

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102820\
 Data File : VV019141.D
 Acq On : 28 Oct 2020 18:21
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

sam
 10/29/2020 3:32:10 PM

Quant Time: Oct 29 04:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 03:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	218317	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	210892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73330	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.94%
7) Chloroethane-d5	1.58	69	62891	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.12	63	124559	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.91	46	112255	84.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.16%
24) Chloroform-d	4.37	84	155975	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.05	65	112153	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.07	84	297317	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.09	67	88270	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.48%
41) Toluene-d8	7.34	98	271617	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.64	79	48297	45.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.20%
47) 2-Hexanone-d5	8.11	63	79686	87.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.71%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	118766	42.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	118707	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	4435	2.608 ug/L	97
3) Chloromethane	1.25	50	3993	1.888 ug/L	98
5) Vinyl chloride	1.32	62	4875	2.340 ug/L #	72
6) Bromomethane	1.53	94	2994	2.512 ug/L	94
8) Chloroethane	1.60	64	3129	2.395 ug/L	100
9) Trichlorofluoromethane	1.77	101	7484	2.731 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4607	3.161 ug/L #	86
12) 1,1-Dichloroethene	2.13	96	4485	3.076 ug/L #	1
13) Acetone	2.19	43	4957m	5.483 ug/L	
14) Carbon disulfide	2.31	76	10624	2.210 ug/L	99
15) Methyl Acetate	2.46	43	3898	2.052 ug/L	94
16) Methylene chloride	2.52	84	4074	2.397 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	3711	2.408 ug/L	89
18) Methyl tert-butyl Ether	2.79	73	12336	2.469 ug/L	95
19) 1,1-Dichloroethane	3.21	63	7174	2.306 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	4188	2.542 ug/L	95
22) 2-Butanone	4.02	43	4566m	3.684 ug/L	

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Manual Integrations
 APPROVED

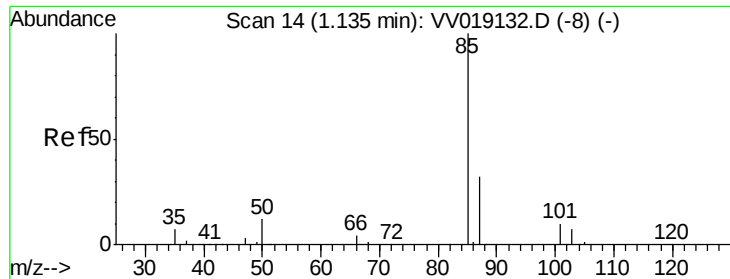
sam
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.29	128	2165	2.581	uq/L #	82
25) Chloroform	4.40	83	9062	2.957	uq/L	99
27) 1,2-Dichloroethane	5.16	62	6503m	2.557	uq/L	
29) Cyclohexane	4.70	56	5106	2.023	uq/L #	82
30) 1,1,1-Trichloroethane	4.63	97	7045m	2.683	uq/L	
31) Carbon tetrachloride	4.86	117	6570	2.870	uq/L	94
33) Benzene	5.13	78	15759	2.441	uq/L	100
34) Trichloroethene	5.94	95	4309	2.641	uq/L	94
35) Methylcyclohexane	6.15	83	4871	2.182	uq/L	98
37) 1,2-Dichloropropane	6.20	63	4015	2.259	uq/L #	93
38) Bromodichloromethane	6.54	83	5572	2.478	uq/L	97
39) cis-1,3-Dichloropropene	7.05	75	5901m	2.247	uq/L	
40) 4-Methyl-2-pentanone	7.25	43	9155	3.818	uq/L	93
42) Toluene	7.41	91	16637	2.511	uq/L	96
44) trans-1,3-Dichloropropene	7.68	75	6457m	2.478	uq/L	
45) 1,1,2-Trichloroethane	7.87	97	3891	2.479	uq/L	93
46) Tetrachloroethene	8.00	164	3573	2.854	uq/L	96
48) 2-Hexanone	8.17	43	8518	4.604	uq/L #	90
49) Dibromochloromethane	8.27	129	4564	2.660	uq/L	98
50) 1,2-Dibromoethane	8.38	107	3859	2.369	uq/L #	91
51) Chlorobenzene	8.90	112	11160	2.626	uq/L	98
52) Ethylbenzene	9.04	91	17098	2.386	uq/L	97
53) m,p-Xylene	9.16	106	6210	2.367	uq/L	91
54) o-xylene	9.57	106	6485	2.568	uq/L	97
55) Styrene	9.59	104	10278	2.294	uq/L	91
56) Isopropylbenzene	9.95	105	16269	2.450	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	6400	2.478	uq/L #	90
59) 1,2,3-Trichloropropane	10.30	75	5496	2.645	uq/L	95
61) Bromoform	9.76	173	3520	2.826	uq/L #	88
62) 1,3-Dichlorobenzene	11.21	146	8910	2.684	uq/L	93
63) 1,4-Dichlorobenzene	11.30	146	9967	2.874	uq/L	98
65) 1,2-Dichlorobenzene	11.67	146	9961	2.976	uq/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	1532	2.591	uq/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	6390	2.819	uq/L	96
68) 1,2,4-trichlorobenzene	13.29	180	5367	2.511	uq/L	97
69) Naphthalene	13.53	128	13127	1.993	uq/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	5815	2.685	uq/L	93

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



#2

Dichlorodifluoromethane

Concen: 2.608 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 85 Resp: 4435

Ion Ratio Lower Upper

85 100

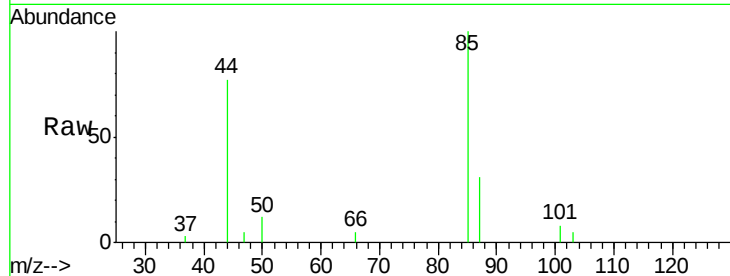
87 30.4 25.5 38.3

Manual Integrations

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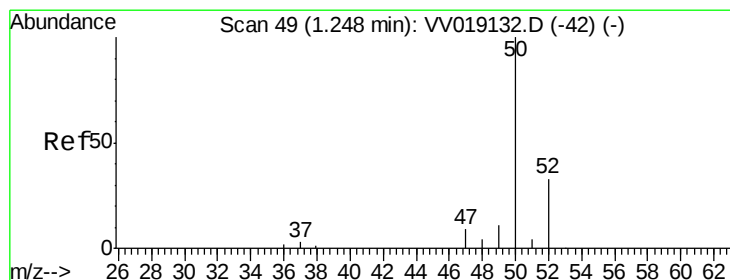
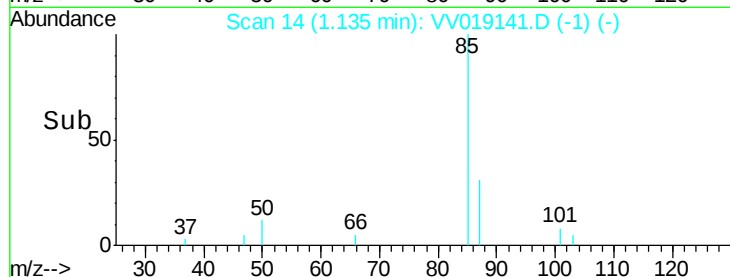
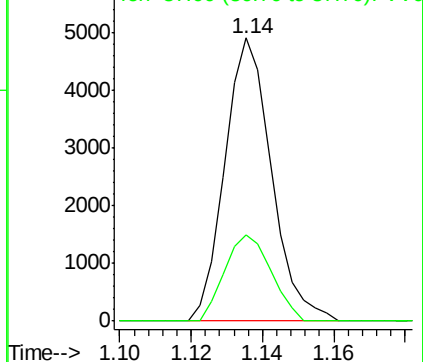
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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 1.888 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV019141.D

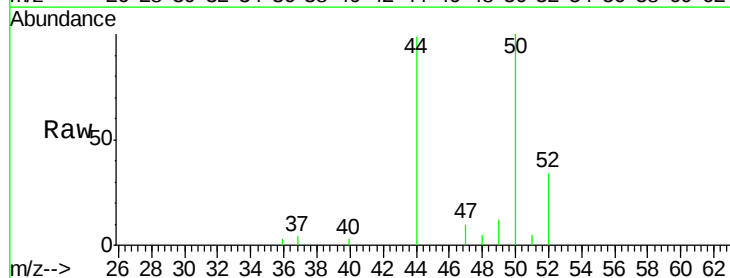
Acq: 28 Oct 2020 18:21

Tgt Ion: 50 Resp: 3993

Ion Ratio Lower Upper

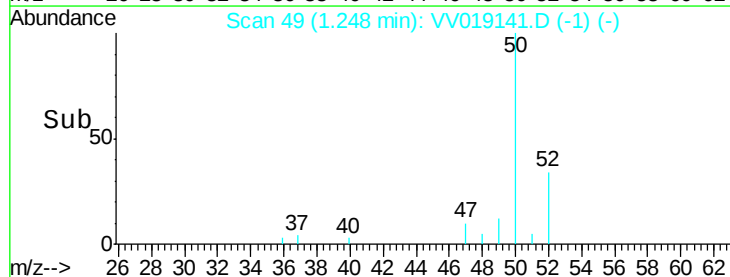
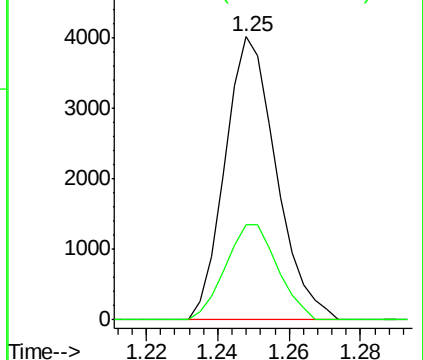
50 100

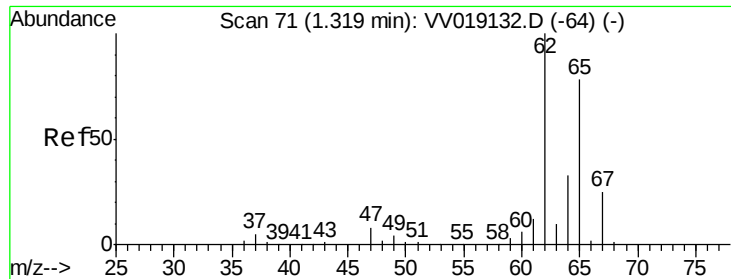
52 33.5 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 2.340 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 62 Resp: 4875

Ion Ratio Lower Upper

62 100

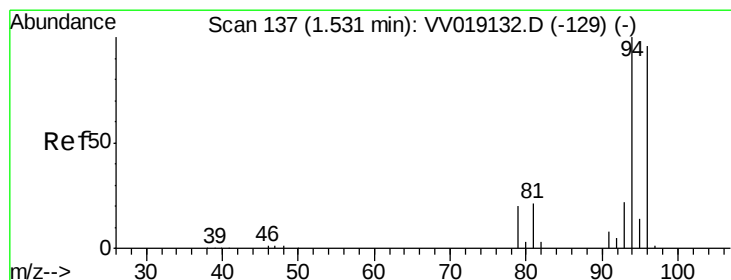
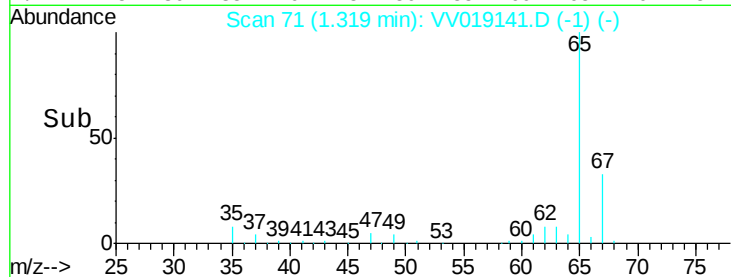
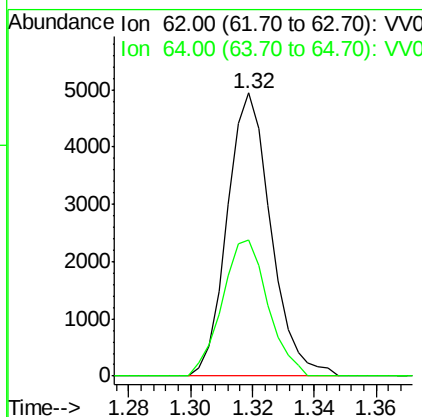
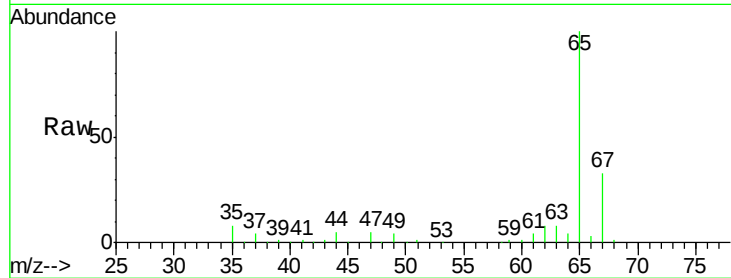
64 48.2 22.9 42.5#

Manual Integrations

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#6

Bromomethane

Concen: 2.512 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV019141.D

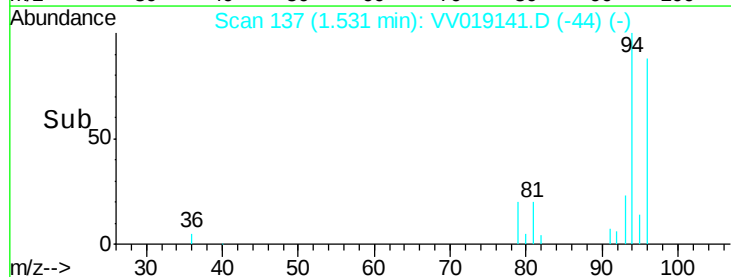
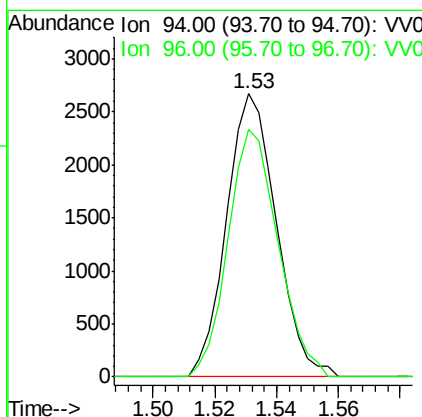
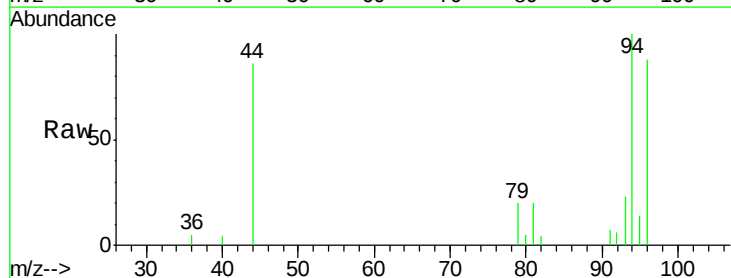
Acq: 28 Oct 2020 18:21

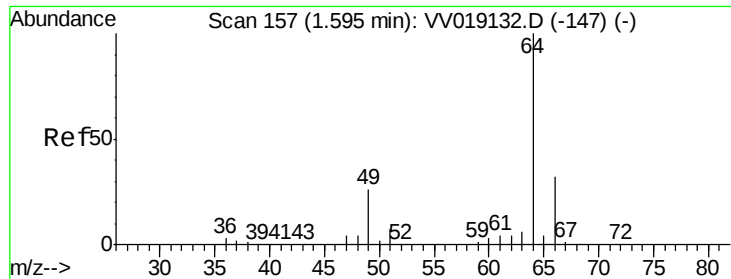
Tgt Ion: 94 Resp: 2994

Ion Ratio Lower Upper

94 100

96 87.5 65.3 121.3





#8

Chloroethane

Concen: 2.395 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tot Ion: 64 Resp: 3129

Ion Ratio Lower Upper

64 100

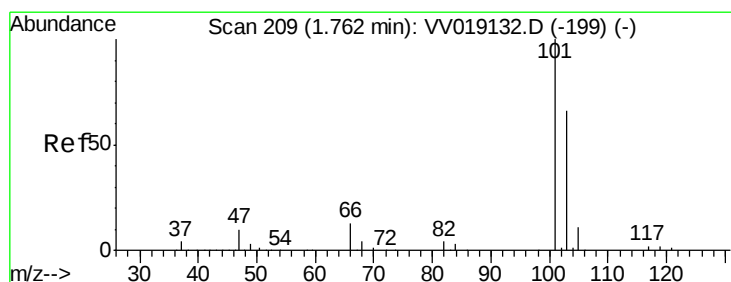
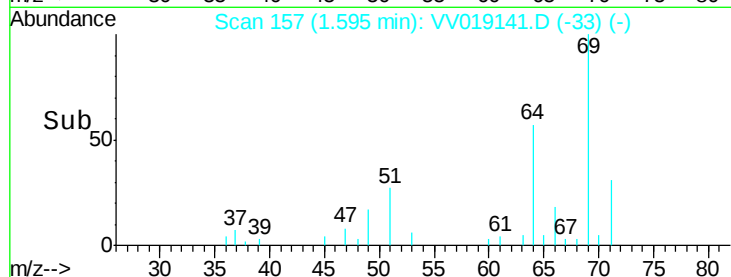
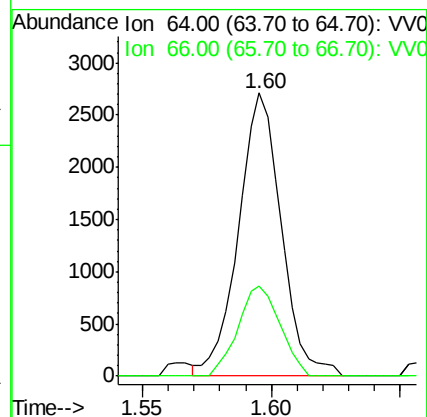
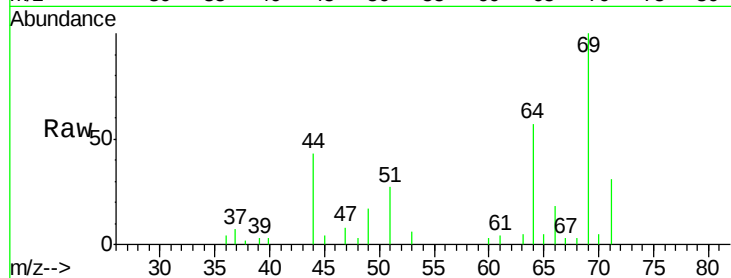
66 32.0 22.5 41.9

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 2.731 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV019141.D

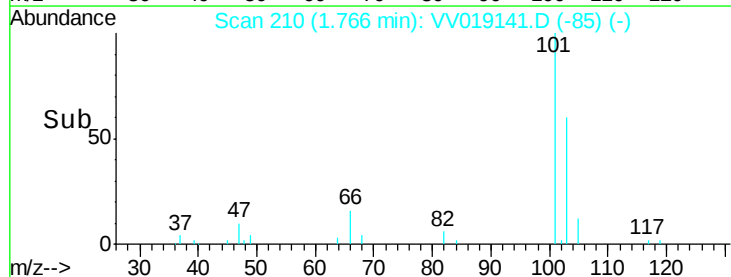
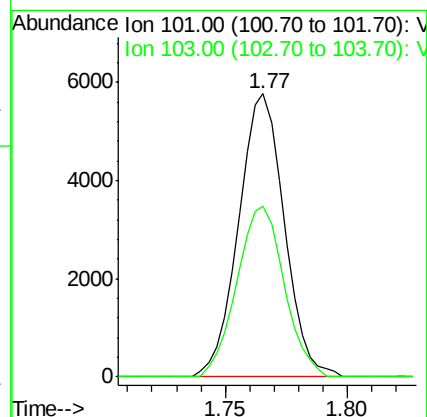
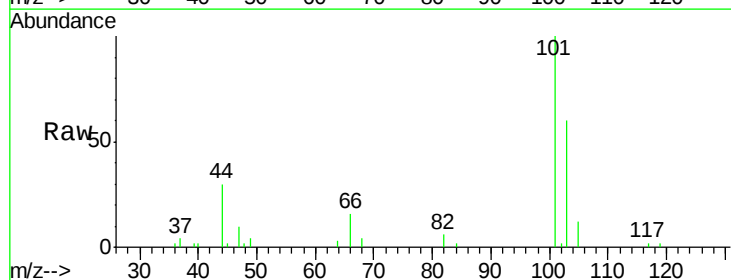
Acq: 28 Oct 2020 18:21

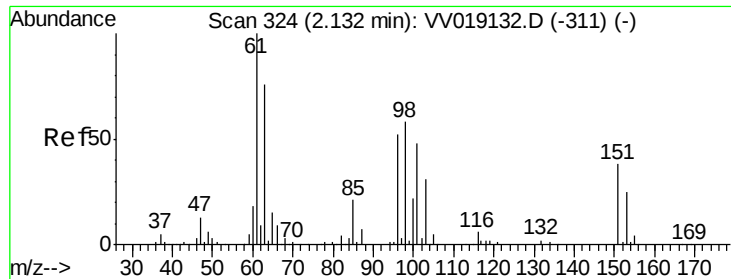
Tgt Ion: 101 Resp: 7484

Ion Ratio Lower Upper

101 100

103 62.5 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.161 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

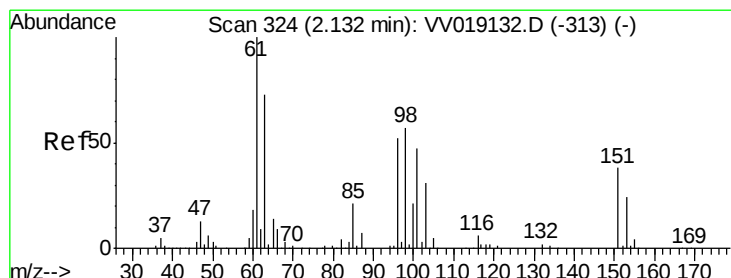
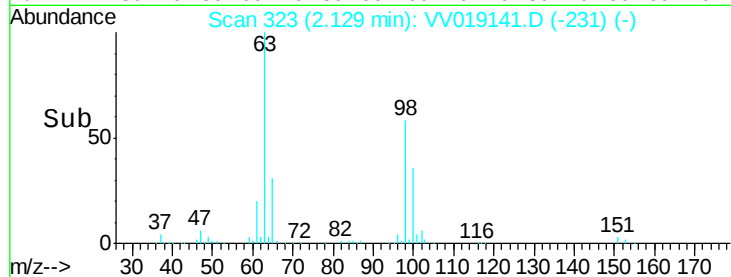
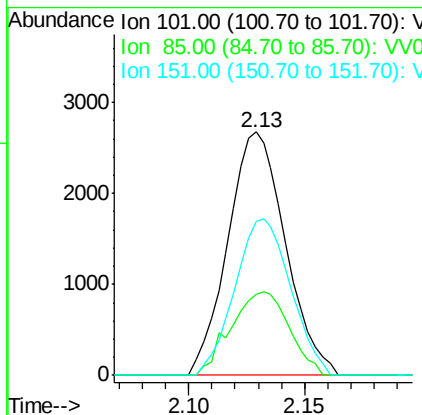
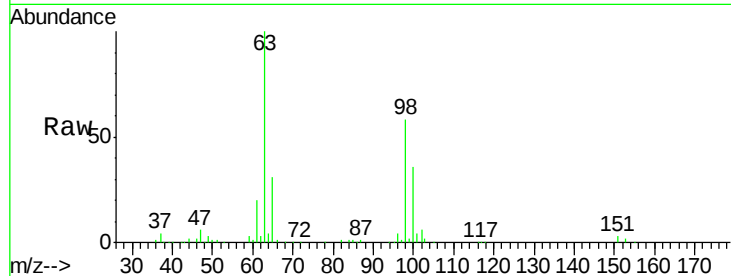
ClientSampleId :

MDL06

Tot Ion:	101	Resp:	4607
Ion Ratio	Lower	Upper	
101	100		
85	34.9	36.9	55.3#
151	62.4	58.2	87.2

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 3.076 ug/L

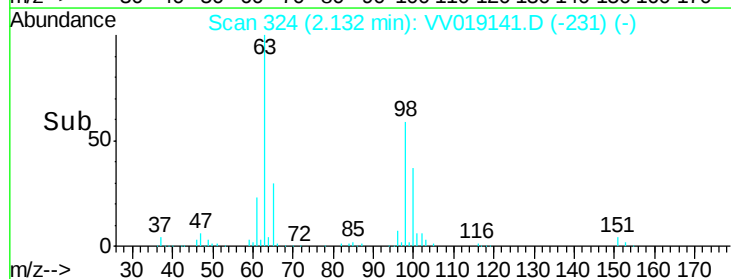
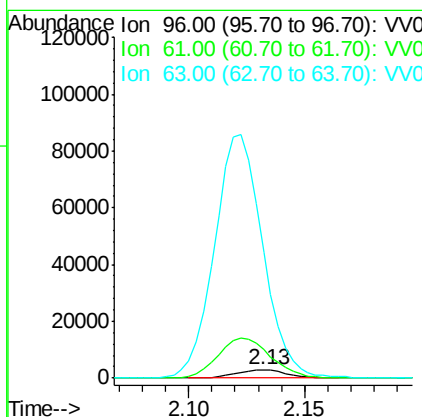
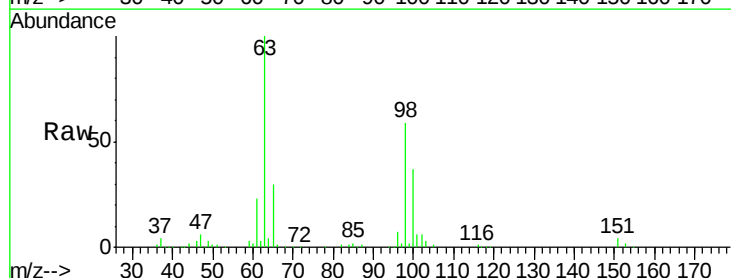
RT: 2.13 min Scan# 324

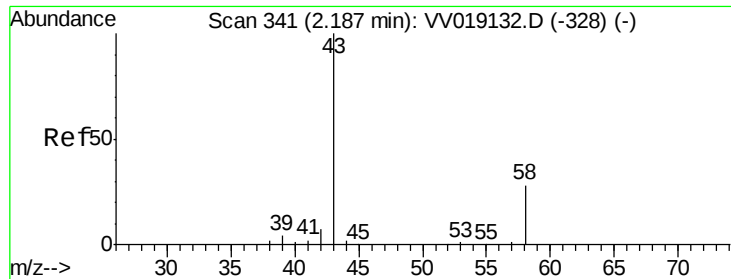
Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion:	96	Resp:	4485
Ion Ratio	Lower	Upper	
96	100		
61	341.9	138.7	257.7#
63	1507.8	126.3	234.6#





#13

Acetone

Concen: 5.483 ug/L m

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 43 Resp: 4957

Ion Ratio Lower Upper

43 100

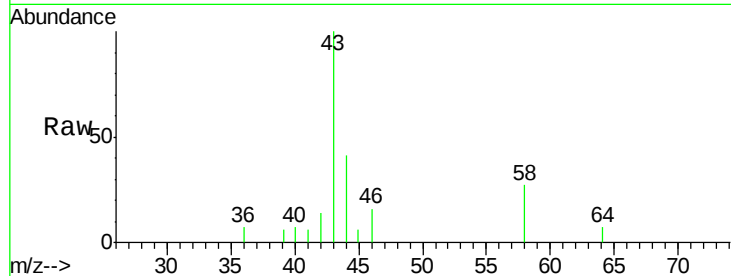
58 25.8 0.0 60.2

Manual Integrations

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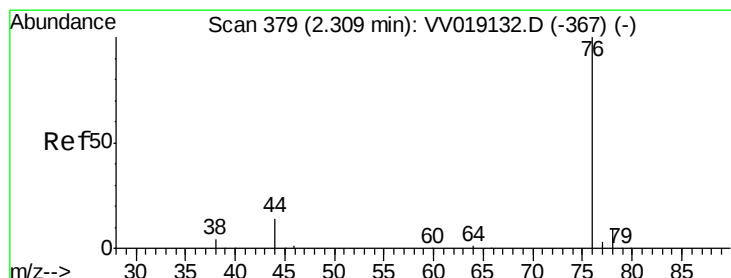
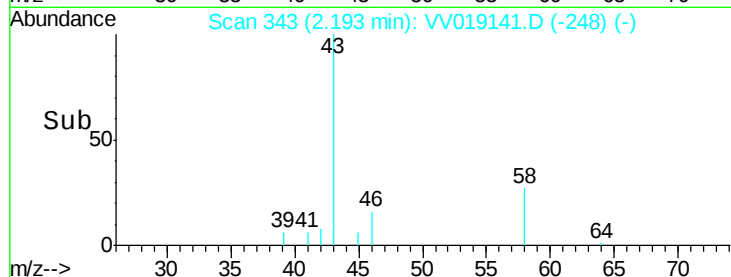
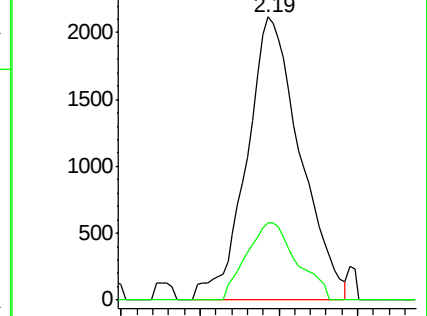
sam

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 2.210 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV019141.D

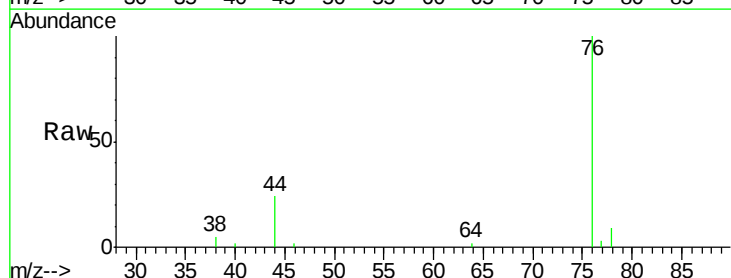
Acq: 28 Oct 2020 18:21

Tgt Ion: 76 Resp: 10624

Ion Ratio Lower Upper

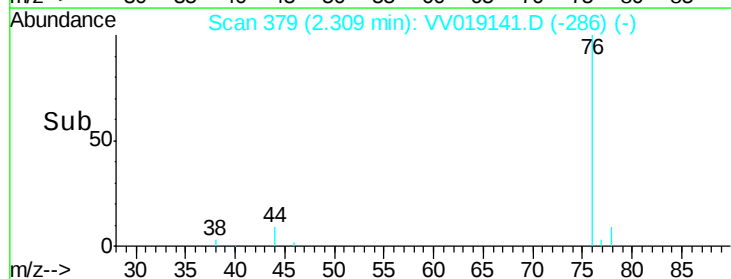
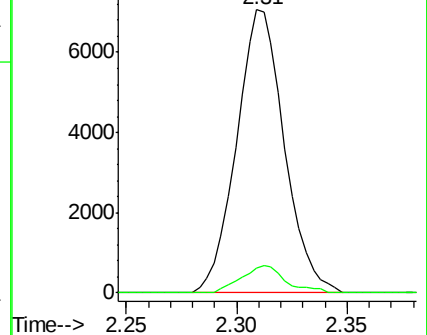
76 100

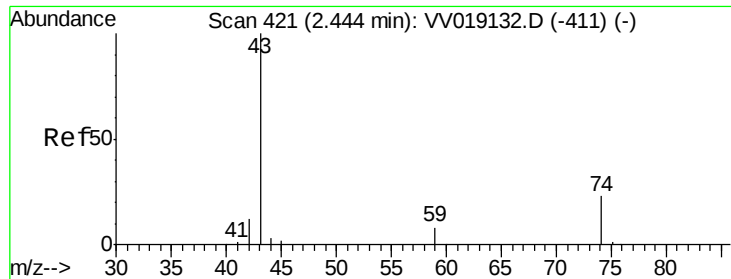
78 8.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





#15

Methvl Acetate

Concen: 2.052 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.01 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tot Ion: 43 Resp: 3898

Ion Ratio Lower Upper

43 100

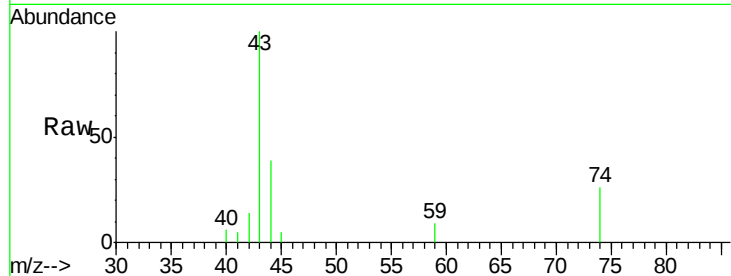
74 23.4 16.4 24.6

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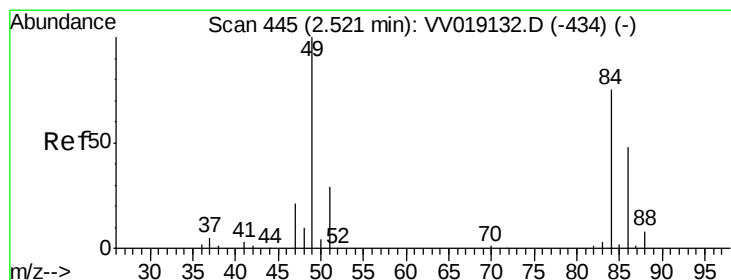
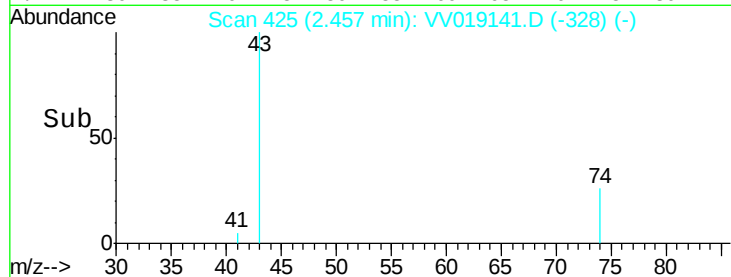
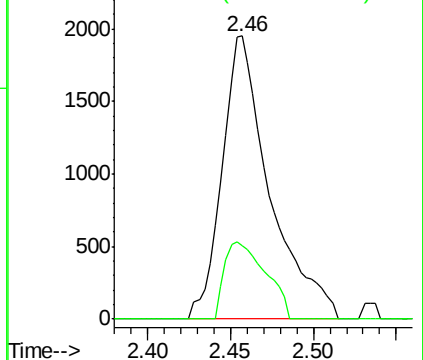
sam

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 2.397 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

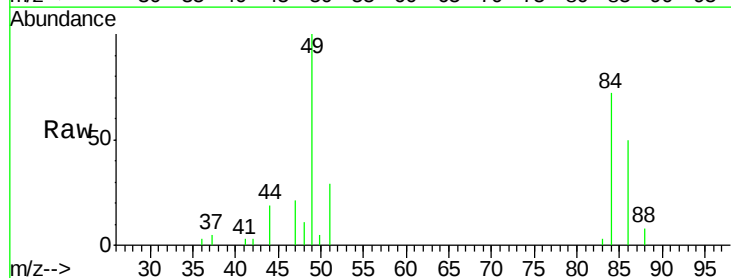
Tgt Ion: 84 Resp: 4074

Ion Ratio Lower Upper

84 100

86 69.9 44.2 82.2

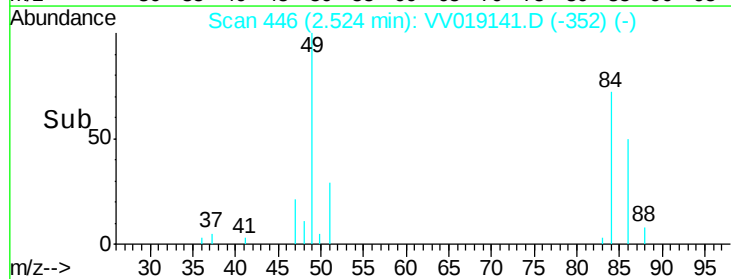
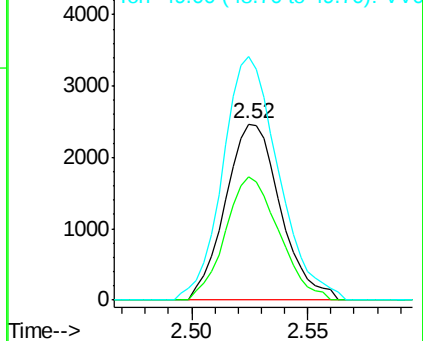
49 138.5 98.0 182.0

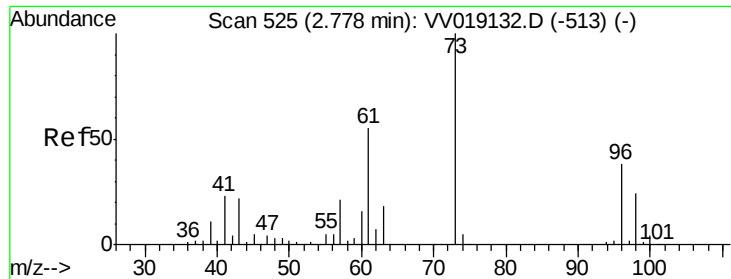


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

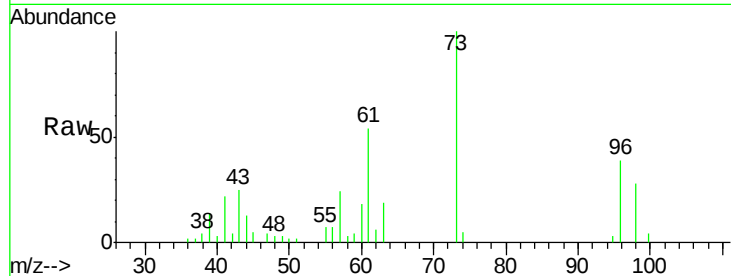
trans-1,2-Dichloroethene
Concen: 2.408 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Instrument :
MSVOA_V
ClientSampleId :
MDL06

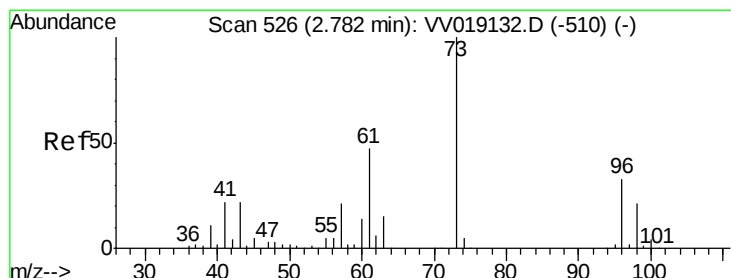
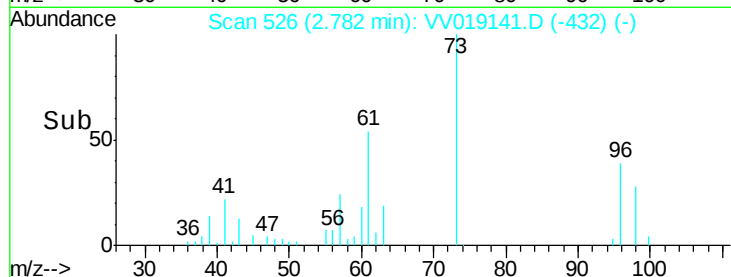
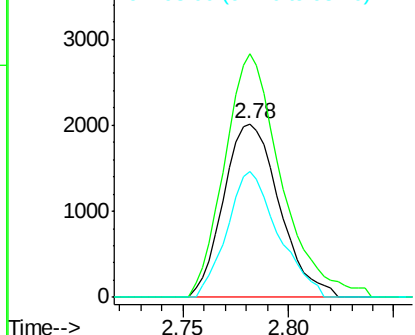
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	108.6	201.8
98	72.9	45.7	84.9

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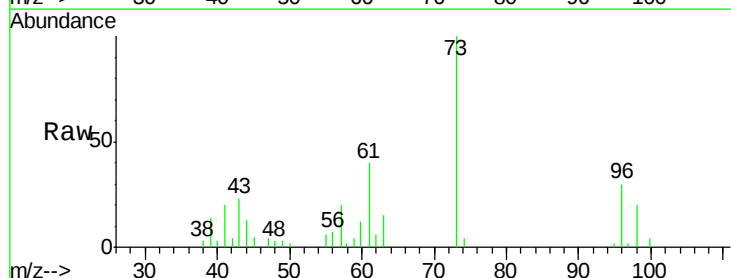
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



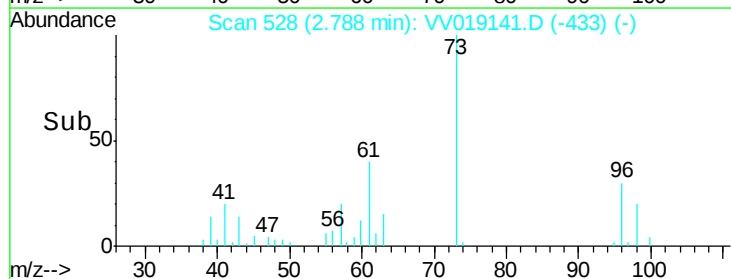
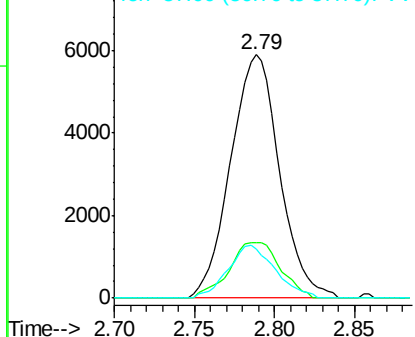
#18

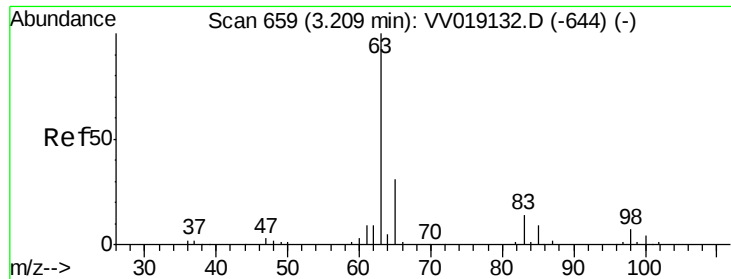
Methyl tert-butyl Ether
Concen: 2.469 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.0	17.2	25.8
57	20.9	18.5	27.7



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0





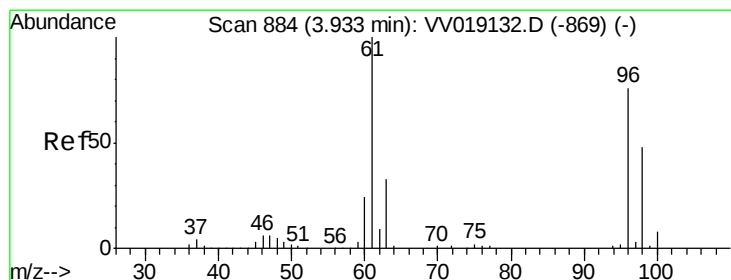
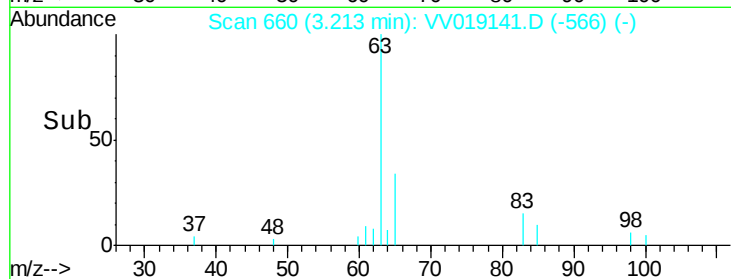
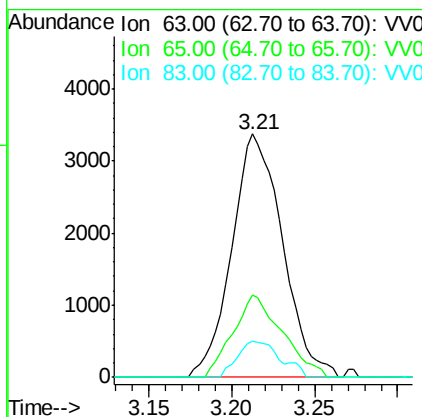
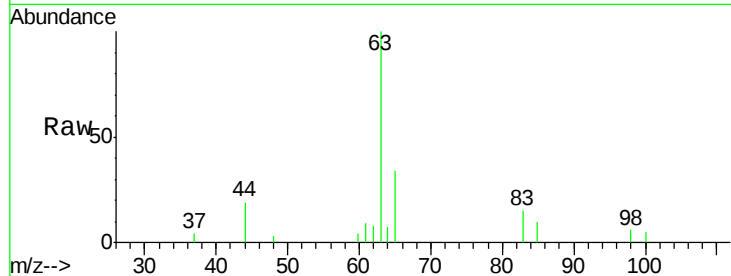
#19
 1,1-Dichloroethane
 Concen: 2.306 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.7	42.1
83	14.7	9.0	16.8

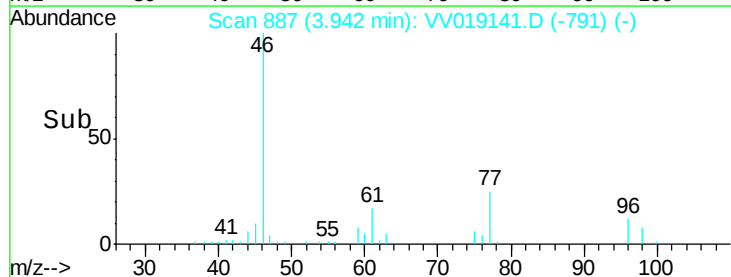
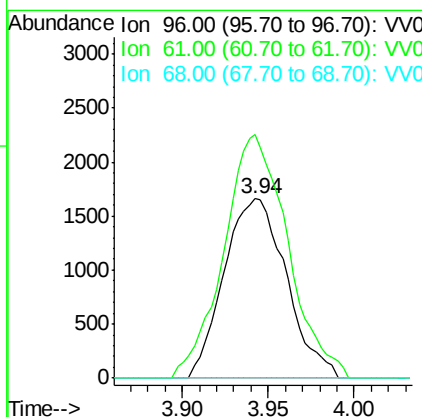
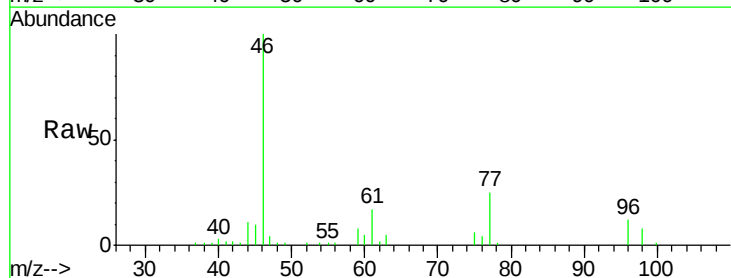
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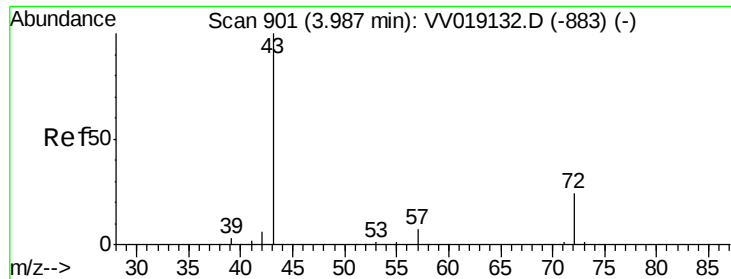
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#20
 cis-1,2-Dichloroethene
 Concen: 2.542 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.9	99.4	184.6
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 3.684 ug/L m

RT: 4.02 min Scan# 912

Delta R.T. 0.04 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tot Ion: 43 Resp: 4566

Ion Ratio Lower Upper

43 100

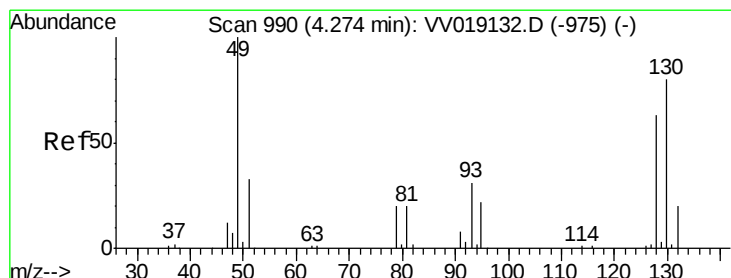
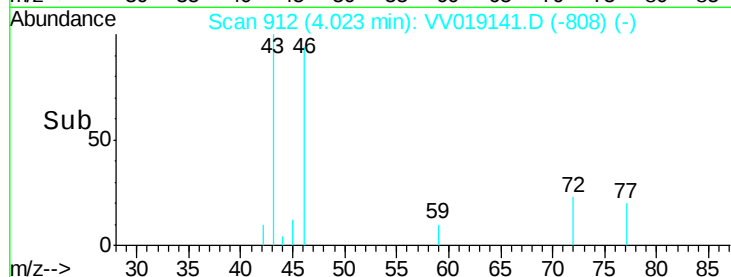
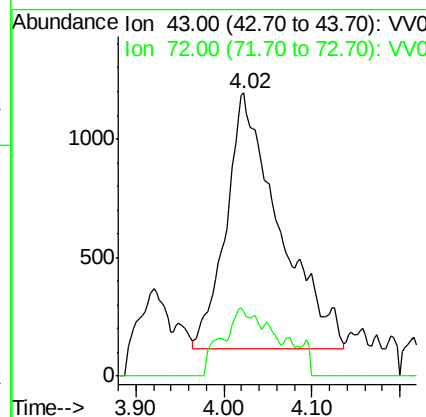
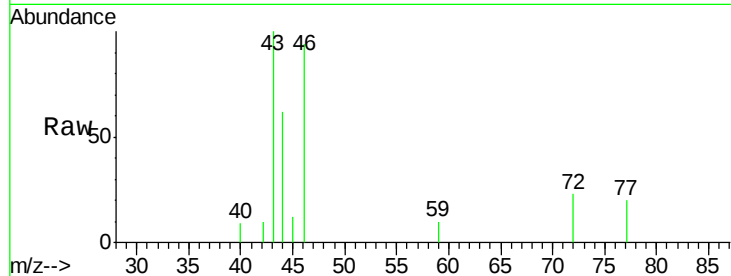
72 8.4 10.8 32.4#

Manual Integrations

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#23

Bromochloromethane

Concen: 2.581 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.01 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion: 128 Resp: 2165

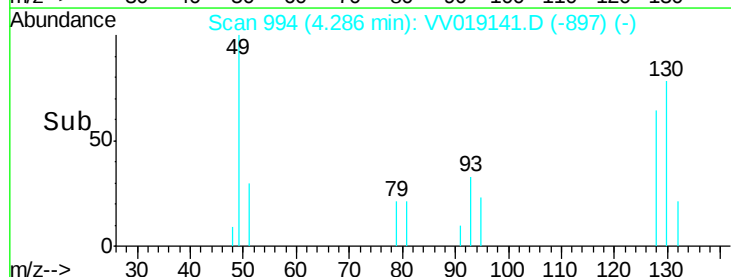
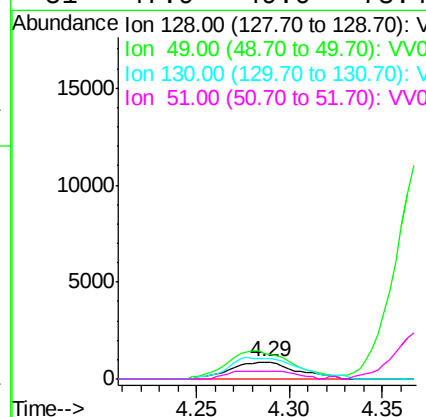
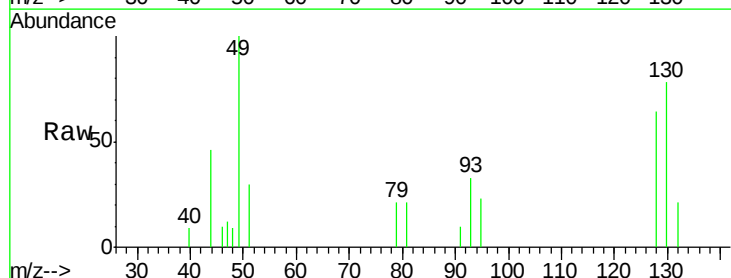
Ion Ratio Lower Upper

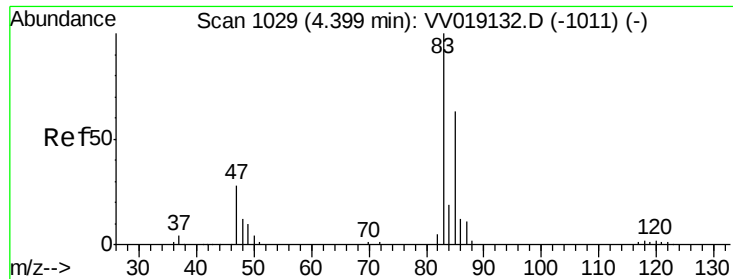
128 100

49 157.4 137.1 254.5

130 122.8 92.0 170.9

51 47.9 49.0 73.4#





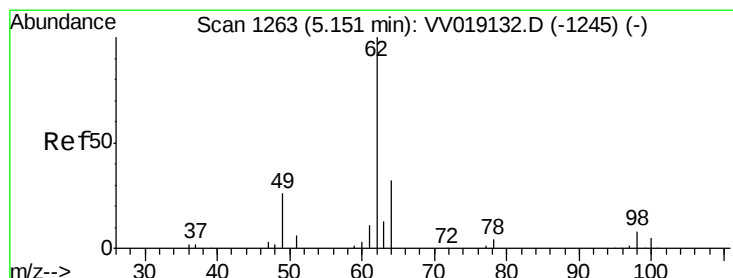
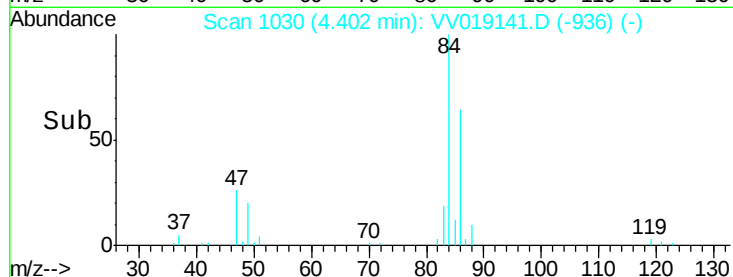
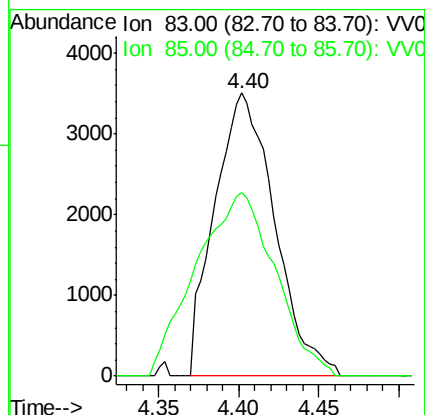
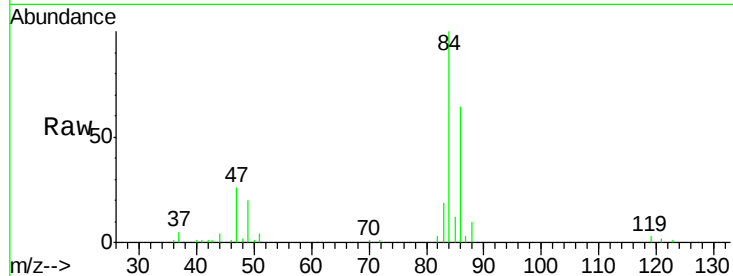
#25
Chloroform
Concen: 2.957 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tot Ion: 83 Resp: 9062
Ion Ratio Lower Upper
83 100
85 64.7 44.5 82.7

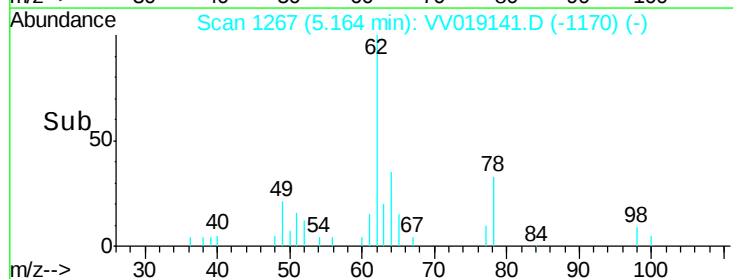
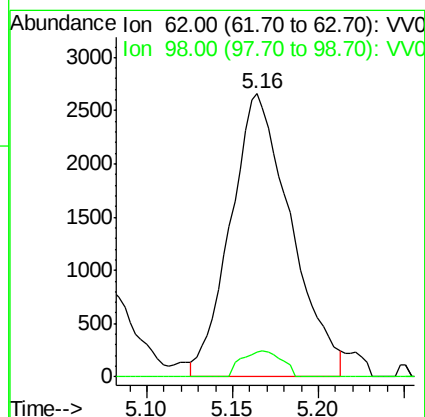
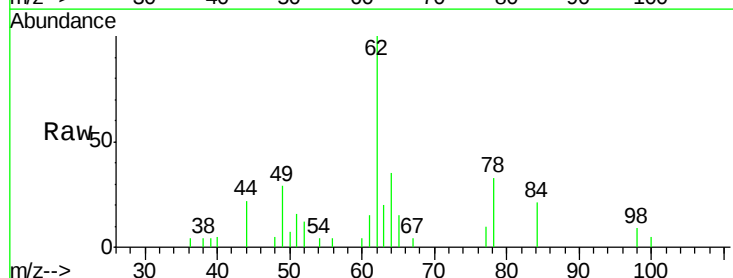
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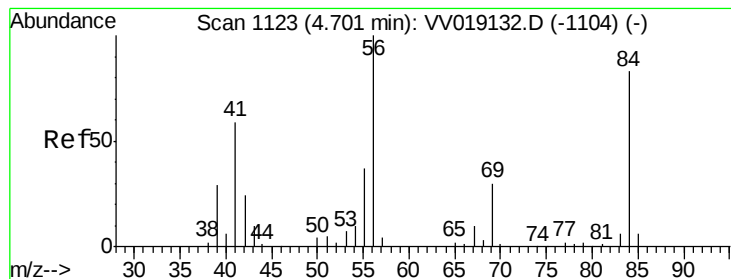
sam
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#27
1,2-Dichloroethane
Concen: 2.557 ug/L m
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Tgt Ion: 62 Resp: 6503
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

Cyclohexane

Concen: 2.023 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

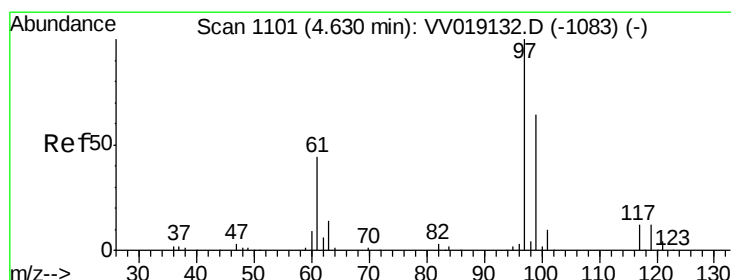
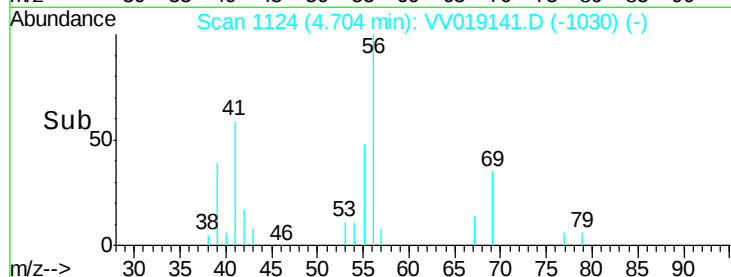
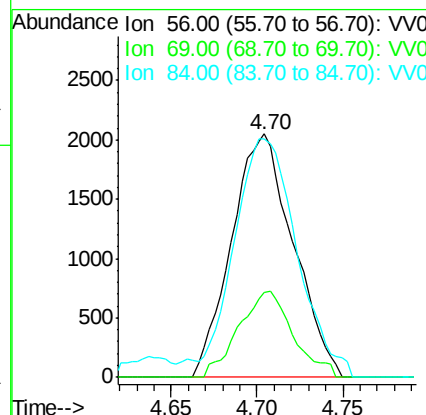
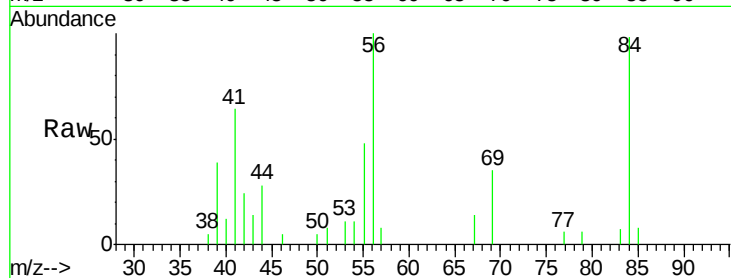
ClientSampled :

MDL06

Tot Ion:	56	Resp:	5106
Ion	Ratio	Lower	Upper
56	100		
69	30.2	22.7	34.1
84	99.5	63.5	95.3#

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#30

1,1,1-Trichloroethane

Concen: 2.683 ug/L m

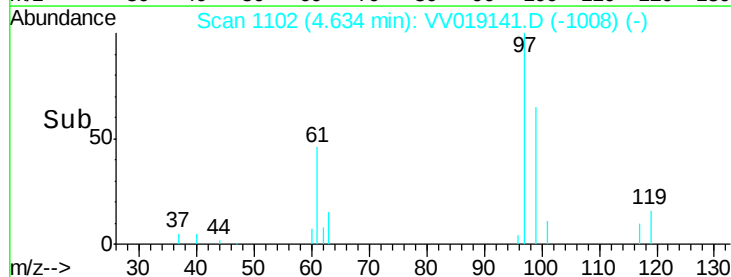
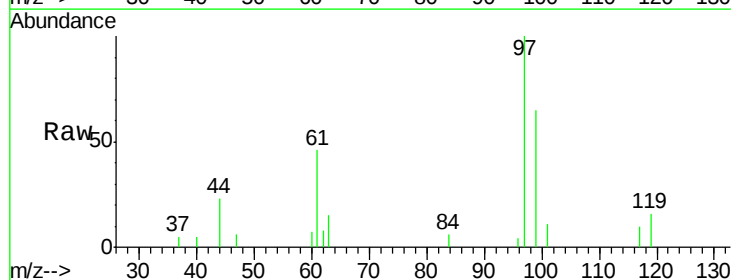
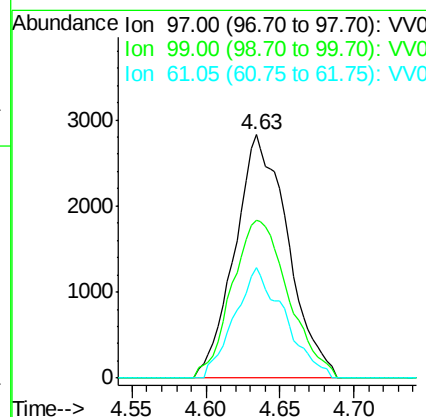
RT: 4.63 min Scan# 1102

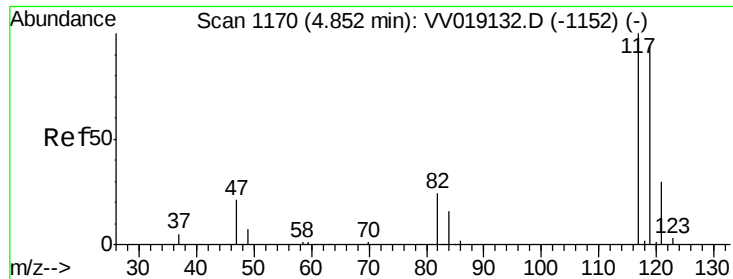
Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion:	97	Resp:	7045
Ion	Ratio	Lower	Upper
97	100		
99	68.9	50.5	75.7
61	31.2	38.1	57.1#





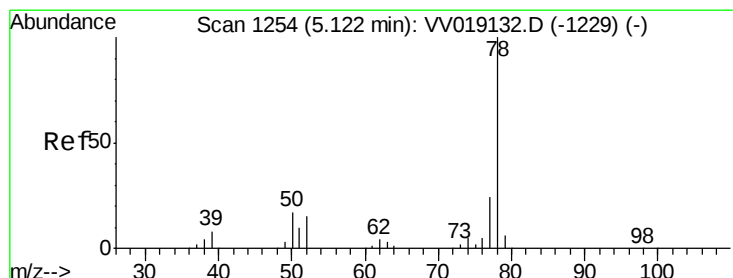
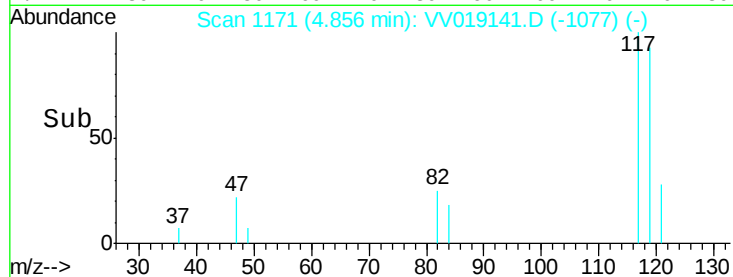
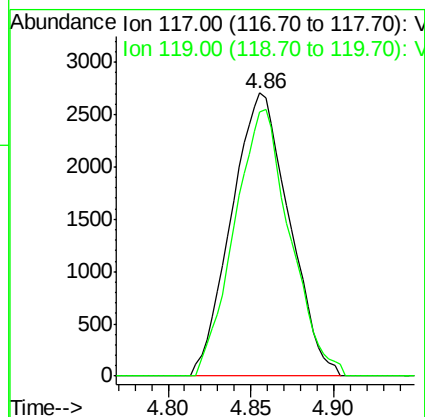
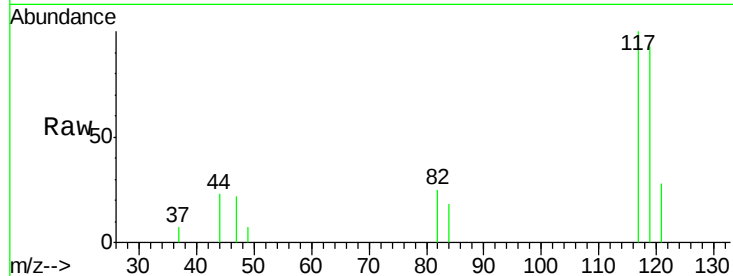
#31
Carbon tetrachloride
Concen: 2.870 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tot Ion:117 Resp: 6570
Ion Ratio Lower Upper
117 100
119 90.6 77.2 115.8

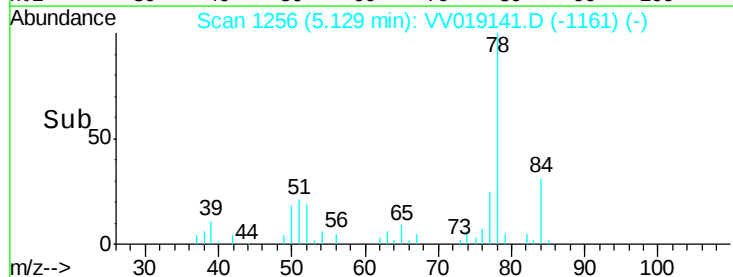
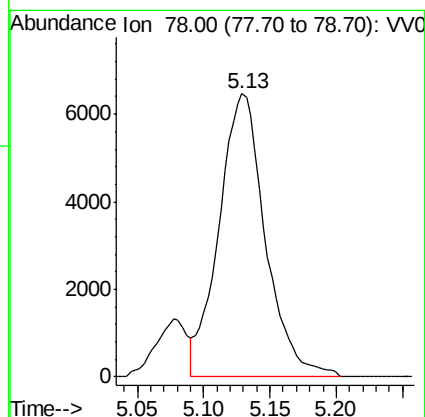
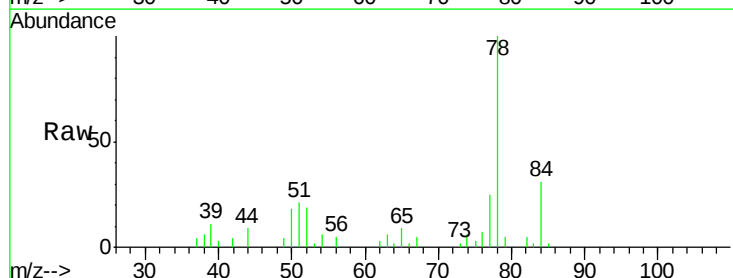
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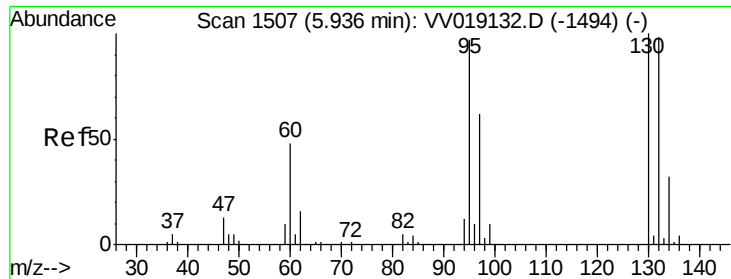
sam
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#33
Benzene
Concen: 2.441 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Tgt Ion: 78 Resp: 15759





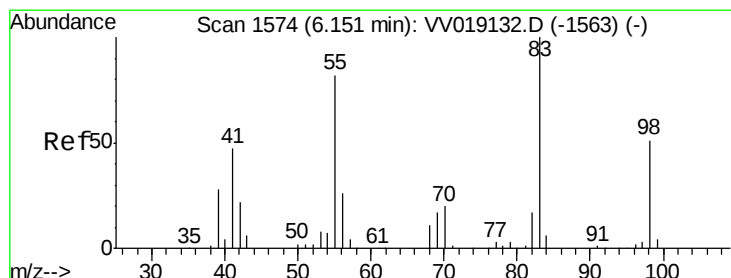
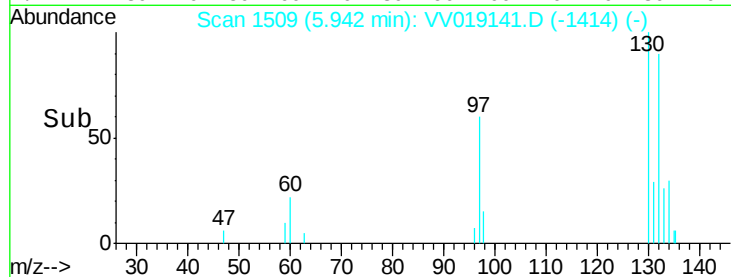
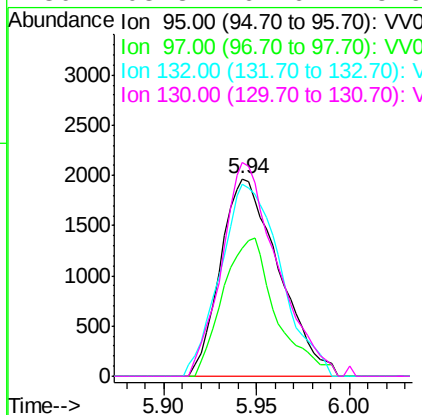
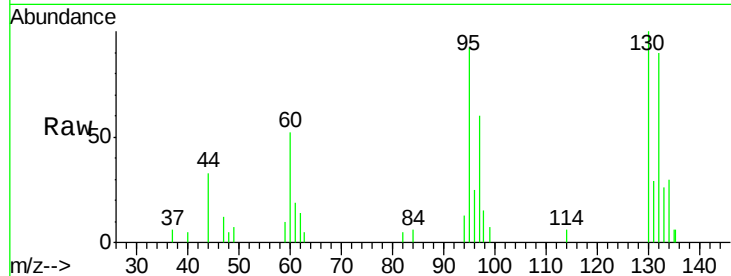
#34
 Trichloroethene
 Concen: 2.641 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.6	82.8
132	97.4	66.0	122.6
130	108.3	67.6	125.6

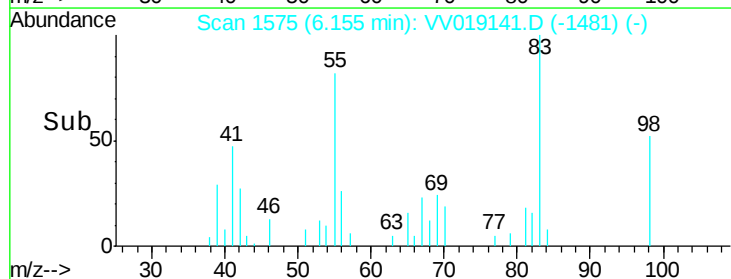
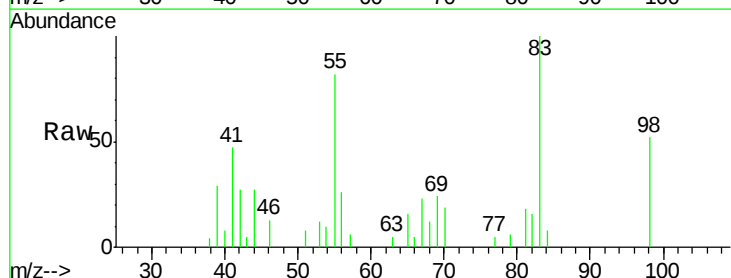
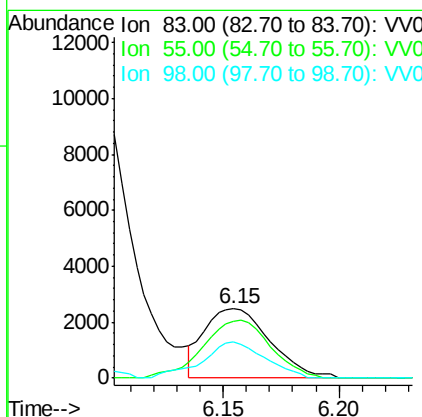
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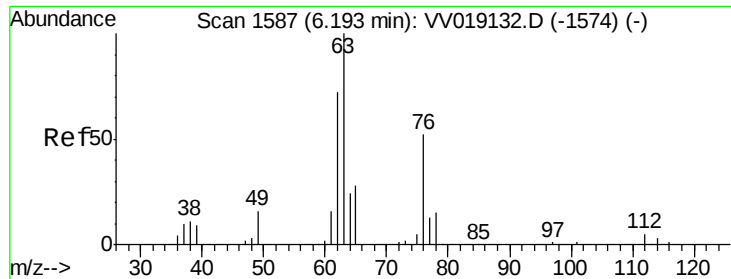
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#35
 Methylcyclohexane
 Concen: 2.182 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.1	102.1
98	50.3	37.9	56.9





#37

1,2-Dichloropropane

Concen: 2.259 ug/L

RT: 6.20 min Scan# 1590

Delta R.T. 0.01 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

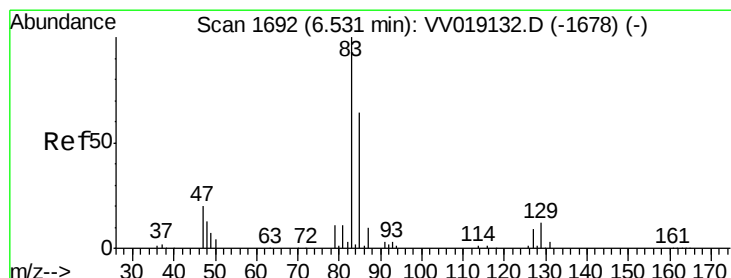
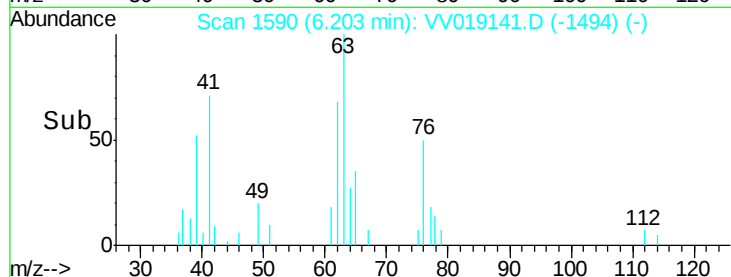
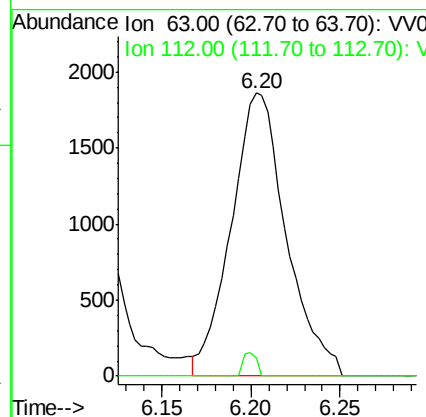
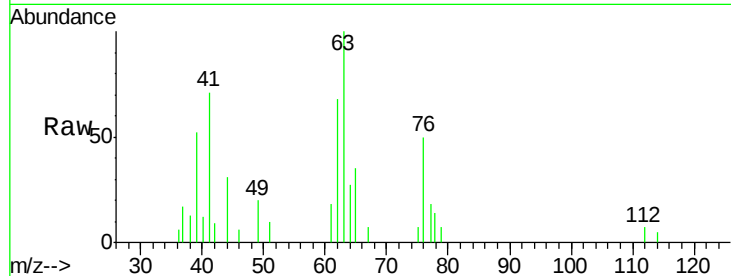
MDL06

Tot Ion: 63 Resp: 4015
Ion Ratio Lower Upper

63 100
112 2.0 3.5 5.3#

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sam
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#38

Bromodichloromethane

Concen: 2.478 ug/L

RT: 6.54 min Scan# 1694

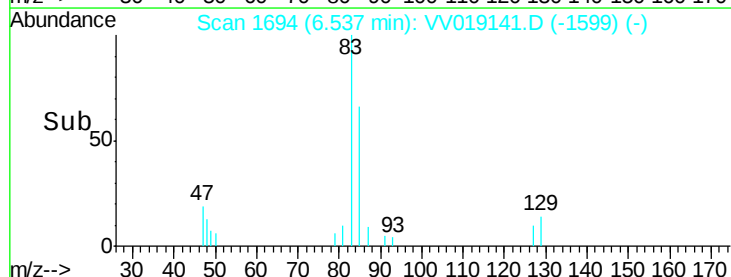
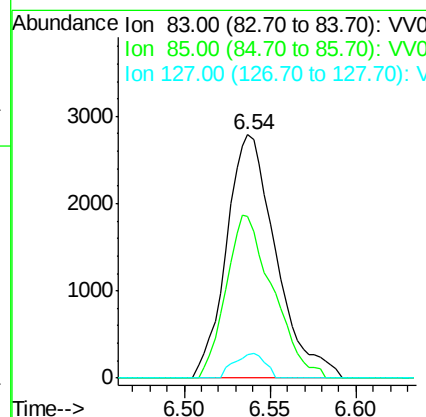
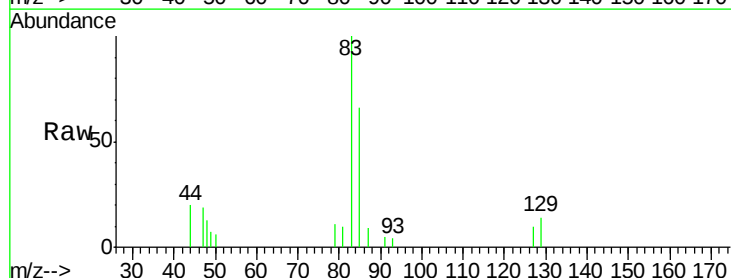
Delta R.T. 0.01 min

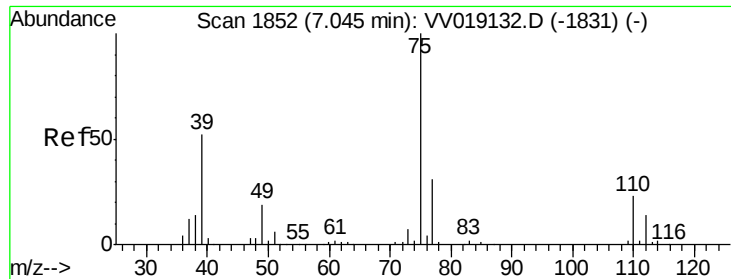
Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion: 83 Resp: 5572
Ion Ratio Lower Upper

83 100
85 66.3 44.9 83.3
127 9.5 7.0 10.4





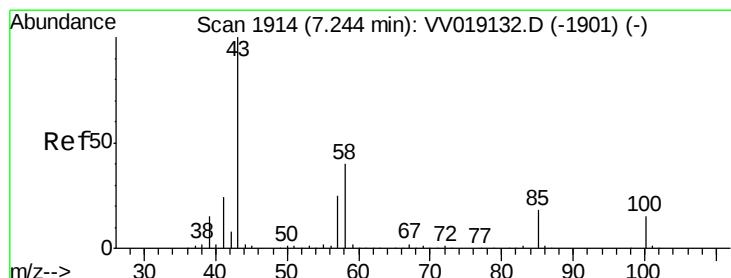
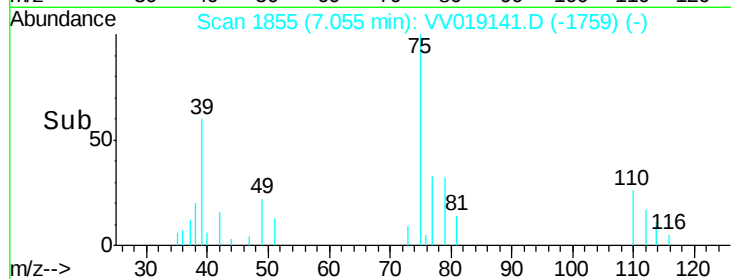
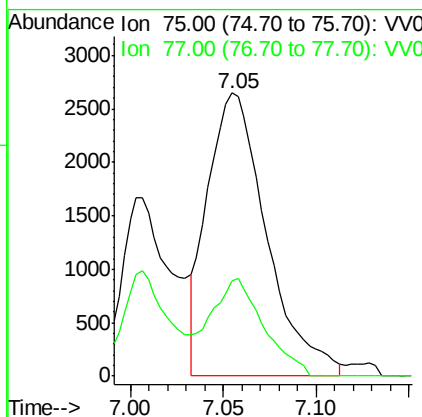
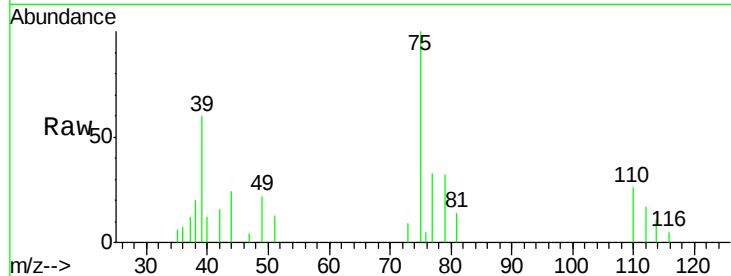
#39
 cis-1,3-Dichloropropene
 Concen: 2.247 ug/L m
 RT: 7.05 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion: 75 Resp: 5901
 Ion Ratio Lower Upper
 75 100
 77 33.5 22.1 41.1

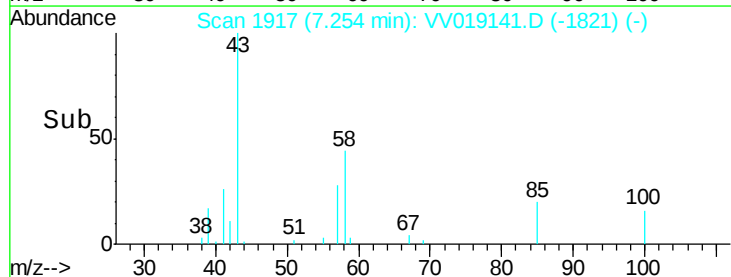
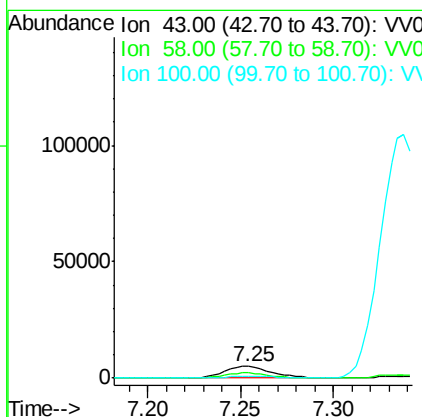
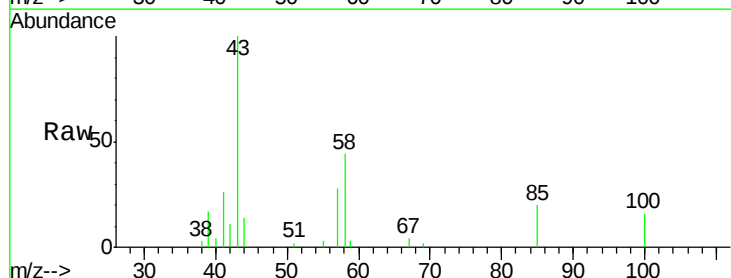
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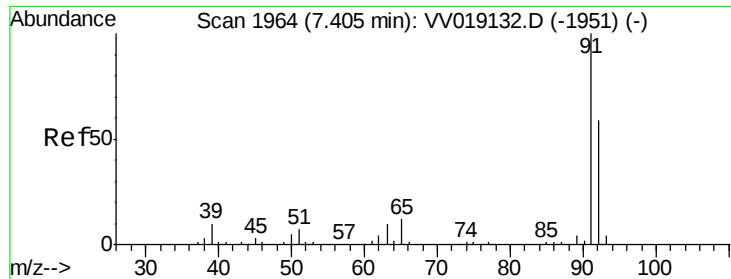
sam
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#40
 4-Methyl-2-pentanone
 Concen: 3.818 ug/L
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion: 43 Resp: 9155
 Ion Ratio Lower Upper
 43 100
 58 41.2 29.6 44.4
 100 16.1 10.9 16.3





#42

Toluene

Concen: 2.511 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 91 Resp: 16637

Ion Ratio Lower Upper

91 100

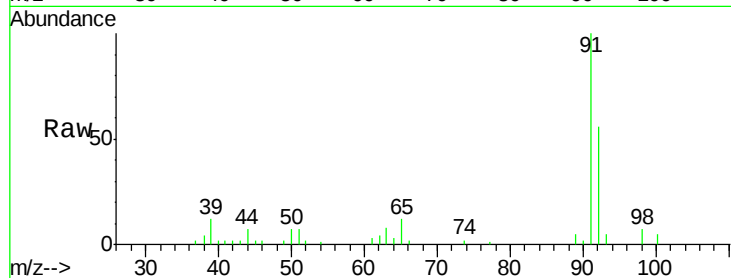
92 55.7 40.9 76.0

Manual Integrations

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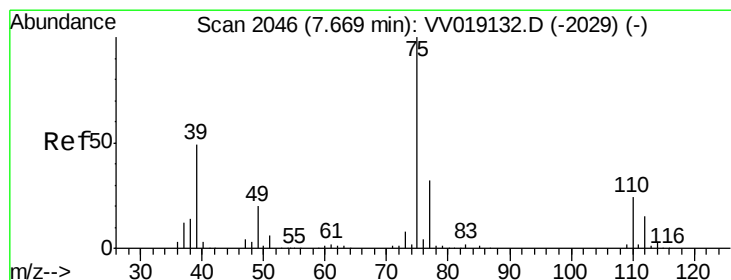
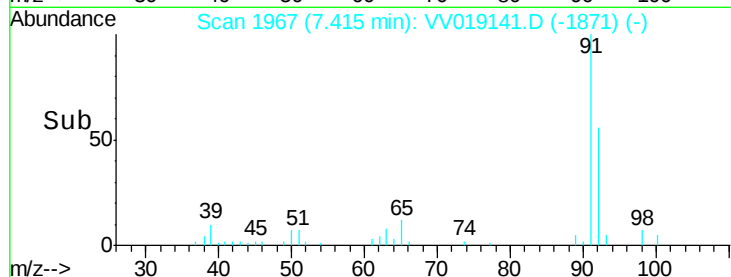
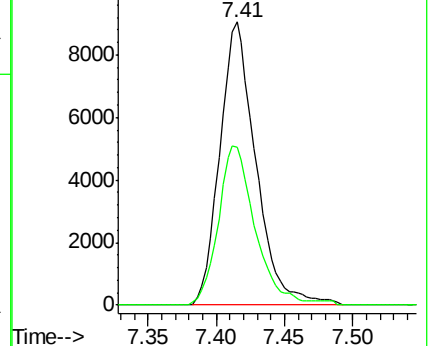
sam

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Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 2.478 ug/L m

RT: 7.68 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VV019141.D

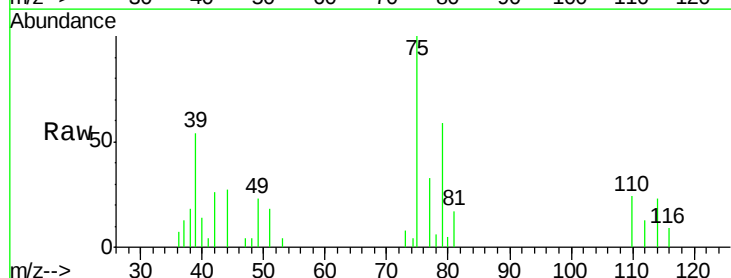
Acq: 28 Oct 2020 18:21

Tgt Ion: 75 Resp: 6457

Ion Ratio Lower Upper

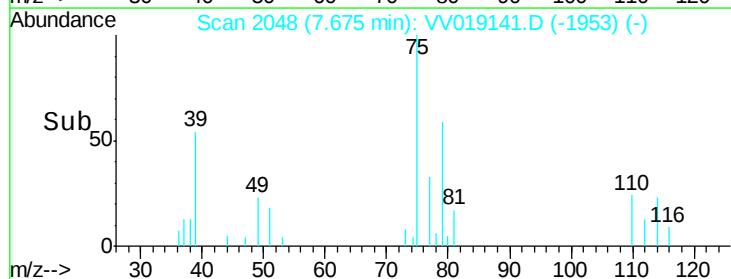
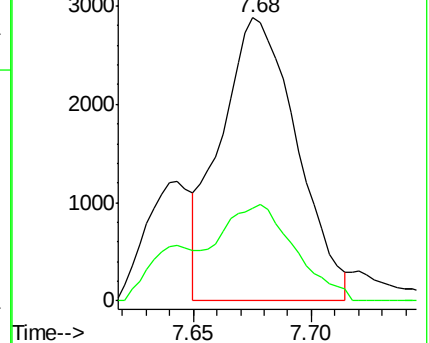
75 100

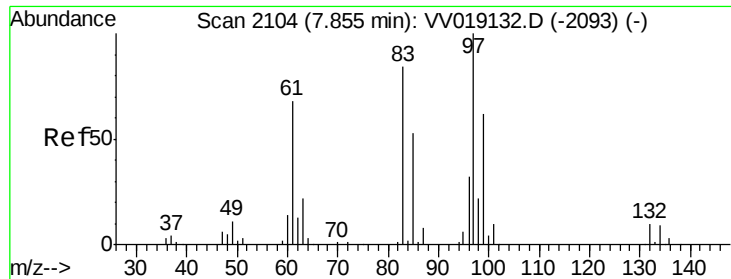
77 32.6 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





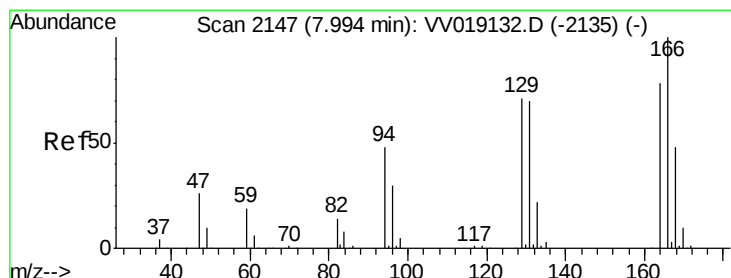
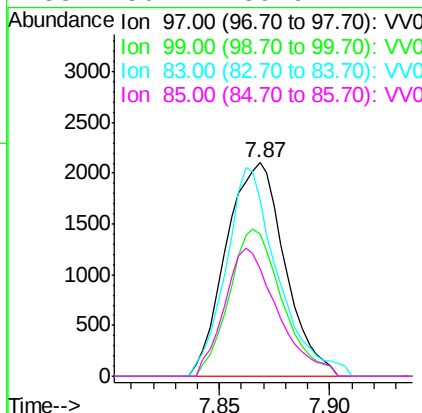
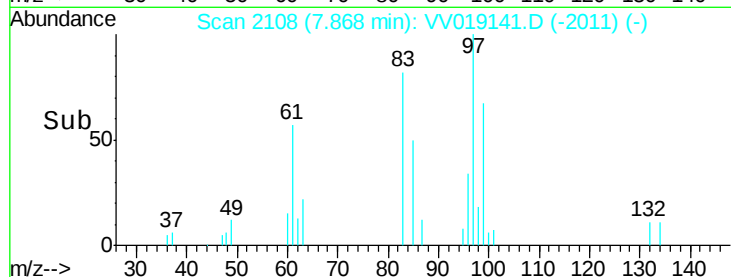
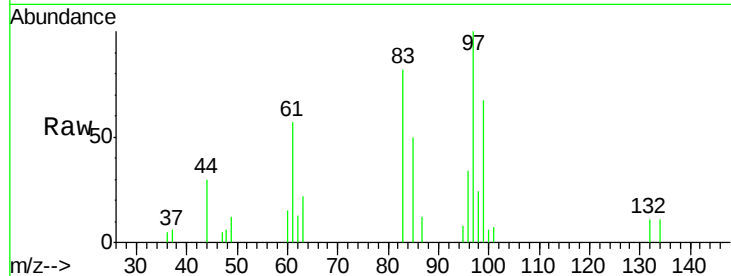
#45
1,1,2-Trichloroethane
Concen: 2.479 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tot Ion:	97	Resp:	3891
Ion	Ratio	Lower	Upper
97	100		
99	66.7	43.5	80.9
83	82.5	62.2	115.4
85	50.4	39.9	74.1

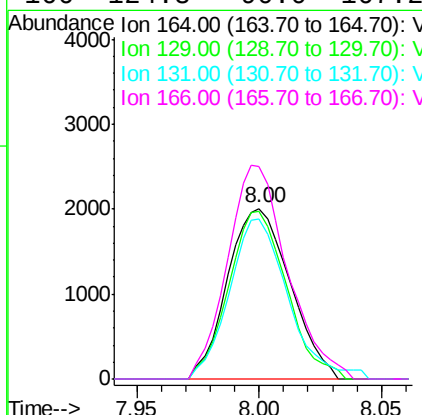
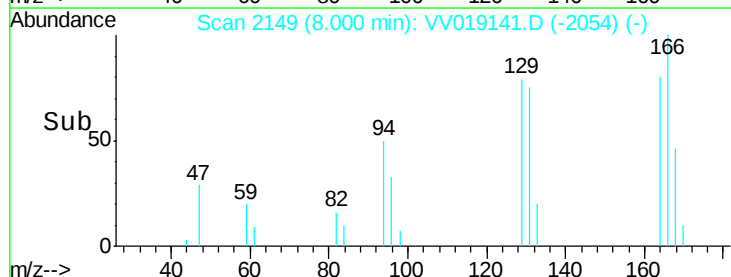
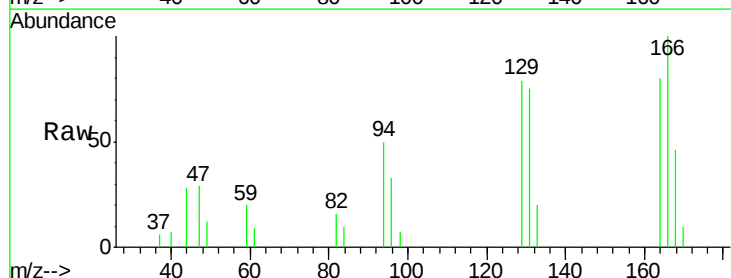
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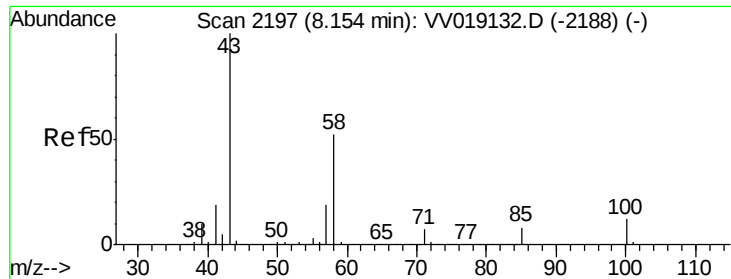
sam
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#46
Tetrachloroethene
Concen: 2.854 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Tgt Ion:	164	Resp:	3573
Ion	Ratio	Lower	Upper
164	100		
129	98.6	65.5	121.6
131	93.9	62.4	115.8
166	124.8	90.0	167.2





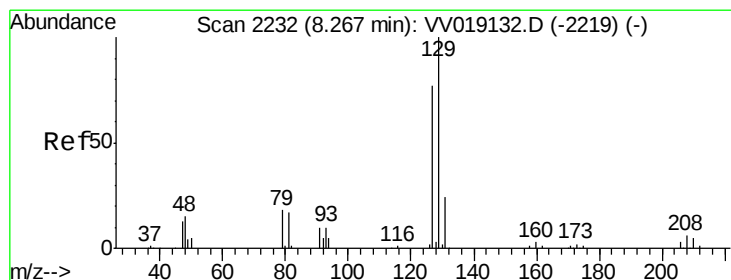
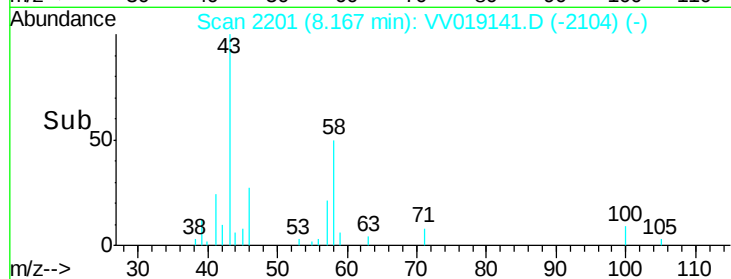
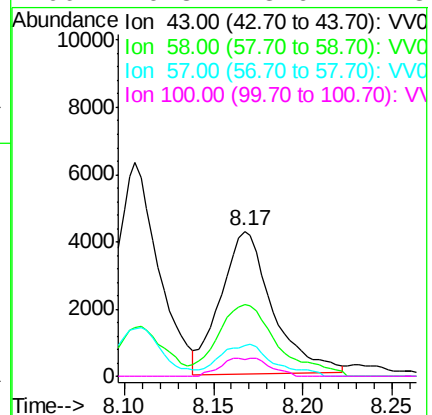
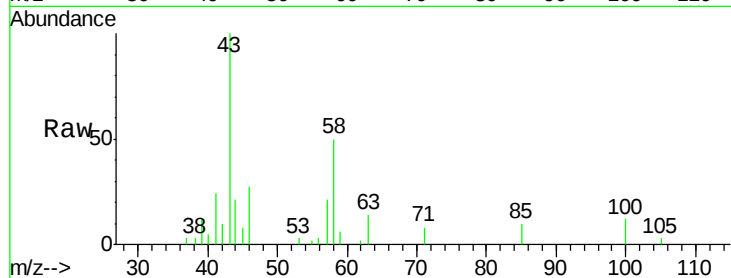
#48
2-Hexanone
Concen: 4.604 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.4	41.1	61.7
57	23.2	14.7	22.1
100	6.3	8.6	12.8

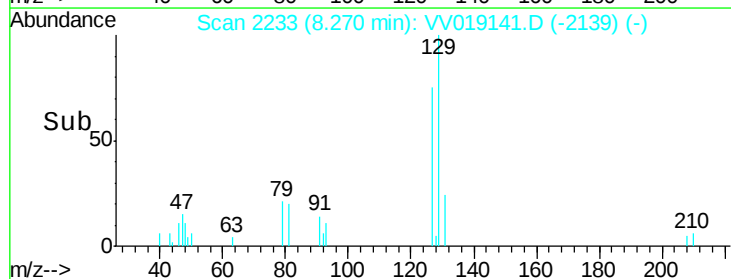
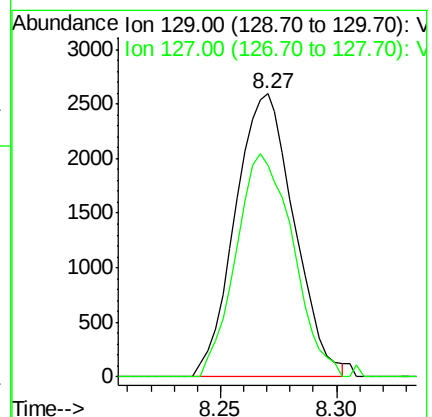
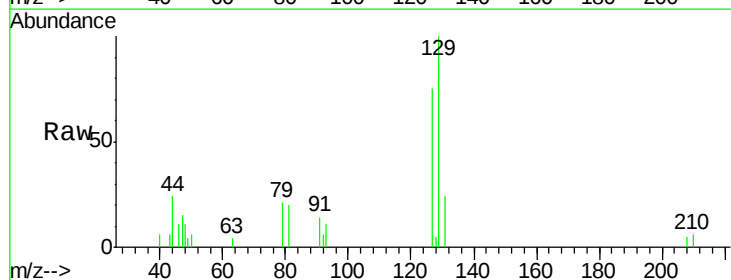
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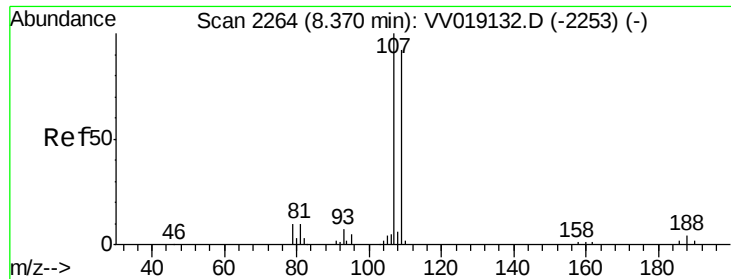
sam
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#49
Dibromochloromethane
Concen: 2.660 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.6	53.7	99.7





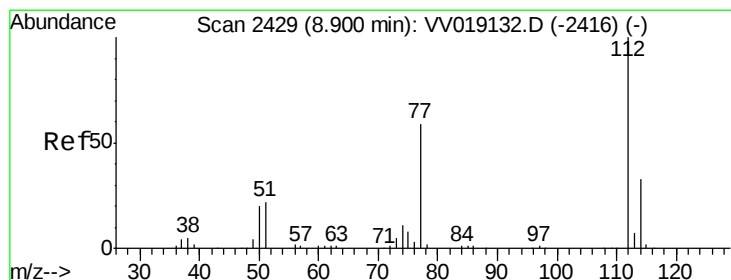
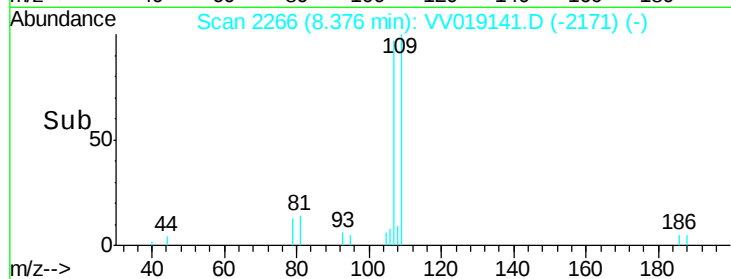
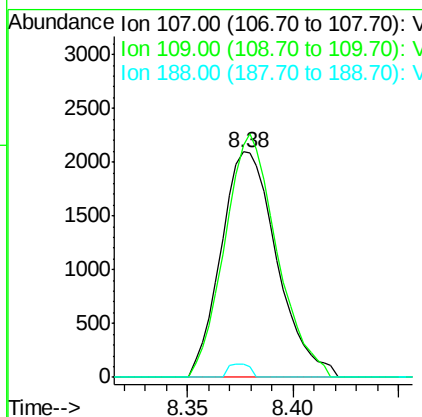
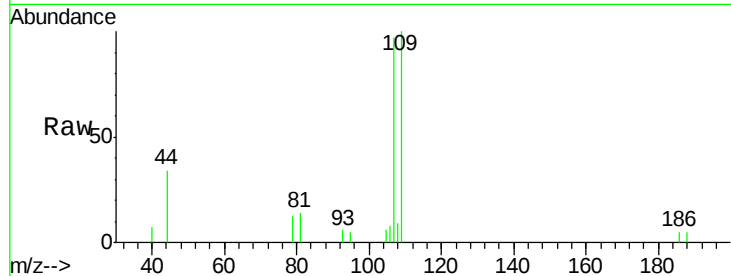
#50
 1,2-Dibromoethane
 Concen: 2.369 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
109	103.2	66.1	122.7	
188	5.6	3.2	4.8#	

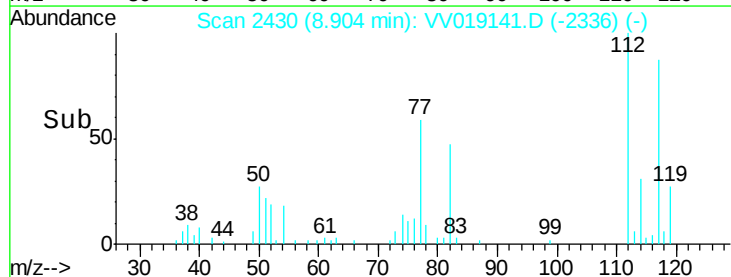
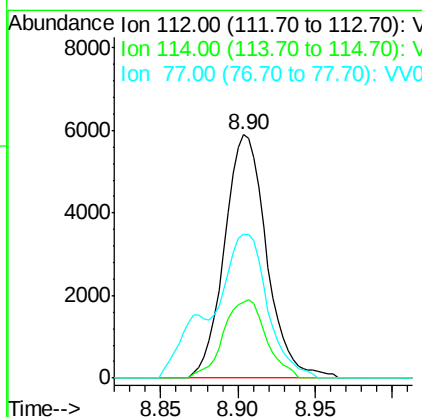
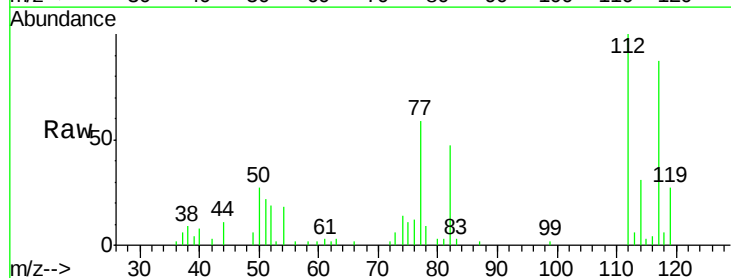
Manual Integrations
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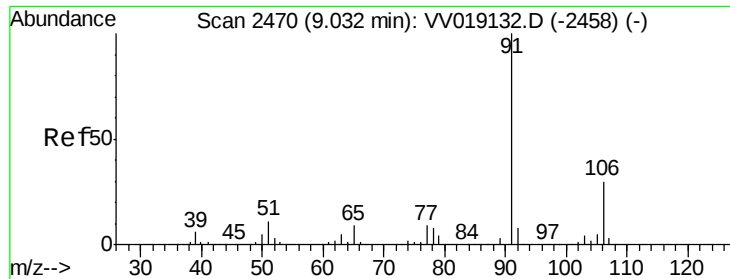
sam
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#51
 Chlorobenzene
 Concen: 2.626 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.2	22.2	41.2	
77	59.3	49.1	73.7	





#52

Ethylbenzene

Concen: 2.386 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tot Ion: 91 Resp: 17098

Ion Ratio Lower Upper

91 100

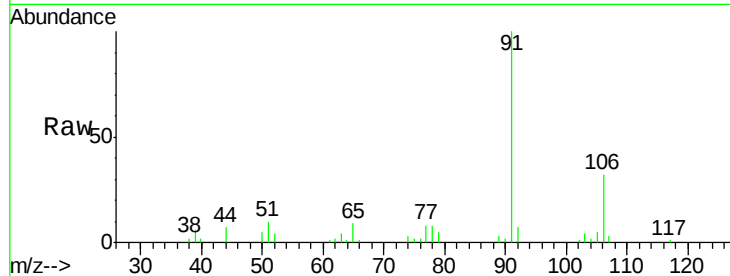
106 31.6 20.9 38.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VV019141.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV019141.D (-2377) (-)

12000

10000

8000

6000

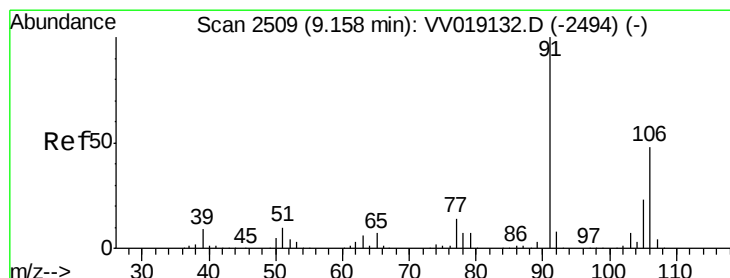
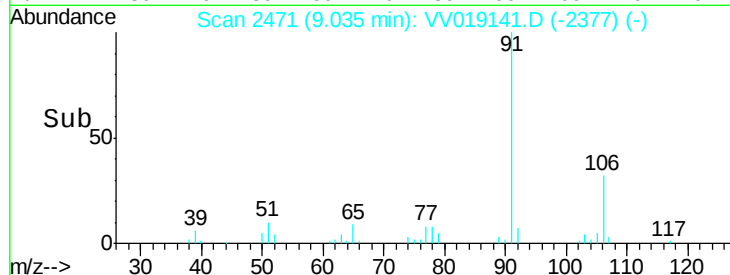
4000

2000

0

9.00 9.05 9.10

Time-->



#53

m,p-Xylene

Concen: 2.367 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV019141.D

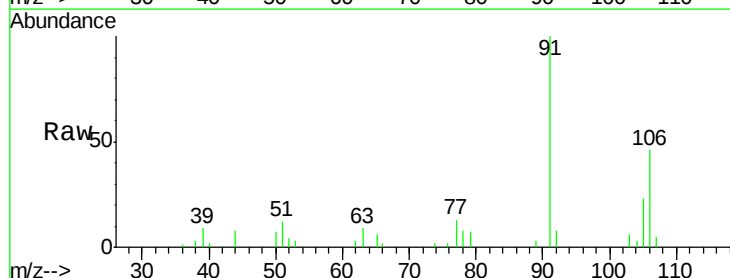
Acq: 28 Oct 2020 18:21

Tgt Ion: 106 Resp: 6210

Ion Ratio Lower Upper

106 100

91 219.0 143.4 266.2



Abundance Ion 106.00 (105.70 to 106.70): VV019141.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV019141.D (-2416) (-)

8000

6000

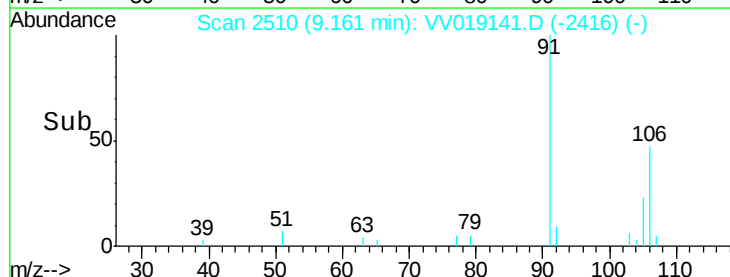
4000

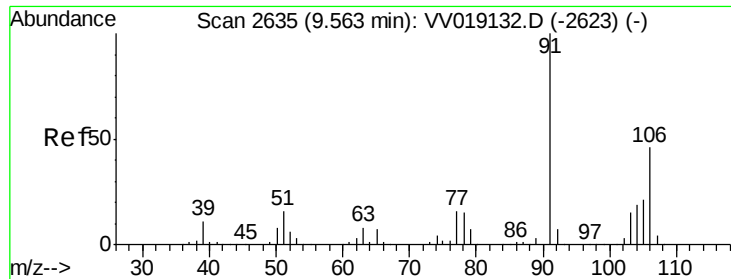
2000

0

9.10 9.15 9.20

Time-->





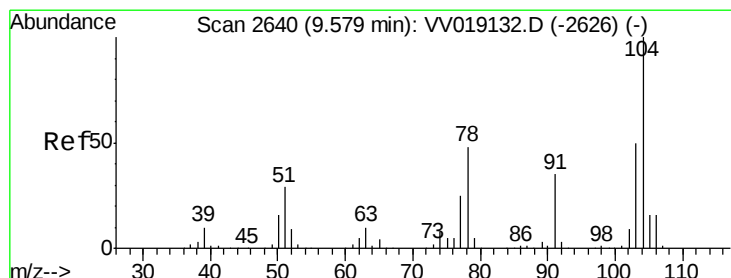
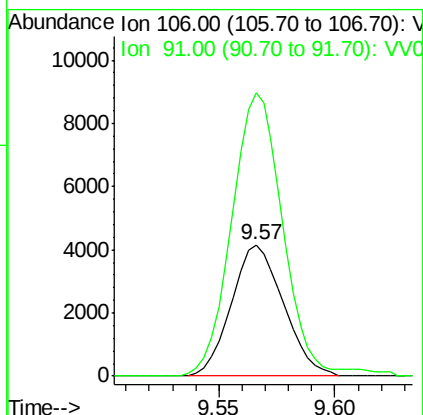
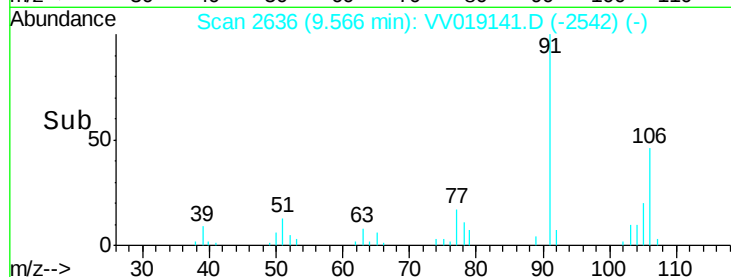
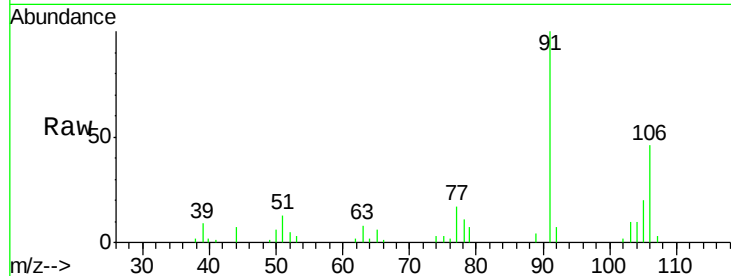
#54
o-xylene
Concen: 2.568 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion:106 Resp: 6485
Ion Ratio Lower Upper
106 100
91 215.5 154.3 286.5

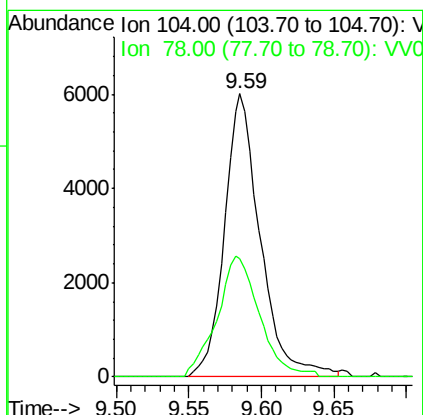
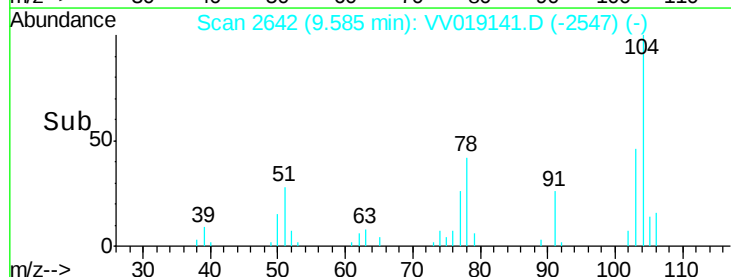
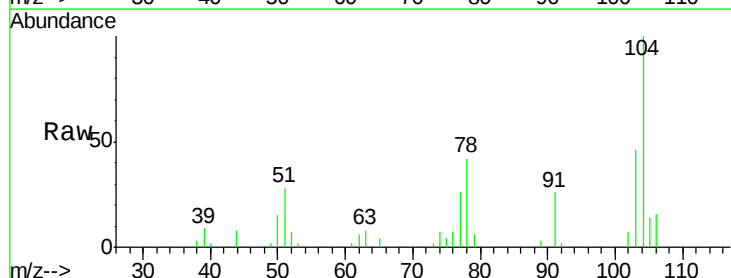
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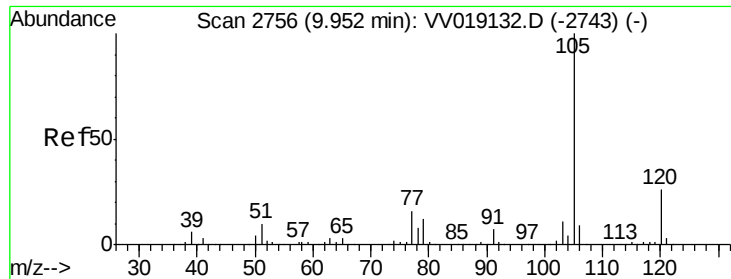
sam
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#55
Styrene
Concen: 2.294 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV019141.D
Acq: 28 Oct 2020 18:21

Tgt Ion:104 Resp: 10278
Ion Ratio Lower Upper
104 100
78 41.7 33.2 61.7





#56

Isopropylbenzene

Concen: 2.450 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

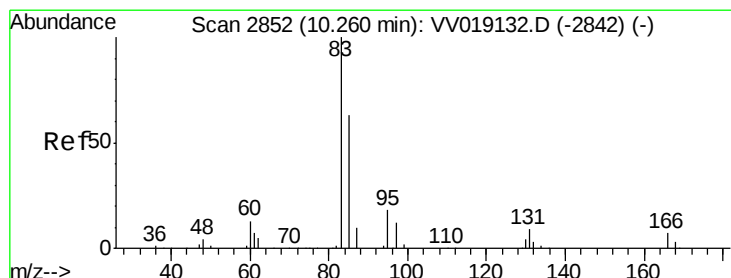
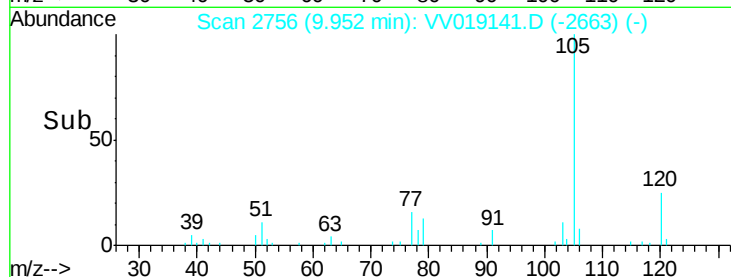
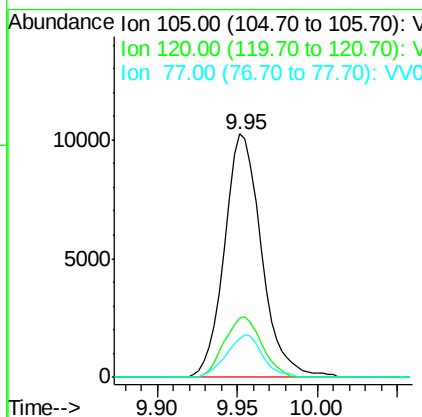
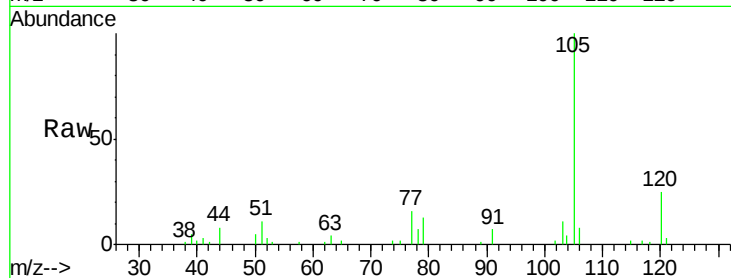
ClientSampleId :

MDL06

Tot Ion:	105	Resp:	16269
Ion Ratio	Lower	Upper	
105	100		
120	24.8	20.6	31.0
77	16.7	13.4	20.0

Manual Integrations
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#58

1,1,2,2-Tetrachloroethane

Concen: 2.478 ug/L

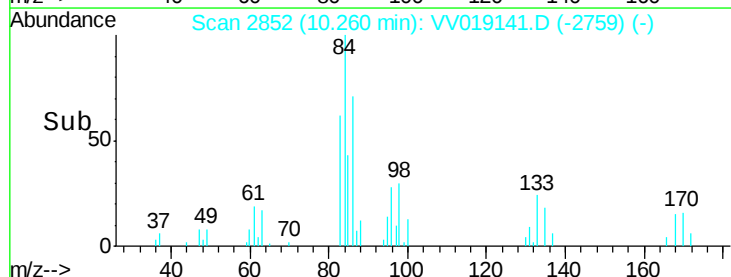
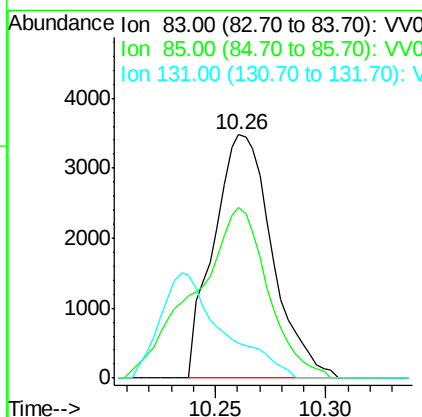
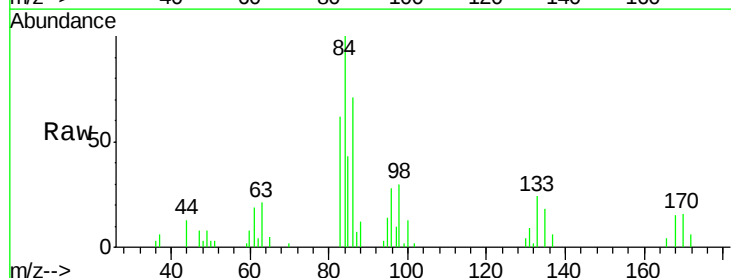
RT: 10.26 min Scan# 2852

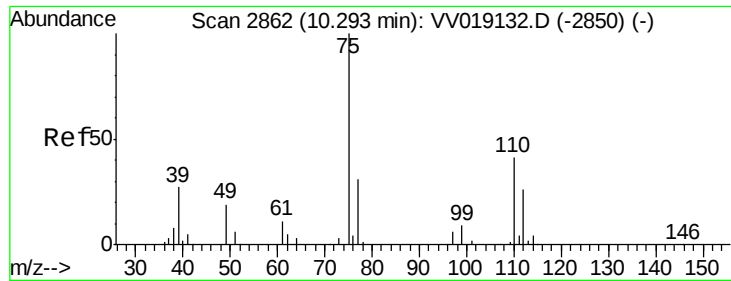
Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion:	83	Resp:	6400
Ion Ratio	Lower	Upper	
83	100		
85	70.3	44.2	82.2
131	14.1	7.4	11.2#





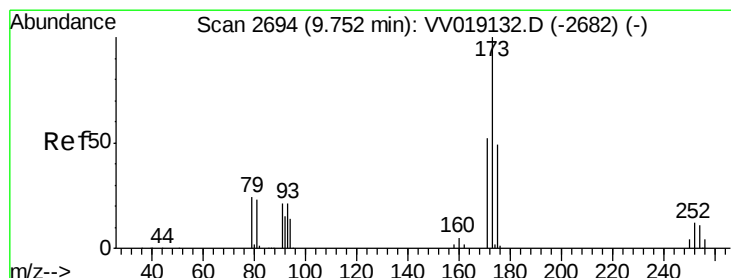
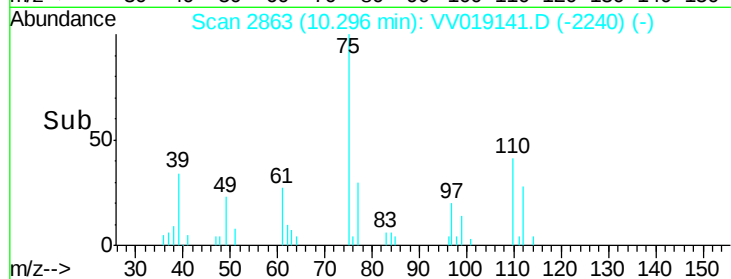
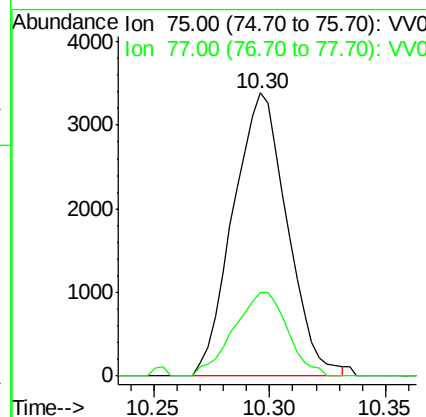
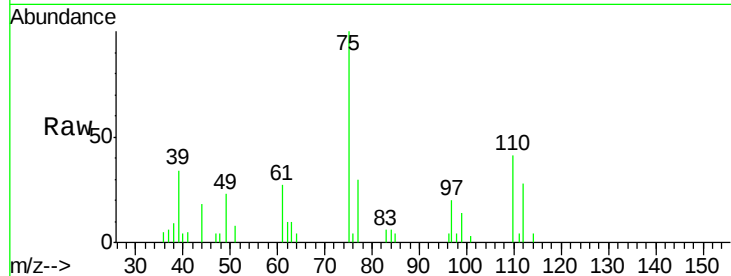
#59
 1,2,3-Trichloropropane
 Concen: 2.645 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tot Ion: 75 Resp: 5496
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.9 38.9

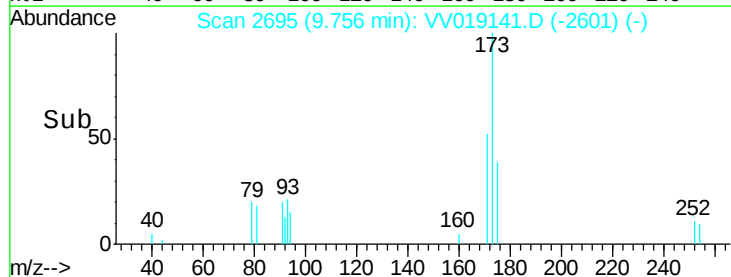
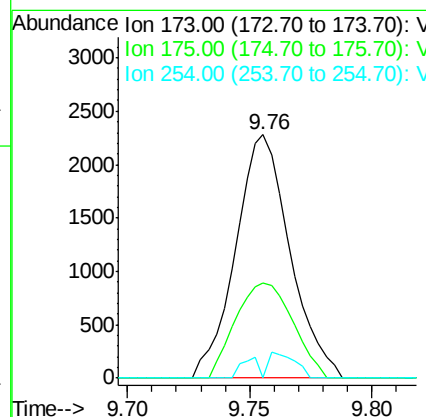
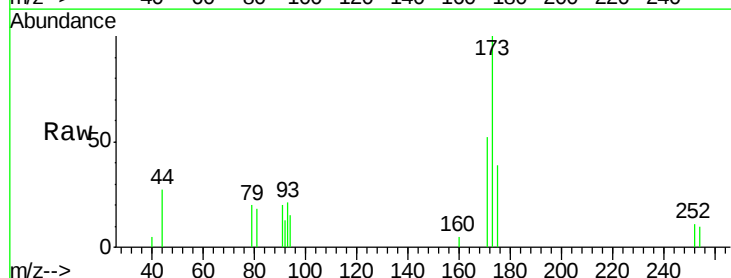
Manual Integrations
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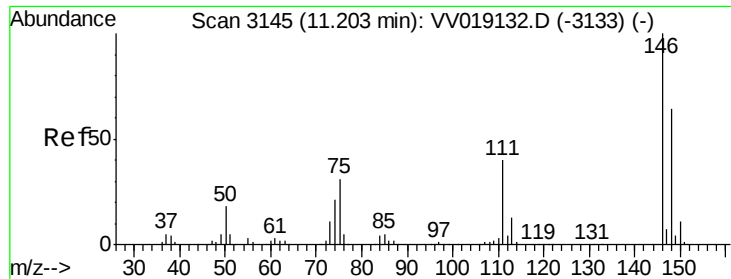
sam
 10/29/2020 3:32:10 PM



#61
 Bromoform
 Concen: 2.826 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion: 173 Resp: 3520
 Ion Ratio Lower Upper
 173 100
 175 41.4 38.3 57.5
 254 2.7 8.3 12.5#





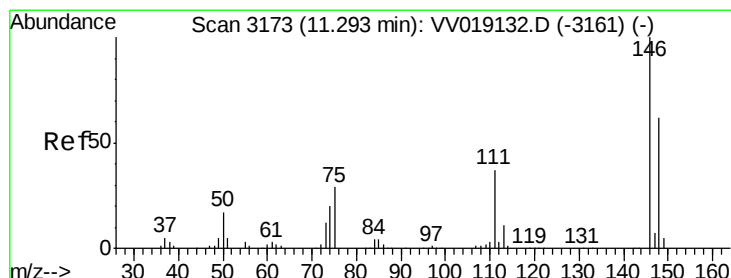
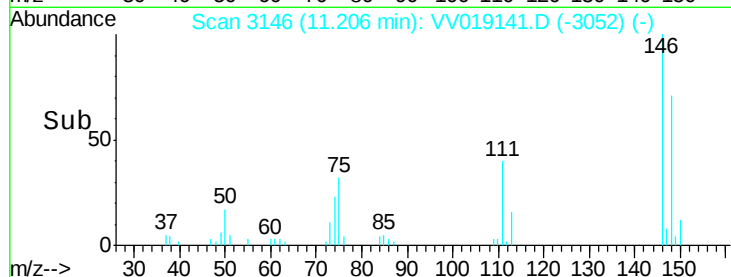
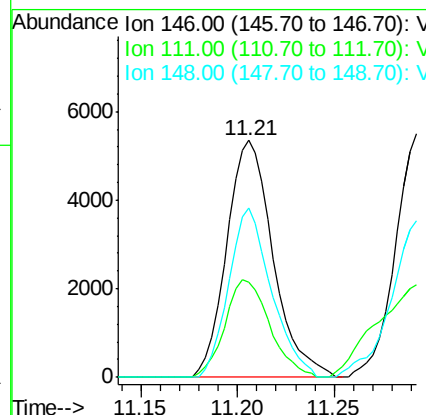
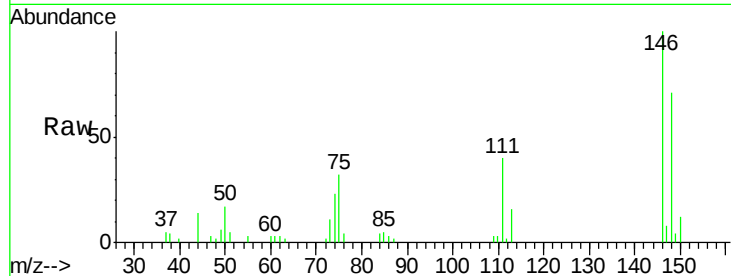
#62
 1,3-Dichlorobenzene
 Concen: 2.684 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	28.8	53.4
148	71.4	44.5	82.7

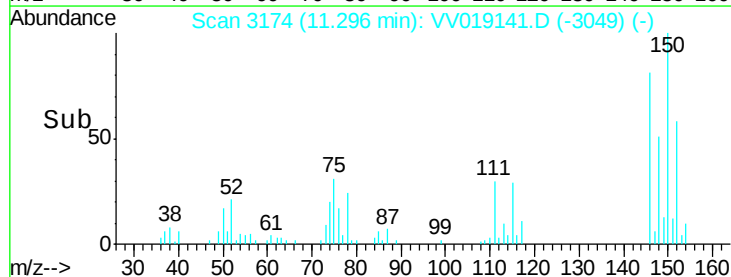
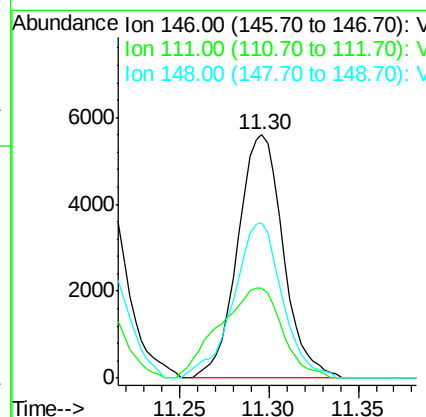
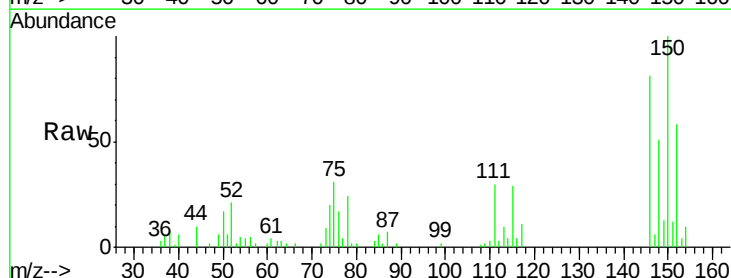
Manual Integrations
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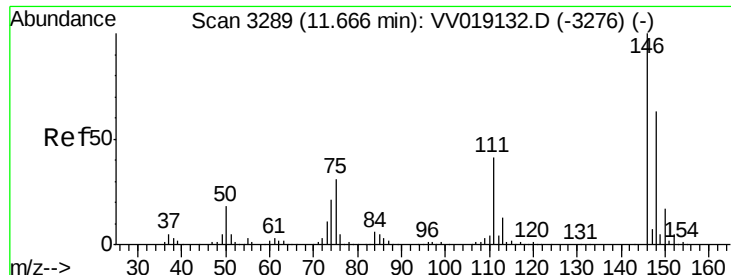
sam
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#63
 1,4-Dichlorobenzene
 Concen: 2.874 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	27.8	51.6
148	63.8	45.1	83.9





#65

1,2-Dichlorobenzene

Concen: 2.976 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

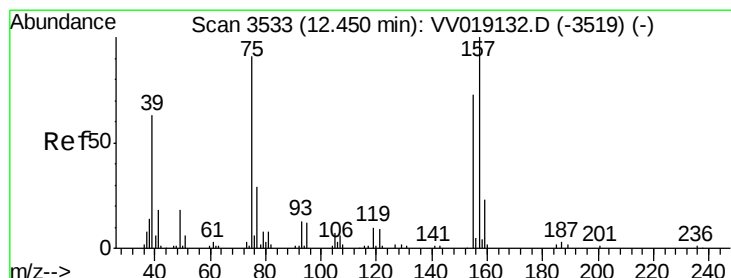
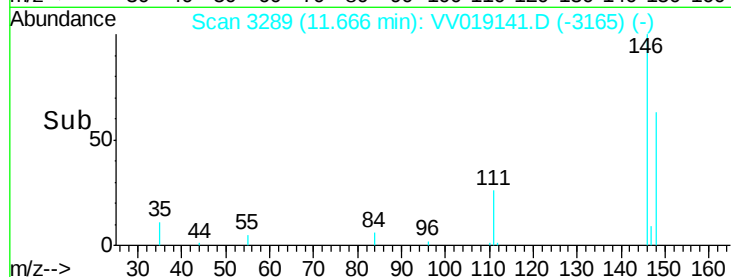
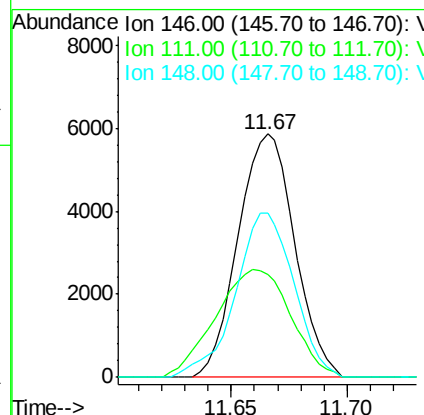
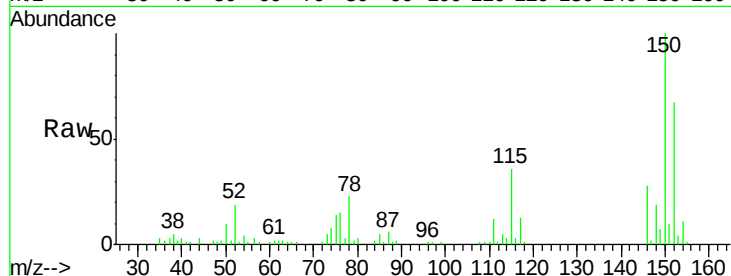
ClientSampled :

MDL06

Tot Ion:	146	Resp:	9961
Ion Ratio	Lower	Upper	
146	100		
111	42.1	33.3	49.9
148	67.5	51.1	76.7

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#66

1,2-Dibromo-3-chloropropane

Concen: 2.591 ug/L

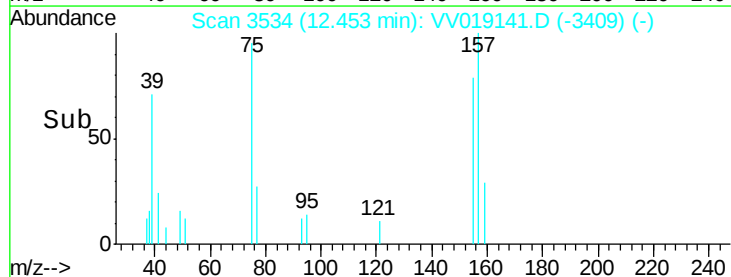
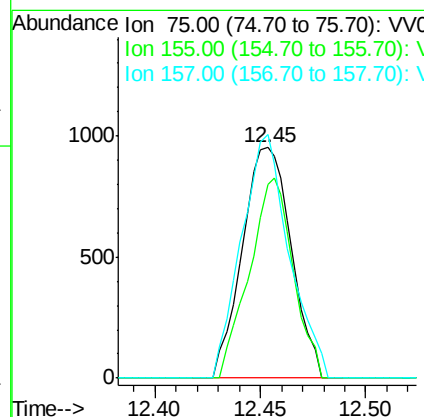
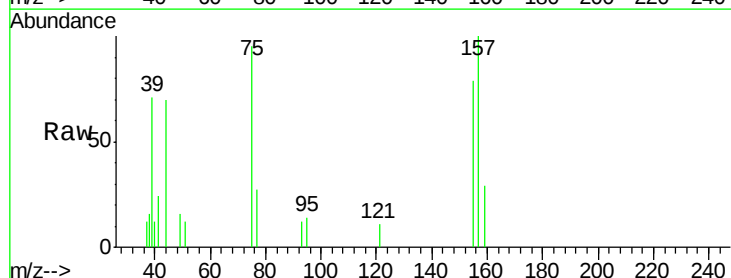
RT: 12.45 min Scan# 3534

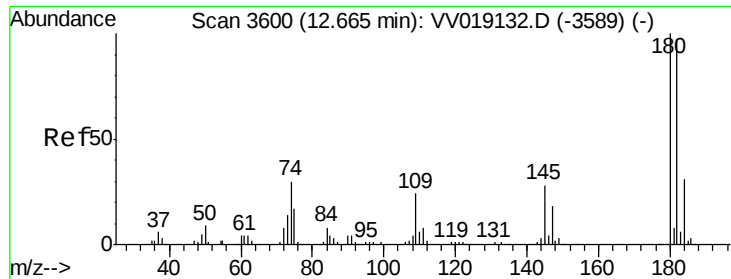
Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion:	75	Resp:	1532
Ion Ratio	Lower	Upper	
75	100		
155	83.8	62.2	93.4
157	105.7	79.9	119.9





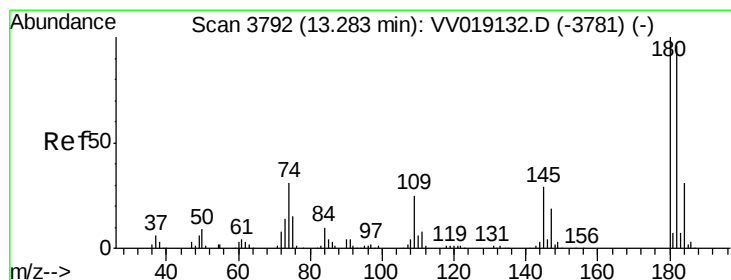
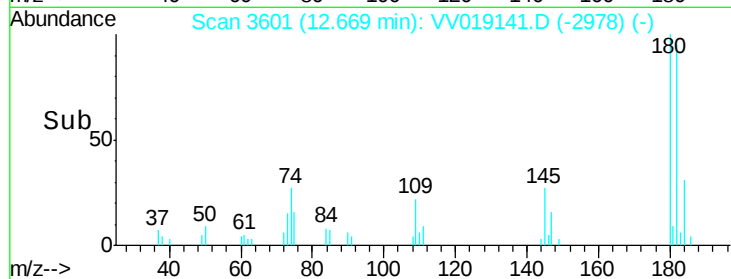
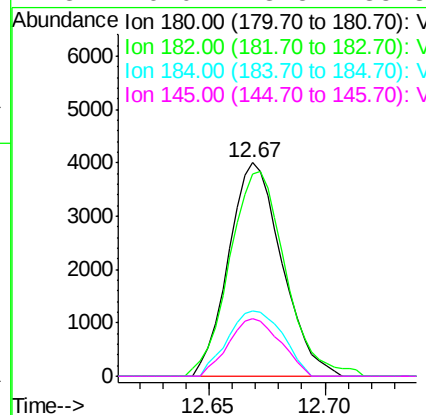
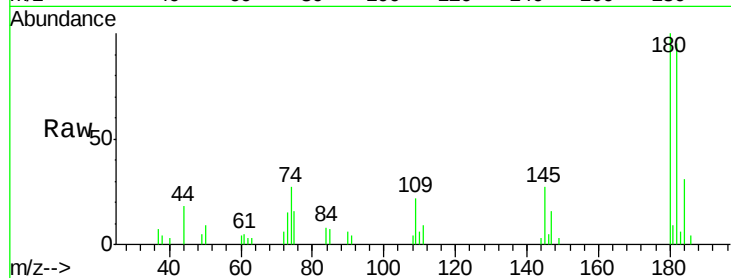
#67
 1,3,5-Trichlorobenzene
 Concen: 2.819 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.7	77.4	116.0
184	31.5	24.7	37.1
145	26.0	23.5	35.3

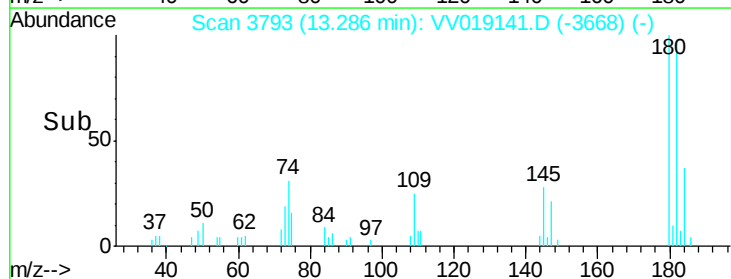
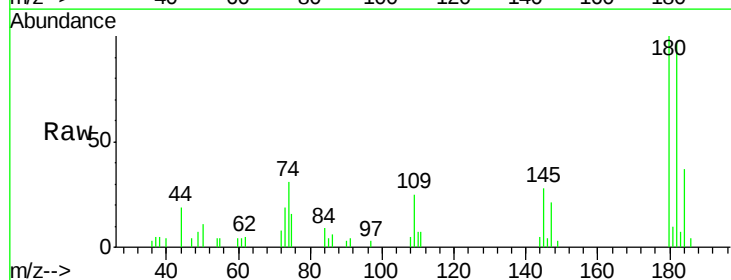
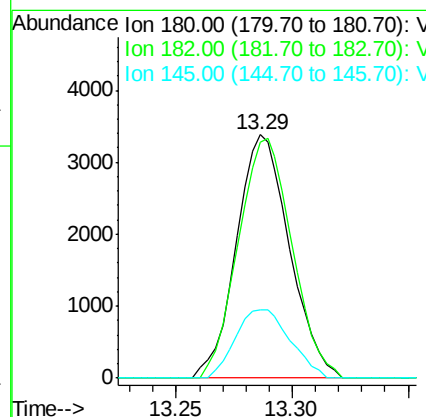
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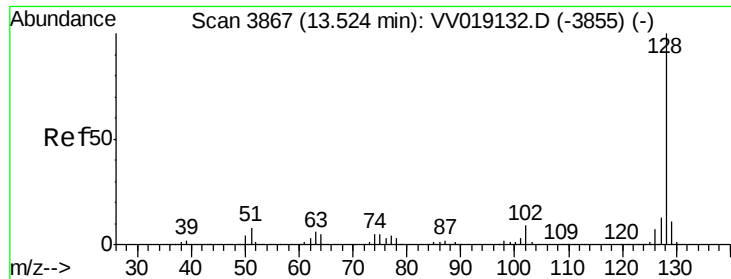
sam
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#68
 1,2,4-trichlorobenzene
 Concen: 2.511 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV019141.D
 Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.4	116.2
145	29.1	23.7	35.5





#69

Naphthalene

Concen: 1.993 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Instrument :

MSVOA_V

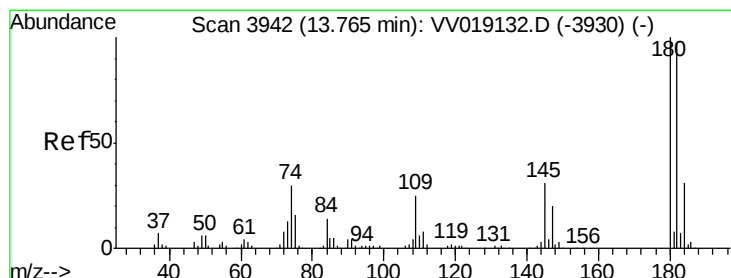
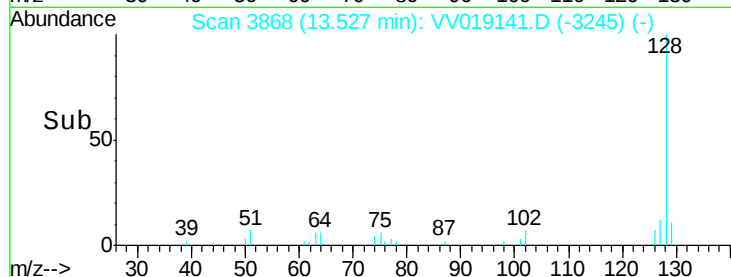
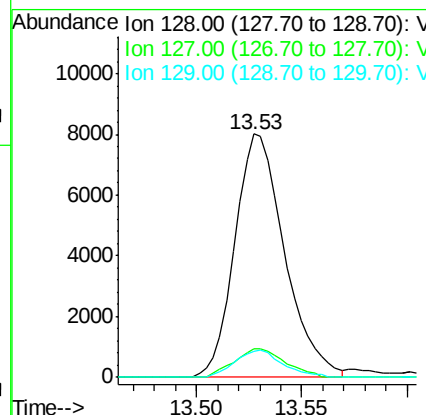
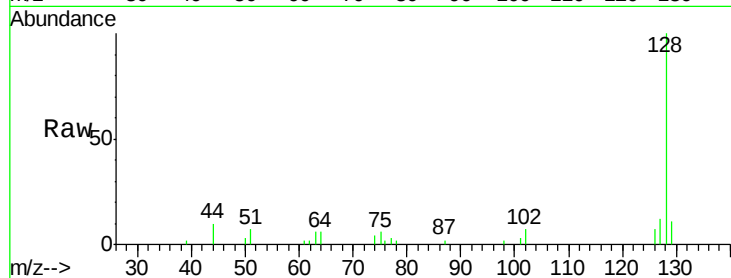
ClientSampleId :

MDL06

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.6	15.8
129	10.6	8.7	13.1

Manual Integrations
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#70

1,2,3-Trichlorobenzene

Concen: 2.685 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV019141.D

Acq: 28 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.5	76.9	115.3
145	33.3	25.6	38.4

