampleId :

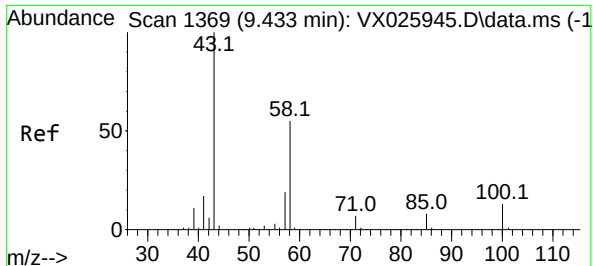
Tgt Ion:	97	Resp:	63033
Ion	Ratio	Lower	Upper
97	100		
99	63.4	46.0	85.4
83	88.6	59.6	110.8
85	52.6	39.1	72.7



#46
Tetrachloroethene
Concen: 45.855 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion:	164	Resp:	46378
Ion	Ratio	Lower	Upper
164	100		
129	96.3	64.7	120.1
131	97.7	63.2	117.4
166	124.1	90.1	167.3





#48

2-Hexanone

Concen: 97.546 ug/L

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

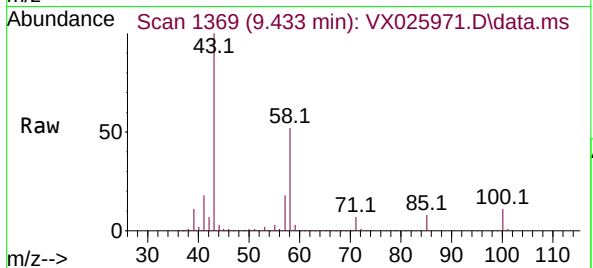
Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 153060

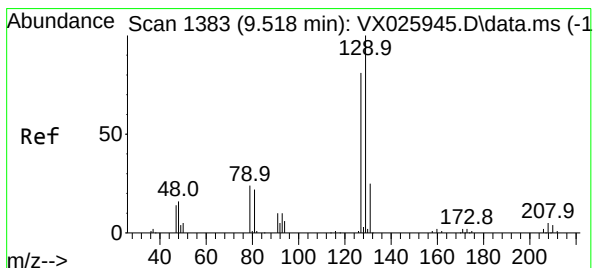
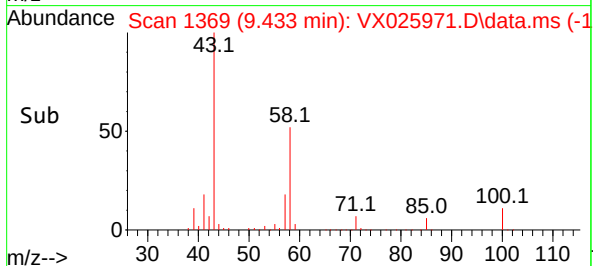
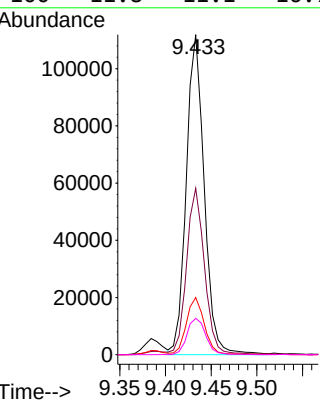
Ion Ratio Lower Upper

43 100

58 52.0 44.2 66.4

57 17.4 15.1 22.7

100 11.8 11.1 16.7



#49

Dibromochloromethane

Concen: 48.218 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX025971.D

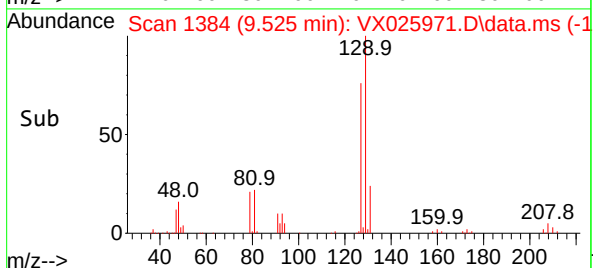
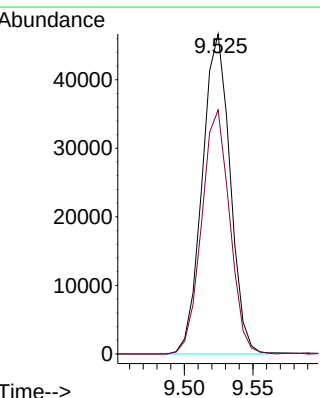
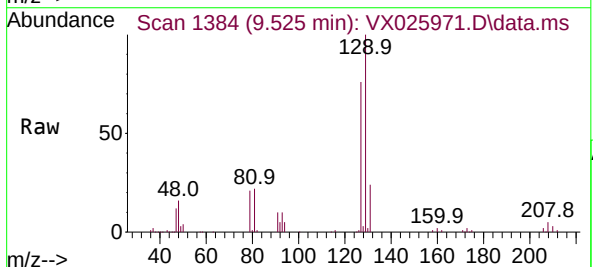
Acq: 21 Dec 2021 20:48

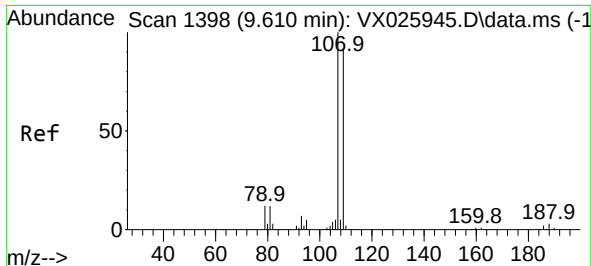
Tgt Ion:129 Resp: 66003

Ion Ratio Lower Upper

129 100

127 76.2 52.4 97.2





#50

1,2-Dibromoethane

Concen: 49.106 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025971.D

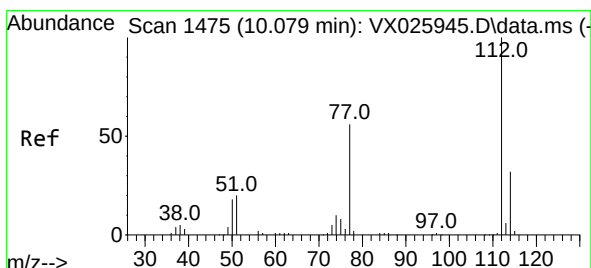
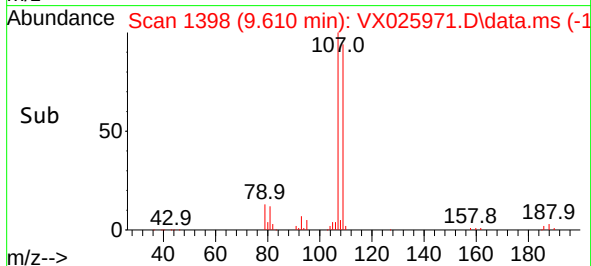
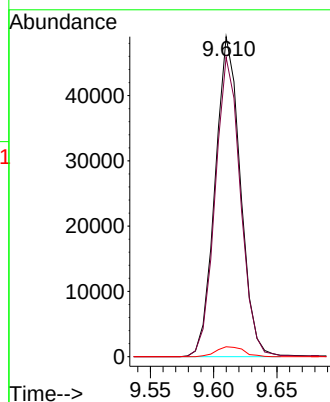
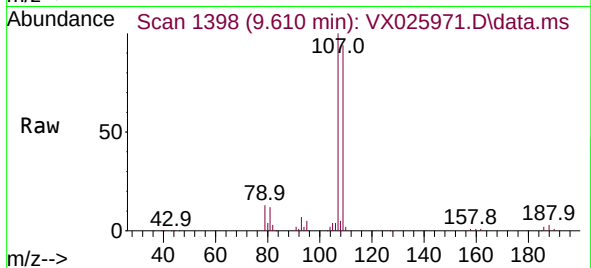
Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	68010
Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.3	121.3
188	3.1	2.9	4.3



#51

Chlorobenzene

Concen: 48.741 ug/L

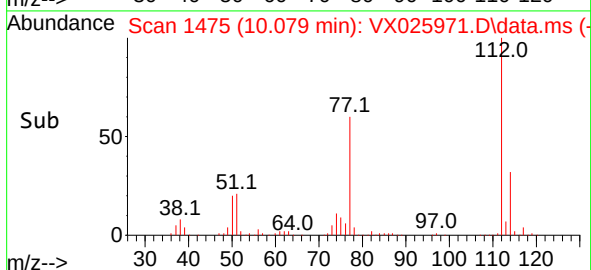
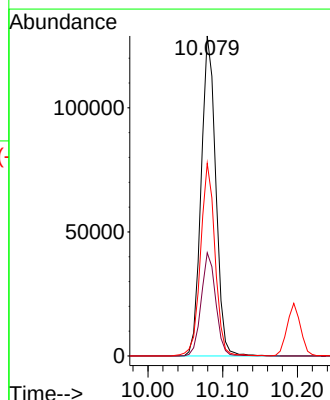
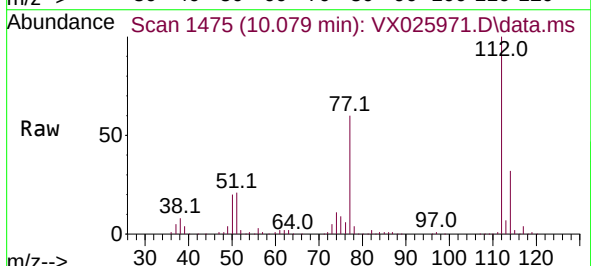
RT: 10.079 min Scan# 1475

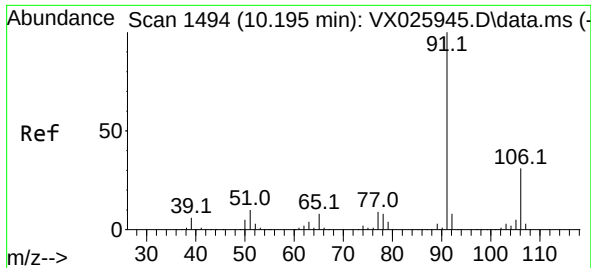
Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Tgt Ion:	112	Resp:	174954
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	60.2	44.5	66.7

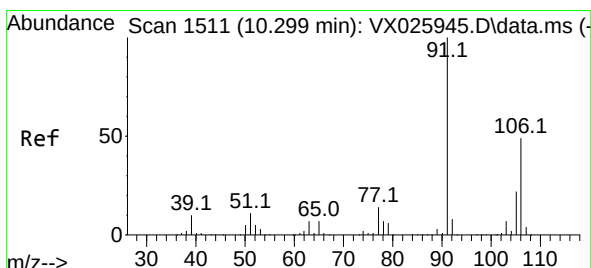
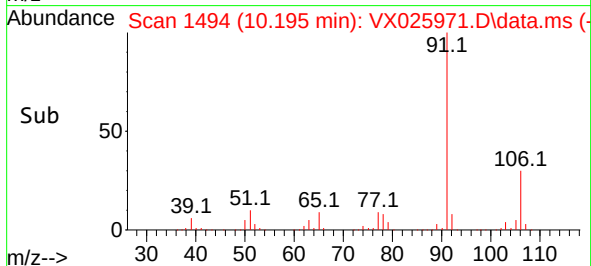
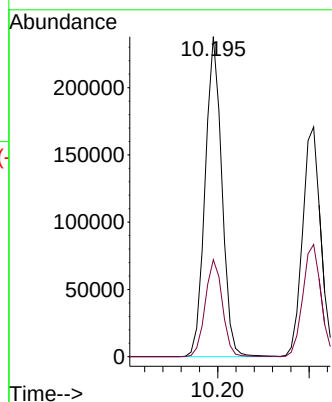
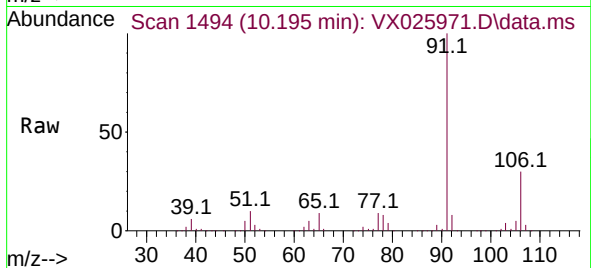




#52
Ethylbenzene
Concen: 51.087 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

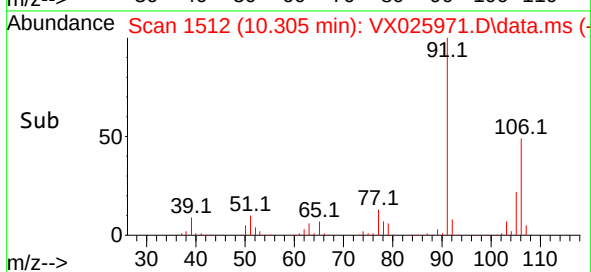
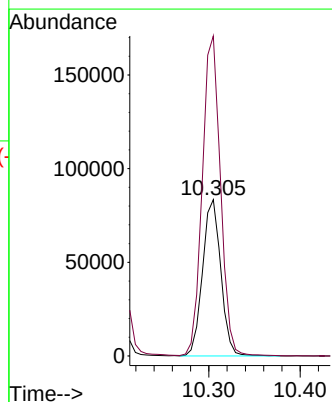
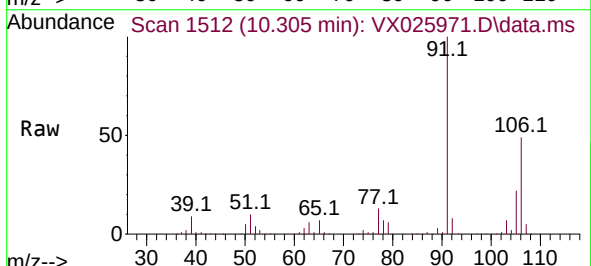
Instrument :
MSVOA_X
ClientSampleId :

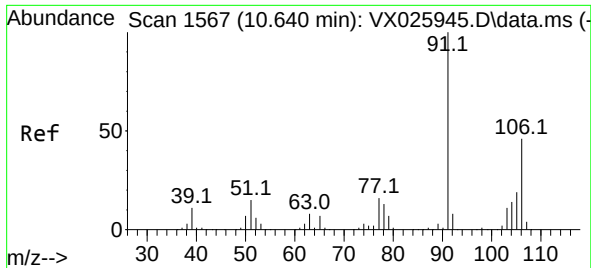
Tgt Ion: 91 Resp: 301299
Ion Ratio Lower Upper
91 100
106 30.3 23.1 42.9



#53
m,p-Xylene
Concen: 49.205 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion:106 Resp: 115533
Ion Ratio Lower Upper
106 100
91 204.8 136.8 254.2

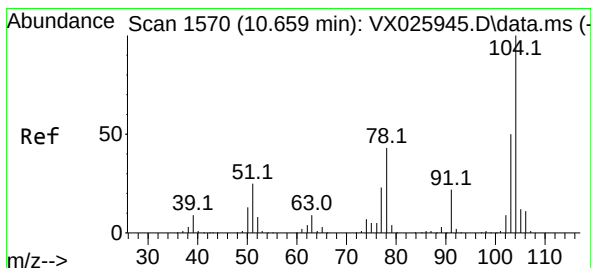
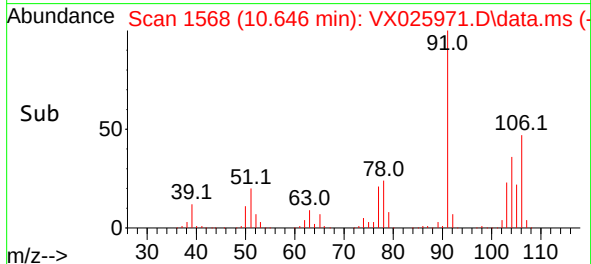
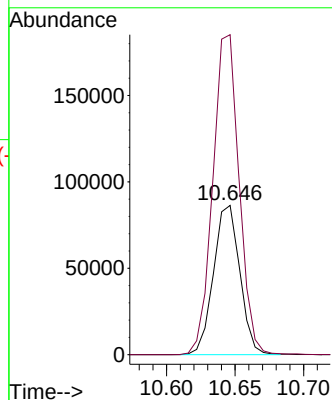
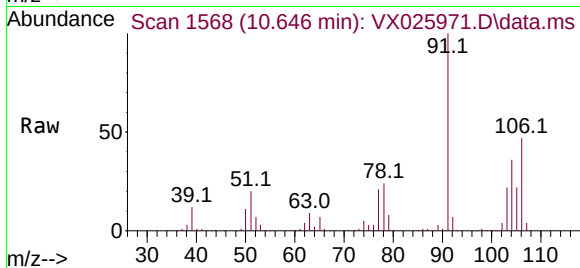




#54
o-Xylene
Concen: 50.480 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

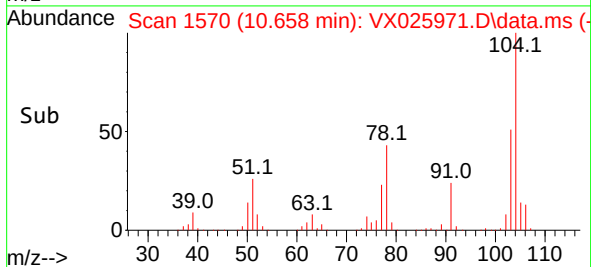
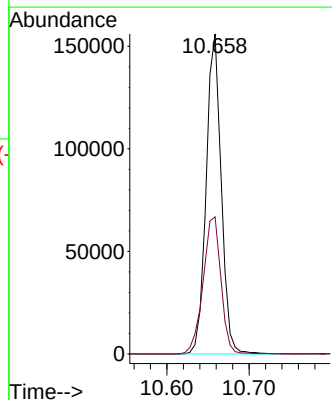
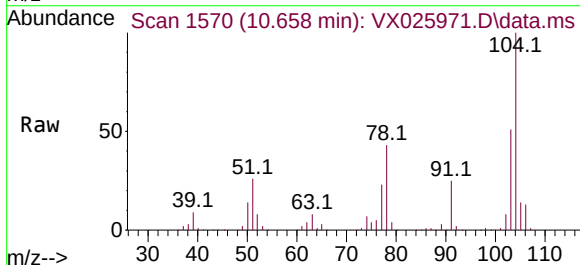
Instrument :
MSVOA_X
ClientSampleId :

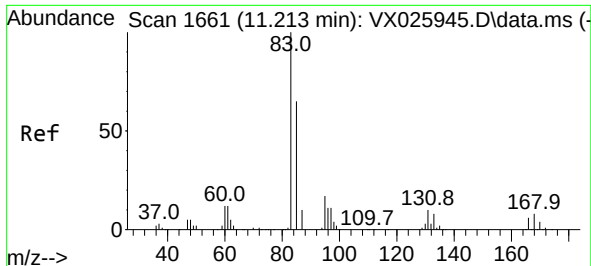
Tgt Ion:106 Resp: 115305
Ion Ratio Lower Upper
106 100
91 214.3 140.5 260.9



#55
Styrene
Concen: 51.531 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion:104 Resp: 198458
Ion Ratio Lower Upper
104 100
78 42.8 28.6 53.0

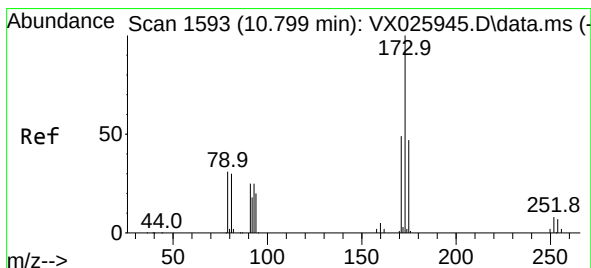
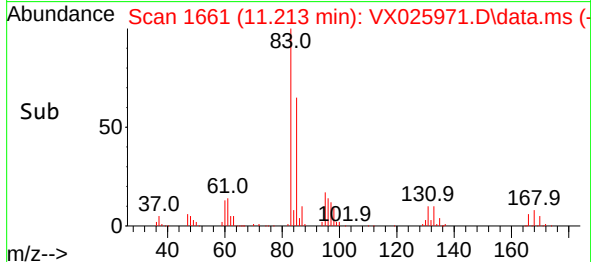
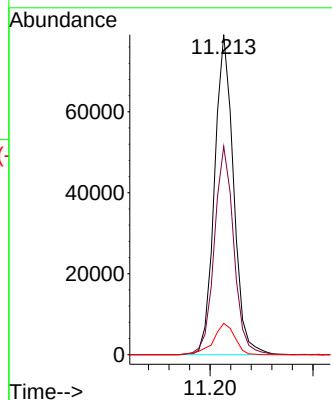
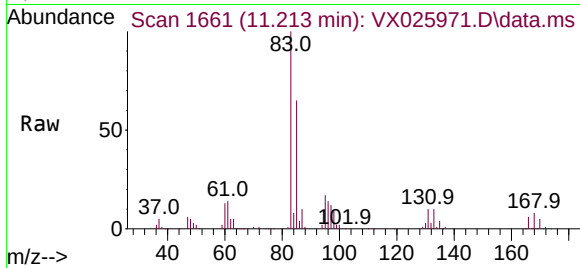




#57
1,1,2,2-Tetrachloroethane
Concen: 49.532 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

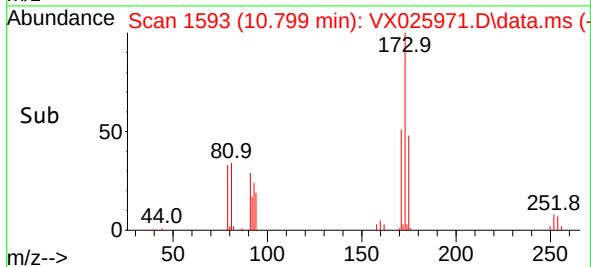
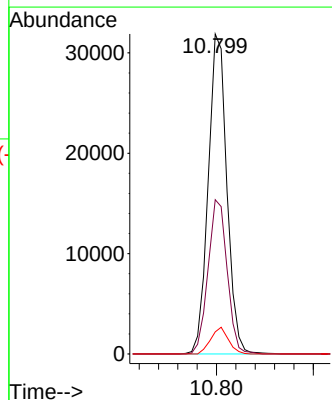
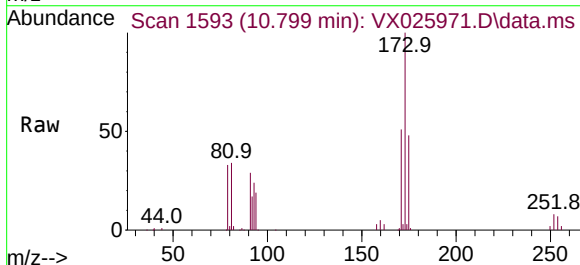
Instrument :
MSVOA_X
ClientSampleId :

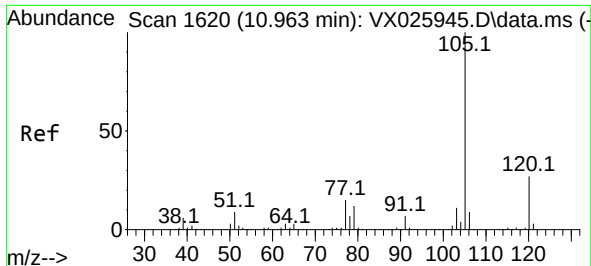
Tgt Ion: 83 Resp: 101273
Ion Ratio Lower Upper
83 100
85 65.1 47.0 87.2
131 9.8 8.5 12.7



#59
Bromoform
Concen: 46.622 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

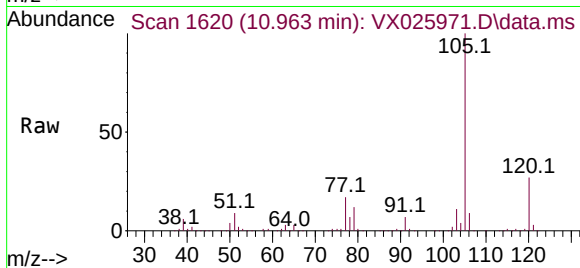
Tgt Ion: 173 Resp: 42781
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
254 7.9 7.7 11.5



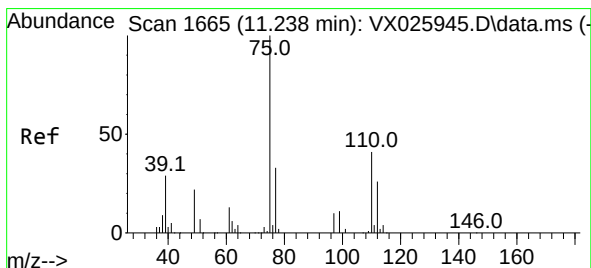
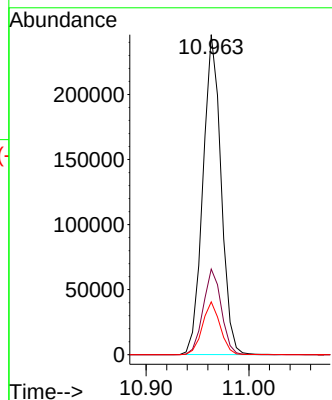
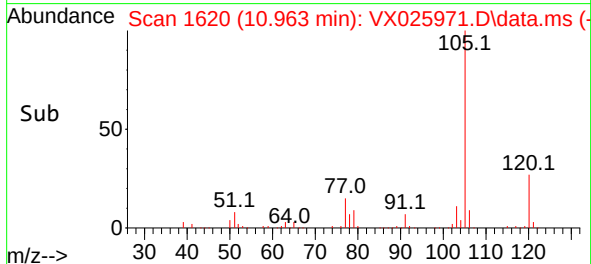


#60
Isopropylbenzene
Concen: 51.806 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

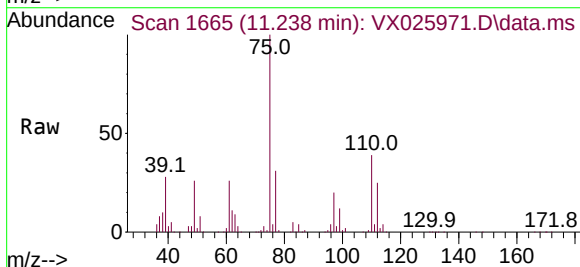
Instrument :
MSVOA_X
ClientSampleId :



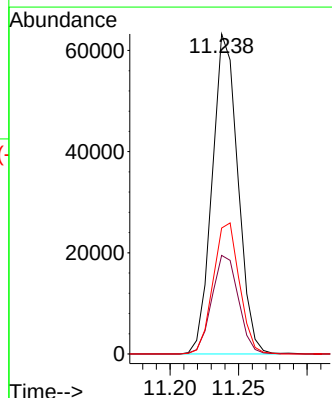
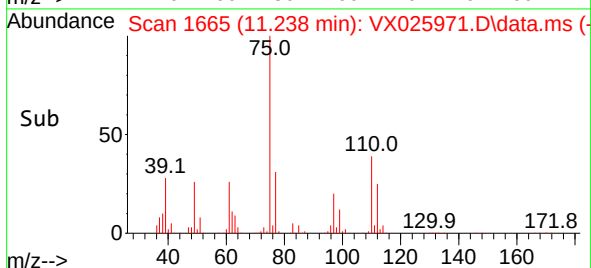
Tgt Ion:105 Resp: 301101
Ion Ratio Lower Upper
105 100
120 26.8 22.3 33.5
77 16.2 11.5 17.3

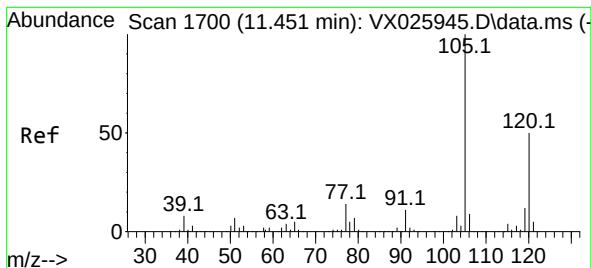


#61
1,2,3-Trichloropropane
Concen: 49.918 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48



Tgt Ion: 75 Resp: 82592
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 41.8 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 51.855 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

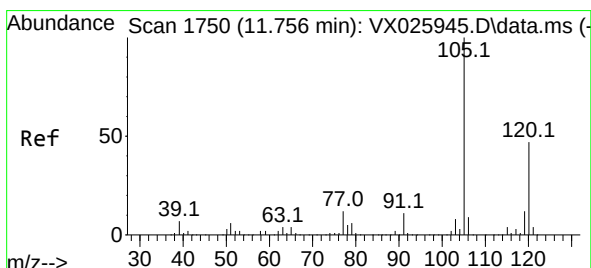
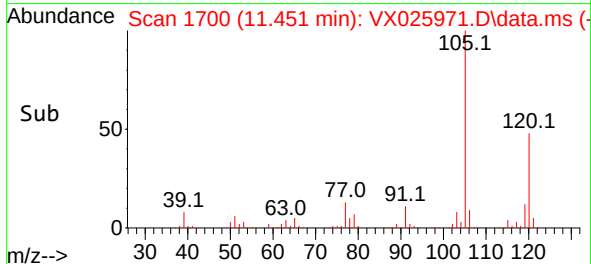
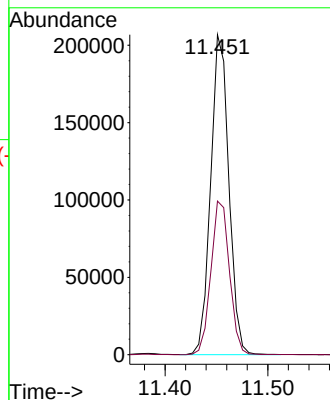
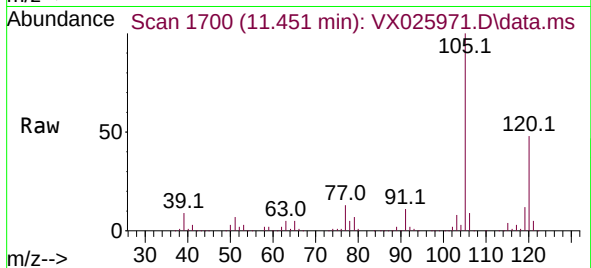
ClientSampleId :

Tgt Ion:105 Resp: 254539

Ion Ratio Lower Upper

105 100

120 49.0 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 51.712 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025971.D

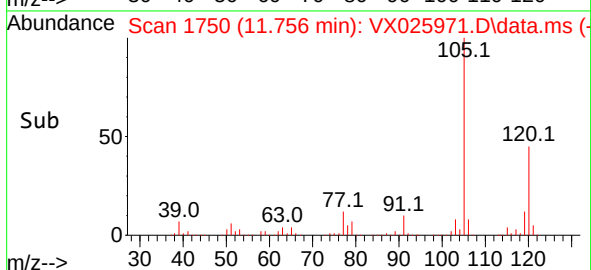
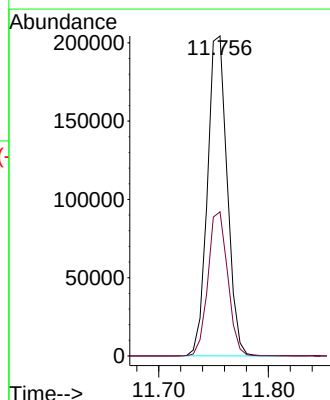
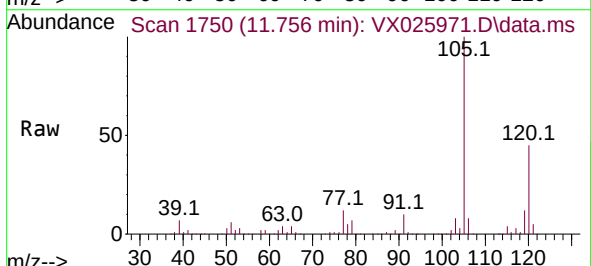
Acq: 21 Dec 2021 20:48

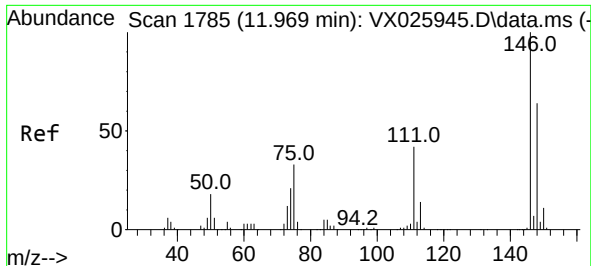
Tgt Ion:105 Resp: 255017

Ion Ratio Lower Upper

105 100

120 45.3 0.1 0.1#

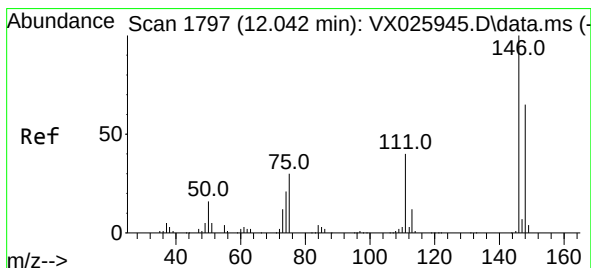
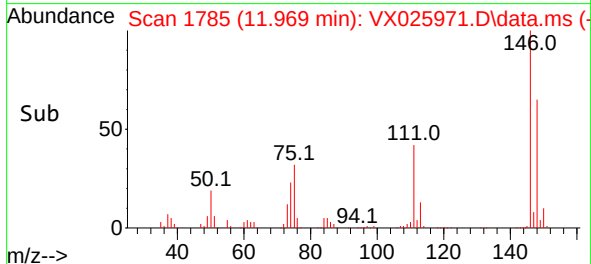
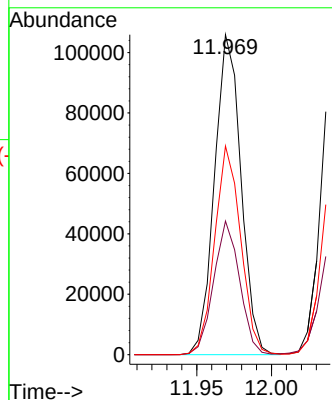
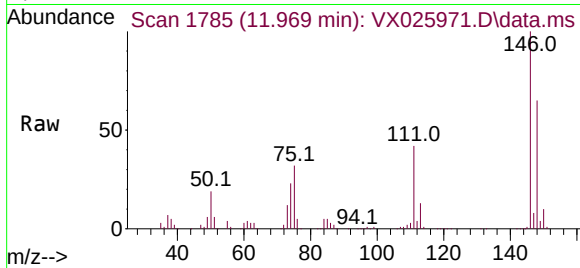




#64
 1,3-Dichlorobenzene
 Concen: 48.528 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

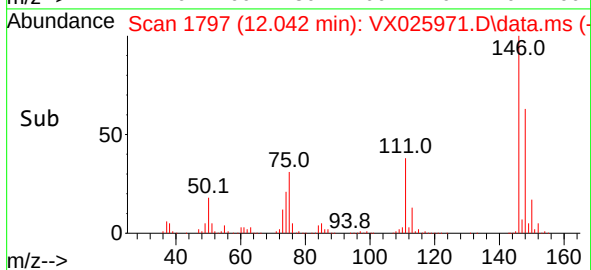
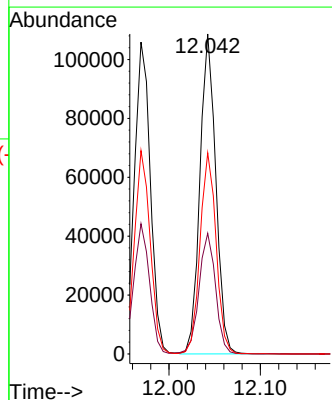
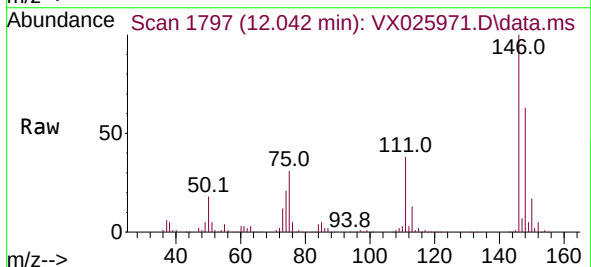
Instrument :
 MSVOA_X
 ClientSampleId :

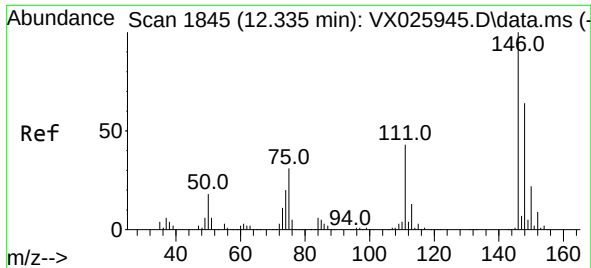
Tgt Ion:146 Resp: 130536
 Ion Ratio Lower Upper
 146 100
 111 41.8 27.6 51.2
 148 65.2 45.2 84.0



#65
 1,4-Dichlorobenzene
 Concen: 48.619 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

Tgt Ion:146 Resp: 130938
 Ion Ratio Lower Upper
 146 100
 111 37.7 26.5 49.3
 148 62.8 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 49.573 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

Instrument :

MSVOA_X

ClientSampleId :

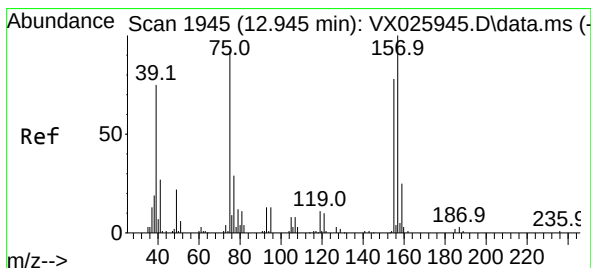
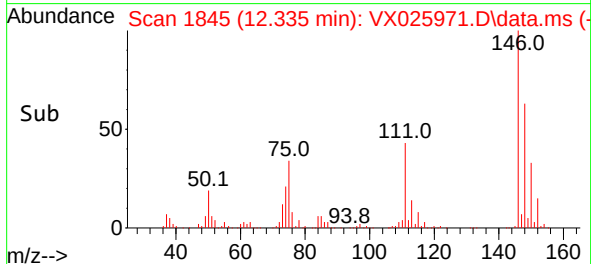
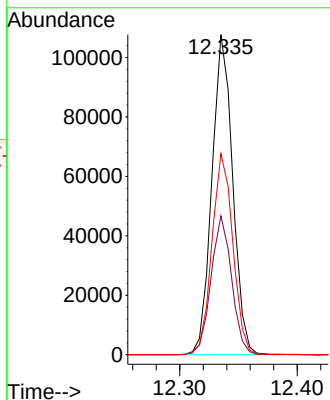
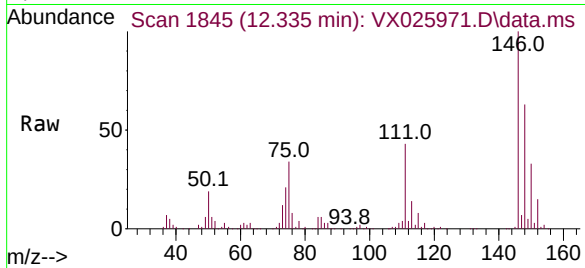
Tgt Ion:146 Resp: 132261

Ion Ratio Lower Upper

146 100

111 43.4 32.3 48.5

148 62.8 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 48.755 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025971.D

Acq: 21 Dec 2021 20:48

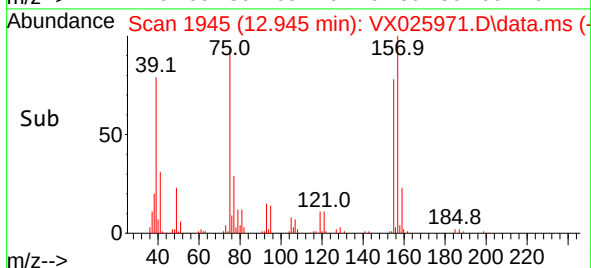
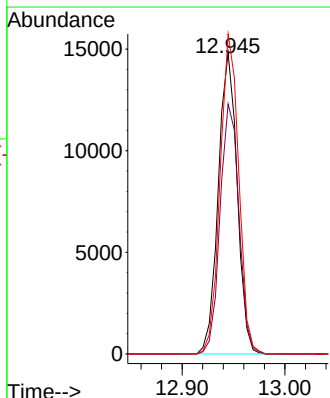
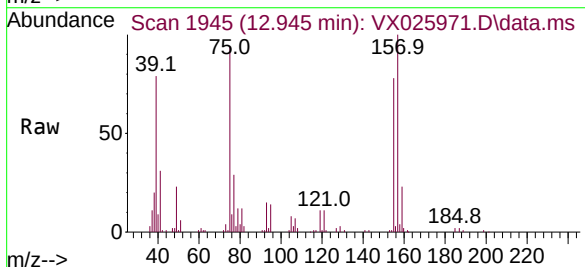
Tgt Ion: 75 Resp: 18844

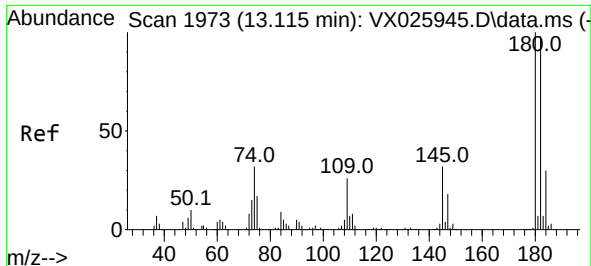
Ion Ratio Lower Upper

75 100

155 83.1 79.4 119.2

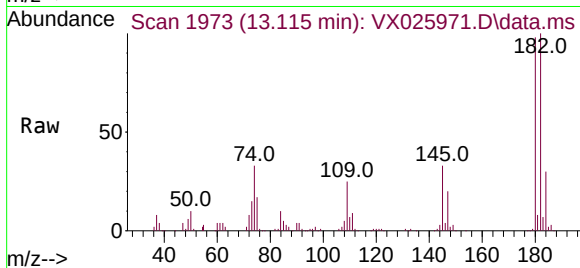
157 106.4 100.4 150.6



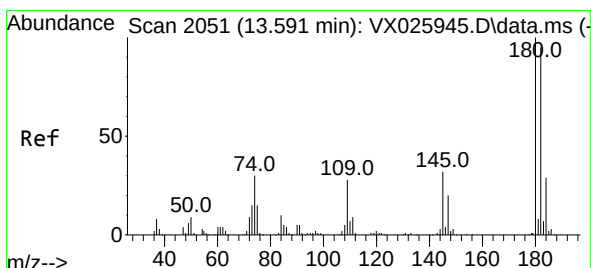
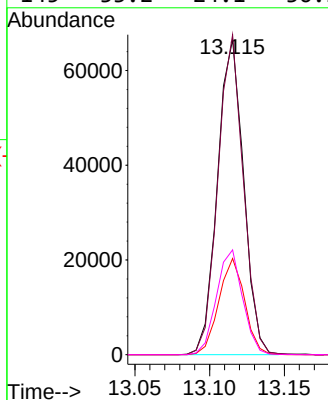
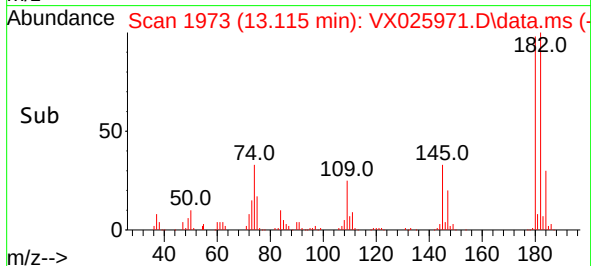


#69
 1,3,5-Trichlorobenzene
 Concen: 46.642 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48

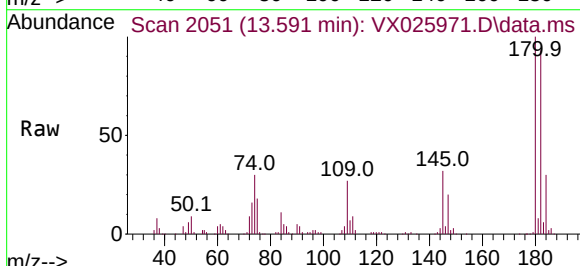
Instrument :
 MSVOA_X
 ClientSampleId :



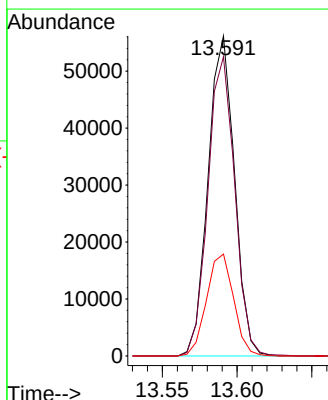
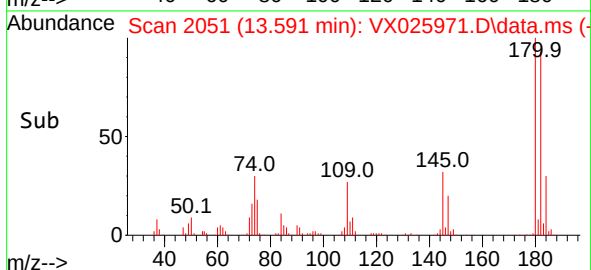
Tgt Ion:180 Resp: 80791
 Ion Ratio Lower Upper
 180 100
 182 98.6 75.3 112.9
 184 30.2 24.6 37.0
 145 33.2 24.1 36.1

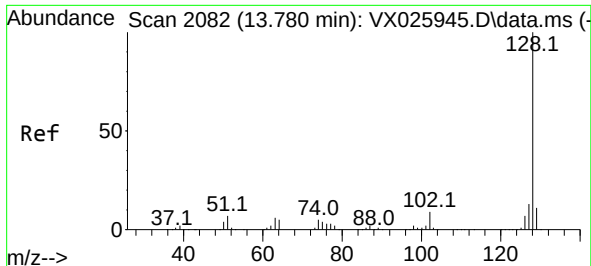


#70
 1,2,4-trichlorobenzene
 Concen: 48.482 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX025971.D
 Acq: 21 Dec 2021 20:48



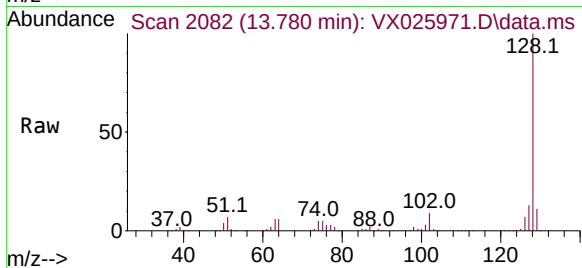
Tgt Ion:180 Resp: 69040
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.2 117.4
 145 32.6 24.7 37.1



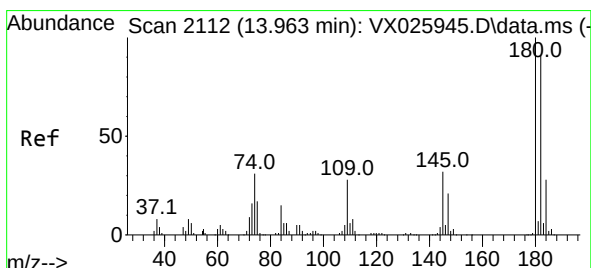
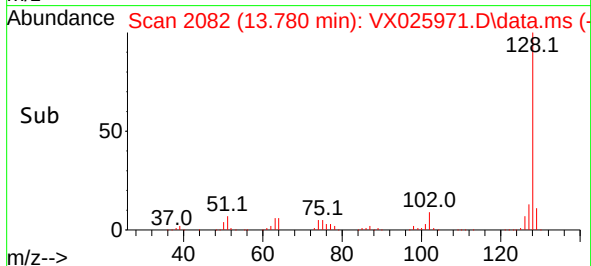
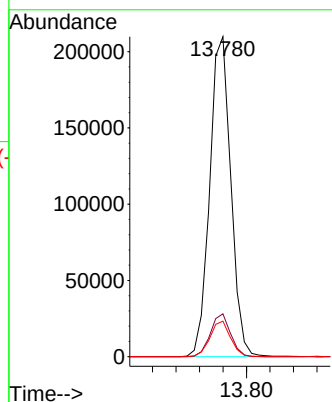


#71
Naphthalene
Concen: 54.051 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 262307
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.453 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025971.D
Acq: 21 Dec 2021 20:48

Tgt Ion:180 Resp: 71941
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 34.2 25.8 38.6

