

Data File : VV013472.D
Acq On : 01 Nov 2019 16:46
Operator : SY/MD
Sample : MDL06
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
11/4/2019 12:38:50 PM

Quant Time: Nov 02 03:43:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 04:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	740714	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	703751	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	368419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	263443	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
7) Chloroethane-d5	1.58	69	188670	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
10) 1,1-Dichloroethene-d2	2.13	63	339256	18.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.80%
20) 2-Butanone-d5	3.93	46	221972	45.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.74%
24) Chloroform-d	4.40	84	485069	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.08	65	298852	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	5.09	84	1040819	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	6.11	67	318805	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
37) Toluene-d8	7.36	98	907683	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
38) trans-1,3-Dichloropropene-	7.66	79	129583	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.60%
39) 2-Hexanone-d5	8.13	63	125058	46.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	273768	23.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	363672	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11925	1.032 ug/L	98
3) Chloromethane	1.25	50	12591	1.069 ug/L	96
5) Vinyl chloride	1.32	62	12139	1.053 ug/L #	45
6) Bromomethane	1.53	94	5233	0.966 ug/L	91
8) Chloroethane	1.60	64	6663m	1.041 ug/L	
9) Trichlorofluoromethane	1.77	101	14693	0.931 ug/L	92
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12119	1.286 ug/L #	81
12) 1,1-Dichloroethene	2.14	96	11069m	1.243 ug/L	
13) Acetone	2.19	43	16930	2.960 ug/L	94
14) Carbon disulfide	2.32	76	30921	0.895 ug/L	97
15) Methyl Acetate	2.47	43	7607	0.884 ug/L	100
16) Methylene chloride	2.53	84	24061	1.745 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	25800	0.883 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	9977	0.840 ug/L	96
19) 1,1-Dichloroethane	3.23	63	20310	0.938 ug/L	99
21) 2-Butanone	4.04	43	14199m	2.407 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	12575m	1.008 ug/L	

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	5456	0.911	ug/L	94
25) Chloroform	4.42	83	36356	1.640	ug/L	77
27) 1,2-Dichloroethane	5.18	62	14706m	0.955	ug/L	
30) Cyclohexane	4.72	56	16995m	0.894	ug/L	
31) 1,1,1-Trichloroethane	4.65	97	16333	0.915	ug/L	96
32) Carbon tetrachloride	4.87	117	14149	0.890	ug/L	99
34) Benzene	5.14	78	43890	0.951	ug/L	100
35) Trichloroethene	5.96	95	13159	1.056	ug/L	96
36) Methylcyclohexane	6.18	83	15968	0.819	ug/L	89
40) 1,2-Dichloropropane	6.22	63	10523	0.905	ug/L #	94
41) Bromodichloromethane	6.56	83	13006	0.869	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	14194	0.823	ug/L	96
43) 4-Methyl-2-pentanone	7.27	43	21114	1.967	ug/L #	91
44) Toluene	7.43	91	45604	0.967	ug/L	97
45) trans-1,3-Dichloropropene	7.69	75	13299	0.900	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	9209	0.989	ug/L	90
47) Tetrachloroethene	8.02	164	9734	0.921	ug/L	96
49) 2-Hexanone	8.19	43	27133	3.473	ug/L #	85
50) Dibromochloromethane	8.29	129	10526	0.945	ug/L	78
51) 1,2-Dibromoethane	8.40	107	8606	0.894	ug/L #	98
52) Chlorobenzene	8.92	112	30221	0.947	ug/L	96
53) Ethylbenzene	9.05	91	45406	0.874	ug/L	93
54) m,p-Xylene	9.18	106	16319	0.835	ug/L	91
55) o-xylene	9.59	106	14563	0.788	ug/L	91
56) Styrene	9.60	104	24926	0.777	ug/L	96
57) Isopropylbenzene	9.97	105	39098	0.784	ug/L #	96
58) 1,1,2,2-Tetrachloroethane	10.28	83	12925	1.082	ug/L #	96
59) 1,2,3-Trichloropropane	10.32	75	10035	1.002	ug/L	91
62) Bromoform	9.77	173	6683	0.915	ug/L #	96
63) 1,3-Dichlorobenzene	11.22	146	25584	1.006	ug/L	92
64) 1,4-Dichlorobenzene	11.32	146	26595	1.023	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	24273	1.027	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	2210	1.016	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.69	180	20397	1.014	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	16226	0.946	ug/L	94
69) Naphthalene	13.55	128	26392	0.796	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	14934	0.931	ug/L	98

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

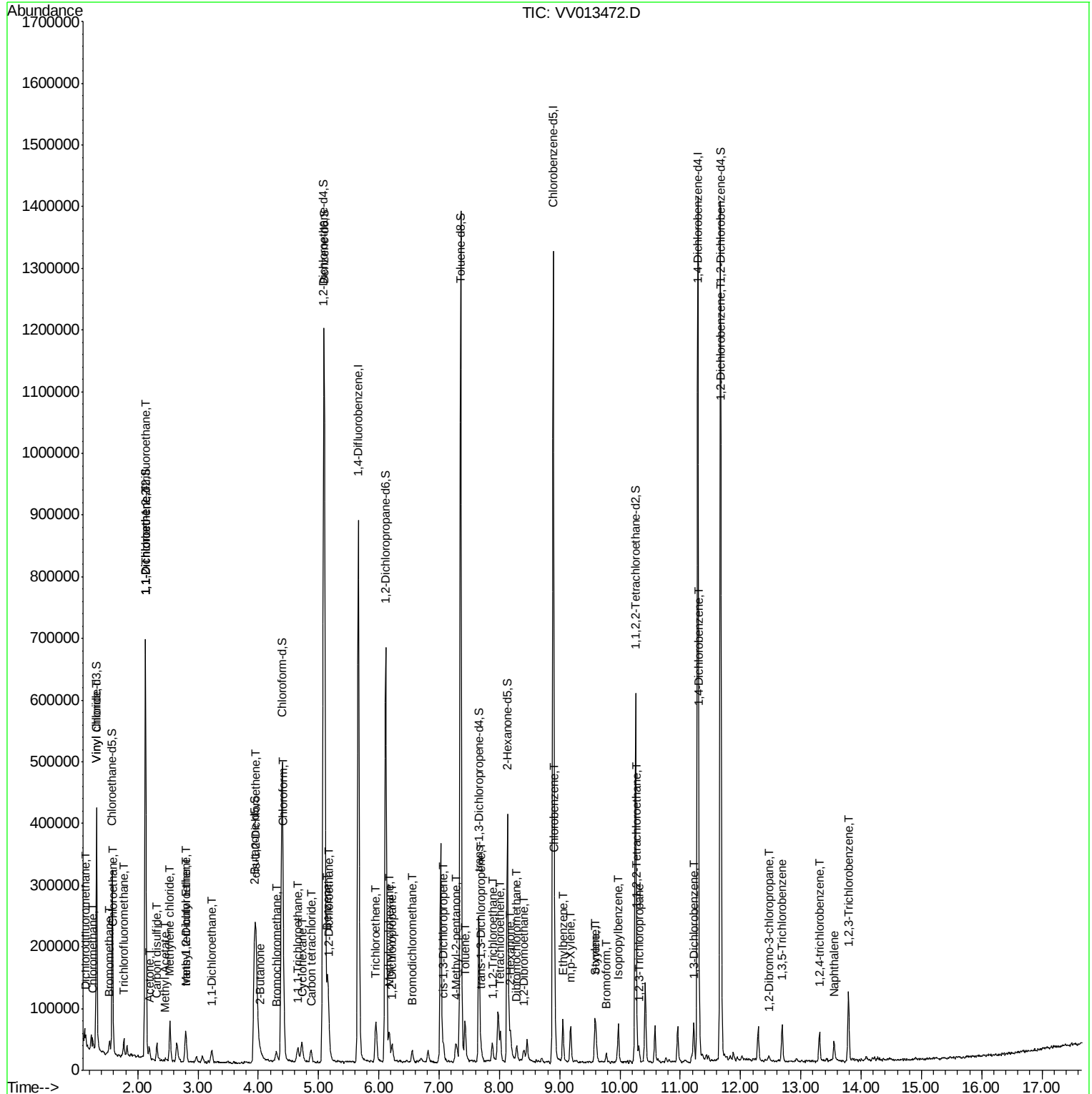
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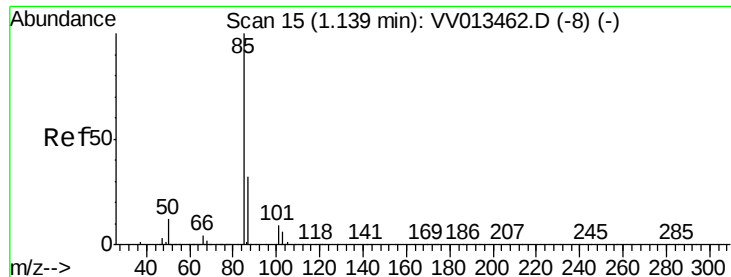
Instrument :
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#2

Dichlorodifluoromethane

Concen: 1.032 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 85 Resp: 11925

Ion Ratio Lower Upper

85 100

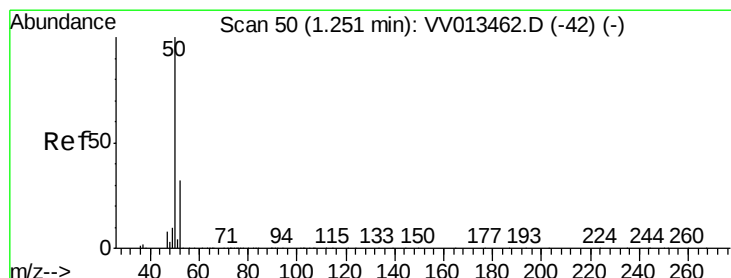
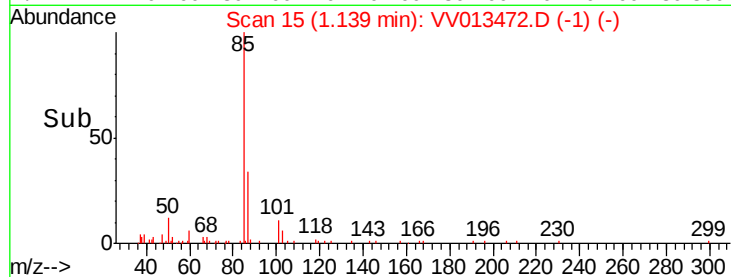
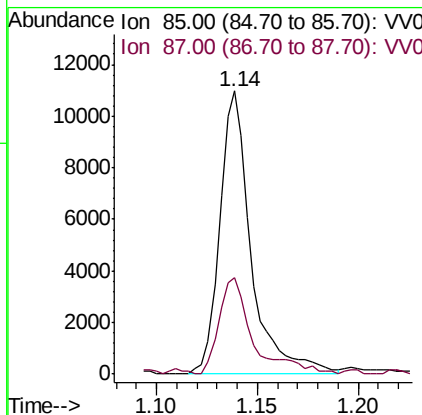
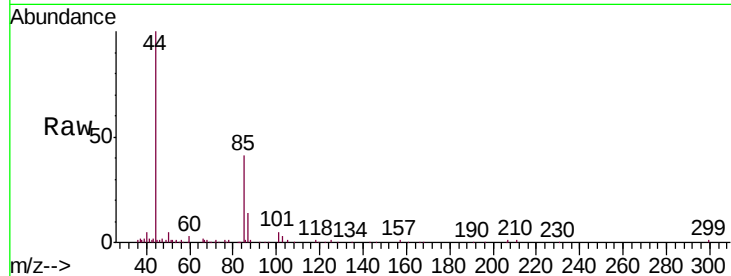
87 32.6 22.2 41.2

Manual Integrations

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#3

Chloromethane

Concen: 1.069 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013472.D

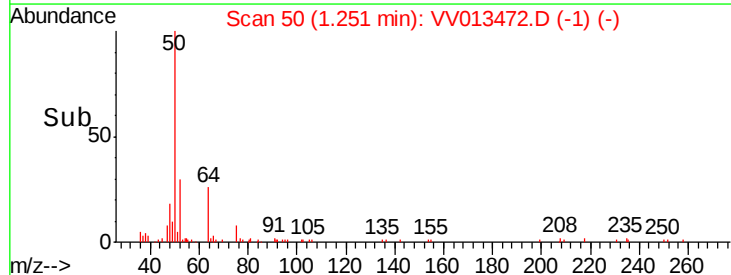
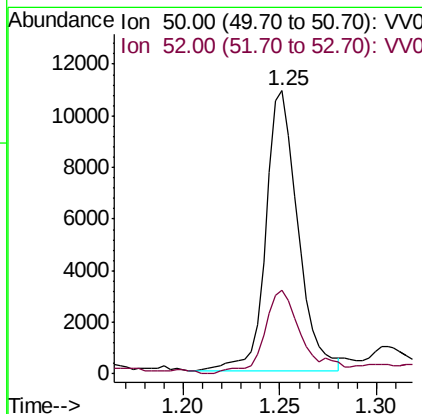
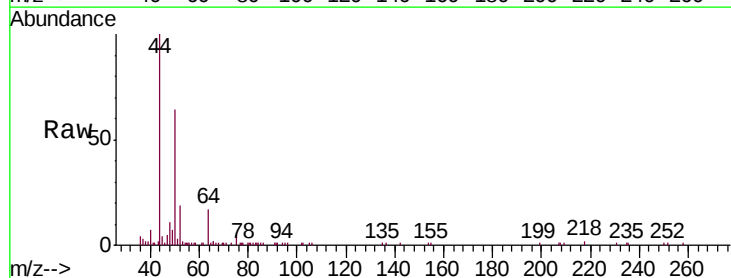
Acq: 01 Nov 2019 16:46

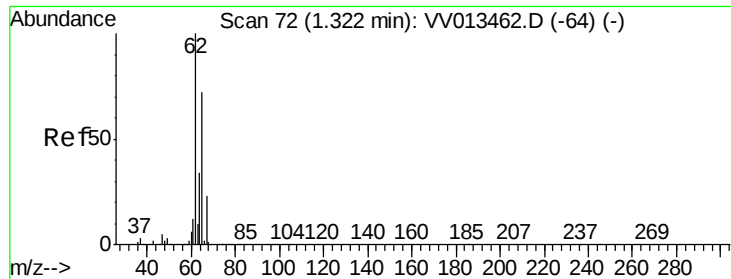
Tgt Ion: 50 Resp: 12591

Ion Ratio Lower Upper

50 100

52 29.7 22.2 41.2





#5

Vinyl chloride

Concen: 1.053 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 62 Resp: 12139

Ion Ratio Lower Upper

62 100

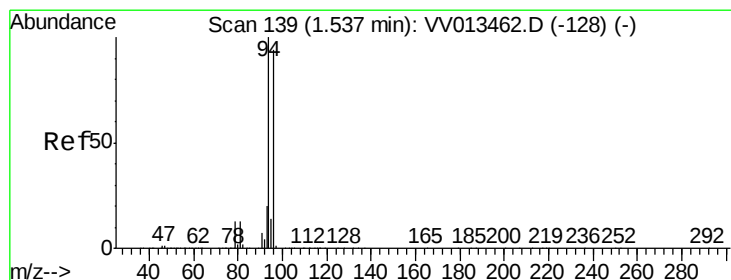
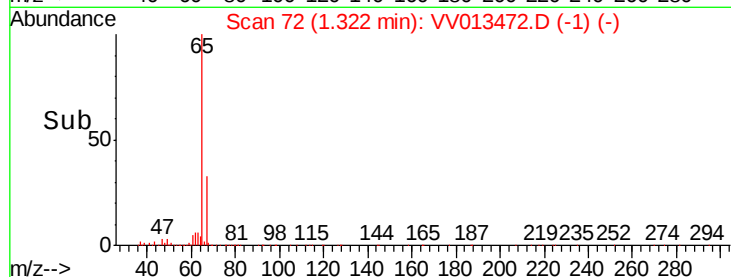
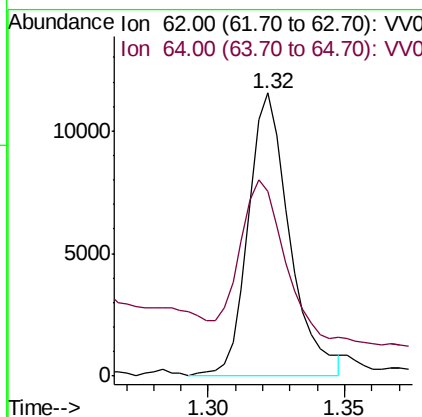
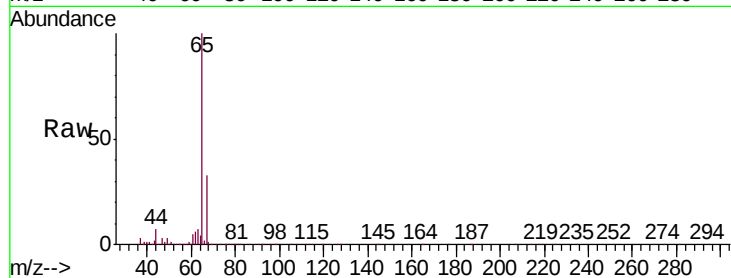
64 65.3 23.8 44.2#

Manual Integrations

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#6

Bromomethane

Concen: 0.966 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV013472.D

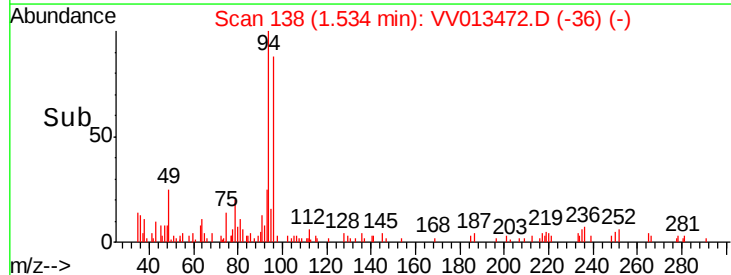
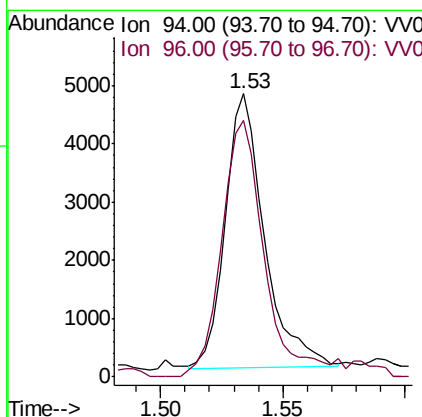
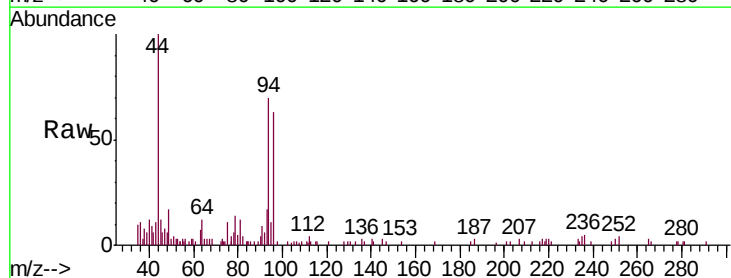
Acq: 01 Nov 2019 16:46

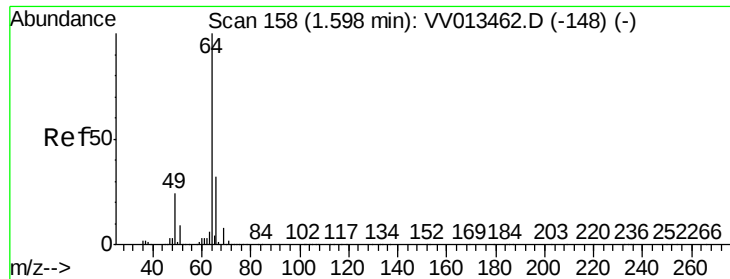
Tgt Ion: 94 Resp: 5233

Ion Ratio Lower Upper

94 100

96 101.8 9.4 177.8





#8

Chloroethane

Concen: 1.041 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 64 Resp: 6663

Ion Ratio Lower Upper

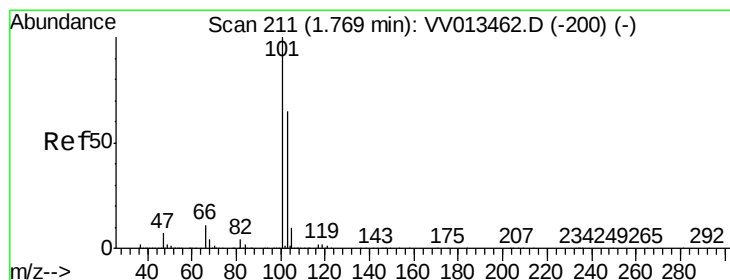
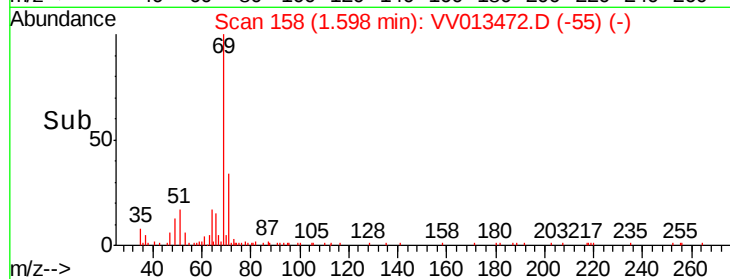
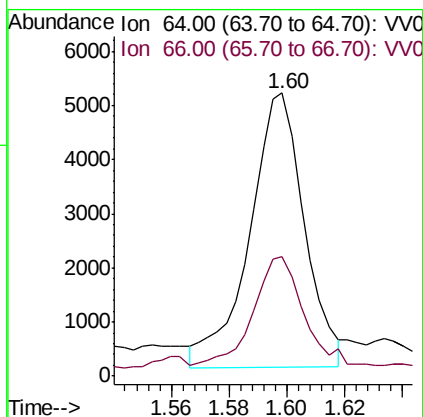
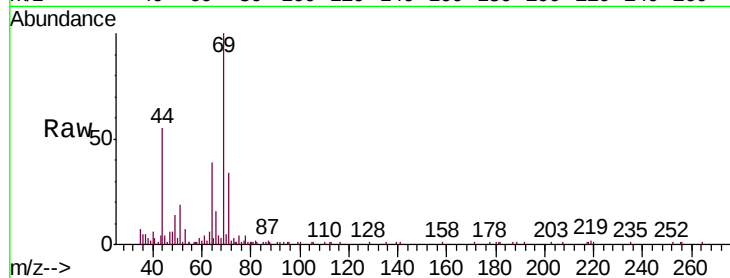
64 100

66 42.1 22.3 41.3#

Manual Integrations
APPROVED

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#9

Trichlorofluoromethane

Concen: 0.931 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV013472.D

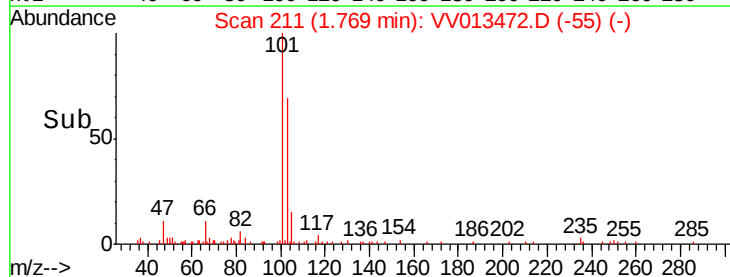
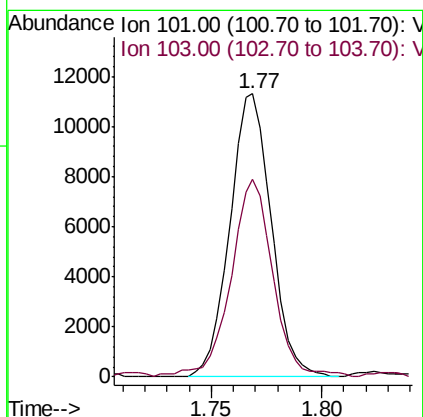
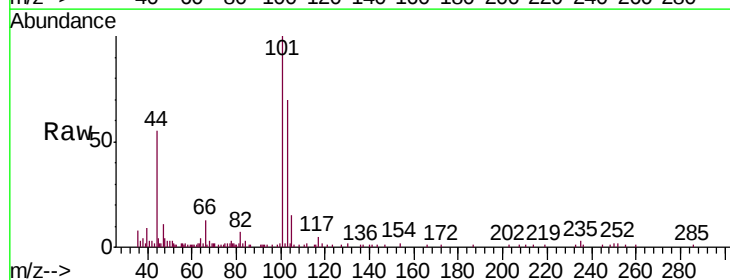
Acq: 01 Nov 2019 16:46

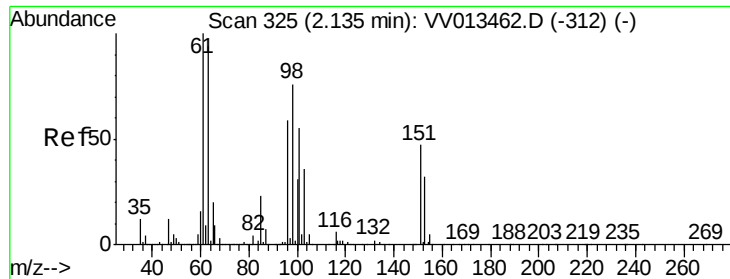
Tgt Ion: 101 Resp: 14693

Ion Ratio Lower Upper

101 100

103 71.1 45.1 83.9





#11

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

Concen: 1.286 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

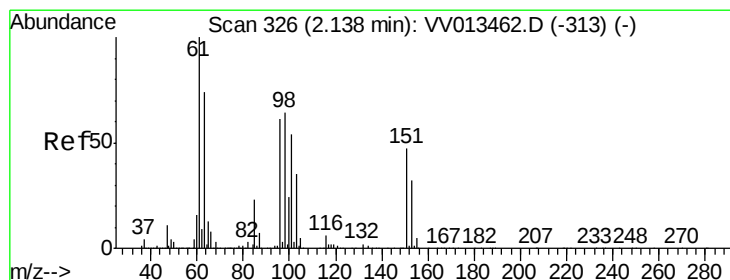
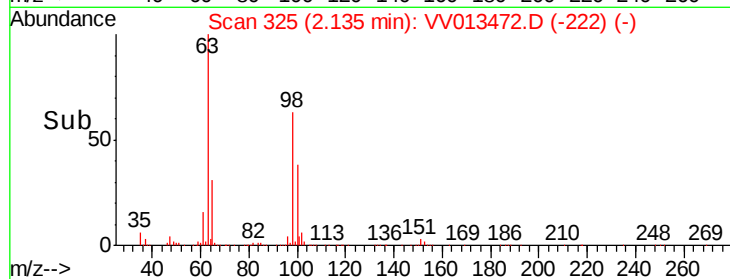
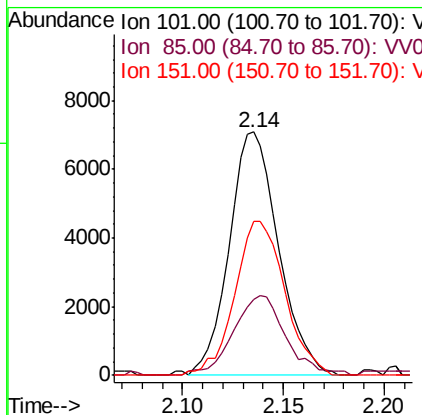
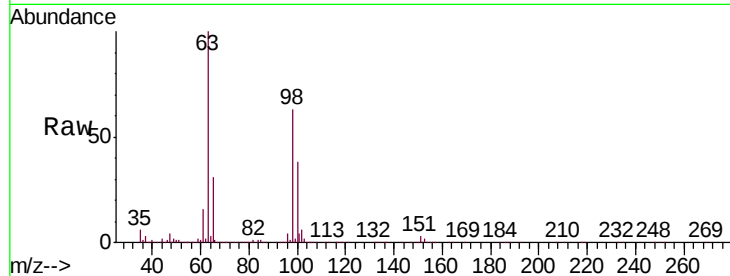
ClientSampleId :

MDL06

Tgt Ion:	101	Resp:	12119
Ion Ratio	Lower	Upper	
101	100		
85	34.4	33.1	49.7
151	64.4	68.3	102.5#

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#12

1,1-Dichloroethene

Concen: 1.243 ug/L m

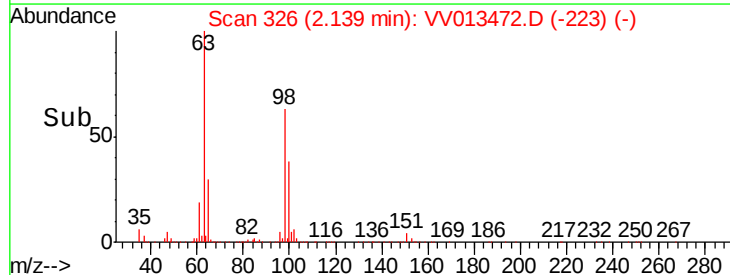
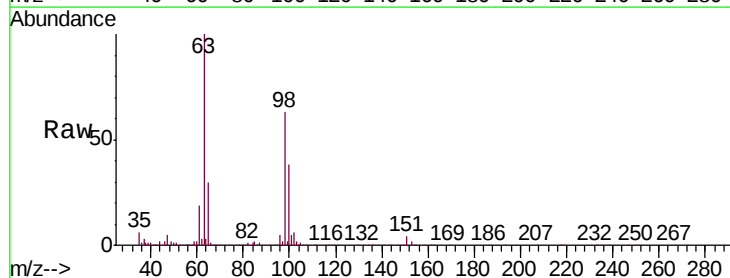
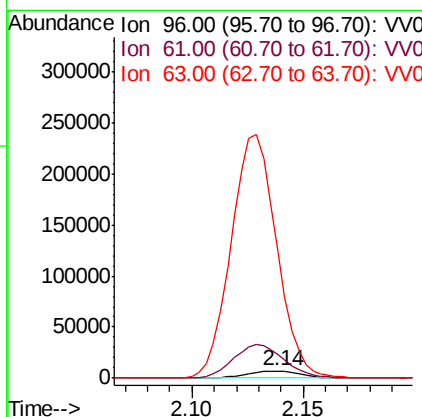
RT: 2.14 min Scan# 326

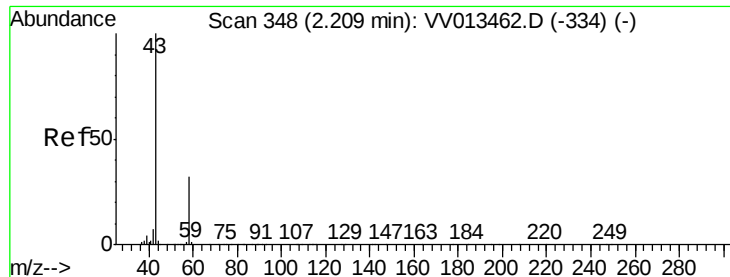
Delta R.T. 0.00 min

Lab File: VV013472.D

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Tgt Ion:	96	Resp:	11069
Ion Ratio	Lower	Upper	
96	100		
61	342.6	114.7	212.9#
63	1819.6	84.7	157.3#





#13

Acetone

Concen: 2.960 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tgt Ion: 43 Resp: 16930

Ion Ratio Lower Upper

43 100

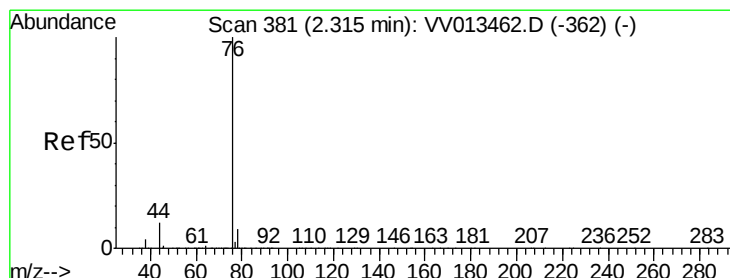
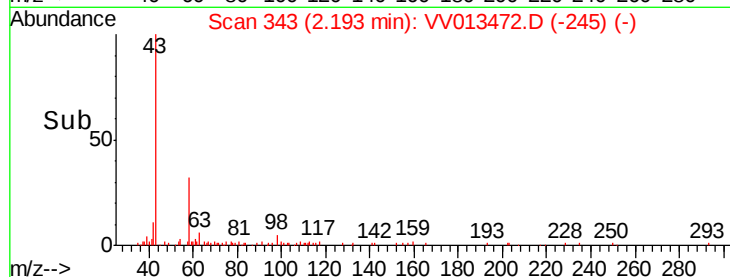
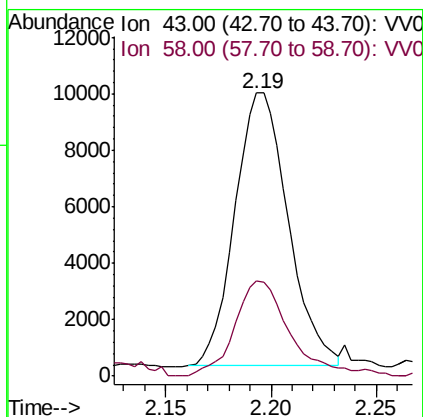
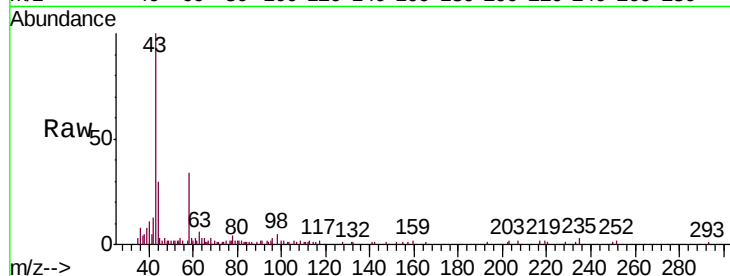
58 35.1 0.0 63.2

Manual Integrations

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#14

Carbon disulfide

Concen: 0.895 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV013472.D

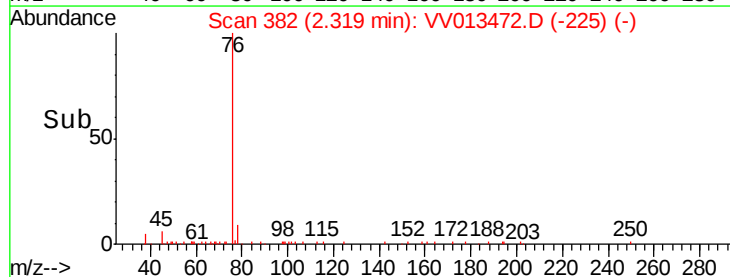
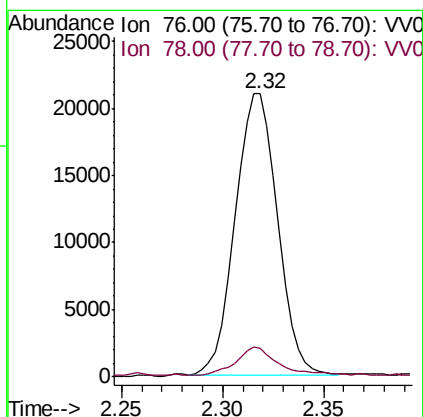
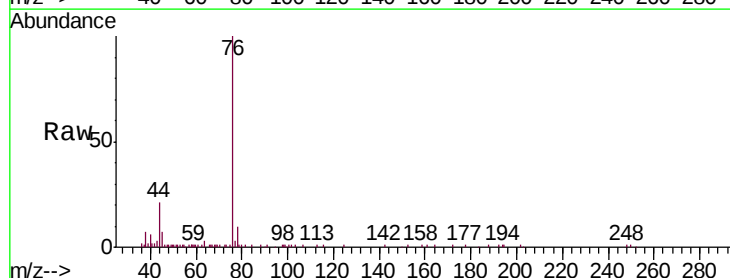
Acq: 01 Nov 2019 16:46

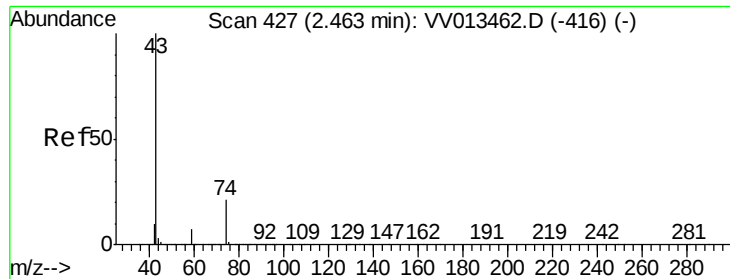
Tgt Ion: 76 Resp: 30921

Ion Ratio Lower Upper

76 100

78 10.1 7.1 10.7





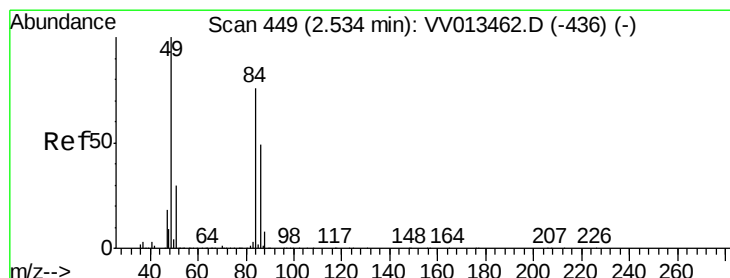
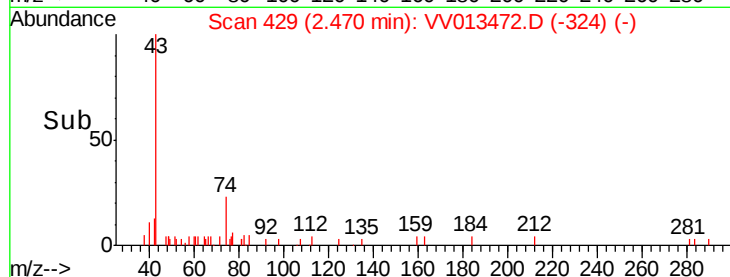
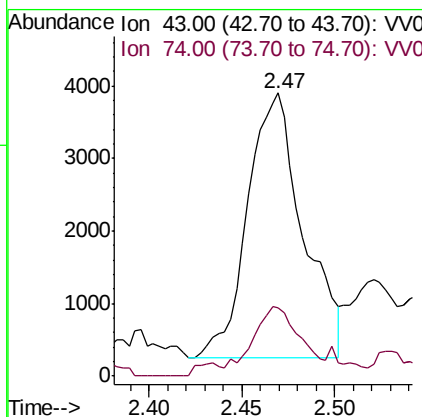
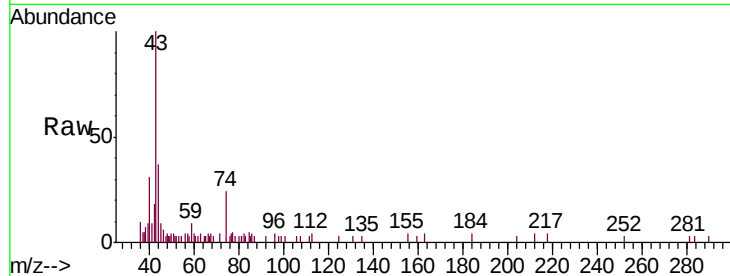
#15
Methyl Acetate
Concen: 0.884 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tgt Ion: 43 Resp: 7607
Ion Ratio Lower Upper
43 100
74 20.9 16.9 25.3

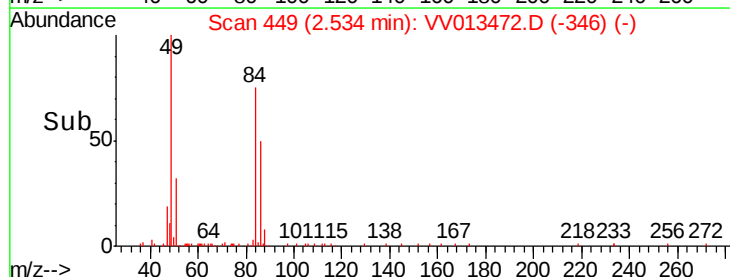
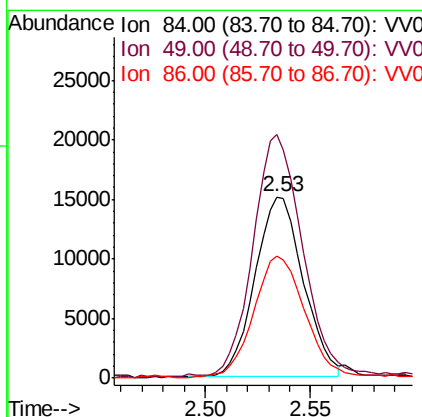
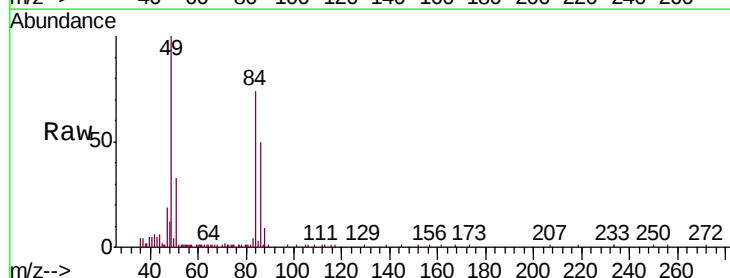
Manual Integrations
APPROVED

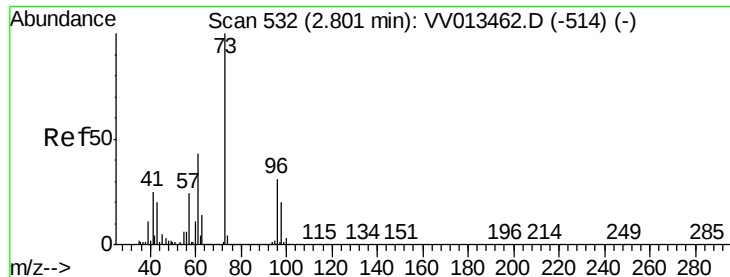
MMDadoda
11/4/2019 12:38:50 PM



#16
Methylene chloride
Concen: 1.745 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion: 84 Resp: 24061
Ion Ratio Lower Upper
84 100
49 134.2 92.4 171.6
86 67.4 45.1 83.7





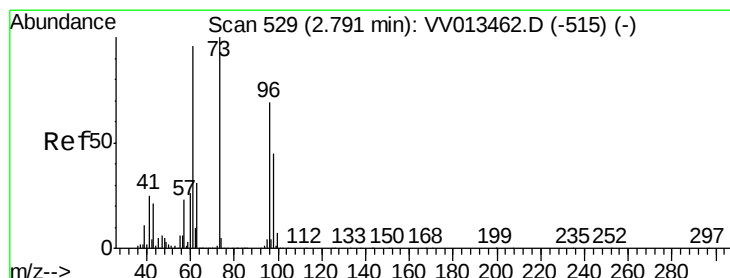
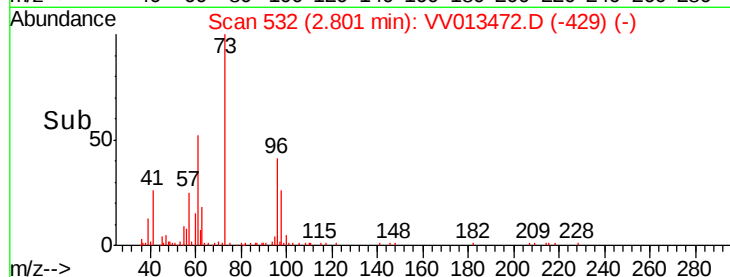
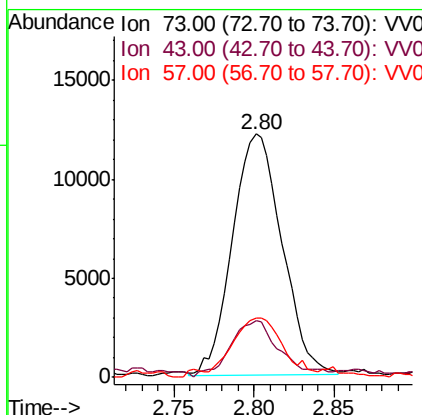
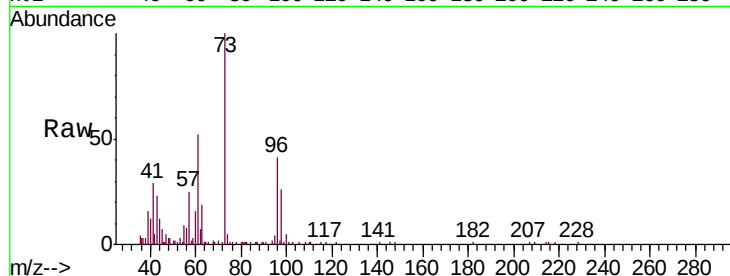
#17
Methyl tert-butyl Ether
Concen: 0.883 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
73	100		
43	16.4	16.2	24.2
57	22.9	18.6	27.8

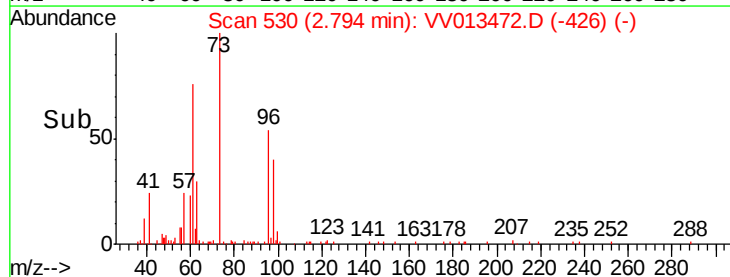
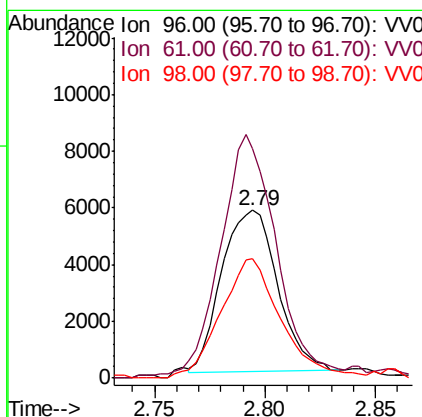
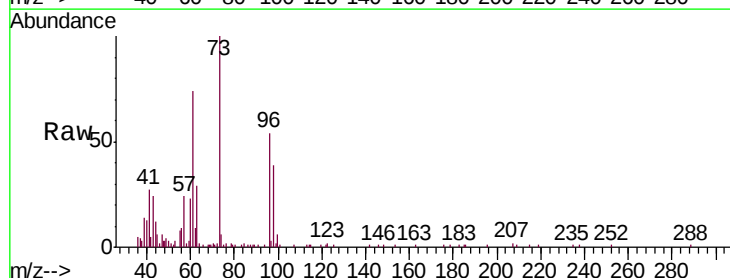
Manual Integrations
APPROVED

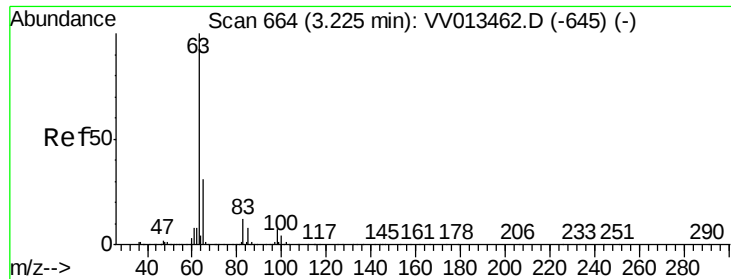
MMDadoda
11/4/2019 12:38:50 PM



#18
trans-1,2-Dichloroethene
Concen: 0.840 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.9	98.0	182.0
98	71.7	45.6	84.8





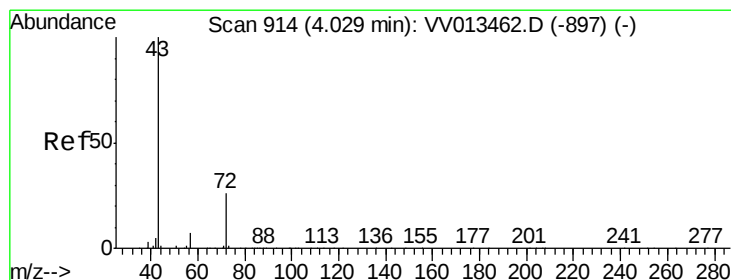
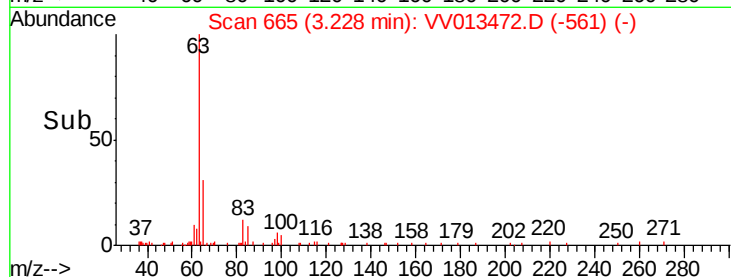
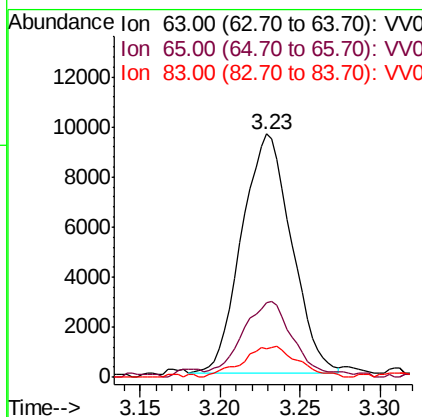
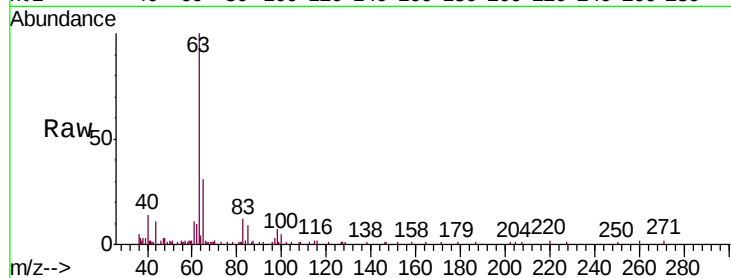
#19
 1,1-Dichloroethane
 Concen: 0.938 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.7	40.3
83	13.2	8.8	16.3

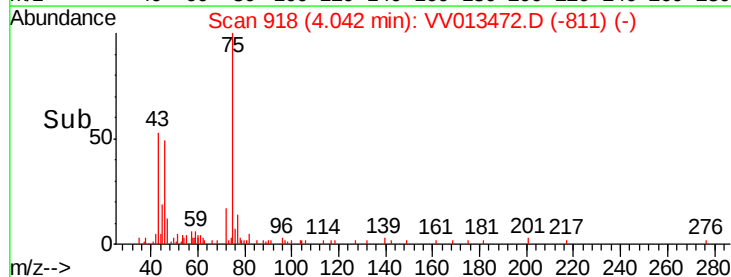
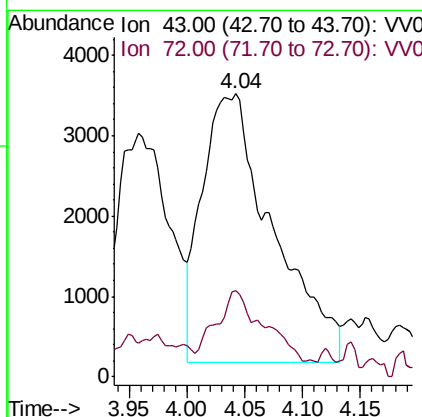
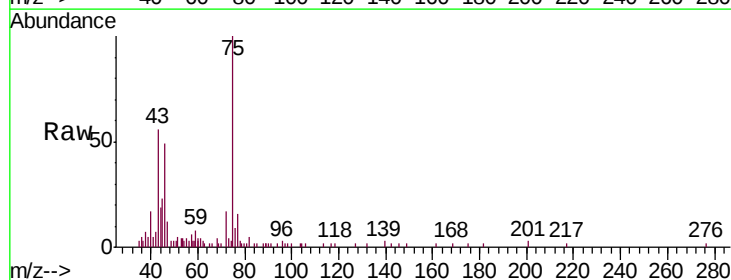
Manual Integrations
 APPROVED

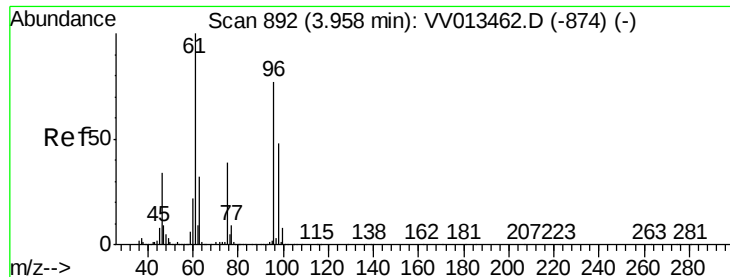
MMDadoda
 11/4/2019 12:38:50 PM



#21
 2-Butanone
 Concen: 2.407 ug/L m
 RT: 4.04 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.4	12.1	36.3#





#22

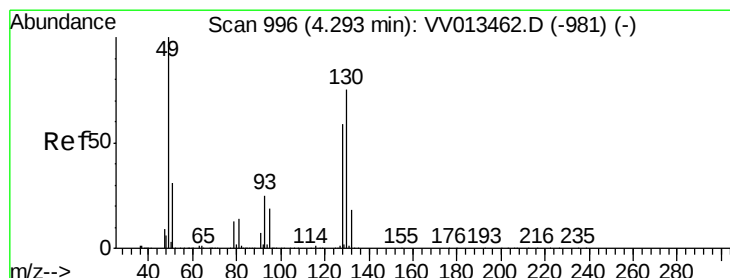
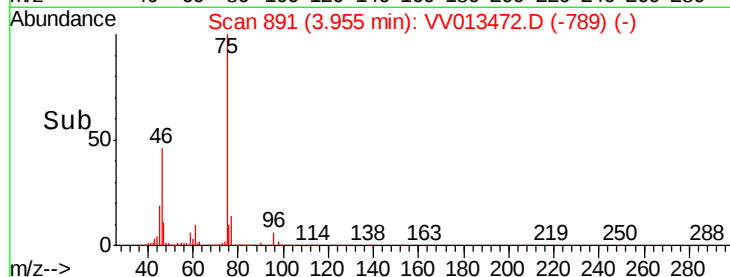
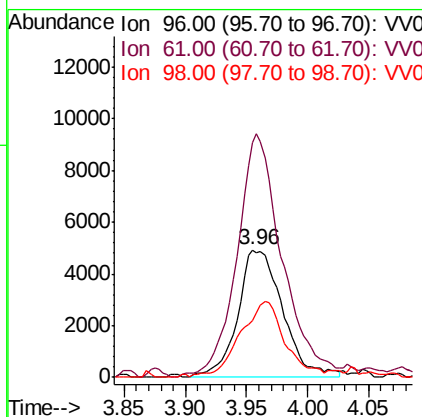
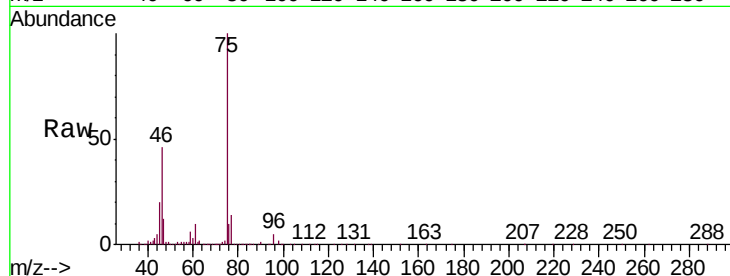
cis-1,2-Dichloroethene
Concen: 1.008 ug/L m
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.2	91.5	169.9#
98	45.0	43.8	81.3

Manual Integrations
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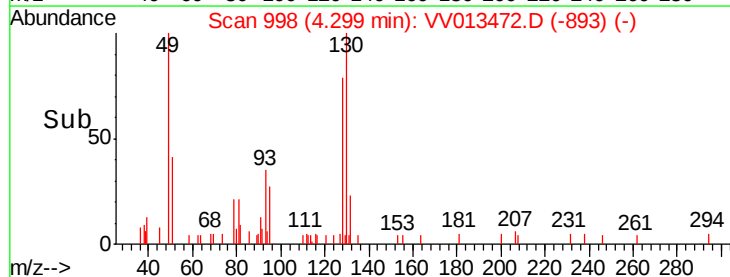
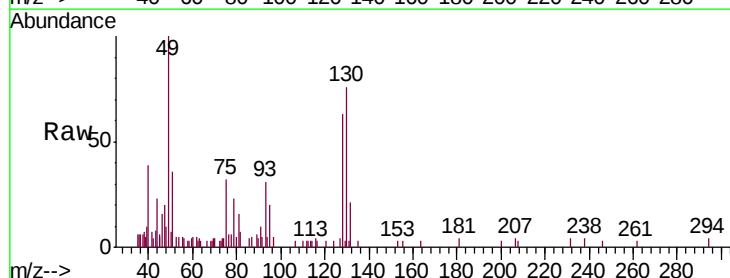
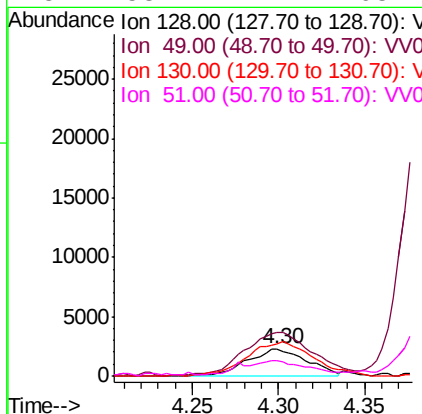
MMDadoda
11/4/2019 12:38:50 PM

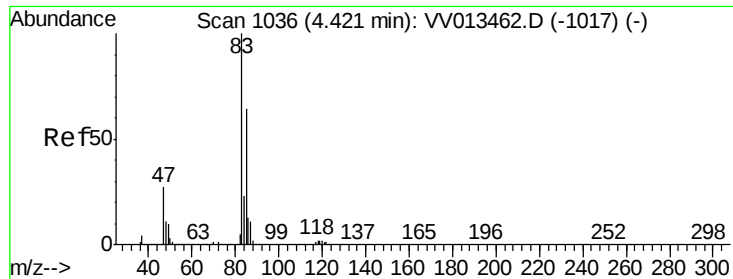


#23

Bromochloromethane
Concen: 0.911 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.01 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.6	118.2	219.4
130	120.7	89.0	165.4
51	58.1	42.2	63.4





#25

Chloroform

Concen: 1.640 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 83 Resp: 36356

Ion Ratio Lower Upper

83 100

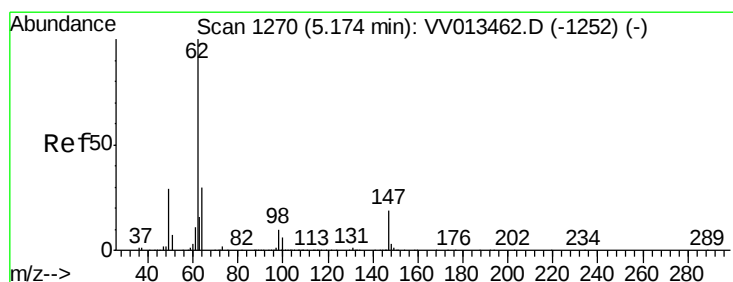
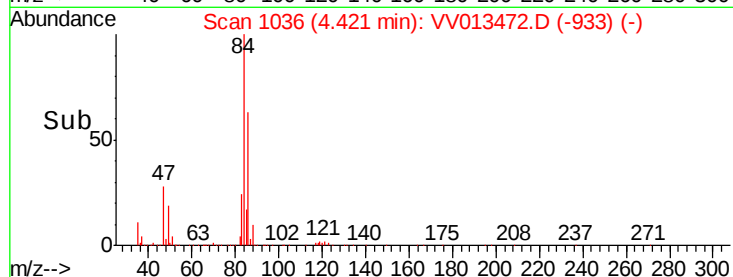
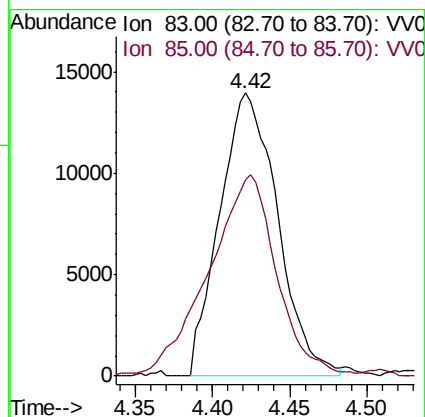
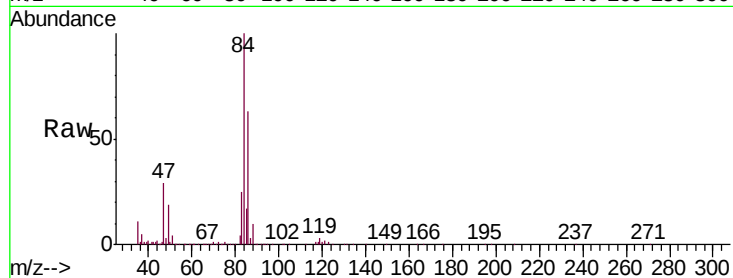
85 83.7 45.8 85.0

Manual Integrations

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MMDadoda

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#27

1,2-Dichloroethane

Concen: 0.955 ug/L m

RT: 5.18 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VV013472.D

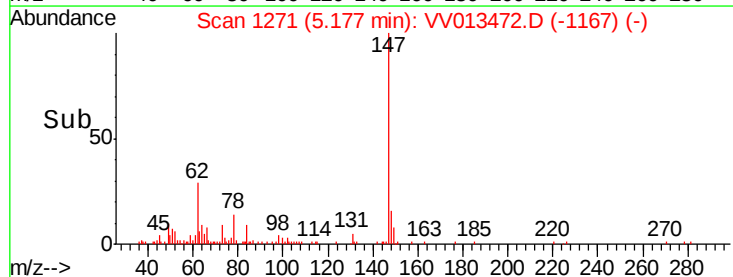
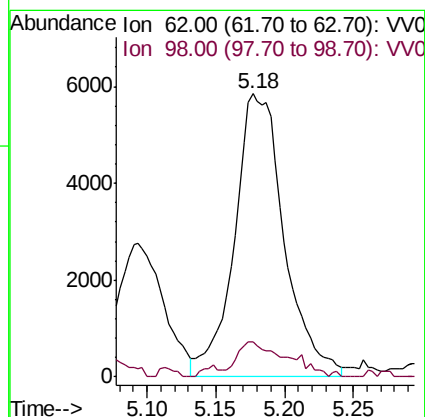
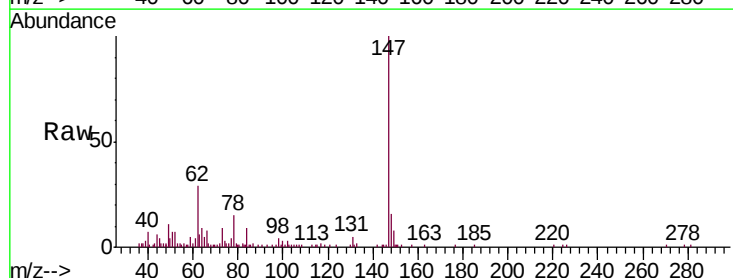
Acq: 01 Nov 2019 16:46

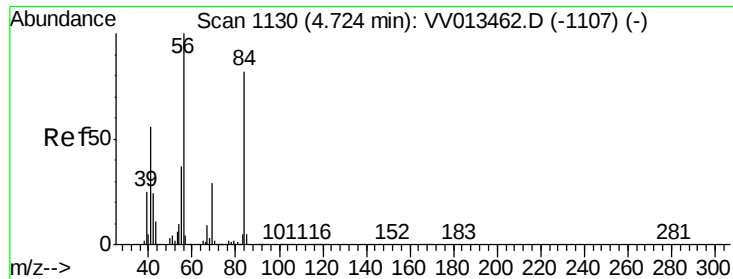
Tgt Ion: 62 Resp: 14706

Ion Ratio Lower Upper

62 100

98 12.5 7.8 11.6#





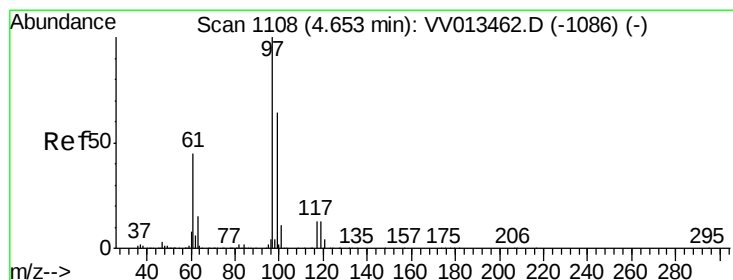
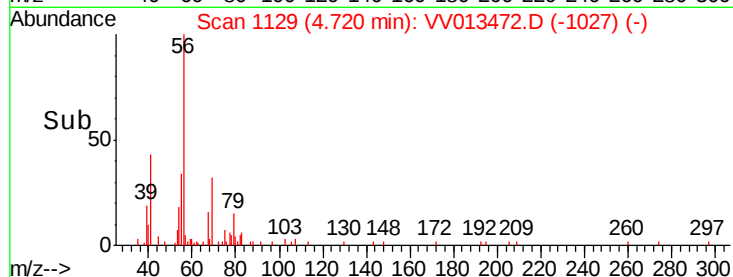
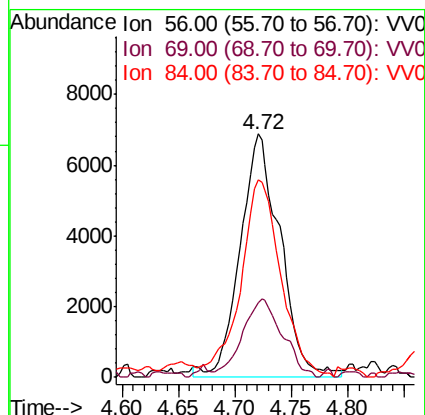
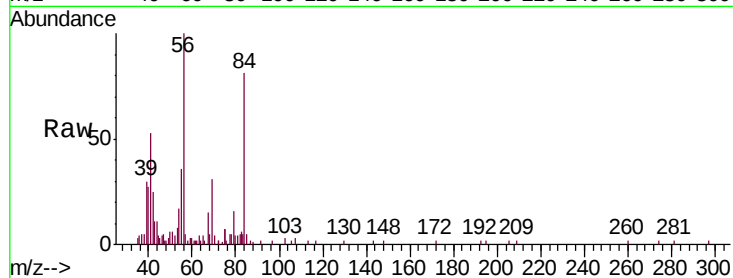
#30
Cyclohexane
Concen: 0.894 ug/L m
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
56	100		
69	0.3	23.0	34.6#
84	0.8	66.2	99.4#

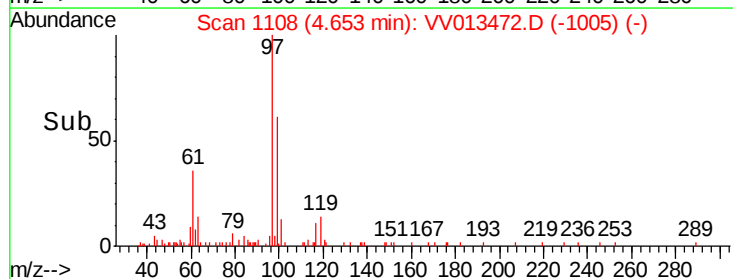
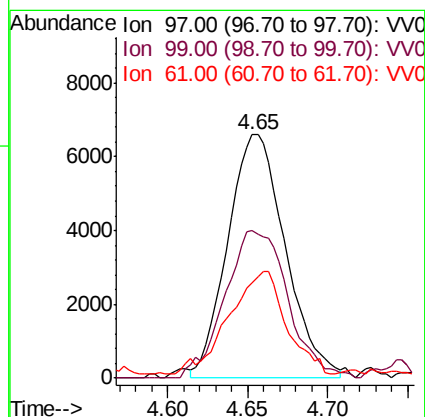
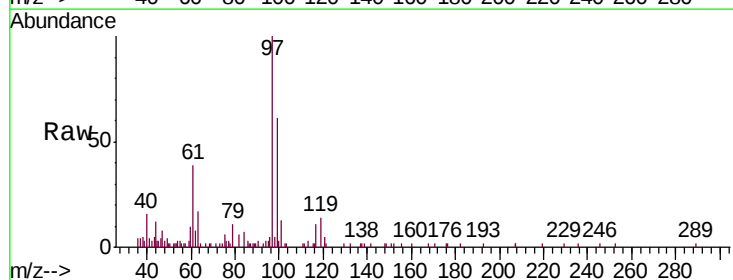
Manual Integrations
APPROVED

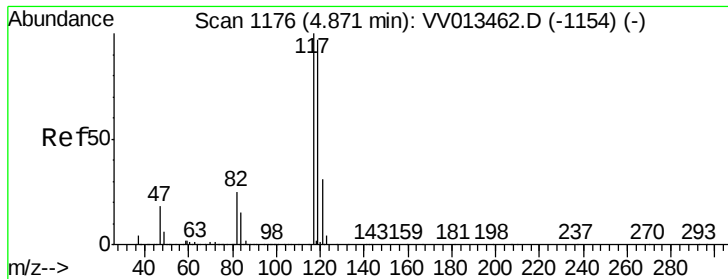
MMDadoda
11/4/2019 12:38:50 PM



#31
1,1,1-Trichloroethane
Concen: 0.915 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	40.3	36.3	54.5





#32

Carbon tetrachloride

Concen: 0.890 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:117 Resp: 14149

Ion Ratio Lower Upper

117 100

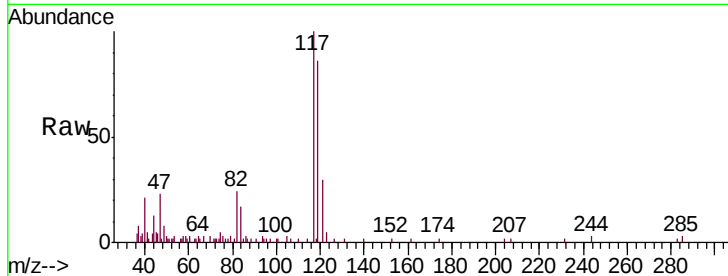
119 98.0 77.4 116.0

Manual Integrations

APPROVED

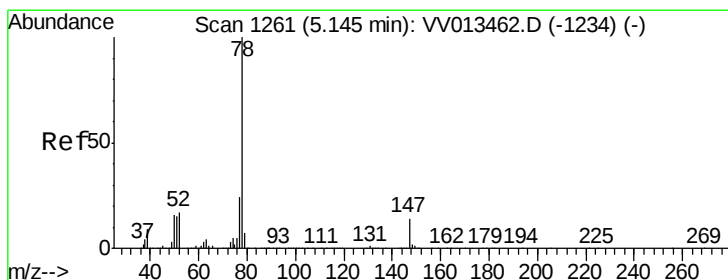
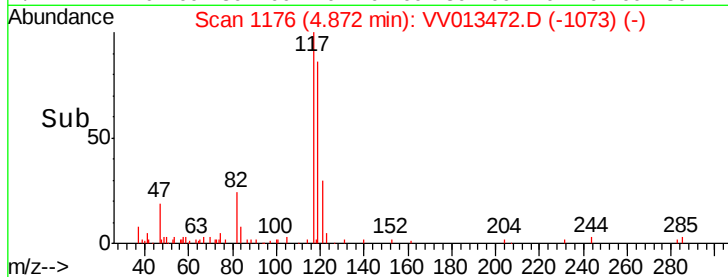
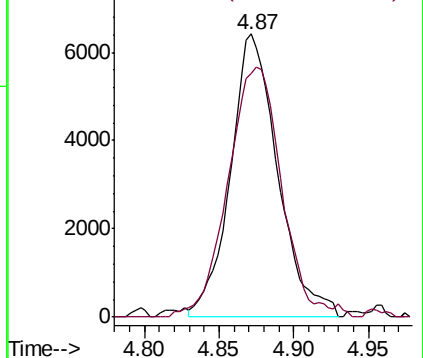
MMDadoda

11/4/2019 12:38:50 PM



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 0.951 ug/L

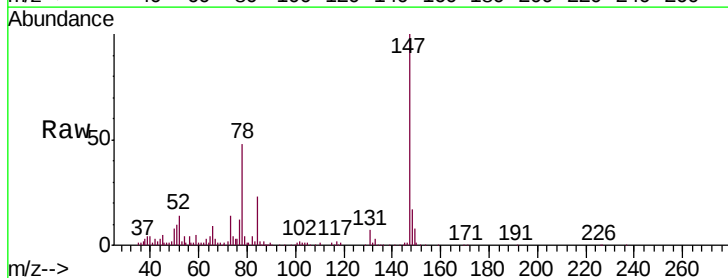
RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

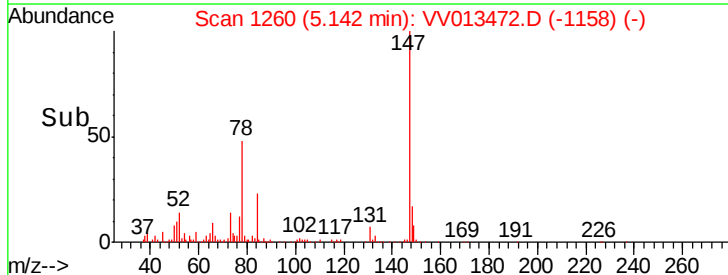
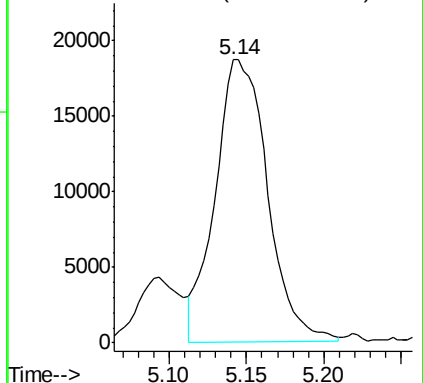
Lab File: VV013472.D

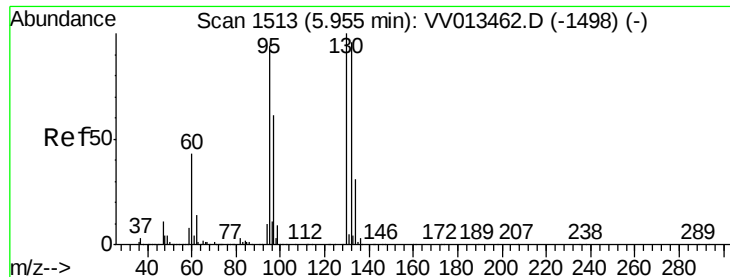
Acq: 01 Nov 2019 16:46

Tgt Ion: 78 Resp: 43890



Abundance Ion 78.00 (77.70 to 78.70): VV0





#35

Trichloroethene

Concen: 1.056 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

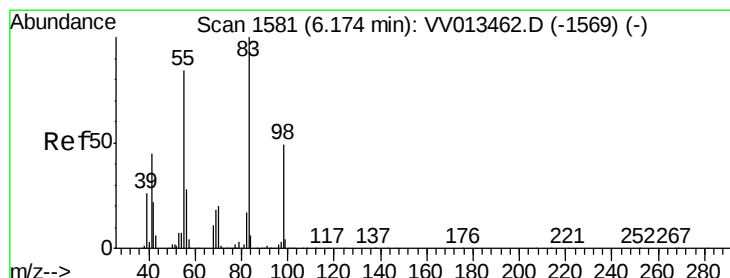
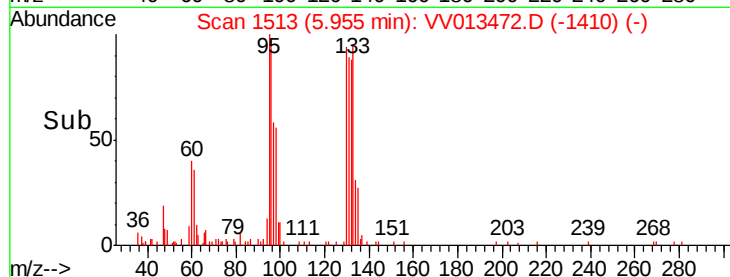
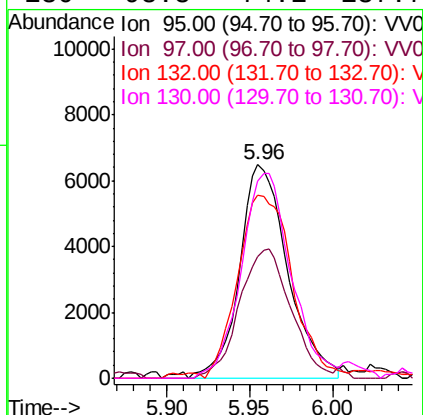
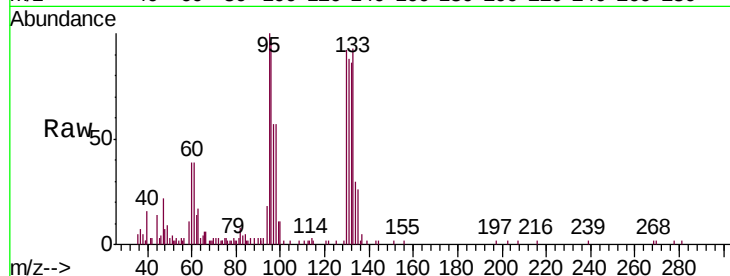
ClientSampled :

MDL06

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.7	83.1
132	97.1	71.0	131.8
130	98.8	74.1	137.7

Manual Integrations
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11/4/2019 12:38:50 PM



#36

Methylcyclohexane

Concen: 0.819 ug/L

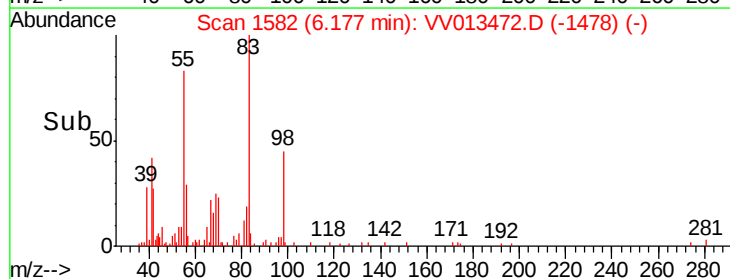
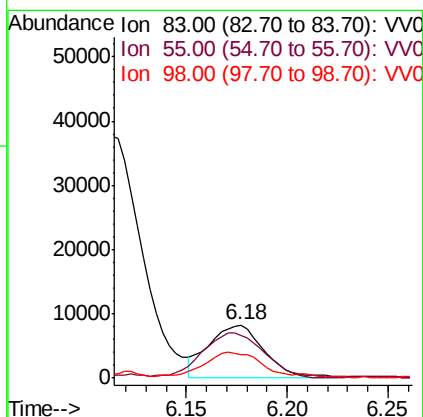
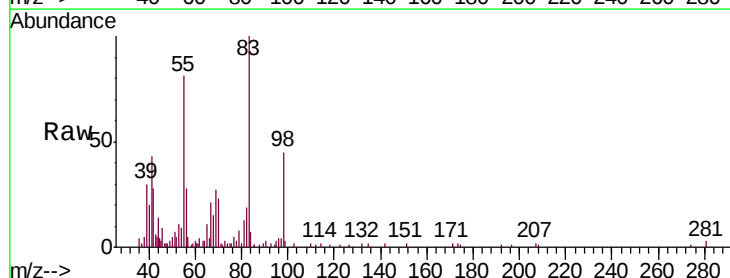
RT: 6.18 min Scan# 1582

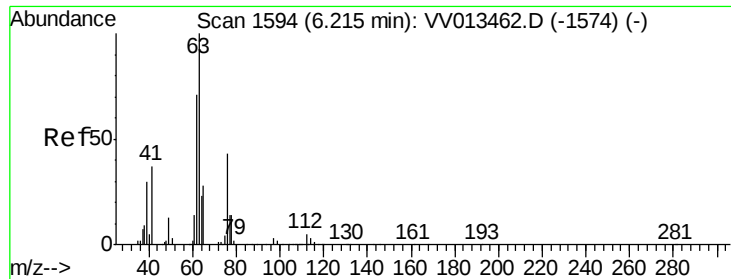
Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
83	100		
55	94.1	64.2	96.4
98	49.3	38.4	57.6





#40

1,2-Dichloropropane

Concen: 0.905 ug/L

RT: 6.22 min Scan# 1594

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 63 Resp: 10523
Ion Ratio Lower Upper

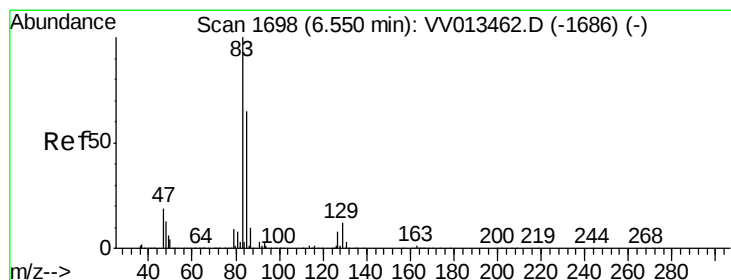
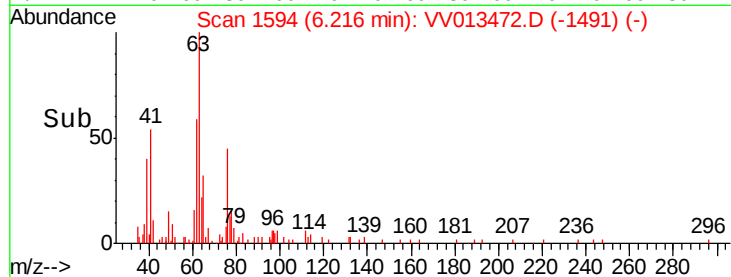
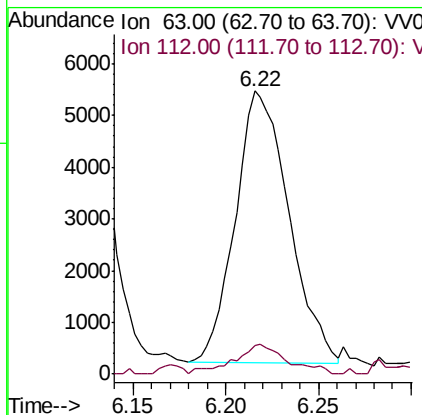
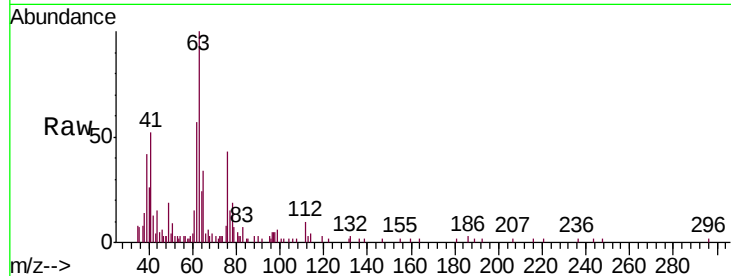
63 100

112 6.7 3.8 5.6#

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#41

Bromodichloromethane

Concen: 0.869 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VV013472.D

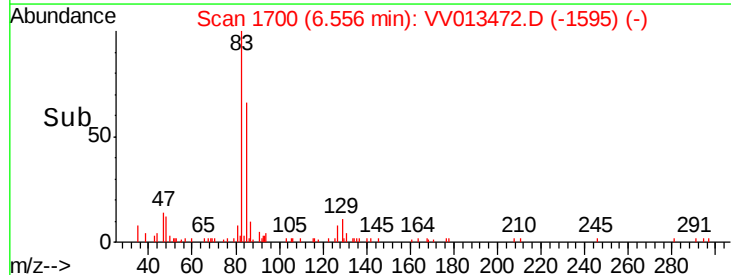
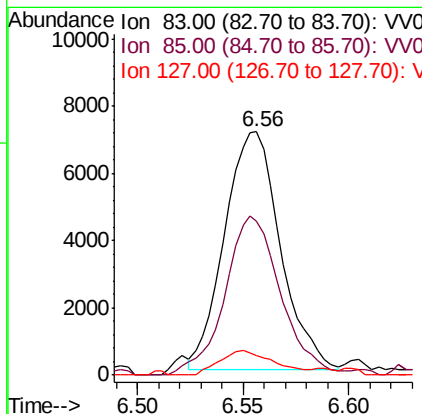
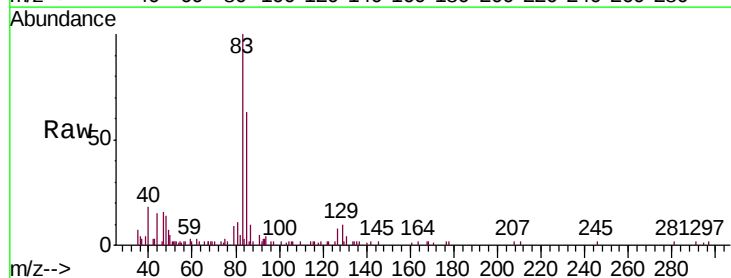
Acq: 01 Nov 2019 16:46

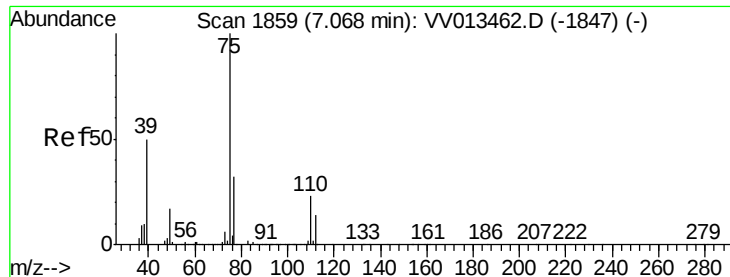
Tgt Ion: 83 Resp: 13006
Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4

127 8.1 6.7 10.1





#42

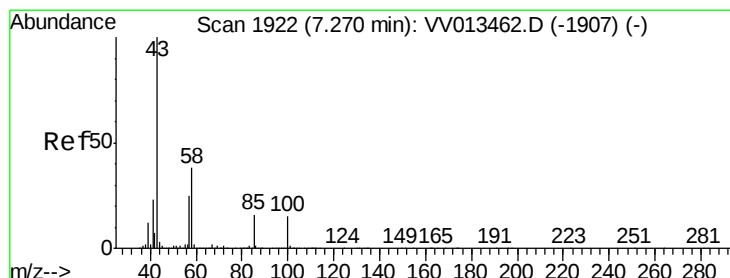
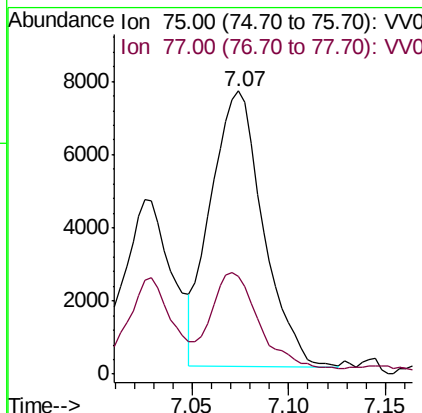
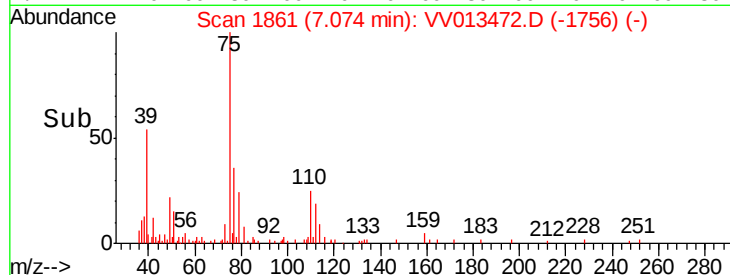
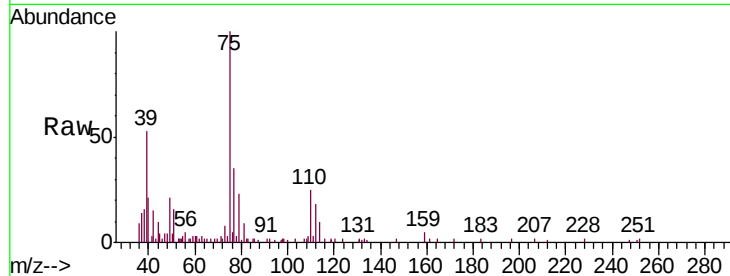
cis-1,3-Dichloropropene
Concen: 0.823 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 75 Resp: 14194
Ion Ratio Lower Upper
75 100
77 34.7 22.7 42.1

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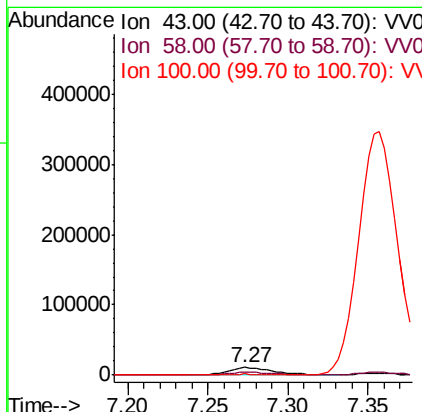
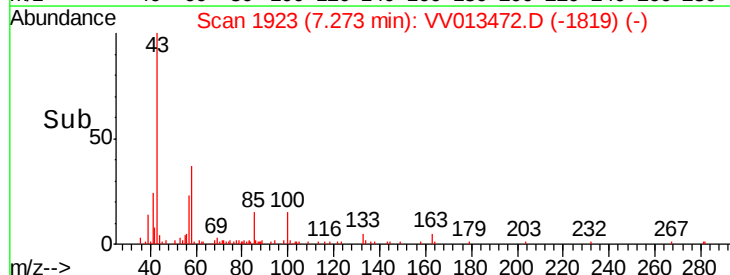
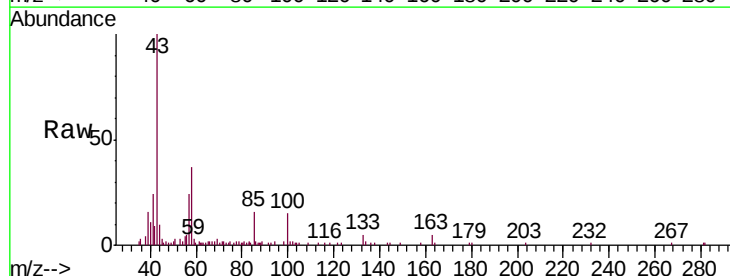
MMDadoda
11/4/2019 12:38:50 PM

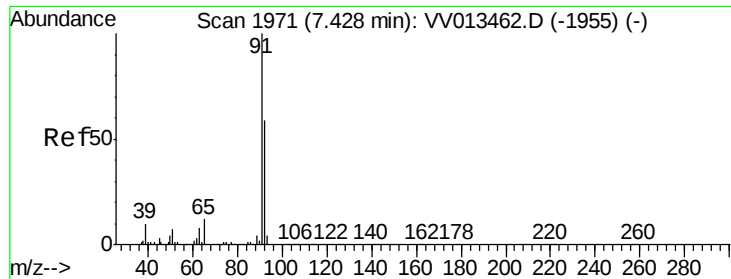


#43

4-Methyl-2-pentanone
Concen: 1.967 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion: 43 Resp: 21114
Ion Ratio Lower Upper
43 100
58 39.8 29.9 44.9
100 5.6 11.5 17.3#





#44

Toluene

Concen: 0.967 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tgt Ion: 91 Resp: 45604

Ion Ratio Lower Upper

91 100

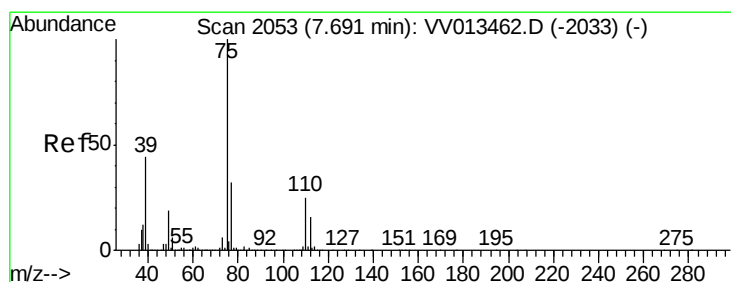
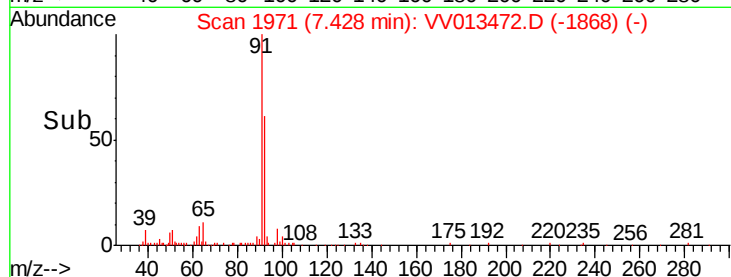
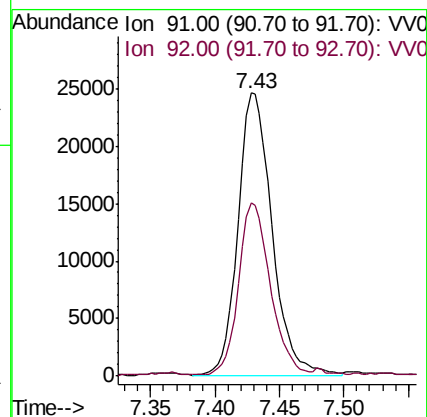
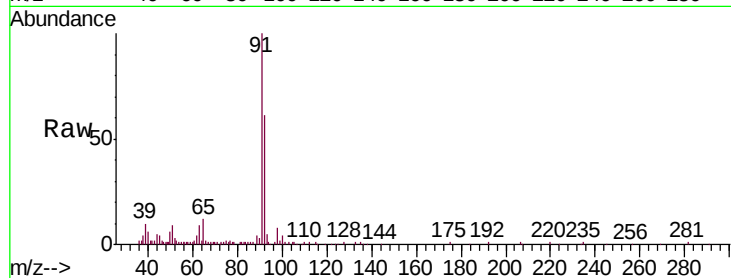
92 61.1 41.4 76.8

Manual Integrations

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MMDadoda

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#45

trans-1,3-Dichloropropene

Concen: 0.900 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV013472.D

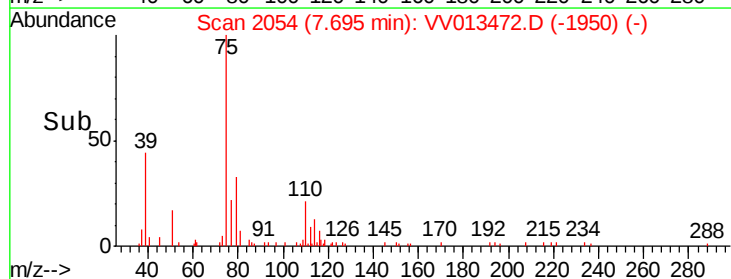
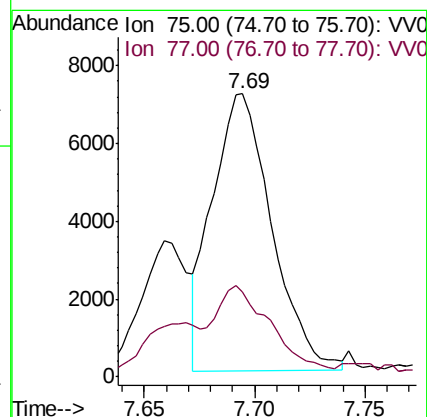
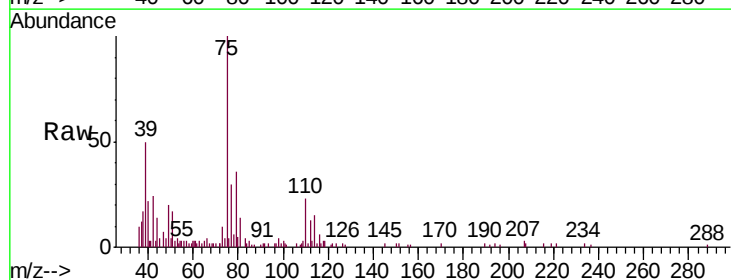
Acq: 01 Nov 2019 16:46

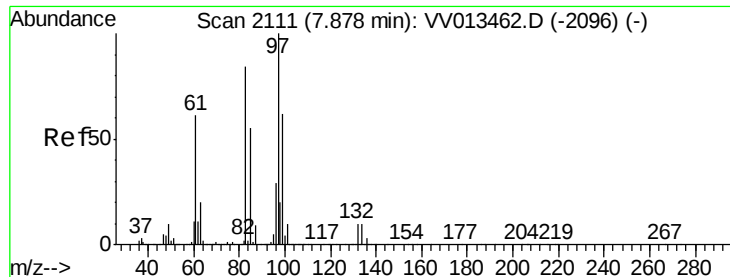
Tgt Ion: 75 Resp: 13299

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.7





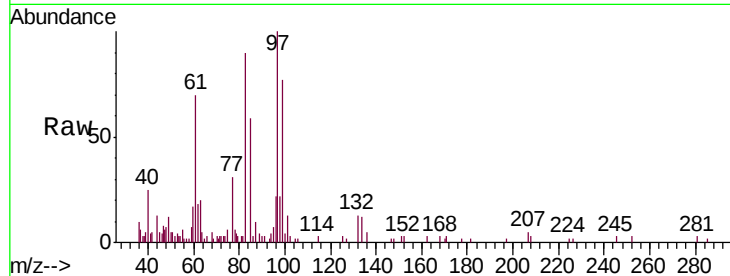
#46
1,1,2-Trichloroethane
Concen: 0.989 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	58.9	109.3
85	58.8	38.6	71.6
99	77.2	43.6	81.0

Manual Integrations
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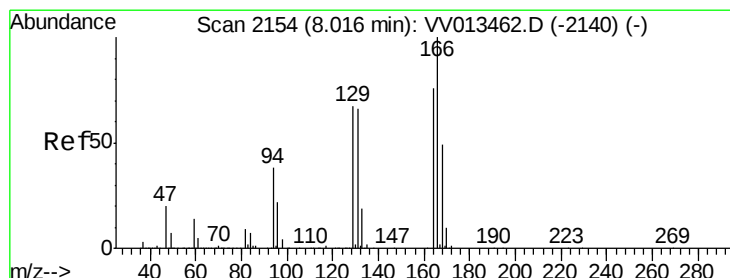
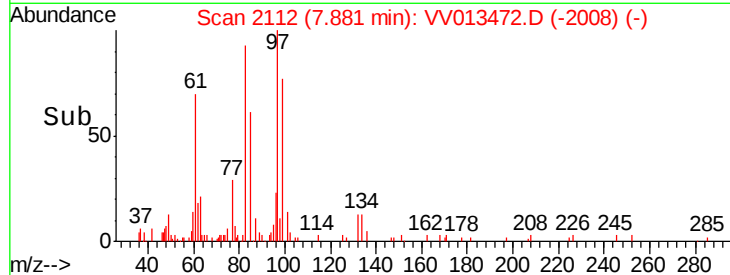
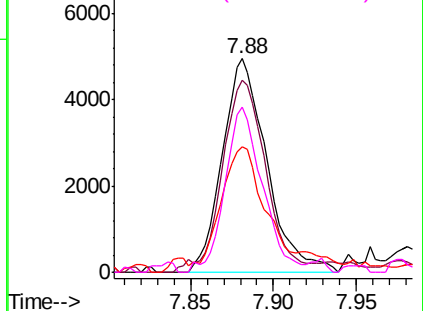


Abundance Ion 97.00 (96.70 to 97.70): VV013472.D (-2096) (-)

Ion 83.00 (82.70 to 83.70): VV013472.D (-2096) (-)

Ion 85.00 (84.70 to 85.70): VV013472.D (-2096) (-)

Ion 99.00 (98.70 to 99.70): VV013472.D (-2096) (-)



#47
Tetrachloroethene
Concen: 0.921 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

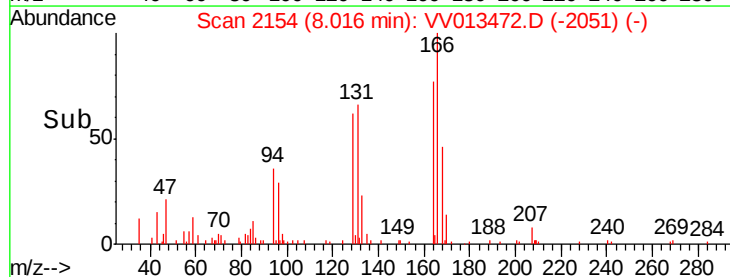
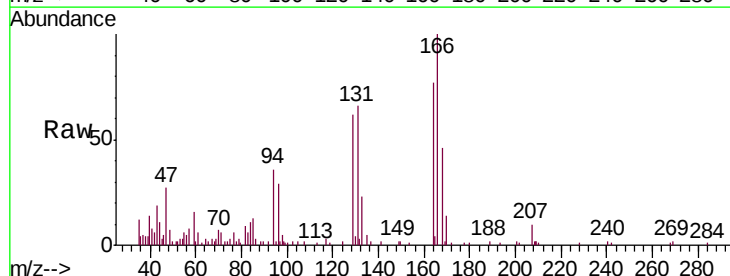
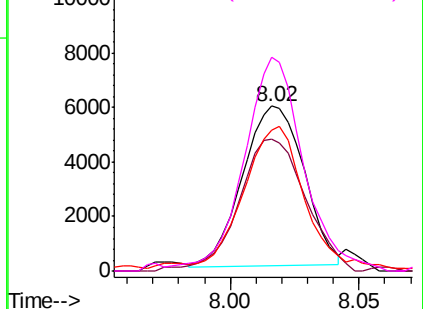
Tgt Ion	Ratio	Lower	Upper
164	100		
129	80.1	61.8	114.8
131	85.5	61.0	113.2
166	129.5	92.1	171.1

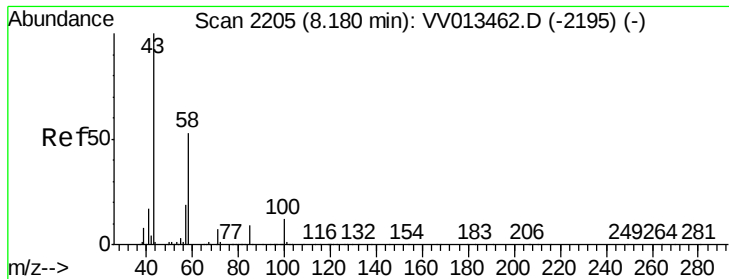
Abundance Ion 164.00 (163.70 to 164.70): VV013472.D (-2051) (-)

Ion 129.00 (128.70 to 129.70): VV013472.D (-2051) (-)

Ion 131.00 (130.70 to 131.70): VV013472.D (-2051) (-)

Ion 166.00 (165.70 to 166.70): VV013472.D (-2051) (-)





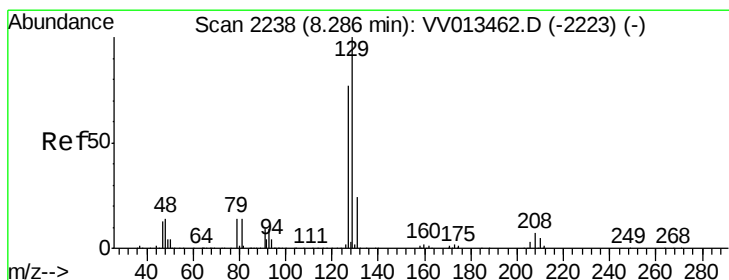
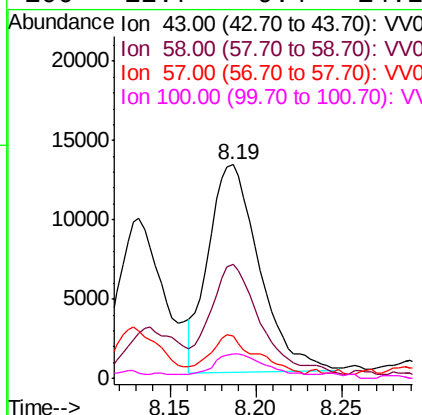
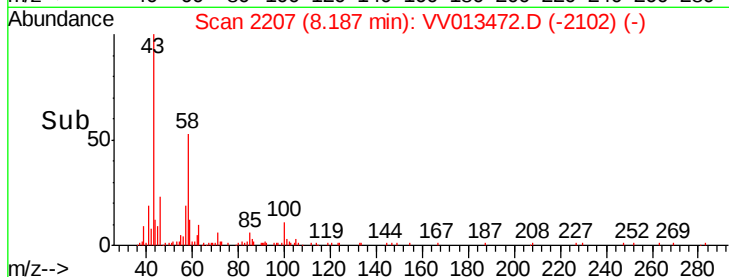
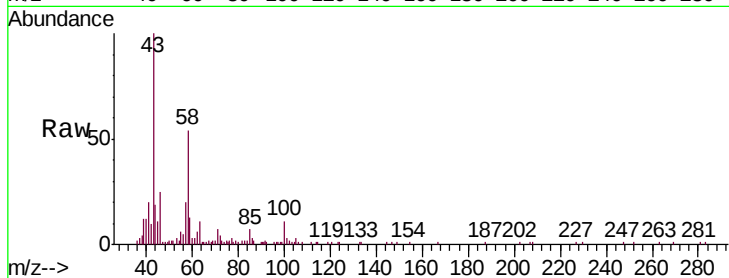
#49
2-Hexanone
Concen: 3.473 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.01 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.9	43.8	65.8
57	9.0	15.0	22.4
100	12.7	9.4	14.2

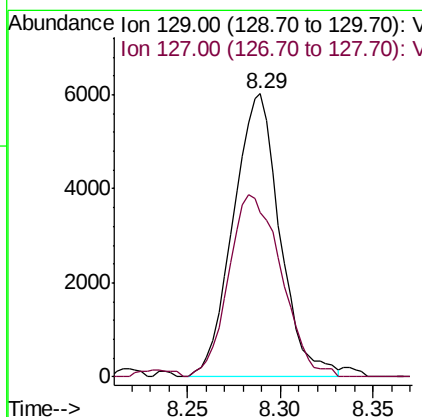
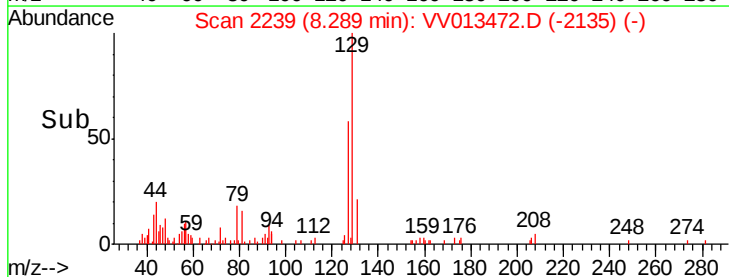
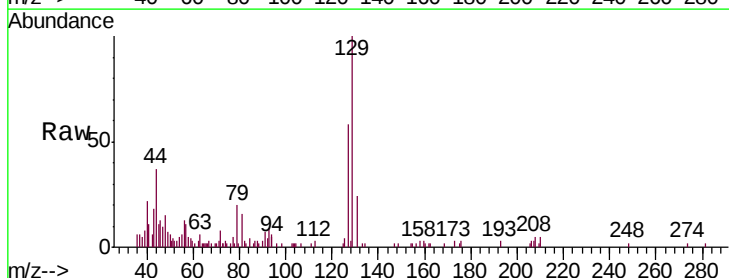
Manual Integrations
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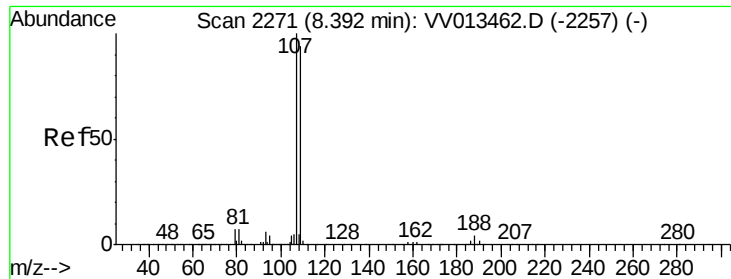
MMDadoda
11/4/2019 12:38:50 PM



#50
Dibromochloromethane
Concen: 0.945 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	58.2	53.9	100.1





#51

1,2-Dibromoethane

Concen: 0.894 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

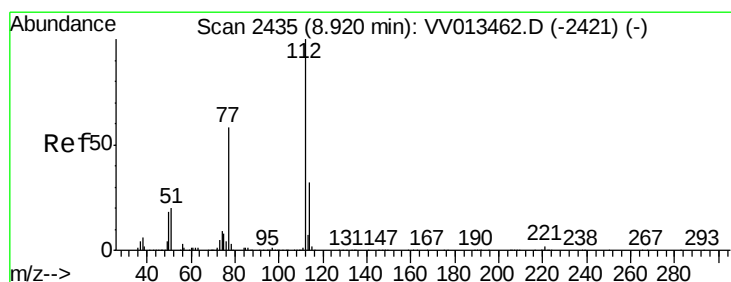
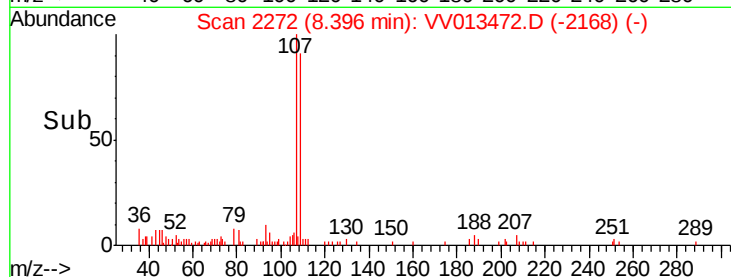
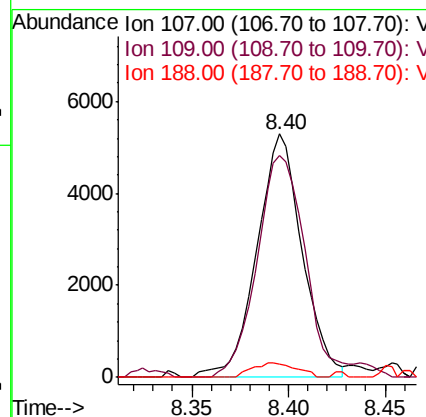
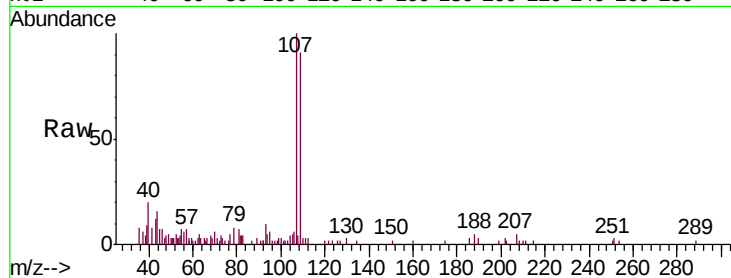
ClientSampleId :

MDL06

Tgt Ion:	107	Resp:	8606
Ion Ratio	Lower	Upper	
107	100		
109	91.3	65.6	121.8
188	5.3	3.5	5.3#

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#52

Chlorobenzene

Concen: 0.947 ug/L

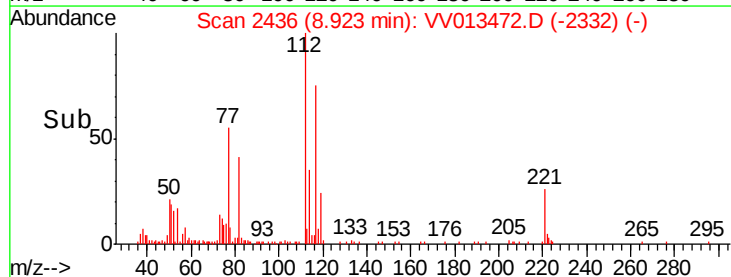
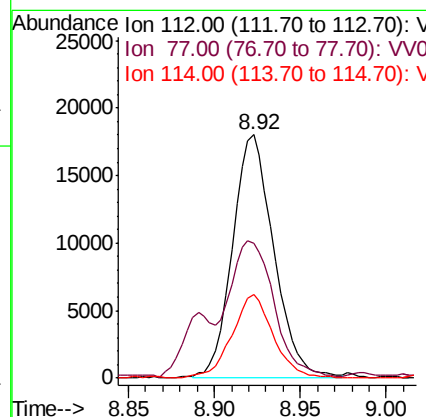
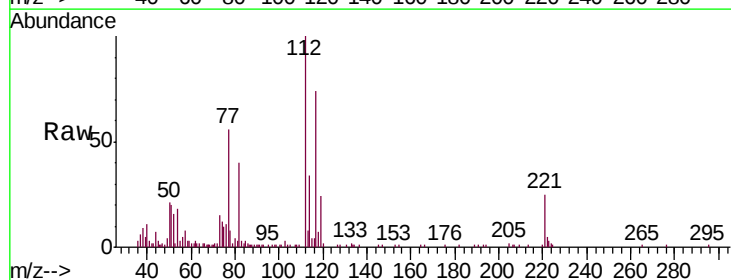
RT: 8.92 min Scan# 2436

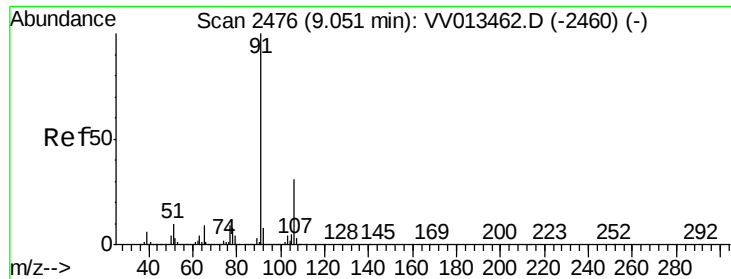
Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Tgt Ion:	112	Resp:	30221
Ion Ratio	Lower	Upper	
112	100		
77	55.6	46.6	70.0
114	34.4	22.5	41.9





#53

Ethylbenzene

Concen: 0.874 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 91 Resp: 45406

Ion Ratio Lower Upper

91 100

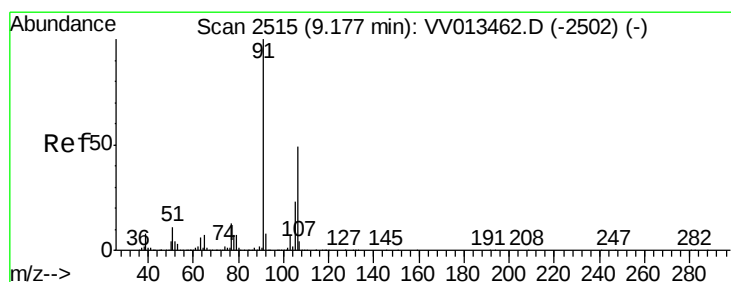
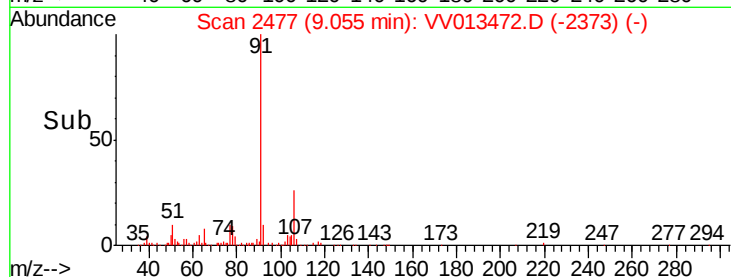
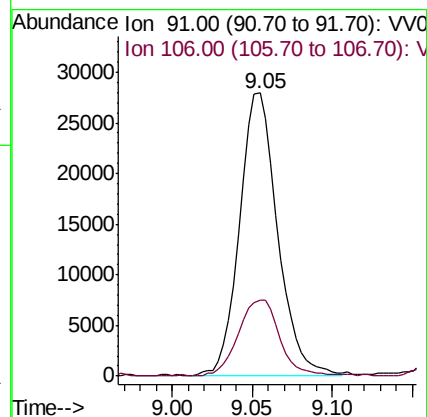
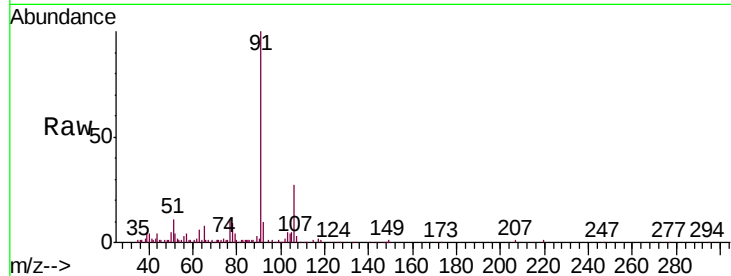
106 26.9 21.5 39.9

Manual Integrations

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#54

m,p-Xylene

Concen: 0.835 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013472.D

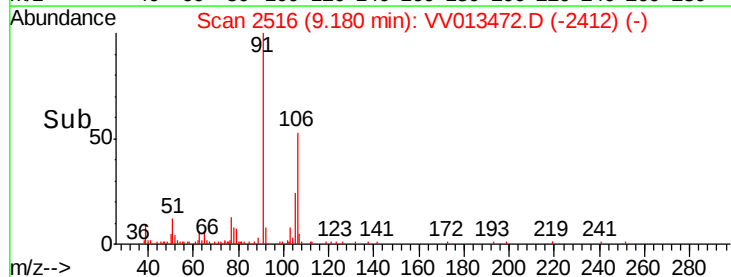
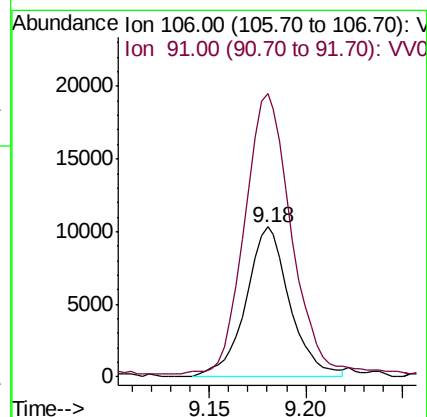
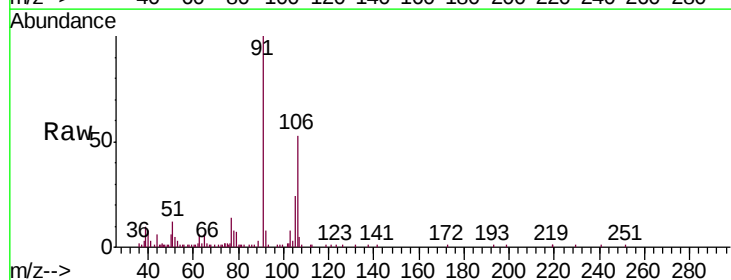
Acq: 01 Nov 2019 16:46

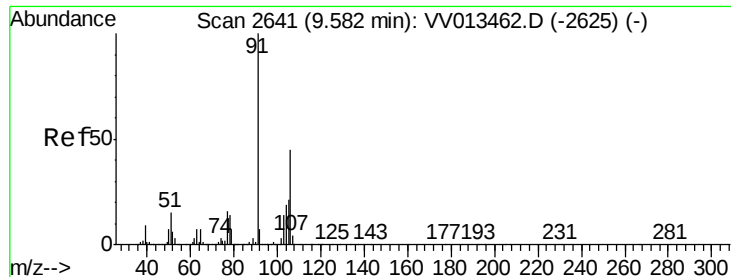
Tgt Ion: 106 Resp: 16319

Ion Ratio Lower Upper

106 100

91 188.8 141.7 263.1





#55

o-xylene

Concen: 0.788 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:106 Resp: 14563

Ion Ratio Lower Upper

106 100

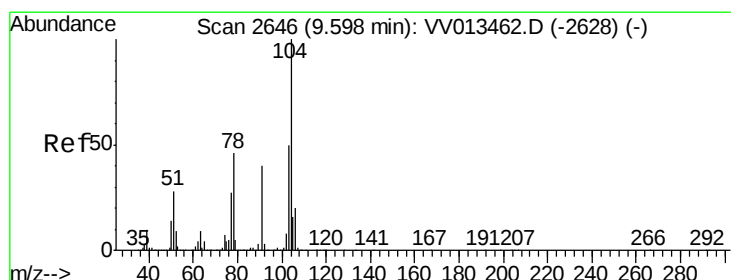
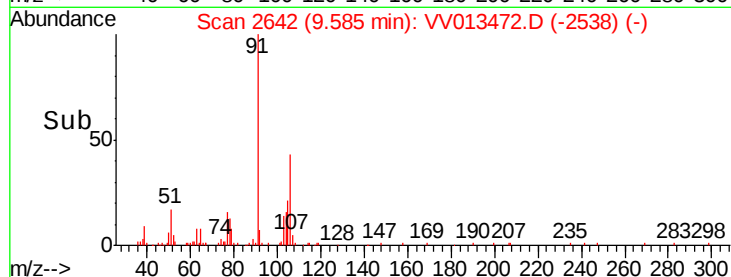
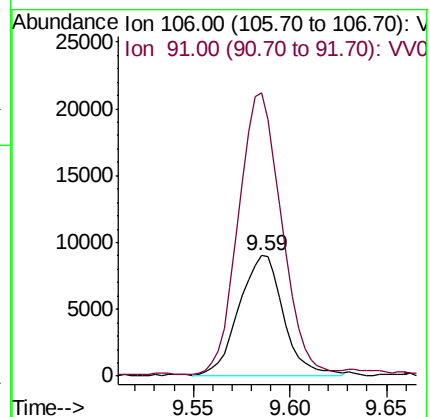
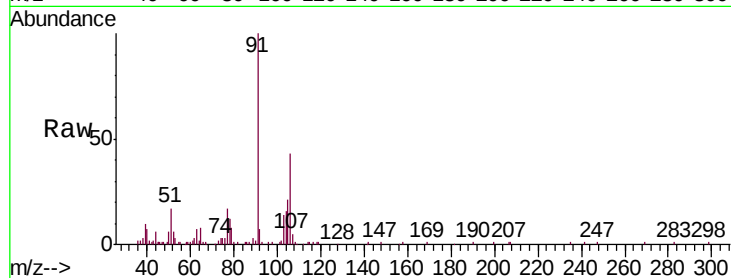
91 235.1 154.2 286.4

Manual Integrations

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#56

Styrene

Concen: 0.777 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV013472.D

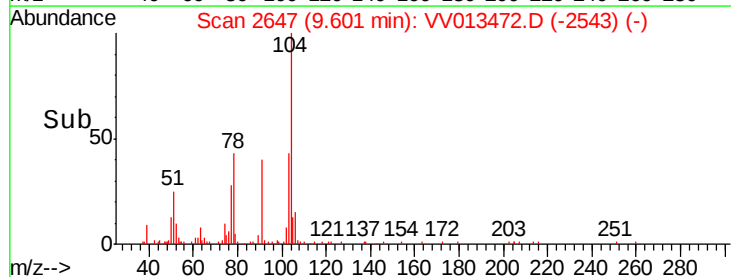
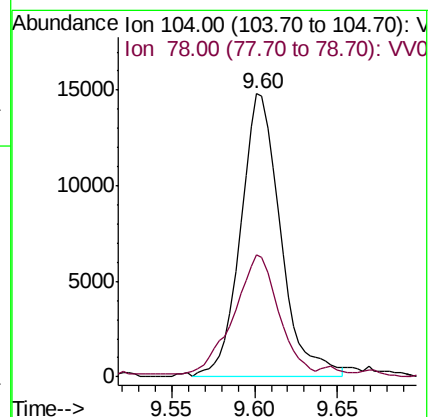
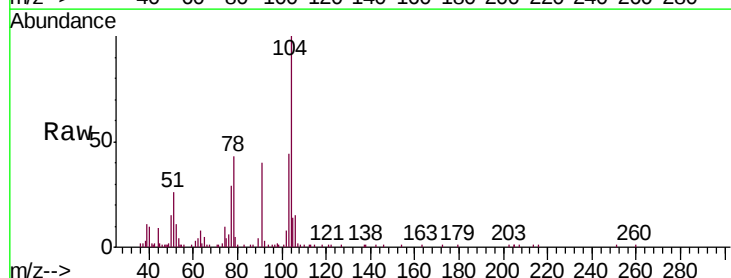
Acq: 01 Nov 2019 16:46

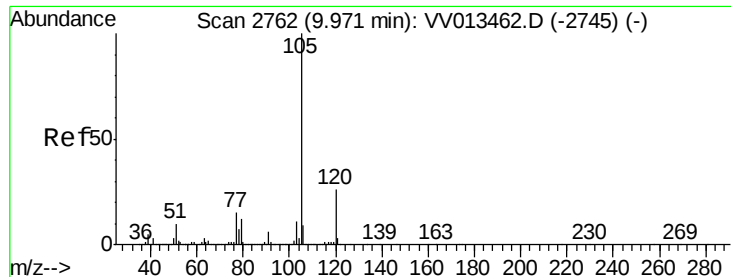
Tgt Ion:104 Resp: 24926

Ion Ratio Lower Upper

104 100

78 43.0 32.1 59.5





#57

Isopropylbenzene

Concen: 0.784 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013472.D

Acq: 01 Nov 2019 16:46

Instrument :

MSVOA_V

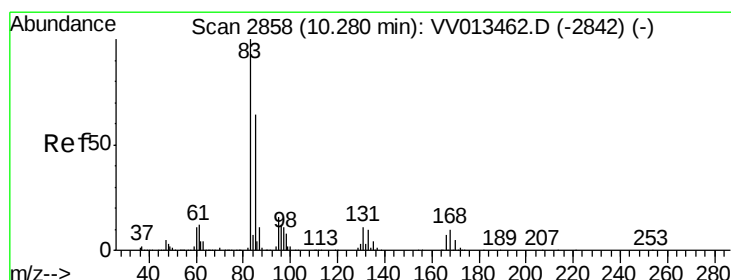
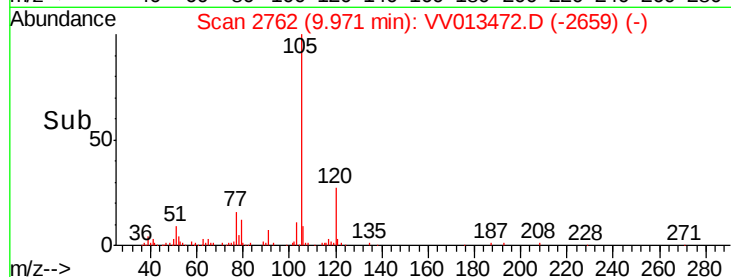
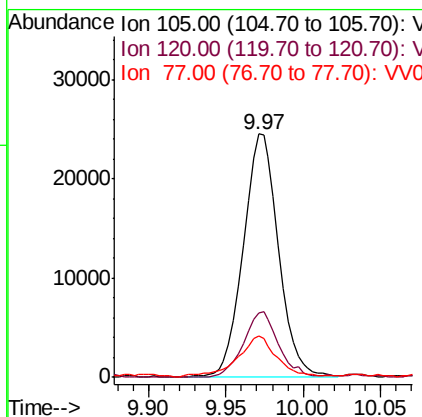
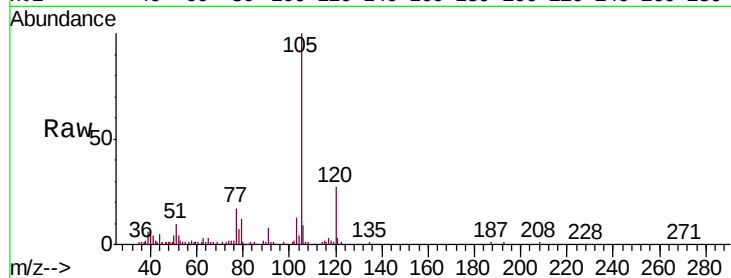
ClientSampleId :

MDL06

Tgt Ion:	105	Resp:	39098
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.1	31.7
77	19.2	12.3	18.5#

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#58

1,1,2,2-Tetrachloroethane

Concen: 1.082 ug/L

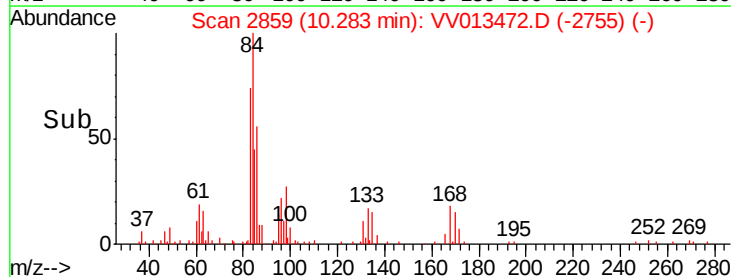
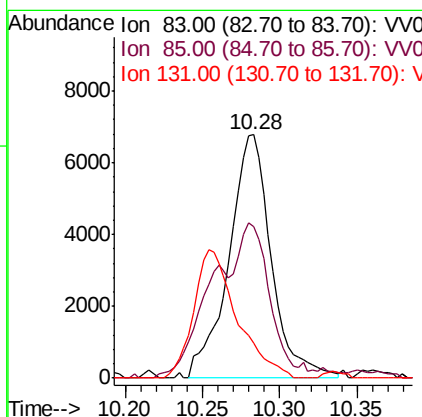
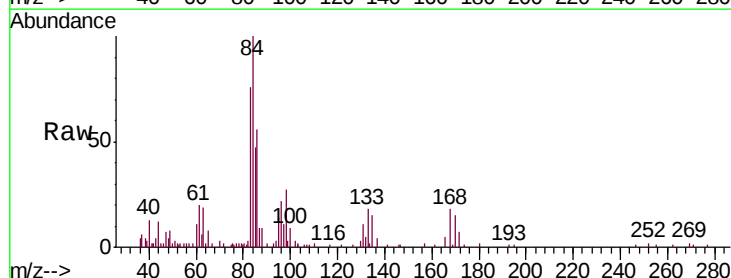
RT: 10.28 min Scan# 2859

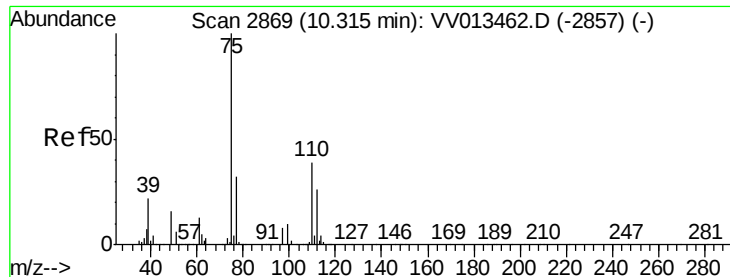
Delta R.T. 0.00 min

Lab File: VV013472.D

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Tgt Ion:	83	Resp:	12925
Ion Ratio	Lower	Upper	
83	100		
85	62.1	45.1	83.7
131	14.4	8.5	12.7#





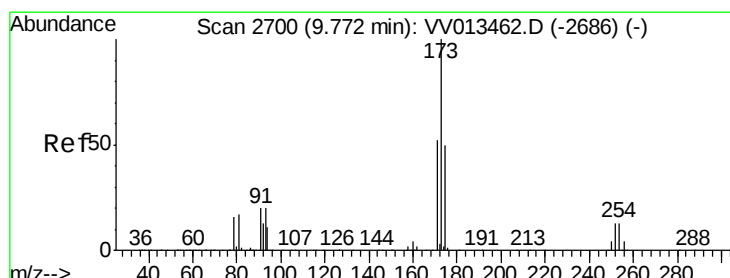
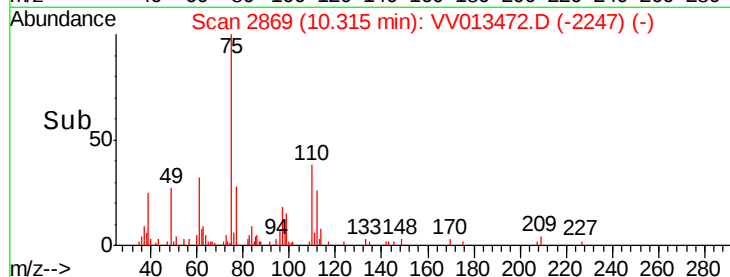
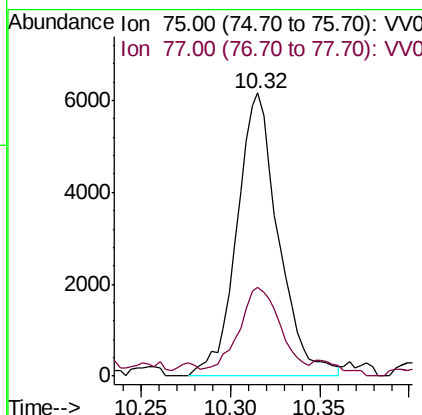
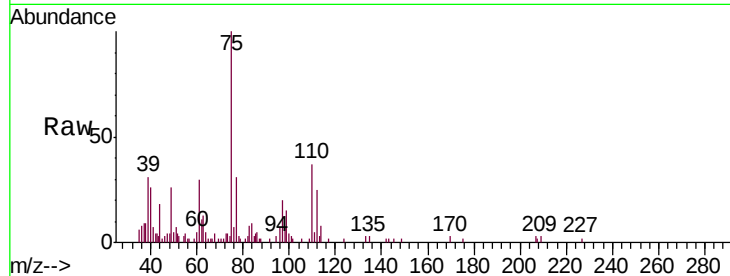
#59
 1,2,3-Trichloropropane
 Concen: 1.002 ug/L
 RT: 10.32 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion: 75 Resp: 10035
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.7 38.5

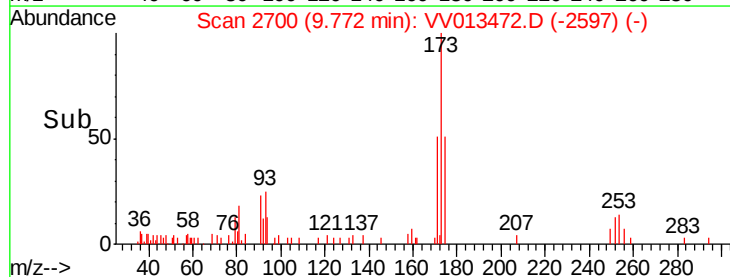
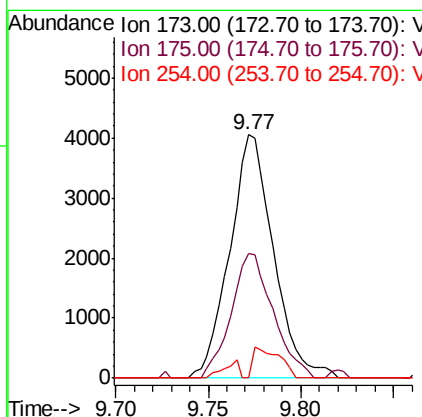
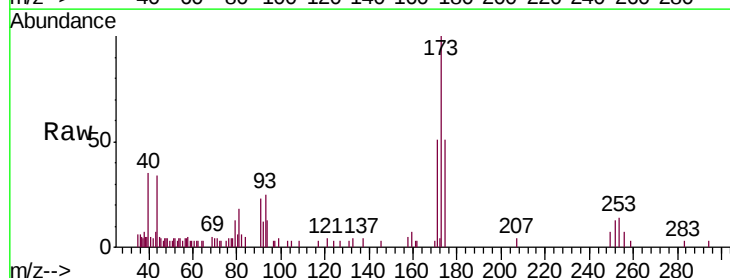
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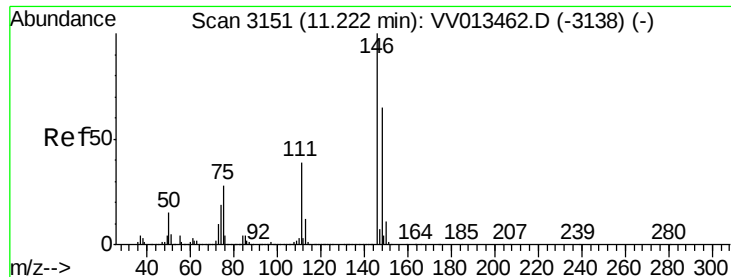
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#62
 Bromoform
 Concen: 0.915 ug/L
 RT: 9.77 min Scan# 2700
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Tgt Ion: 173 Resp: 6683
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.4 59.0
 254 5.2 10.1 15.1#





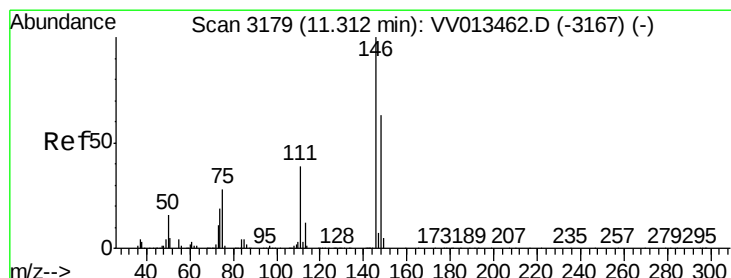
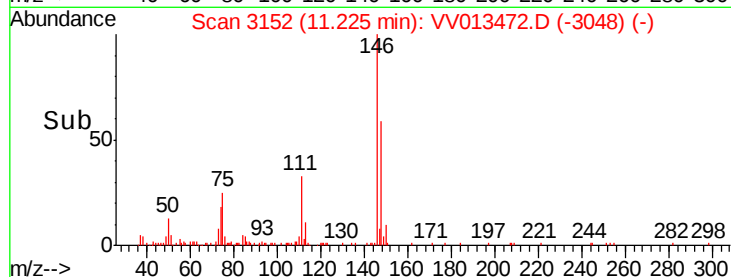
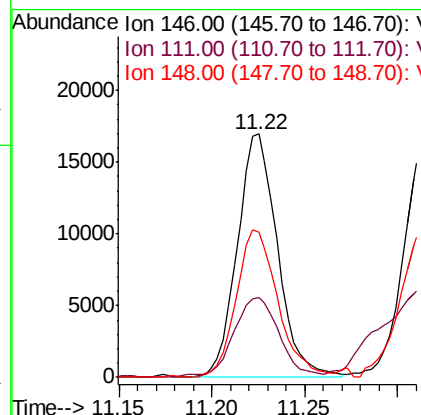
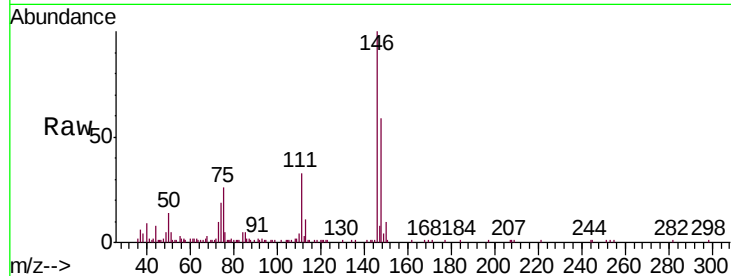
#63
 1,3-Dichlorobenzene
 Concen: 1.006 ug/L
 RT: 11.22 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.8	27.1	50.3
148	59.5	45.4	84.2

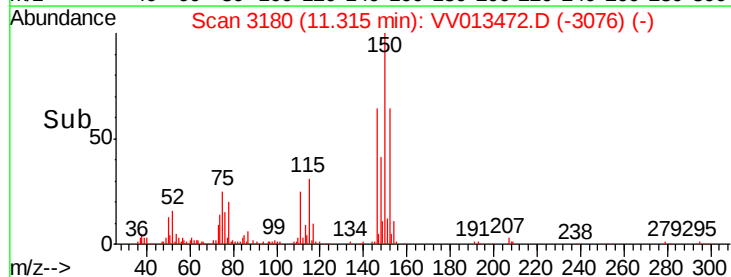
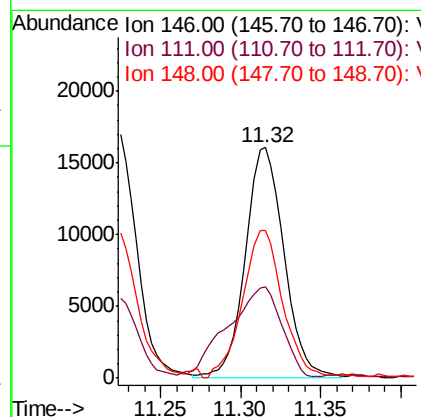
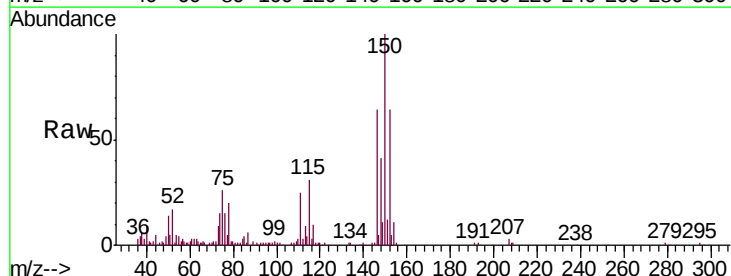
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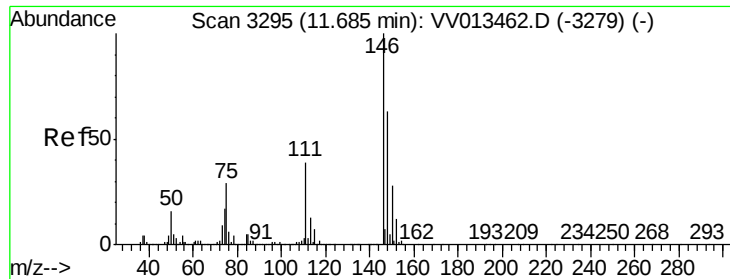
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#64
 1,4-Dichlorobenzene
 Concen: 1.023 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.2	50.6
148	64.1	44.4	82.5





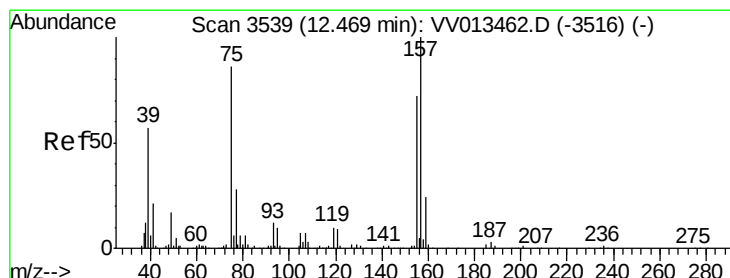
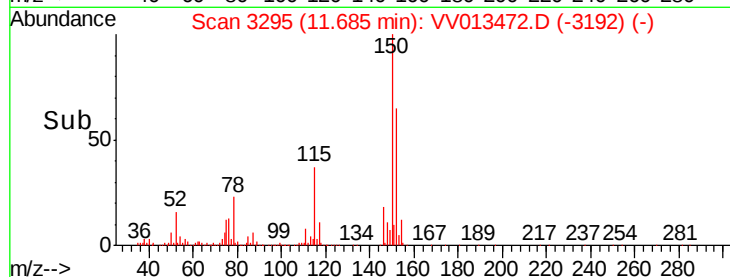
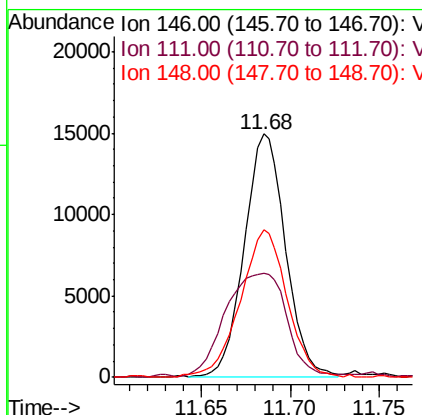
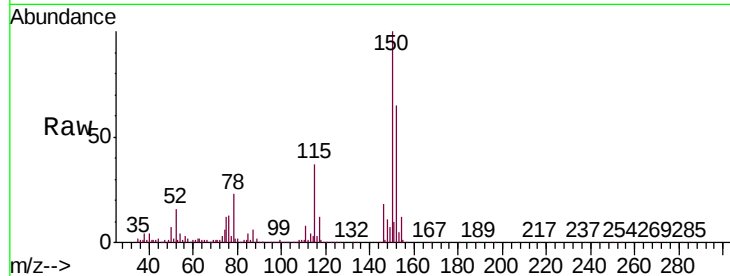
#65
1,2-Dichlorobenzene
Concen: 1.027 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	24273		
111	42.9	31.4	47.2	
148	60.4	50.5	75.7	

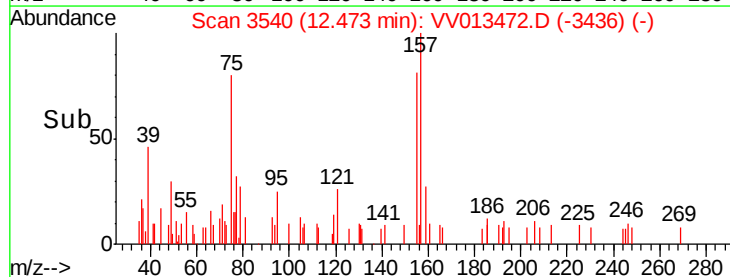
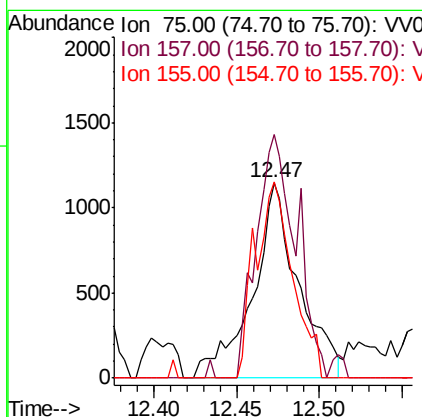
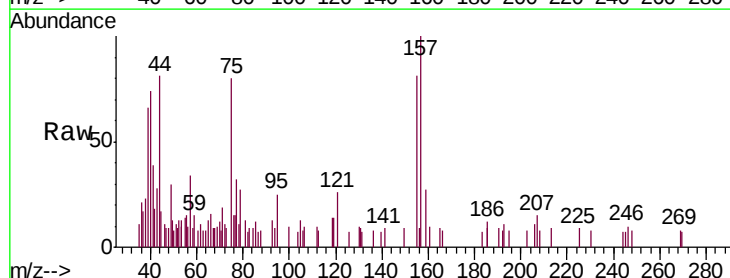
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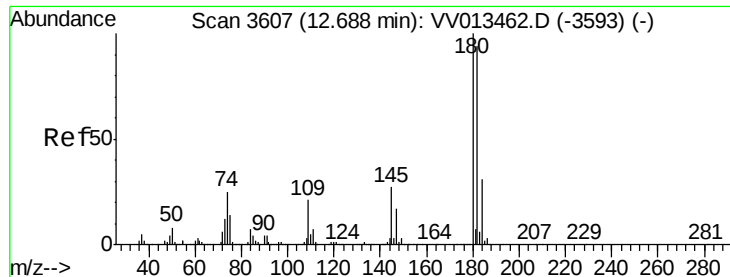
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#66
1,2-Dibromo-3-chloropropane
Concen: 1.016 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	2210		
157	124.9	93.2	139.8	
155	100.9	66.9	100.3#	





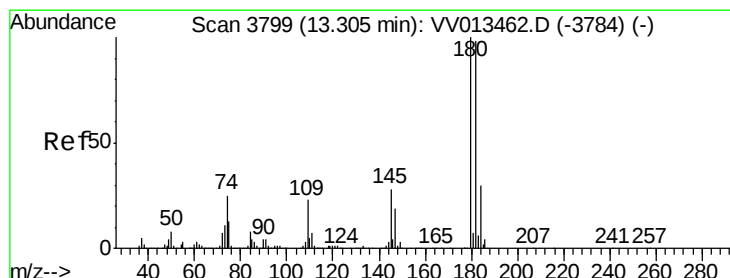
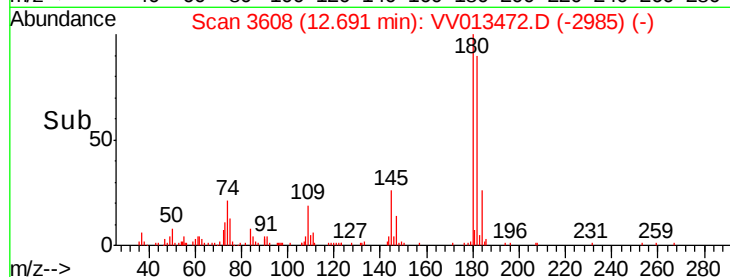
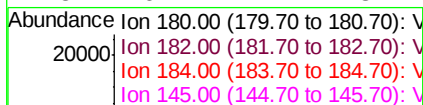
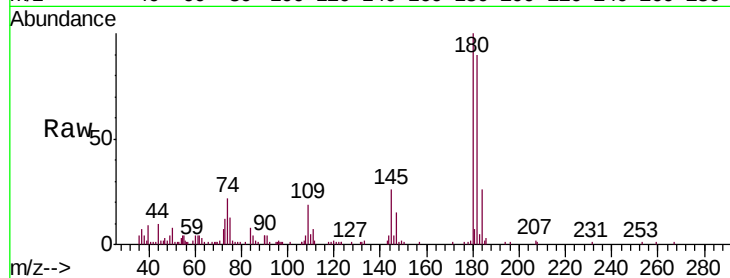
#67
 1,3,5-Trichlorobenzene
 Concen: 1.014 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	74.8	112.2
184	29.1	24.3	36.5
145	26.2	21.1	31.7

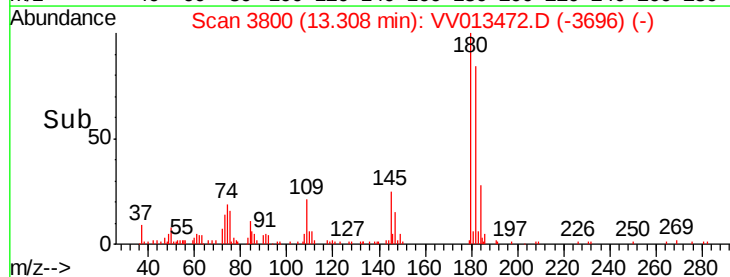
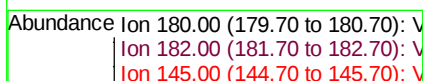
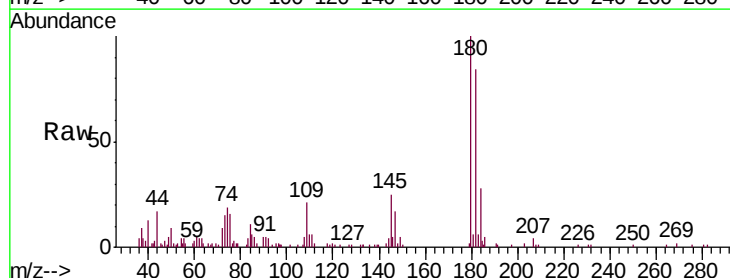
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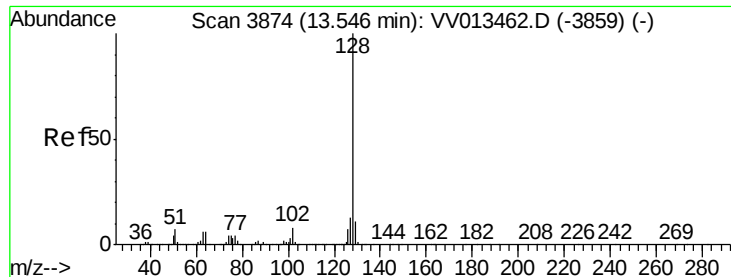
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#68
 1,2,4-trichlorobenzene
 Concen: 0.946 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013472.D
 Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	77.4	116.0
145	26.6	22.3	33.5





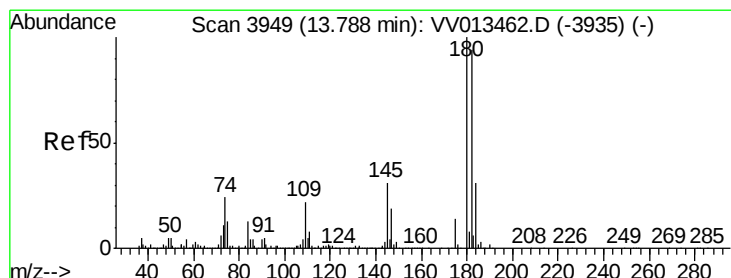
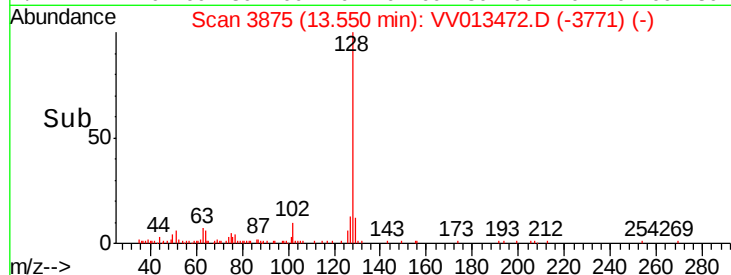
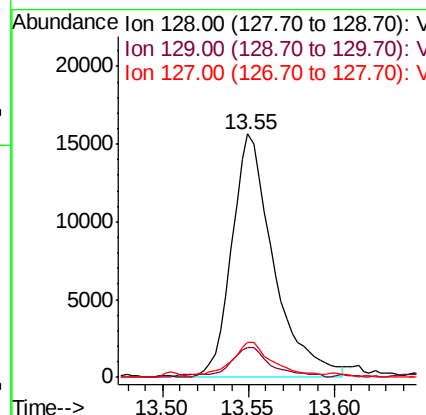
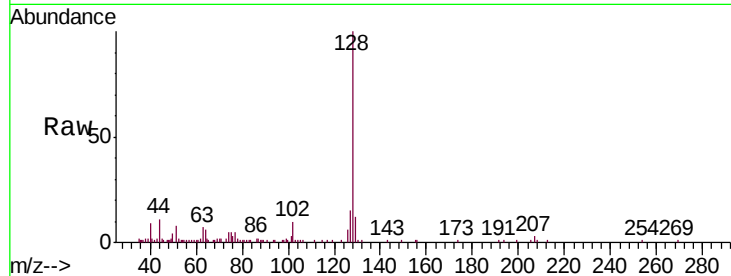
#69
Naphthalene
Concen: 0.796 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	26392		
129	11.9	8.6	13.0	
127	14.2	10.5	15.7	

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#70
1,2,3-Trichlorobenzene
Concen: 0.931 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013472.D
Acq: 01 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	14934		
182	93.0	75.2	112.8	
145	28.1	23.8	35.6	

