

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025022.D
 Acq On : 29 Oct 2021 14:24
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda

11/2/2021 2:32:45 PM

Quant Time: Oct 30 01:32:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	160325	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	145438	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63833	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40380	39.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.020%
7) Chloroethane-d5	1.666	69	32199	46.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.180%
11) 1,1-Dichloroethene-d2	2.307	63	82772	32.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.740%
21) 2-Butanone-d5	4.465	46	102692	100.599	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.600%
24) Chloroform-d	5.062	84	125547	46.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
26) 1,2-Dichloroethane-d4	5.964	65	94358	48.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
32) Benzene-d6	5.983	84	197028	47.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
36) 1,2-Dichloropropane-d6	7.312	67	68018	48.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.700%
41) Toluene-d8	8.653	98	188169	47.646	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
43) trans-1,3-Dichloroprop...	8.952	79	36945	45.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.400%
47) 2-Hexanone-d5	9.391	63	74670	104.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.250%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	95550	50.228	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	62929	50.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3073	2.042	ug/L	92
3) Chloromethane	1.288	50	1996	1.907	ug/L	89
5) Vinyl chloride	1.374	62	2601	2.209	ug/L	89
6) Bromomethane	1.618	94	1665	2.198	ug/L	85
8) Chloroethane	1.691	64	1534	2.579	ug/L	83
9) Trichlorofluoromethane	1.892	101	4423	1.692	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2824	2.382	ug/L	# 83
12) 1,1-Dichloroethene	2.319	96	2657	2.664	ug/L	# 1
13) Acetone	2.392	43	3144	3.240	ug/L	89
14) Carbon disulfide	2.514	76	4581	1.695	ug/L	# 95
15) Methyl Acetate	2.709	43	2893	2.062	ug/L	# 83
16) Methylene chloride	2.794	84	2994	2.652	ug/L	83
17) trans-1,2-Dichloroethene	3.105	96	2197	2.152	ug/L	83
18) Methyl tert-butyl Ether	3.123	73	8870	2.103	ug/L	# 86
19) 1,1-Dichloroethane	3.611	63	4624	1.949	ug/L	90
20) cis-1,2-Dichloroethene	4.489	96	2187m	1.896	ug/L	
22) 2-Butanone	4.574	43	4106	3.438	ug/L	# 62
23) Bromochloromethane	4.904	128	1427m	2.476	ug/L	
27) 1,2-Dichloroethane	6.099	62	5165	2.212	ug/L	# 80

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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.483	56	3863m	1.959	ug/L	
30) 1,1,1-Trichloroethane	5.391	97	4848	1.927	ug/L #	86
31) Carbon tetrachloride	5.684	117	4031	1.892	ug/L #	59
33) Benzene	6.044	78	9493	2.108	ug/L	100
34) Trichloroethene	7.129	95	2180	1.605	ug/L #	70
35) Methylcyclohexane	7.385	83	3963	2.022	ug/L #	78
37) 1,2-Dichloropropane	7.434	63	2329	1.818	ug/L #	85
38) Bromodichloromethane	7.824	83	4005	2.046	ug/L #	84
39) cis-1,3-Dichloropropene	8.373	75	4134	1.986	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	7292	3.665	ug/L #	86
42) Toluene	8.726	91	12579	2.553	ug/L	99
44) trans-1,3-Dichloropropene	8.988	75	4392	2.049	ug/L	92
45) 1,1,2-Trichloroethane	9.159	97	2545	2.122	ug/L #	87
46) Tetrachloroethene	9.269	164	1683	1.985	ug/L #	67
48) 2-Hexanone	9.433	43	6093	3.706	ug/L #	90
49) Dibromochloromethane	9.525	129	2829	2.096	ug/L	95
50) 1,2-Dibromoethane	9.616	107	2758	2.085	ug/L	82
51) Chlorobenzene	10.080	112	6126	2.079	ug/L	99
52) Ethylbenzene	10.195	91	10300	1.811	ug/L	96
53) m,p-Xylene	10.305	106	3696	1.890	ug/L	99
54) o-Xylene	10.647	106	3519	1.841	ug/L	96
55) Styrene	10.659	104	5449	1.685	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	4386	2.273	ug/L #	90
59) Bromoform	10.805	173	1711	2.176	ug/L #	93
60) Isopropylbenzene	10.970	105	9560	1.965	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	3676	2.364	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.451	105	8318	1.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	8531	2.020	ug/L	98
64) 1,3-Dichlorobenzene	11.976	146	4140	2.186	ug/L	86
65) 1,4-Dichlorobenzene	12.043	146	3491	1.783	ug/L #	77
67) 1,2-Dichlorobenzene	12.341	146	4448	2.300	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.945	75	1013	1.998	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.116	180	2526	1.857	ug/L #	92
70) 1,2,4-trichlorobenzene	13.591	180	2064	1.791	ug/L #	88
71) Naphthalene	13.780	128	5970	1.498	ug/L	99
72) 1,2,3-Trichlorobenzene	13.969	180	2082	1.756	ug/L #	82

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

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ALS Vial : 1 Sample Multiplier: 1

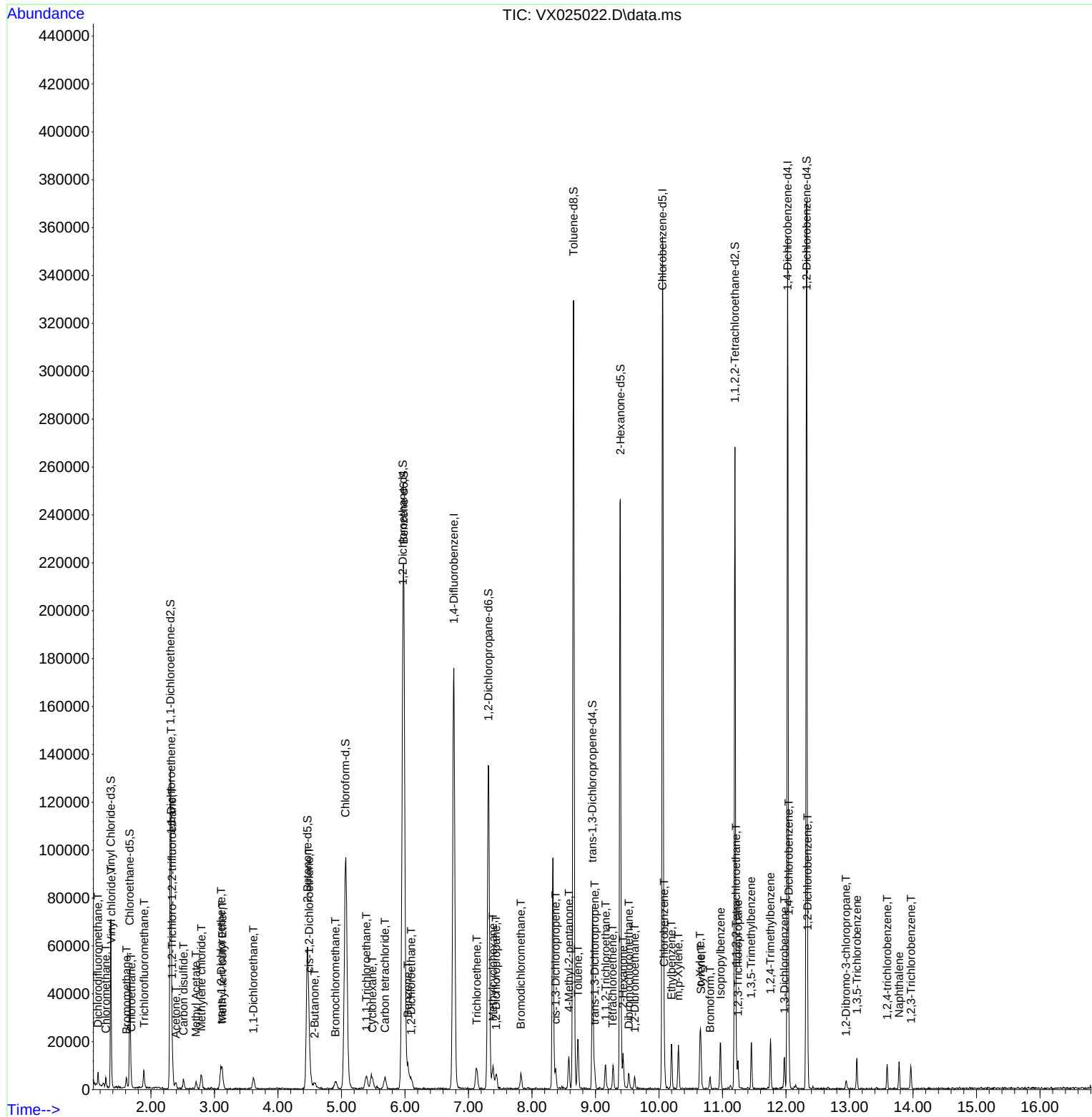
Instrument :
MSVOA_X
ClientSampleId :
MDL04

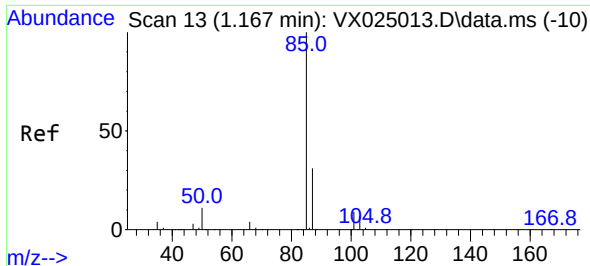
Manual Integrations
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Quant Title : VOC Analysis
QLast Update : Sat Oct 30 01:06:24 2021
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 2.042 ug/L
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

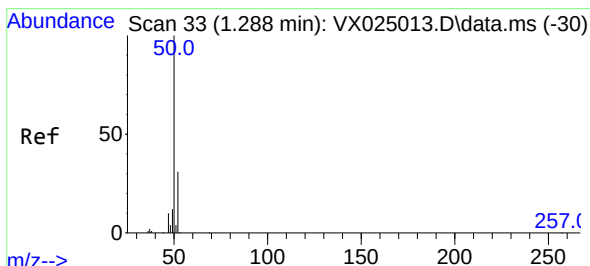
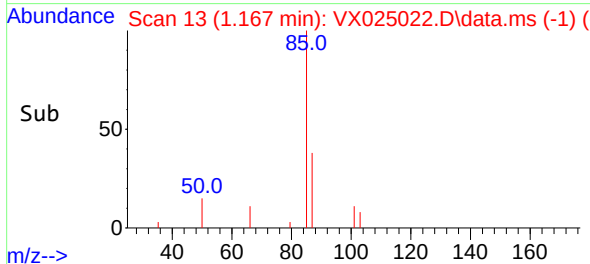
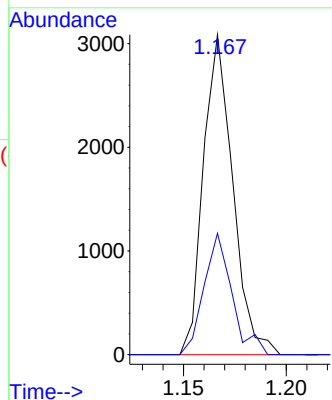
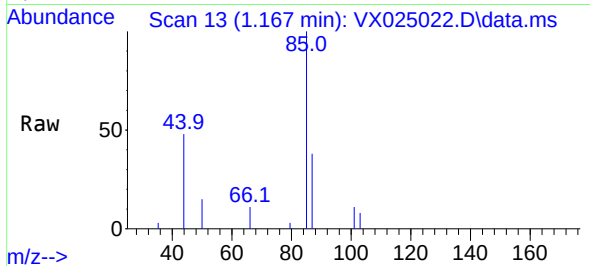
Tgt Ion: 85 Resp: 3073
Ion Ratio Lower Upper
85 100
87 36.0 25.3 37.9

Instrument :
MSVOA_X
ClientSampleId :
MDL04

Manual Integrations
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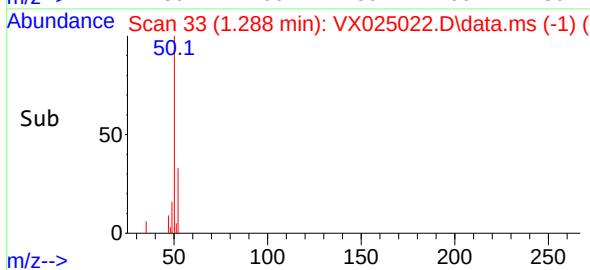
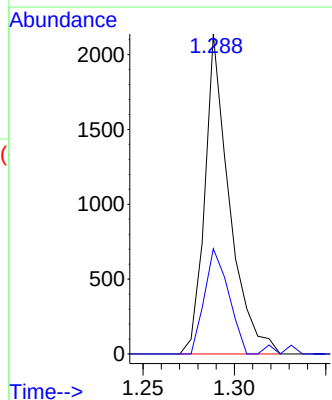
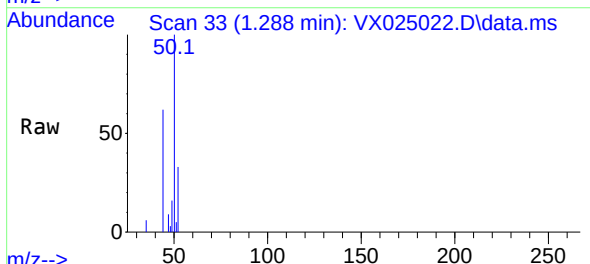
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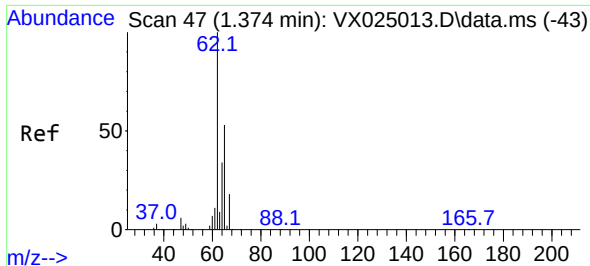
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#3
Chloromethane
Concen: 1.907 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 50 Resp: 1996
Ion Ratio Lower Upper
50 100
52 32.9 28.0 52.0





#5
 Vinyl chloride
 Concen: 2.209 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX025022.D
 Acq: 29 Oct 2021 14:24

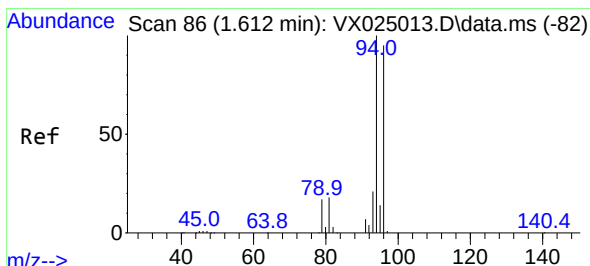
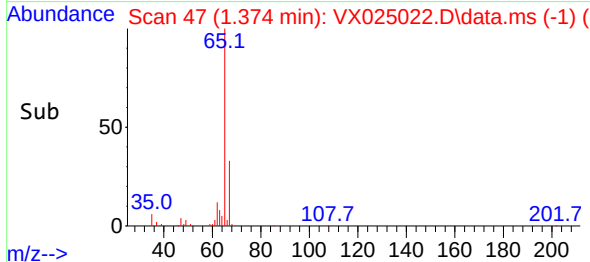
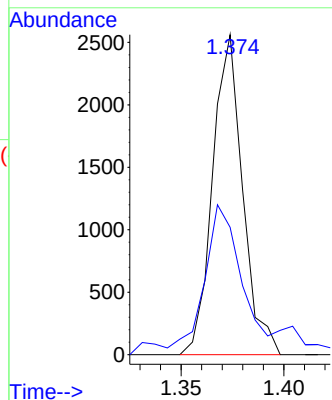
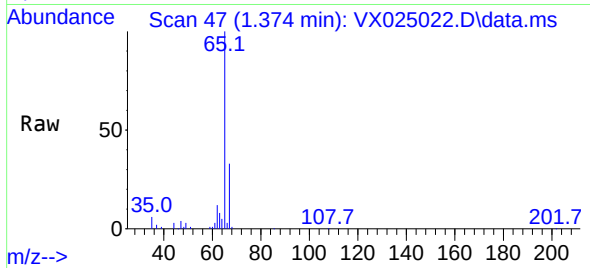
Tgt Ion: 62 Resp: 2601
 Ion Ratio Lower Upper
 62 100
 64 39.8 23.6 43.8

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
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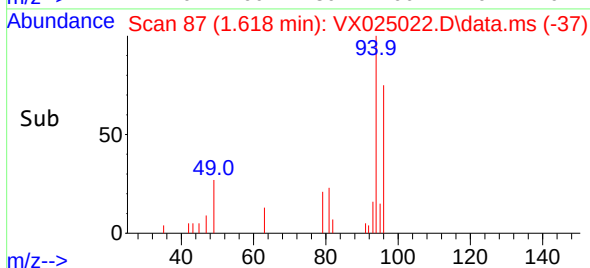
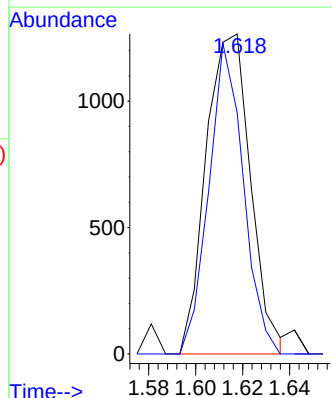
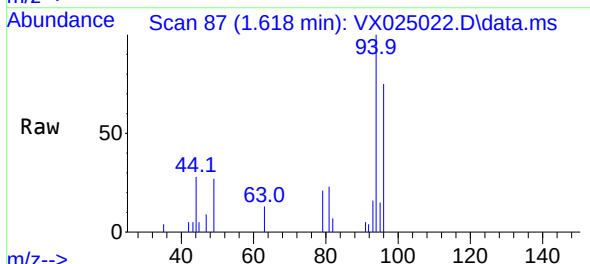
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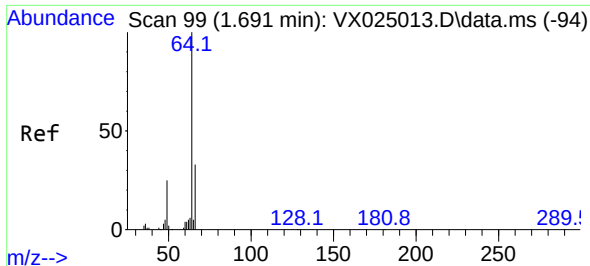
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#6
 Bromomethane
 Concen: 2.198 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX025022.D
 Acq: 29 Oct 2021 14:24

Tgt Ion: 94 Resp: 1665
 Ion Ratio Lower Upper
 94 100
 96 75.4 62.9 116.9





#8
Chloroethane
Concen: 2.579 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

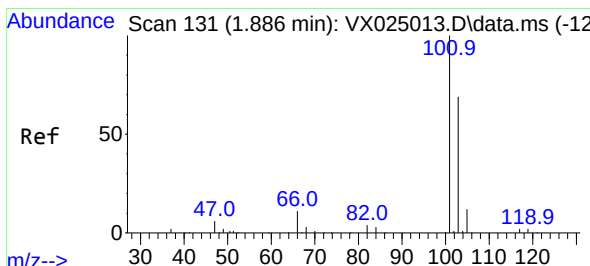
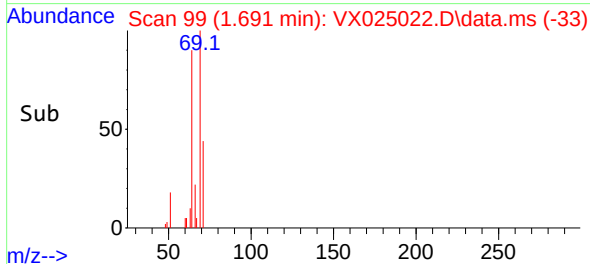
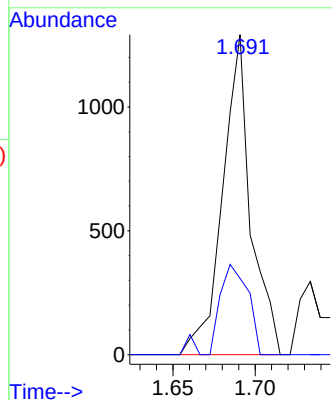
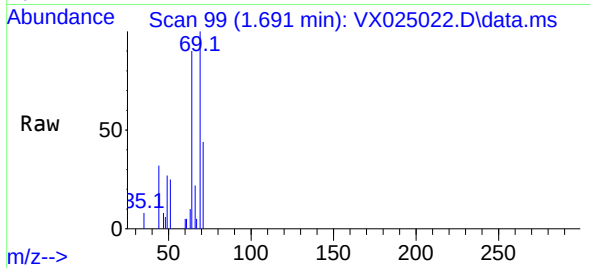
Tgt Ion: 64 Resp: 1534
Ion Ratio Lower Upper
64 100
66 23.8 23.3 43.3

Instrument :
MSVOA_X
ClientSampleId :
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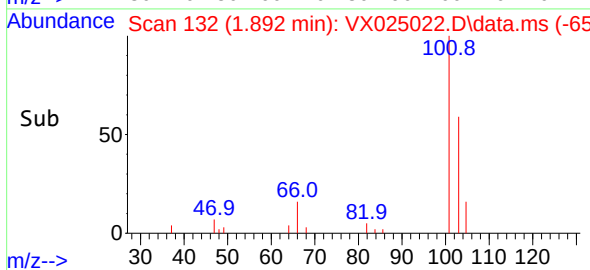
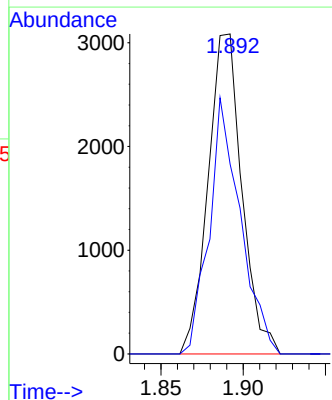
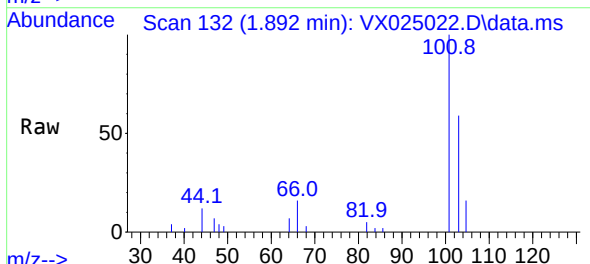
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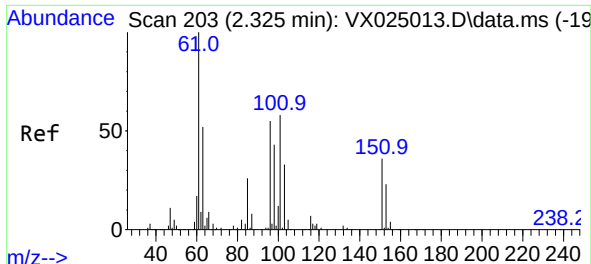
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#9
Trichlorofluoromethane
Concen: 1.692 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 101 Resp: 4423
Ion Ratio Lower Upper
101 100
103 73.7 51.4 77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.382 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

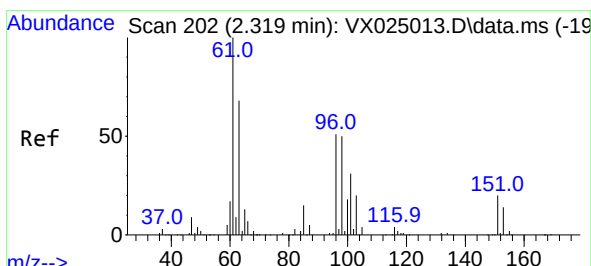
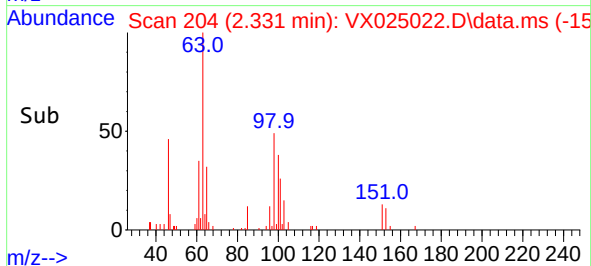
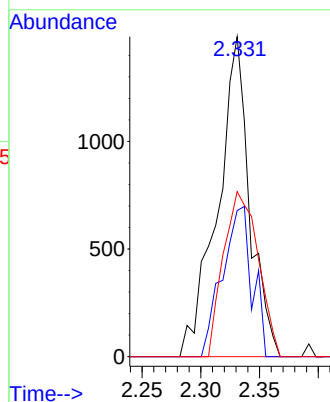
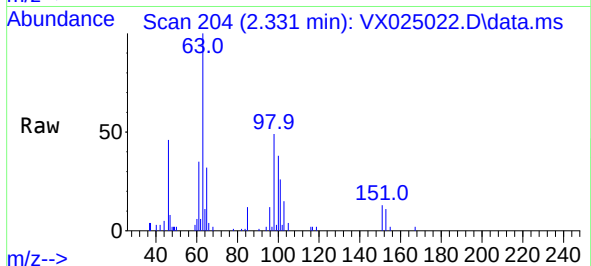
Tgt Ion: 101 Resp: 2824
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 55.8 62.3 93.5#

Instrument :
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ClientSampled :
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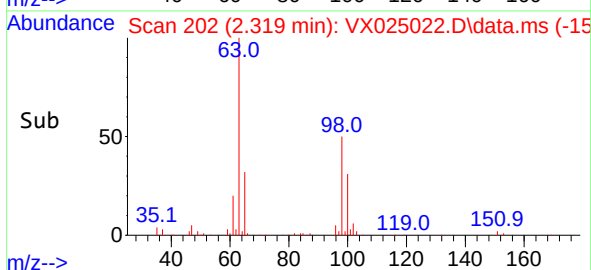
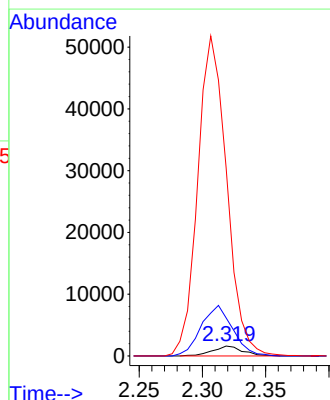
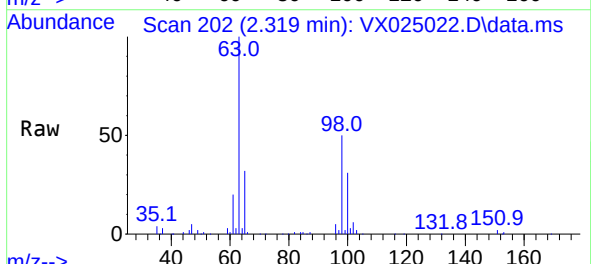
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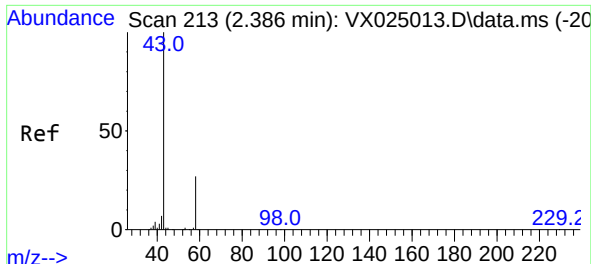
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#12
1,1-Dichloroethene
Concen: 2.664 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

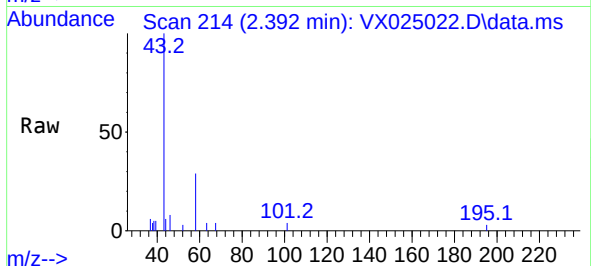
Tgt Ion: 96 Resp: 2657
Ion Ratio Lower Upper
96 100
61 384.7 109.9 204.1#
63 1902.4 92.4 171.6#





#13
Acetone
Concen: 3.240 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
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ClientSampled :
MDL04

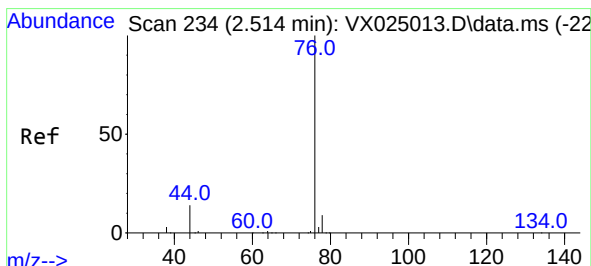
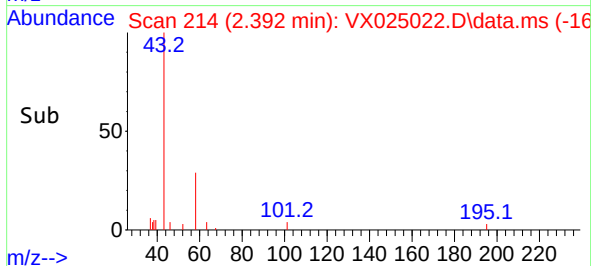
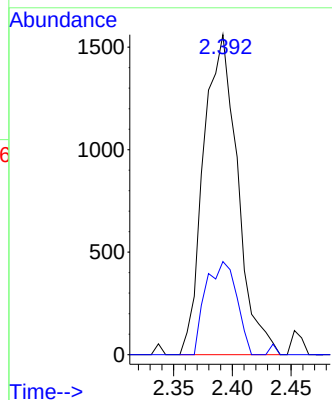


Tgt Ion: 43 Resp: 3144
Ion Ratio Lower Upper
43 100
58 26.4 0.0 64.8

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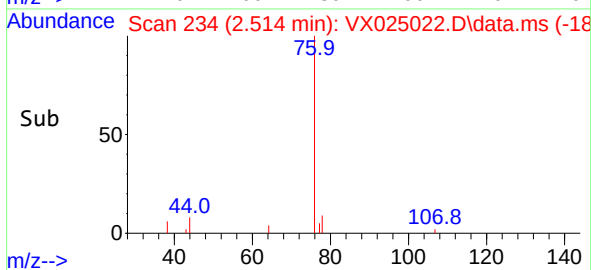
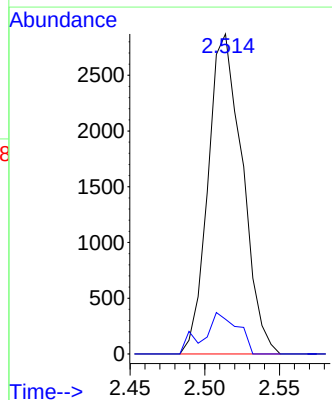
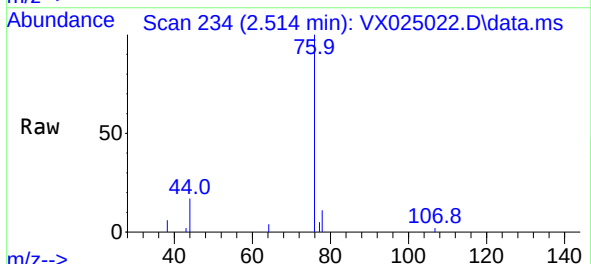
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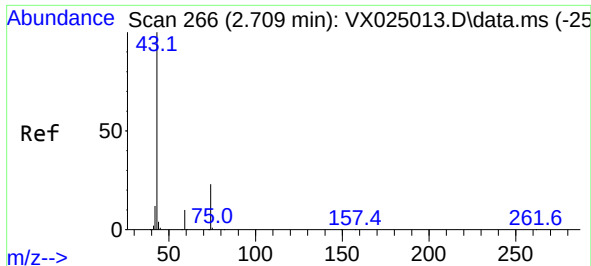
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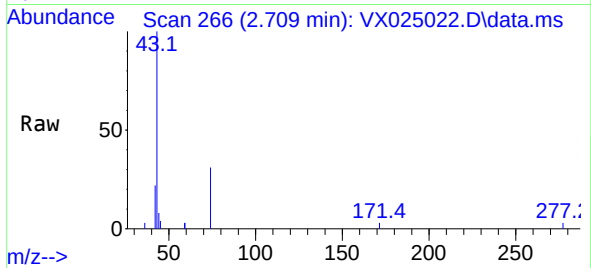
#14
Carbon disulfide
Concen: 1.695 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 76 Resp: 4581
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#

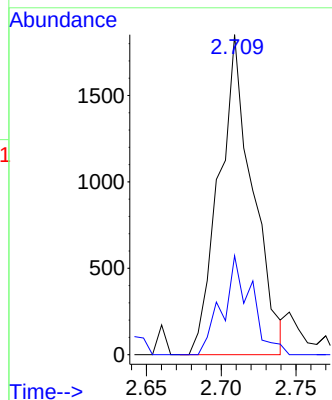




#15
Methyl Acetate
Concen: 2.062 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



Tgt Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
74 25.9 28.6 42.8#

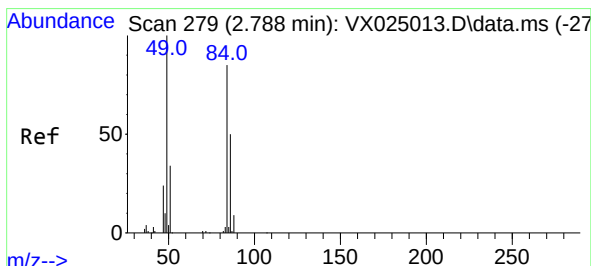
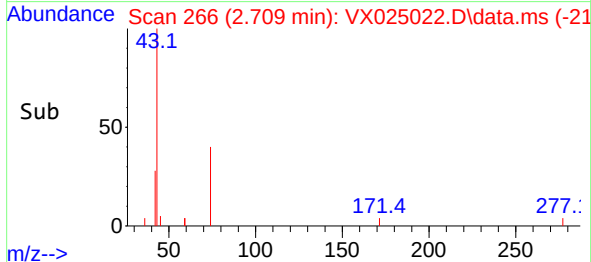


Instrument :
MSVOA_X
ClientSampled :
MDL04

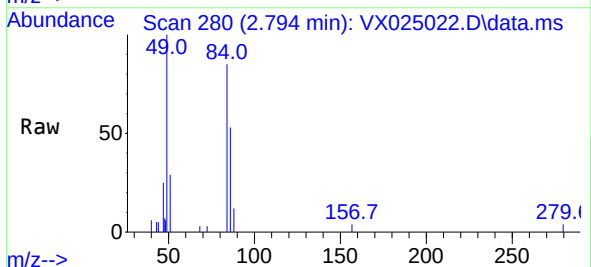
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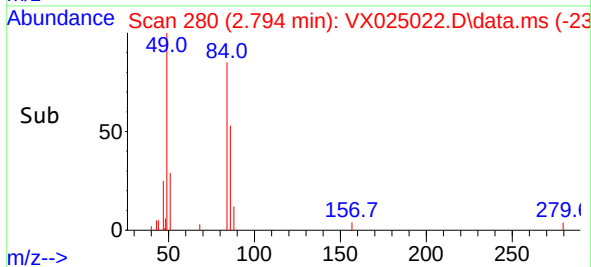
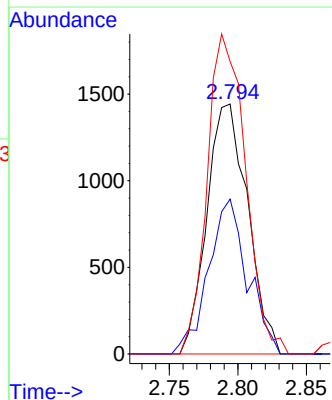
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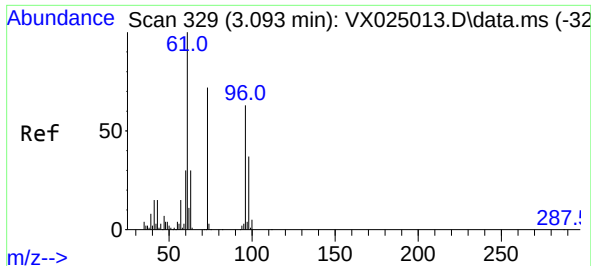


#16
Methylene chloride
Concen: 2.652 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

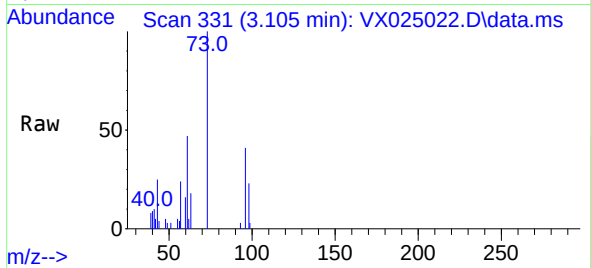


Tgt Ion: 84 Resp: 2994
Ion Ratio Lower Upper
84 100
86 62.0 44.4 82.5
49 117.0 64.0 118.8

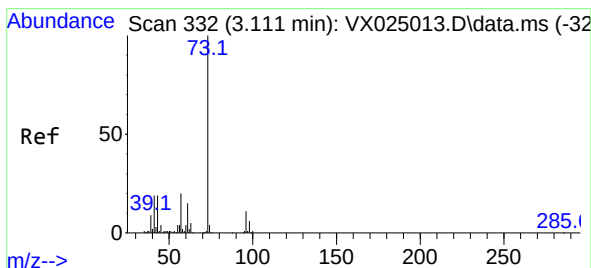
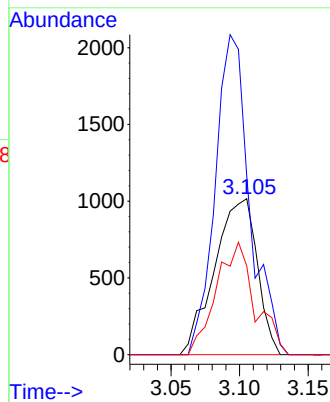
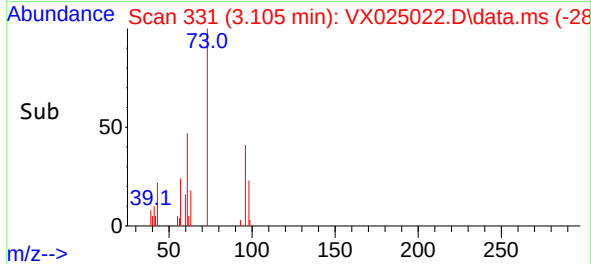




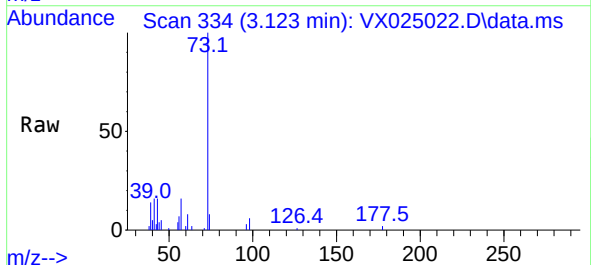
#17
trans-1,2-Dichloroethene
Concen: 2.152 ug/L
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



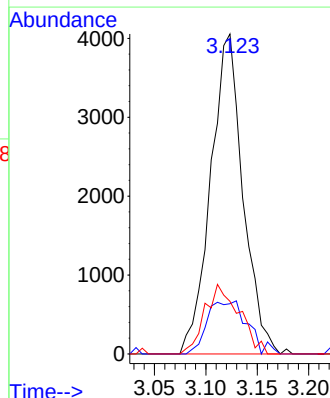
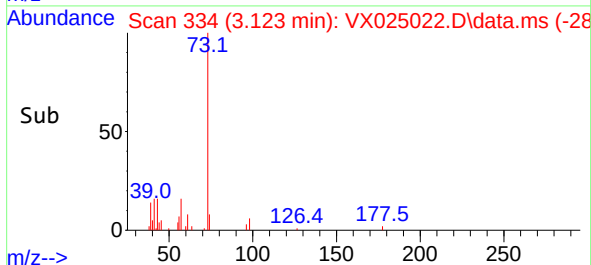
Tgt Ion: 96 Resp: 2197
Ion Ratio Lower Upper
96 100
61 114.4 99.4 184.6
98 63.5 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 2.103 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



Tgt Ion: 73 Resp: 8870
Ion Ratio Lower Upper
73 100
43 9.9 12.4 18.6#
57 23.2 13.2 19.8#

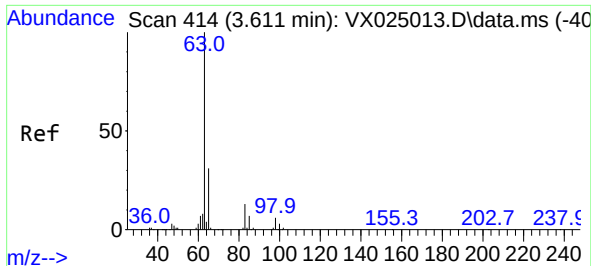


Instrument :
MSVOA_X
ClientSampleId :
MDL04

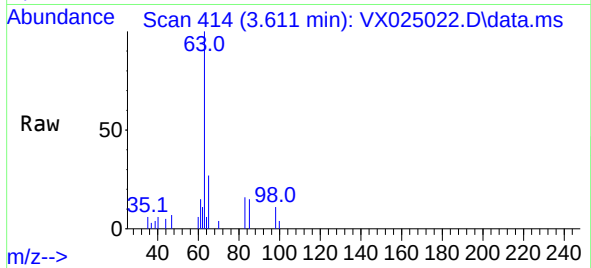
Manual Integrations
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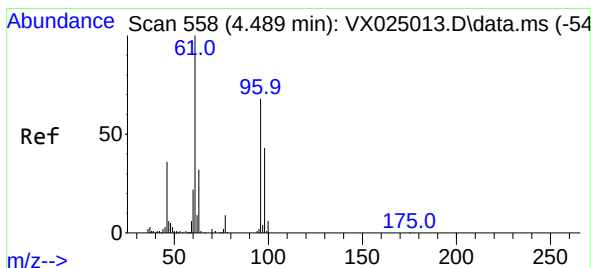
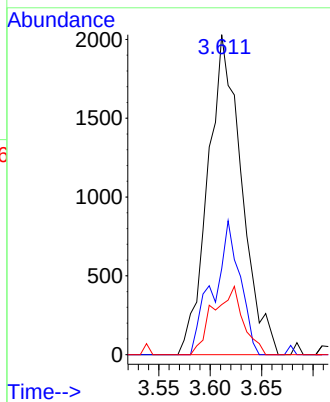
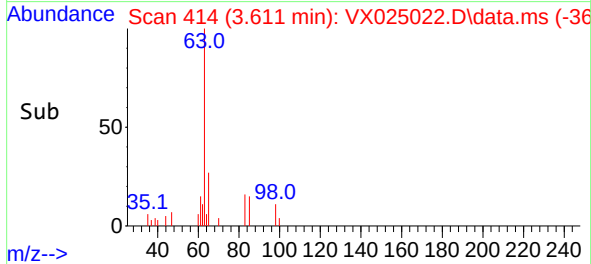
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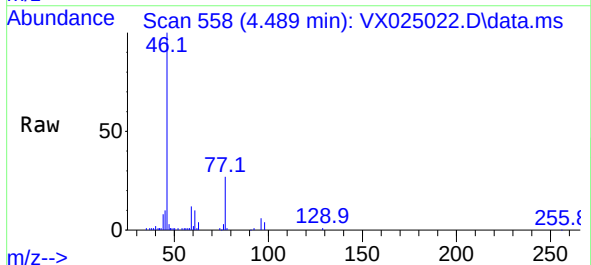
#19
1,1-Dichloroethane
Concen: 1.949 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



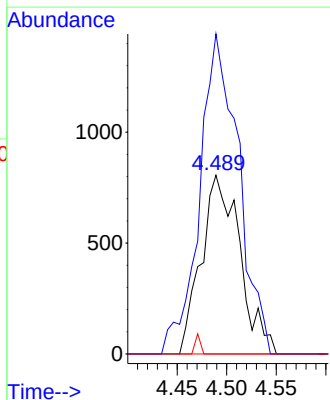
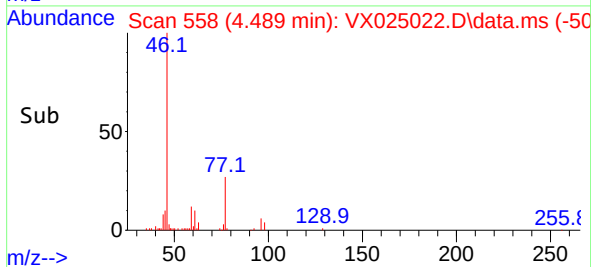
Tgt Ion: 63 Resp: 4624
Ion Ratio Lower Upper
63 100
65 26.9 24.5 45.5
83 15.7 11.7 21.7



#20
cis-1,2-Dichloroethene
Concen: 1.896 ug/L m
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



Tgt Ion: 96 Resp: 2187
Ion Ratio Lower Upper
96 100
61 179.0 82.6 153.4#
68 0.0 0.0 0.0

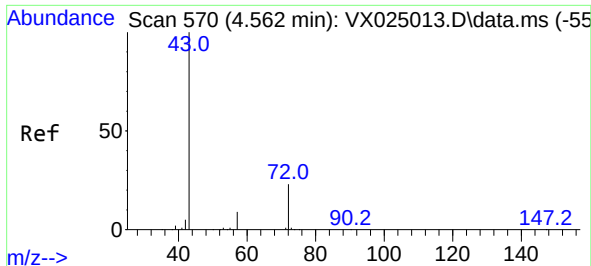


Instrument :
MSVOA_X
ClientSampleId :
MDL04

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#22
2-Butanone
Concen: 3.438 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

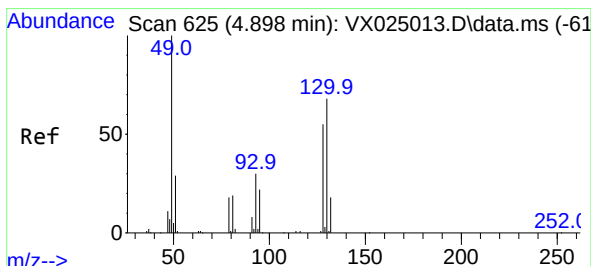
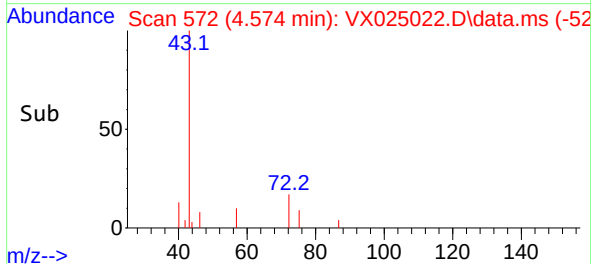
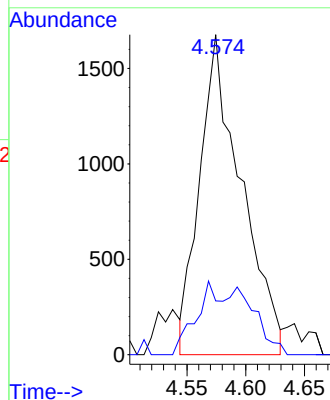
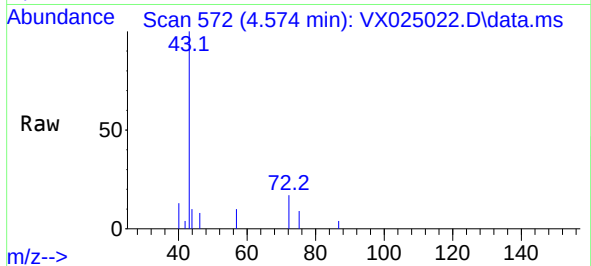
Tgt Ion: 43 Resp: 4106
Ion Ratio Lower Upper
43 100
72 14.1 18.4 55.0#

Instrument :
MSVOA_X
ClientSampled :
MDL04

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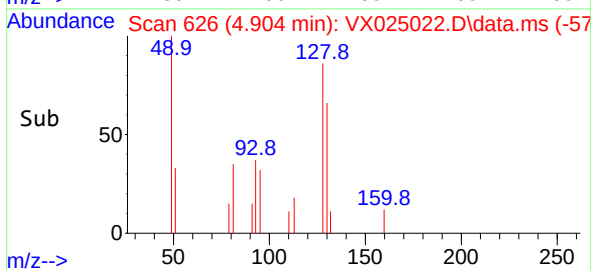
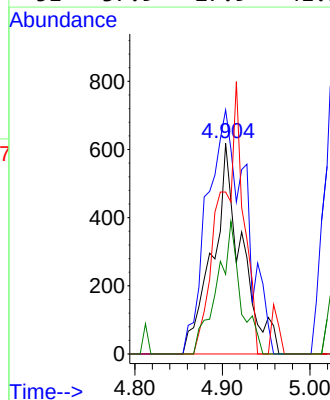
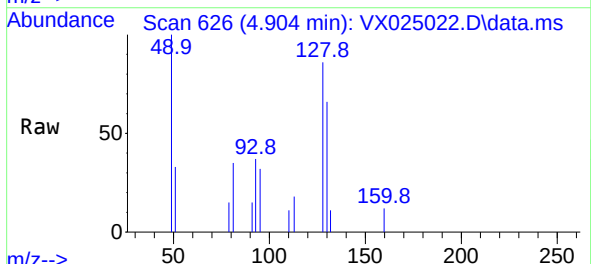
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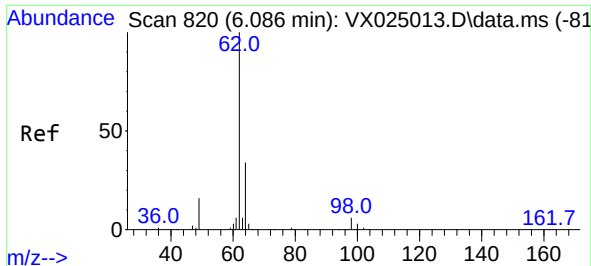
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#23
Bromochloromethane
Concen: 2.476 ug/L m
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

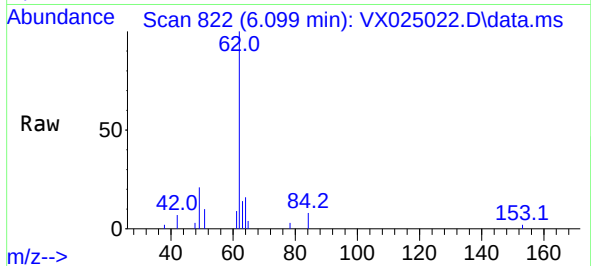
Tgt Ion: 128 Resp: 1427
Ion Ratio Lower Upper
128 100
49 115.9 71.5 132.7
130 76.9 84.3 156.5#
51 37.9 27.9 41.9





#27
1,2-Dichloroethane
Concen: 2.212 ug/L
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
MSVOA_X
ClientSampled :
MDL04

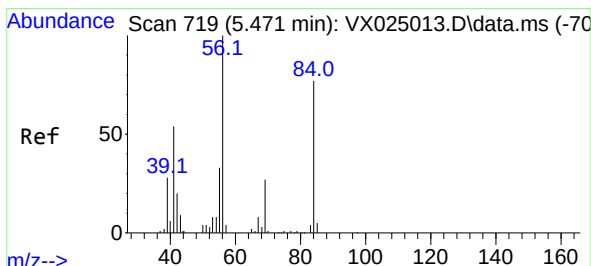
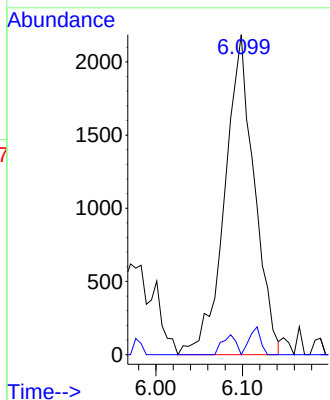
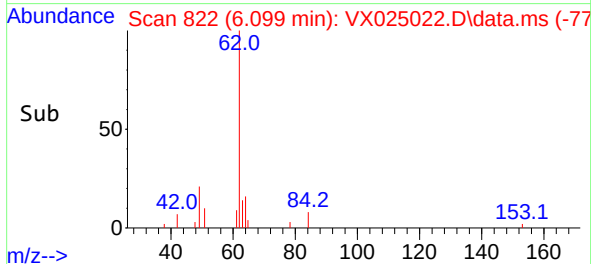


Tgt Ion: 62 Resp: 5165
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#

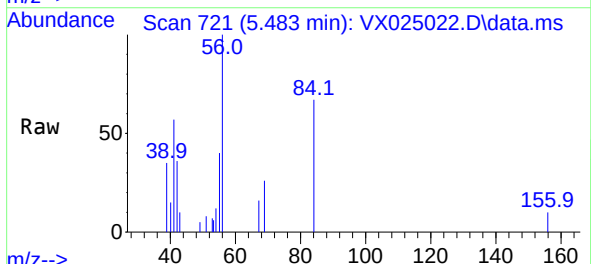
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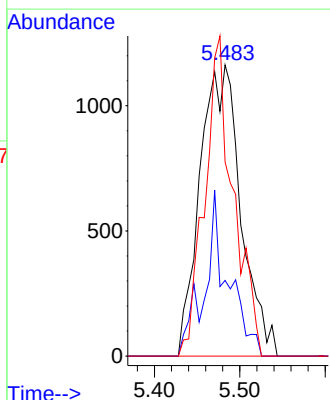
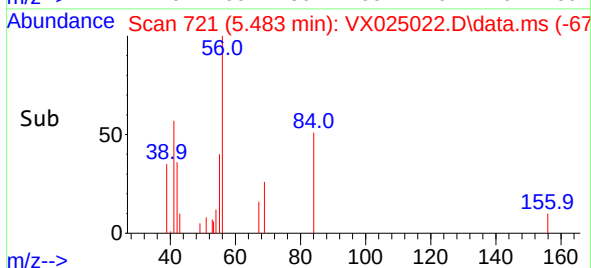
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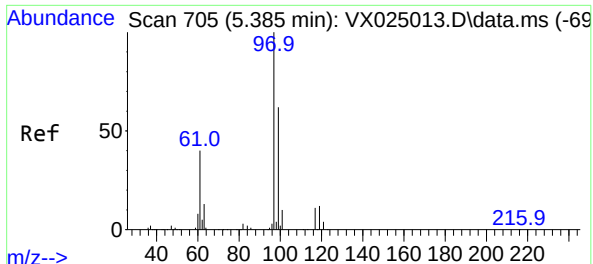


#29
Cyclohexane
Concen: 1.959 ug/L m
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

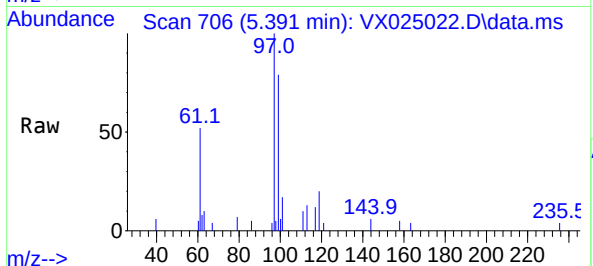


Tgt Ion: 56 Resp: 3863
Ion Ratio Lower Upper
56 100
69 8.8 30.8 46.2#
84 69.1 86.8 130.2#

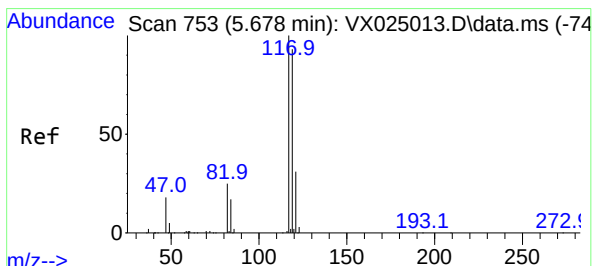
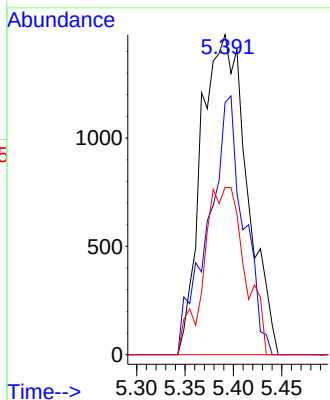
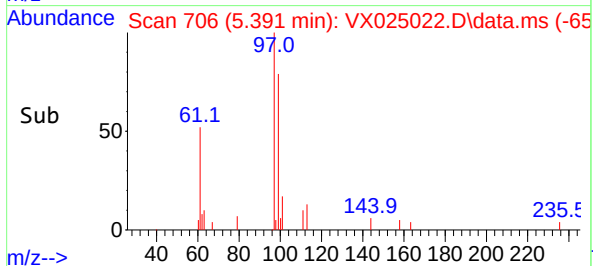




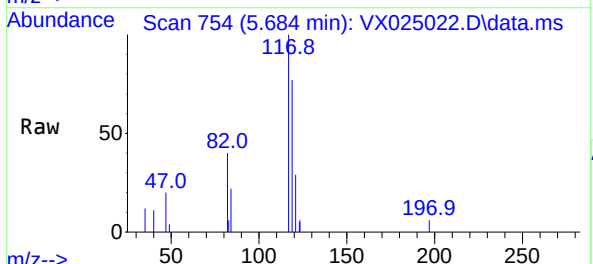
#30
1,1,1-Trichloroethane
Concen: 1.927 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



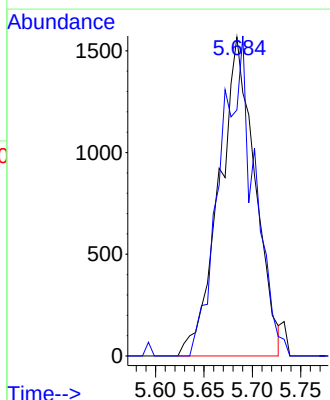
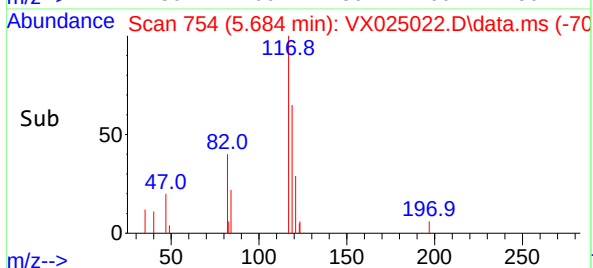
Tgt Ion: 97 Resp: 4848
Ion Ratio Lower Upper
97 100
99 62.9 53.1 79.7
61 13.4 26.3 39.5#



#31
Carbon tetrachloride
Concen: 1.892 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



Tgt Ion: 117 Resp: 4031
Ion Ratio Lower Upper
117 100
119 55.0 76.0 114.0#

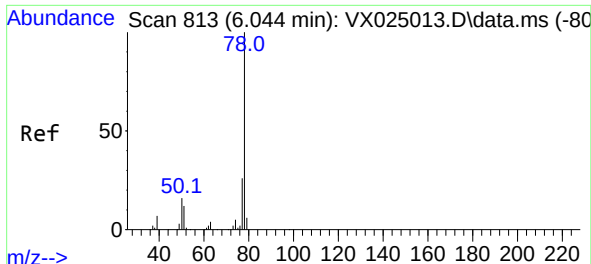


Instrument :
MSVOA_X
ClientSampleId :
MDL04

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#33
Benzene
Concen: 2.108 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

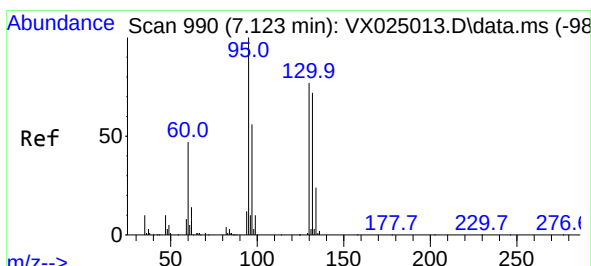
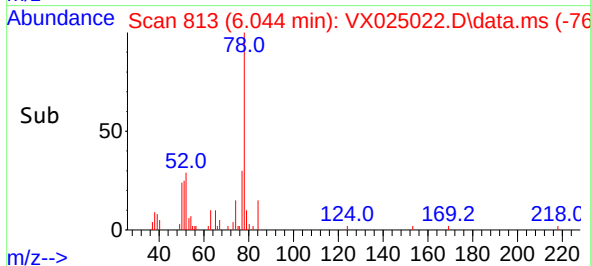
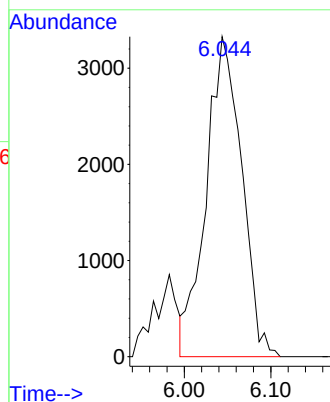
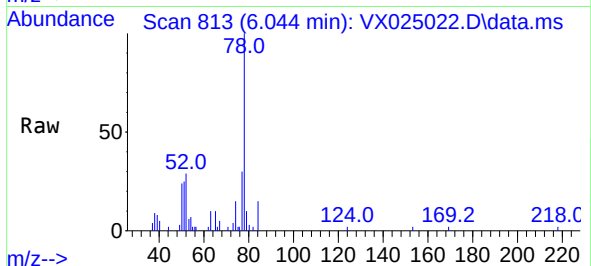
Tgt Ion: 78 Resp: 9493

Instrument :
MSVOA_X
ClientSampled :
MDL04

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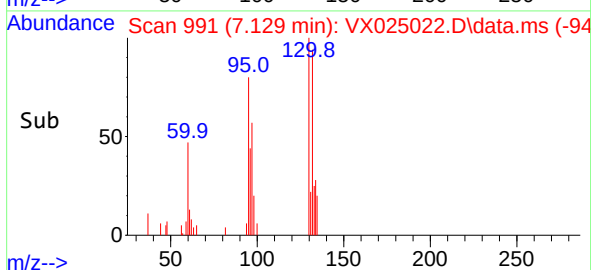
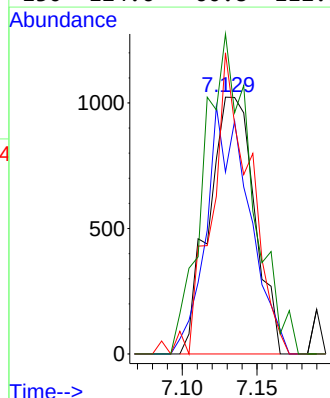
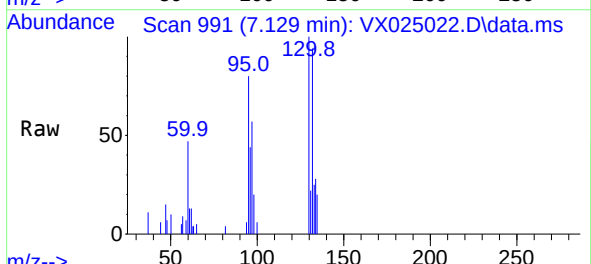
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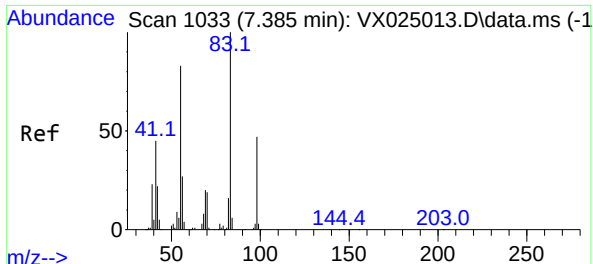
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#34
Trichloroethene
Concen: 1.605 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 95 Resp: 2180
Ion Ratio Lower Upper
95 100
97 70.9 44.2 82.2
132 117.3 60.1 111.5#
130 124.6 60.8 112.8#





#35
Methylcyclohexane
Concen: 2.022 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

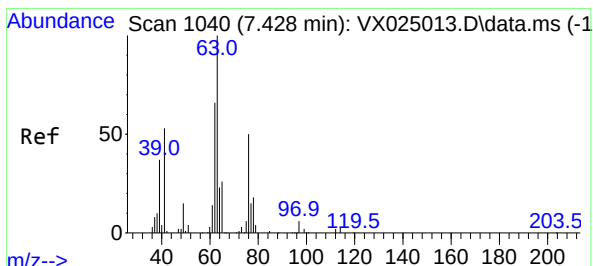
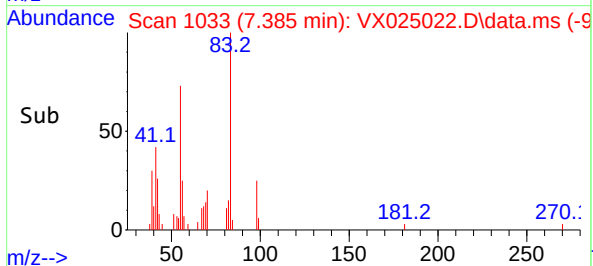
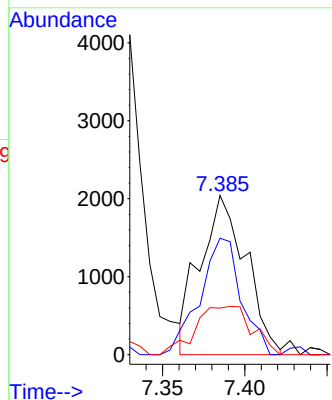
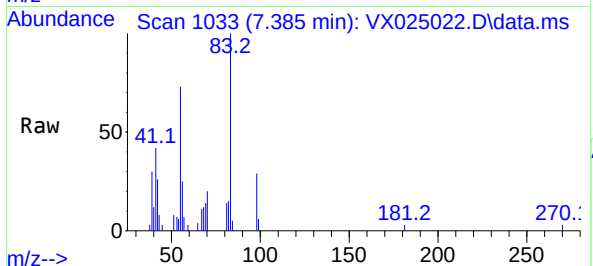
Tgt Ion:	83	Resp:	3963
Ion	Ratio	Lower	Upper
83	100		
55	65.8	52.6	79.0
98	11.6	37.9	56.9#

Instrument :
MSVOA_X
ClientSampleId :
MDL04

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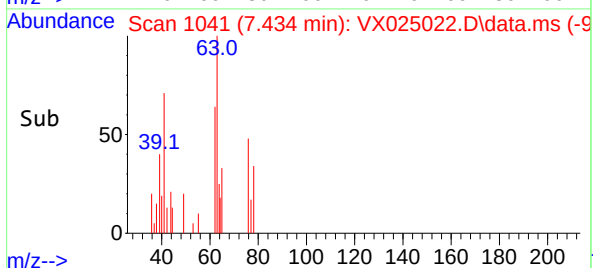
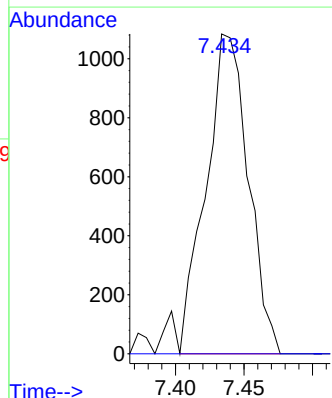
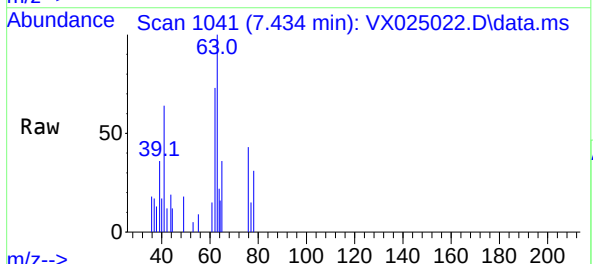
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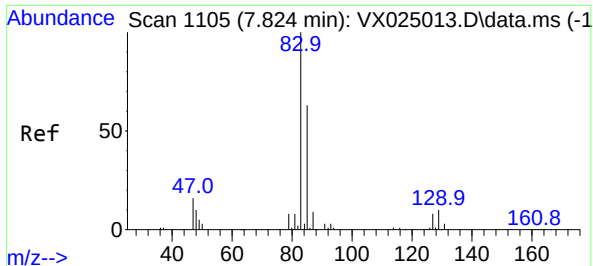
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#37
1,2-Dichloropropane
Concen: 1.818 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion:	63	Resp:	2329
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#38
Bromodichloromethane
Concen: 2.046 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

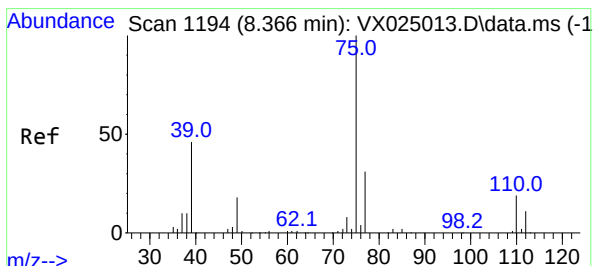
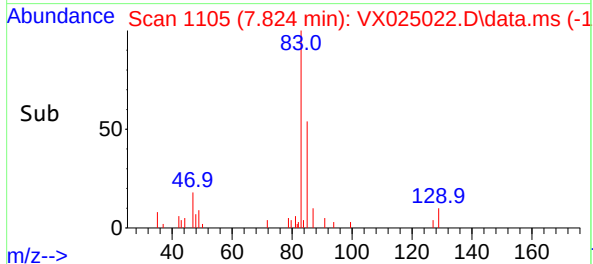
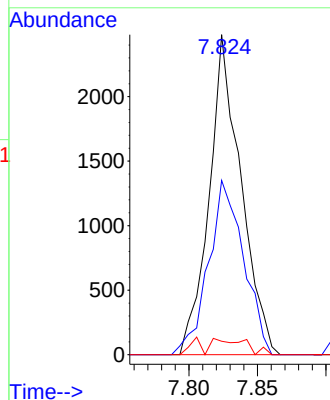
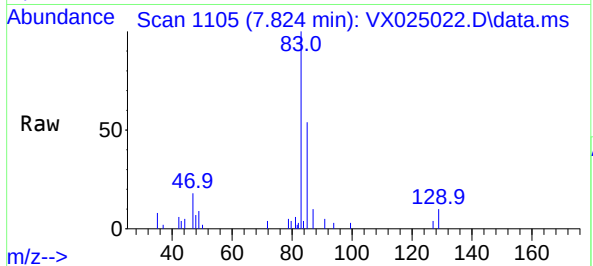
Tgt Ion: 83 Resp: 4005
Ion Ratio Lower Upper
83 100
85 54.4 46.8 87.0
127 4.2 8.2 12.2#

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

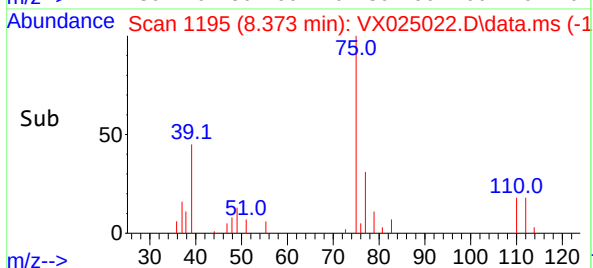
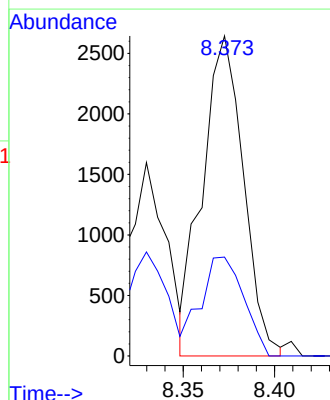
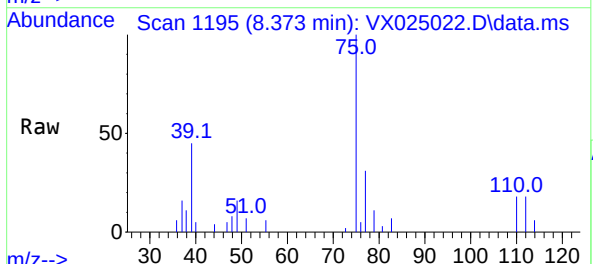
MMDadoda

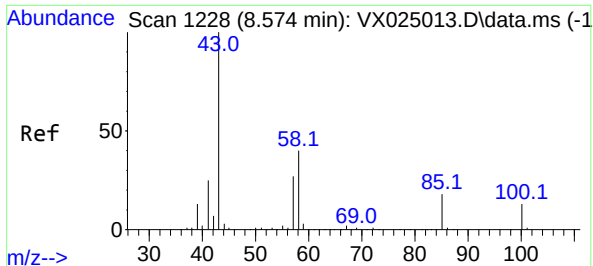
11/2/2021 2:32:45 PM



#39
cis-1,3-Dichloropropene
Concen: 1.986 ug/L
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 75 Resp: 4134
Ion Ratio Lower Upper
75 100
77 30.9 23.1 42.9





#40
4-Methyl-2-pentanone
Concen: 3.665 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

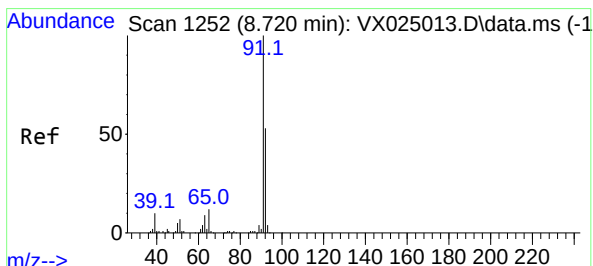
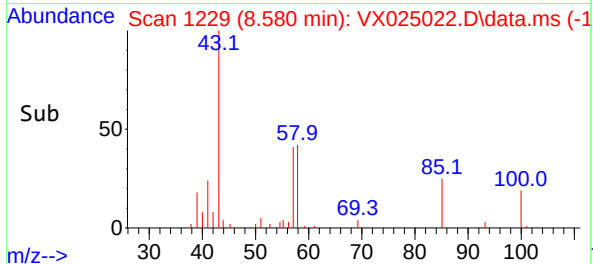
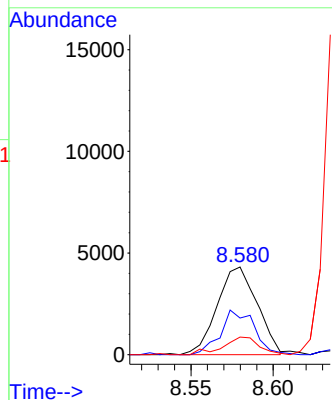
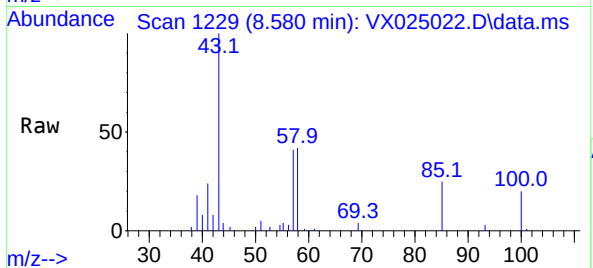
Tgt Ion: 43 Resp: 7292
Ion Ratio Lower Upper
43 100
58 43.3 41.3 61.9
100 15.9 19.6 29.4#

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

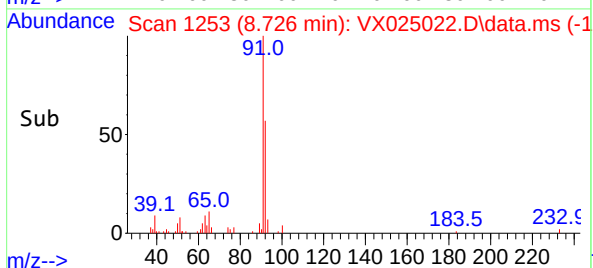
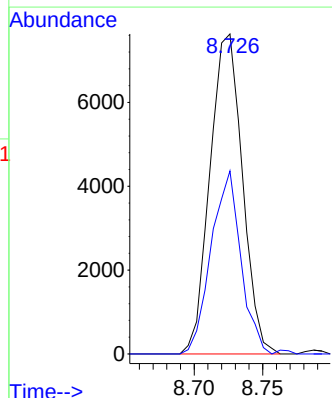
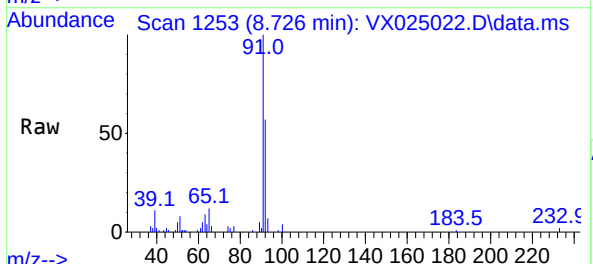
MMDadoda

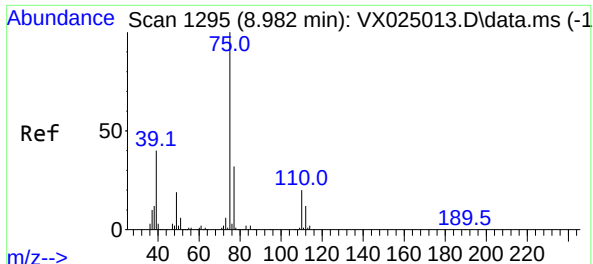
11/2/2021 2:32:45 PM



#42
Toluene
Concen: 2.553 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 91 Resp: 12579
Ion Ratio Lower Upper
91 100
92 57.2 39.3 72.9





#44
trans-1,3-Dichloropropene
Concen: 2.049 ug/L
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

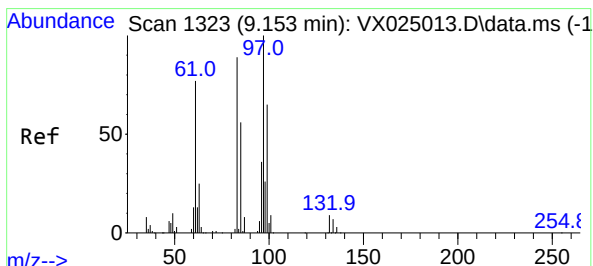
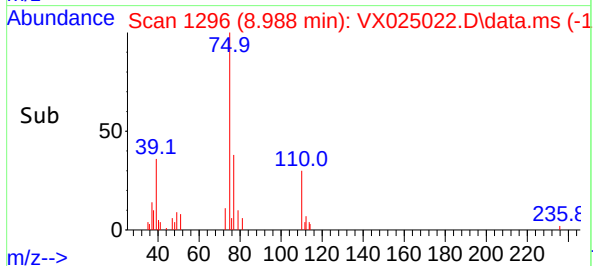
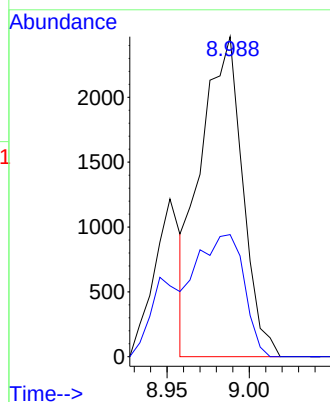
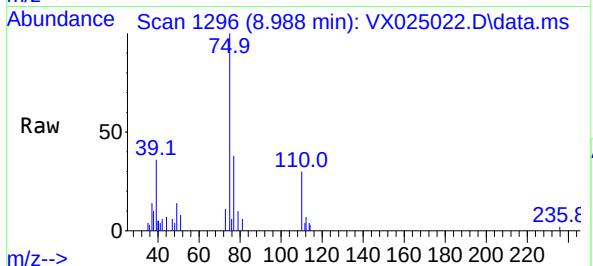
Tgt Ion: 75 Resp: 4392
Ion Ratio Lower Upper
75 100
77 38.2 23.4 43.6

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

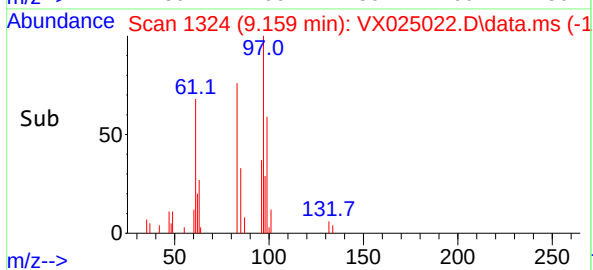
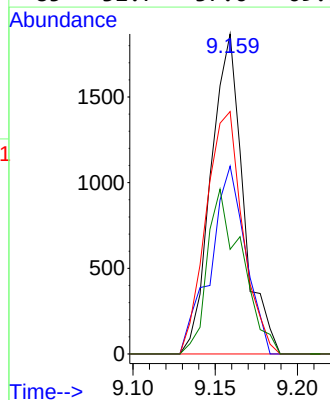
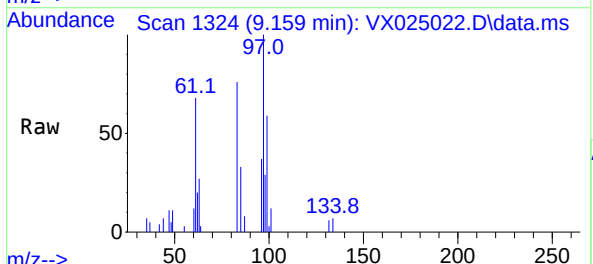
MMDadoda

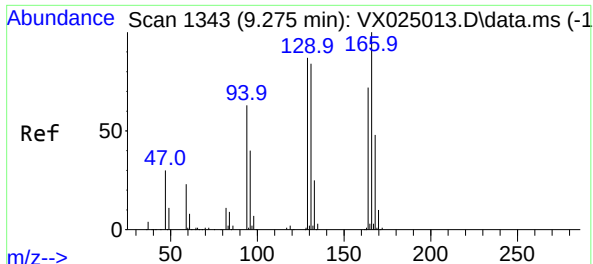
11/2/2021 2:32:45 PM



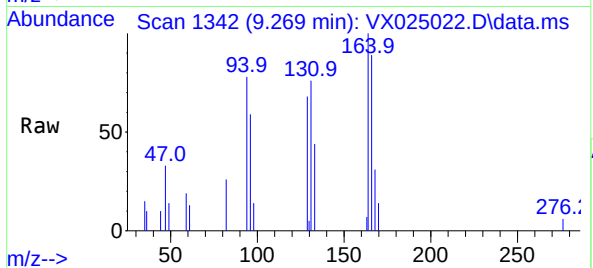
#45
1,1,2-Trichloroethane
Concen: 2.122 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 97 Resp: 2545
Ion Ratio Lower Upper
97 100
99 58.7 43.5 80.7
83 75.7 58.2 108.0
85 32.7 37.6 69.8#

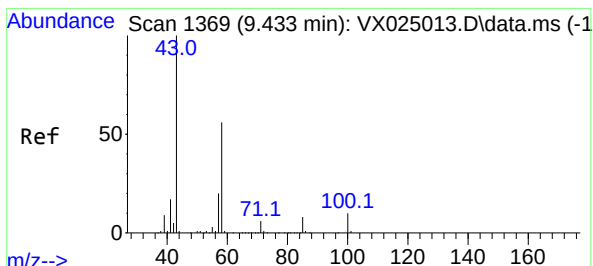
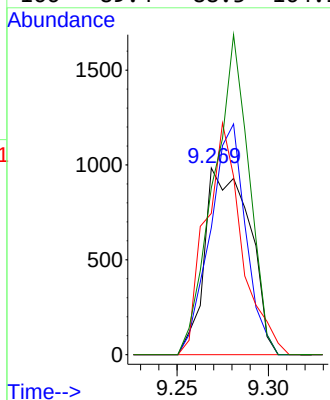
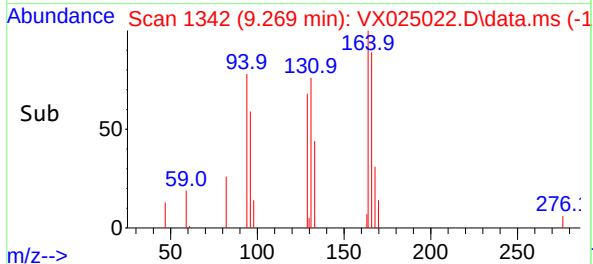




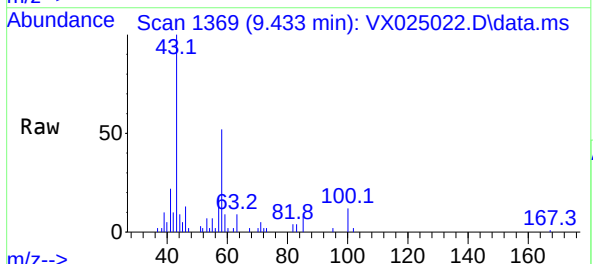
#46
Tetrachloroethene
Concen: 1.985 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



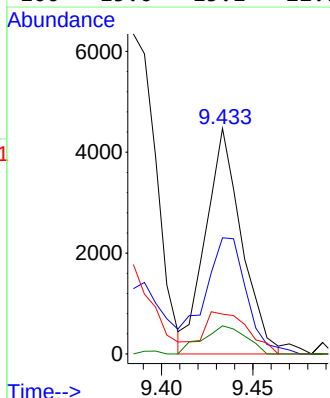
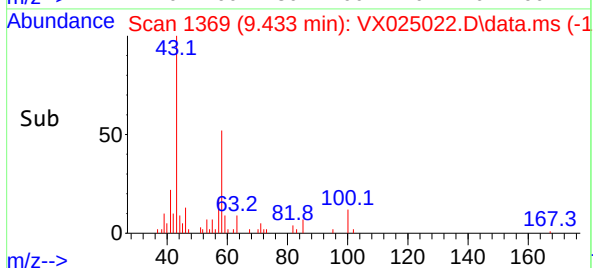
Tgt Ion:164 Resp: 1683
Ion Ratio Lower Upper
164 100
129 68.0 78.5 145.7#
131 75.7 70.5 130.9
166 89.4 88.3 164.1



#48
2-Hexanone
Concen: 3.706 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



Tgt Ion: 43 Resp: 6093
Ion Ratio Lower Upper
43 100
58 60.0 56.0 84.0
57 22.5 20.4 30.6
100 15.0 15.1 22.7#

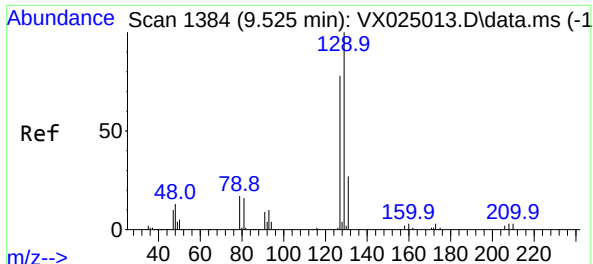


Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

MMDadoda

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#49

Dibromochloromethane

Concen: 2.096 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025022.D

Acq: 29 Oct 2021 14:24

Tgt Ion:129 Resp: 2829

Ion Ratio Lower Upper

129 100

127 73.1 54.1 100.5

Instrument :

MSVOA_X

ClientSampled :

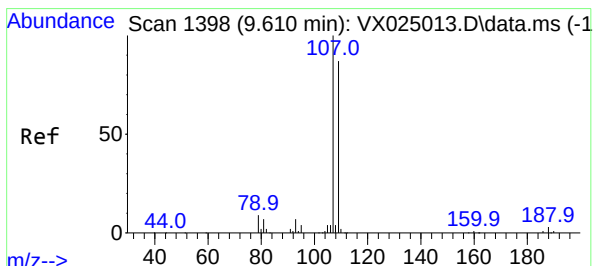
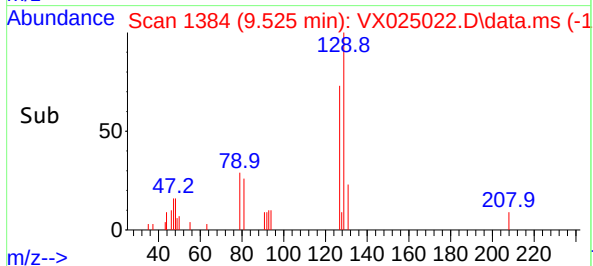
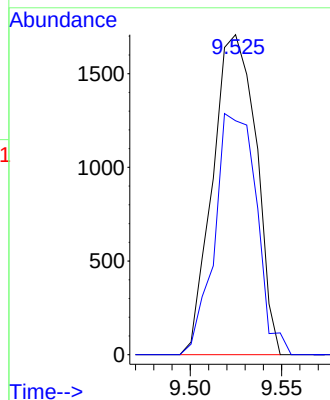
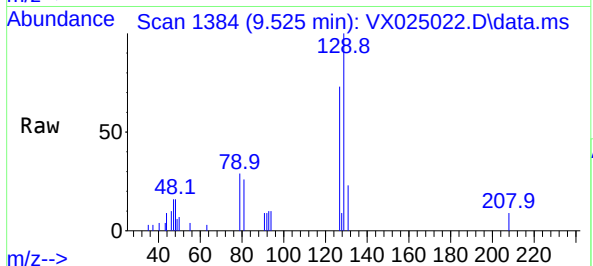
MDL04

Manual Integrations

APPROVED

MMDadoda

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#50

1,2-Dibromoethane

Concen: 2.085 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX025022.D

Acq: 29 Oct 2021 14:24

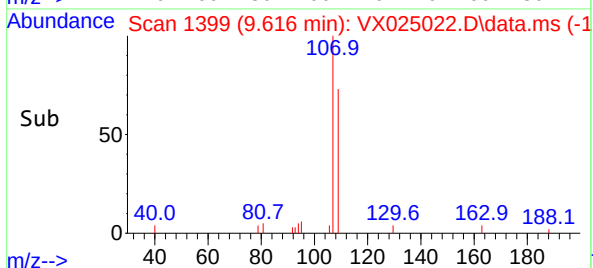
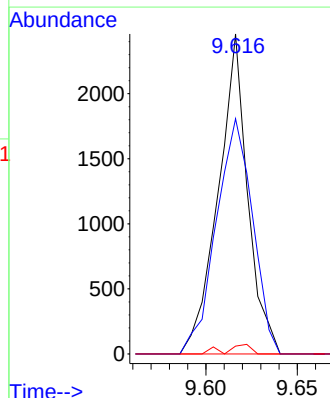
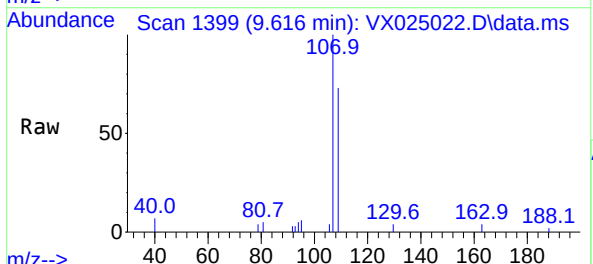
Tgt Ion:107 Resp: 2758

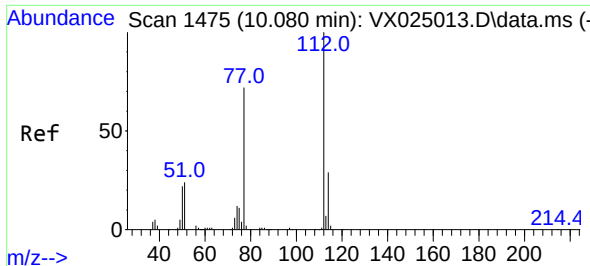
Ion Ratio Lower Upper

107 100

109 73.5 63.8 118.6

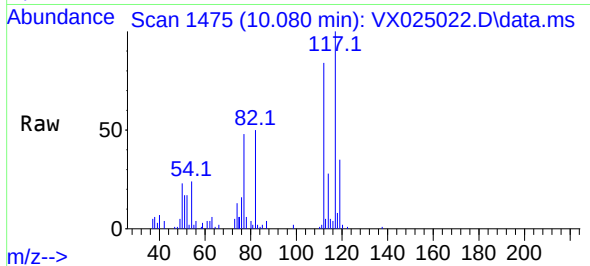
188 2.4 2.2 3.2





#51
Chlorobenzene
Concen: 2.079 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
MDL04

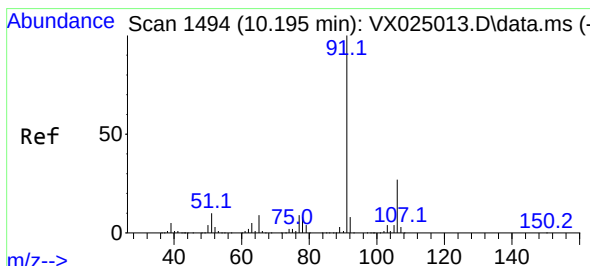
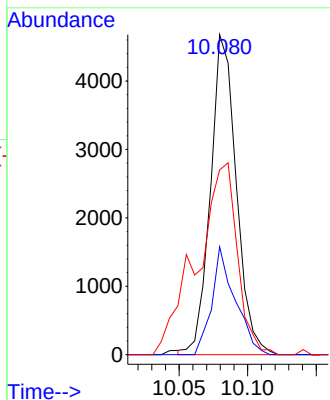
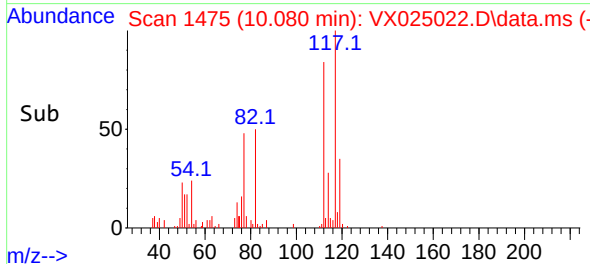


Tgt Ion:112 Resp: 6126
Ion Ratio Lower Upper
112 100
114 33.7 22.7 42.3
77 57.7 46.8 70.2

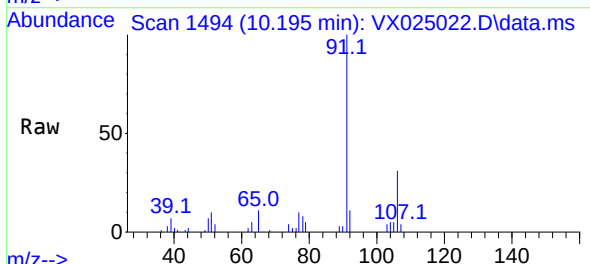
Manual Integrations
APPROVED

MMDadoda

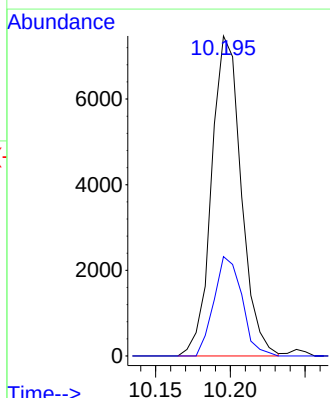
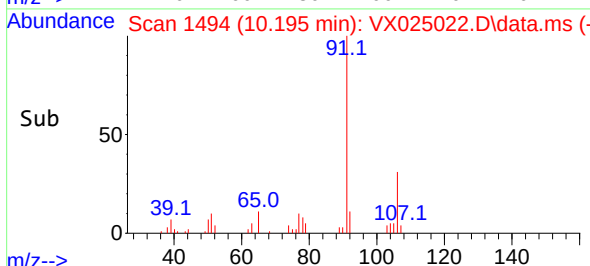
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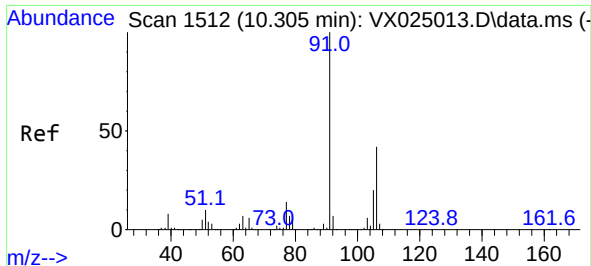


#52
Ethylbenzene
Concen: 1.811 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



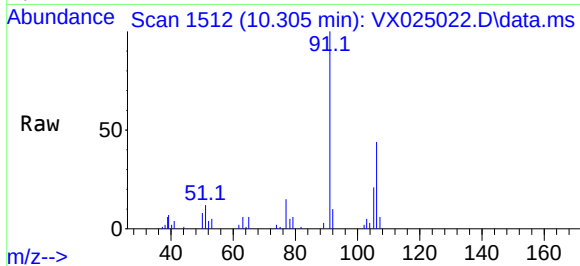
Tgt Ion: 91 Resp: 10300
Ion Ratio Lower Upper
91 100
106 31.1 20.2 37.6





#53
m,p-Xylene
Concen: 1.890 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
MDL04

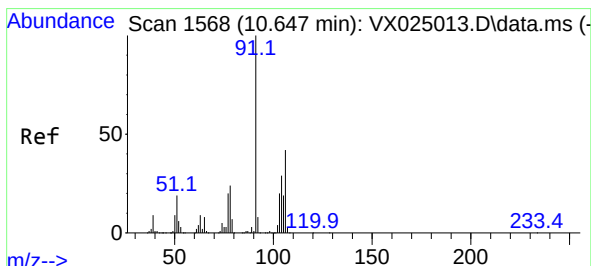
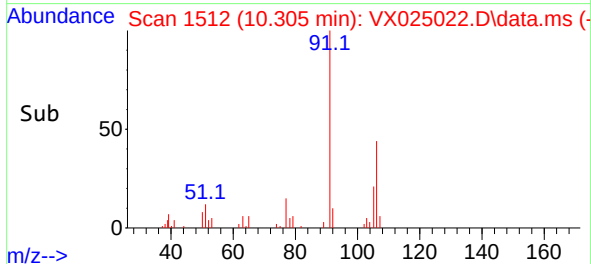
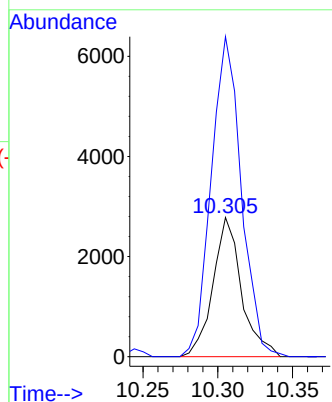


Tgt Ion:106 Resp: 3696
Ion Ratio Lower Upper
106 100
91 229.8 160.2 297.6

Manual Integrations
APPROVED

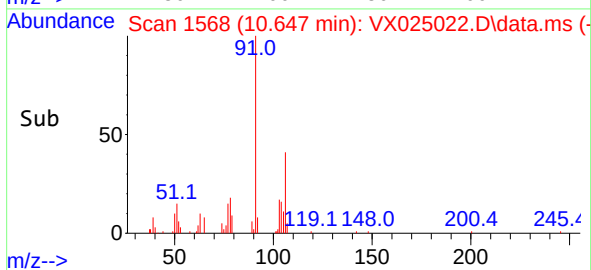
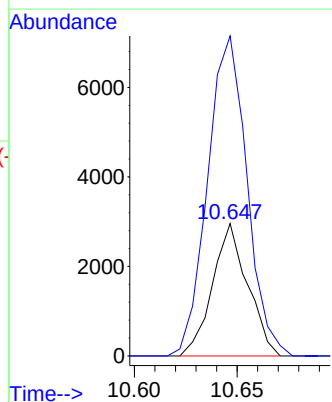
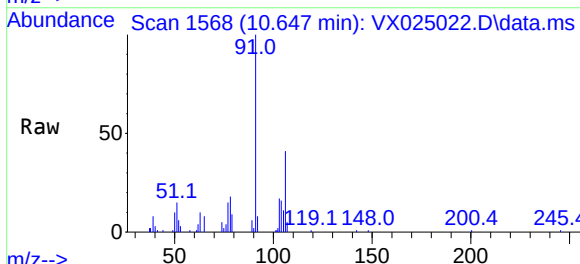
MMDadoda

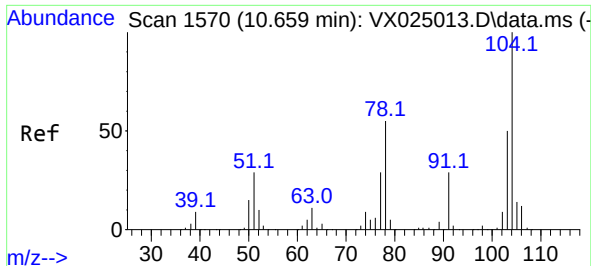
11/2/2021 2:32:45 PM



#54
o-Xylene
Concen: 1.841 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion:106 Resp: 3519
Ion Ratio Lower Upper
106 100
91 241.5 164.4 305.4





#55
Styrene
Concen: 1.685 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

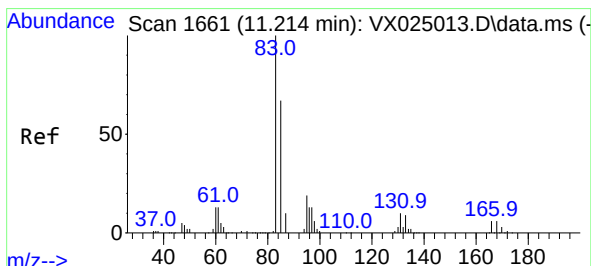
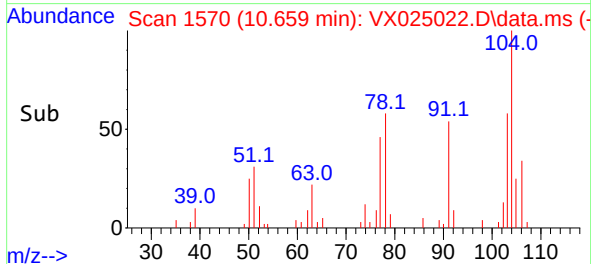
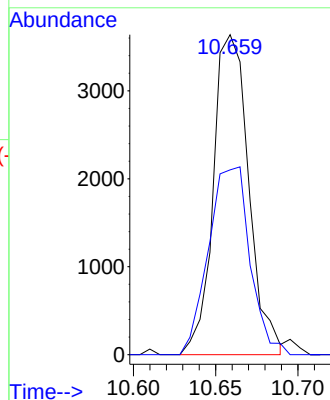
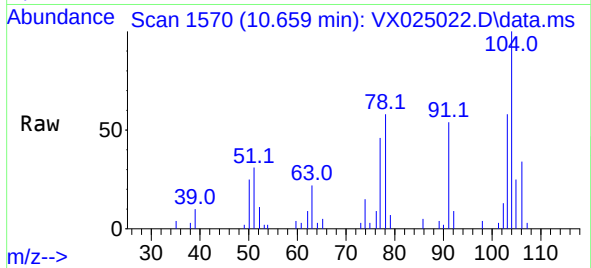
Tgt Ion:104 Resp: 5449
Ion Ratio Lower Upper
104 100
78 57.8 38.2 71.0

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

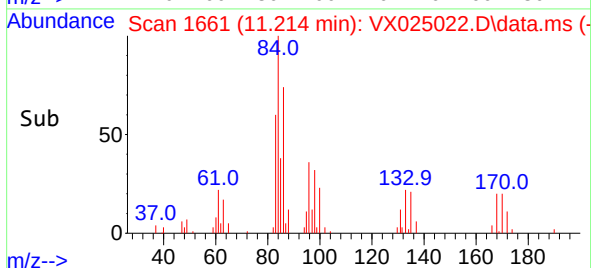
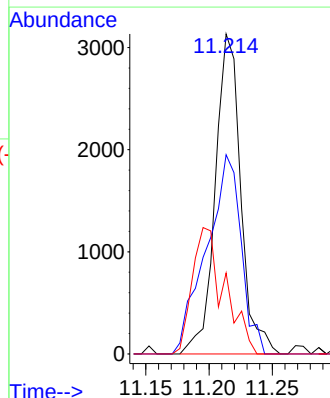
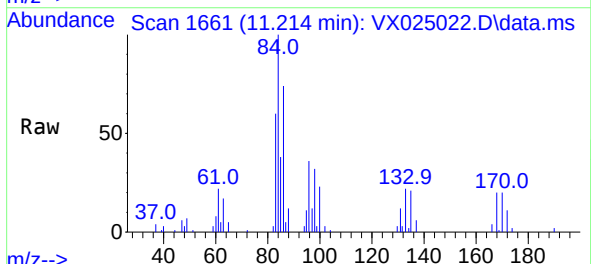
MMDadoda

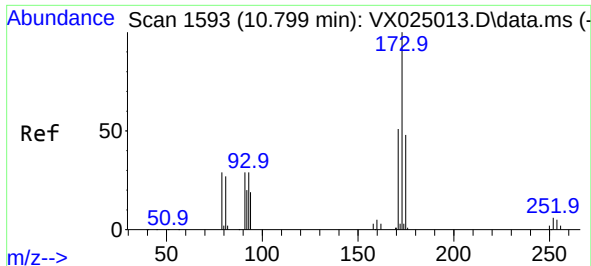
11/2/2021 2:32:45 PM



#57
1,1,2,2-Tetrachloroethane
Concen: 2.273 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

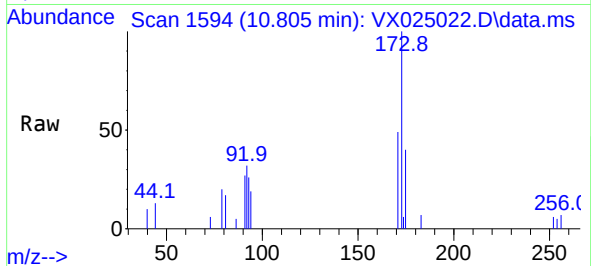
Tgt Ion: 83 Resp: 4386
Ion Ratio Lower Upper
83 100
85 62.2 46.9 87.1
131 25.3 8.7 13.1#





#59
Bromoform
Concen: 2.176 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
MSVOA_X
ClientSampled :
MDL04

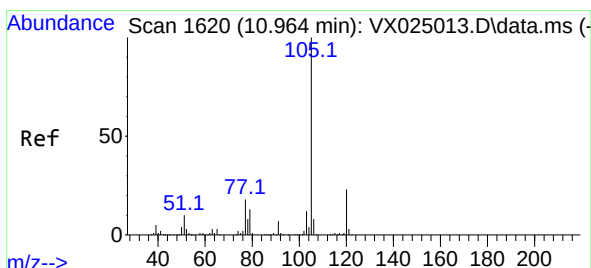
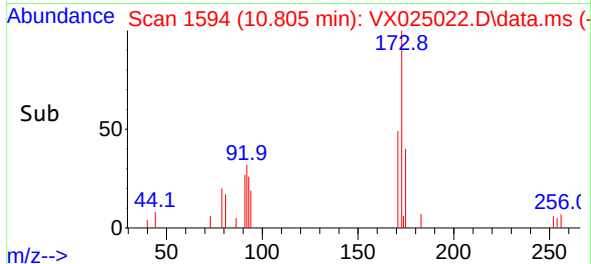
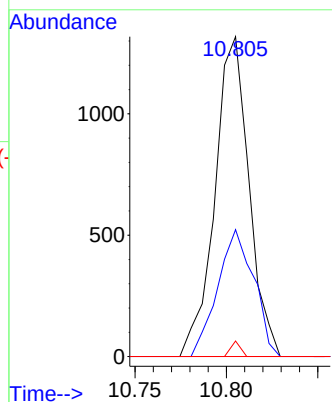


Tgt Ion:173 Resp: 1711
Ion Ratio Lower Upper
173 100
175 42.1 36.6 55.0
254 0.0 4.9 7.3#

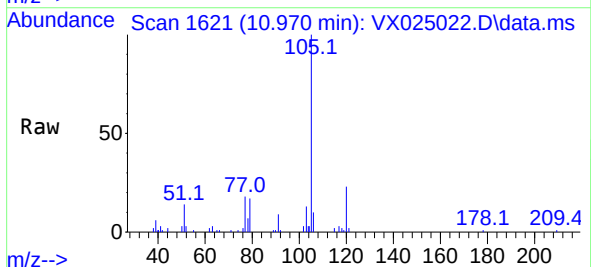
Manual Integrations
APPROVED

MMDadoda

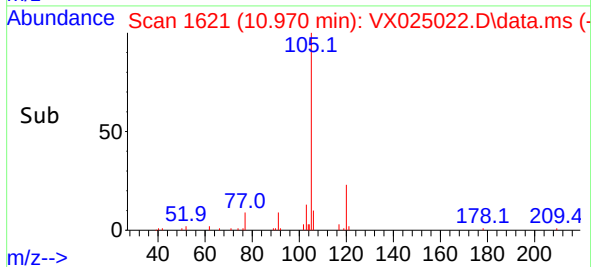
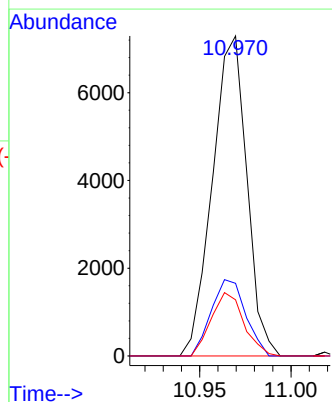
11/2/2021 2:32:45 PM

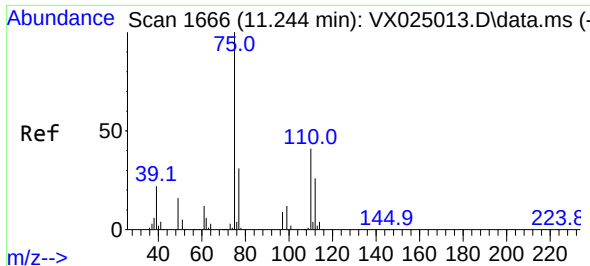


#60
Isopropylbenzene
Concen: 1.965 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



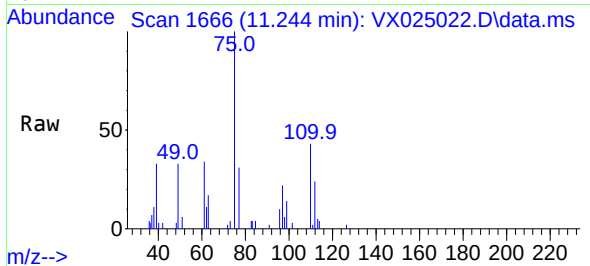
Tgt Ion:105 Resp: 9560
Ion Ratio Lower Upper
105 100
120 23.8 19.8 29.6
77 18.9 13.2 19.8





#61
1,2,3-Trichloropropane
Concen: 2.364 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
MDL04

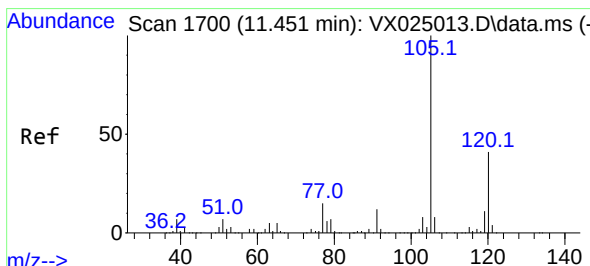
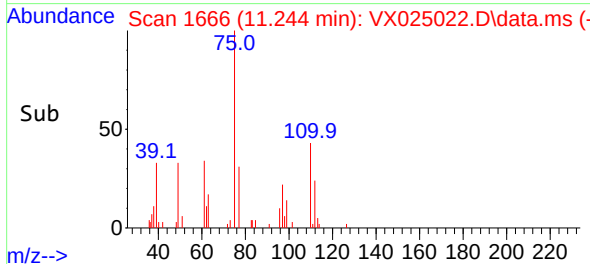
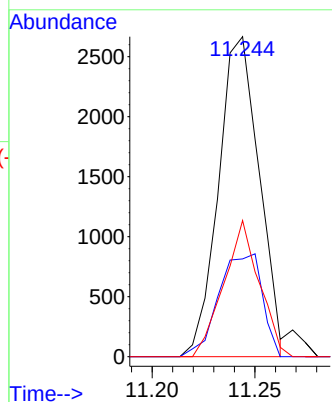


Tgt Ion: 75 Resp: 3676
Ion Ratio Lower Upper
75 100
77 34.4 26.6 39.8
110 37.2 37.2 55.8#

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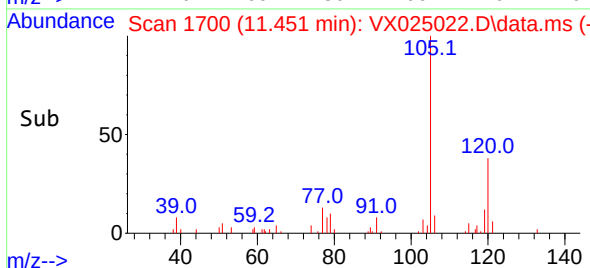
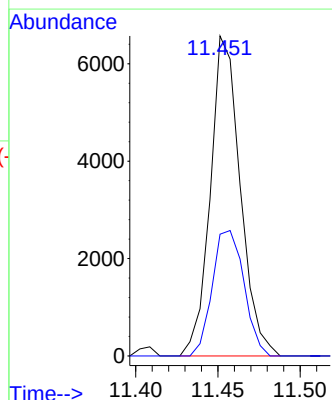
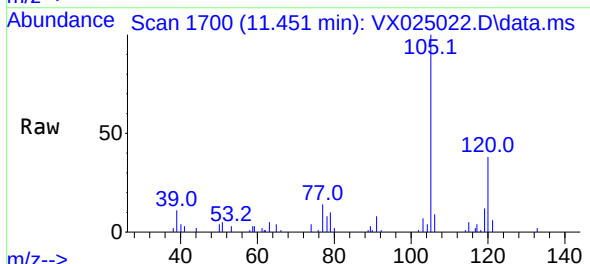
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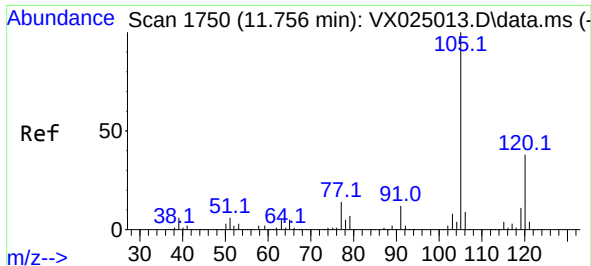
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#62
1,3,5-Trimethylbenzene
Concen: 1.974 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion: 105 Resp: 8318
Ion Ratio Lower Upper
105 100
120 41.5 34.4 51.6





#63
1,2,4-Trimethylbenzene
Concen: 2.020 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

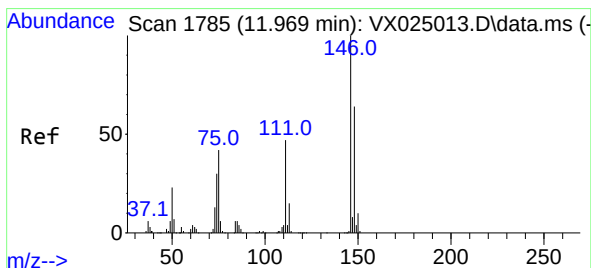
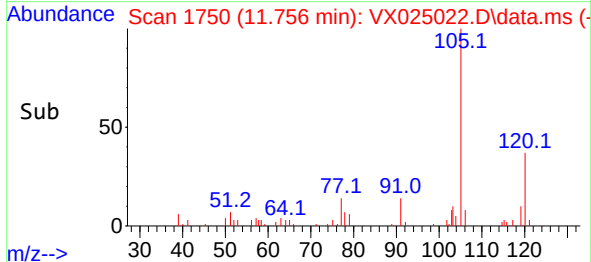
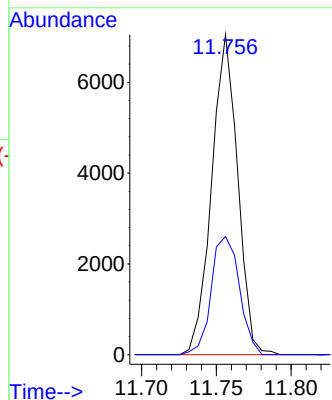
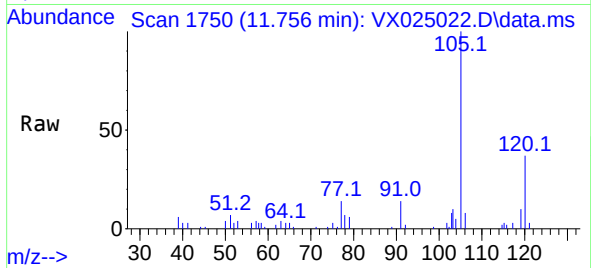
Tgt Ion:105 Resp: 8531
Ion Ratio Lower Upper
105 100
120 40.0 31.0 46.6

Instrument :
MSVOA_X
ClientSampled :
MDL04

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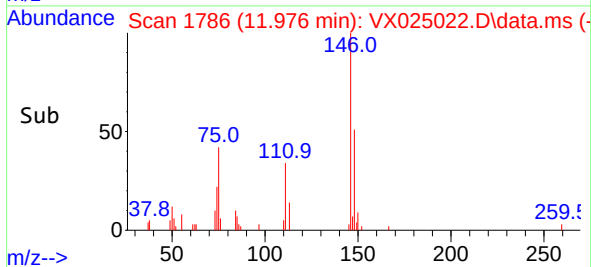
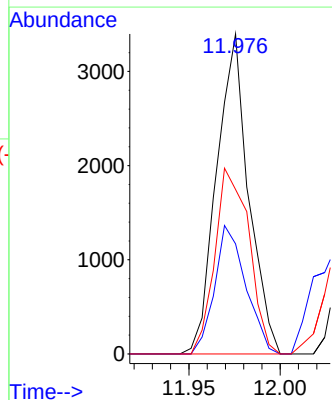
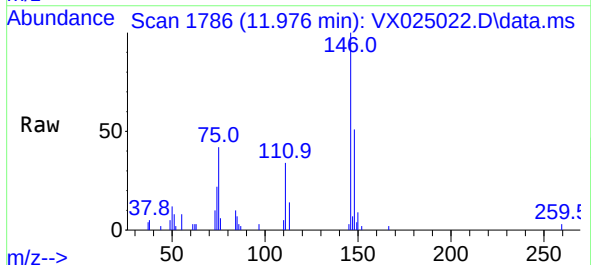
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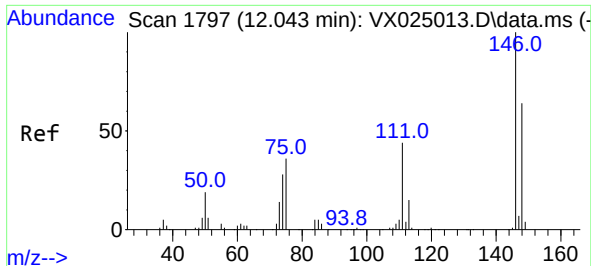
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#64
1,3-Dichlorobenzene
Concen: 2.186 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Tgt Ion:146 Resp: 4140
Ion Ratio Lower Upper
146 100
111 34.4 31.1 57.9
148 51.4 43.2 80.2





#65
1,4-Dichlorobenzene
Concen: 1.783 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

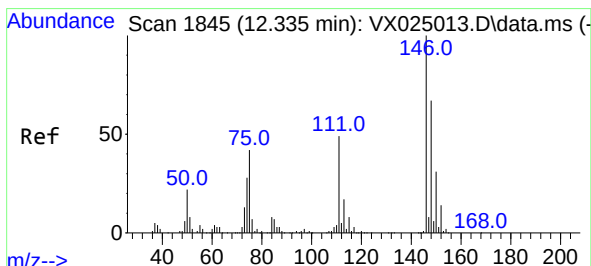
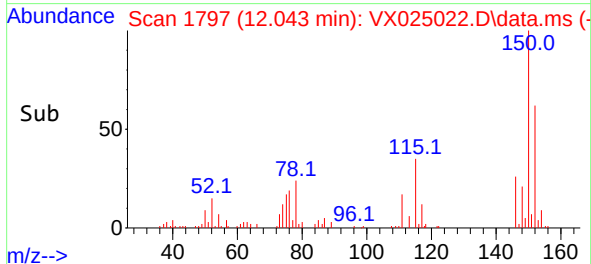
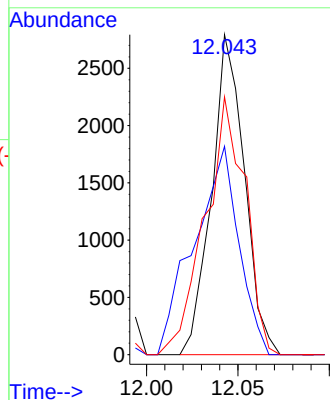
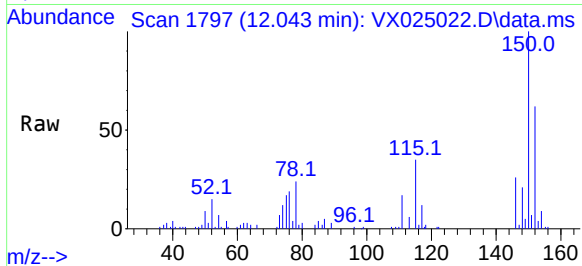
Tgt Ion:146 Resp: 3491
Ion Ratio Lower Upper
146 100
111 65.1 31.8 59.0#
148 80.6 46.1 85.5

Instrument :
MSVOA_X
ClientSampled :
MDL04

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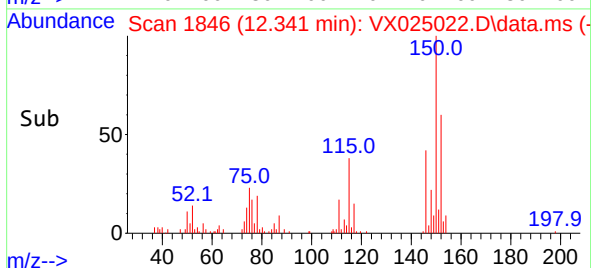
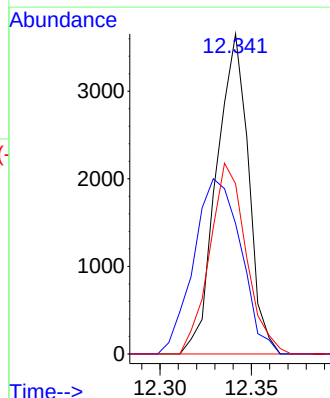
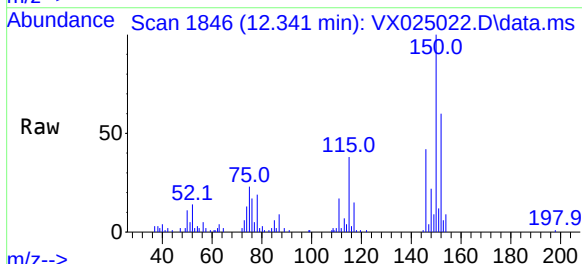
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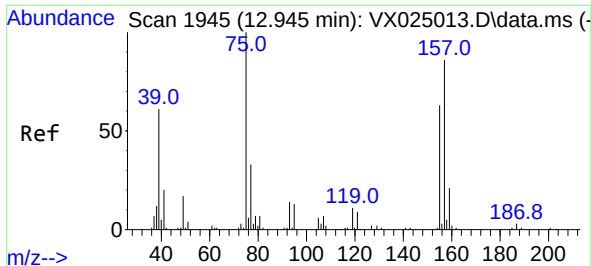
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#67
1,2-Dichlorobenzene
Concen: 2.300 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

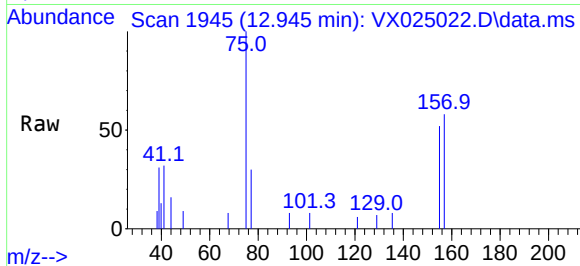
Tgt Ion:146 Resp: 4448
Ion Ratio Lower Upper
146 100
111 40.7 38.5 57.7
148 53.2 53.2 79.8#





#68
1,2-Dibromo-3-chloropropane
Concen: 1.998 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

Instrument :
MSVOA_X
ClientSampled :
MDL04

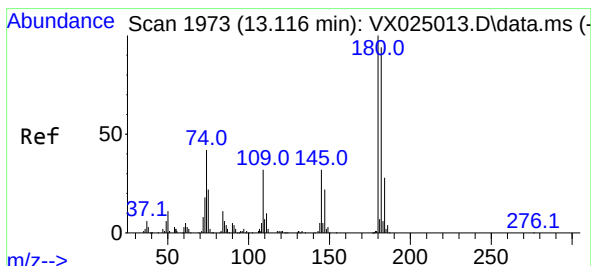
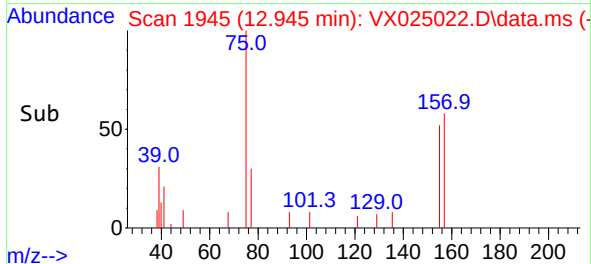
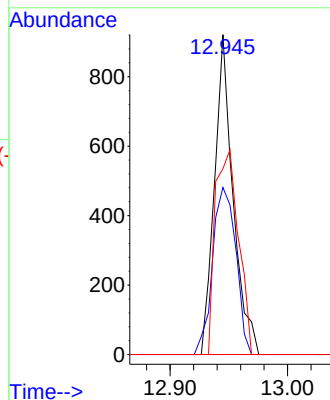


Tgt Ion: 75 Resp: 1013
Ion Ratio Lower Upper
75 100
155 52.2 59.3 88.9#
157 58.1 68.7 103.1#

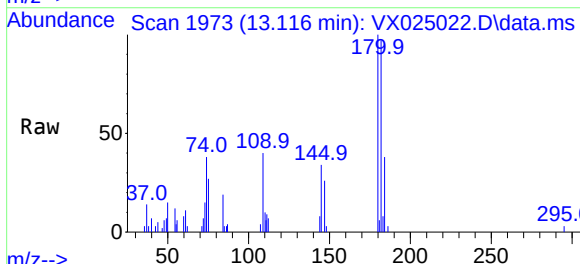
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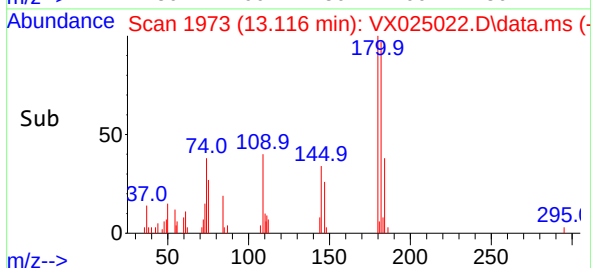
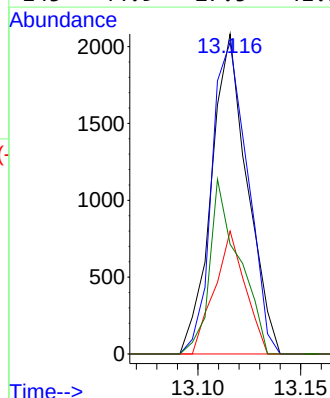
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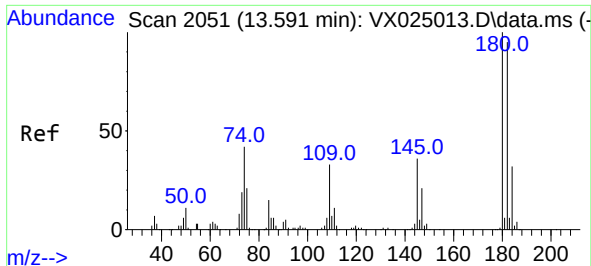


#69
1,3,5-Trichlorobenzene
Concen: 1.857 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24

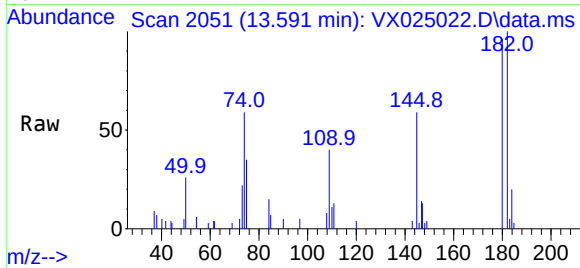


Tgt Ion: 180 Resp: 2526
Ion Ratio Lower Upper
180 100
182 97.1 74.2 111.4
184 32.8 23.7 35.5
145 44.9 27.5 41.3#

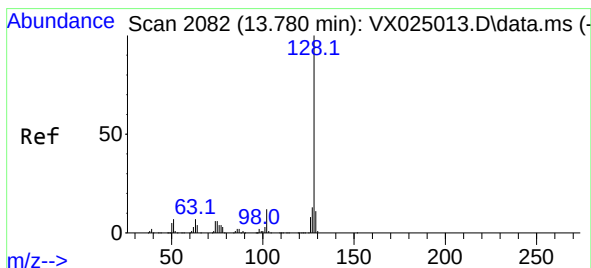
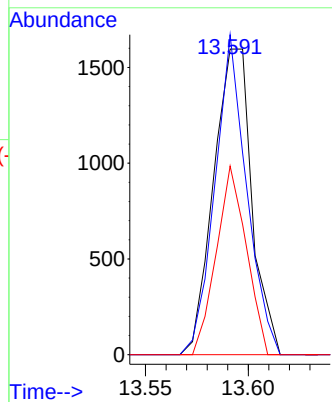
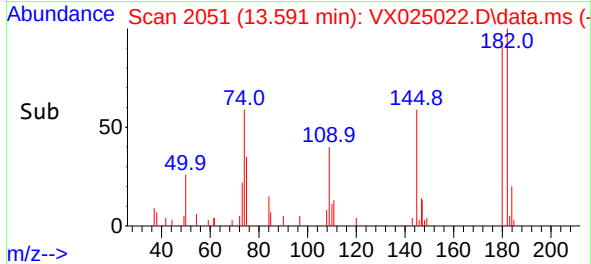




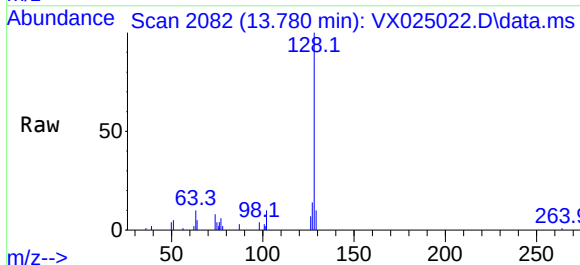
#70
1,2,4-trichlorobenzene
Concen: 1.791 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



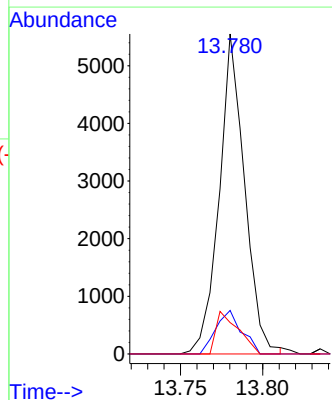
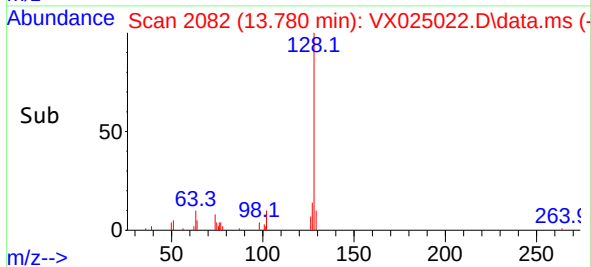
Tgt Ion:180 Resp: 2064
Ion Ratio Lower Upper
180 100
182 86.8 76.4 114.6
145 48.5 28.8 43.2#



#71
Naphthalene
Concen: 1.498 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025022.D
Acq: 29 Oct 2021 14:24



Tgt Ion:128 Resp: 5970
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.6 9.1 13.7

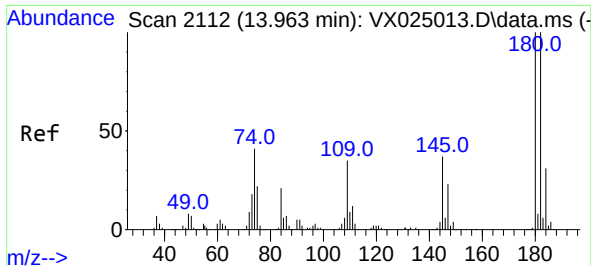


Instrument :
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ClientSampleId :
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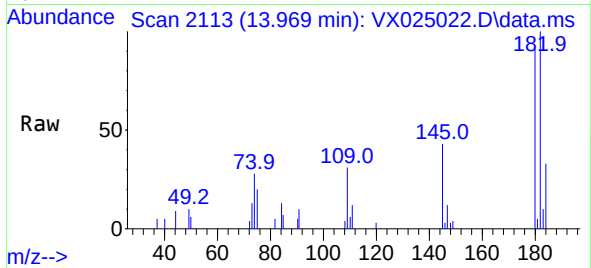
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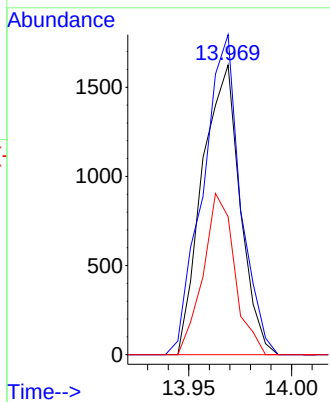
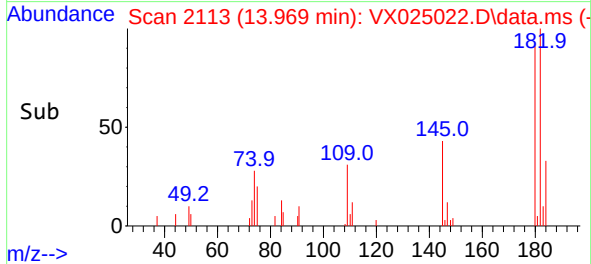
11/2/2021 2:32:45 PM



#72
 1,2,3-Trichlorobenzene
 Concen: 1.756 ug/L
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX025022.D
 Acq: 29 Oct 2021 14:24



Tgt Ion:180 Resp: 2082
 Ion Ratio Lower Upper
 180 100
 182 109.6 73.3 109.9
 145 46.3 29.0 43.4#



Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

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