

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043927.D
 Acq On : 21 Nov 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 22 03:29:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137617	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	247844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48239	20.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	40.880%#
35) Dibromofluoromethane	5.385	113	35015	19.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.540%#
50) Toluene-d8	8.647	98	122646	20.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.180%#
62) 4-Bromofluorobenzene	11.079	95	41087	19.776	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	39.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35268	20.230	ug/l	99
3) Chloromethane	1.295	50	39622	21.597	ug/l	93
4) Vinyl Chloride	1.374	62	40173	20.587	ug/l	95
5) Bromomethane	1.593	94	24112	20.086	ug/l	98
6) Chloroethane	1.666	64	22213	18.682	ug/l	99
7) Trichlorofluoromethane	1.868	101	73464	21.058	ug/l	99
8) Diethyl Ether	2.136	74	25875	20.349	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	33284	20.001	ug/l	98
10) Methyl Iodide	2.441	142	43047	20.712	ug/l	99
11) Tert butyl alcohol	3.002	59	36554	96.484	ug/l	99
12) 1,1-Dichloroethene	2.307	96	32180	20.293	ug/l	96
13) Acrolein	2.240	56	35249	88.269	ug/l	98
14) Allyl chloride	2.660	41	53053	20.475	ug/l	96
15) Acrylonitrile	3.069	53	94417	102.265	ug/l	100
16) Acetone	2.386	43	110373	101.811	ug/l	95
17) Carbon Disulfide	2.502	76	59349	18.144	ug/l	98
18) Methyl Acetate	2.709	43	50136	19.859	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	121776	21.150	ug/l	98
20) Methylene Chloride	2.788	84	37633	20.456	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	33545	20.489	ug/l	96
22) Diisopropyl ether	3.764	45	119475	21.564	ug/l	96
23) Vinyl Acetate	3.721	43	504408	106.423	ug/l	98
24) 1,1-Dichloroethane	3.599	63	67233	21.034	ug/l	99
25) 2-Butanone	4.568	43	148152	105.912	ug/l	99
26) 2,2-Dichloropropane	4.471	77	58444	20.246	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	41866	20.688	ug/l	98
28) Bromochloromethane	4.891	49	26507	18.840	ug/l	98
29) Tetrahydrofuran	5.013	42	87736	102.308	ug/l	100
30) Chloroform	5.087	83	72049	20.958	ug/l	97
31) Cyclohexane	5.458	56	53731	20.425	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	62394	21.046	ug/l	99
36) 1,1-Dichloropropene	5.684	75	44465	20.149	ug/l	99
37) Ethyl Acetate	4.715	43	54426	19.868	ug/l	99
38) Carbon Tetrachloride	5.672	117	48701	19.640	ug/l	98
39) Methylcyclohexane	7.379	83	55958	19.518	ug/l	95
40) Benzene	6.025	78	144401	21.006	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28938	20.639	ug/l	95
42) 1,2-Dichloroethane	6.086	62	57981	21.001	ug/l	99
43) Isopropyl Acetate	6.349	43	88577	20.318	ug/l	100
44) Trichloroethene	7.117	130	36440	18.726	ug/l	87
45) 1,2-Dichloropropane	7.428	63	35791	21.258	ug/l	95
46) Dibromomethane	7.580	93	27799	20.873	ug/l	98
47) Bromodichloromethane	7.818	83	49665	20.792	ug/l	97
48) Methyl methacrylate	7.690	41	41962	20.059	ug/l	98
49) 1,4-Dioxane	7.665	88	12071	334.681	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	278479	104.673	ug/l	100
52) Toluene	8.714	92	87569	21.284	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	50294	20.648	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	56407	21.124	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	37148	21.872	ug/l	95
56) Ethyl methacrylate	9.116	69	56585	21.390	ug/l	99
57) 1,3-Dichloropropane	9.305	76	61420	21.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	136842	93.712	ug/l	97
59) 2-Hexanone	9.433	43	213629	106.832	ug/l	100
60) Dibromochloromethane	9.519	129	34133	20.030	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36985	21.536	ug/l	99
64) Tetrachloroethene	9.269	164	29274	20.377	ug/l	98
65) Chlorobenzene	10.080	112	96469	20.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	32353	20.848	ug/l	99
67) Ethyl Benzene	10.189	91	166435	20.527	ug/l	99
68) m/p-Xylenes	10.299	106	122658	40.565	ug/l	99
69) o-Xylene	10.640	106	60254	20.409	ug/l	94
70) Styrene	10.653	104	102329	20.956	ug/l	99
71) Bromoform	10.799	173	19329	17.792	ug/l #	96
73) Isopropylbenzene	10.964	105	157405	20.794	ug/l	99
74) N-amyl acetate	10.842	43	73525	20.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	54158	20.894	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	58738	27.659	ug/l	82
77) Bromobenzene	11.195	156	37631	20.839	ug/l	99
78) n-propylbenzene	11.305	91	176034	20.821	ug/l	98
79) 2-Chlorotoluene	11.360	91	112986	21.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	132041	21.202	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14743	18.629	ug/l	93
82) 4-Chlorotoluene	11.451	91	125521	20.797	ug/l	99
83) tert-Butylbenzene	11.713	119	128636	20.839	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	132595	21.385	ug/l	99
85) sec-Butylbenzene	11.890	105	156312	20.668	ug/l	99
86) p-Isopropyltoluene	12.006	119	130605	21.260	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67003	20.372	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67195	20.118	ug/l	96
89) n-Butylbenzene	12.329	91	110491	20.399	ug/l	99
90) Hexachloroethane	12.536	117	19547	18.712	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	67852	20.443	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9939	19.137	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	38866	19.862	ug/l	98
94) Hexachlorobutadiene	13.725	225	14818	19.160	ug/l	96
95) Naphthalene	13.774	128	145678	20.681	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41554	20.981	ug/l	99

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QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

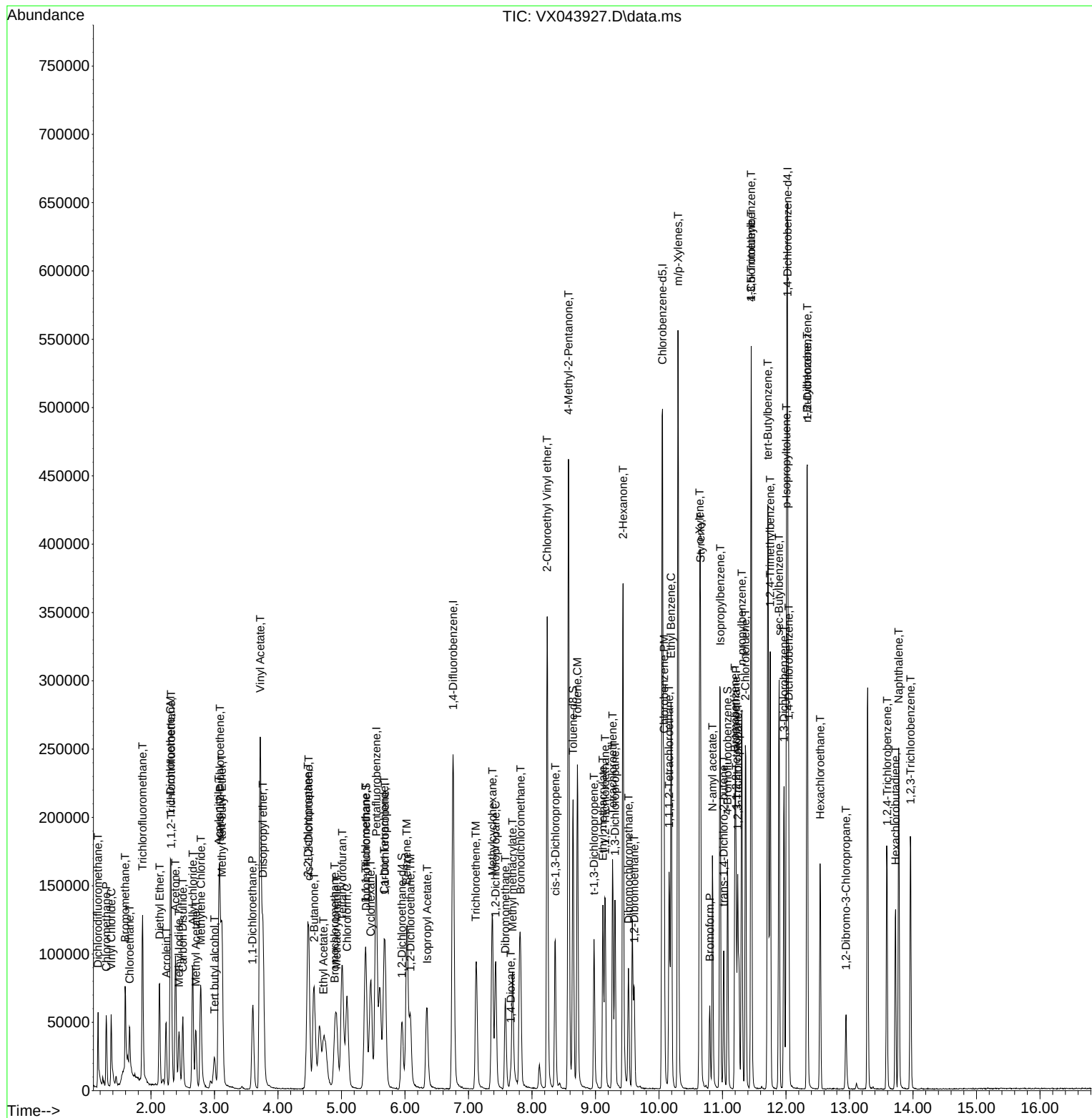
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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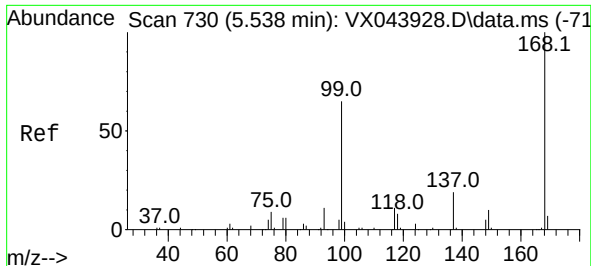
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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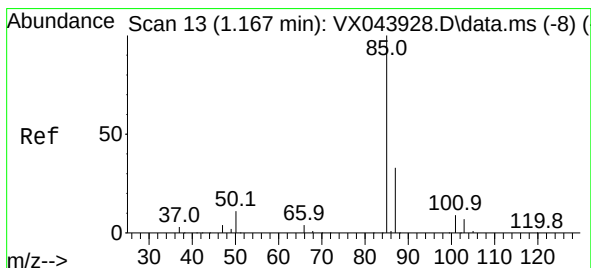
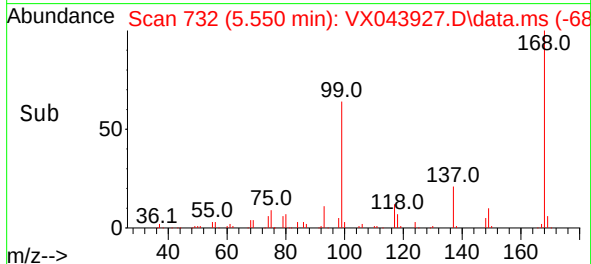
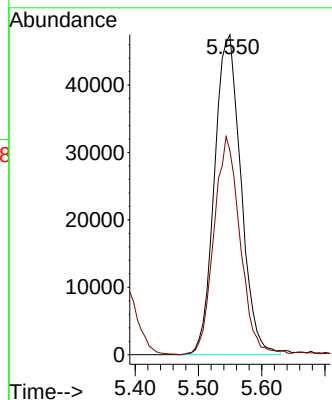
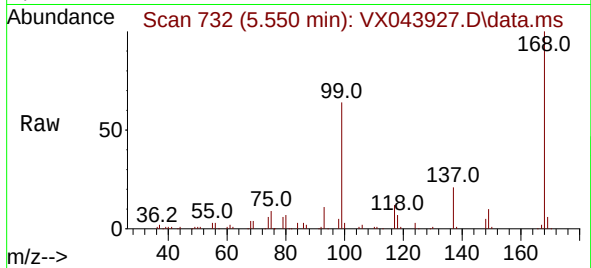




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 74
Delta R.T. 0.012 min
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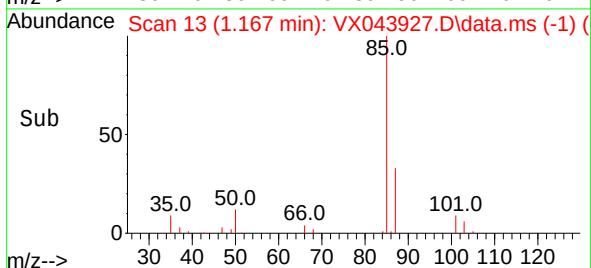
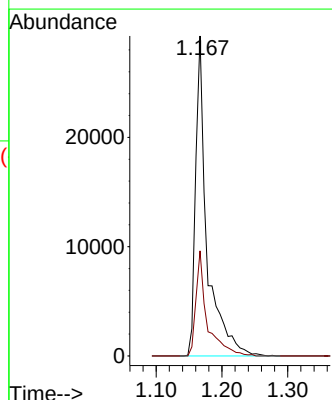
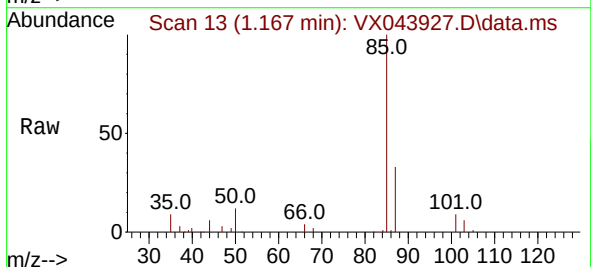
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

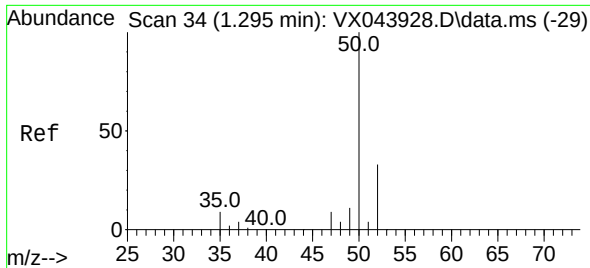
Tgt Ion:168 Resp: 137617
Ion Ratio Lower Upper
168 100
99 63.7 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 20.230 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 85 Resp: 35268
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.8

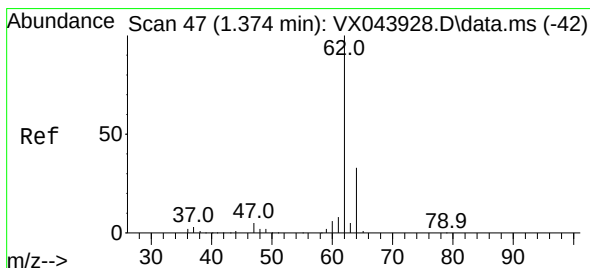
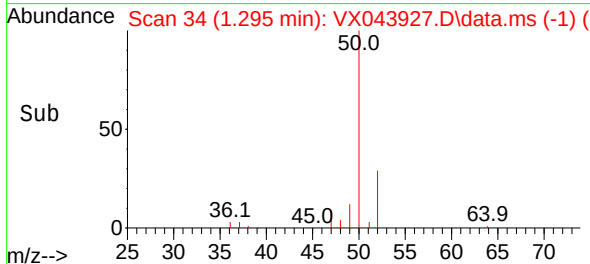
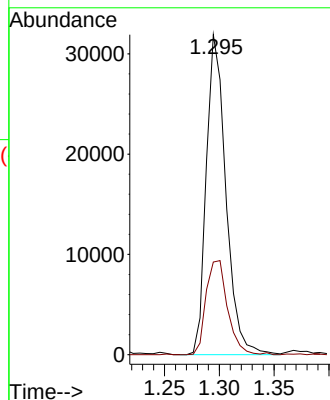
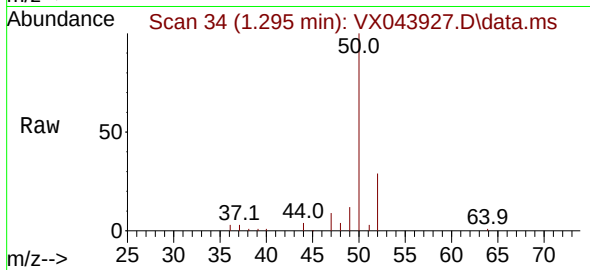




#3
Chloromethane
Concen: 21.597 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

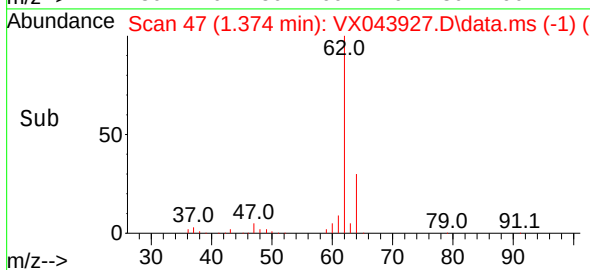
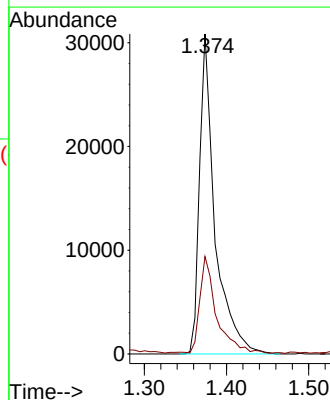
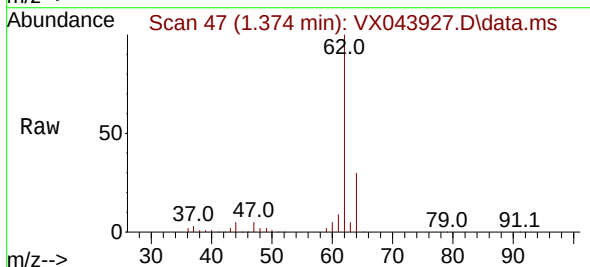
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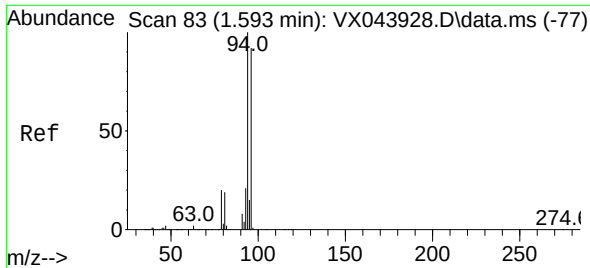
Tgt Ion: 50 Resp: 39622
Ion Ratio Lower Upper
50 100
52 28.9 26.1 39.1



#4
Vinyl Chloride
Concen: 20.587 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 62 Resp: 40173
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.4

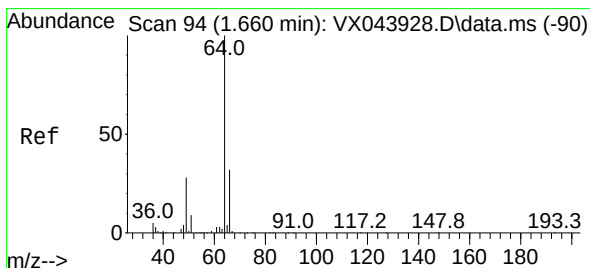
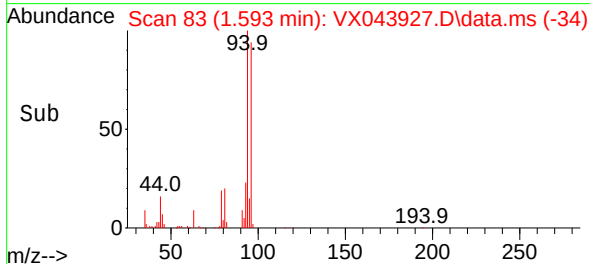
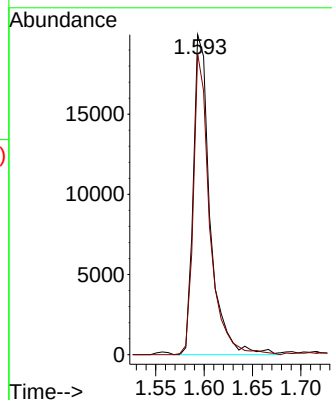
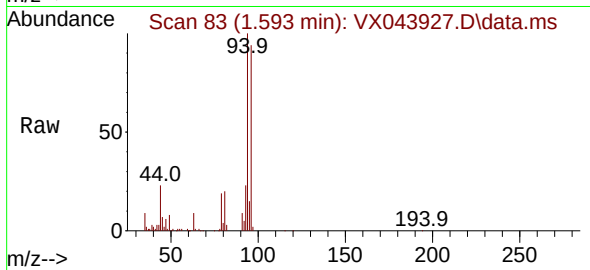




#5
Bromomethane
Concen: 20.086 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043927.D
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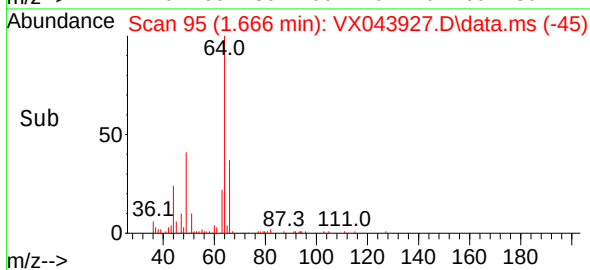
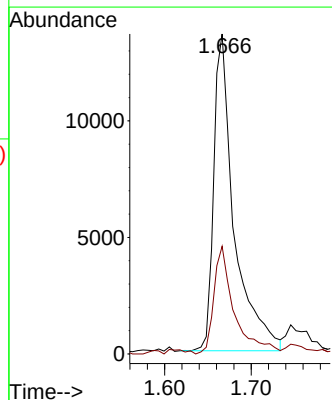
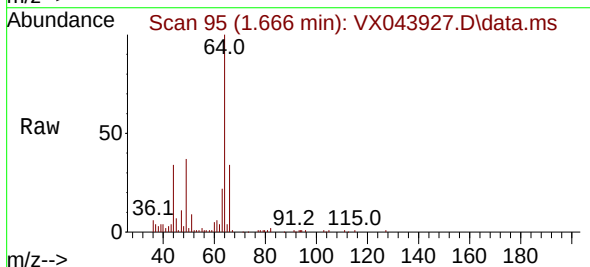
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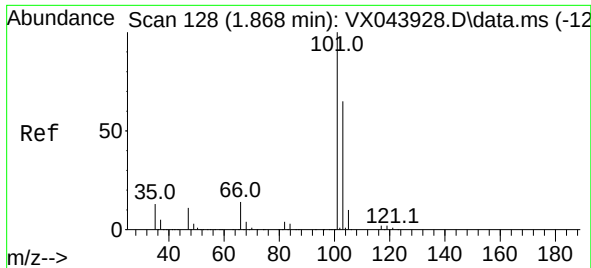
Tgt Ion: 94 Resp: 24112
Ion Ratio Lower Upper
94 100
96 94.1 73.9 110.9



#6
Chloroethane
Concen: 18.682 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 64 Resp: 22213
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9

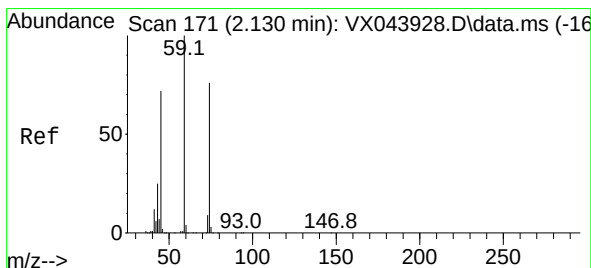
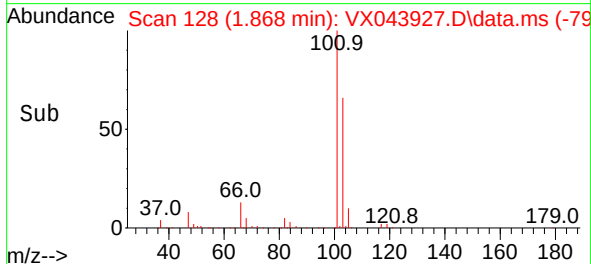
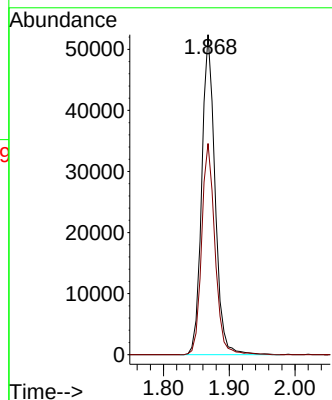
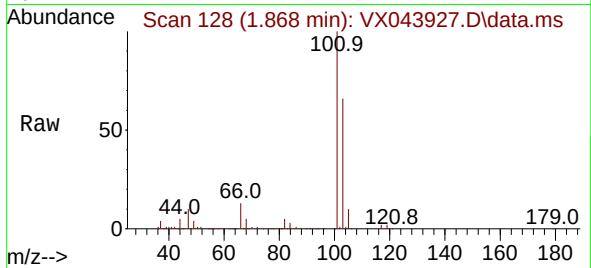




#7
 Trichlorofluoromethane
 Concen: 21.058 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043927.D
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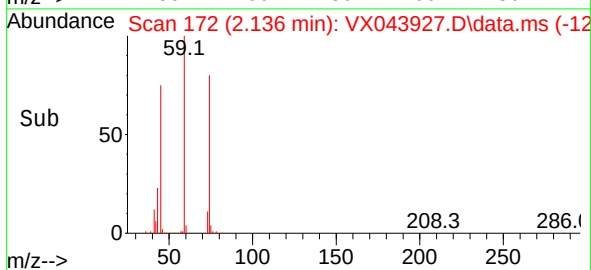
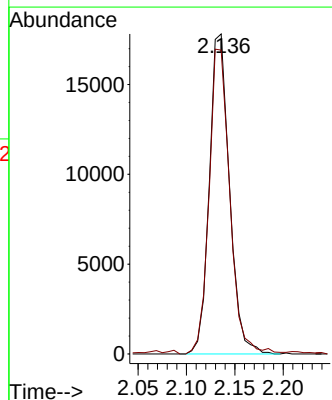
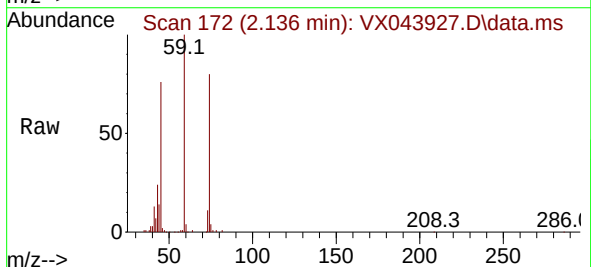
Instrument :
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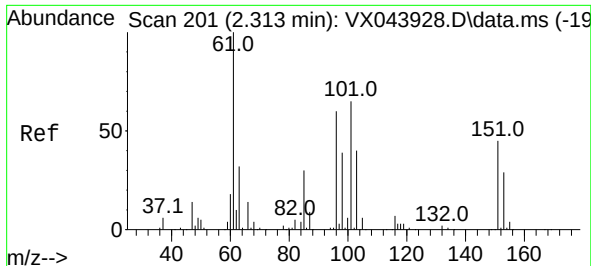
Tgt Ion:101 Resp: 73464
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.349 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 25875
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.9 143.6

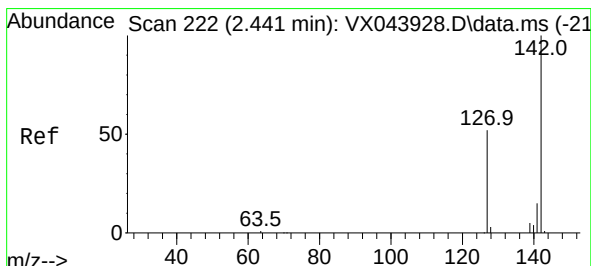
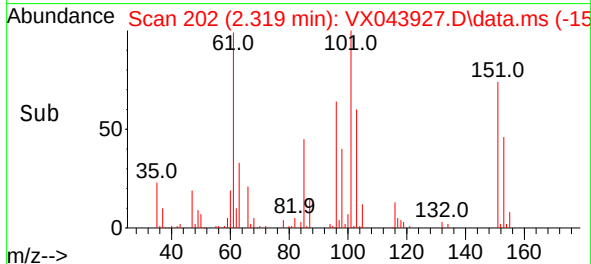
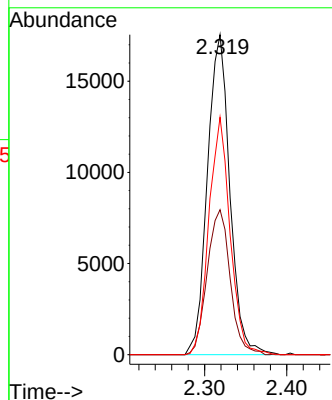
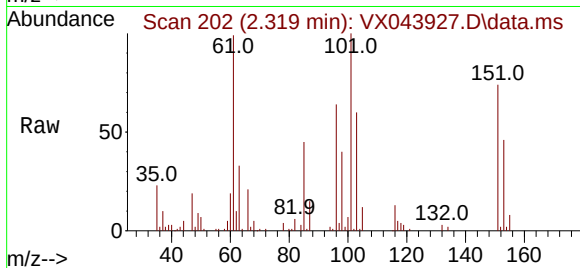




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.001 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

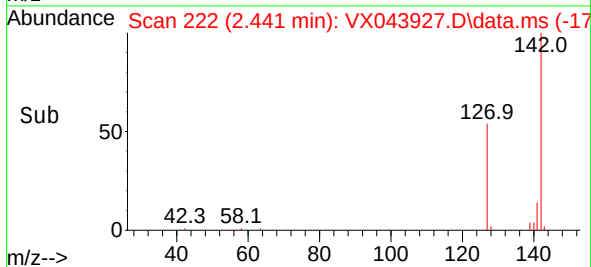
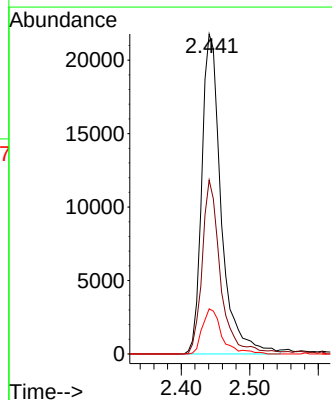
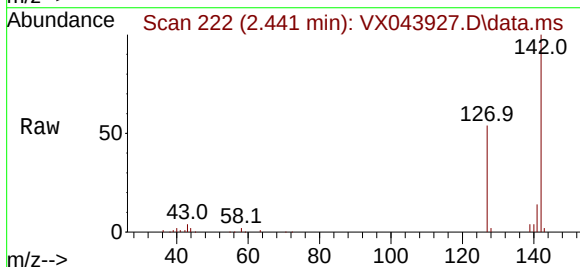
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

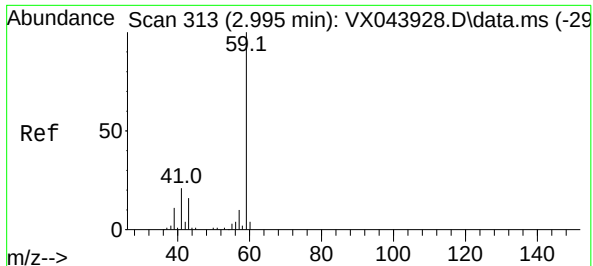
Tgt Ion:101 Resp: 33284
Ion Ratio Lower Upper
101 100
85 46.3 37.9 56.9
151 70.1 57.5 86.3



#10
Methyl Iodide
Concen: 20.712 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:142 Resp: 43047
Ion Ratio Lower Upper
142 100
127 51.8 40.7 61.1
141 14.2 12.0 18.0





#11

Tert butyl alcohol

Concen: 96.484 ug/l

RT: 3.002 min Scan# 313

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

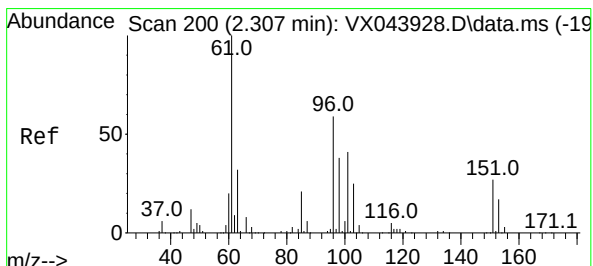
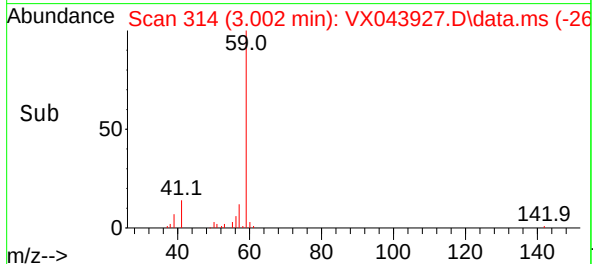
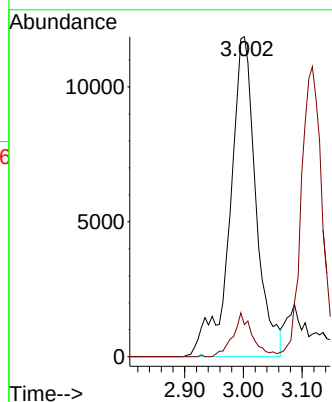
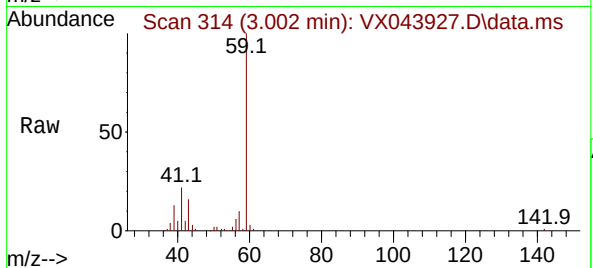
VSTDICC020

Tgt Ion: 59 Resp: 36554

Ion Ratio Lower Upper

59 100

57 10.3 7.9 11.9



#12

1,1-Dichloroethene

Concen: 20.293 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

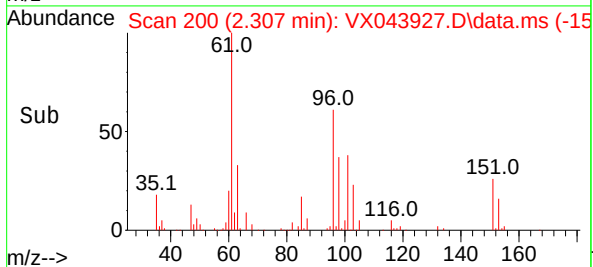
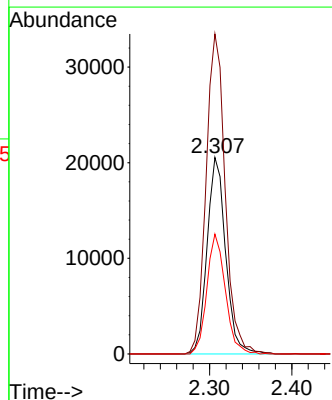
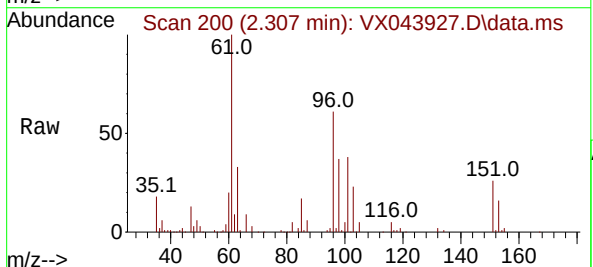
Tgt Ion: 96 Resp: 32180

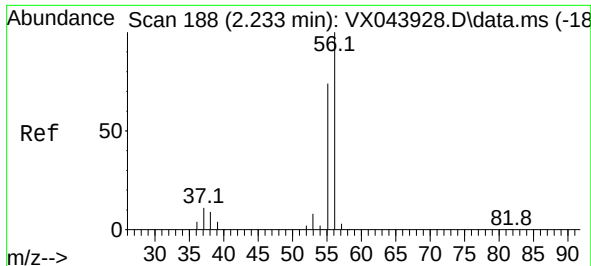
Ion Ratio Lower Upper

96 100

61 162.9 135.5 203.3

98 61.0 50.8 76.2





#13

Acrolein

Concen: 88.269 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

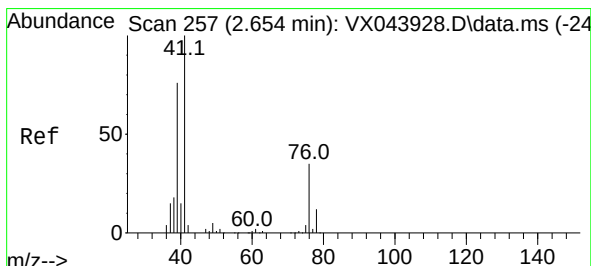
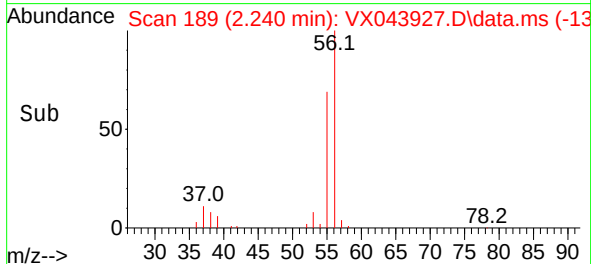
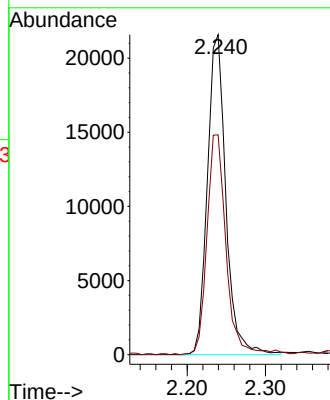
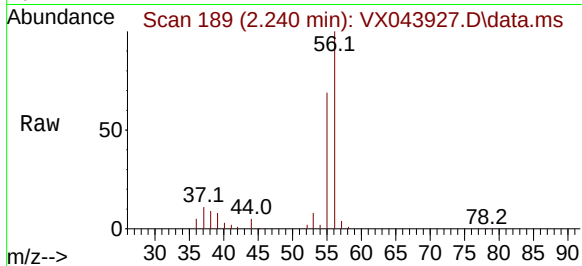
VSTDICC020

Tgt Ion: 56 Resp: 35249

Ion Ratio Lower Upper

56 100

55 71.2 58.2 87.2



#14

Allyl chloride

Concen: 20.475 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

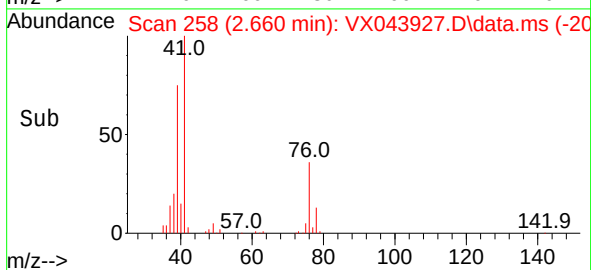
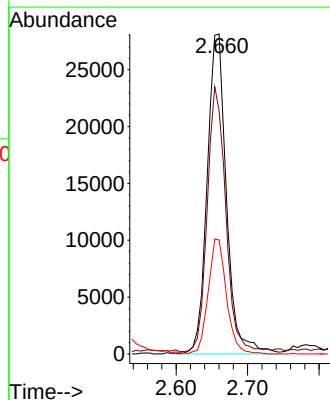
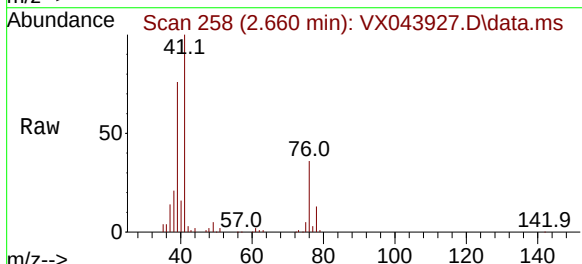
Tgt Ion: 41 Resp: 53053

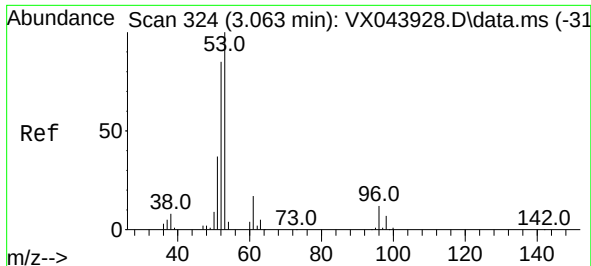
Ion Ratio Lower Upper

41 100

39 78.7 59.5 89.3

76 33.9 27.4 41.2





#15

Acrylonitrile

Concen: 102.265 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

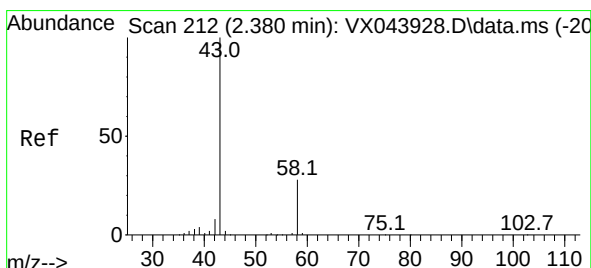
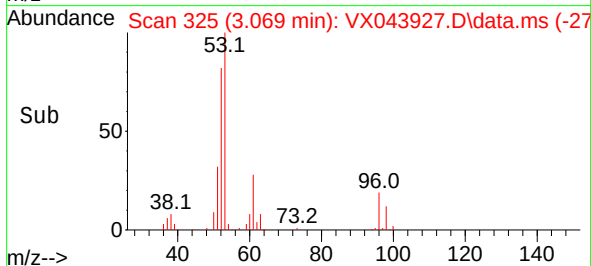
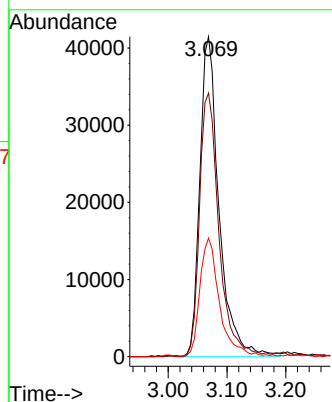
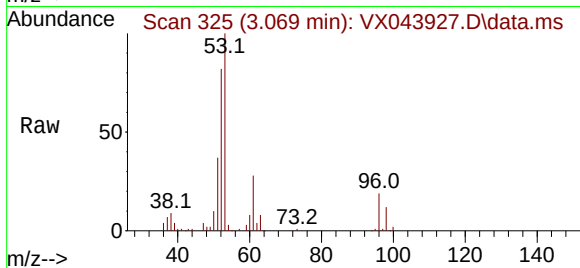
Tgt Ion: 53 Resp: 94417

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 37.1 30.2 45.4



#16

Acetone

Concen: 101.811 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043927.D

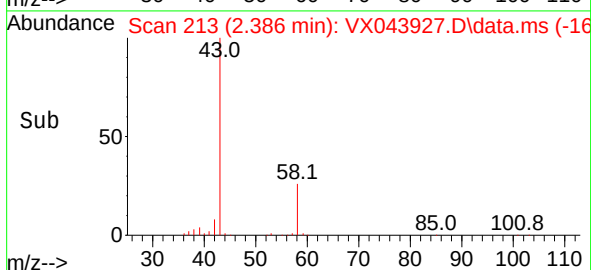
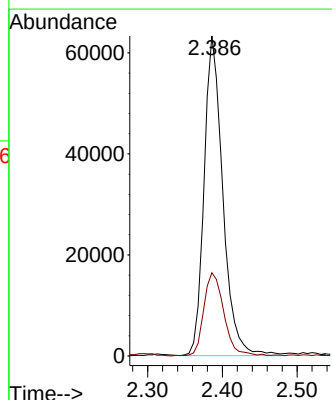
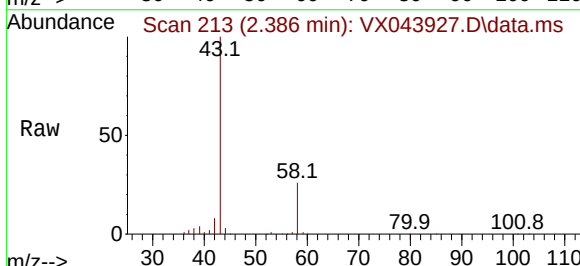
Acq: 21 Nov 2024 10:37

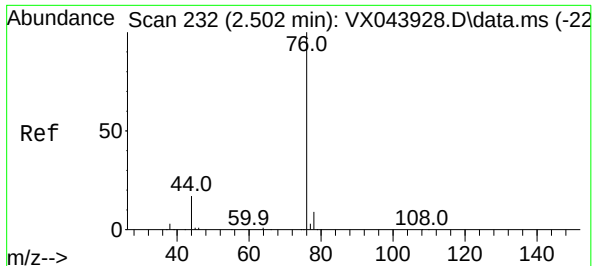
Tgt Ion: 43 Resp: 110373

Ion Ratio Lower Upper

43 100

58 25.9 22.7 34.1

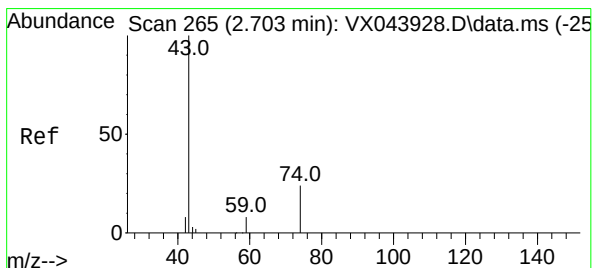
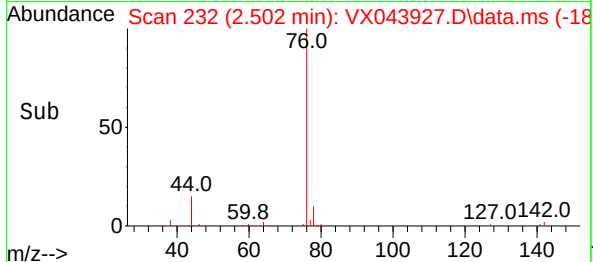
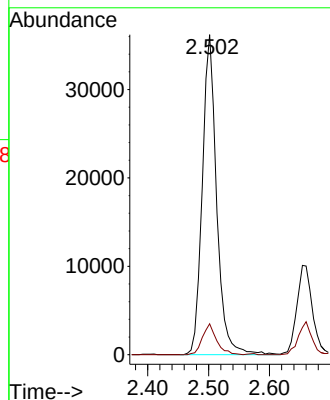
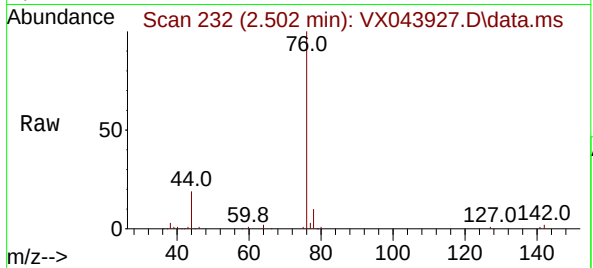




#17
Carbon Disulfide
Concen: 18.144 ug/l
RT: 2.502 min Scan# 241
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

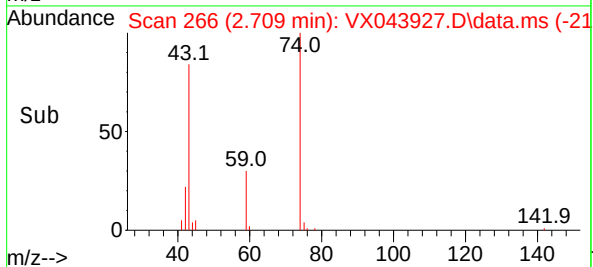
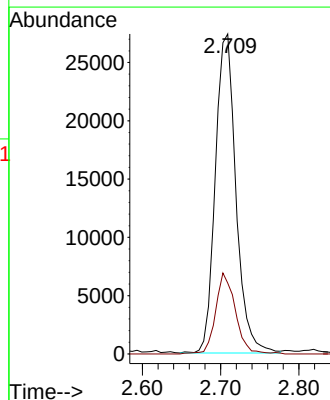
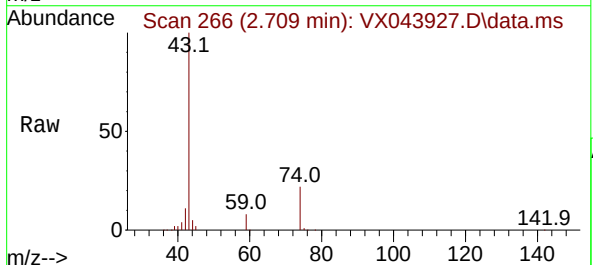
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

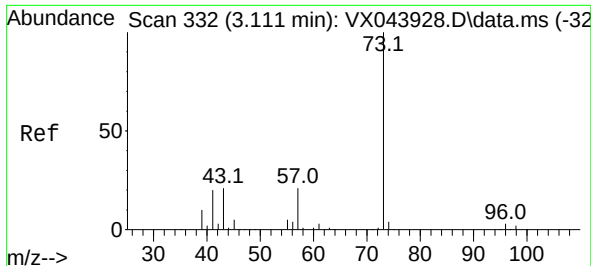
Tgt Ion: 76 Resp: 59349
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 19.859 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 43 Resp: 50136
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 21.150 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

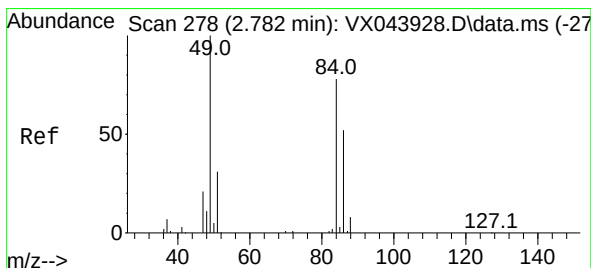
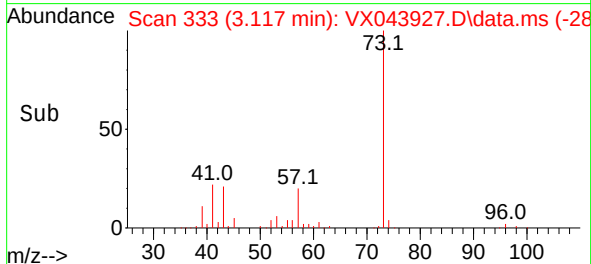
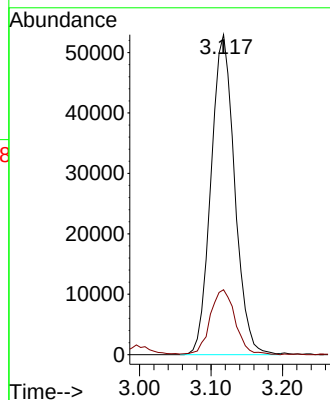
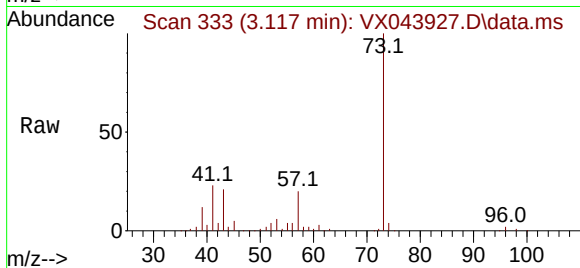
VSTDIC020

Tgt Ion: 73 Resp: 121776

Ion Ratio Lower Upper

73 100

57 20.3 17.0 25.6



#20

Methylene Chloride

Concen: 20.456 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion: 84 Resp: 37633

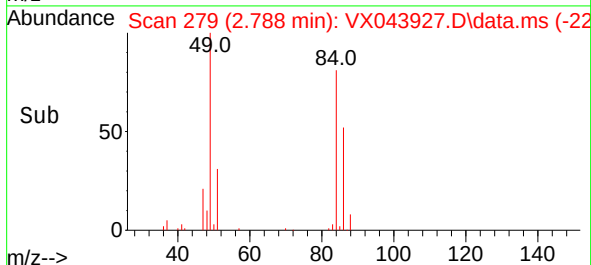
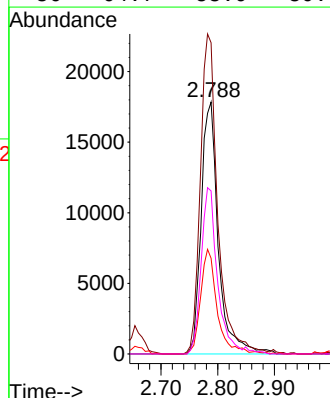
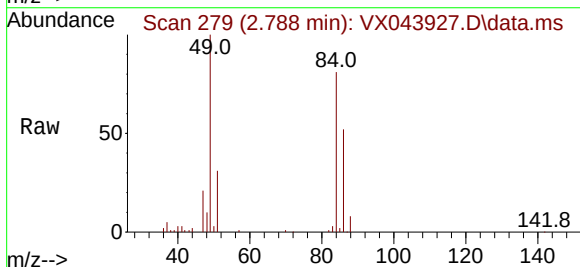
Ion Ratio Lower Upper

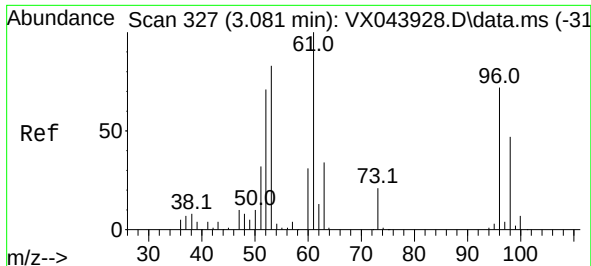
84 100

49 123.5 102.7 154.1

51 38.0 31.7 47.5

86 64.7 53.9 80.9

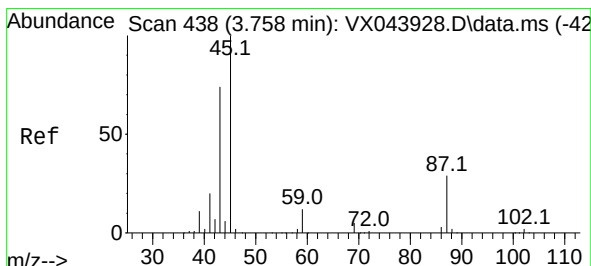
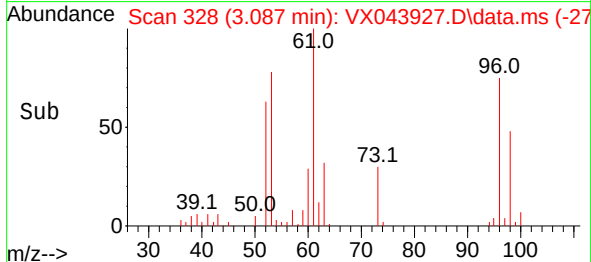
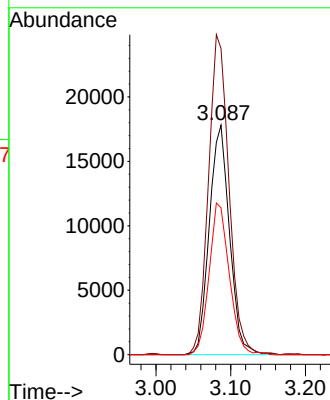
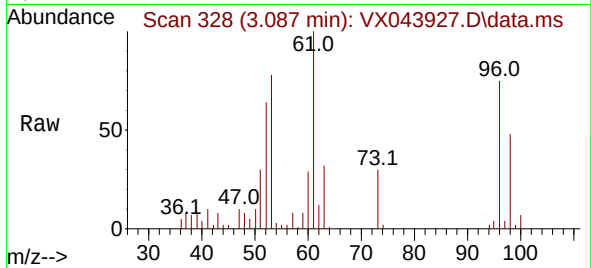




#21
trans-1,2-Dichloroethene
Concen: 20.489 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

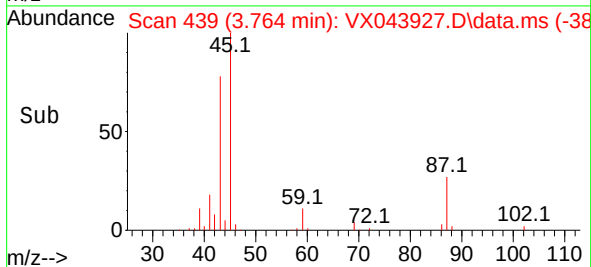
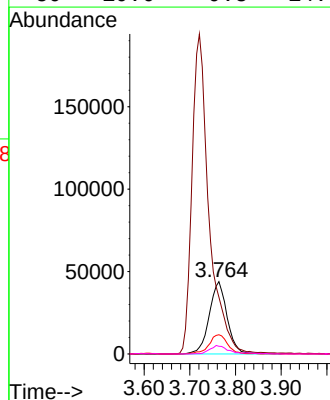
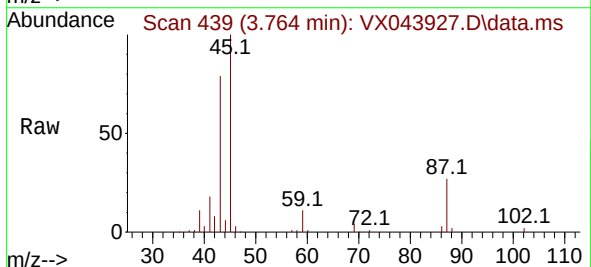
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

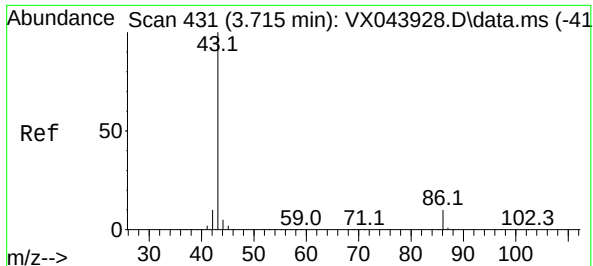
Tgt Ion: 96 Resp: 33545
Ion Ratio Lower Upper
96 100
61 133.4 111.8 167.6
98 64.0 52.7 79.1



#22
Diisopropyl ether
Concen: 21.564 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 45 Resp: 119475
Ion Ratio Lower Upper
45 100
43 77.4 59.6 89.4
87 26.6 22.9 34.3
59 10.6 9.8 14.6

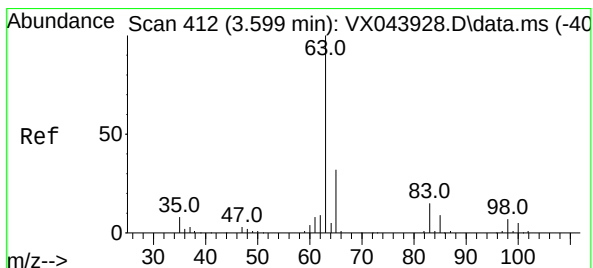
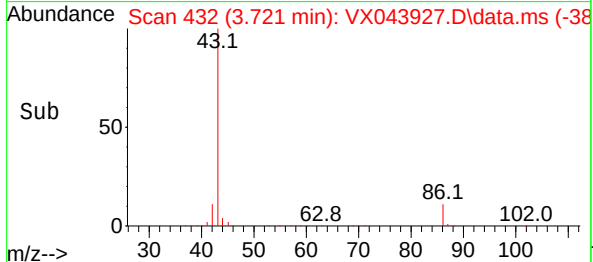
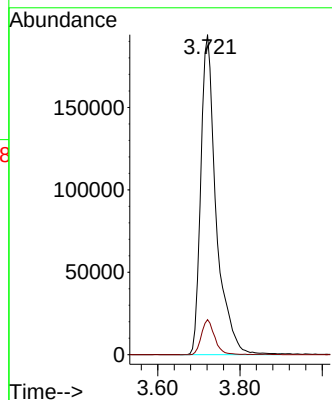
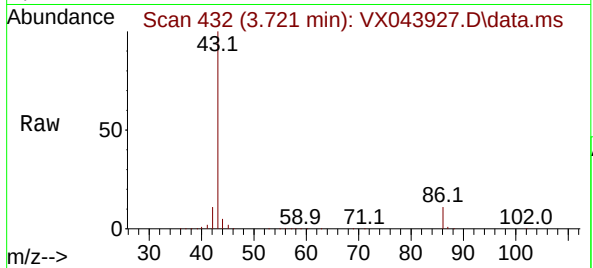




#23
Vinyl Acetate
Concen: 106.423 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

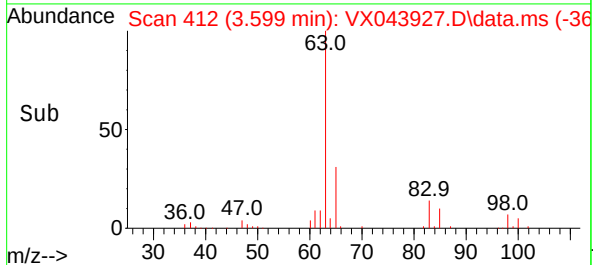
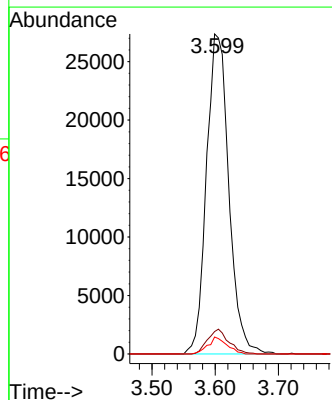
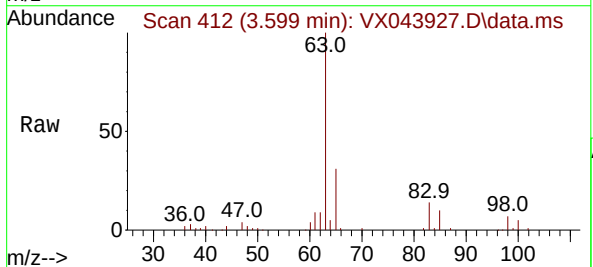
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

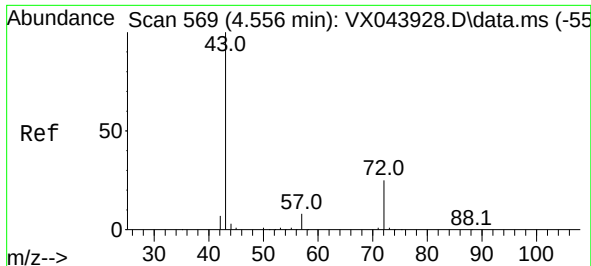
Tgt Ion: 43 Resp: 504408
Ion Ratio Lower Upper
43 100
86 11.0 8.3 12.5



#24
1,1-Dichloroethane
Concen: 21.034 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 63 Resp: 67233
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.6
100 5.3 2.4 7.1





#25

2-Butanone

Concen: 105.912 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

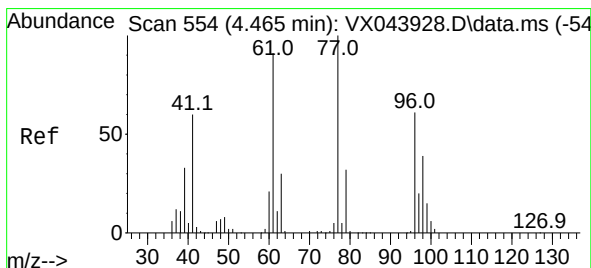
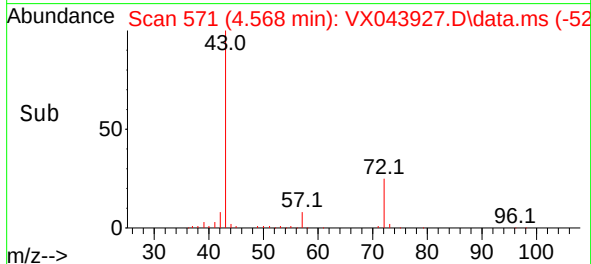
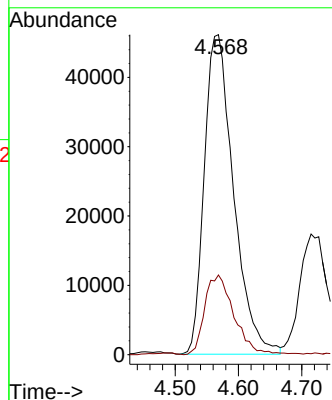
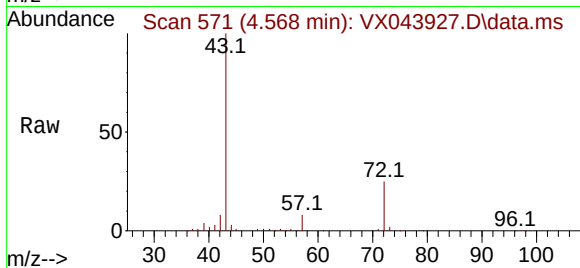
VSTDIC020

Tgt Ion: 43 Resp: 148152

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 20.246 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX043927.D

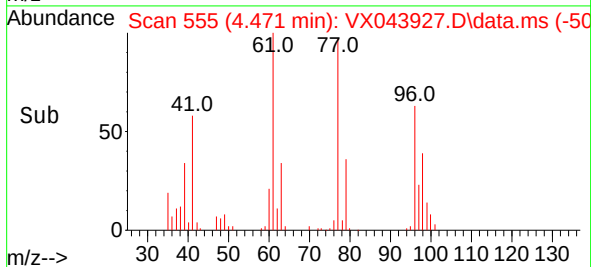
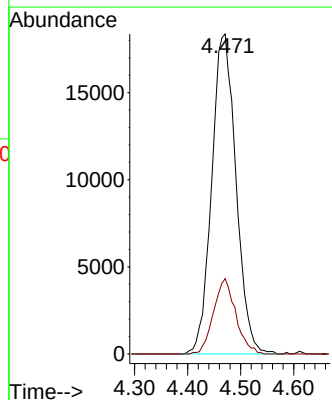
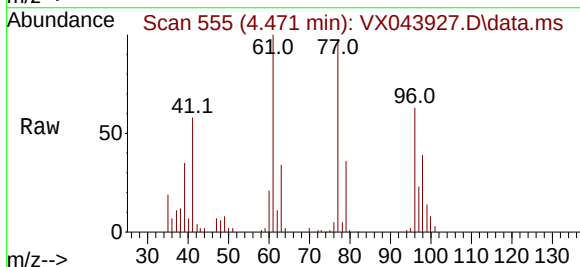
Acq: 21 Nov 2024 10:37

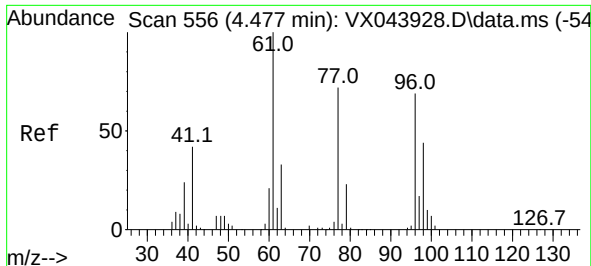
Tgt Ion: 77 Resp: 58444

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.3

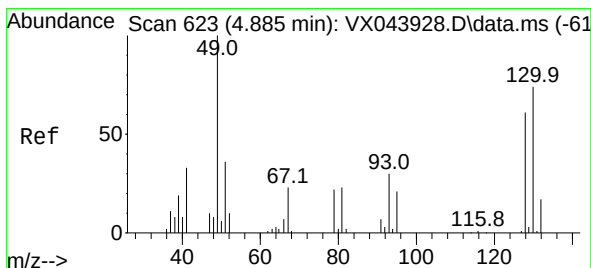
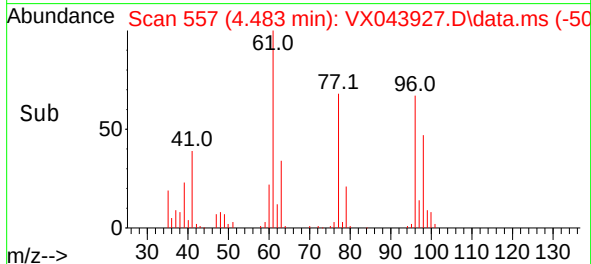
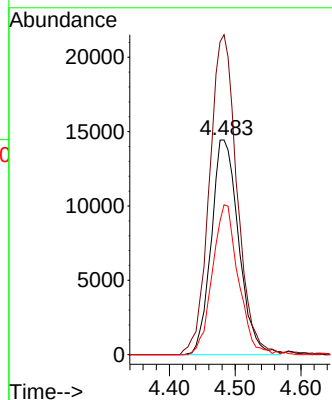
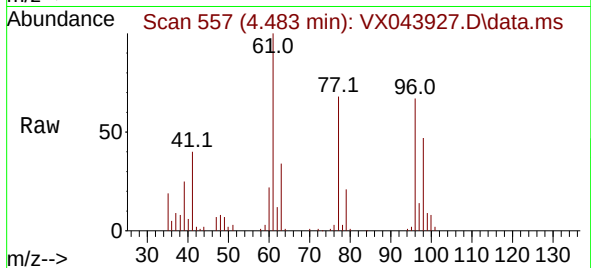




#27
 cis-1,2-Dichloroethene
 Concen: 20.688 ug/l
 RT: 4.483 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

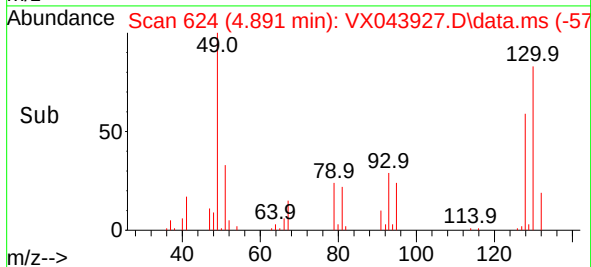
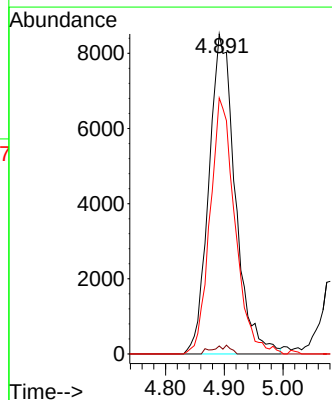
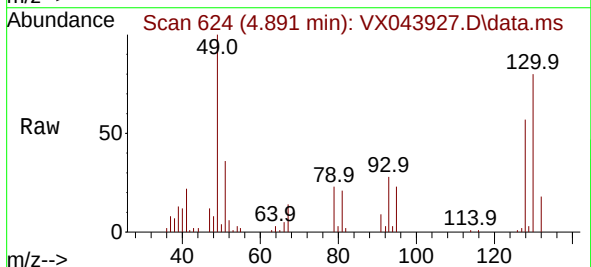
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

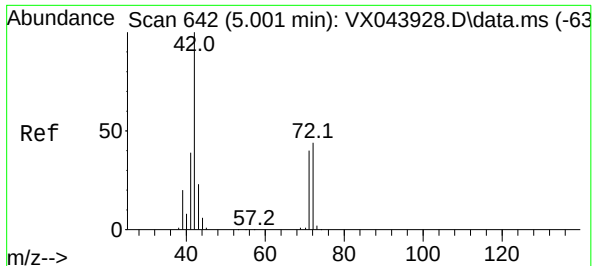
Tgt Ion: 96 Resp: 41866
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 297.4
 98 66.3 0.0 127.8



#28
 Bromochloromethane
 Concen: 18.840 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX043927.D
 Acq: 21 Nov 2024 10:37

Tgt Ion: 49 Resp: 26507
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 75.8 59.0 88.6

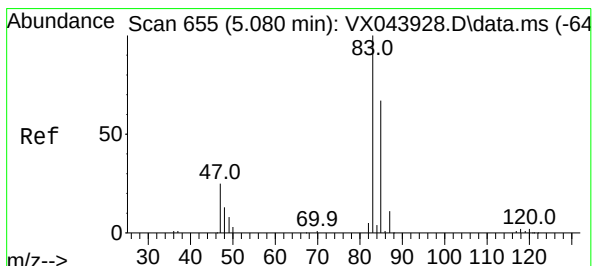
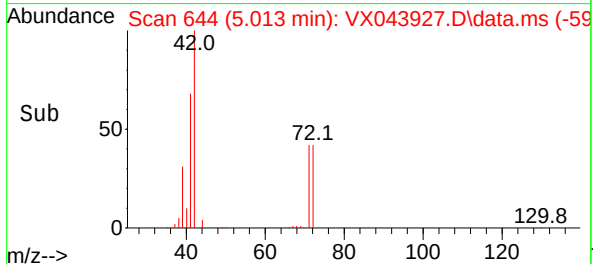
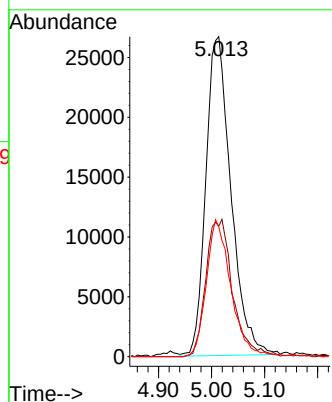
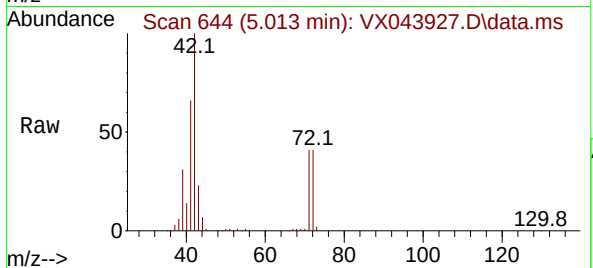




#29
Tetrahydrofuran
Concen: 102.308 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

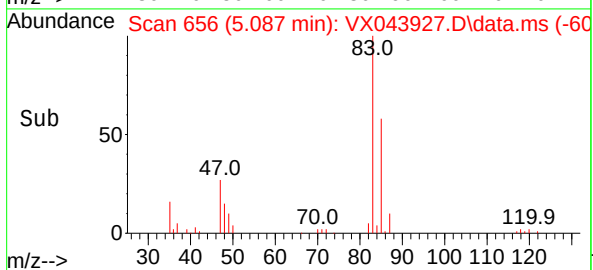
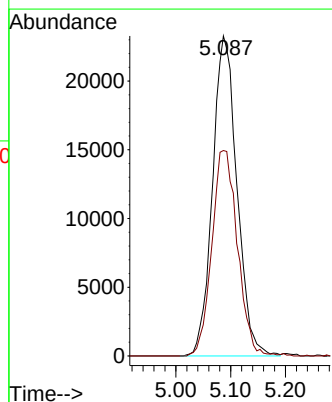
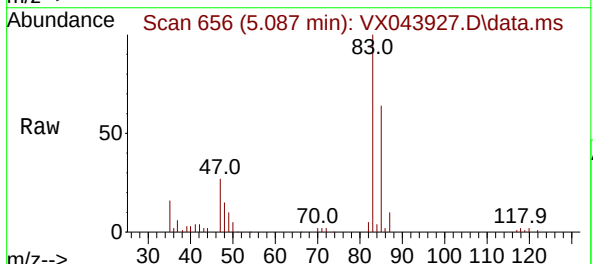
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

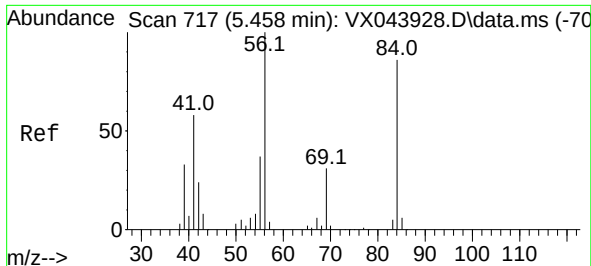
Tgt Ion: 42 Resp: 87736
Ion Ratio Lower Upper
42 100
72 45.8 36.4 54.6
71 42.0 33.4 50.0



#30
Chloroform
Concen: 20.958 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 83 Resp: 72049
Ion Ratio Lower Upper
83 100
85 64.2 53.5 80.3

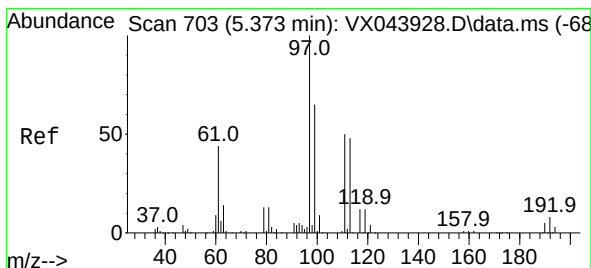
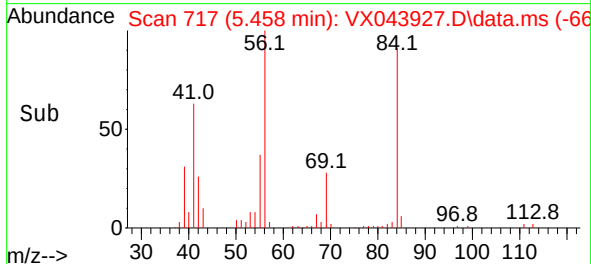
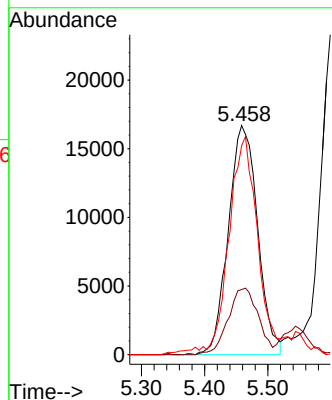
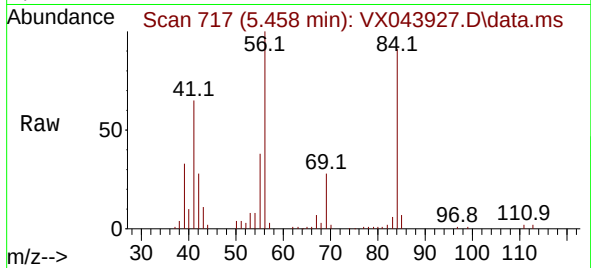




#31
Cyclohexane
Concen: 20.425 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

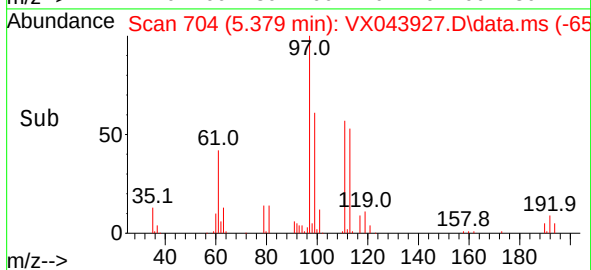
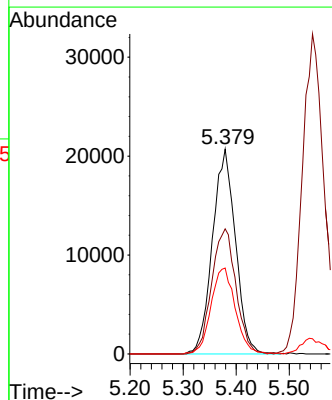
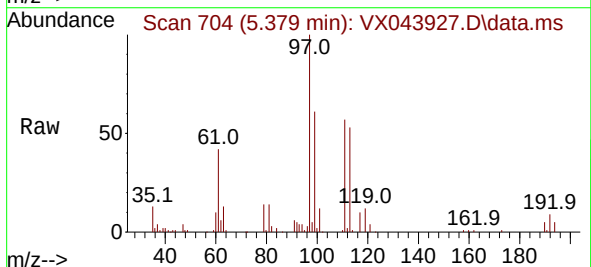
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

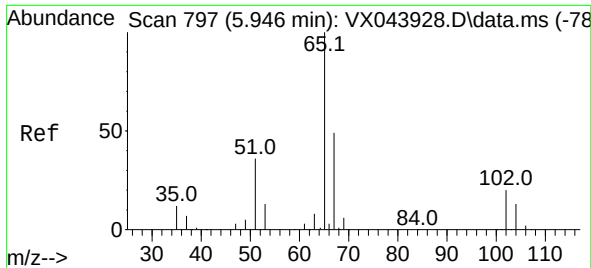
Tgt Ion: 56 Resp: 53731
Ion Ratio Lower Upper
56 100
69 28.4 24.7 37.1
84 89.6 68.7 103.1



#32
1,1,1-Trichloroethane
Concen: 21.046 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 97 Resp: 62394
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 44.1 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 20.437 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

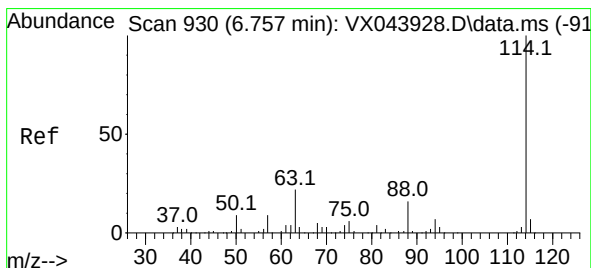
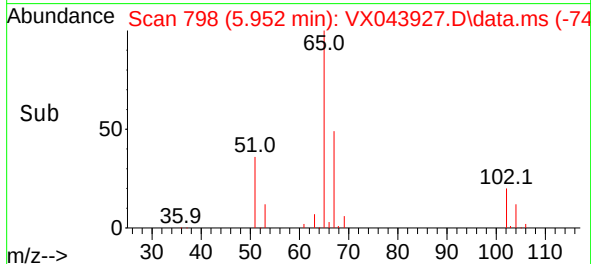
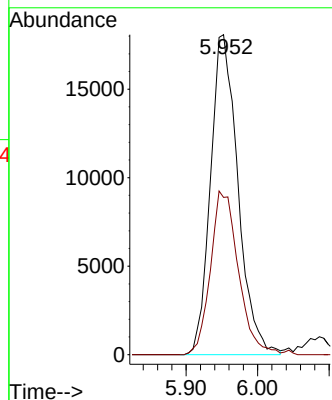
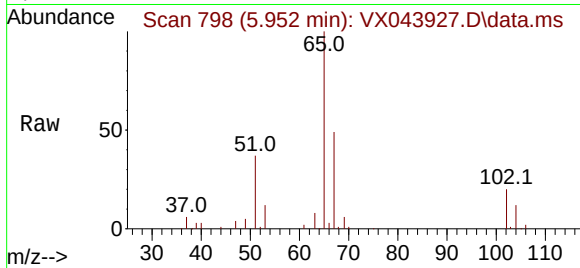
VSTDIC020

Tgt Ion: 65 Resp: 48239

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

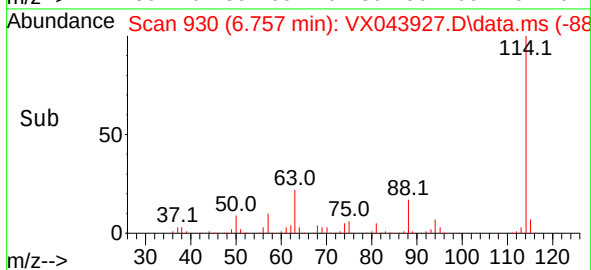
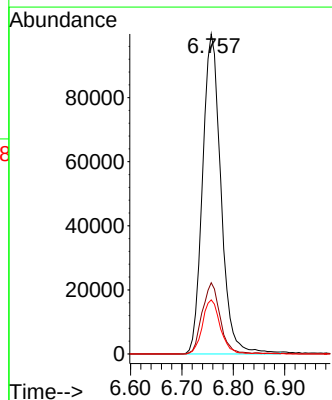
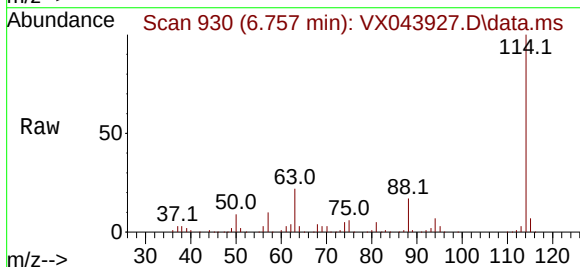
Tgt Ion:114 Resp: 247844

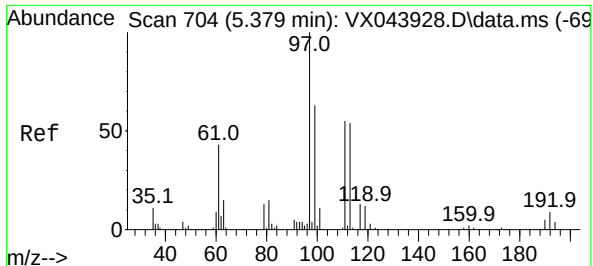
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 19.772 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

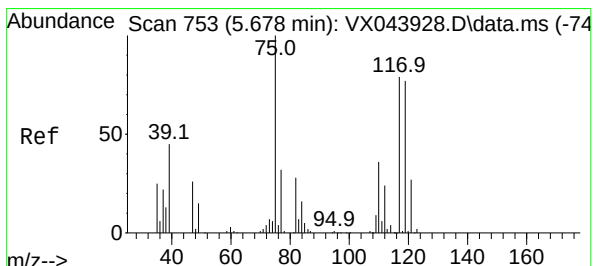
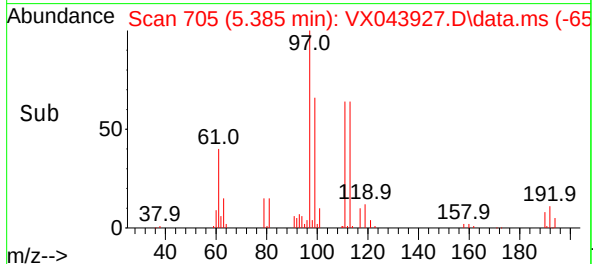
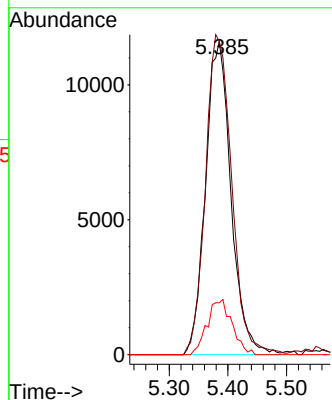
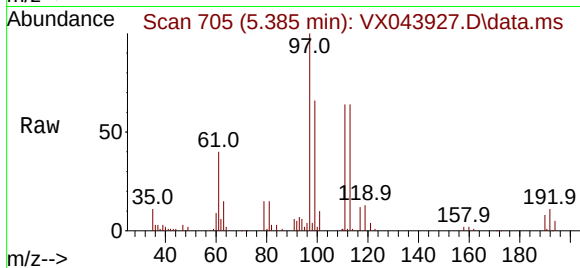
Tgt Ion:113 Resp: 35015

Ion Ratio Lower Upper

113 100

111 105.0 81.0 121.4

192 17.1 13.0 19.6



#36

1,1-Dichloropropene

Concen: 20.149 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

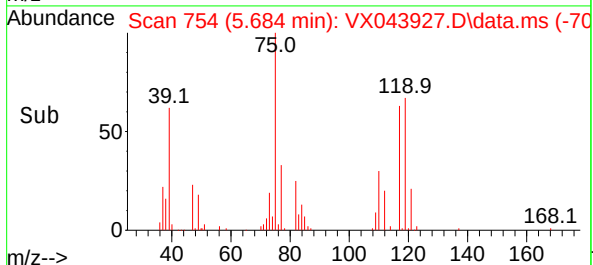
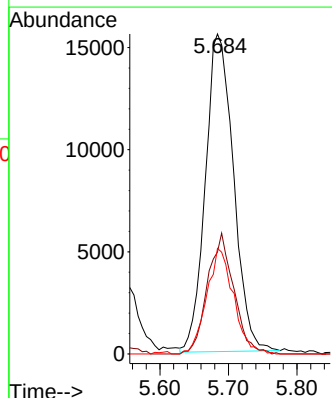
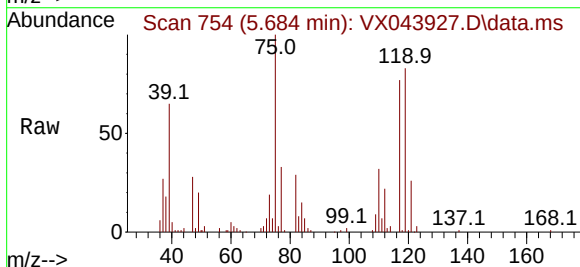
Tgt Ion: 75 Resp: 44465

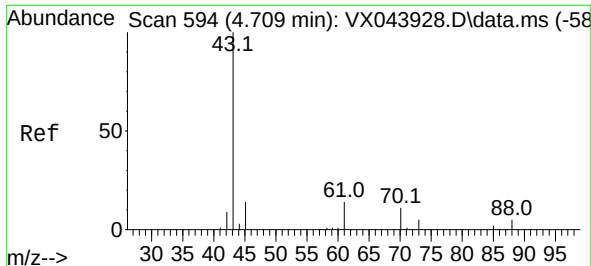
Ion Ratio Lower Upper

75 100

110 35.4 17.4 52.2

77 31.8 25.8 38.8





#37

Ethyl Acetate

Concen: 19.868 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

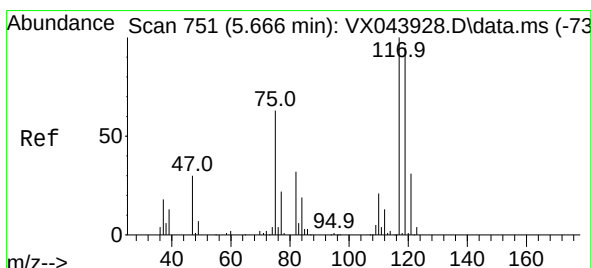
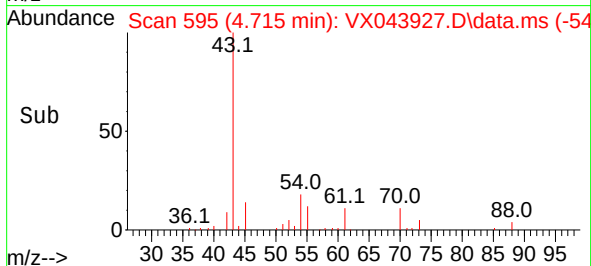
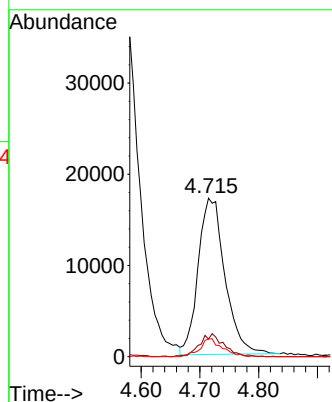
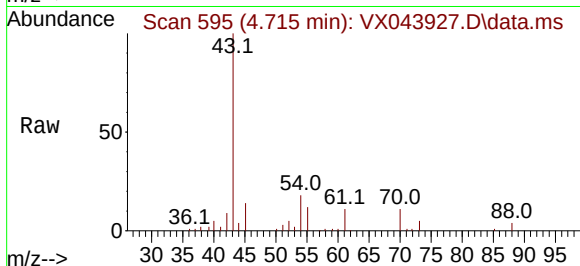
Tgt Ion: 43 Resp: 54426

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 9.5 8.0 12.0



#38

Carbon Tetrachloride

Concen: 19.640 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

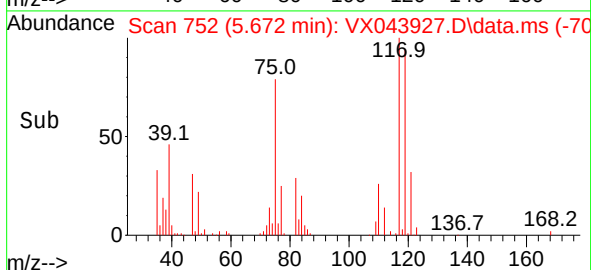
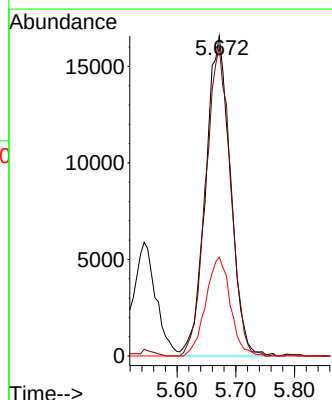
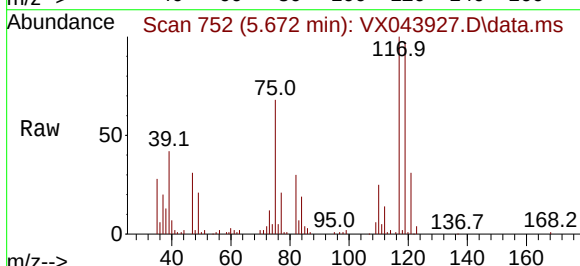
Tgt Ion: 117 Resp: 48701

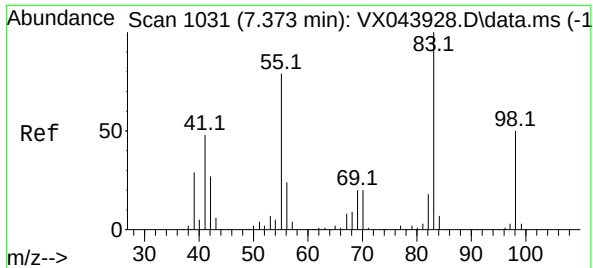
Ion Ratio Lower Upper

117 100

119 96.6 75.2 112.8

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.518 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

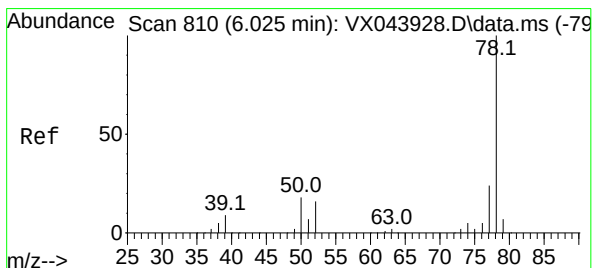
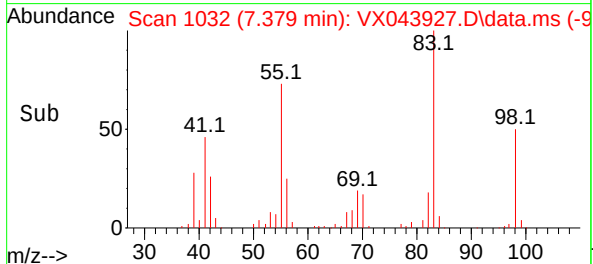
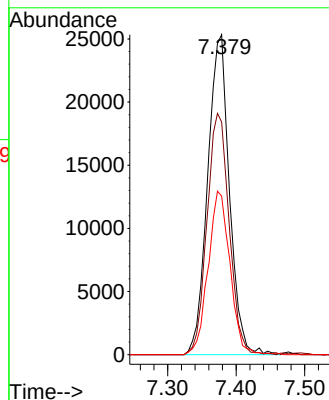
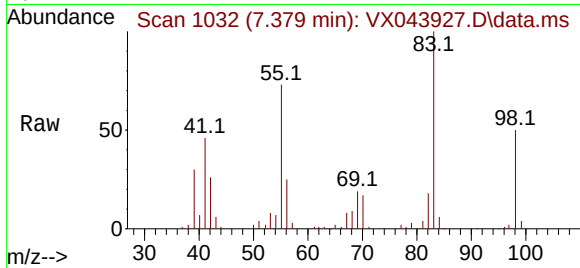
Tgt Ion: 83 Resp: 55958

Ion Ratio Lower Upper

83 100

55 72.7 63.1 94.7

98 49.5 40.0 60.0



#40

Benzene

Concen: 21.006 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX043927.D

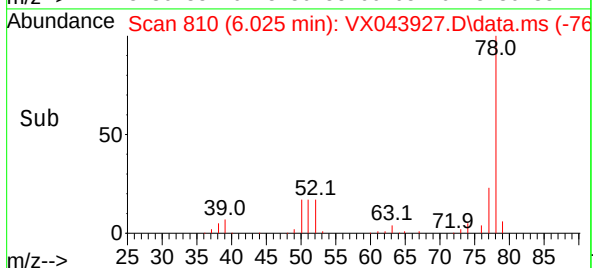
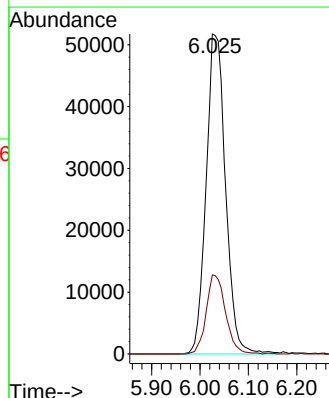
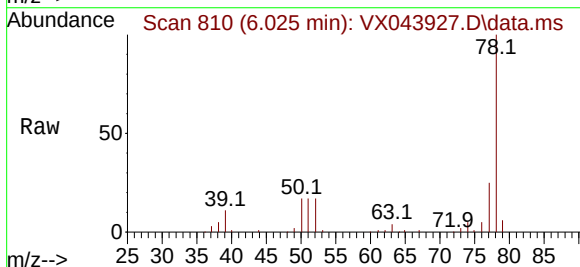
Acq: 21 Nov 2024 10:37

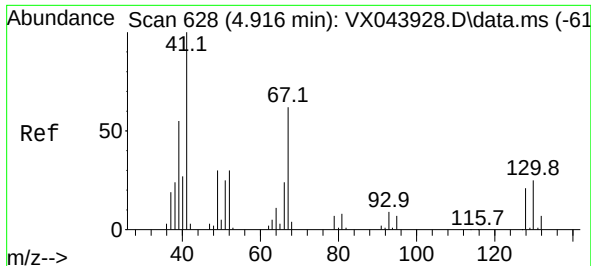
Tgt Ion: 78 Resp: 144401

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8

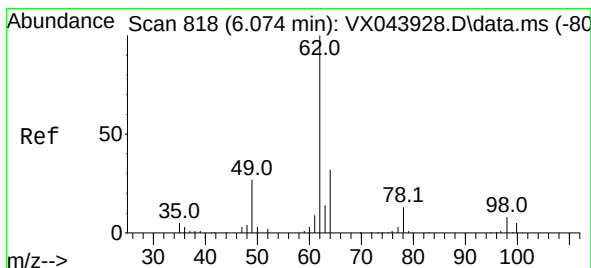
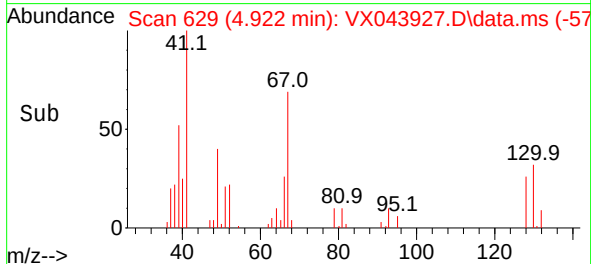
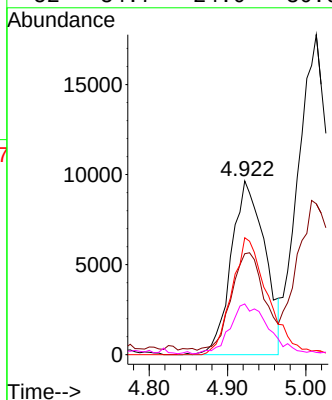
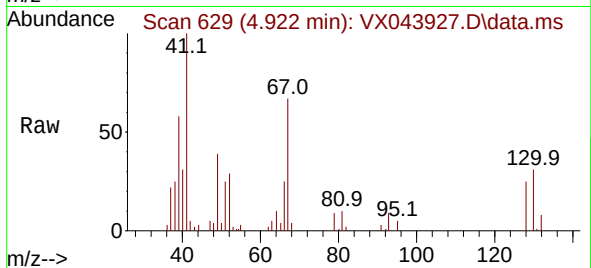




#41
Methacrylonitrile
Concen: 20.639 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

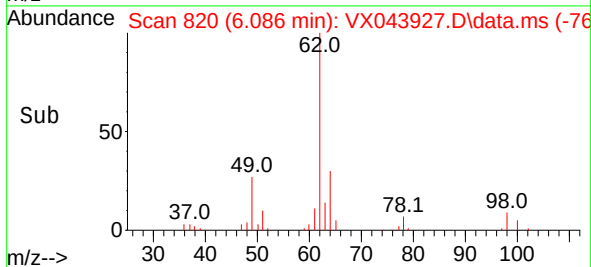
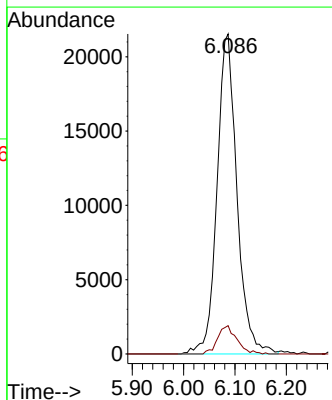
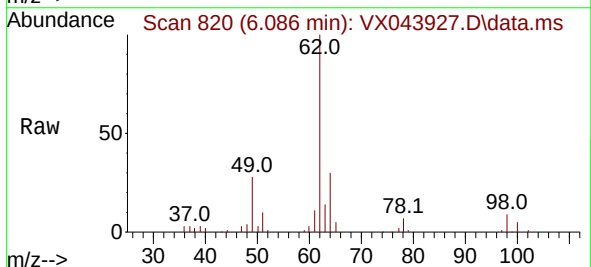
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

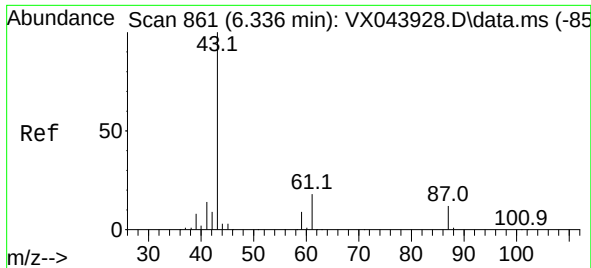
Tgt Ion:	41	Resp:	28938
Ion	Ratio	Lower	Upper
41	100		
39	55.1	41.7	62.5
67	72.7	55.8	83.8
52	34.7	24.0	36.0



#42
1,2-Dichloroethane
Concen: 21.001 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:	62	Resp:	57981
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.4





#43

Isopropyl Acetate

Concen: 20.318 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

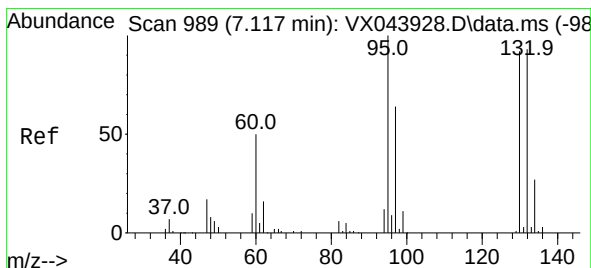
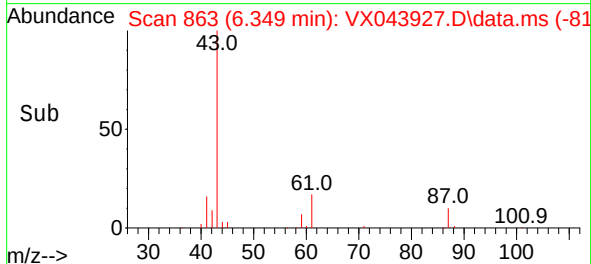
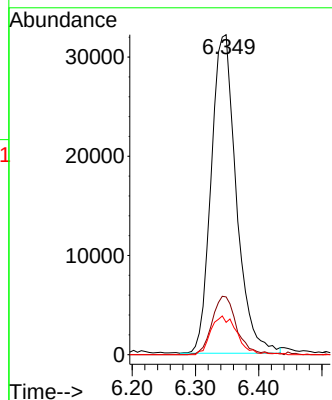
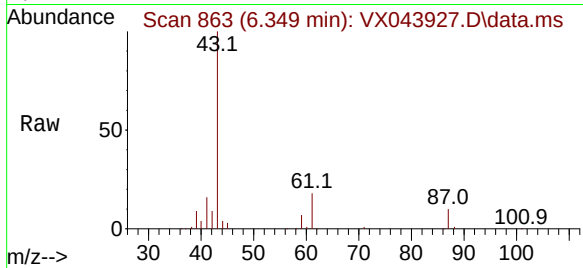
Tgt Ion: 43 Resp: 88577

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

87 12.6 10.2 15.2



#44

Trichloroethene

Concen: 18.726 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX043927.D

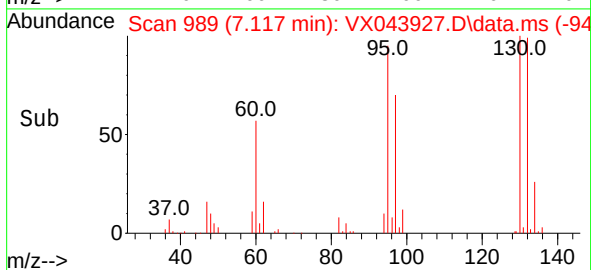
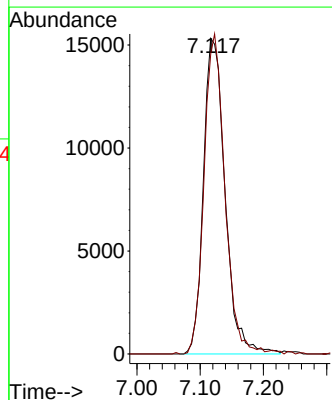
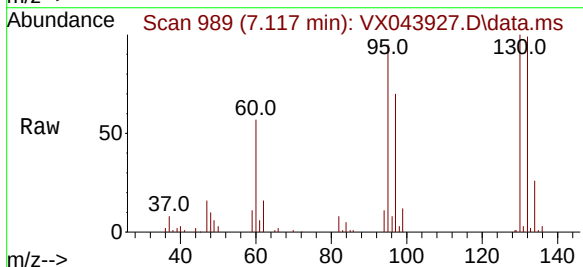
Acq: 21 Nov 2024 10:37

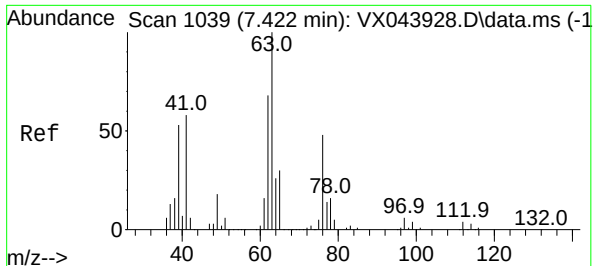
Tgt Ion:130 Resp: 36440

Ion Ratio Lower Upper

130 100

95 95.2 0.0 217.8





#45

1,2-Dichloropropane

Concen: 21.258 ug/l

RT: 7.428 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

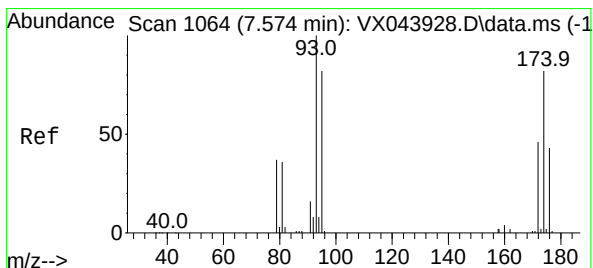
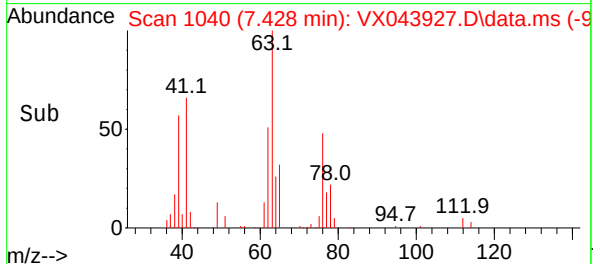
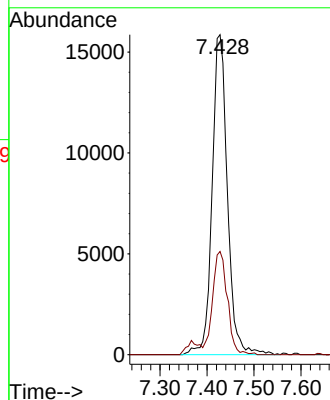
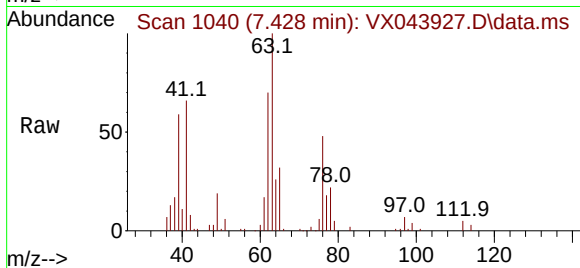
VSTDICC020

Tgt Ion: 63 Resp: 35791

Ion Ratio Lower Upper

63 100

65 32.2 23.8 35.6



#46

Dibromomethane

Concen: 20.873 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

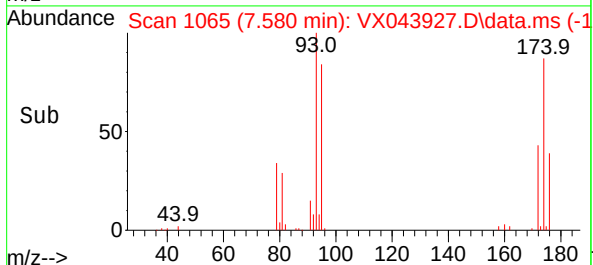
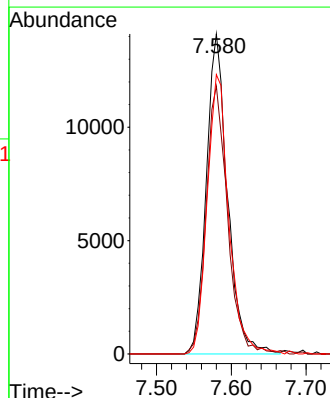
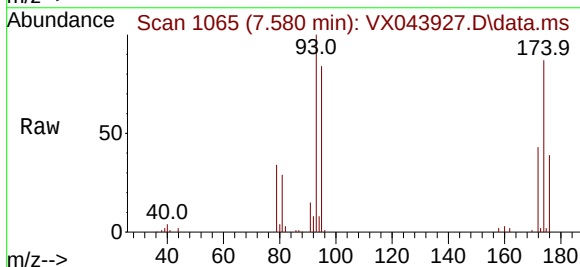
Tgt Ion: 93 Resp: 27799

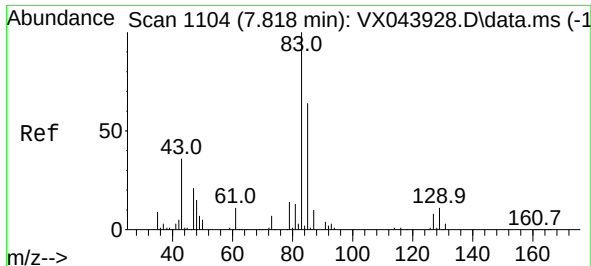
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 89.0 69.6 104.4

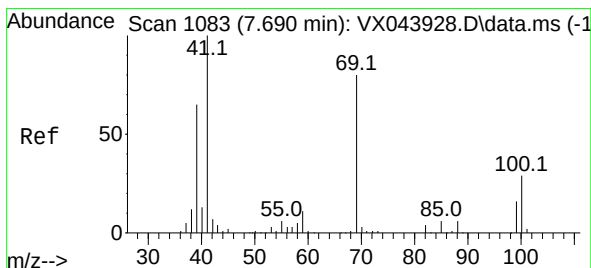
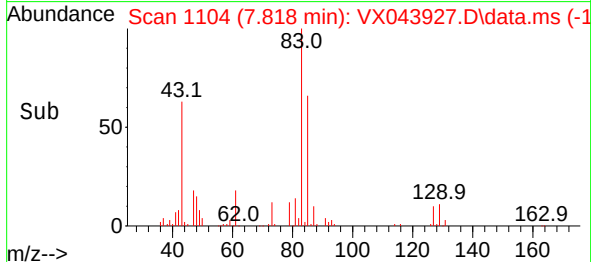
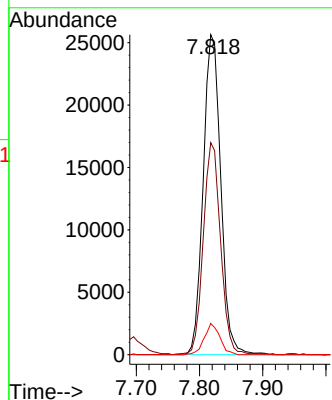
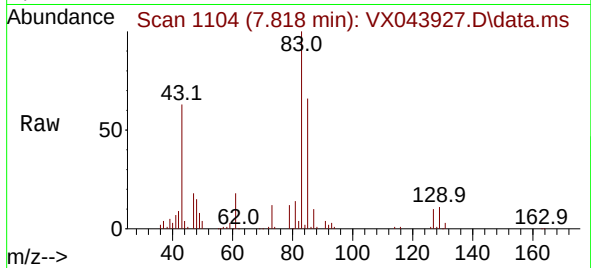




#47
Bromodichloromethane
Concen: 20.792 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

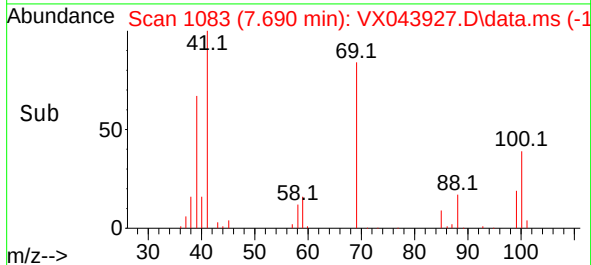
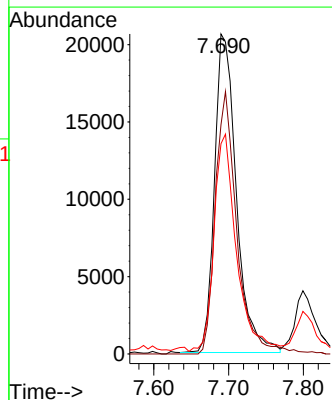
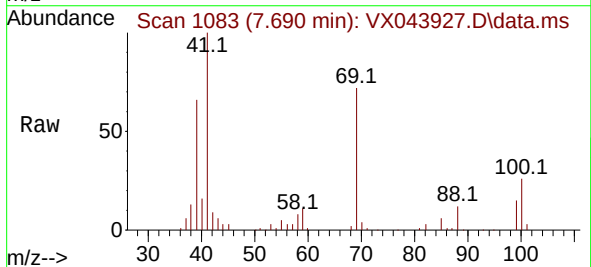
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

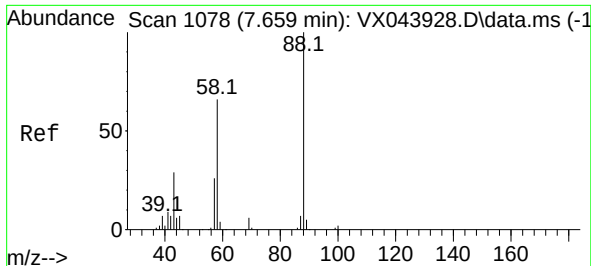
Tgt Ion: 83 Resp: 49665
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.0
127 9.7 6.6 10.0



#48
Methyl methacrylate
Concen: 20.059 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 41 Resp: 41962
Ion Ratio Lower Upper
41 100
69 81.5 64.6 97.0
39 69.6 53.3 79.9

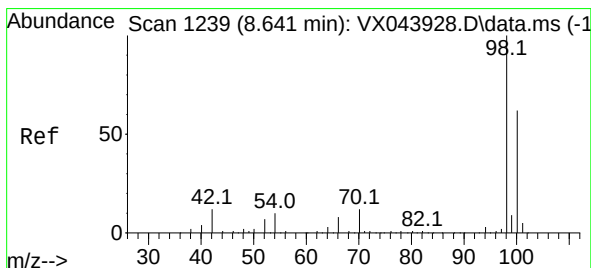
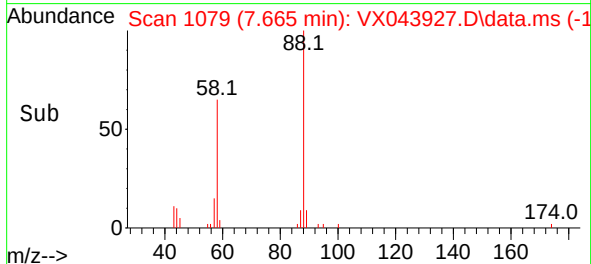
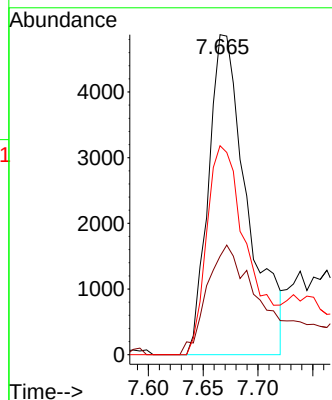
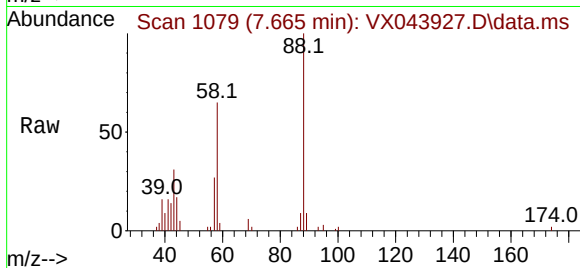




#49
1,4-Dioxane
Concen: 334.681 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

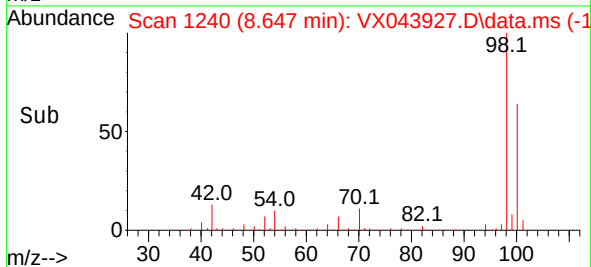
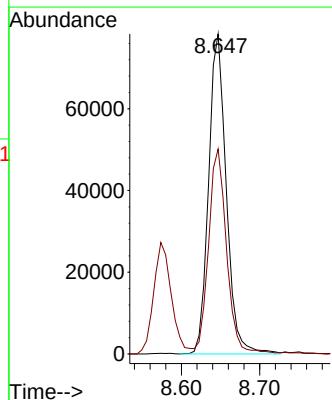
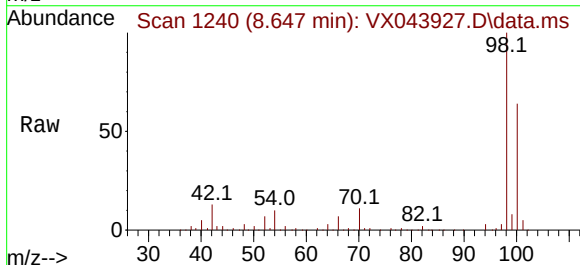
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

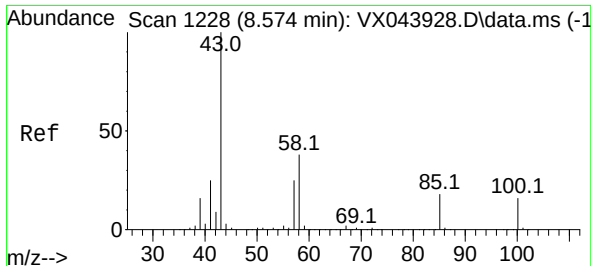
Tgt Ion: 88 Resp: 12071
Ion Ratio Lower Upper
88 100
43 52.5 26.8 40.2#
58 69.7 45.4 68.2#



#50
Toluene-d8
Concen: 20.090 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 98 Resp: 122646
Ion Ratio Lower Upper
98 100
100 63.8 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 104.673 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

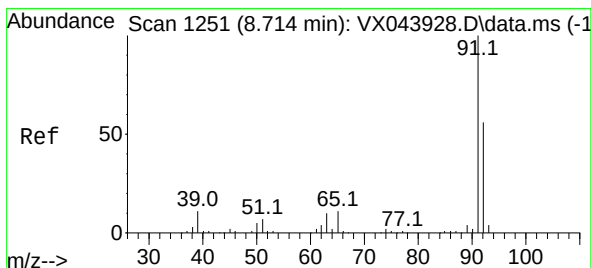
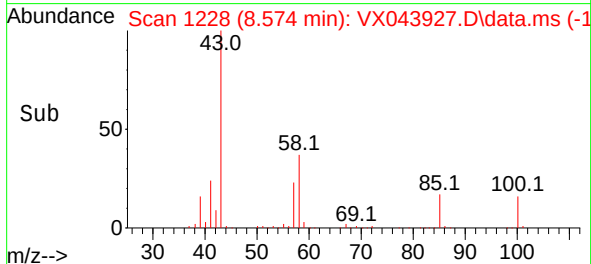
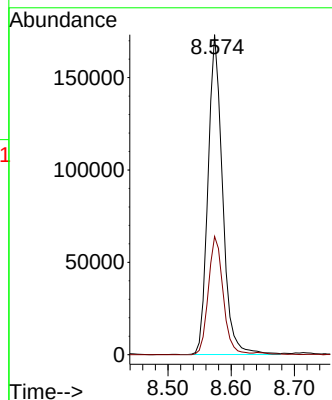
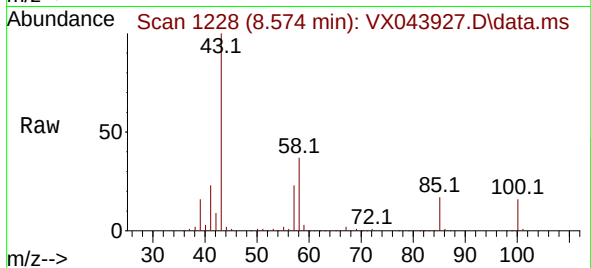
VSTDICC020

Tgt Ion: 43 Resp: 278479

Ion Ratio Lower Upper

43 100

58 37.6 30.0 45.0



#52

Toluene

Concen: 21.284 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043927.D

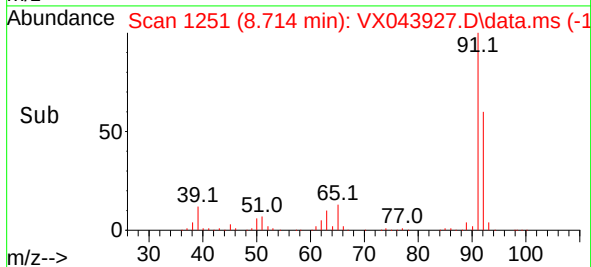
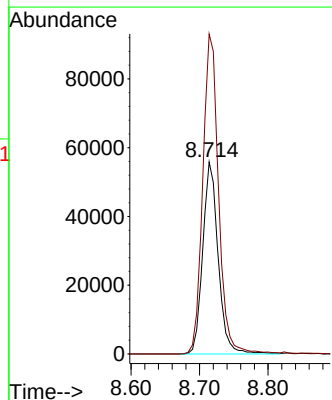
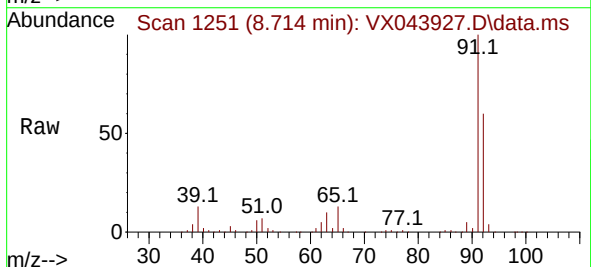
Acq: 21 Nov 2024 10:37

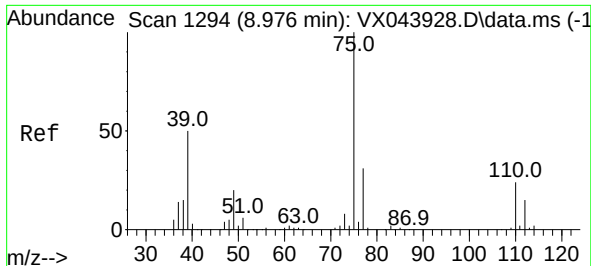
Tgt Ion: 92 Resp: 87569

Ion Ratio Lower Upper

92 100

91 171.0 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.648 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

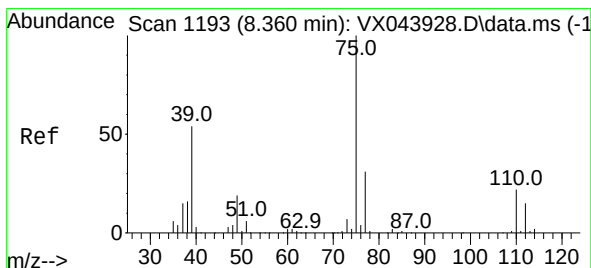
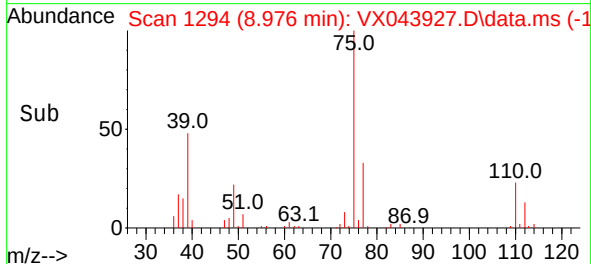
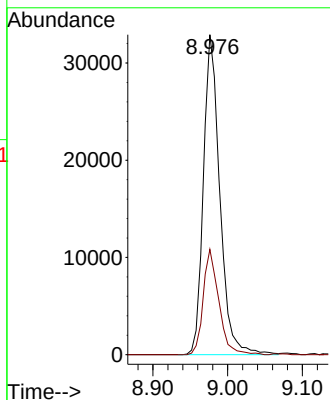
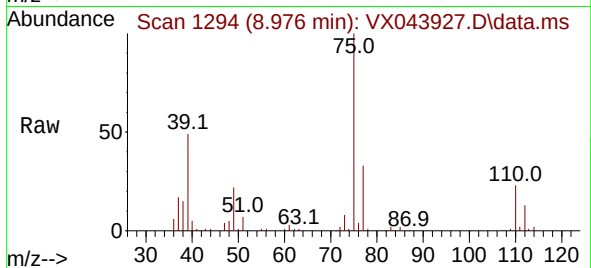
VSTDIC020

Tgt Ion: 75 Resp: 50294

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.124 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

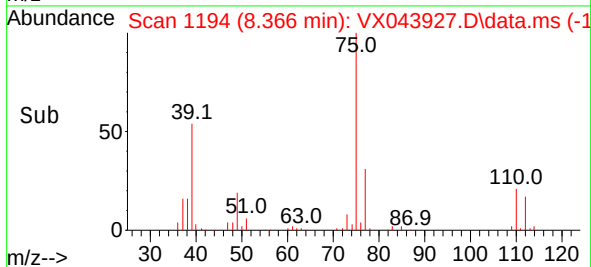
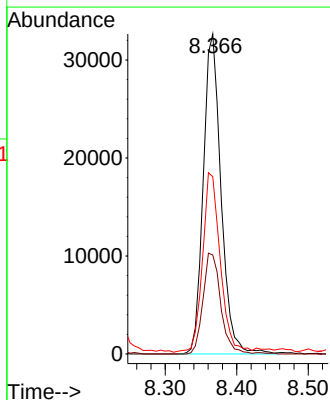
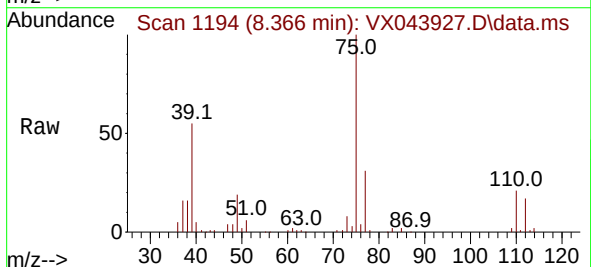
Tgt Ion: 75 Resp: 56407

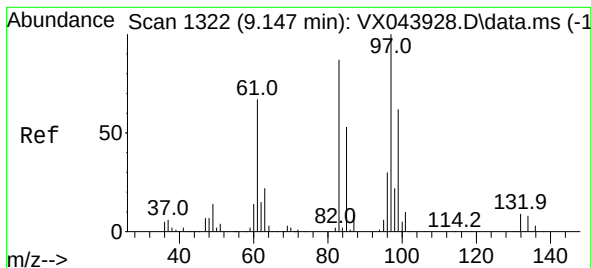
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 54.6 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 21.872 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 37148

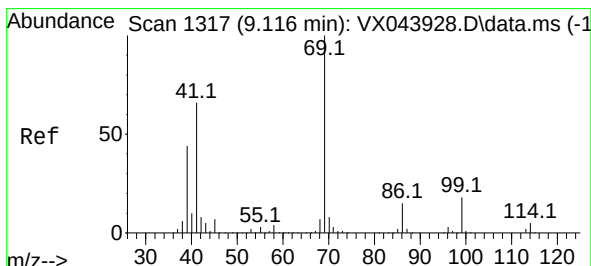
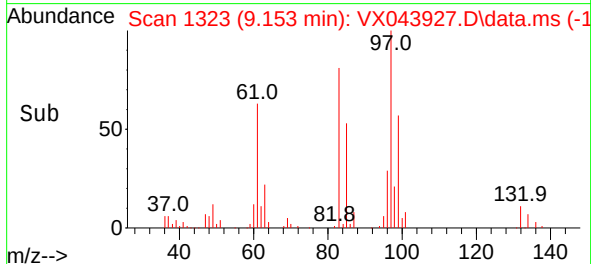
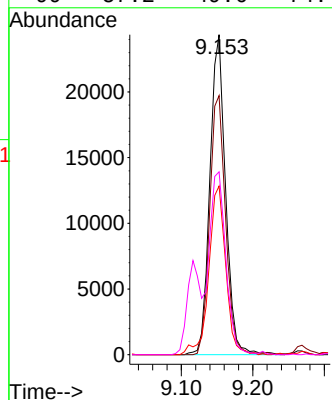
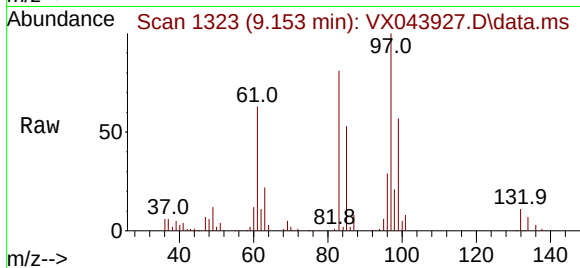
Ion Ratio Lower Upper

97 100

83 81.0 69.4 104.0

85 52.7 42.3 63.5

99 57.2 49.6 74.4



#56

Ethyl methacrylate

Concen: 21.390 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

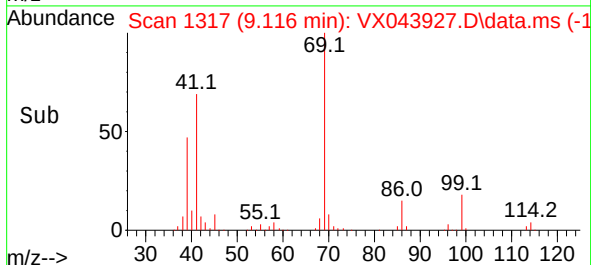
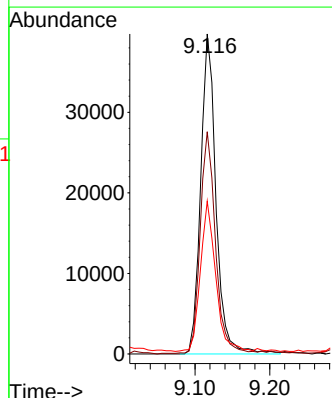
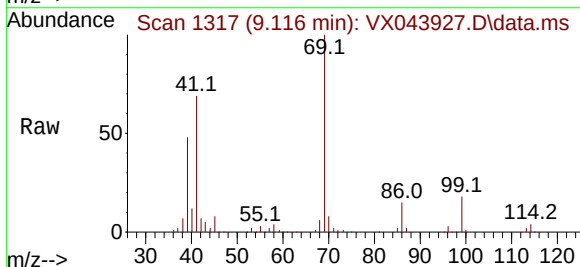
Tgt Ion: 69 Resp: 56585

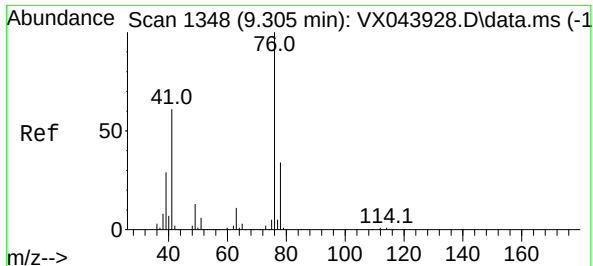
Ion Ratio Lower Upper

69 100

41 70.0 55.8 83.8

39 46.7 36.7 55.1

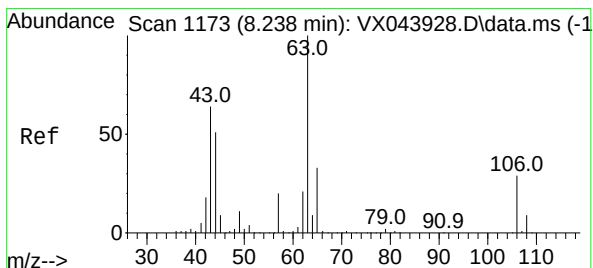
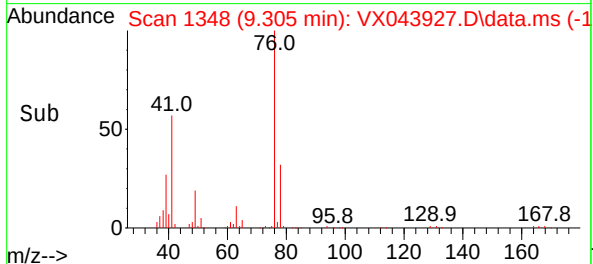
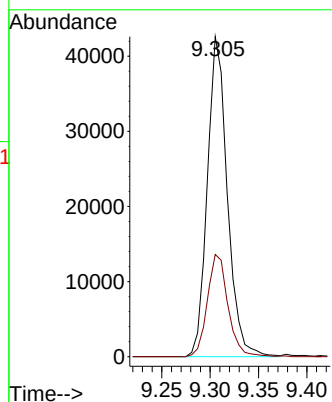
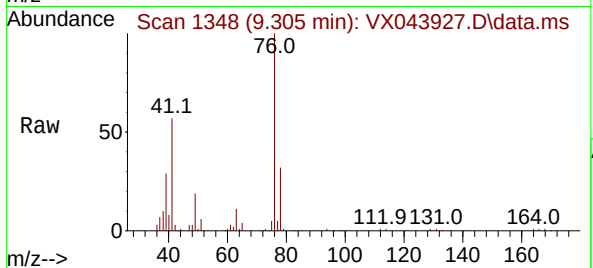




#57
1,3-Dichloropropane
Concen: 21.468 ug/l
RT: 9.305 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

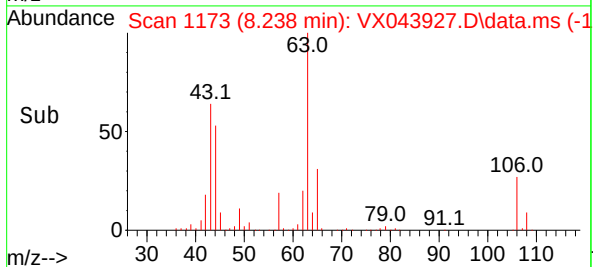
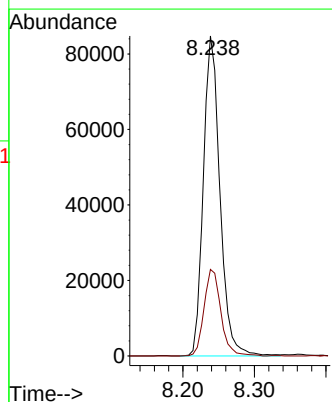
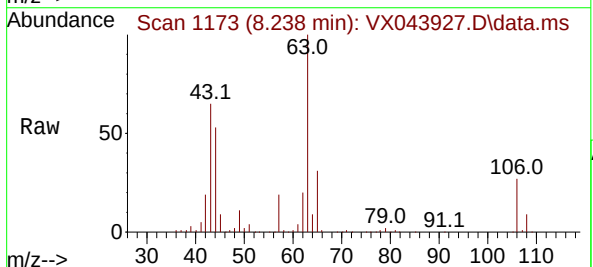
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

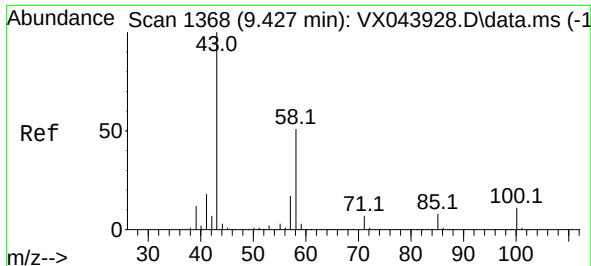
Tgt Ion: 76 Resp: 61420
Ion Ratio Lower Upper
76 100
78 33.0 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 93.712 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 63 Resp: 136842
Ion Ratio Lower Upper
63 100
106 27.4 23.0 34.6

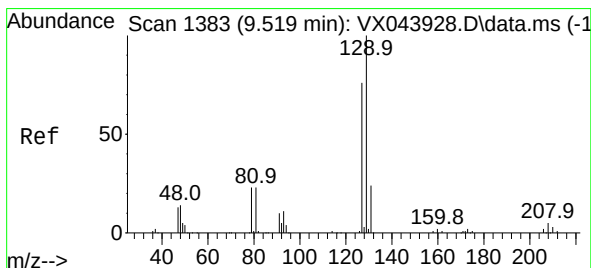
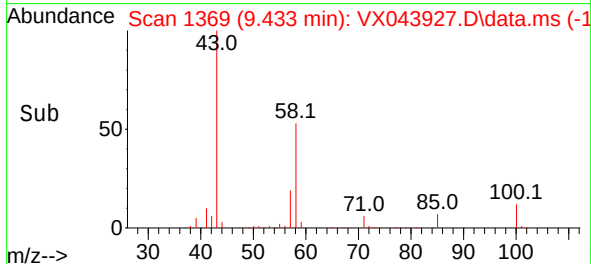
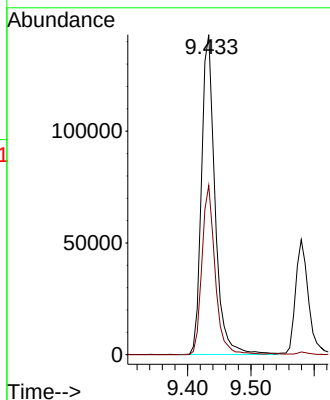
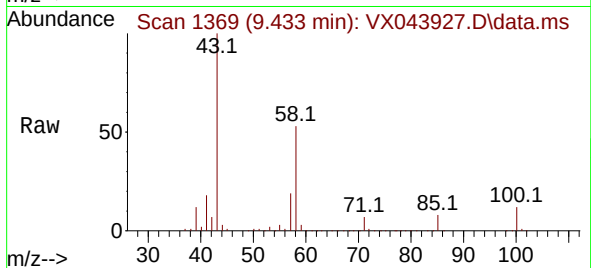




#59
2-Hexanone
Concen: 106.832 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

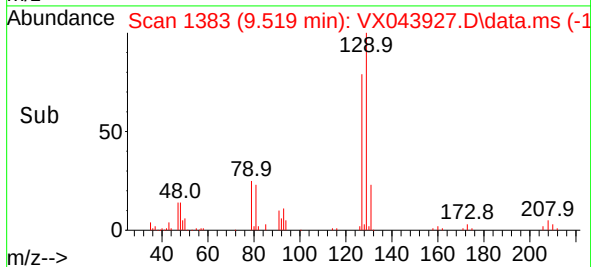
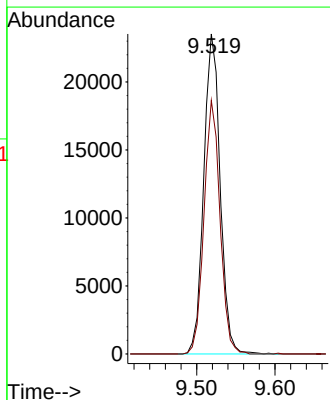
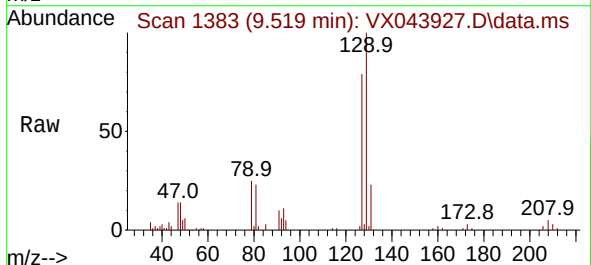
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

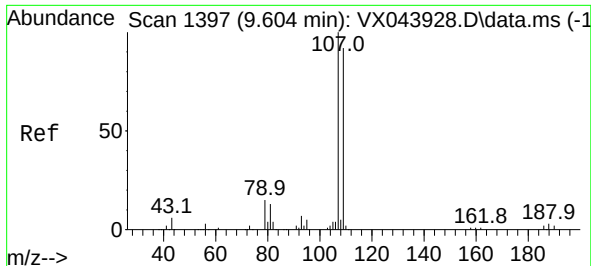
Tgt Ion: 43 Resp: 213629
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6



#60
Dibromochloromethane
Concen: 20.030 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:129 Resp: 34133
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 21.536 ug/l

RT: 9.610 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

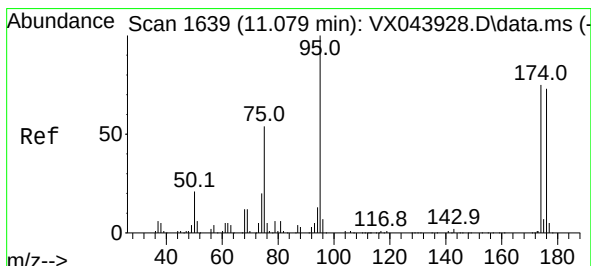
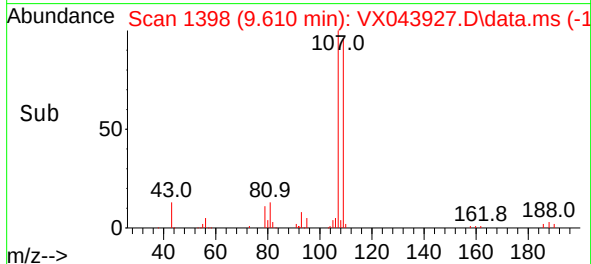
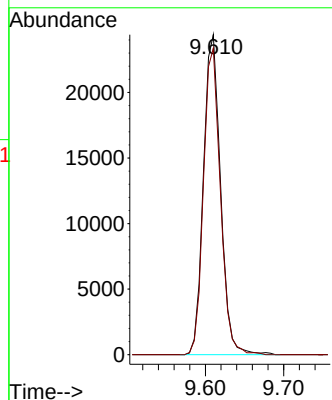
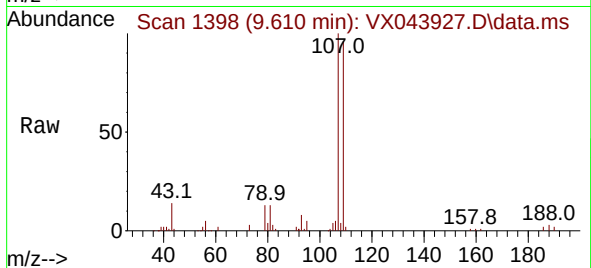
VSTDIC020

Tgt Ion:107 Resp: 36985

Ion Ratio Lower Upper

107 100

109 94.7 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 19.776 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

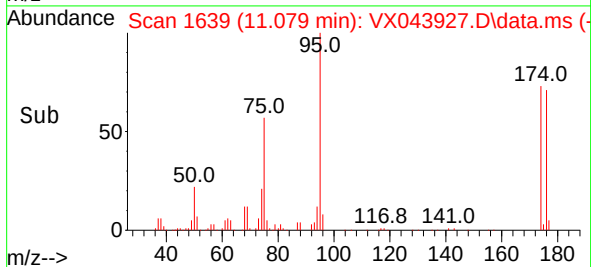
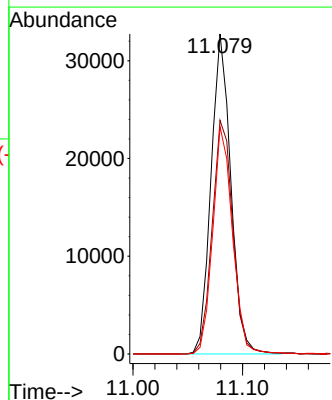
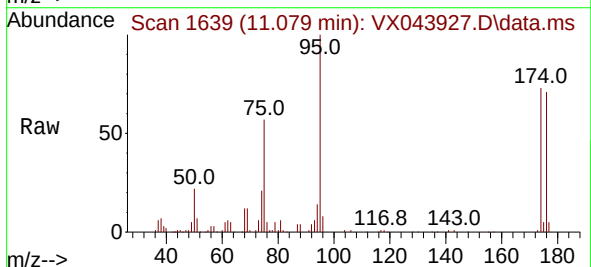
Tgt Ion: 95 Resp: 41087

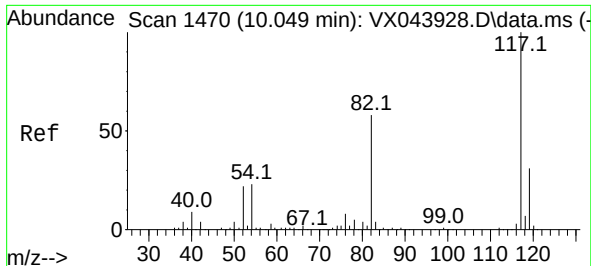
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

176 71.1 0.0 146.0

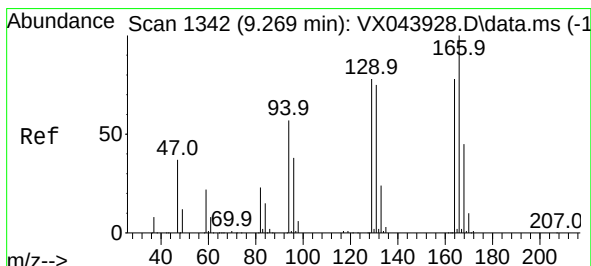
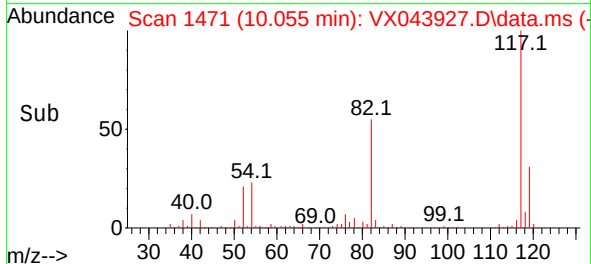
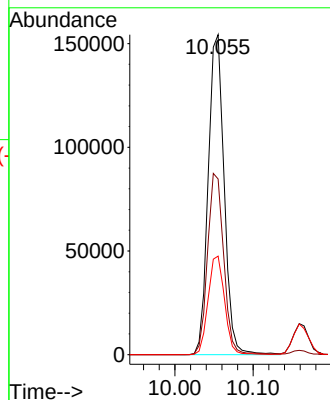
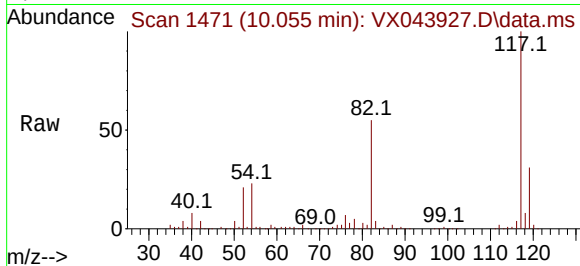




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

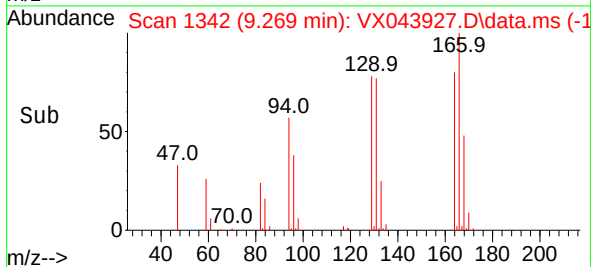
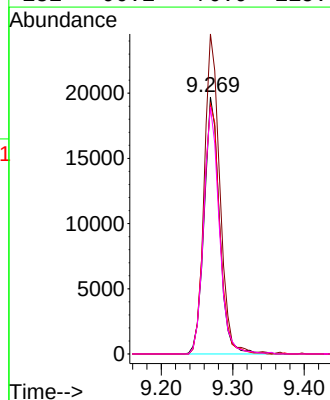
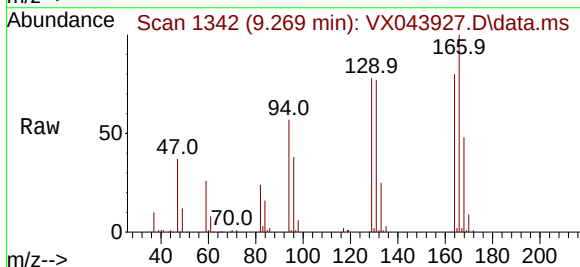
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

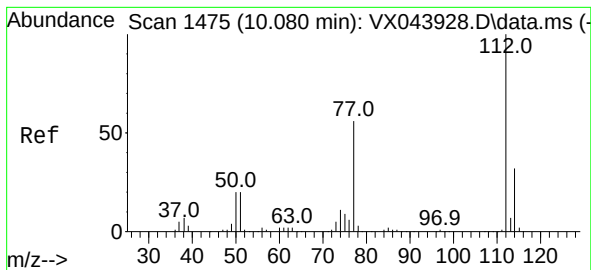
Tgt Ion:117 Resp: 217871
Ion Ratio Lower Upper
117 100
82 54.9 46.4 69.6
119 30.8 24.6 37.0



#64
Tetrachloroethene
Concen: 20.377 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:164 Resp: 29274
Ion Ratio Lower Upper
164 100
166 124.6 102.1 153.1
129 97.2 79.6 119.4
131 96.1 76.9 115.3

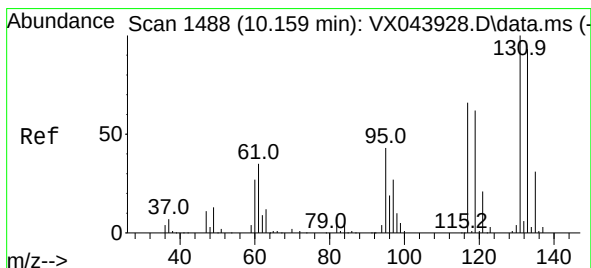
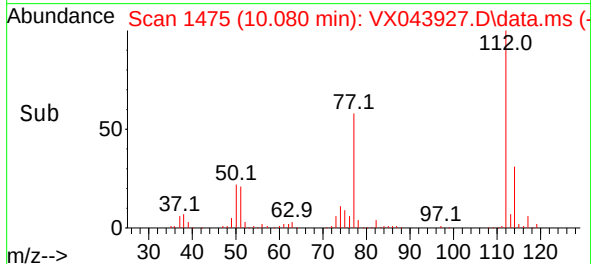
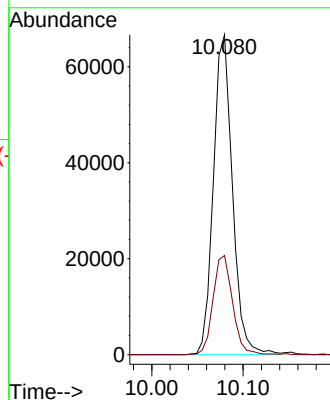
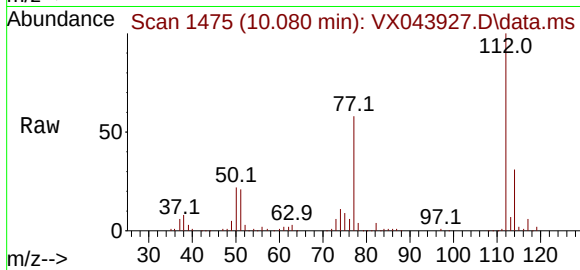




#65
Chlorobenzene
Concen: 20.160 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

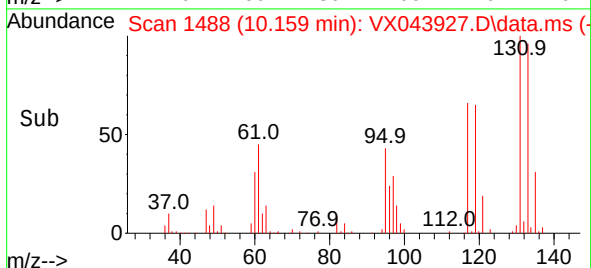
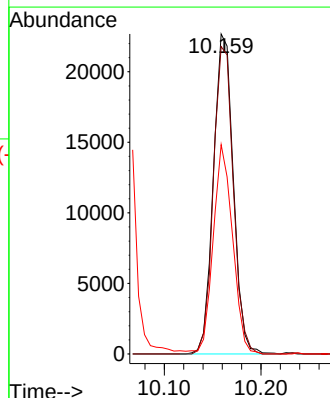
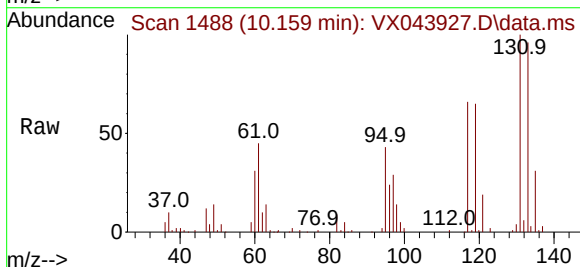
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

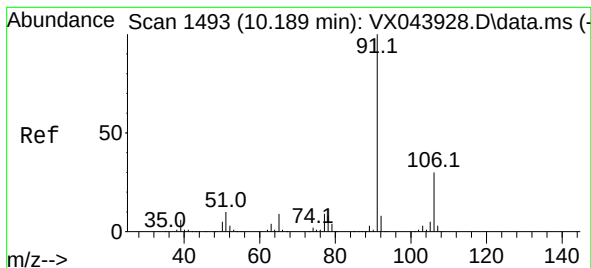
Tgt Ion:112 Resp: 96469
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.848 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:131 Resp: 32353
Ion Ratio Lower Upper
131 100
133 96.2 48.2 144.6
119 63.7 31.5 94.5





#67

Ethyl Benzene

Concen: 20.527 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

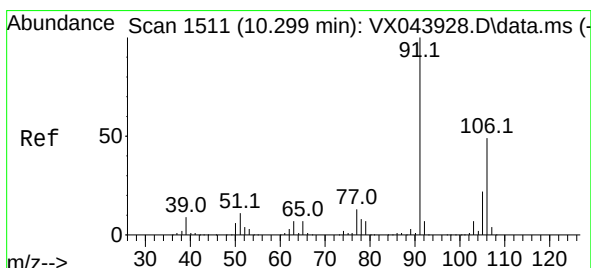
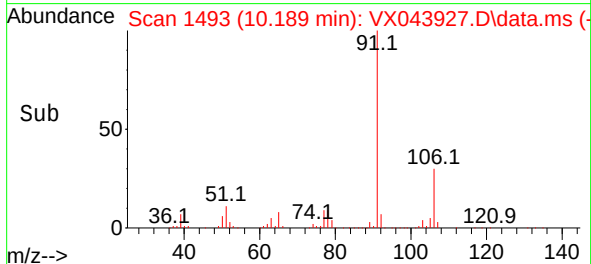
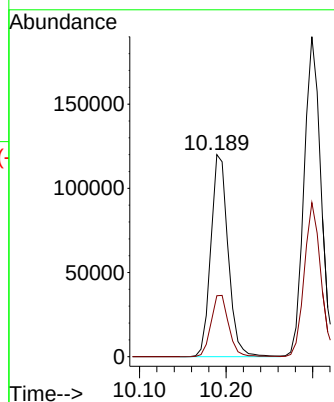
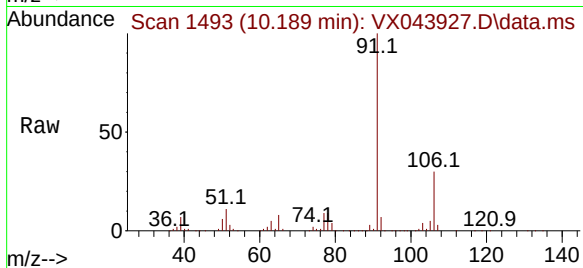
VSTDICC020

Tgt Ion: 91 Resp: 166435

Ion Ratio Lower Upper

91 100

106 30.1 23.6 35.4



#68

m/p-Xylenes

Concen: 40.565 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043927.D

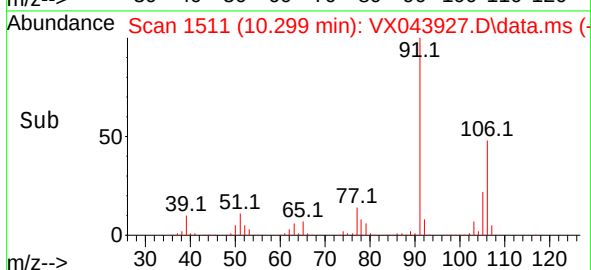
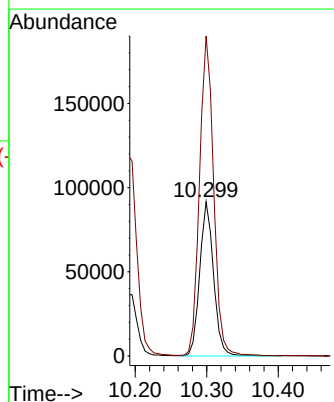
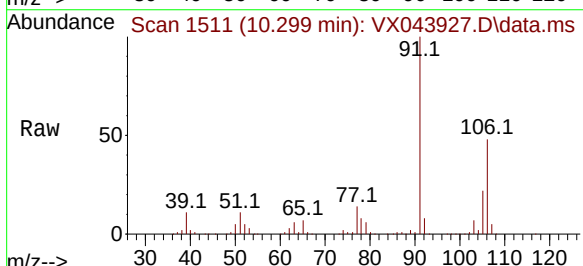
Acq: 21 Nov 2024 10:37

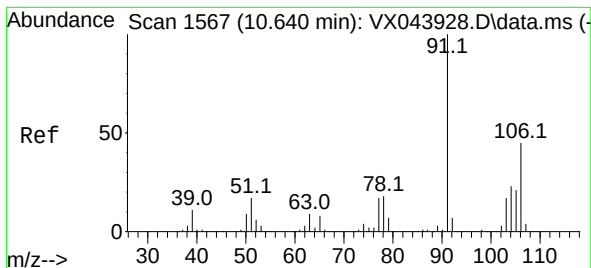
Tgt Ion:106 Resp: 122658

Ion Ratio Lower Upper

106 100

91 211.9 168.1 252.1

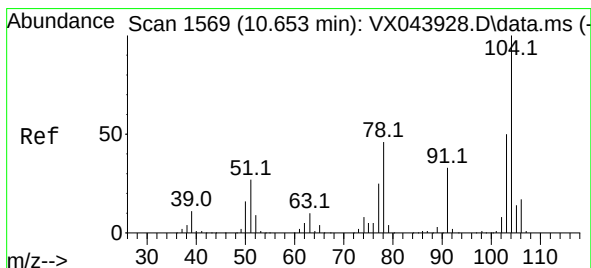
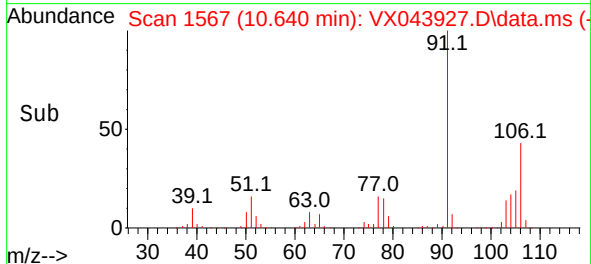
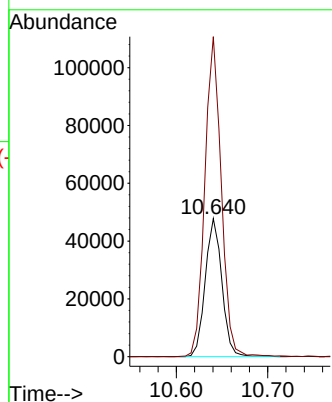
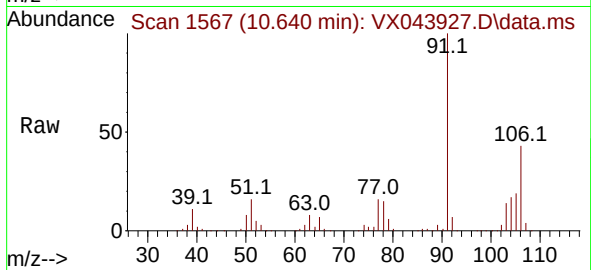




#69
o-Xylene
Concen: 20.409 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

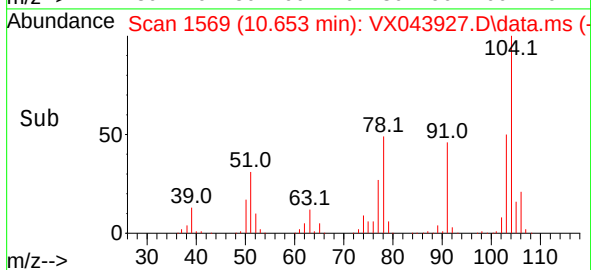
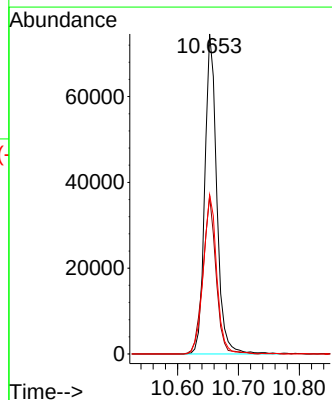
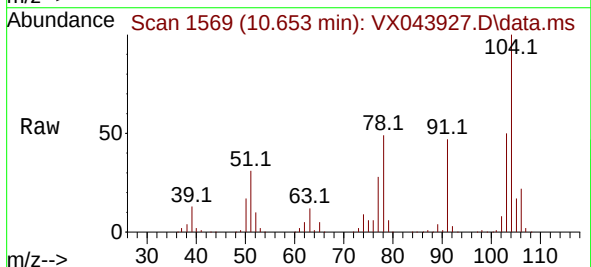
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

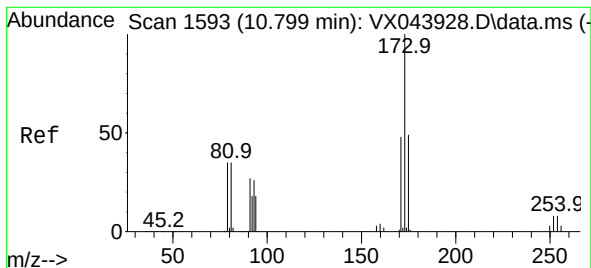
Tgt Ion:106 Resp: 60254
Ion Ratio Lower Upper
106 100
91 229.5 110.2 330.6



#70
Styrene
Concen: 20.956 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion:104 Resp: 102329
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.2
103 55.5 44.7 67.1





#71

Bromoform

Concen: 17.792 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

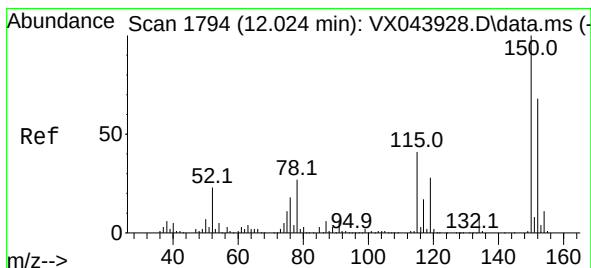
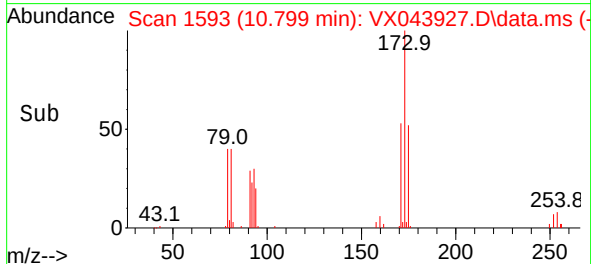
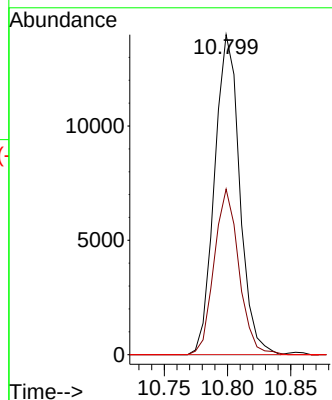
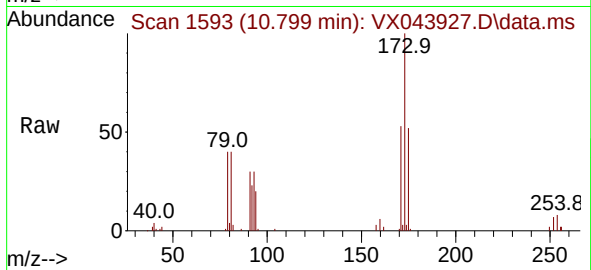
Tgt Ion:173 Resp: 19329

Ion Ratio Lower Upper

173 100

175 51.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

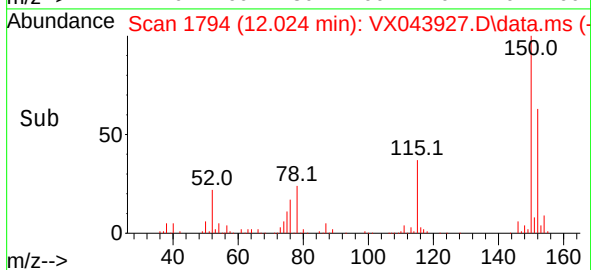
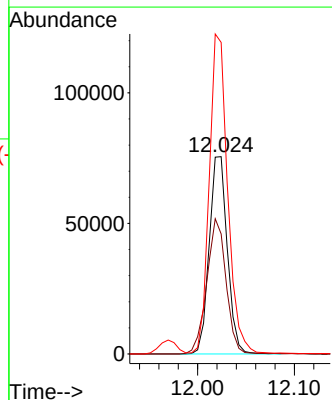
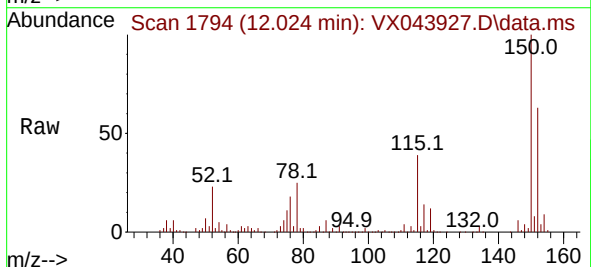
Tgt Ion:152 Resp: 98477

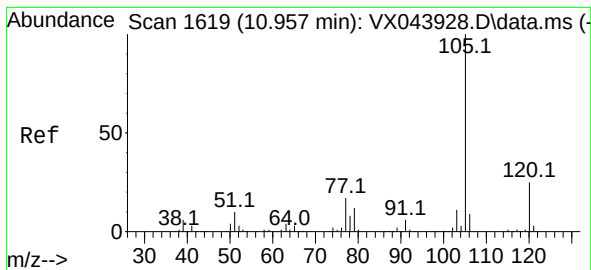
Ion Ratio Lower Upper

152 100

115 73.0 45.4 136.2

150 165.0 0.0 353.0





#73

Isopropylbenzene

Concen: 20.794 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

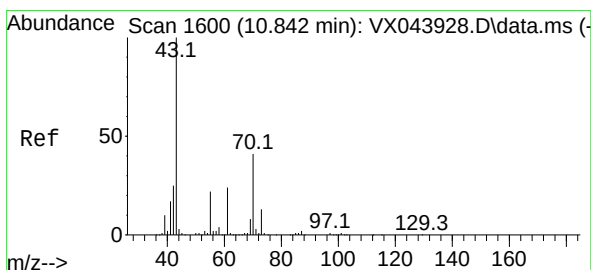
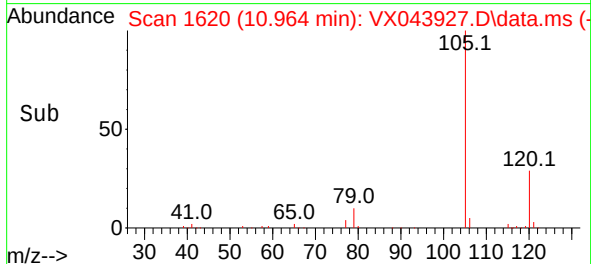
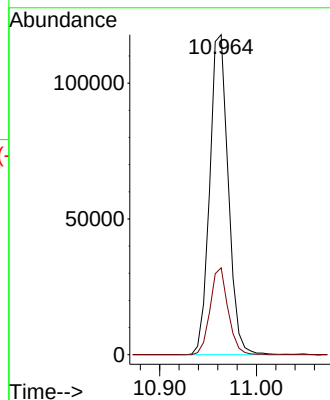
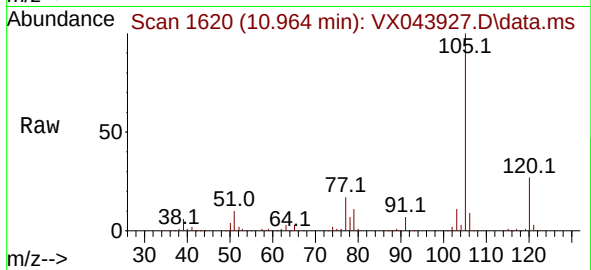
VSTDIC020

Tgt Ion:105 Resp: 157405

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 20.967 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion: 43 Resp: 73525

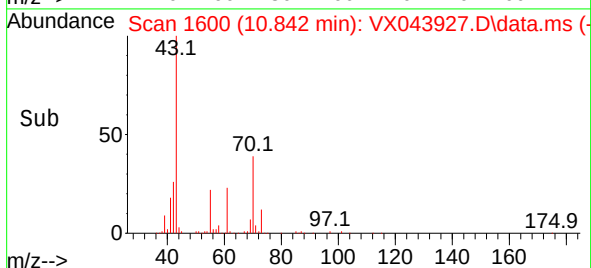
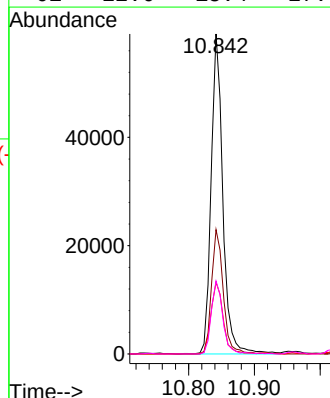
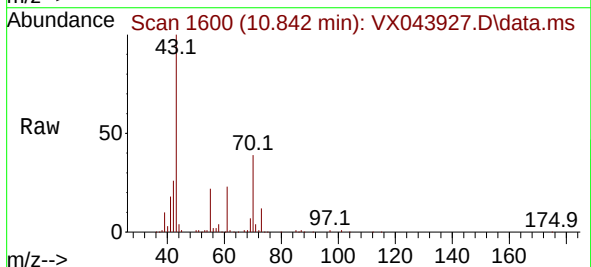
Ion Ratio Lower Upper

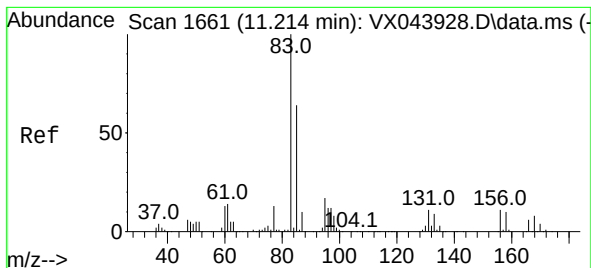
43 100

70 39.1 32.2 48.2

55 23.3 18.1 27.1

61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.894 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

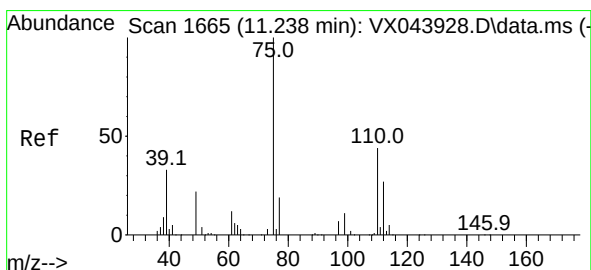
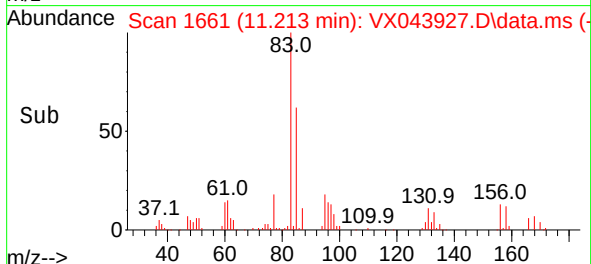
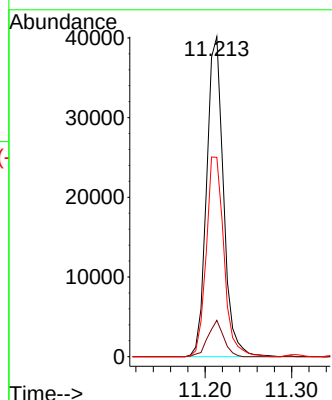
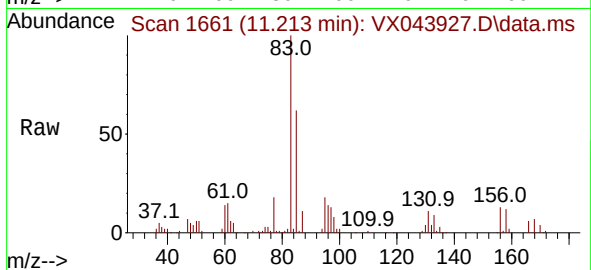
Tgt Ion: 83 Resp: 54158

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 65.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 27.659 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043927.D

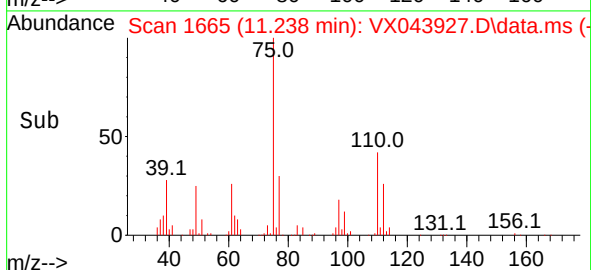
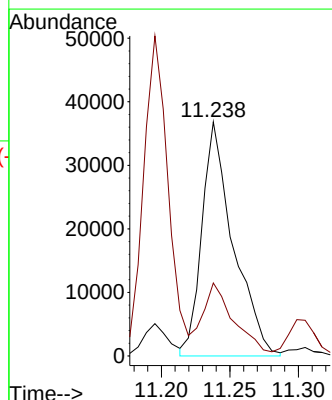
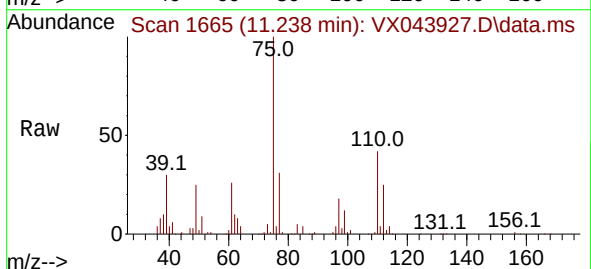
Acq: 21 Nov 2024 10:37

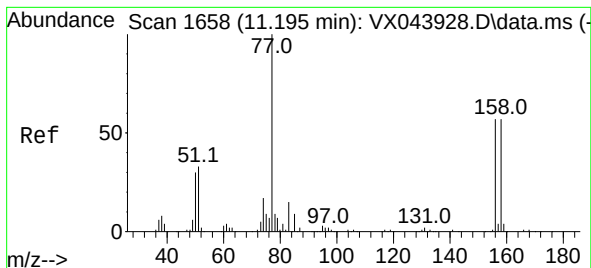
Tgt Ion: 75 Resp: 58738

Ion Ratio Lower Upper

75 100

77 31.6 21.8 65.3





#77

Bromobenzene

Concen: 20.839 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

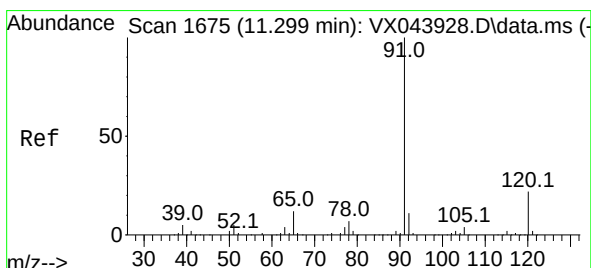
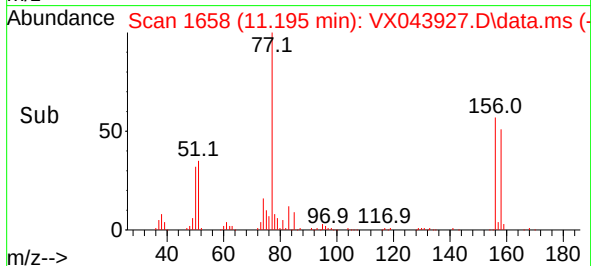
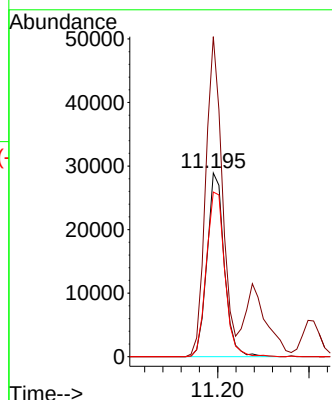
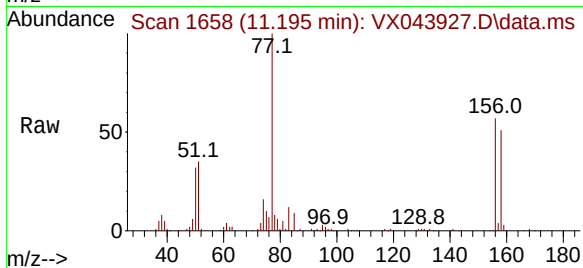
Tgt Ion:156 Resp: 37631

Ion Ratio Lower Upper

156 100

77 167.6 83.4 250.1

158 96.0 47.6 142.8



#78

n-propylbenzene

Concen: 20.821 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX043927.D

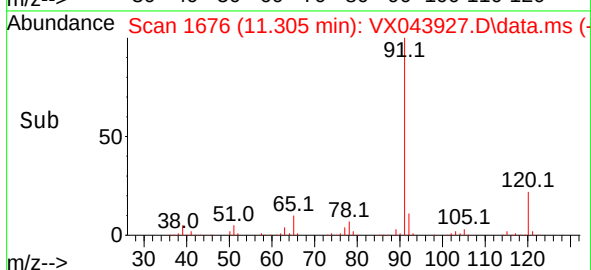
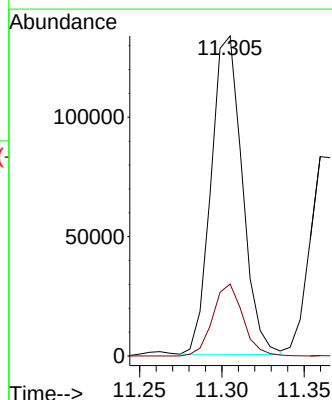
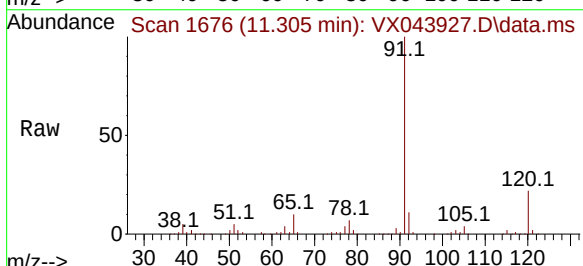
Acq: 21 Nov 2024 10:37

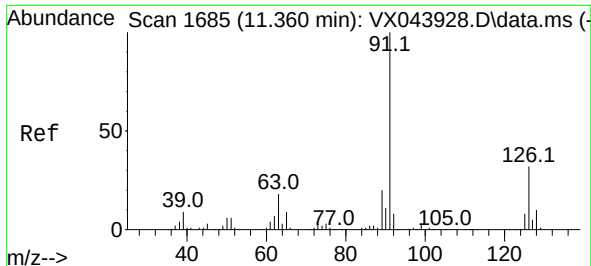
Tgt Ion: 91 Resp: 176034

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.134 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

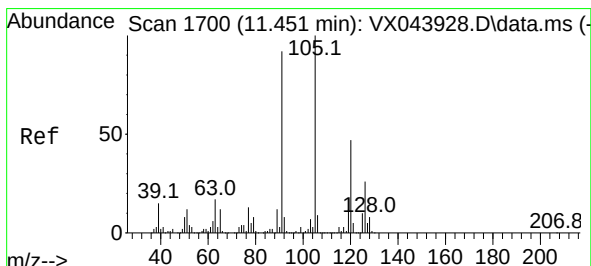
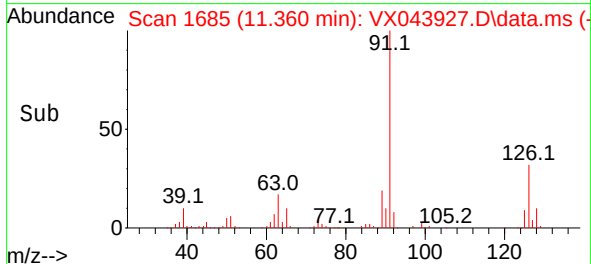
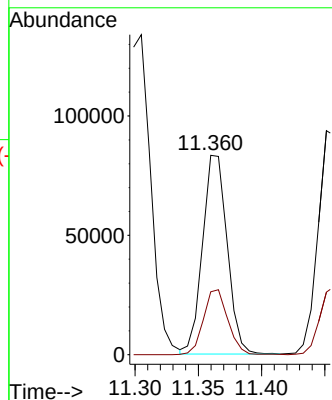
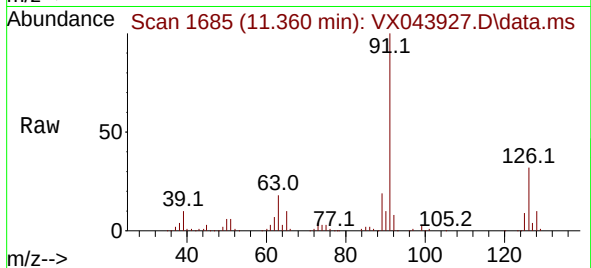
VSTDIC020

Tgt Ion: 91 Resp: 112986

Ion Ratio Lower Upper

91 100

126 32.4 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 21.202 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043927.D

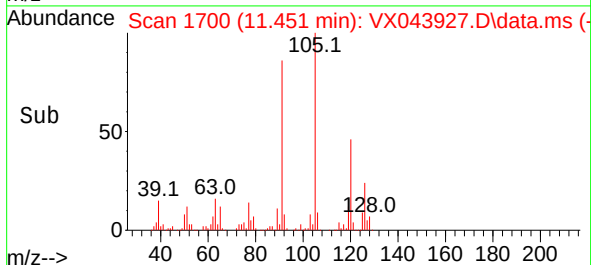
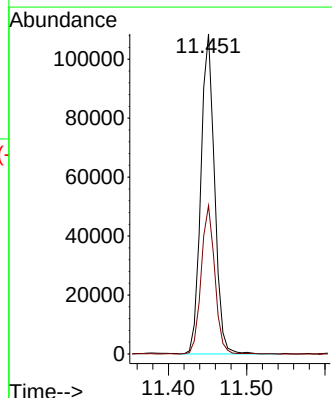
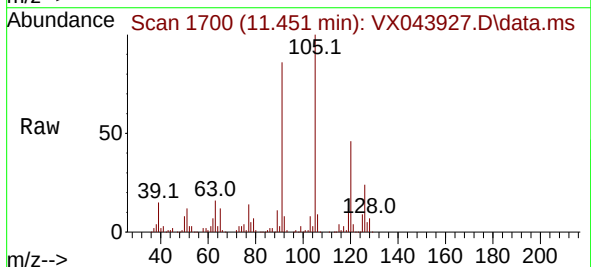
Acq: 21 Nov 2024 10:37

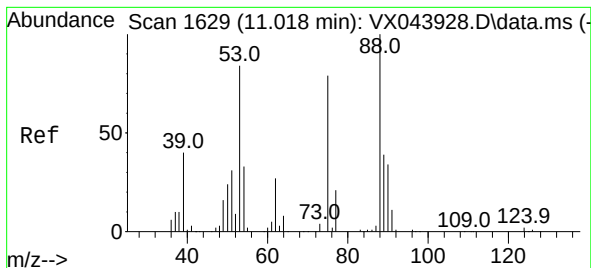
Tgt Ion:105 Resp: 132041

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8

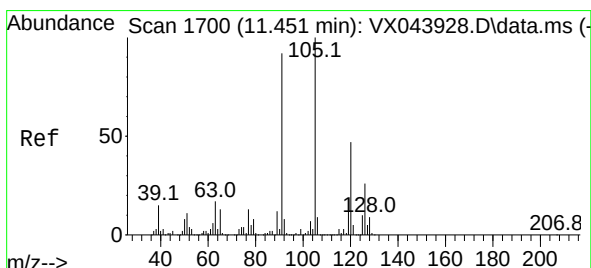
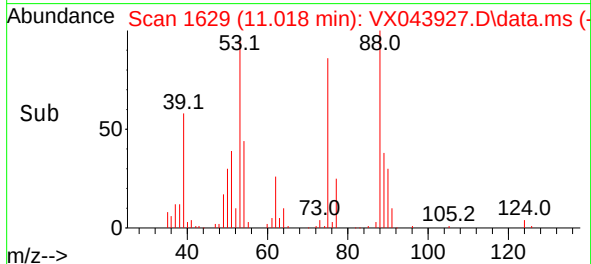
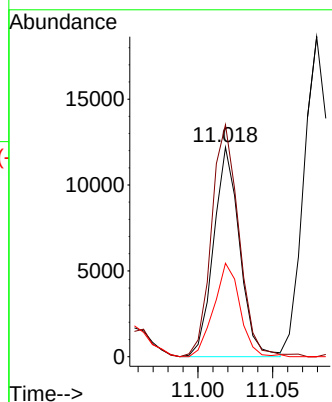
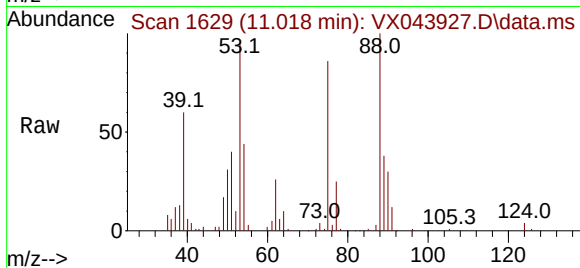




#81
trans-1,4-Dichloro-2-butene
Concen: 18.629 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

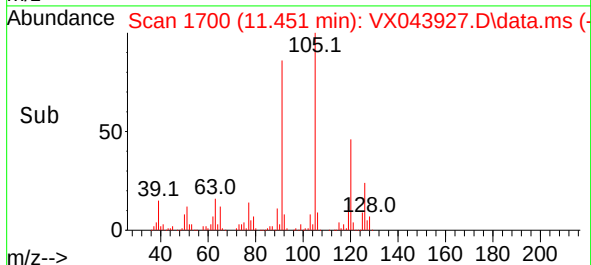
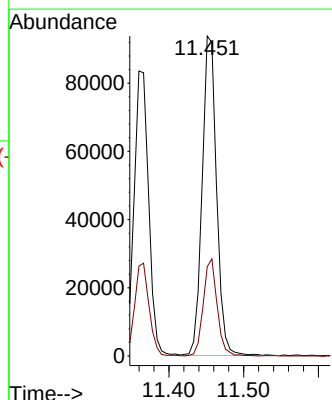
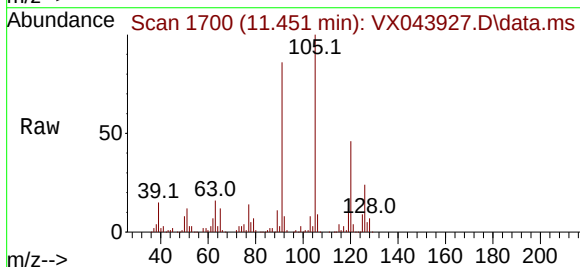
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

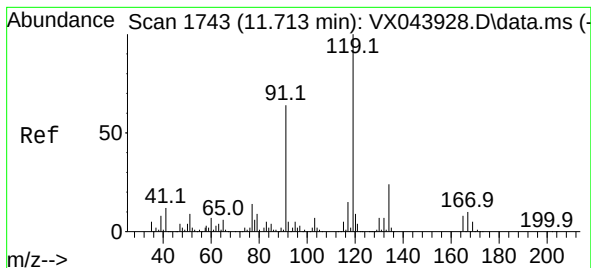
Tgt Ion: 75 Resp: 14743
Ion Ratio Lower Upper
75 100
53 116.9 86.7 130.1
89 44.8 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.797 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 91 Resp: 125521
Ion Ratio Lower Upper
91 100
126 29.2 14.3 42.9





#83

tert-Butylbenzene

Concen: 20.839 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

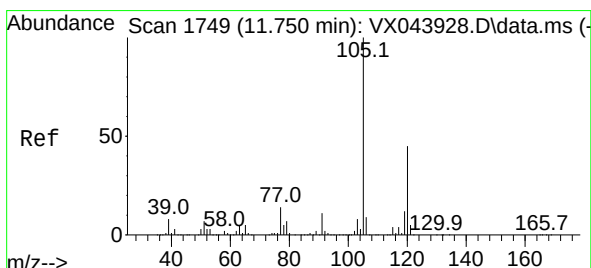
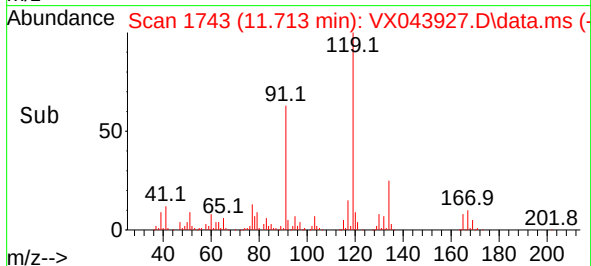
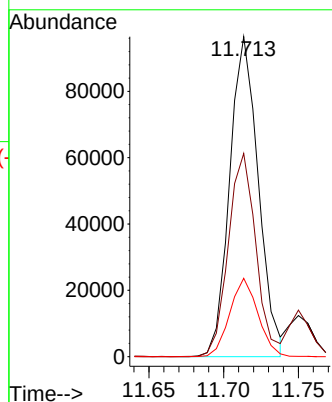
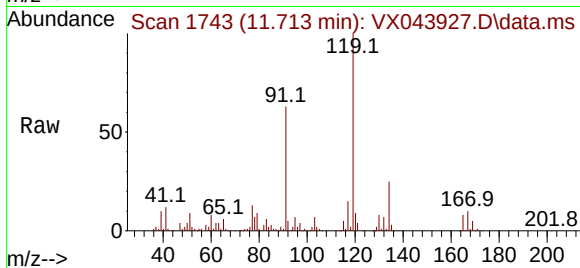
Tgt Ion:119 Resp: 128636

Ion Ratio Lower Upper

119 100

91 61.4 31.0 93.0

134 24.2 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 21.385 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043927.D

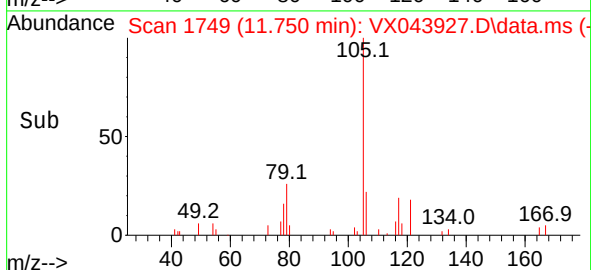
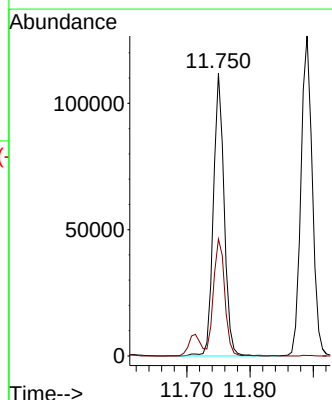
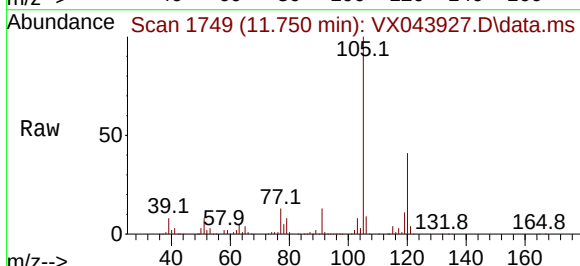
Acq: 21 Nov 2024 10:37

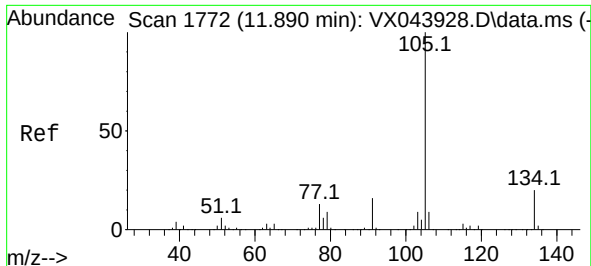
Tgt Ion:105 Resp: 132595

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.7





#85

sec-Butylbenzene

Concen: 20.668 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

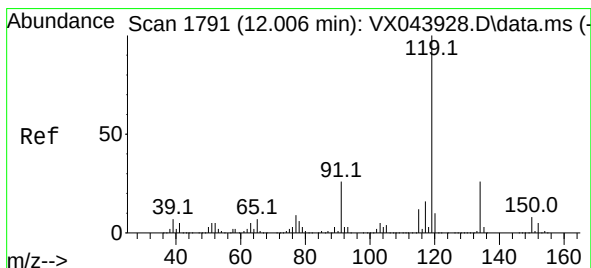
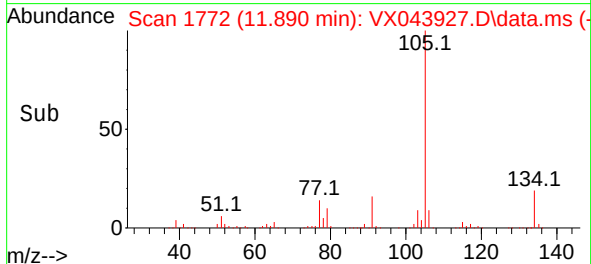
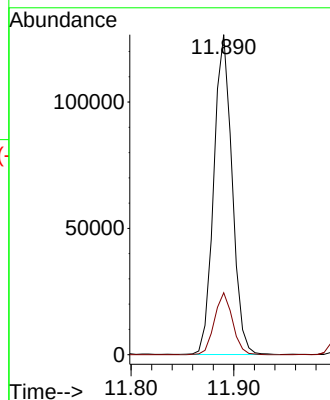
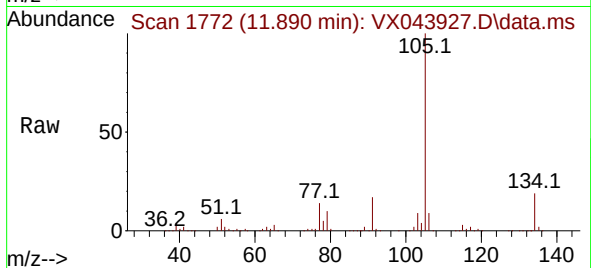
VSTDIC020

Tgt Ion:105 Resp: 156312

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1



#86

p-Isopropyltoluene

Concen: 21.260 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

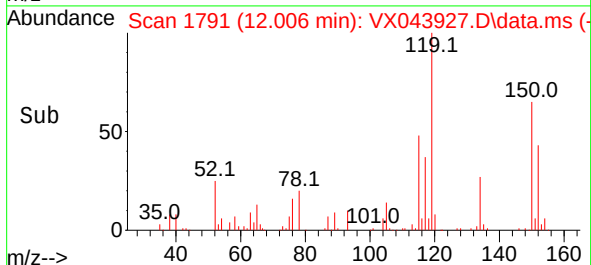
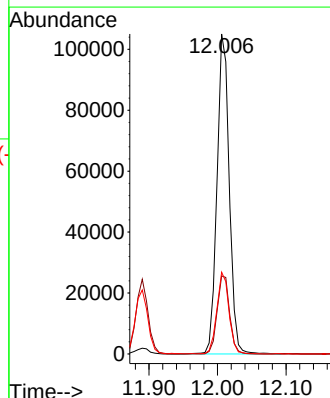
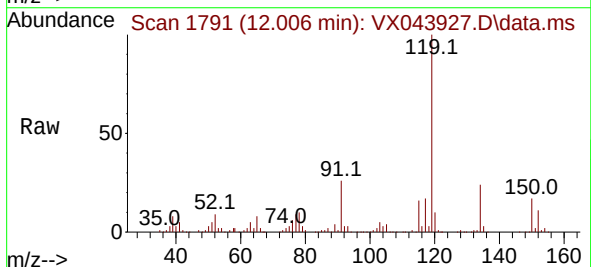
Tgt Ion:119 Resp: 130605

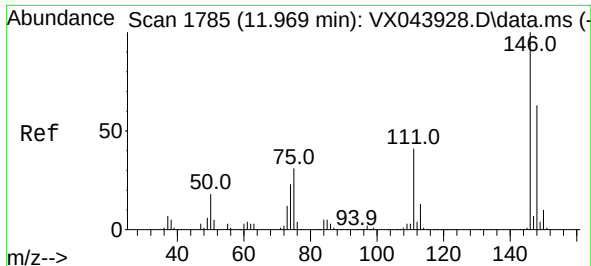
Ion Ratio Lower Upper

119 100

134 24.8 13.0 38.9

91 25.2 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.372 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

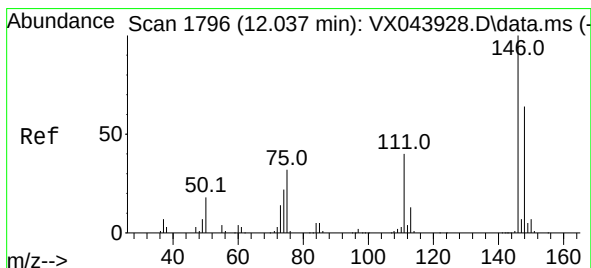
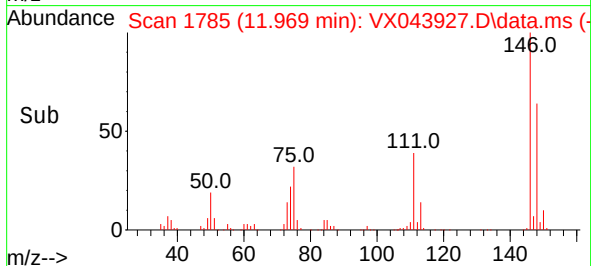
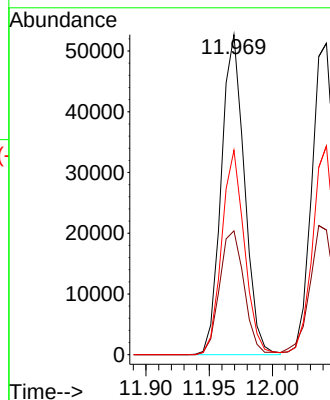
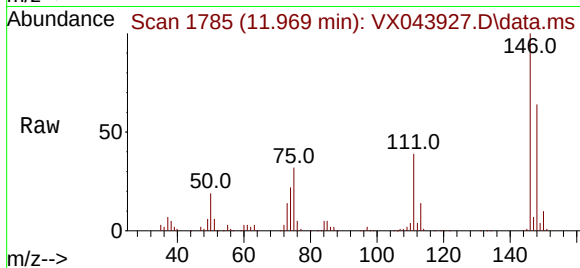
Tgt Ion:146 Resp: 67003

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.3

148 62.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.118 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

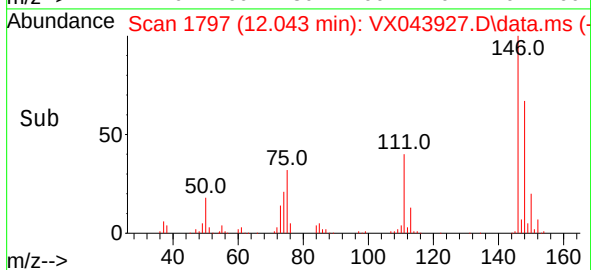
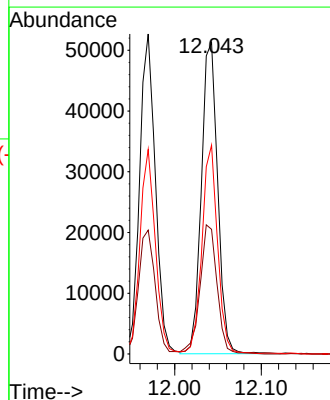
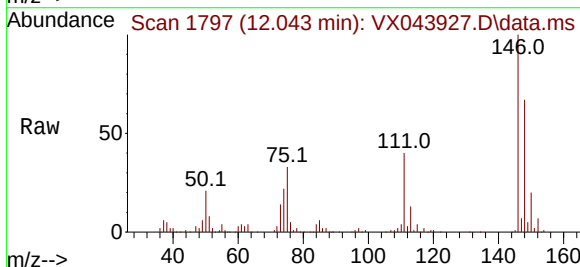
Tgt Ion:146 Resp: 67195

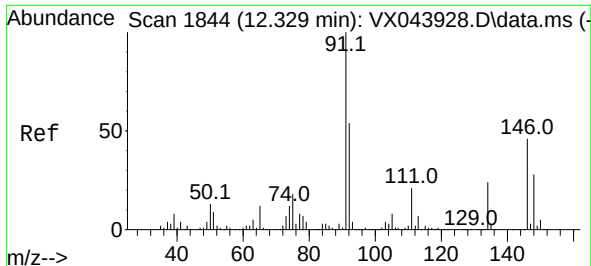
Ion Ratio Lower Upper

146 100

111 43.4 20.1 60.3

148 64.1 30.9 92.8





#89

n-Butylbenzene

Concen: 20.399 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

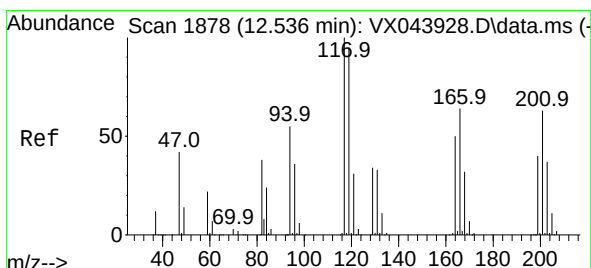
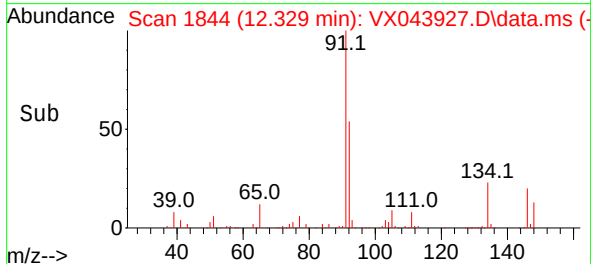
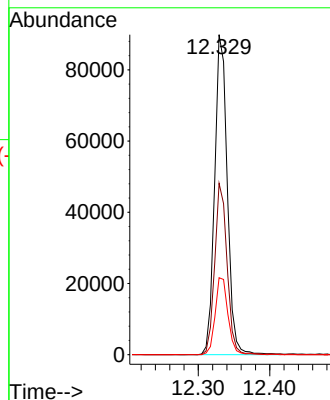
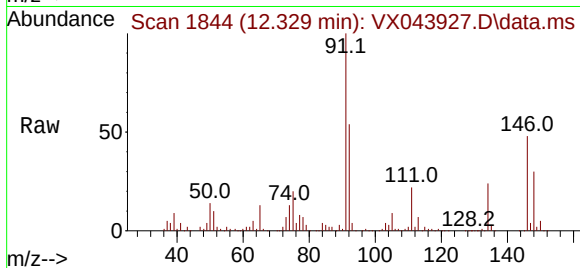
Tgt Ion: 91 Resp: 110491

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.8

134 24.4 12.4 37.2



#90

Hexachloroethane

Concen: 18.712 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043927.D

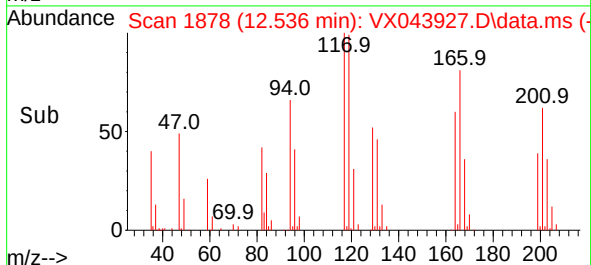
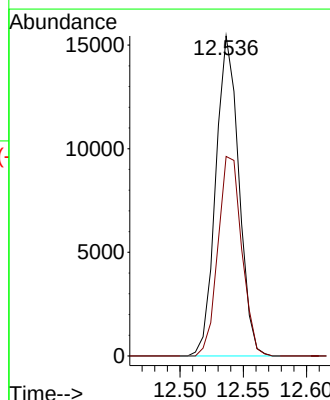
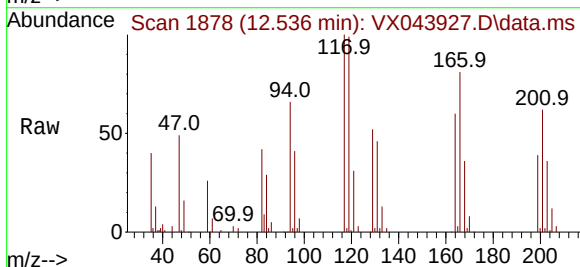
Acq: 21 Nov 2024 10:37

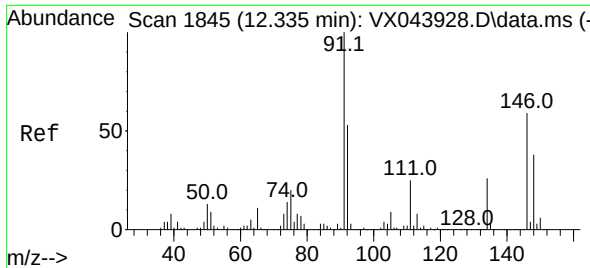
Tgt Ion: 117 Resp: 19547

Ion Ratio Lower Upper

117 100

201 64.5 32.4 97.0

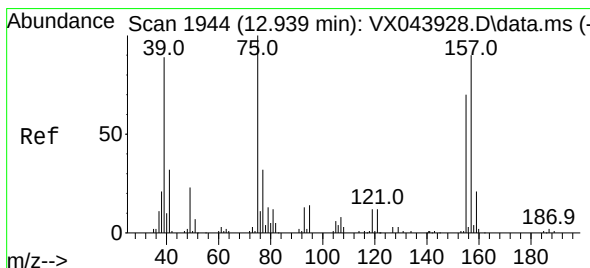
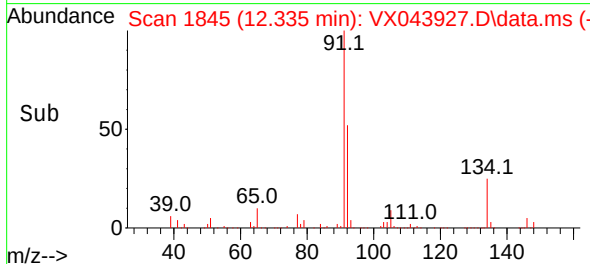
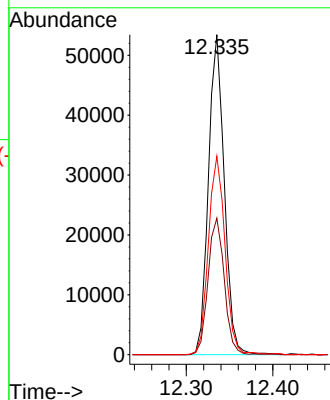
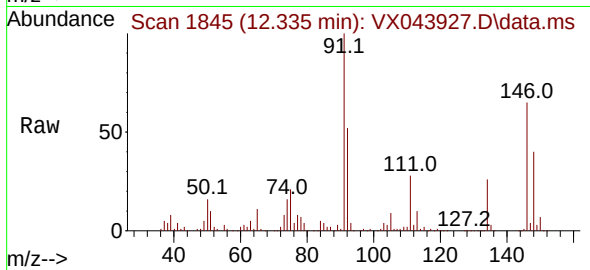




#91
1,2-Dichlorobenzene
Concen: 20.443 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

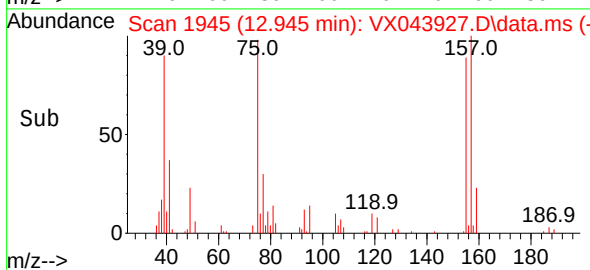
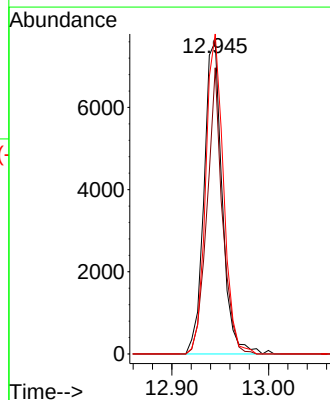
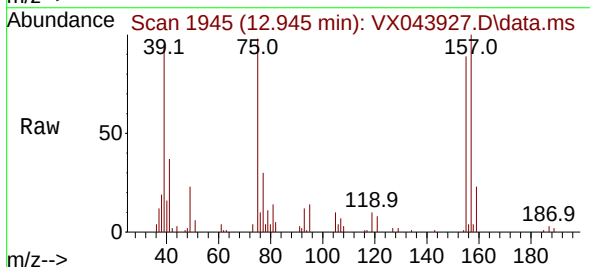
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

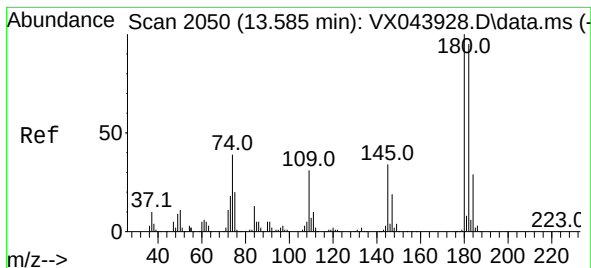
Tgt Ion:146 Resp: 67852
Ion Ratio Lower Upper
146 100
111 44.0 21.5 64.5
148 65.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.137 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043927.D
Acq: 21 Nov 2024 10:37

Tgt Ion: 75 Resp: 9939
Ion Ratio Lower Upper
75 100
155 77.7 40.1 120.2
157 100.2 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 19.862 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

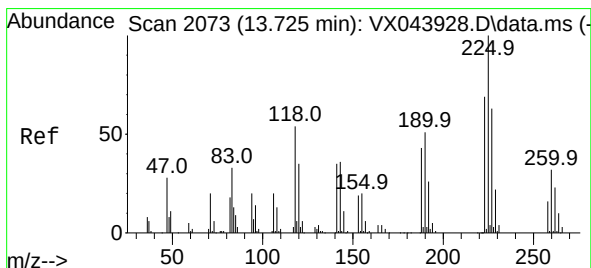
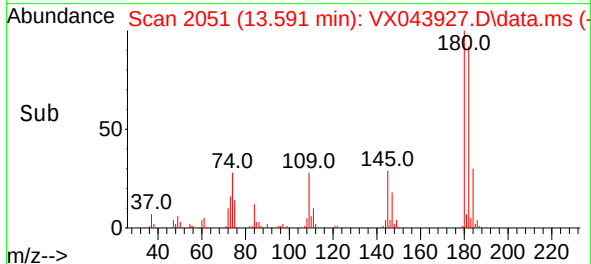
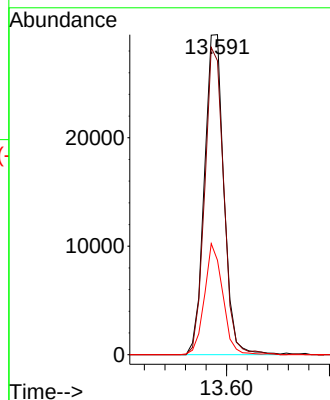
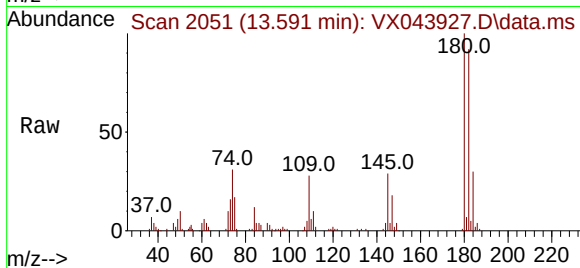
Tgt Ion:180 Resp: 38866

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.2

145 32.7 16.8 50.4



#94

Hexachlorobutadiene

Concen: 19.160 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

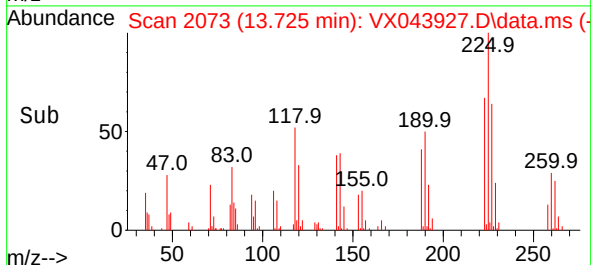
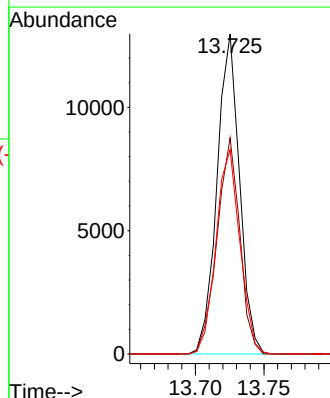
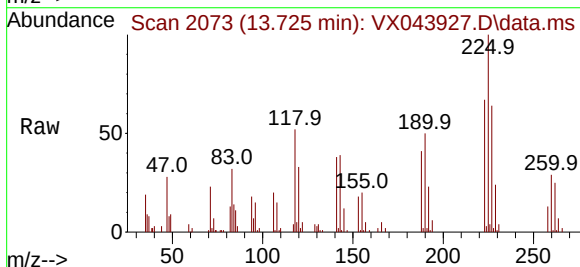
Tgt Ion:225 Resp: 14818

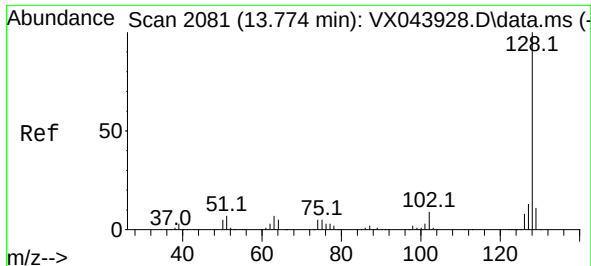
Ion Ratio Lower Upper

225 100

223 67.9 32.9 98.6

227 67.6 31.6 94.8





#95

Naphthalene

Concen: 20.681 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

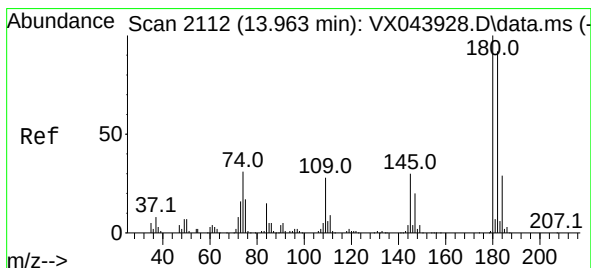
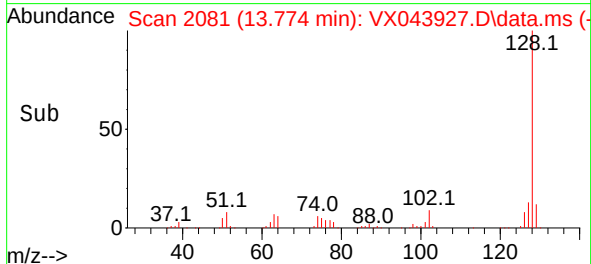
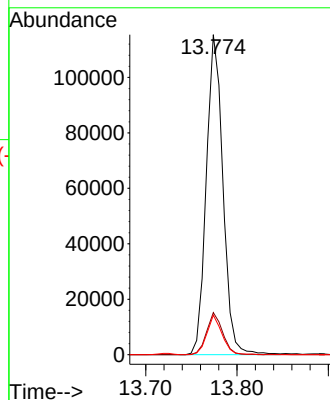
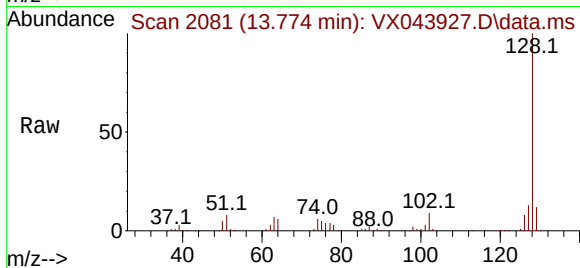
Tgt Ion:128 Resp: 145678

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.981 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion:180 Resp: 41554

Ion Ratio Lower Upper

180 100

182 91.6 45.6 136.8

145 33.9 16.4 49.4

