

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016475.D
 Acq On : 28 May 2020 11:21
 Operator : JC/SP
 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:41 AM

Quant Time: May 29 03:46:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	327322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196795	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.46	113	155694	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	615532	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	223244	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61968	19.238	ug/l	98
3) Chloromethane	1.31	50	76433	19.635	ug/l	99
4) Vinyl Chloride	1.39	62	79455	19.301	ug/l	98
5) Bromomethane	1.63	94	47328	23.645	ug/l	99
6) Chloroethane	1.72	64	47799	19.905	ug/l	98
7) Trichlorofluoromethane	1.92	101	102539	18.966	ug/l	99
8) Diethyl Ether	2.17	74	43283	19.200	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56097	18.853	ug/l	97
10) Methyl Iodide	2.49	142	56171	17.891	ug/l	99
11) Tert butyl alcohol	3.01	59	93511	89.710	ug/l	99
12) 1,1-Dichloroethene	2.36	96	60014	19.055	ug/l	95
13) Acrolein	2.27	56	41464	93.511	ug/l	97
14) Allyl chloride	2.71	41	113736	19.636	ug/l	100
15) Acrylonitrile	3.12	53	201825	94.521	ug/l	99
16) Acetone	2.42	43	165428	92.888	ug/l	99
17) Carbon Disulfide	2.55	76	178339	19.068	ug/l	99
18) Methyl Acetate	2.75	43	88184	19.306	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	219874	19.441	ug/l	100
20) Methylene Chloride	2.84	84	70730	19.196	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	67556	19.392	ug/l	96
22) Diisopropyl ether	3.82	45	221378	19.896	ug/l	99
23) Vinyl Acetate	3.79	43	969600	99.553	ug/l	100
24) 1,1-Dichloroethane	3.67	63	122155	19.451	ug/l	98
25) 2-Butanone	4.64	43	284182	94.171	ug/l	99
26) 2,2-Dichloropropane	4.56	77	107673	20.952	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	76986	19.102	ug/l	99
28) Bromochloromethane	4.98	49	61273	20.995	ug/l	98
29) Tetrahydrofuran	5.09	42	187439	96.143	ug/l	99
30) Chloroform	5.18	83	120676	19.070	ug/l	98
31) Cyclohexane	5.55	56	104630	18.519	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	108370	18.916	ug/l	99
36) 1,1-Dichloropropene	5.78	75	91744	18.706	ug/l	98
37) Ethyl Acetate	4.79	43	109356	18.572	ug/l	98
38) Carbon Tetrachloride	5.76	117	93793	18.198	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99754	18.726	ug/l	99
40) Benzene	6.12	78	280584	19.211	ug/l	99
41) Methacrylonitrile	5.00	41	59938	18.532	ug/l	99
42) 1,2-Dichloroethane	6.17	62	97690	18.808	ug/l	99
43) Isopropyl Acetate	6.42	43	174634	19.014	ug/l	99
44) Trichloroethene	7.19	130	87330	18.846	ug/l	100
45) 1,2-Dichloropropane	7.49	63	71575	19.250	ug/l	99
46) Dibromomethane	7.64	93	47114	18.865	ug/l	99
47) Bromodichloromethane	7.88	83	96249	18.613	ug/l	99
48) Methyl methacrylate	7.74	41	82503	18.761	ug/l	99
49) 1,4-Dioxane	7.71	88	35397	343.948	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	549872	96.151	ug/l	100
52) Toluene	8.77	92	178292	19.359	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	112339	19.105	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	119977	19.277	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	69390	18.949	ug/l	98
56) Ethyl methacrylate	9.16	69	115906	19.435	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120886	19.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	290367	93.279	ug/l	100
59) 2-Hexanone	9.48	43	421115	94.690	ug/l	100
60) Dibromochloromethane	9.57	129	75889	18.416	ug/l	100
61) 1,2-Dibromoethane	9.65	107	73783	18.816	ug/l	100
64) Tetrachloroethene	9.32	164	98790	18.578	ug/l	96
65) Chlorobenzene	10.12	112	184597	19.050	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	67752	18.316	ug/l	99
67) Ethyl Benzene	10.24	91	322239	18.678	ug/l	99
68) m/p-Xylenes	10.34	106	243251	38.027	ug/l	100
69) o-Xylene	10.68	106	116783	18.851	ug/l	98
70) Styrene	10.70	104	203822	19.141	ug/l	99
71) Bromoform	10.84	173	57563	18.413	ug/l #	99
73) Isopropylbenzene	11.00	105	306250	19.636	ug/l	100
74) N-amyl acetate	10.88	43	145949	20.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	75286	19.261	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	97763m	19.759	ug/l	
77) Bromobenzene	11.24	156	79857	19.522	ug/l	100
78) n-propylbenzene	11.34	91	337440	19.366	ug/l	100
79) 2-Chlorotoluene	11.40	91	208114	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	250068	19.203	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	39349	19.563	ug/l	99
82) 4-Chlorotoluene	11.49	91	243247	19.367	ug/l	100
83) tert-Butylbenzene	11.76	119	212287	19.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	250153	18.994	ug/l	100
85) sec-Butylbenzene	11.93	105	270604	19.386	ug/l	99
86) p-Isopropyltoluene	12.05	119	253868	19.415	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134478	18.976	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	137927	19.029	ug/l	98
89) n-Butylbenzene	12.37	91	213404	19.594	ug/l	100
90) Hexachloroethane	12.58	117	42730	18.919	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	131850	19.203	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23695	18.715	ug/l	97

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ClientSampleId :
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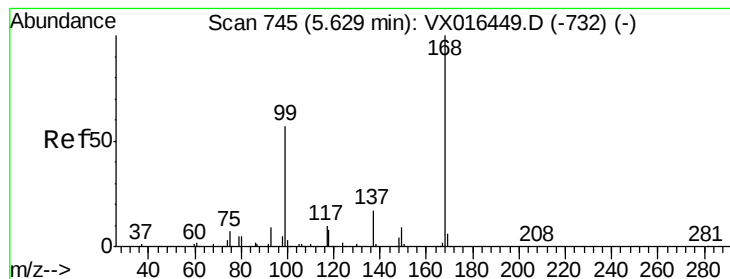
Manual Integrations
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MMDadoda
5/29/2020 10:57:41 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88141	19.329	ug/l	100
94) Hexachlorobutadiene	13.77	225	35472	19.813	ug/l	98
95) Naphthalene	13.82	128	308381	19.727	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	88306	19.767	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion:168 Resp: 327322

Ion Ratio Lower Upper

168 100

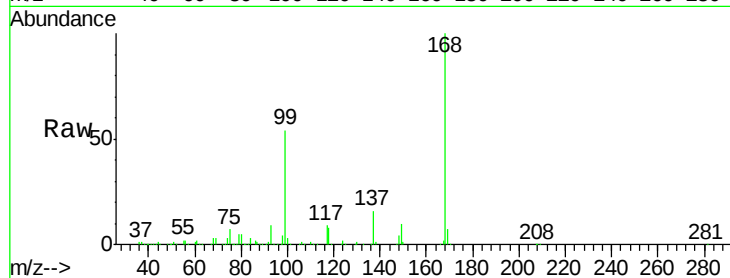
99 54.1 45.2 67.8

Manual Integrations

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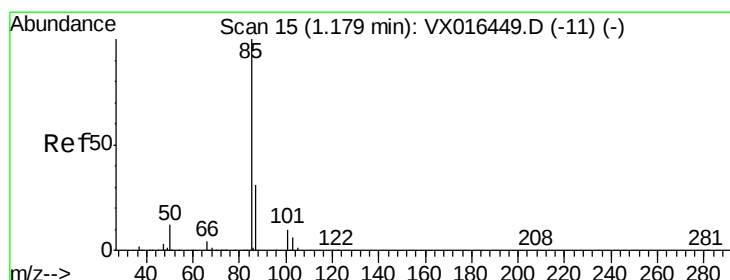
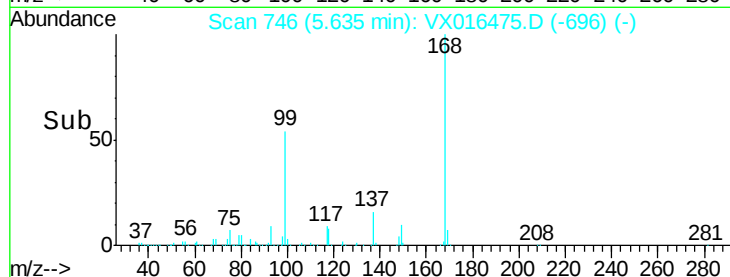
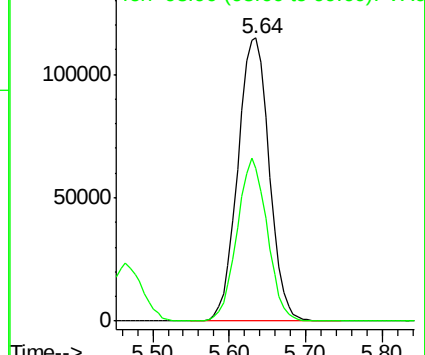
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.238 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016475.D

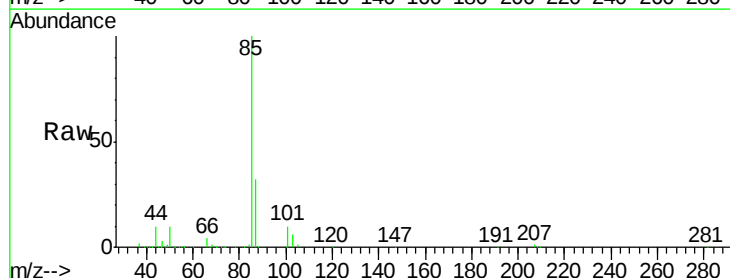
Acq: 28 May 2020 11:21

Tgt Ion: 85 Resp: 61968

Ion Ratio Lower Upper

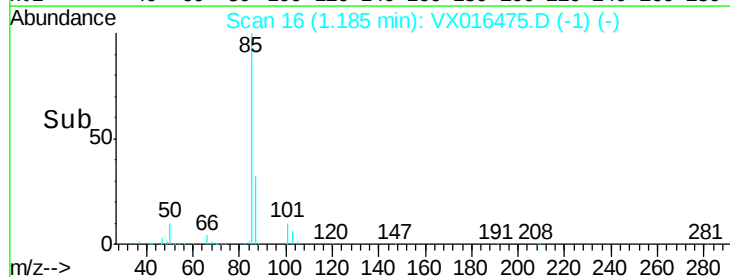
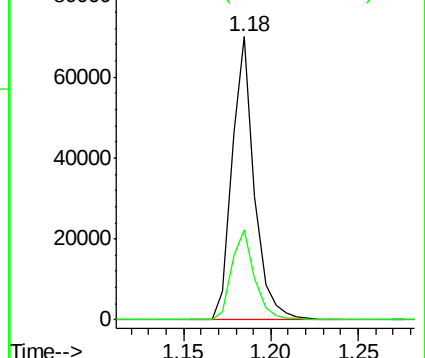
85 100

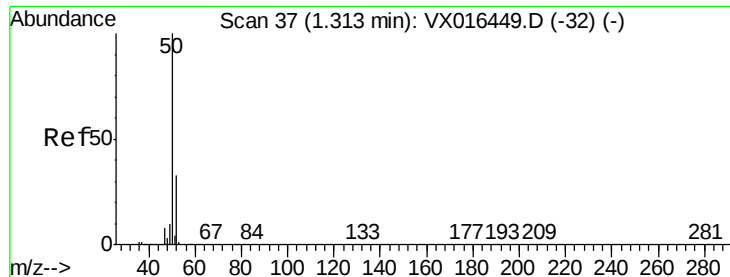
87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.635 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 50 Resp: 76433

Ion Ratio Lower Upper

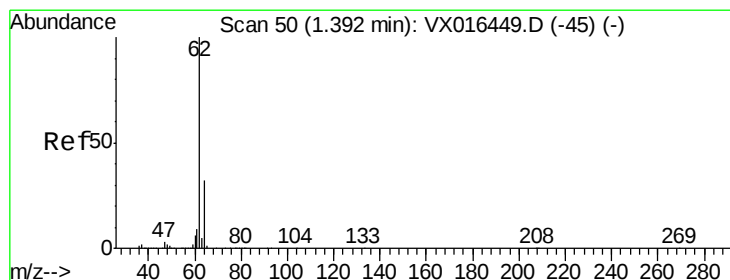
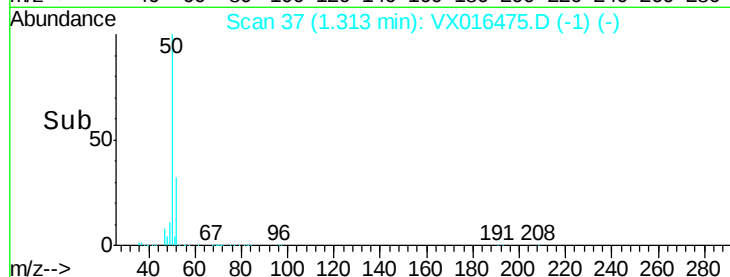
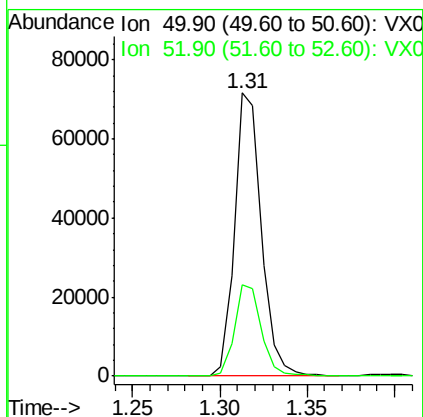
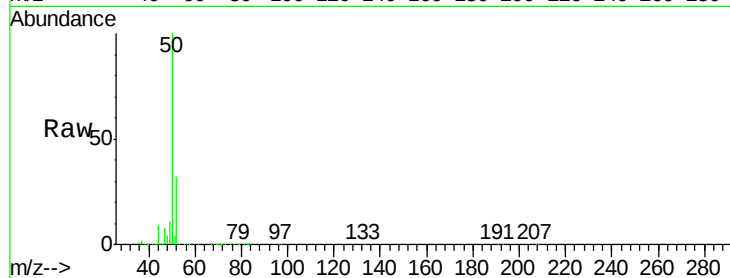
50 100

52 32.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 19.301 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016475.D

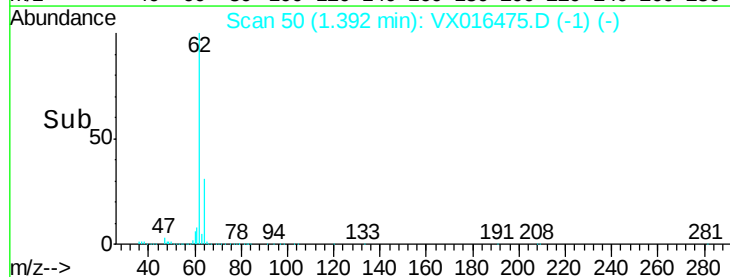
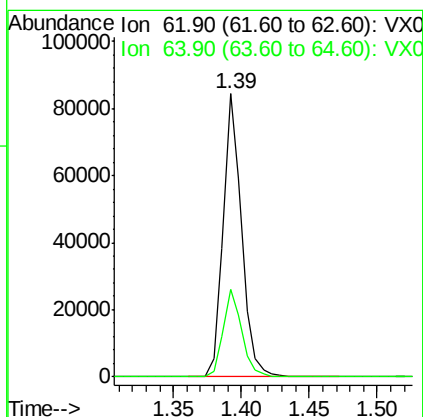
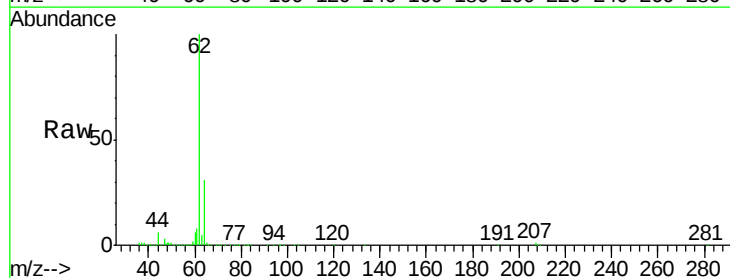
Acq: 28 May 2020 11:21

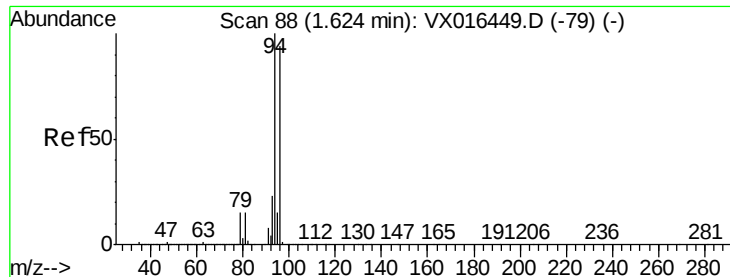
Tgt Ion: 62 Resp: 79455

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 23.645 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 94 Resp: 47328

Ion Ratio Lower Upper

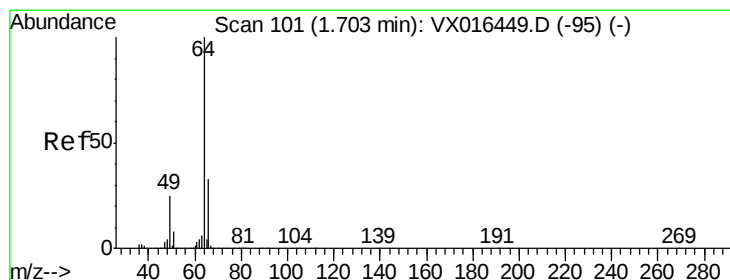
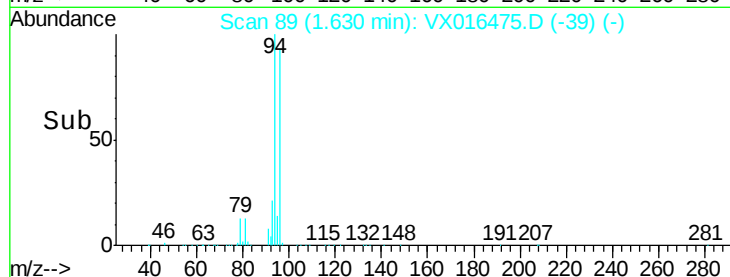
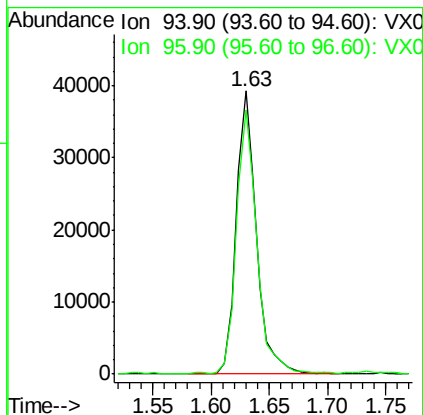
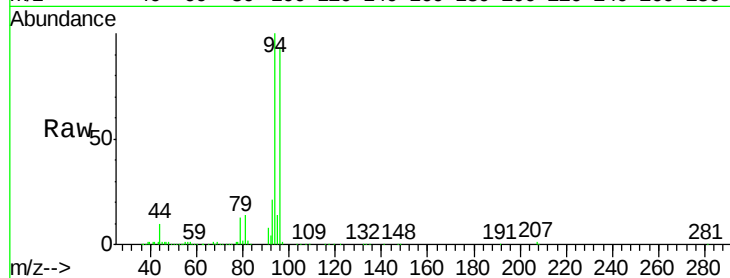
94 100

96 93.4 75.1 112.7

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#6

Chloroethane

Concen: 19.905 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016475.D

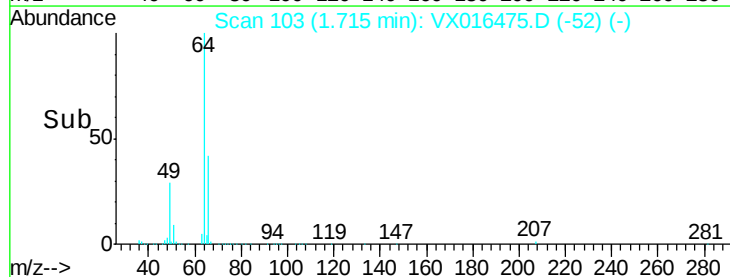
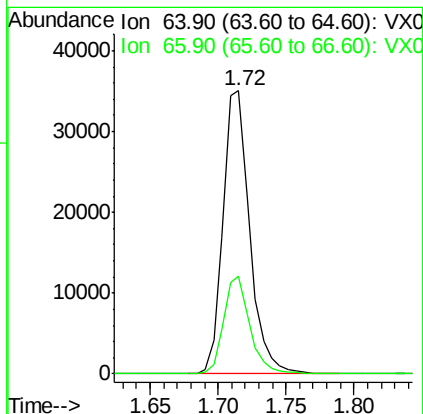
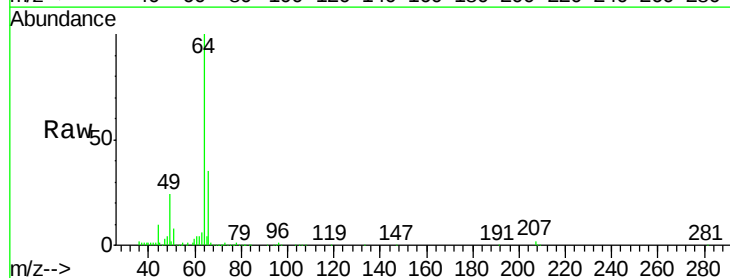
Acq: 28 May 2020 11:21

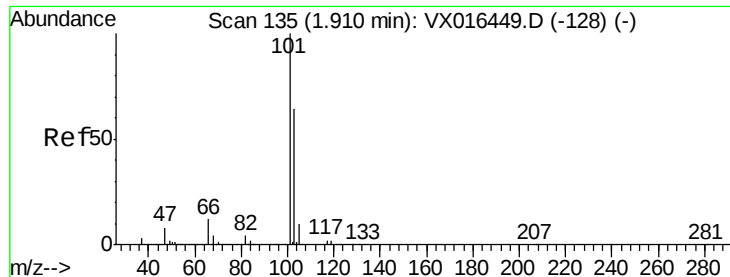
Tgt Ion: 64 Resp: 47799

Ion Ratio Lower Upper

64 100

66 34.5 26.7 40.1





#7

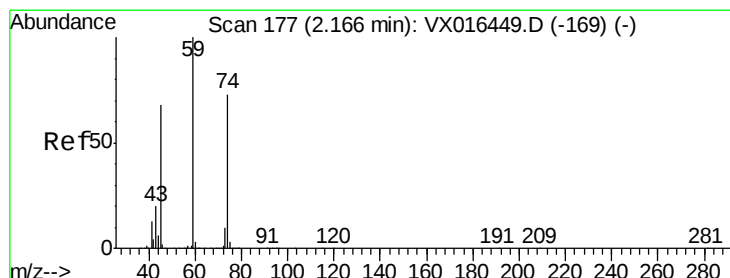
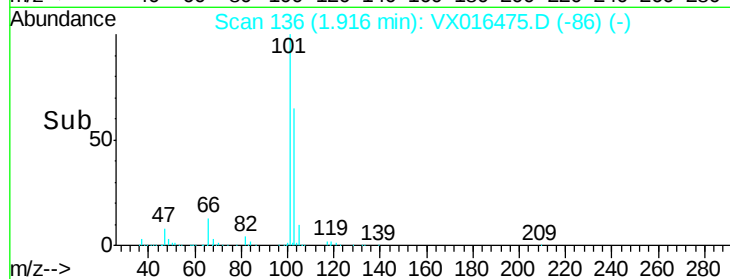
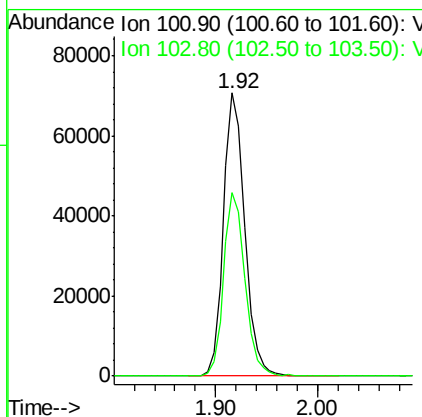
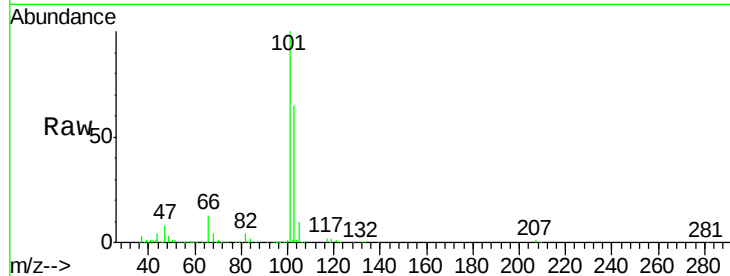
Trichlorofluoromethane
Concen: 18.966 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

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ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.9	76.3

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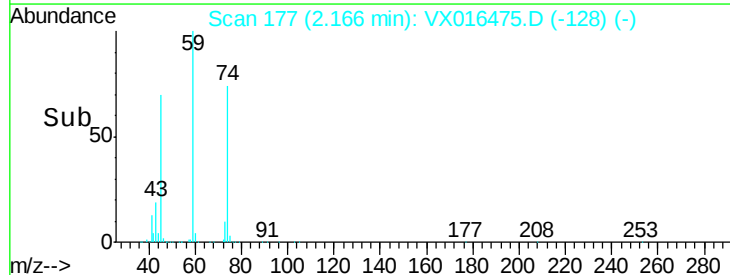
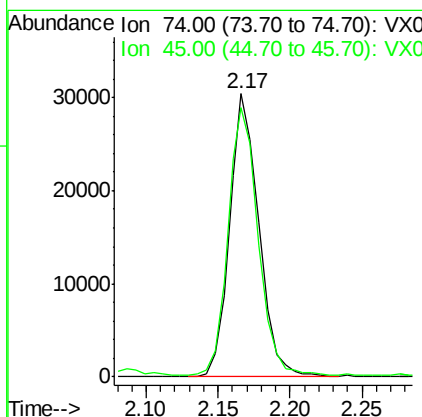
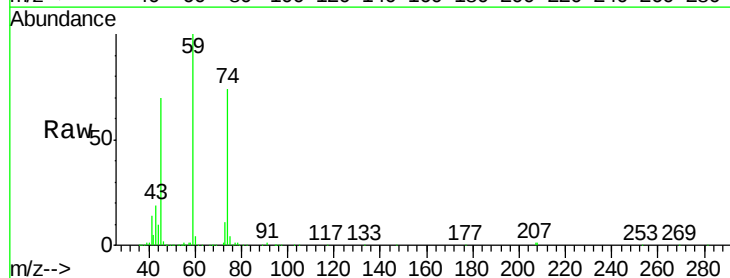
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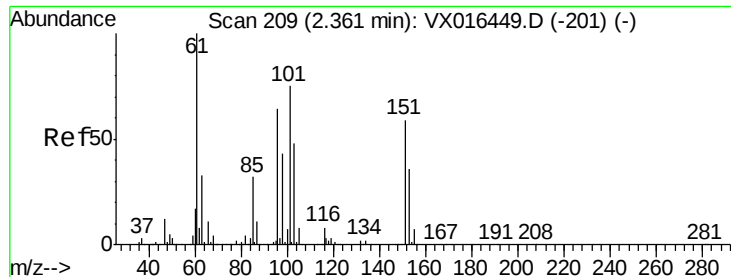


#8

Diethyl Ether
Concen: 19.200 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.853 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

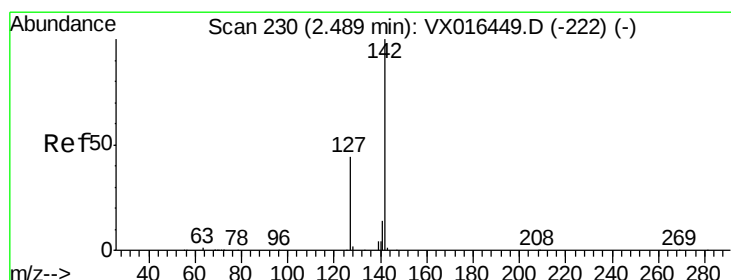
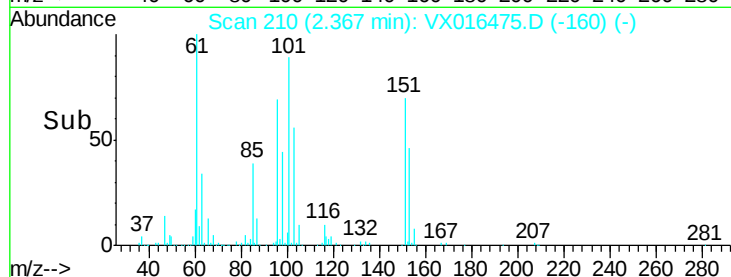
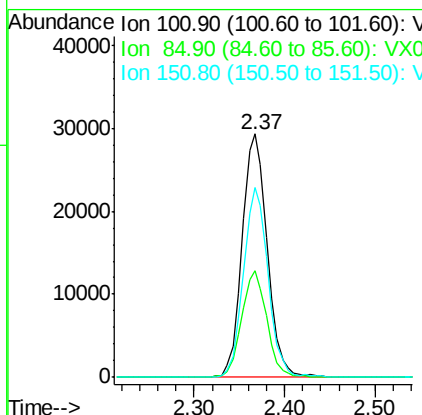
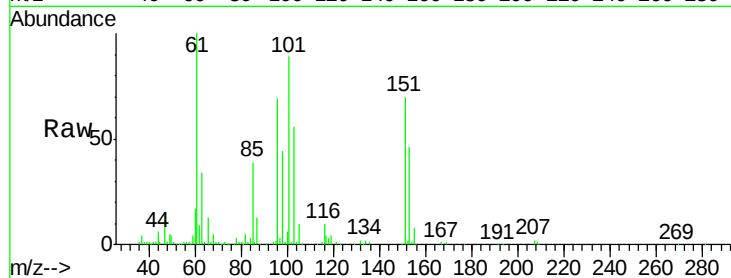
ClientSampleId :

VX0528WBS01

Tot Ion:	101	Resp:	56097
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.4	51.6
151	77.0	63.8	95.6

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#10

Methyl Iodide

Concen: 17.891 ug/l

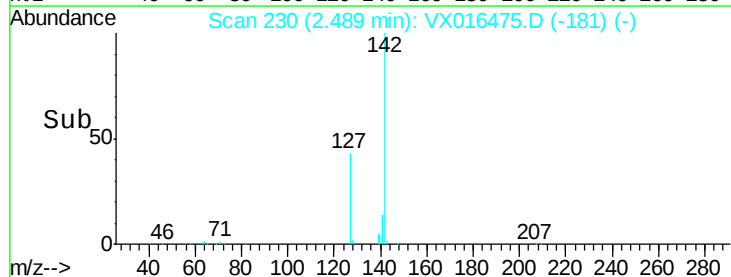
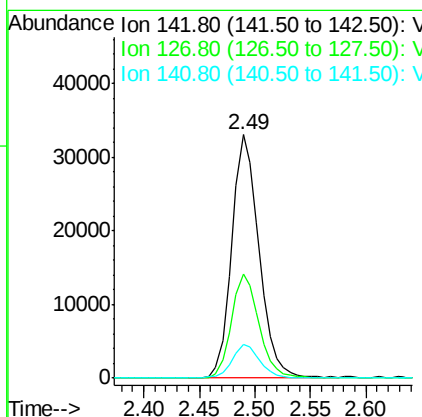
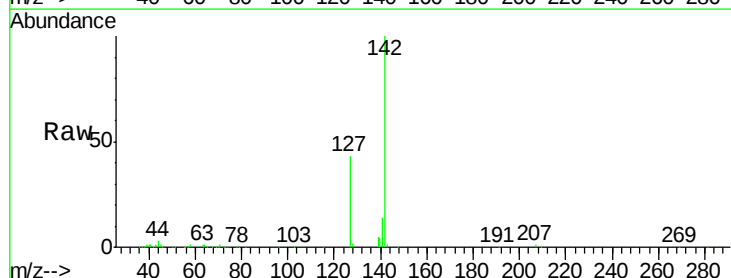
RT: 2.49 min Scan# 230

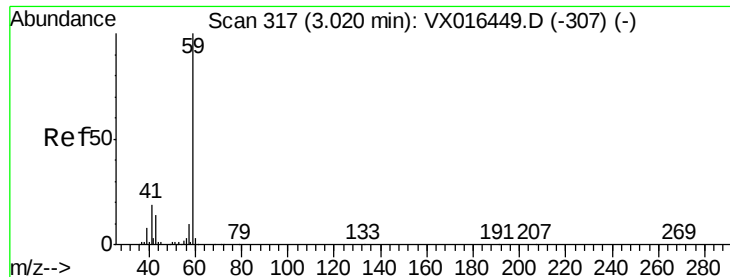
Delta R.T. 0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	142	Resp:	56171
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.3	52.9
141	14.1	11.4	17.2





#11

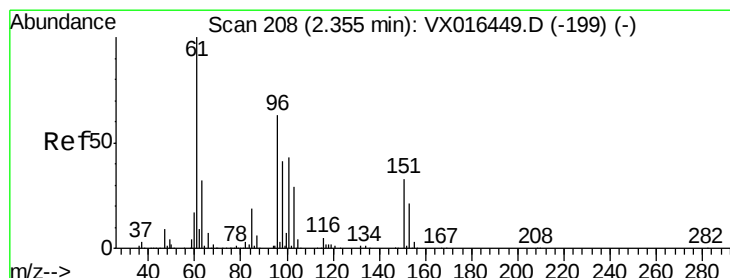
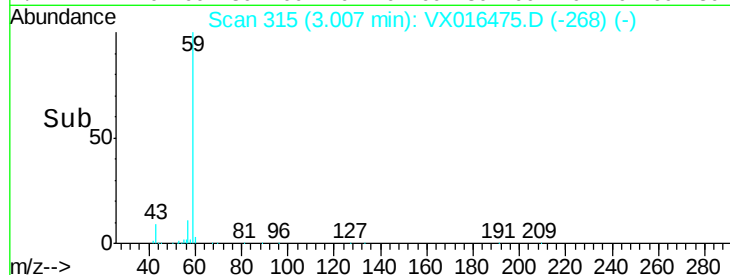
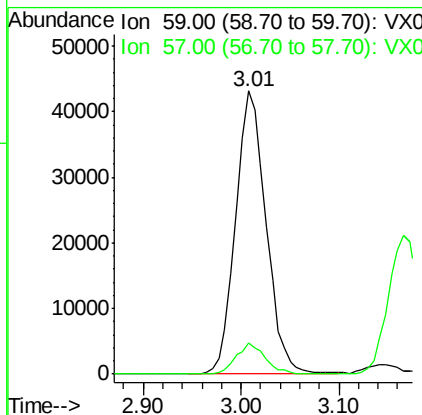
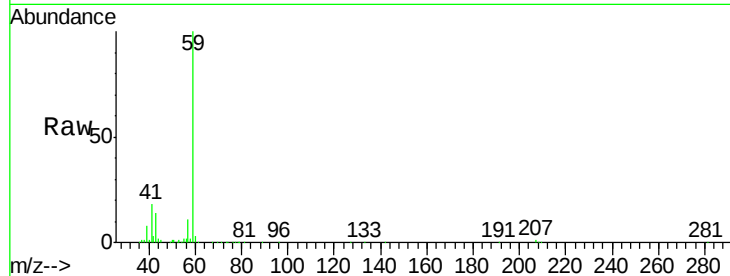
Tert butyl alcohol
Concen: 89.710 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.5	8.2	12.4	

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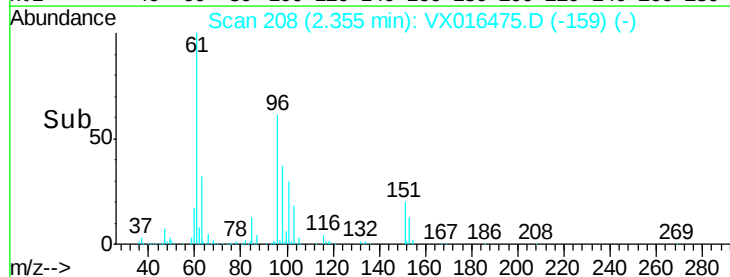
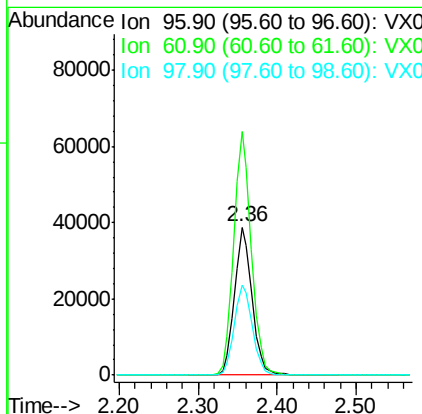
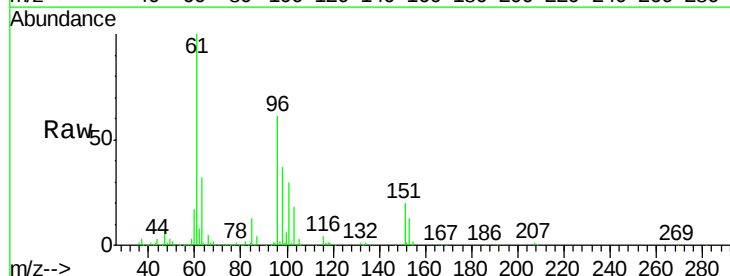
MMDadoda
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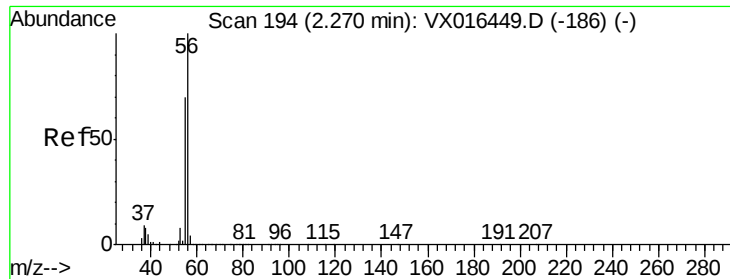


#12

1,1-Dichloroethene
Concen: 19.055 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	165.1	126.6	189.8	
98	98	61.4	51.3	76.9	





#13

Acrolein

Concen: 93.511 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 56 Resp: 41464

Ion Ratio Lower Upper

56 100

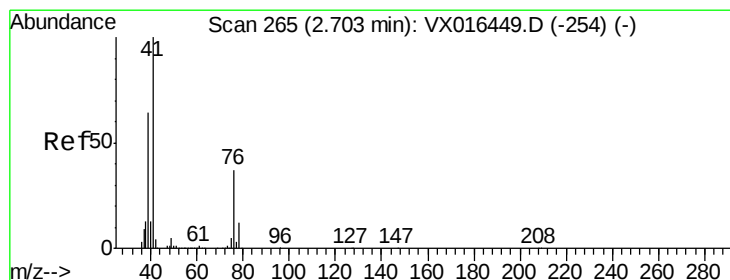
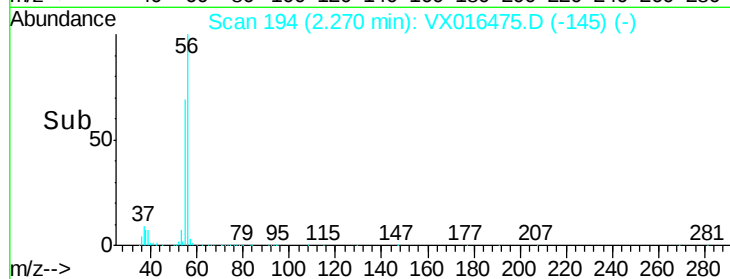
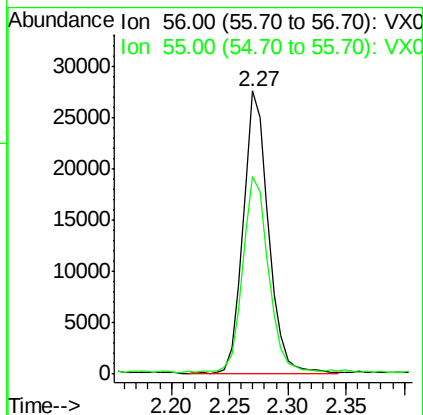
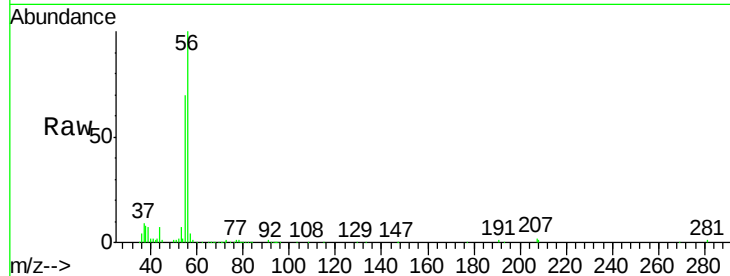
55 70.0 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 19.636 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

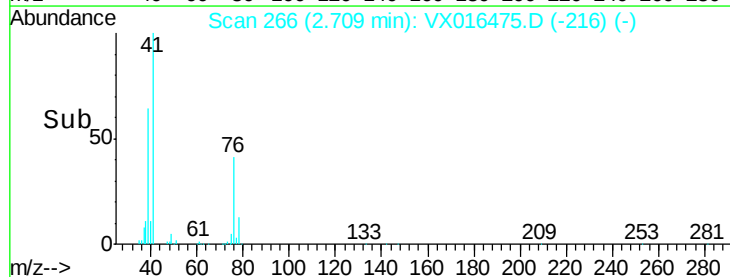
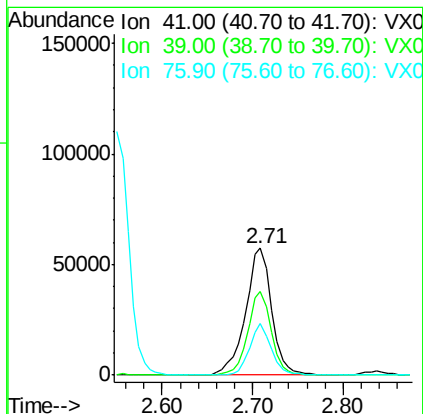
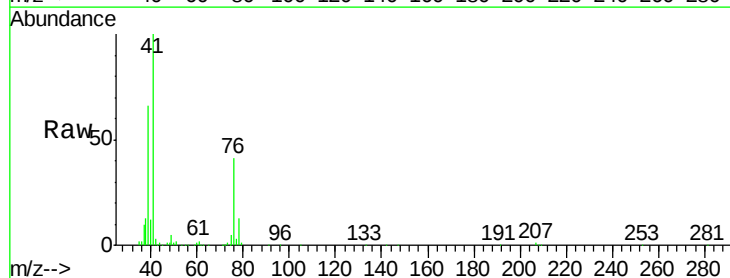
Tgt Ion: 41 Resp: 113736

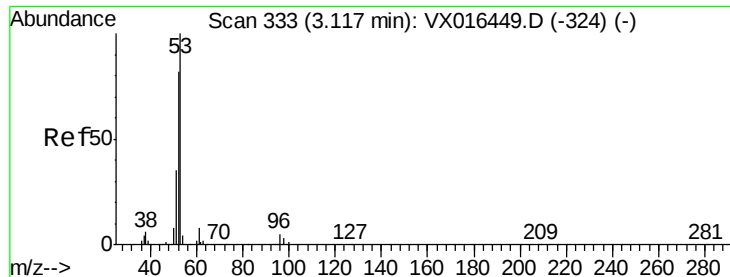
Ion Ratio Lower Upper

41 100

39 59.6 47.7 71.5

76 34.0 26.6 40.0





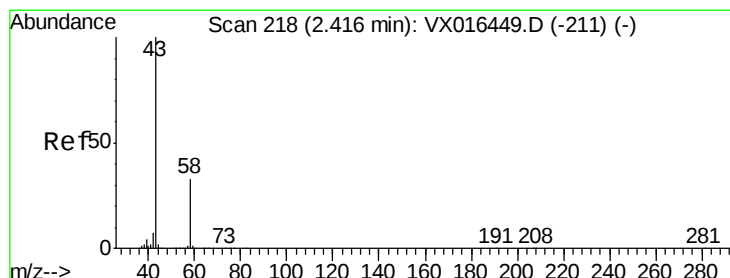
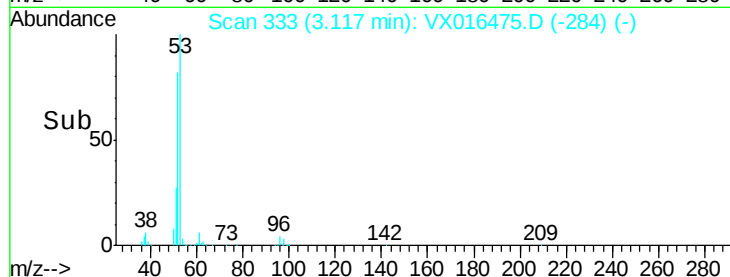
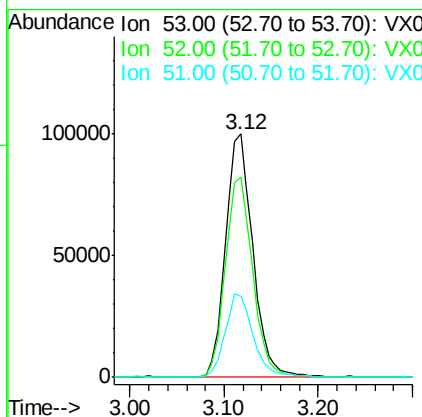
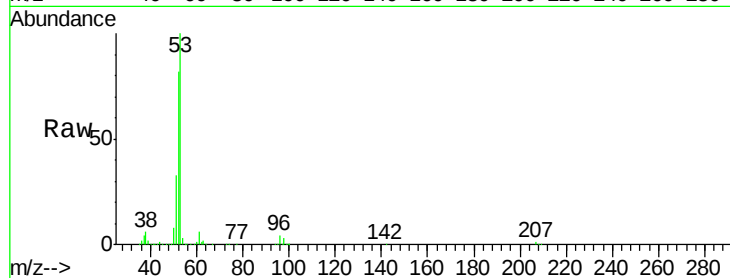
#15
 Acrylonitrile
 Concen: 94.521 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion:	53	Resp:	201825
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.7	100.1
51	35.1	28.6	43.0

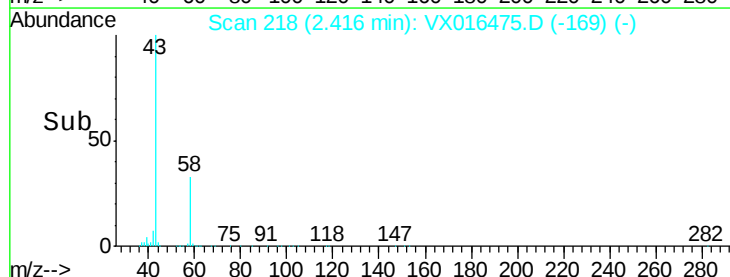
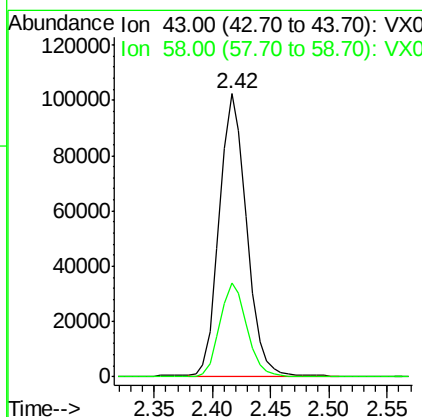
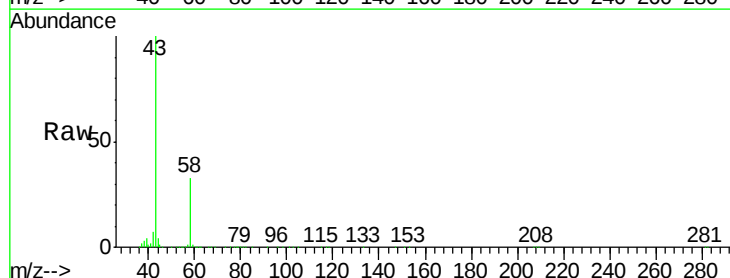
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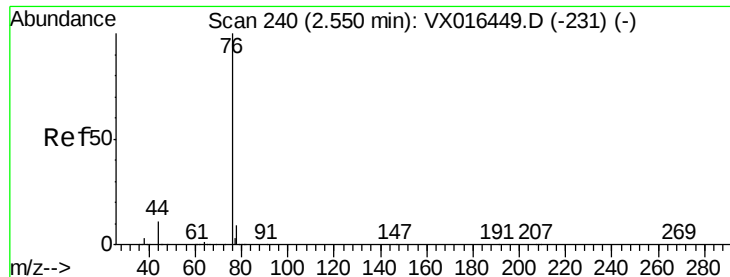
MMDadoda
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#16
 Acetone
 Concen: 92.888 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion:	43	Resp:	165428
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.1	39.1





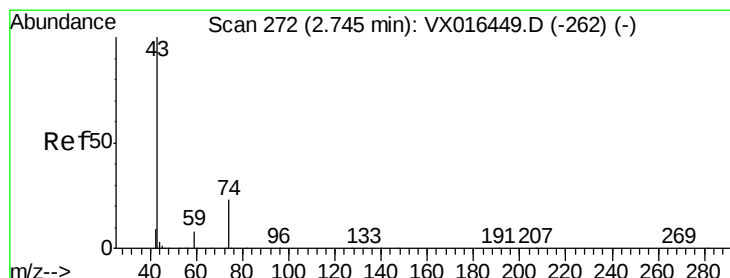
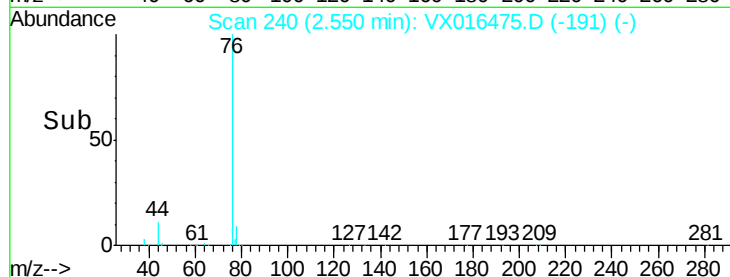
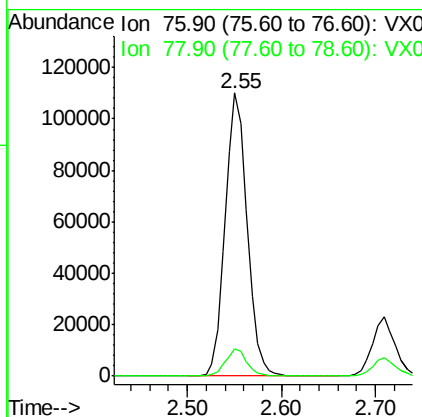
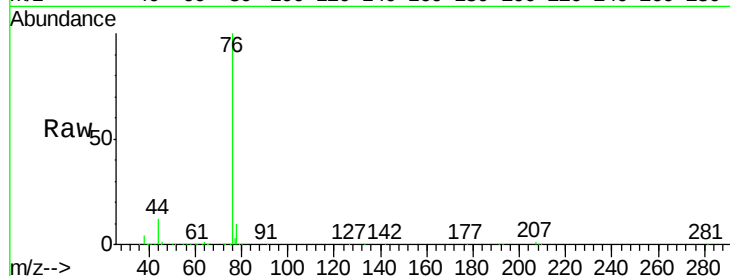
#17
Carbon Disulfide
Concen: 19.068 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

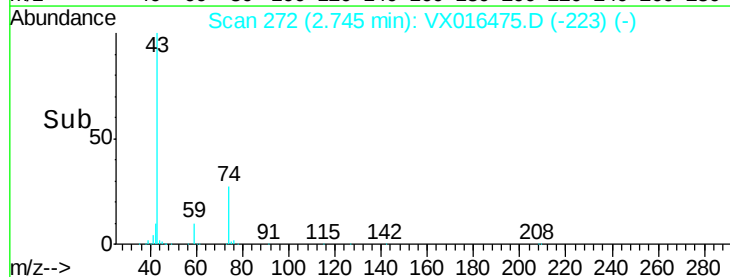
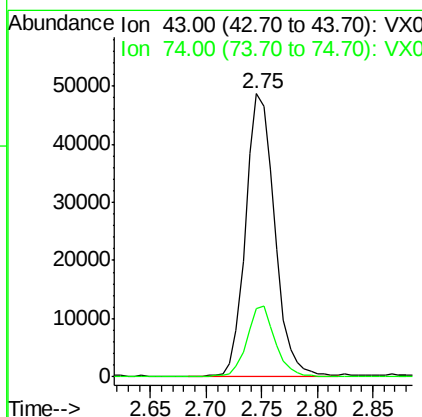
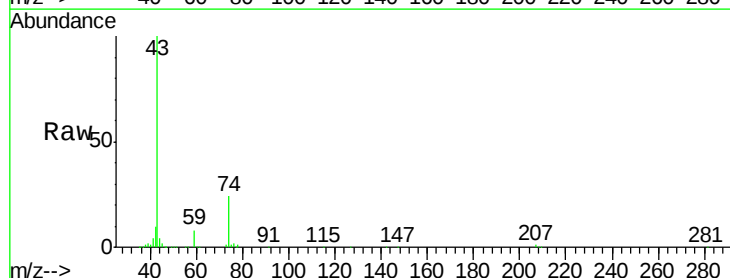
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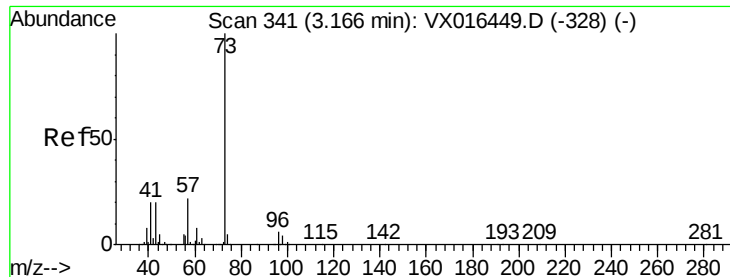
MMDadoda
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#18
Methyl Acetate
Concen: 19.306 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.7	29.5





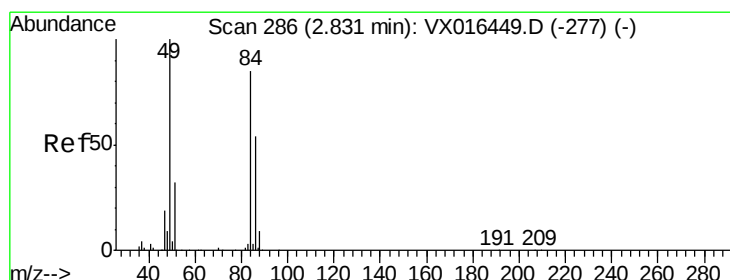
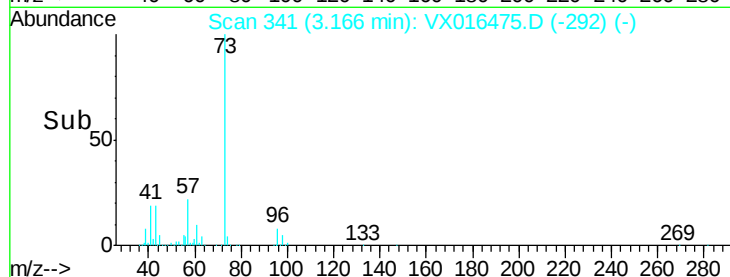
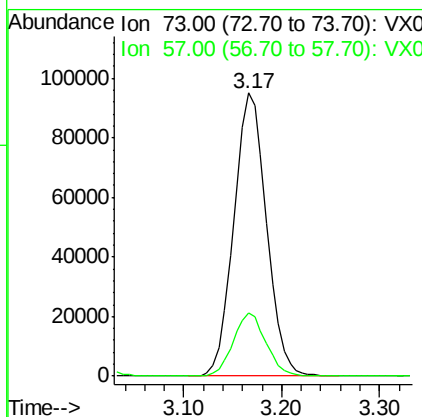
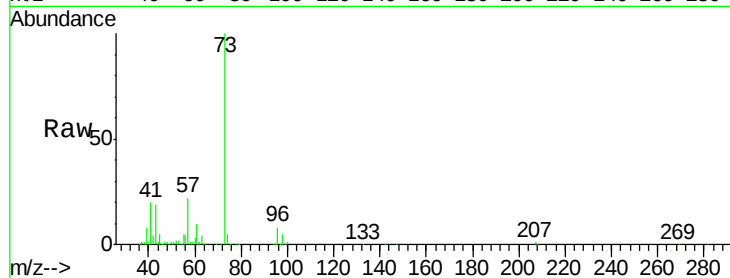
#19
Methyl tert-butyl Ether
Concen: 19.441 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.6

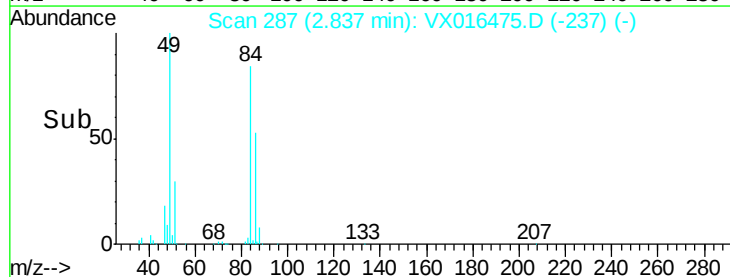
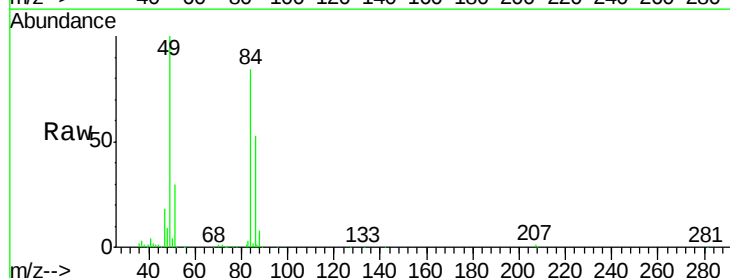
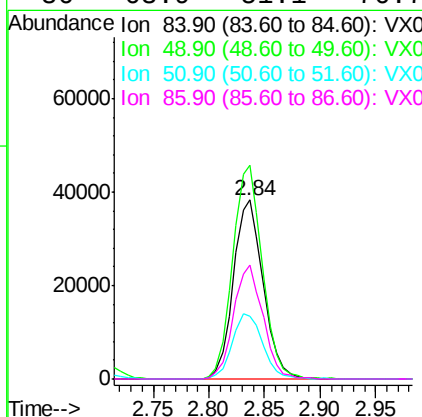
Manual Integrations
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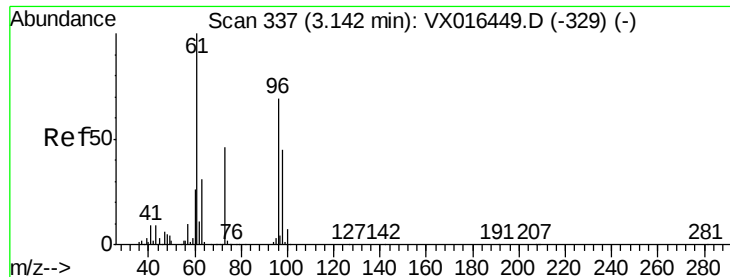
MMDadoda
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#20
Methylene Chloride
Concen: 19.196 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	94.5	141.7
51	35.3	30.2	45.4
86	63.9	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 19.392 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

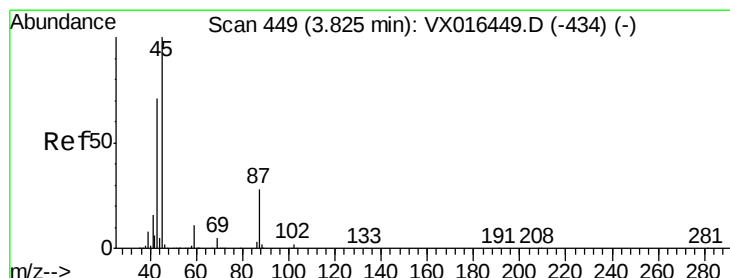
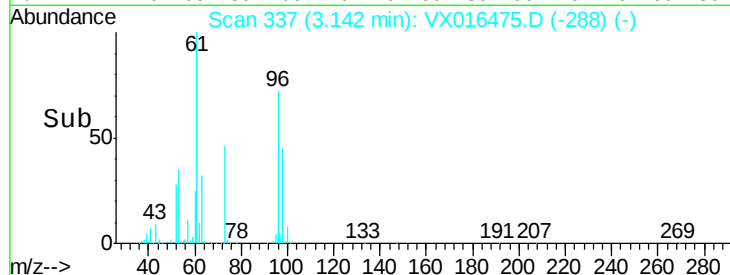
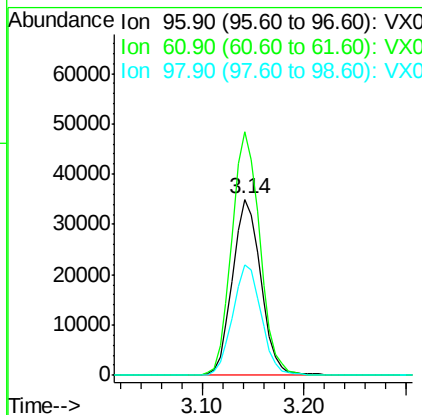
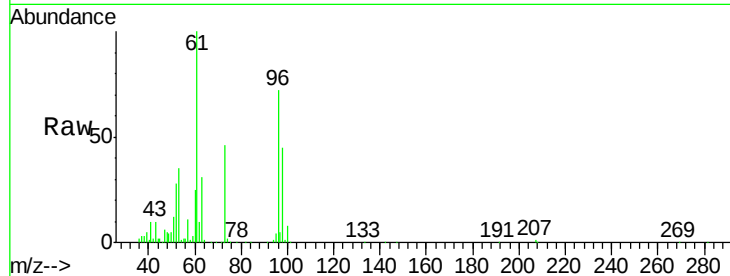
ClientSampleId :

VX0528WBS01

Tot Ion:	96	Resp:	67556
Ion	Ratio	Lower	Upper
96	100		
61	138.5	115.3	172.9
98	62.8	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.896 ug/l

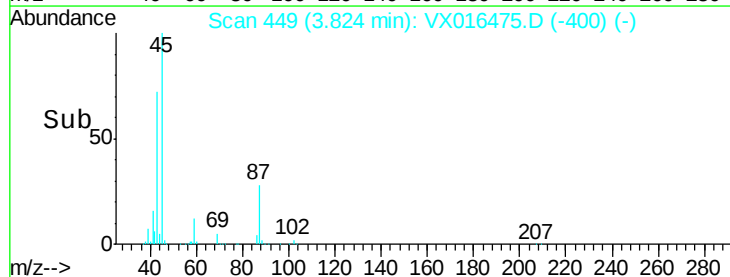
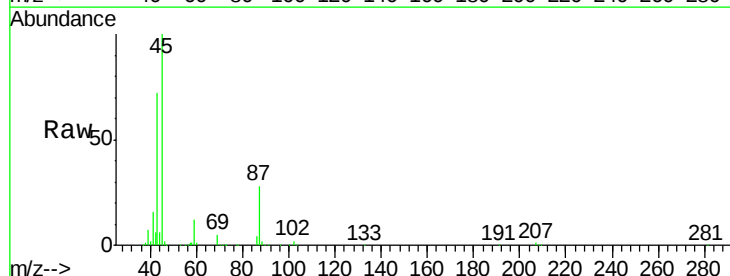
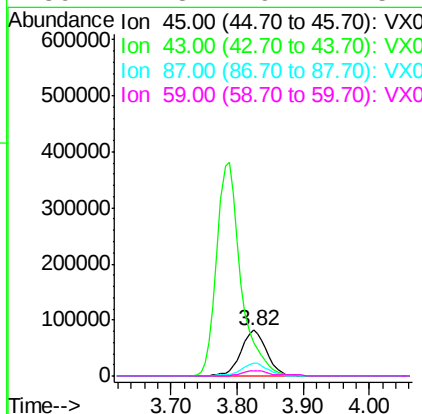
RT: 3.82 min Scan# 449

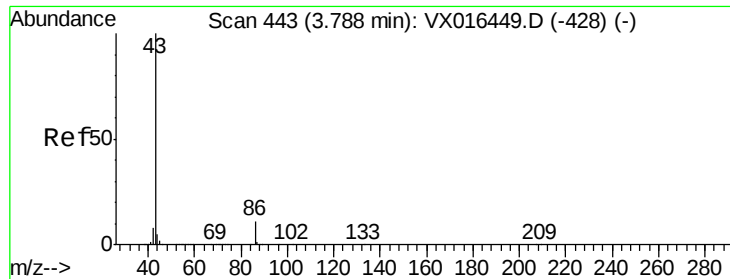
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	45	Resp:	221378
Ion	Ratio	Lower	Upper
45	100		
43	71.6	57.0	85.6
87	27.5	22.5	33.7
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 99.553 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VX0528WBS01

Tot Ion: 43 Resp: 969600

Ion Ratio Lower Upper

43 100

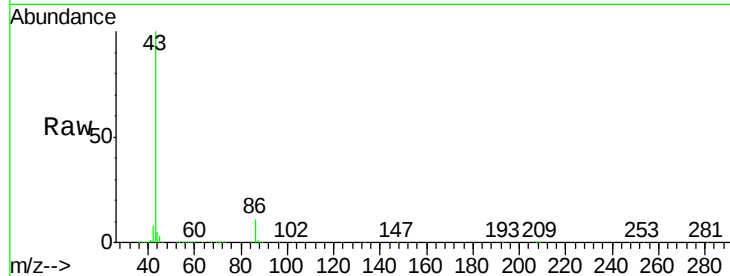
86 10.8 8.6 13.0

Manual Integrations

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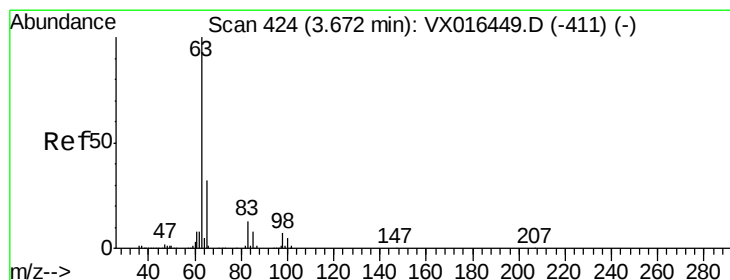
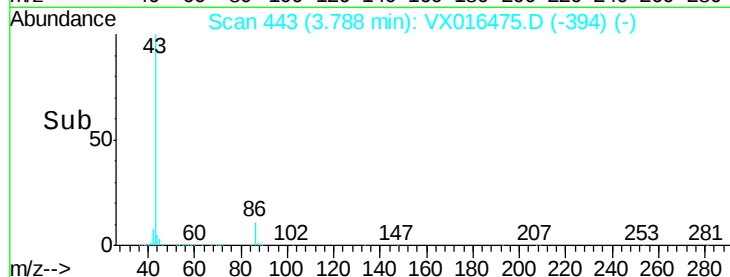
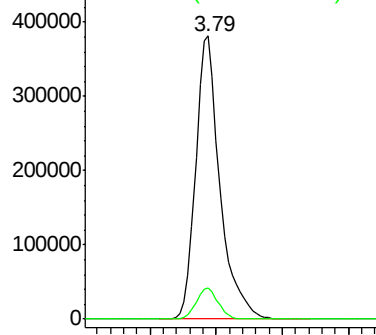
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.451 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

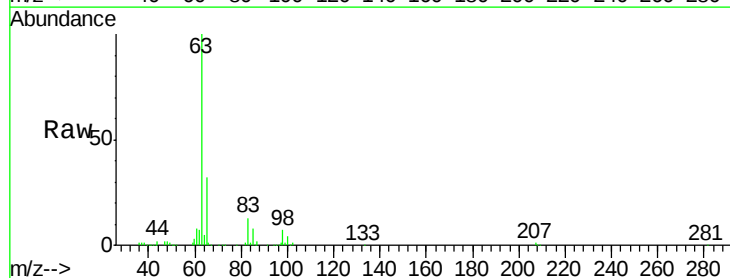
Tgt Ion: 63 Resp: 122155

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

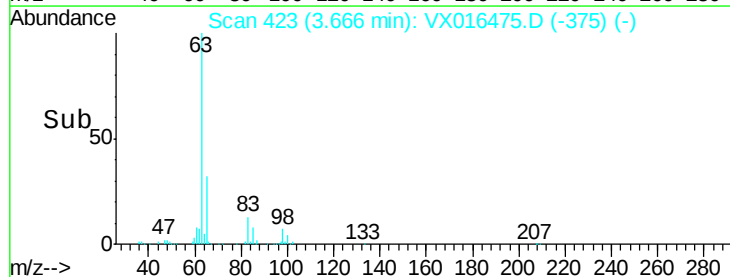
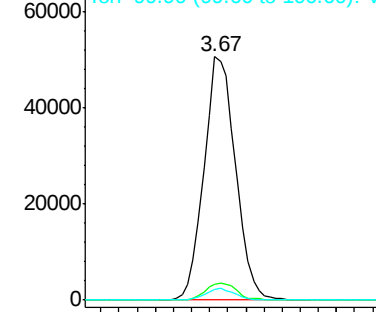
100 4.3 2.4 7.1

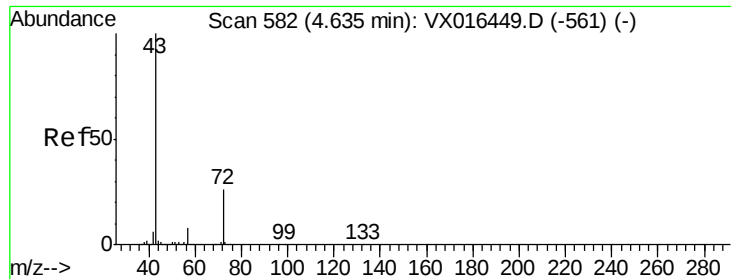


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.171 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 43 Resp: 284182

Ion Ratio Lower Upper

43 100

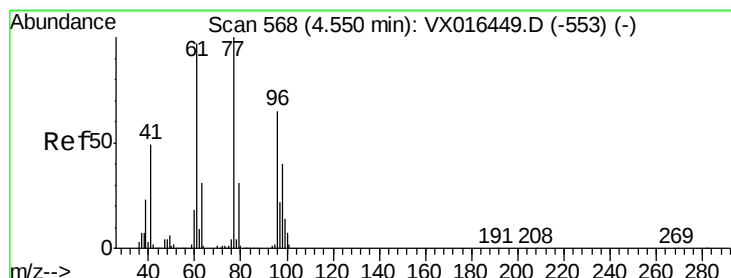
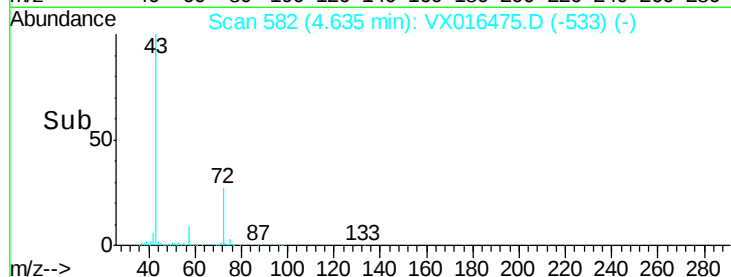
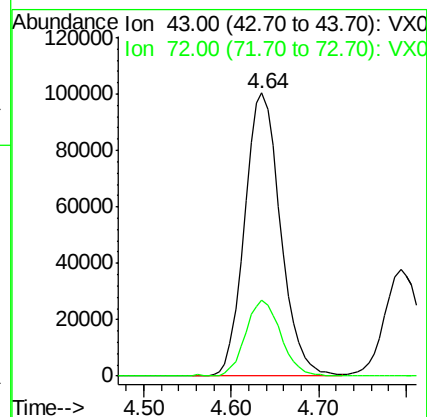
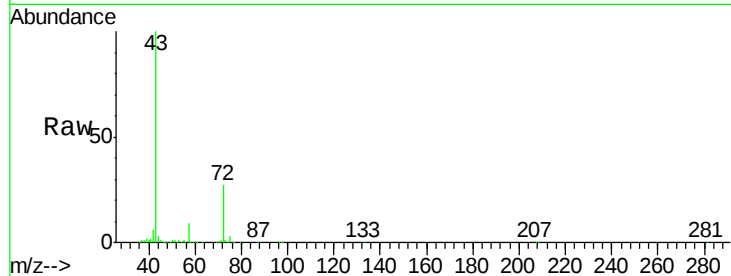
72 26.7 21.0 31.6

Manual Integrations

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5/29/2020 10:57:41 AM



#26

2,2-Dichloropropane

Concen: 20.952 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016475.D

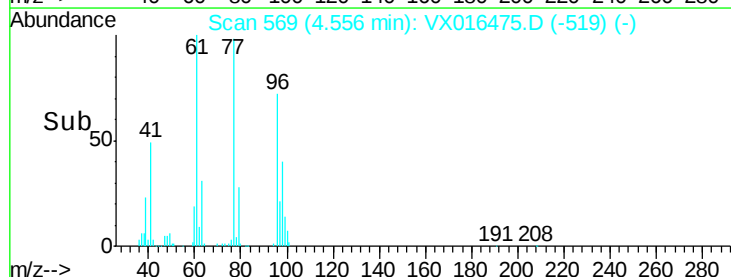
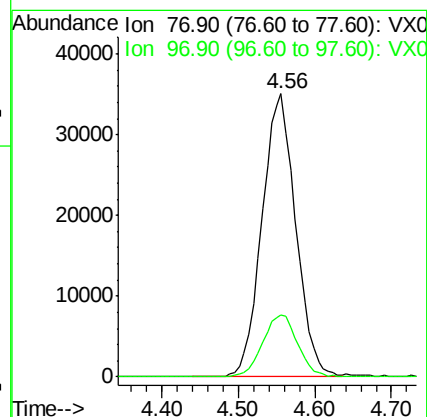
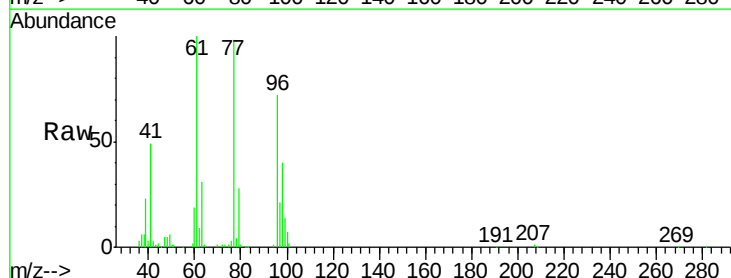
Acq: 28 May 2020 11:21

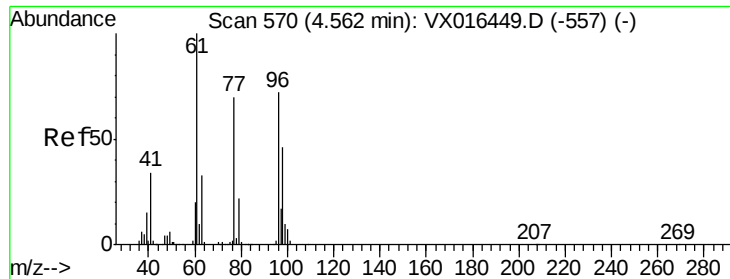
Tgt Ion: 77 Resp: 107673

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

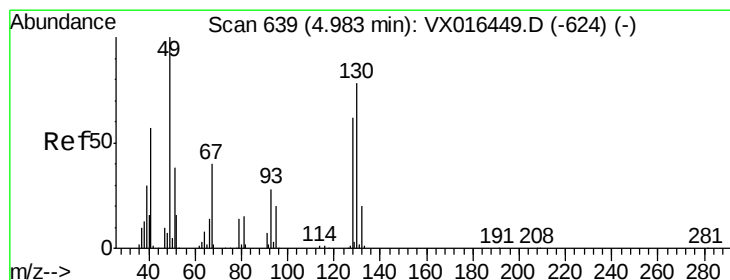
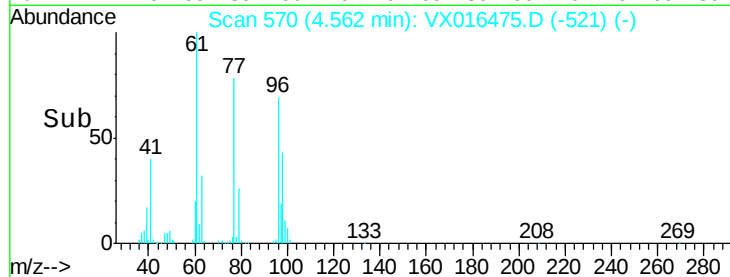
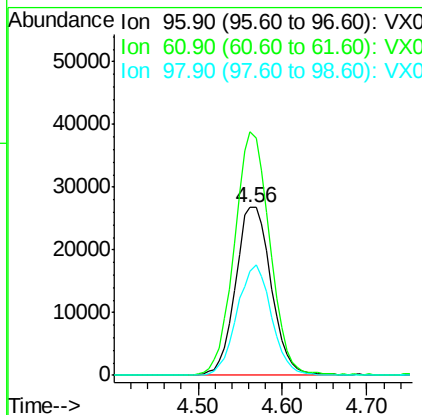
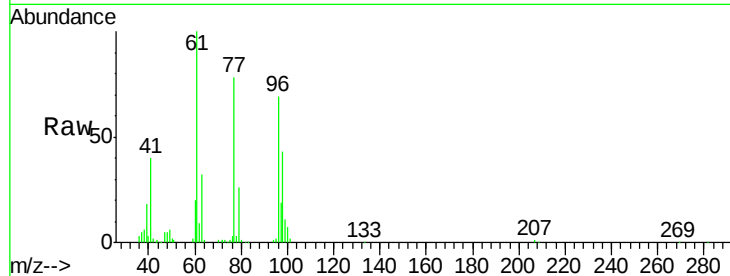
cis-1,2-Dichloroethene
Concen: 19.102 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.2	0.0	284.6	
98	63.6	0.0	127.2	

Manual Integrations
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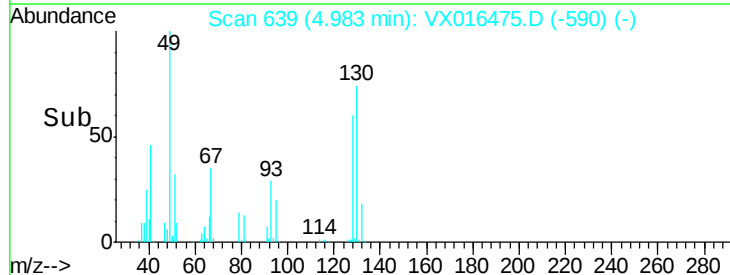
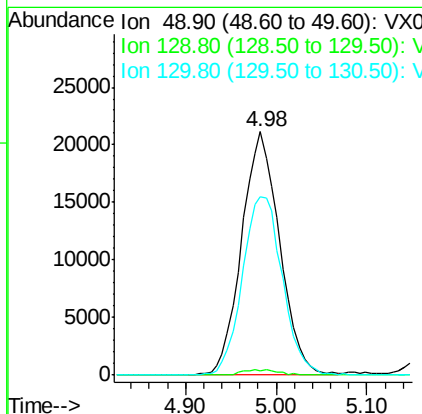
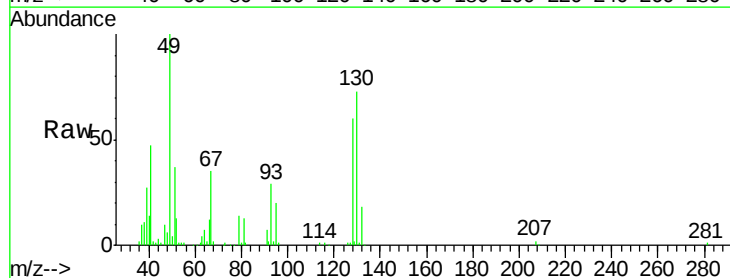
MMDadoda
5/29/2020 10:57:41 AM

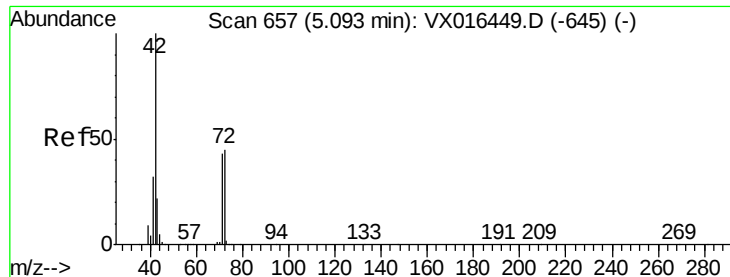


#28

Bromochloromethane
Concen: 20.995 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	77.2	63.0	94.4	





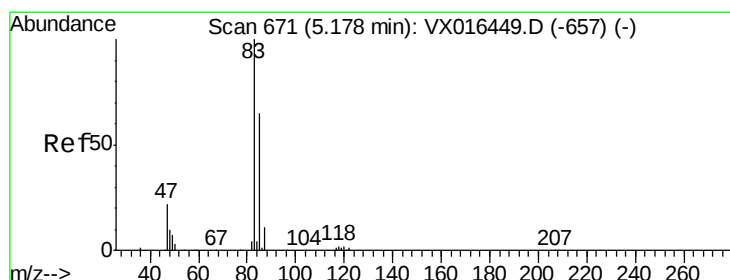
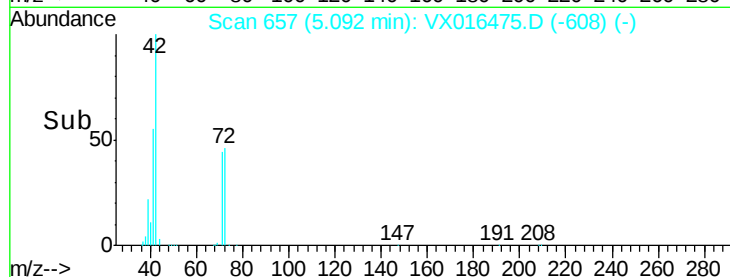
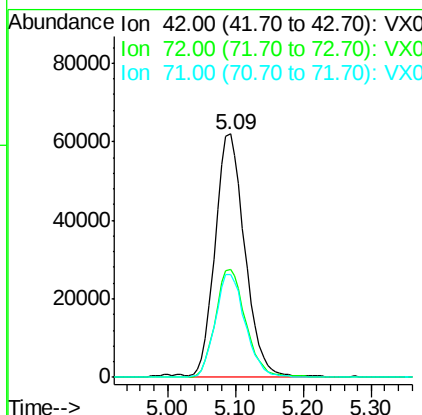
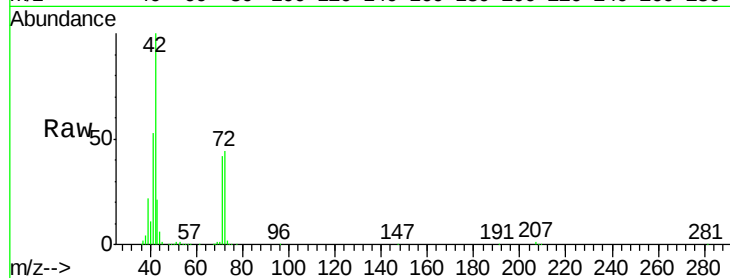
#29
Tetrahydrofuran
Concen: 96.143 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	37.0	55.4
71	43.0	34.1	51.1

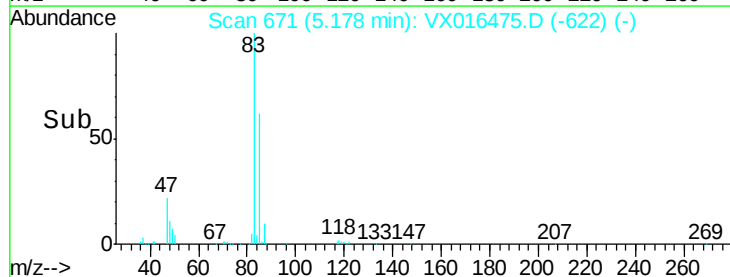
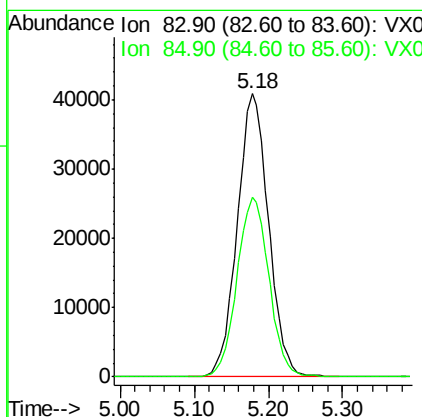
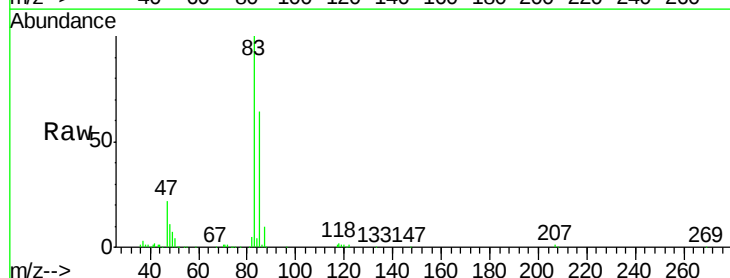
Manual Integrations
APPROVED

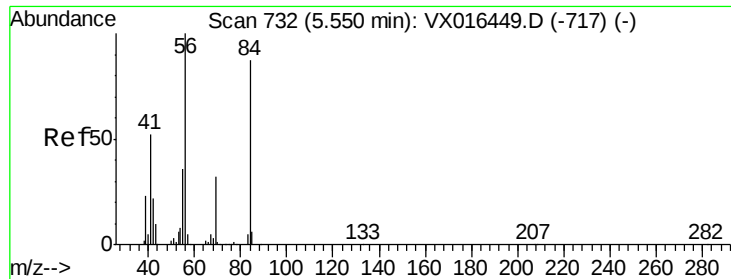
MMDadoda
5/29/2020 10:57:41 AM



#30
Chloroform
Concen: 19.070 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0





#31

Cyclohexane

Concen: 18.519 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

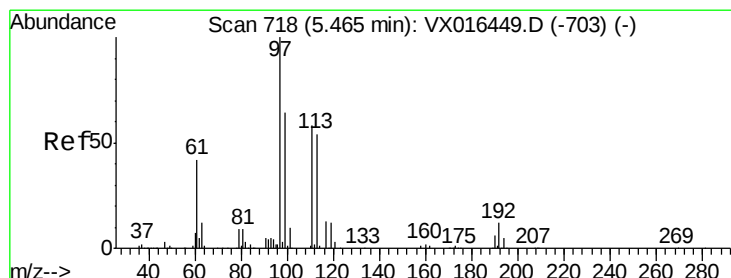
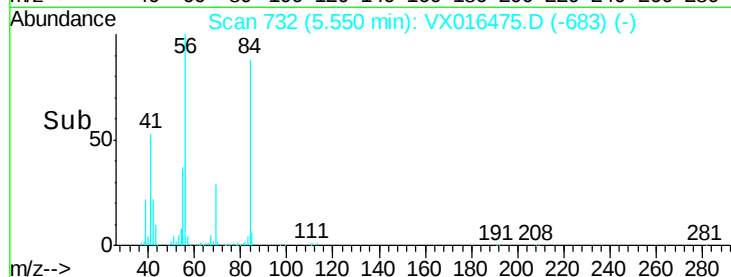
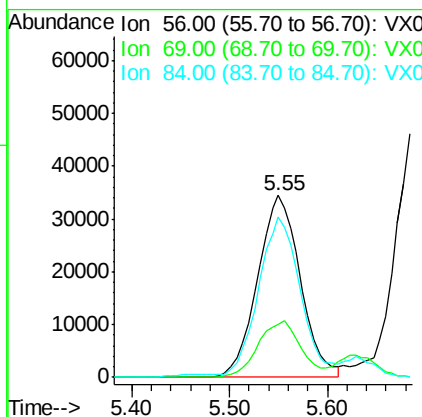
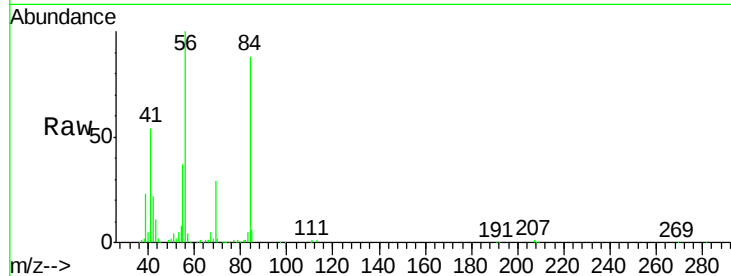
ClientSampleId :

VX0528WBS01

Tot Ion:	56	Resp:	104630
Ion Ratio	Lower	Upper	
56	100		
69	29.2	25.7	38.5
84	86.4	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.916 ug/l

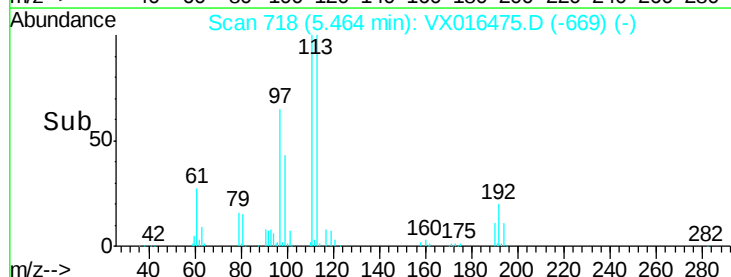
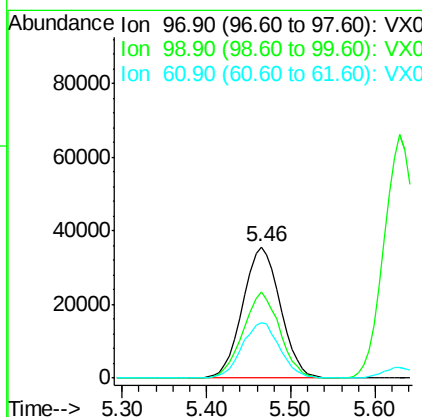
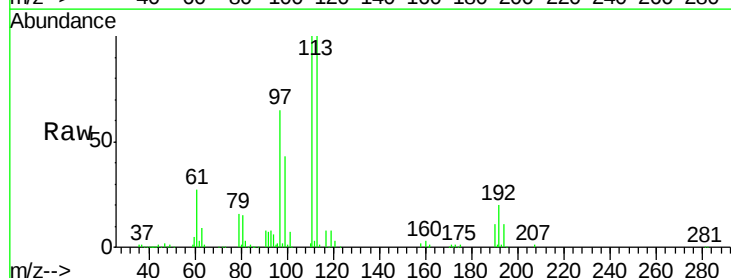
RT: 5.46 min Scan# 718

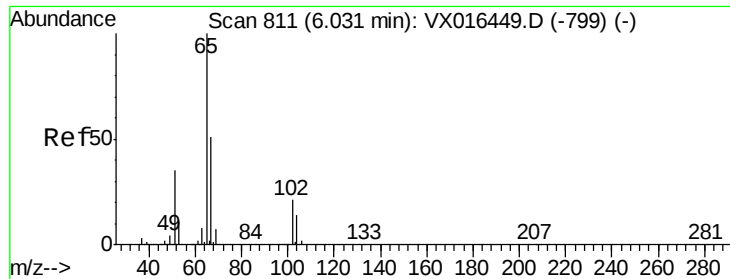
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	97	Resp:	108370
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.4	77.2
61	42.4	33.5	50.3





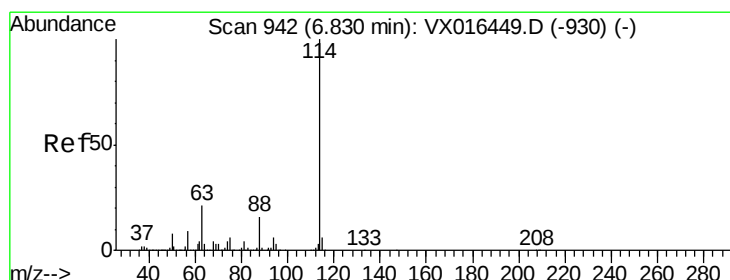
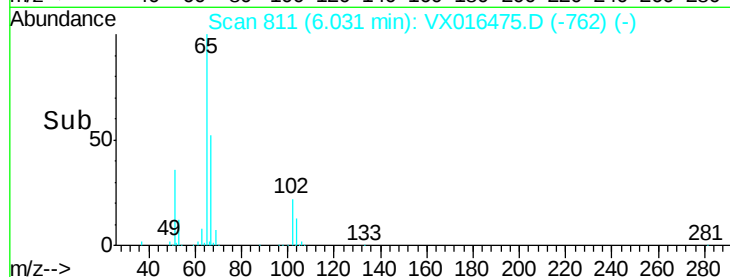
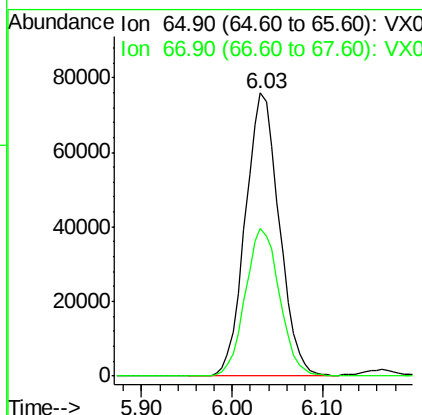
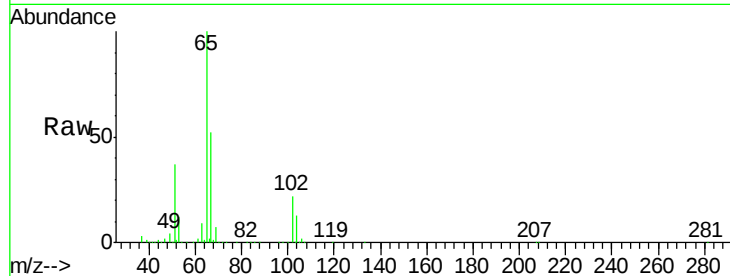
#33
 1,2-Dichloroethane-d4
 Concen: 48.413 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196795		
67	52.9	0.0	104.8	

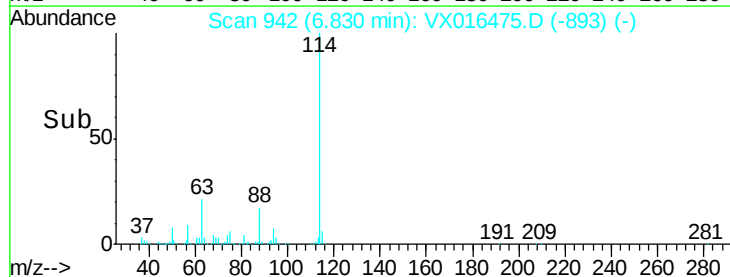
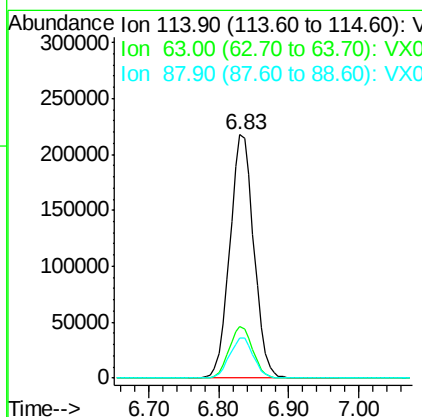
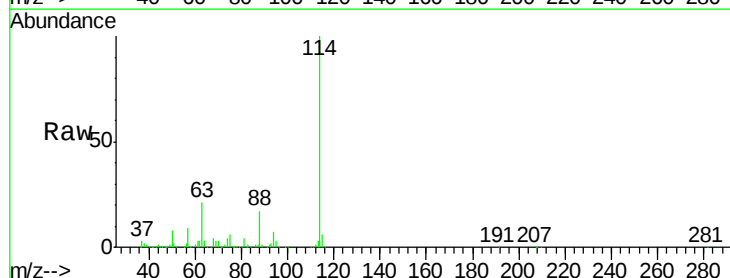
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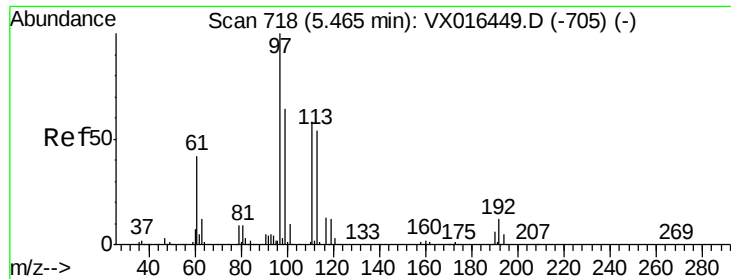
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	517995		
63	21.1	0.0	42.6	
88	16.7	0.0	32.8	





#35

Dibromofluoromethane

Concen: 48.814 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

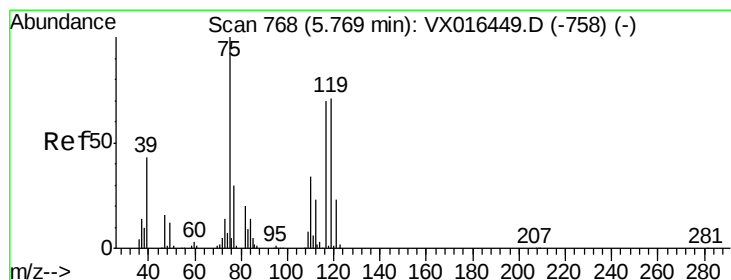
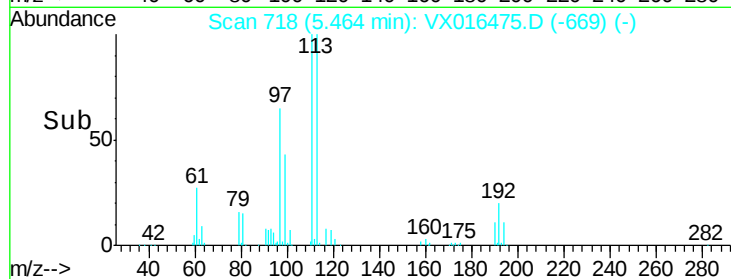
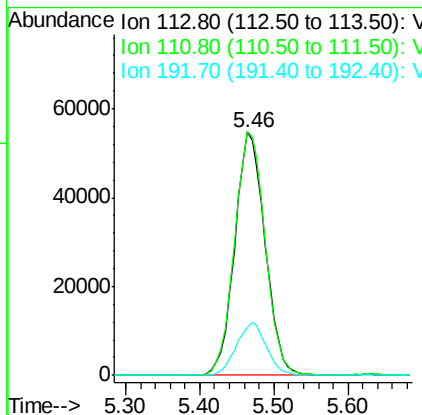
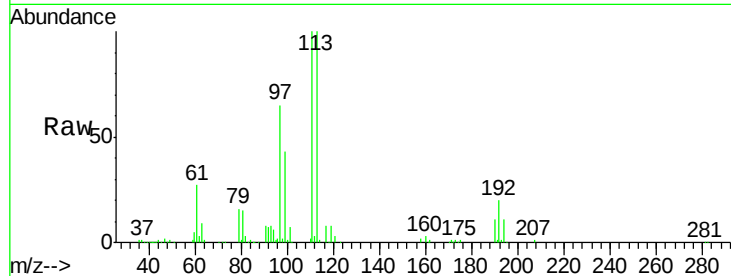
ClientSampleId :

VX0528WBS01

Tot Ion:	113	Resp:	155694
Ion Ratio	Lower	Upper	
113	100		
111	101.5	83.0	124.6
192	21.5	17.7	26.5

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5/29/2020 10:57:41 AM



#36

1,1-Dichloropropene

Concen: 18.706 ug/l

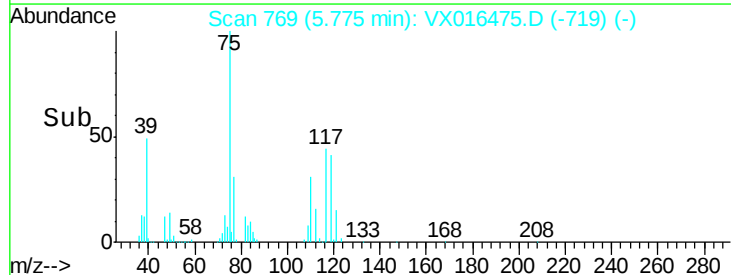
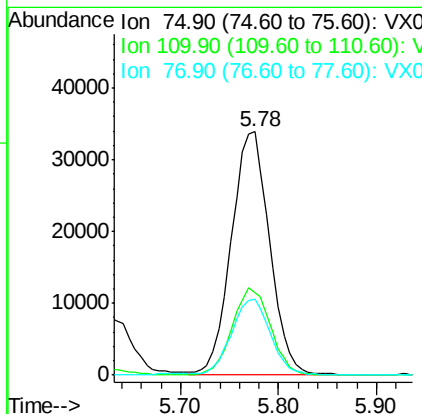
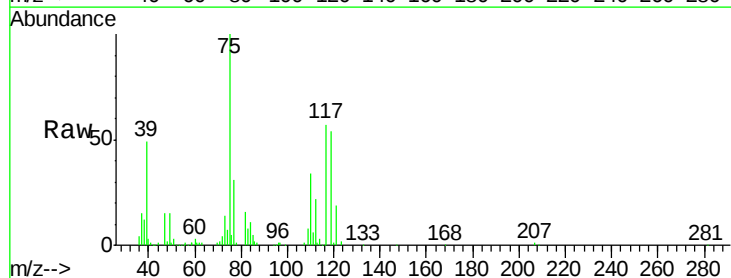
RT: 5.78 min Scan# 769

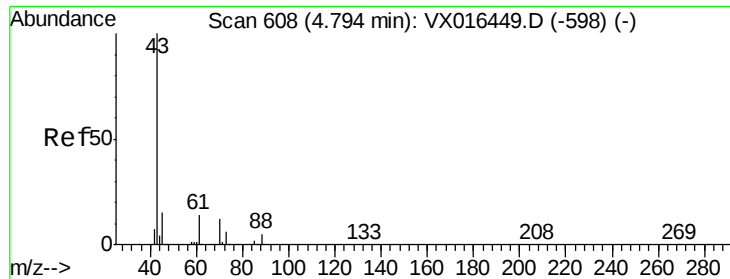
Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	75	Resp:	91744
Ion Ratio	Lower	Upper	
75	100		
110	36.0	17.4	52.3
77	31.2	24.2	36.4





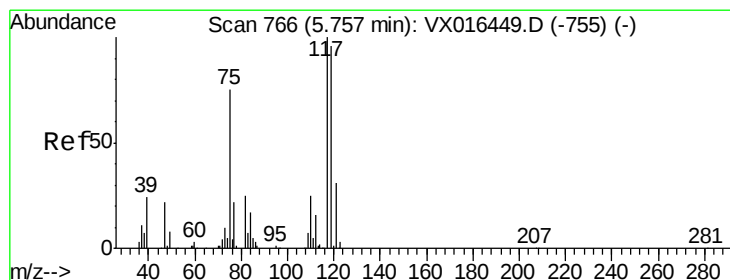
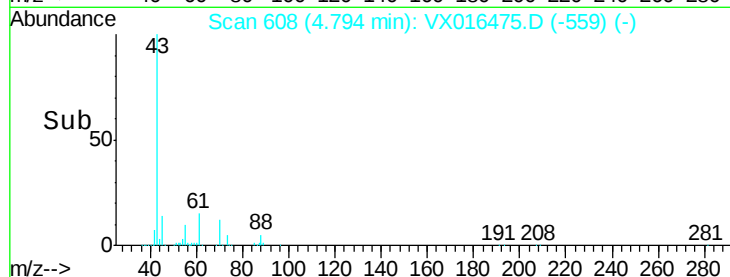
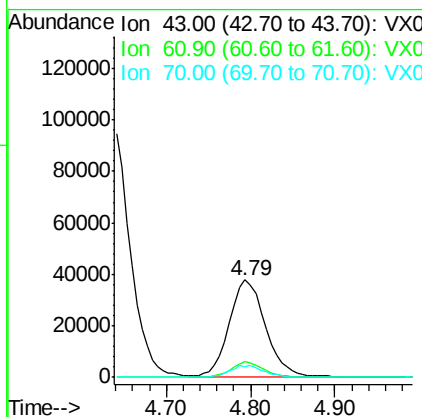
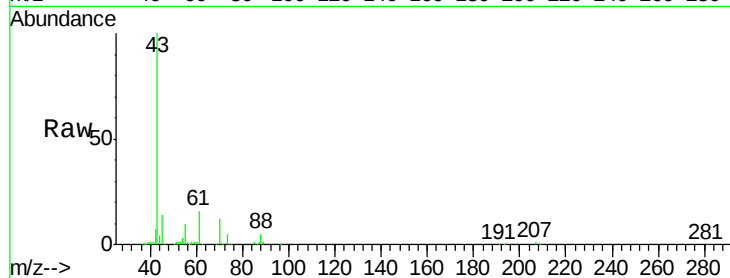
#37
Ethyl Acetate
Concen: 18.572 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	109356		
61	15.0		11.3	16.9
70	12.1		9.3	13.9

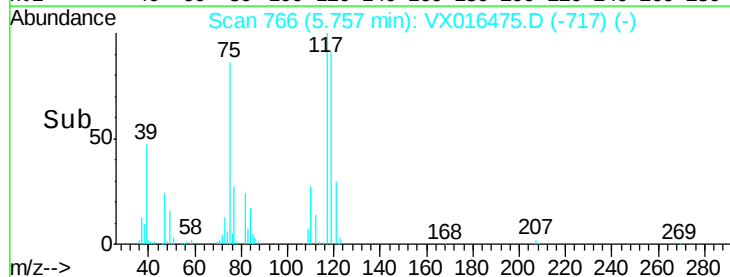
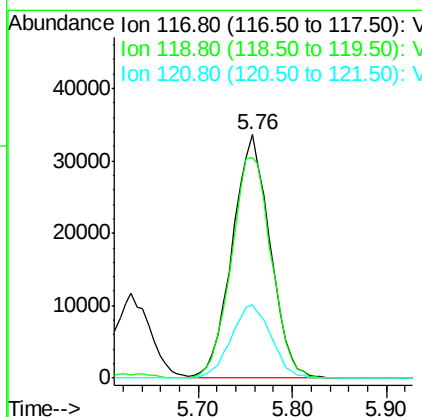
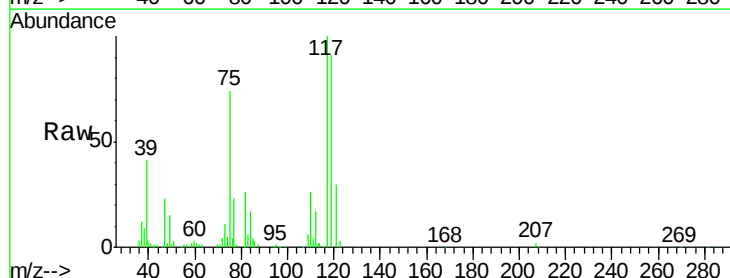
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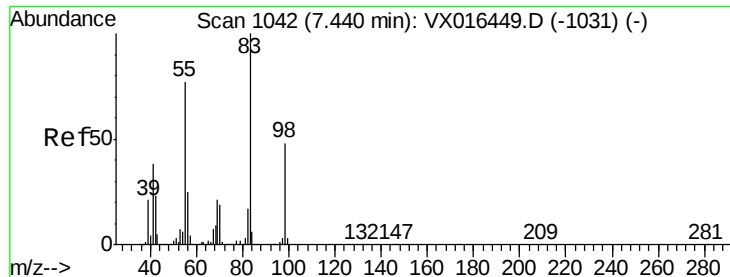
MMDadoda
5/29/2020 10:57:41 AM



#38
Carbon Tetrachloride
Concen: 18.198 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93793		
119	90.7		76.3	114.5
121	30.3		24.6	37.0





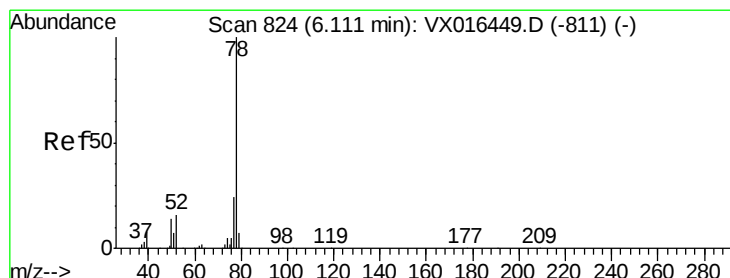
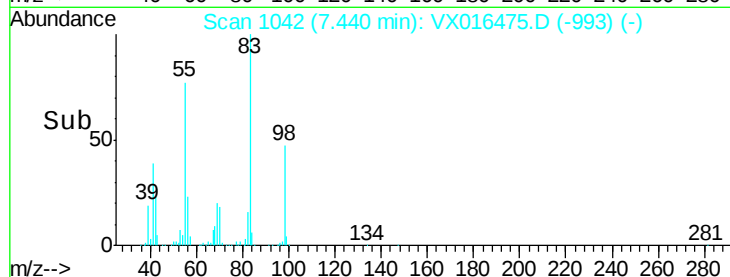
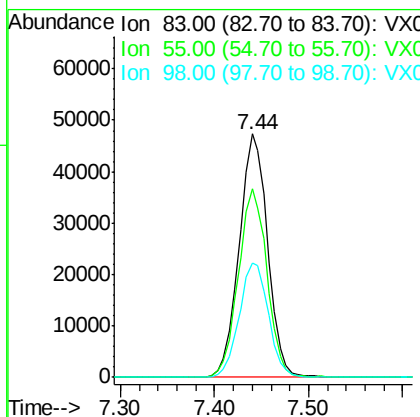
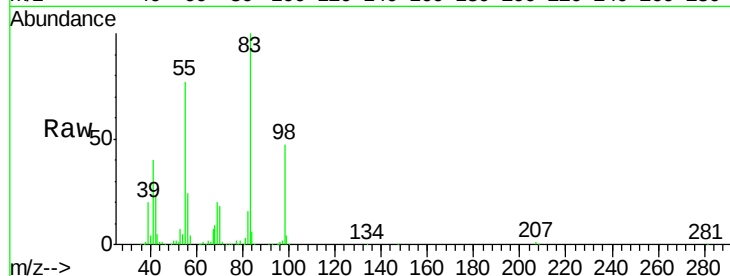
#39
Methvlcvclohexane
Concen: 18.726 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.7	92.5
98	47.2	38.7	58.1

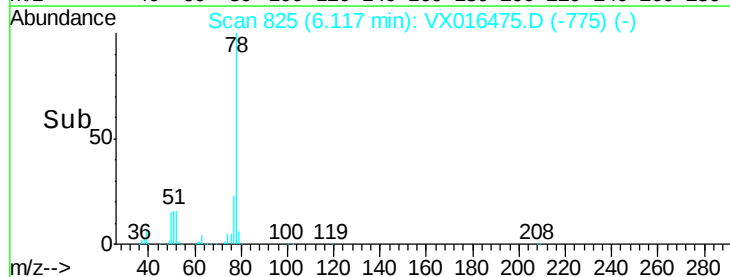
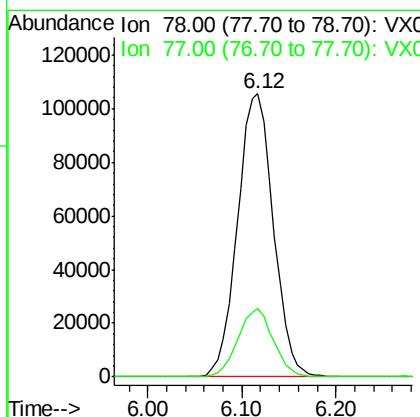
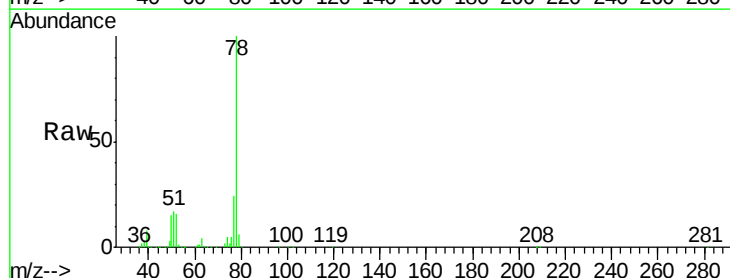
Manual Integrations
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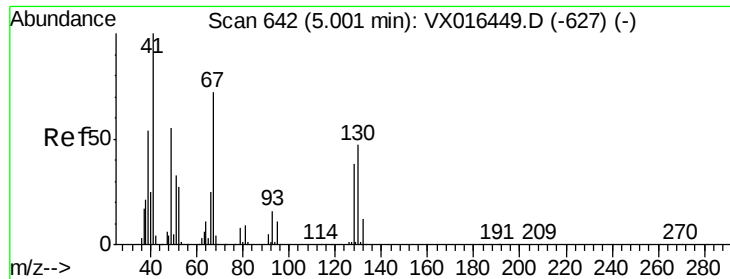
MMDadoda
5/29/2020 10:57:41 AM



#40
Benzene
Concen: 19.211 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





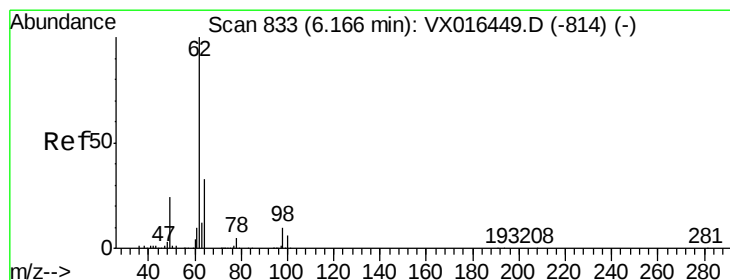
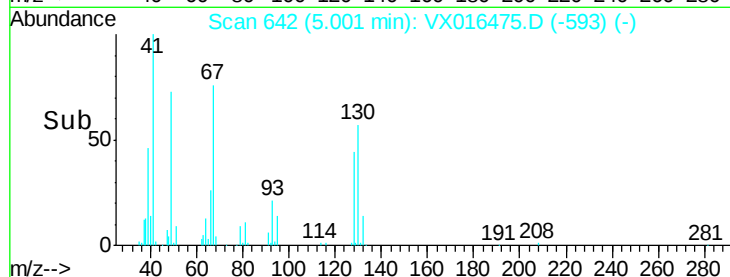
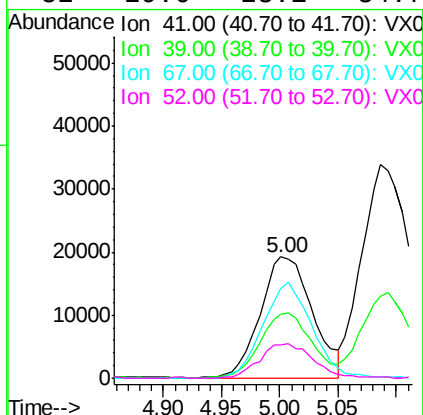
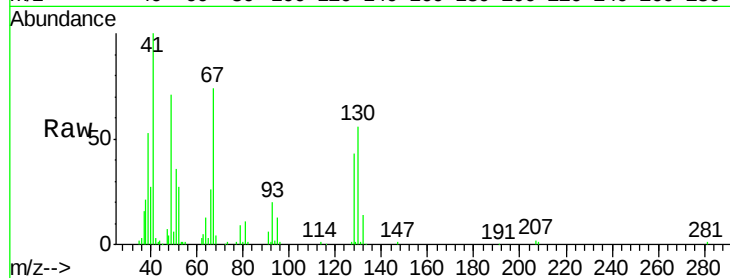
#41
Methacrylonitrile
Concen: 18.532 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		59938		
39	52.8	43.0	64.4		
67	74.4	58.9	88.3		
52	29.6	23.1	34.7		

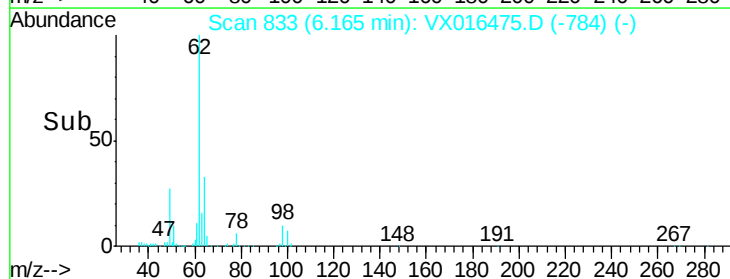
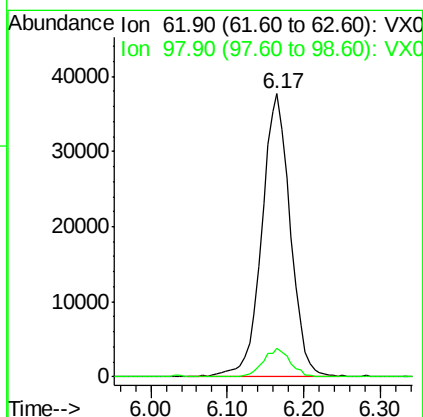
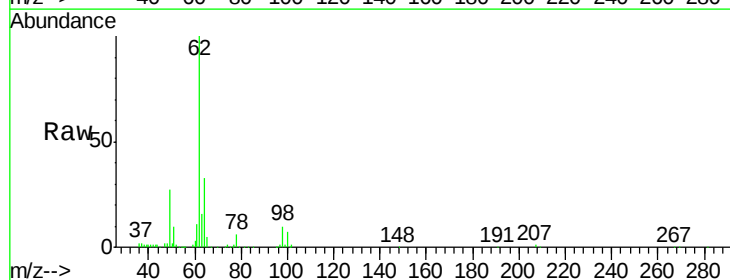
Manual Integrations
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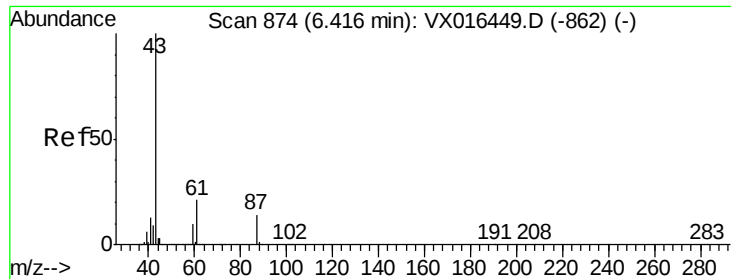
MMDadoda
5/29/2020 10:57:41 AM



#42
1,2-Dichloroethane
Concen: 18.808 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		97690		
98	9.6	0.0	19.8		





#43

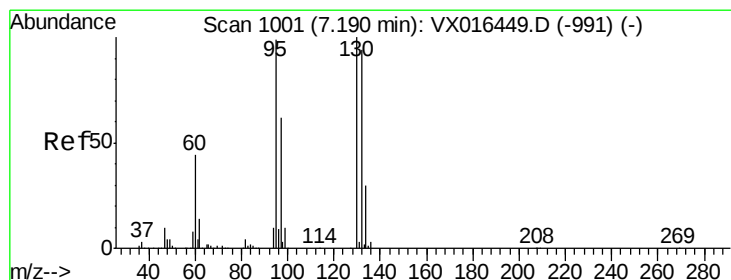
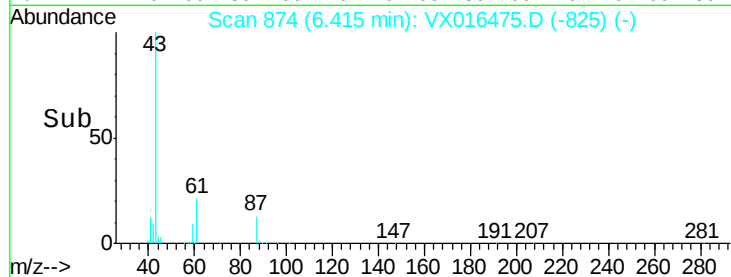
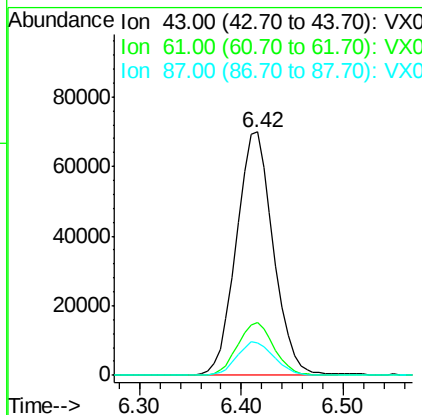
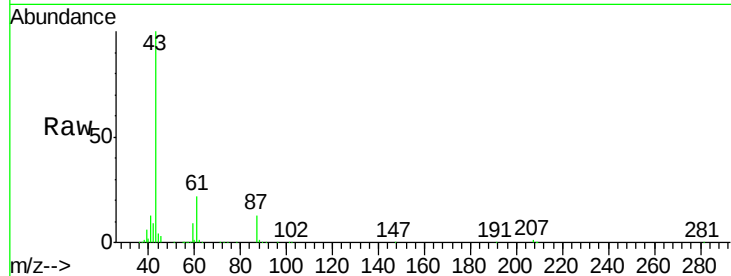
Isopropyl Acetate
 Concen: 19.014 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.8	25.2
87	14.0	11.2	16.8

Manual Integrations
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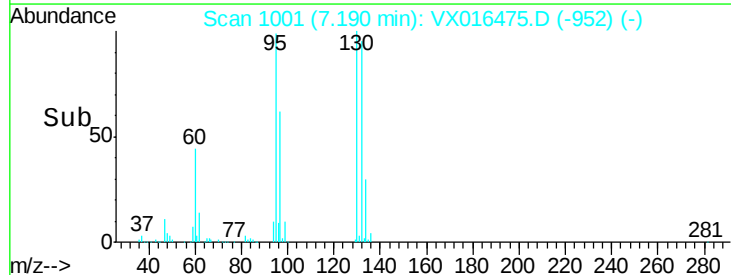
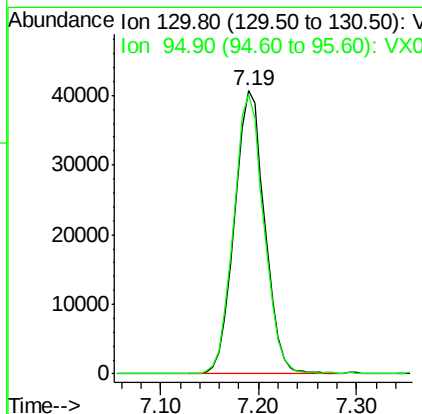
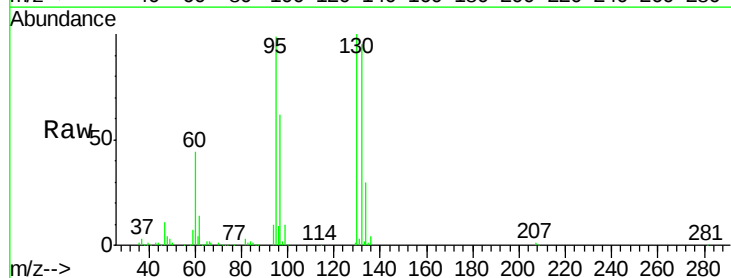
MMDadoda
 5/29/2020 10:57:41 AM

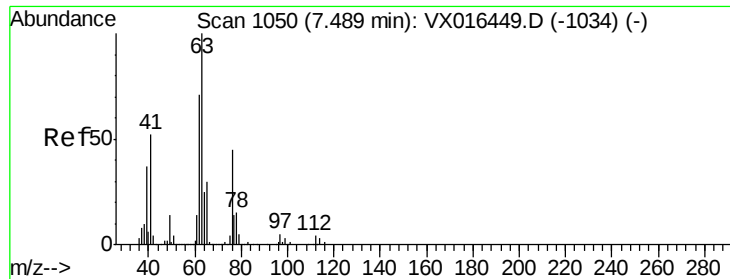


#44

Trichloroethene
 Concen: 18.846 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	198.2





#45

1,2-Dichloropropane

Concen: 19.250 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 63 Resp: 71575

Ion Ratio Lower Upper

63 100

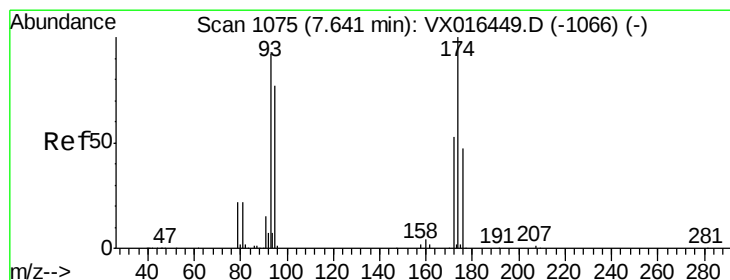
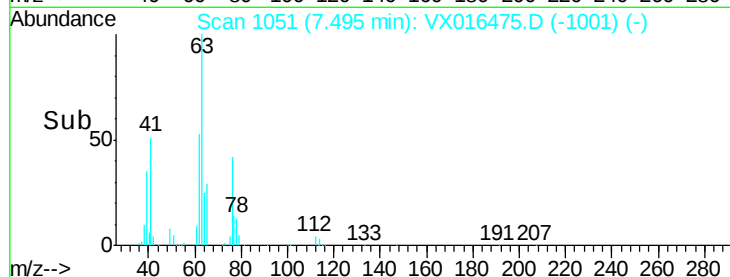
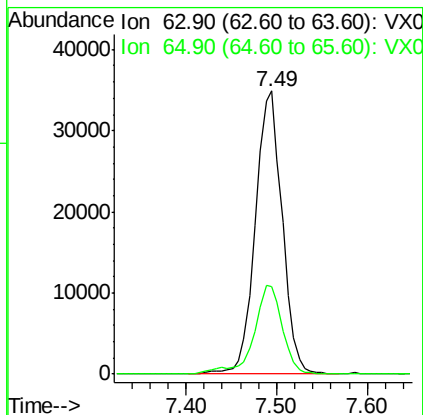
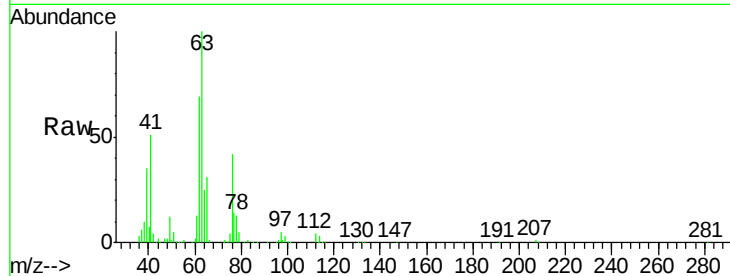
65 30.8 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.865 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

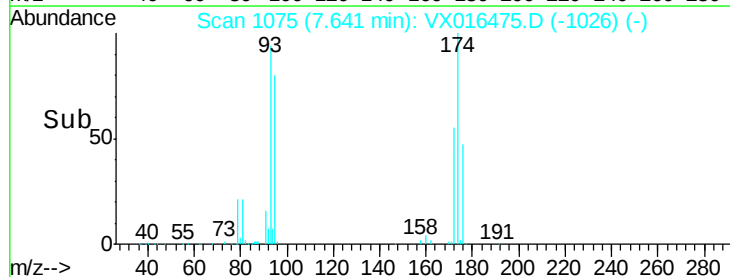
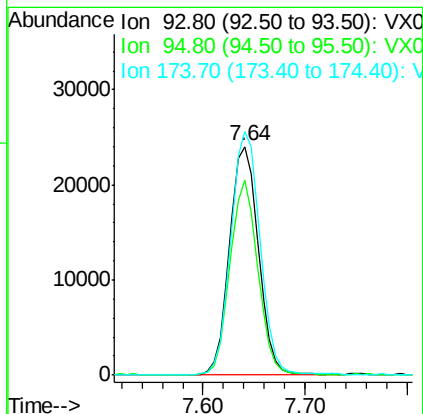
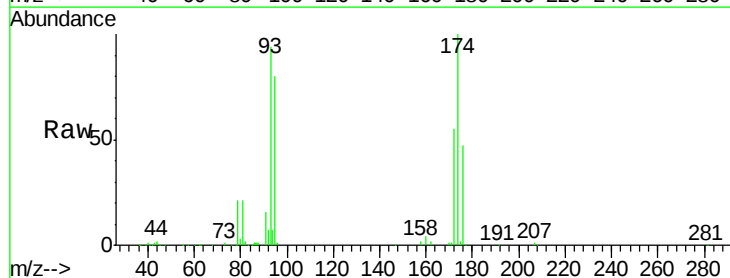
Tgt Ion: 93 Resp: 47114

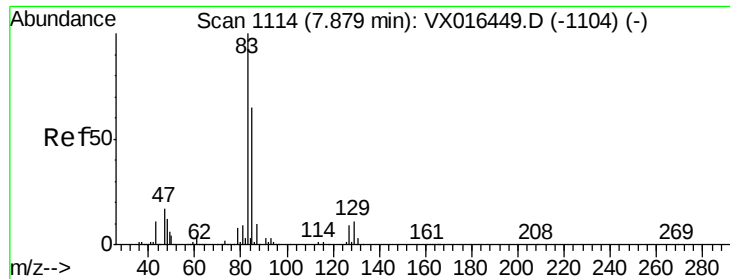
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 107.2 86.2 129.4





#47

Bromodichloromethane

Concen: 18.613 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

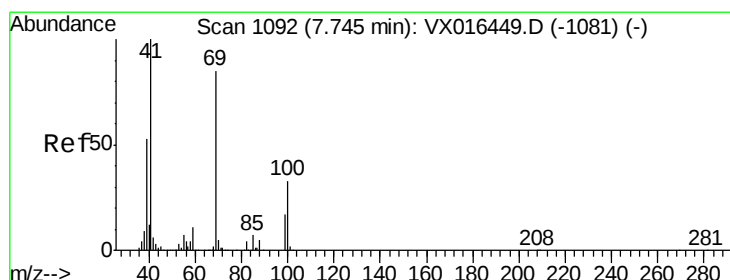
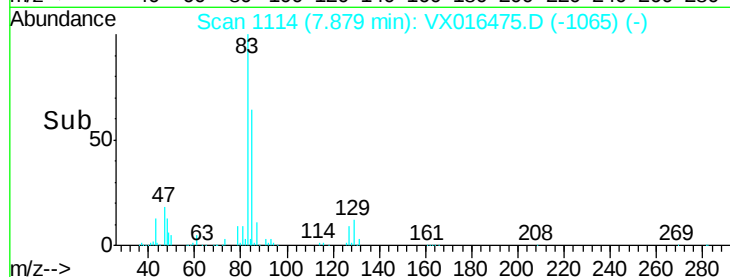
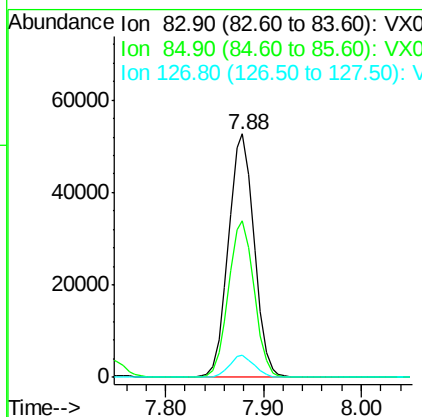
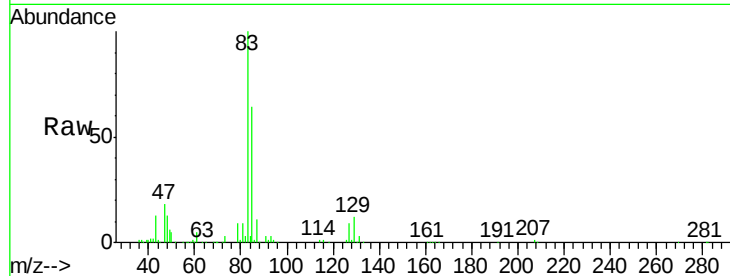
ClientSampleId :

VX0528WBS01

Tot Ion:	83	Resp:	96249
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0
127	9.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.761 ug/l

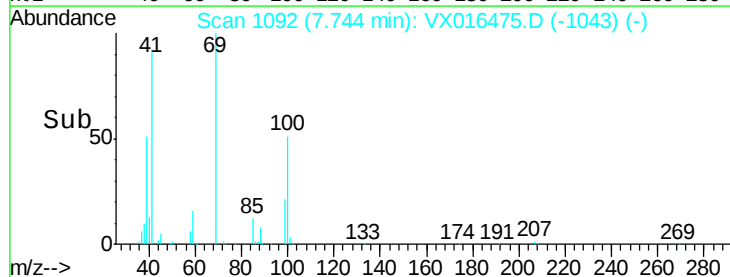
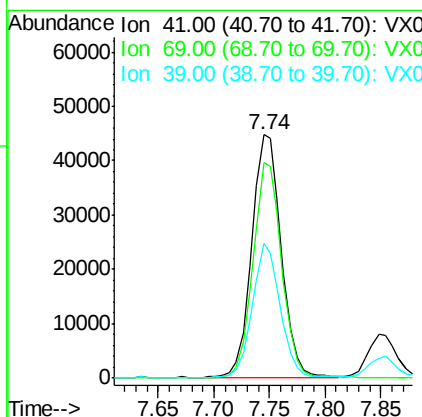
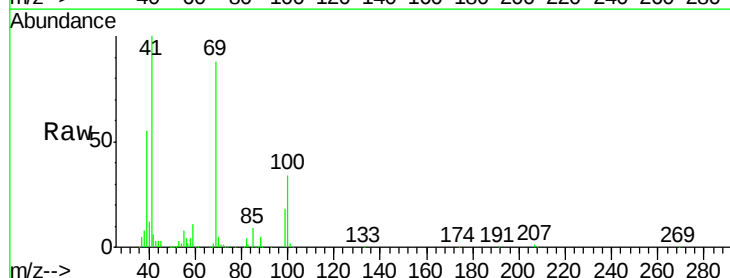
RT: 7.74 min Scan# 1092

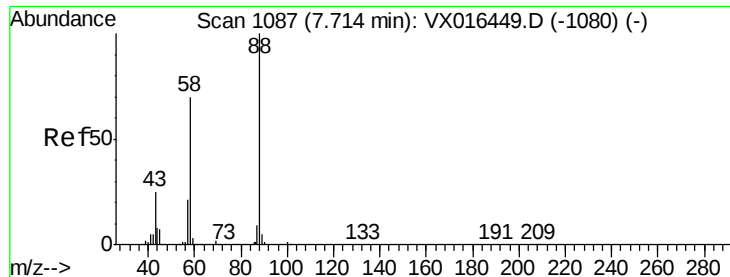
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	41	Resp:	82503
Ion	Ratio	Lower	Upper
41	100		
69	87.0	68.6	102.8
39	52.7	42.4	63.6





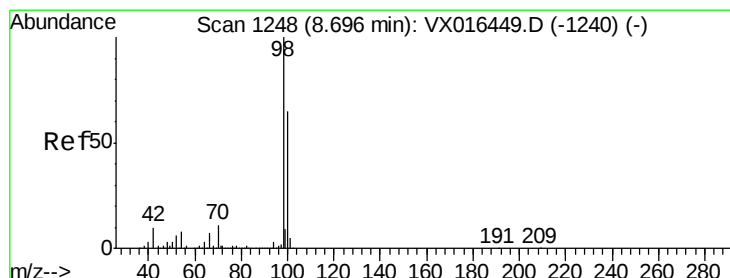
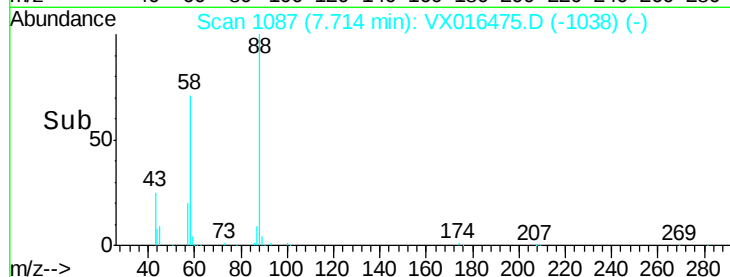
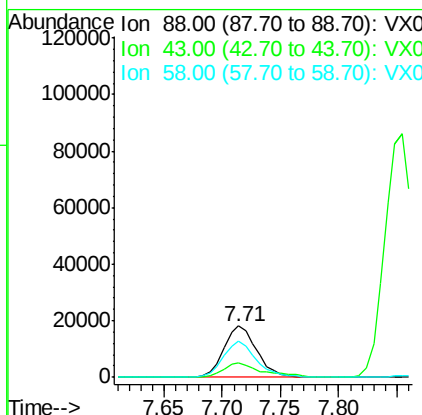
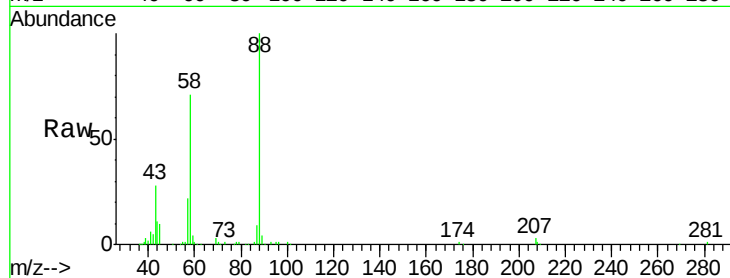
#49
 1,4-Dioxane
 Concen: 343.948 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.2	36.4
58	70.9	56.5	84.7

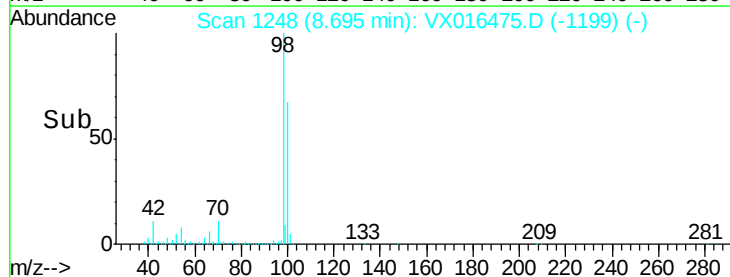
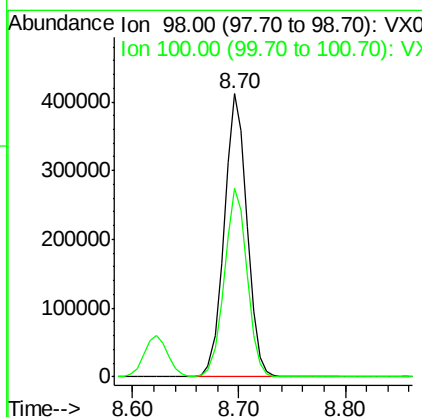
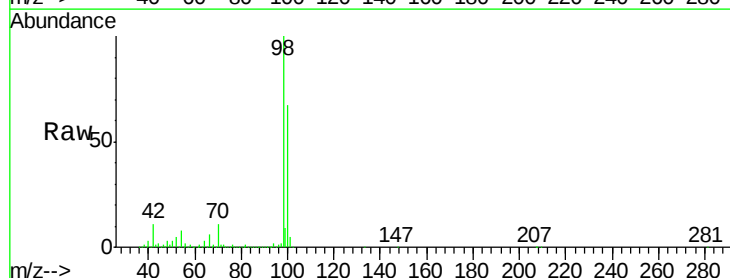
Manual Integrations
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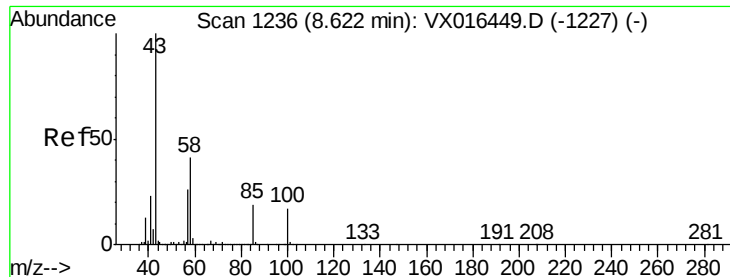
MMDadoda
 5/29/2020 10:57:41 AM



#50
 Toluene-d8
 Concen: 49.582 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 96.151 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 43 Resp: 549872

Ion Ratio Lower Upper

43 100

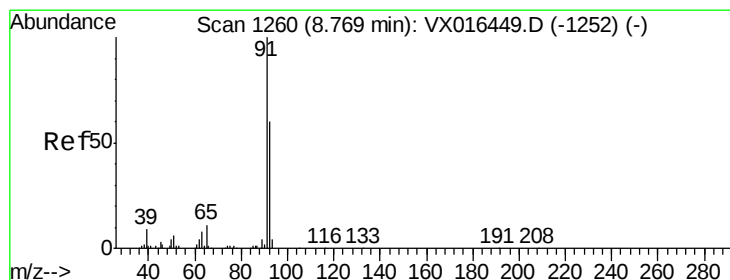
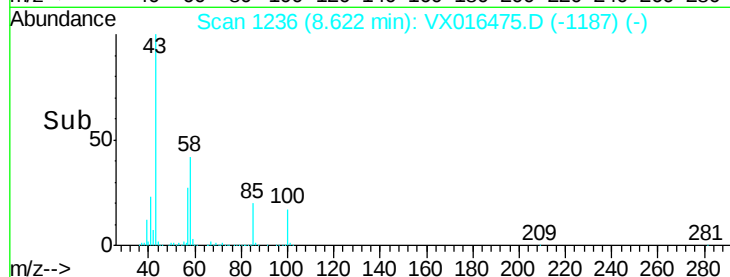
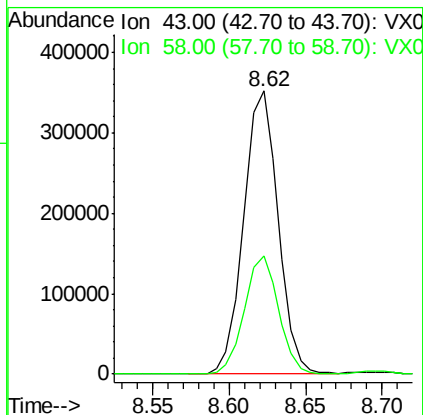
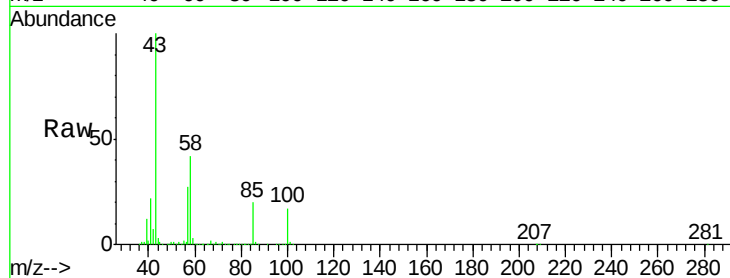
58 41.4 33.0 49.6

Manual Integrations

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#52

Toluene

Concen: 19.359 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016475.D

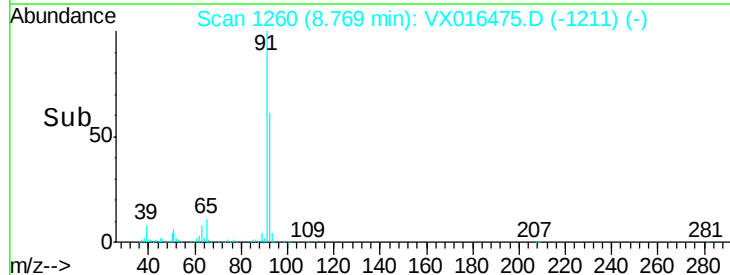
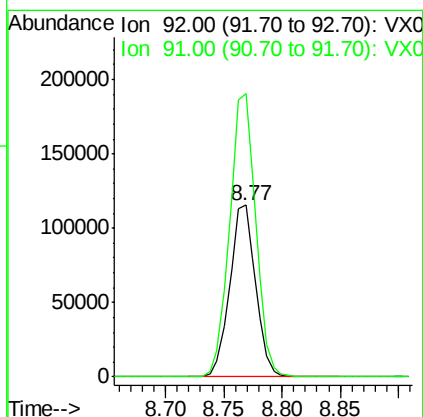
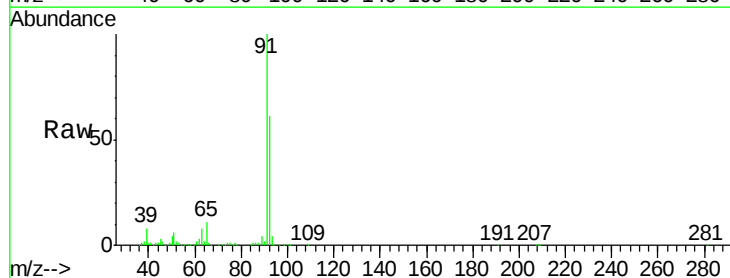
Acq: 28 May 2020 11:21

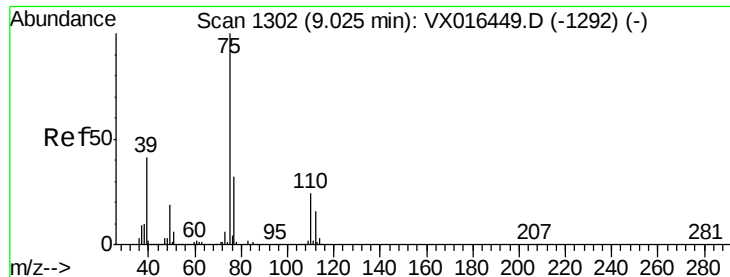
Tgt Ion: 92 Resp: 178292

Ion Ratio Lower Upper

92 100

91 167.2 135.0 202.4





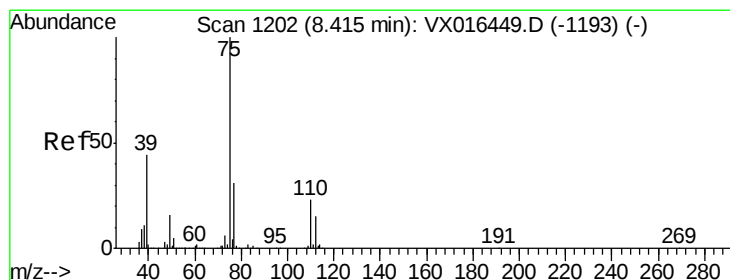
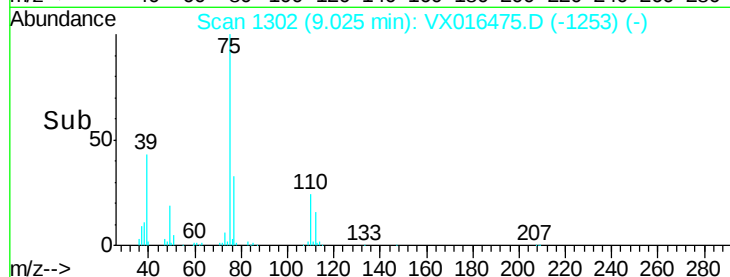
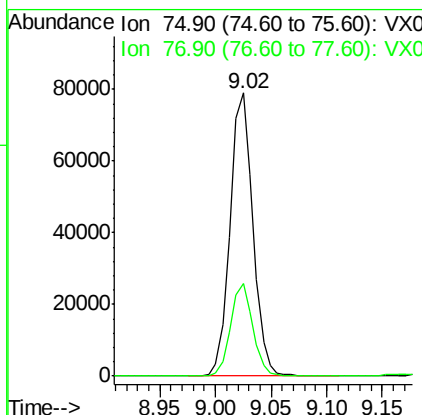
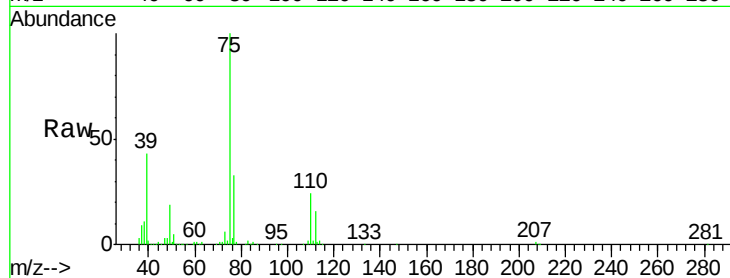
#53
t-1,3-Dichloropropene
Concen: 19.105 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3

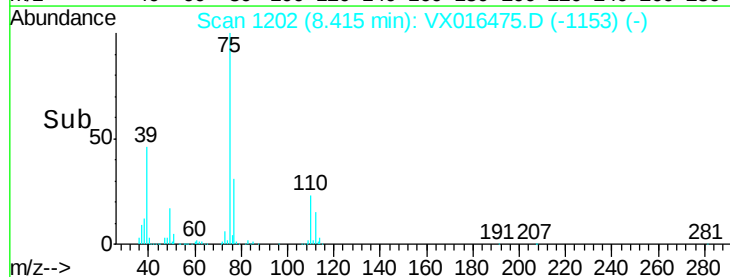
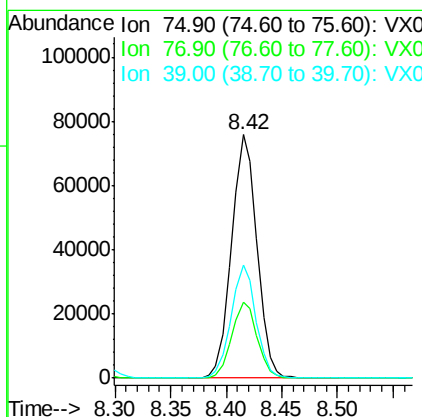
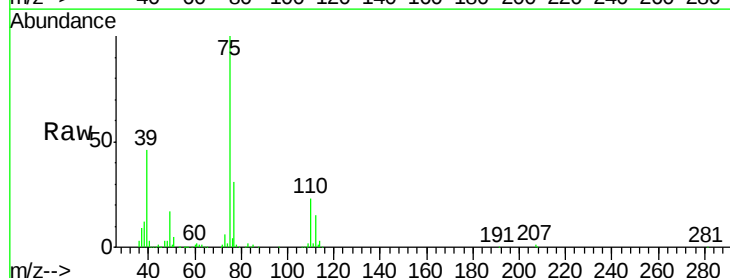
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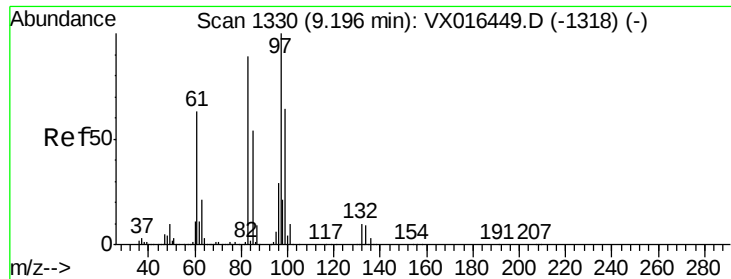
MMDadoda
5/29/2020 10:57:41 AM



#54
cis-1,3-Dichloropropene
Concen: 19.277 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	46.3	35.3	52.9





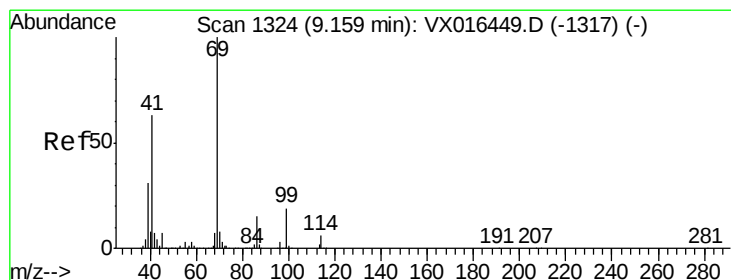
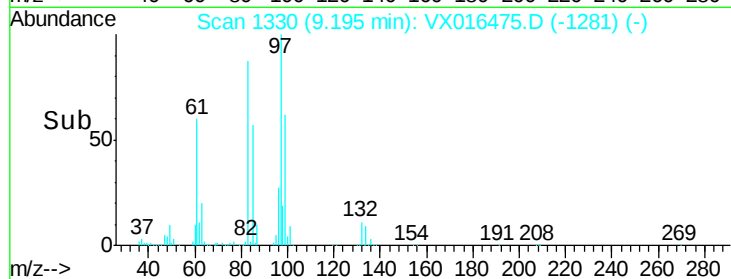
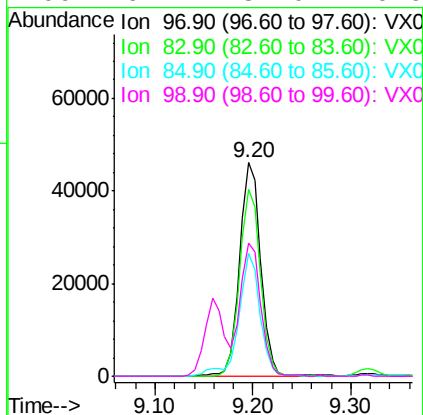
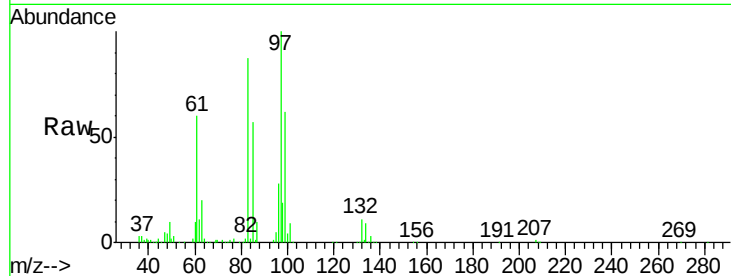
#55
 1,1,2-Trichloroethane
 Concen: 18.949 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion:	97	Resp:	69390
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.9	106.3
85	57.3	43.4	65.2
99	62.2	51.0	76.6

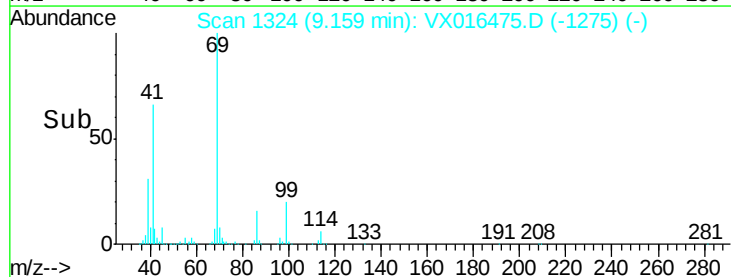
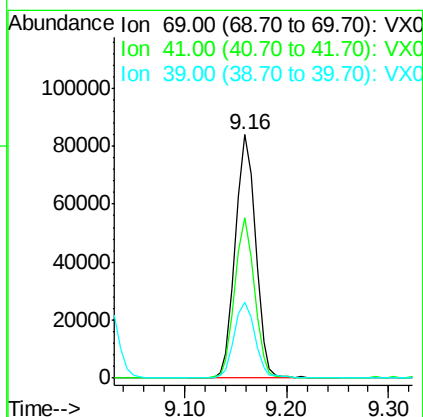
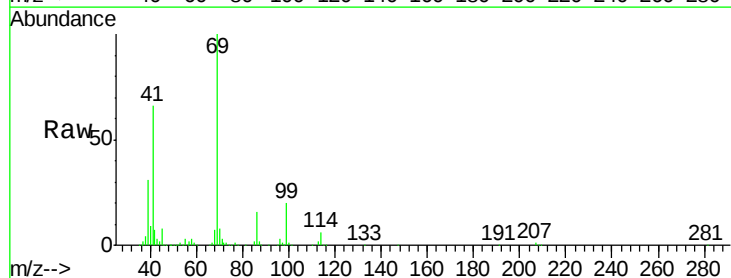
Manual Integrations
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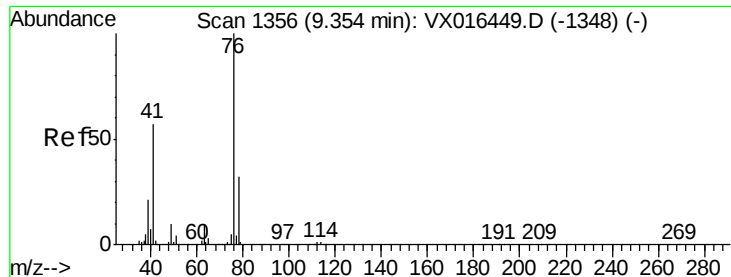
MMDadoda
 5/29/2020 10:57:41 AM



#56
 Ethyl methacrylate
 Concen: 19.435 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion:	69	Resp:	115906
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.7	76.1
39	32.1	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.233 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 76 Resp: 120886

Ion Ratio Lower Upper

76 100

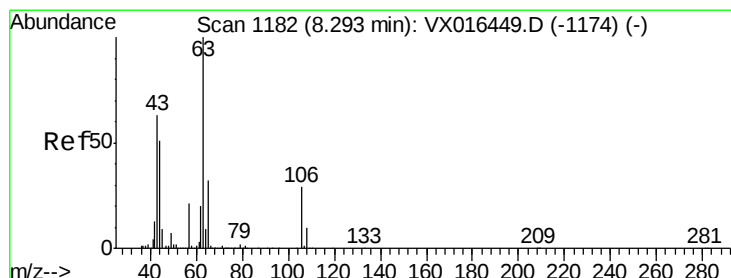
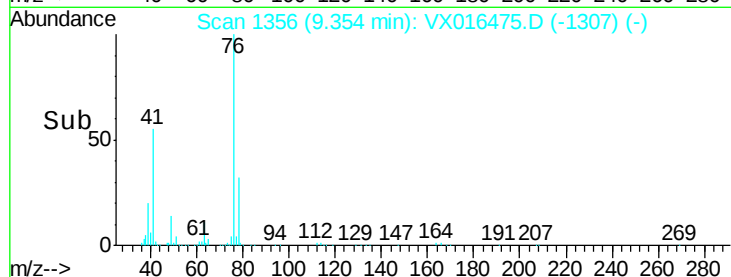
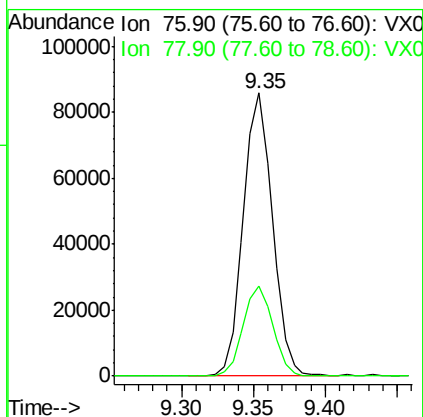
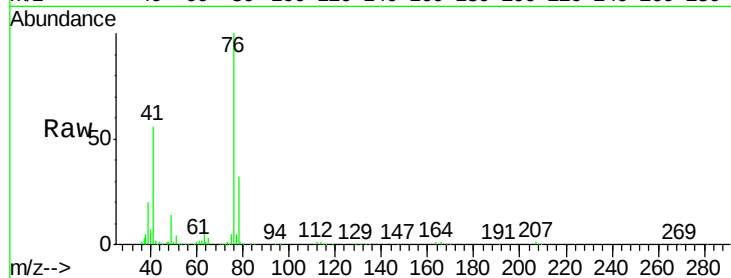
78 32.6 26.2 39.4

Manual Integrations

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5/29/2020 10:57:41 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.279 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016475.D

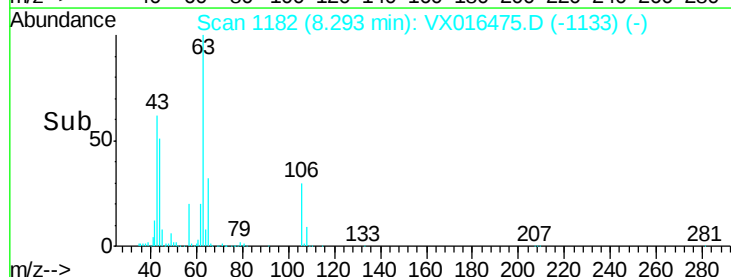
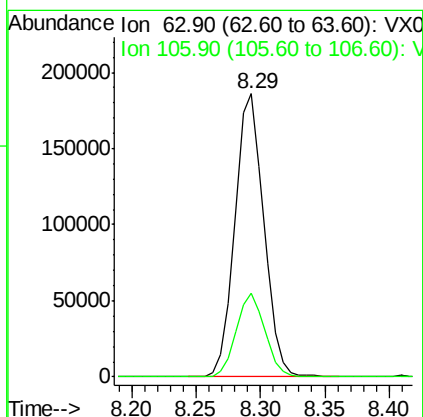
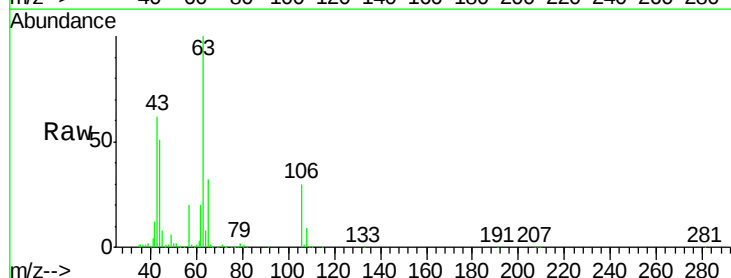
Acq: 28 May 2020 11:21

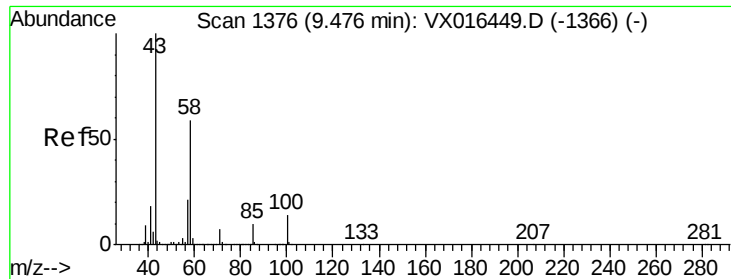
Tgt Ion: 63 Resp: 290367

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8





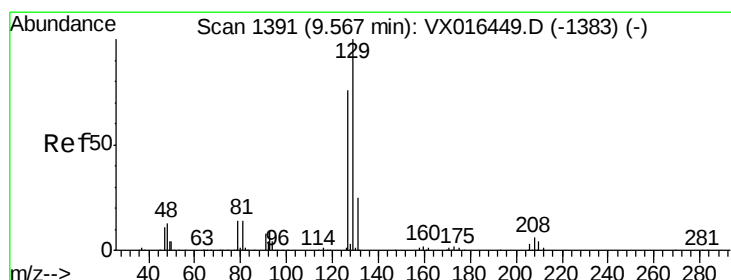
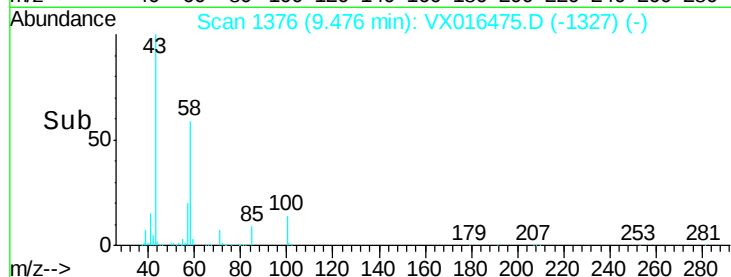
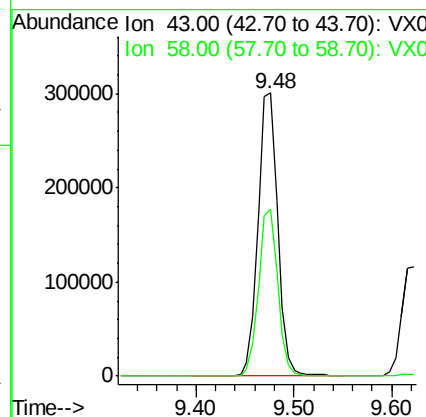
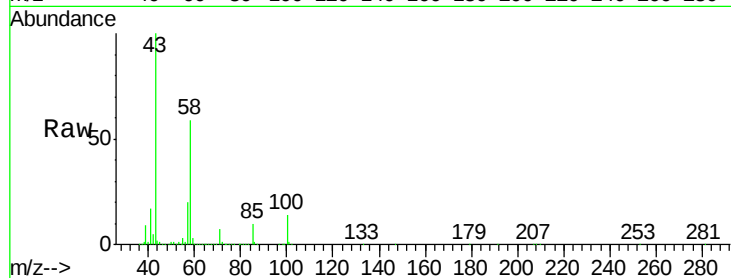
#59
2-Hexanone
Concen: 94.690 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.9	28.8	86.4

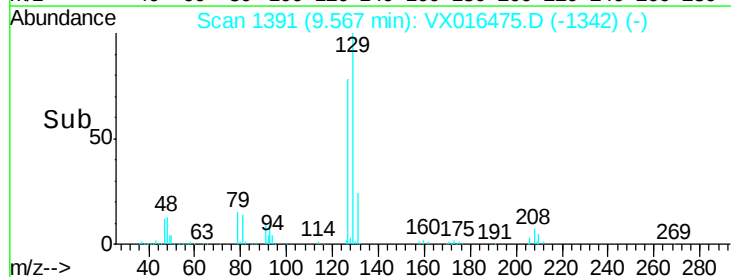
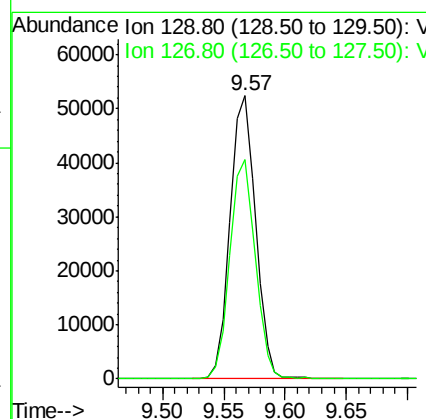
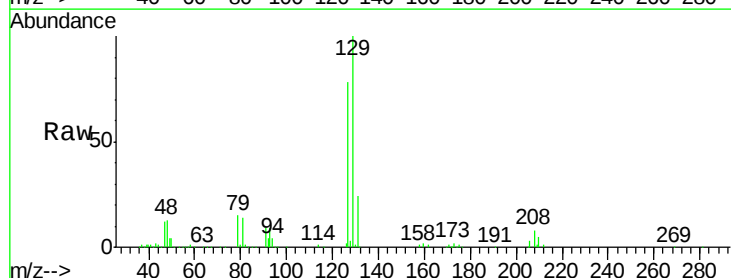
Manual Integrations
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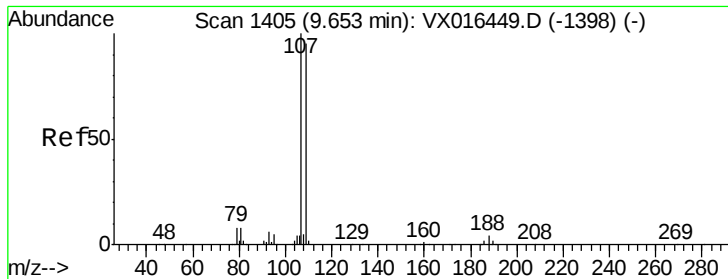
MMDadoda
5/29/2020 10:57:41 AM



#60
Dibromochloromethane
Concen: 18.416 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	116.0





#61

1,2-Dibromoethane

Concen: 18.816 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 107 Resp: 73783

Ion Ratio Lower Upper

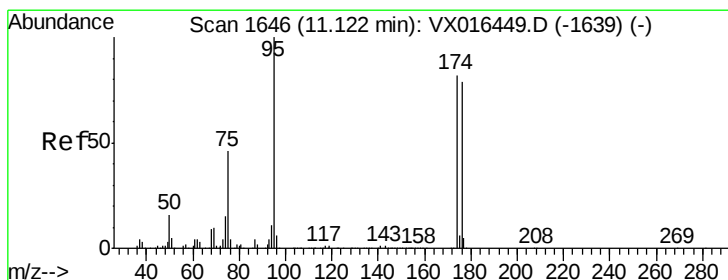
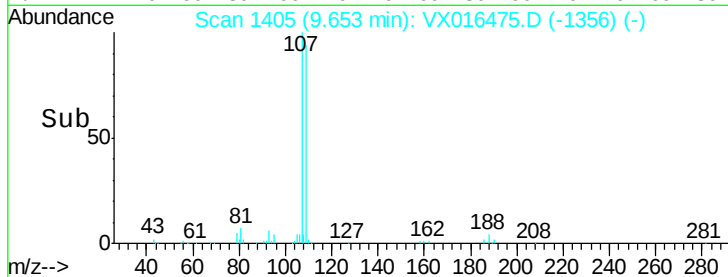
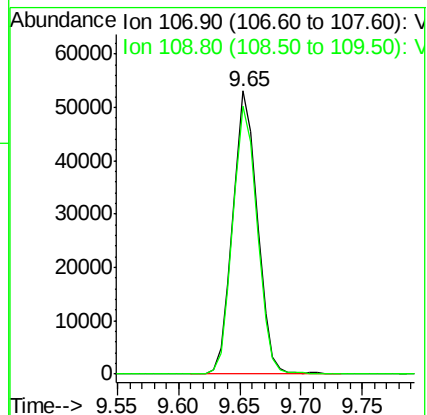
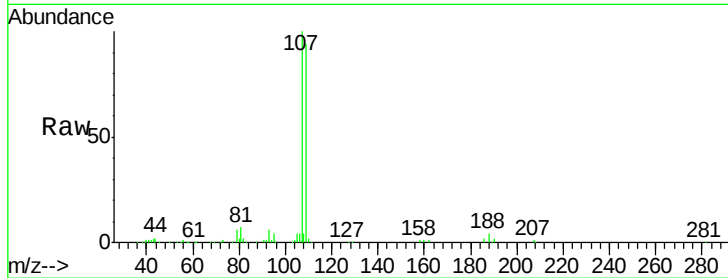
107 100

109 94.8 75.5 113.3

Manual Integrations
APPROVED

MMDadoda

5/29/2020 10:57:41 AM



#62

4-Bromofluorobenzene

Concen: 46.539 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

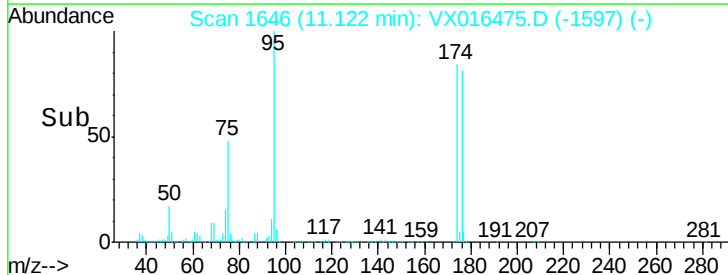
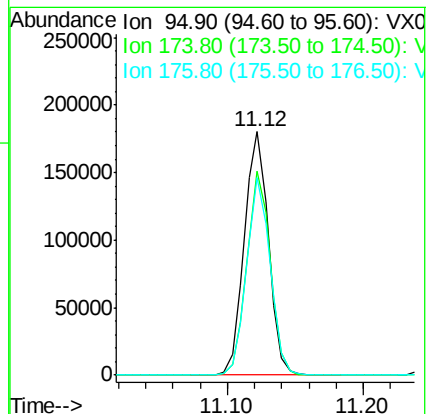
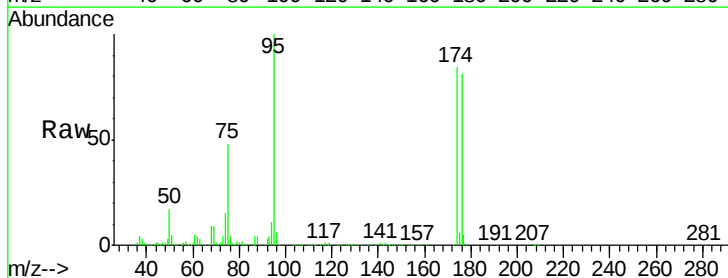
Tgt Ion: 95 Resp: 223244

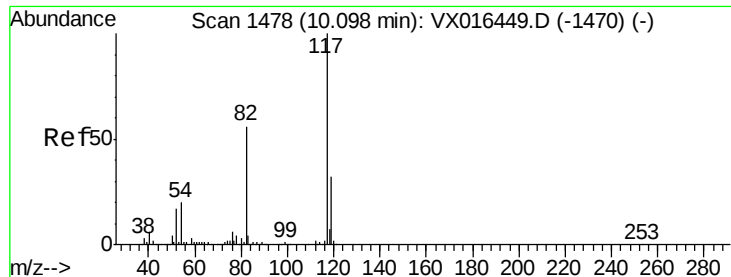
Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.0

176 79.4 0.0 156.8





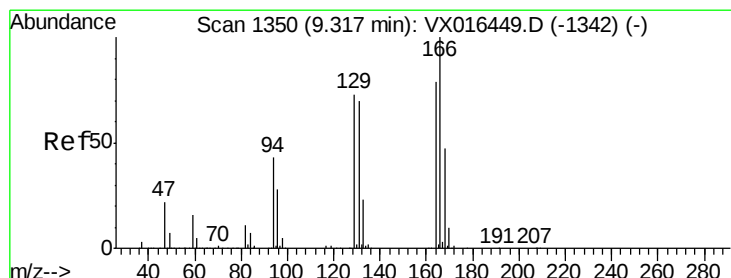
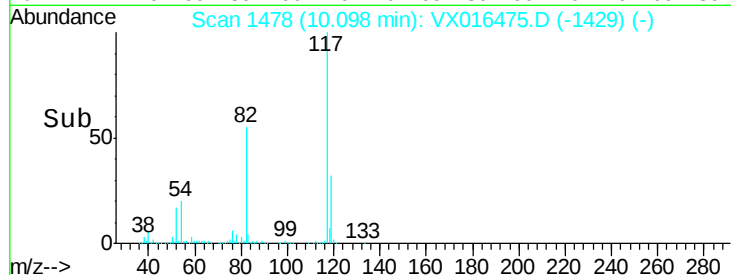
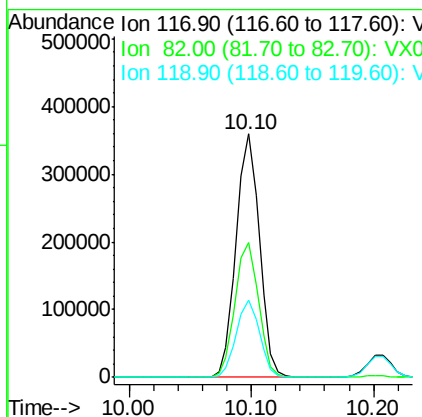
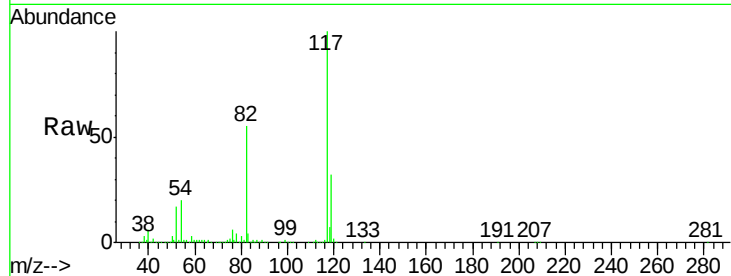
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.5	45.0	67.6
119	31.9	25.8	38.8

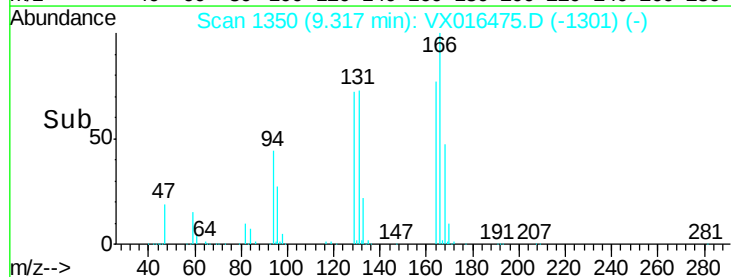
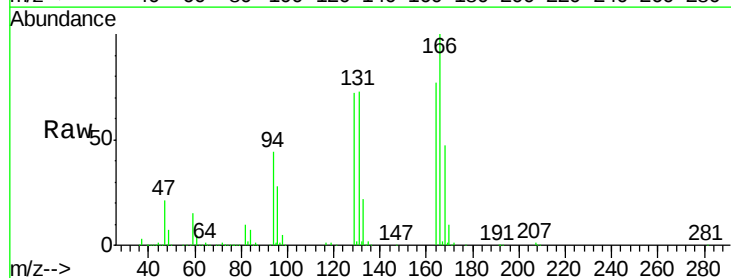
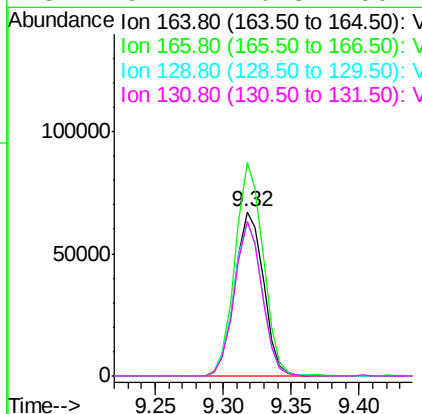
Manual Integrations
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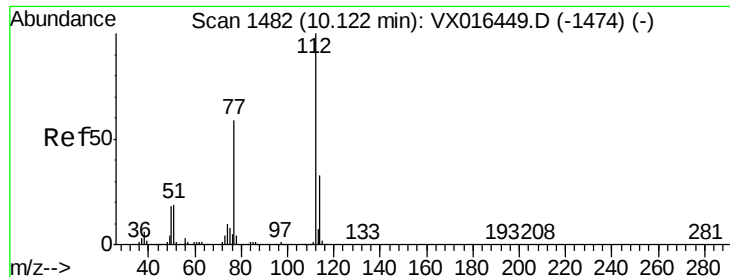
MMDadoda
5/29/2020 10:57:41 AM



#64
Tetrachloroethene
Concen: 18.578 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.9	100.9	151.3
129	93.1	73.2	109.8
131	94.2	70.8	106.2





#65

Chlorobenzene

Concen: 19.050 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion:112 Resp: 184597

Ion Ratio Lower Upper

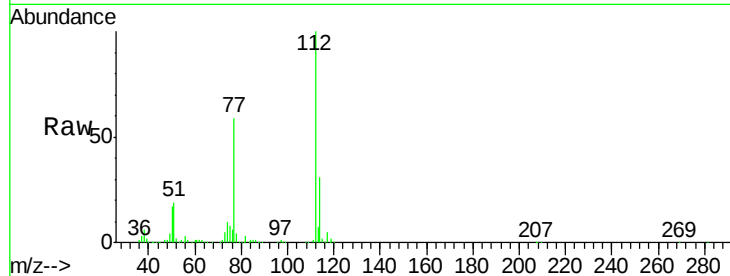
112 100

114 30.6 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

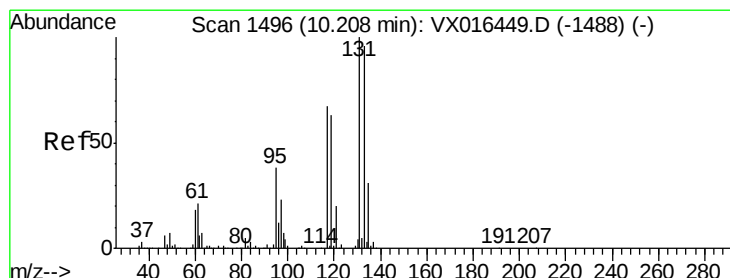
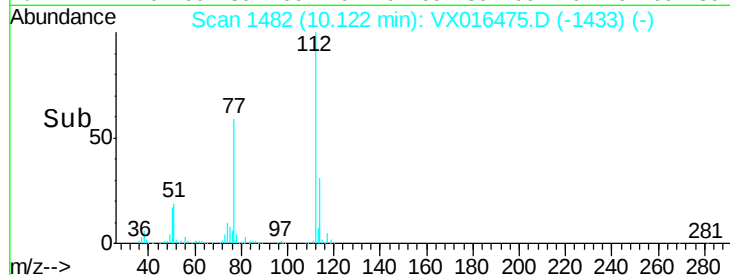
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.316 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

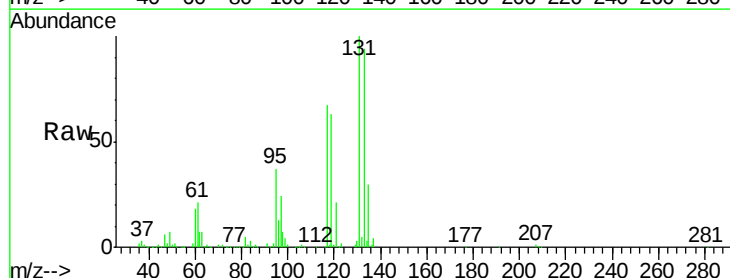
Tgt Ion:131 Resp: 67752

Ion Ratio Lower Upper

131 100

133 96.7 48.4 145.3

119 65.5 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

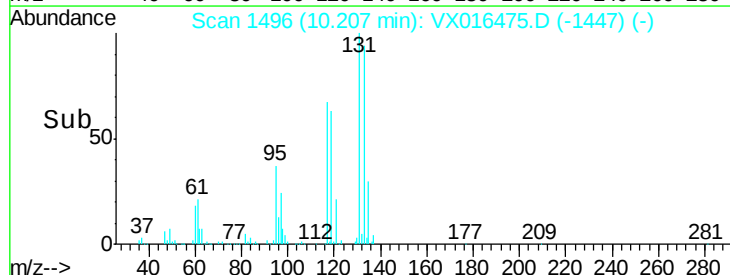
60000

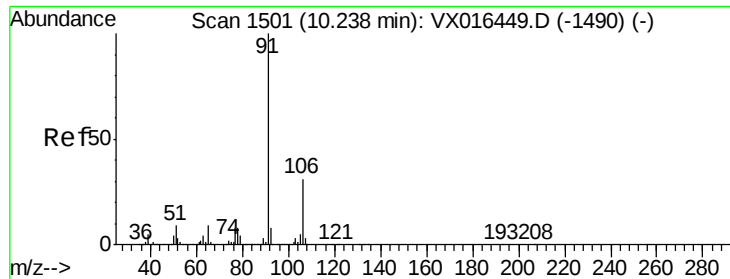
40000

20000

0

Time-->





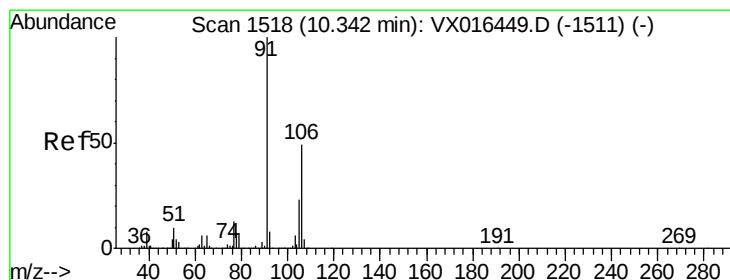
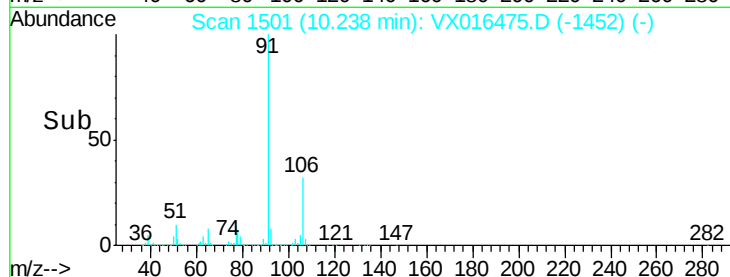
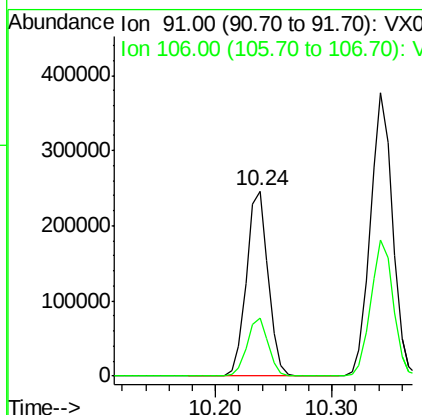
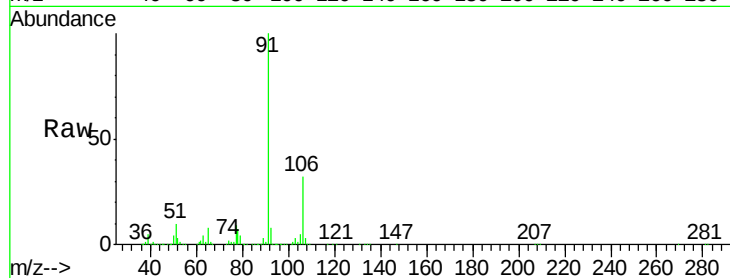
#67
Ethyl Benzene
Concen: 18.678 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion: 91 Resp: 322239
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

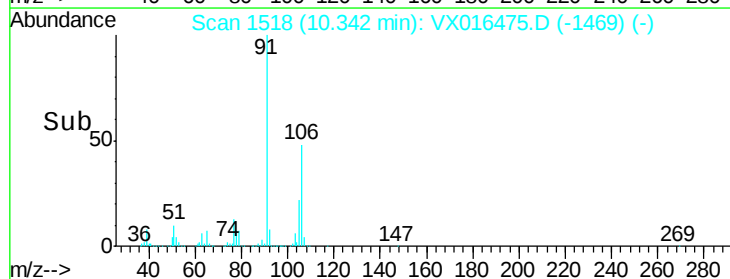
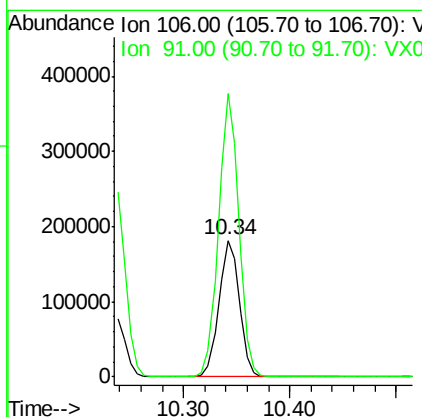
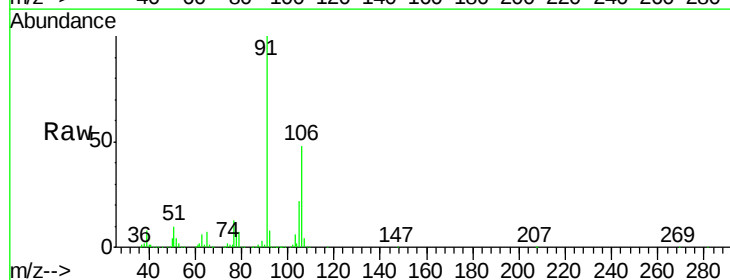
Manual Integrations
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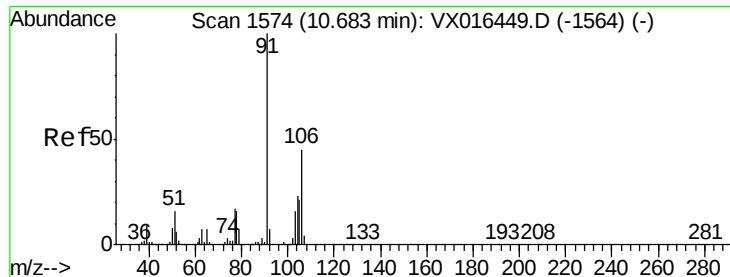
MMDadoda
5/29/2020 10:57:41 AM



#68
m/p-Xylenes
Concen: 38.027 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion: 106 Resp: 243251
Ion Ratio Lower Upper
106 100
91 204.7 163.8 245.8





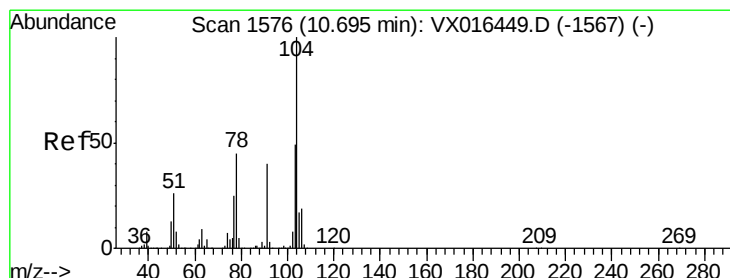
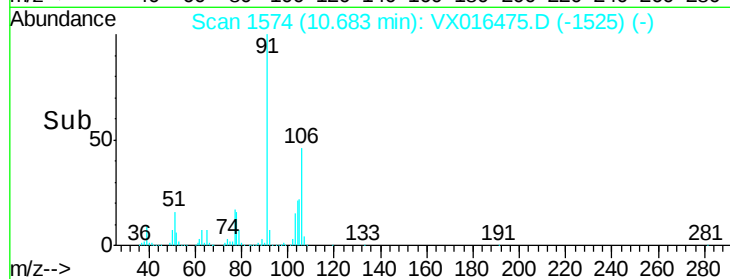
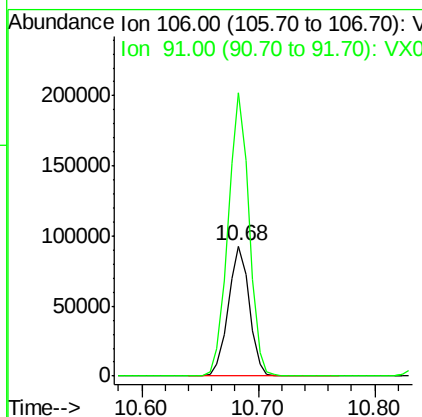
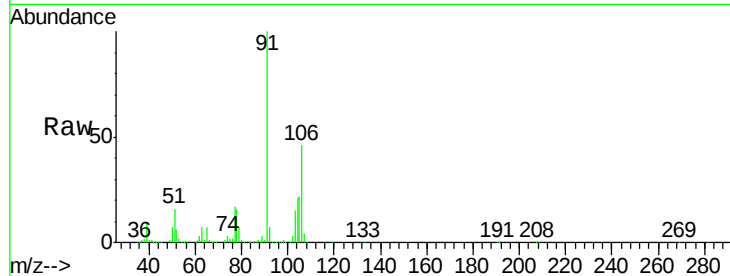
#69
o-Xylene
Concen: 18.851 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	116783		
91	91	216.4	109.6	328.8	

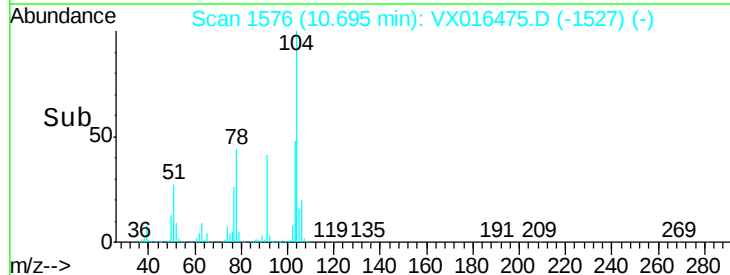
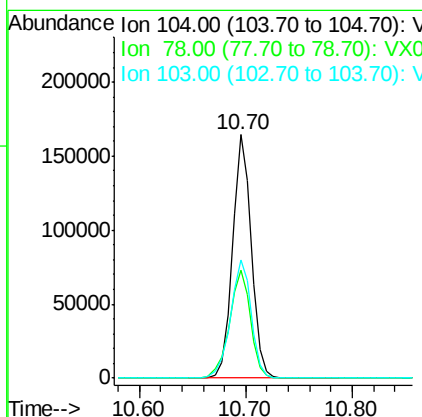
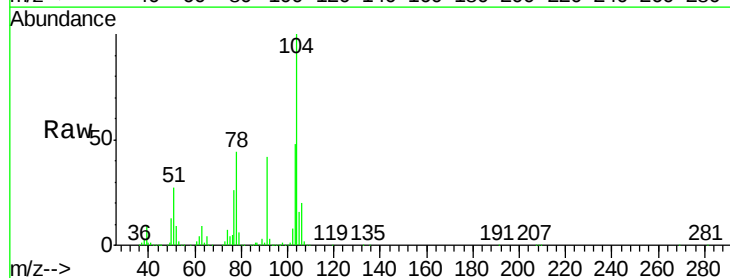
Manual Integrations
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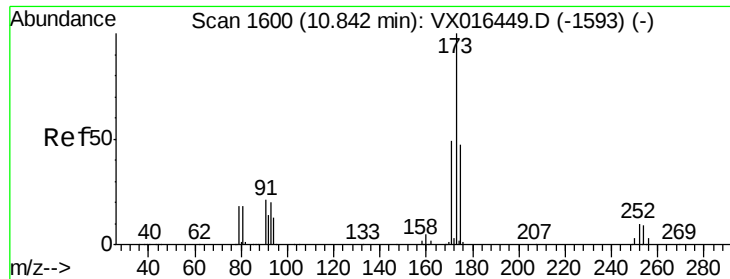
MMDadoda
5/29/2020 10:57:41 AM



#70
Styrene
Concen: 19.141 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	203822		
78	78	49.4	40.2	60.2	
103	103	53.6	43.1	64.7	





#71

Bromoform

Concen: 18.413 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion:173 Resp: 57563

Ion Ratio Lower Upper

173 100

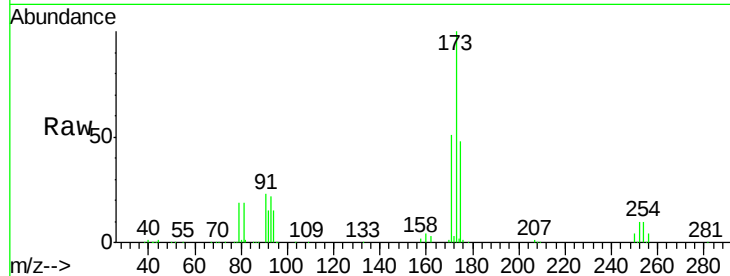
175 47.4 23.9 71.7

254 0.0 0.1 0.1#

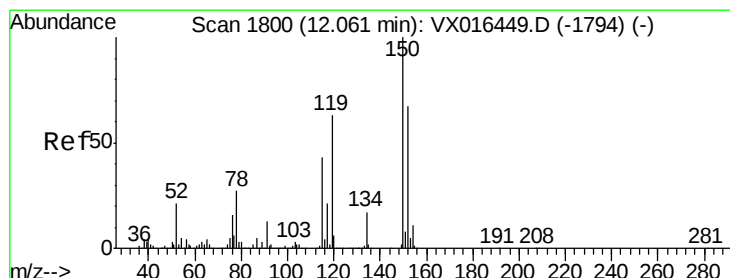
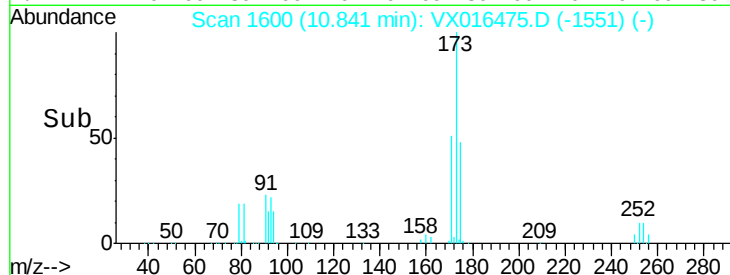
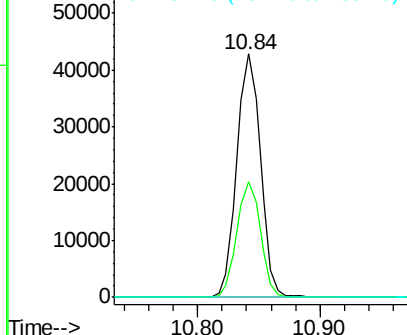
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

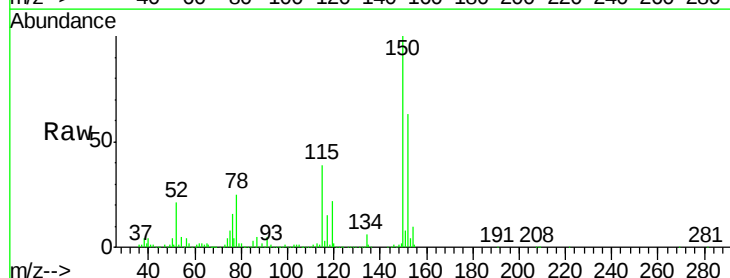
Tgt Ion:152 Resp: 225093

Ion Ratio Lower Upper

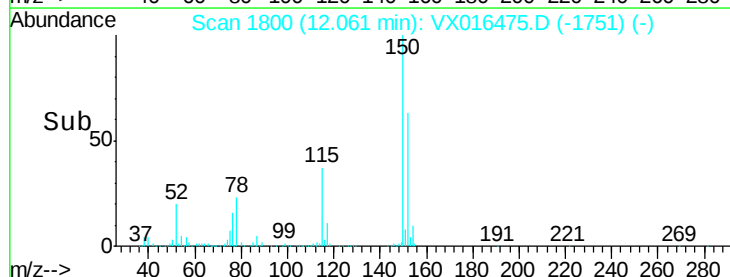
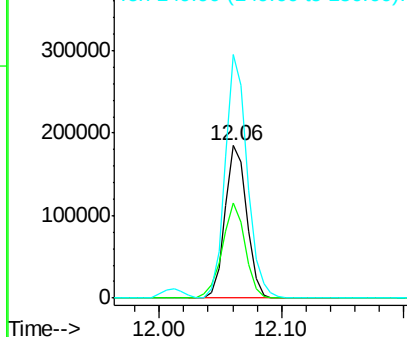
152 100

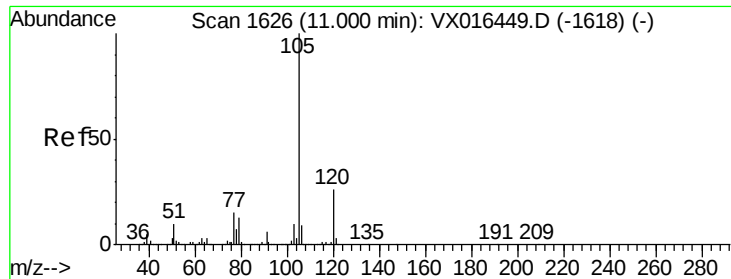
115 66.2 39.9 119.6

150 162.3 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.636 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 105 Resp: 306250

Ion Ratio Lower Upper

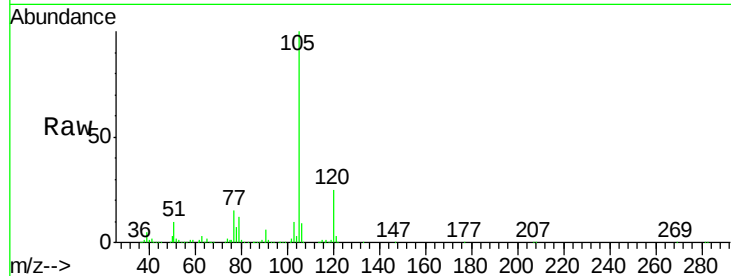
105 100

120 26.0 13.1 39.3

Manual Integrations
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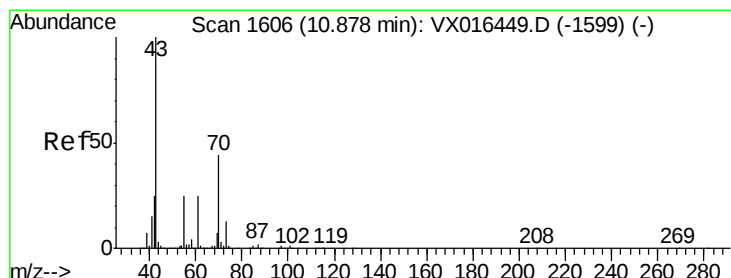
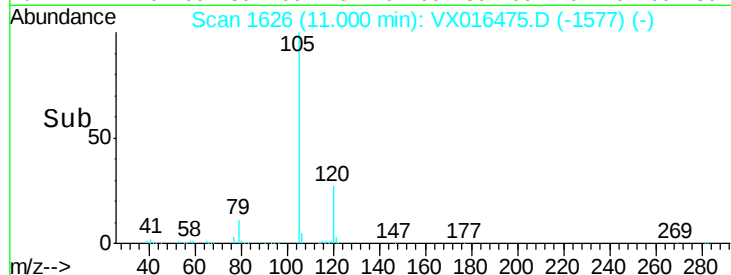
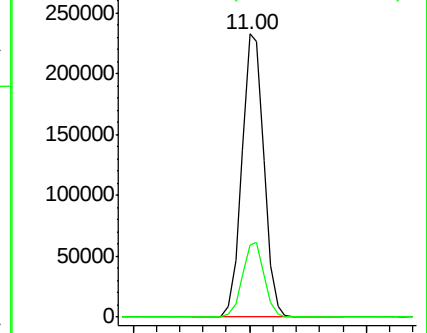
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.345 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion: 43 Resp: 145949

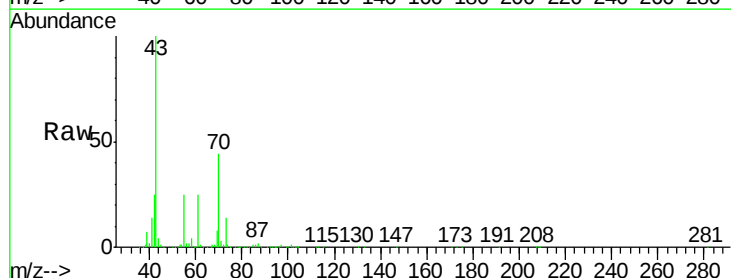
Ion Ratio Lower Upper

43 100

70 45.1 36.1 54.1

55 25.2 20.2 30.4

61 26.2 20.3 30.5

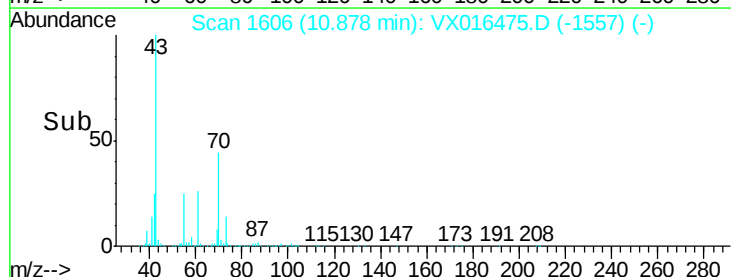
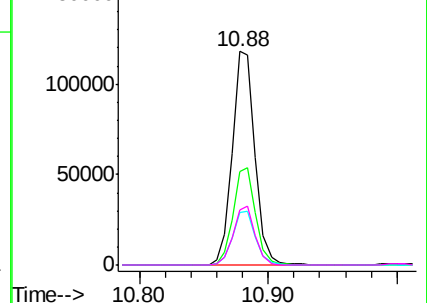


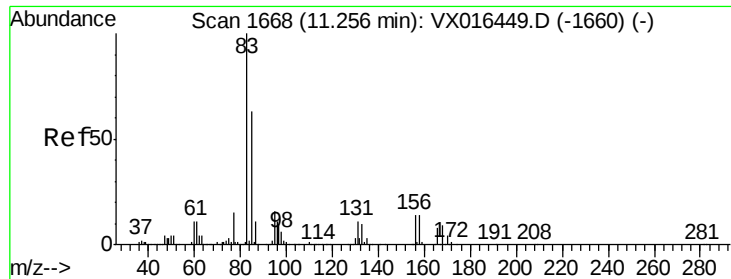
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.261 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

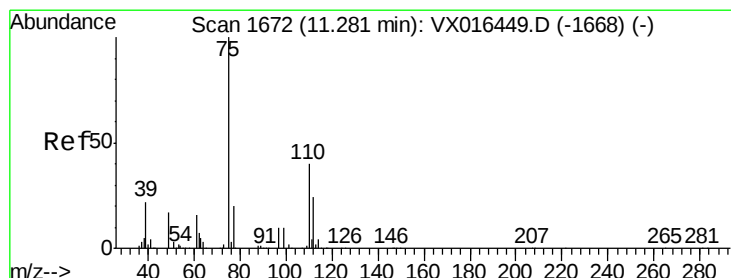
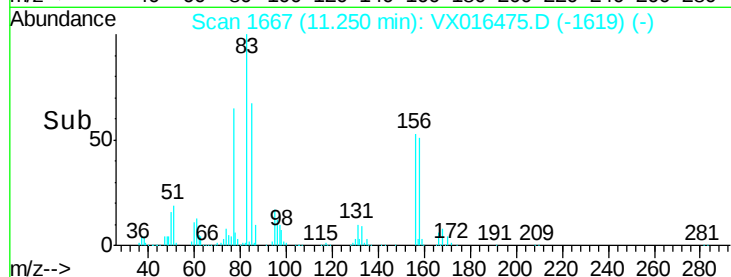
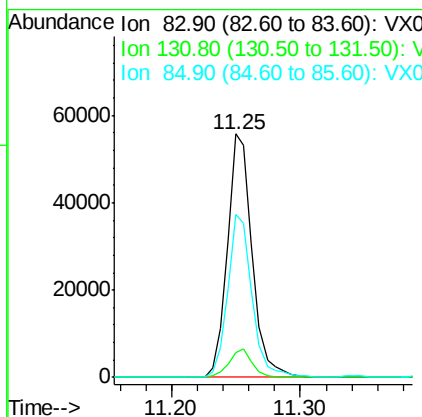
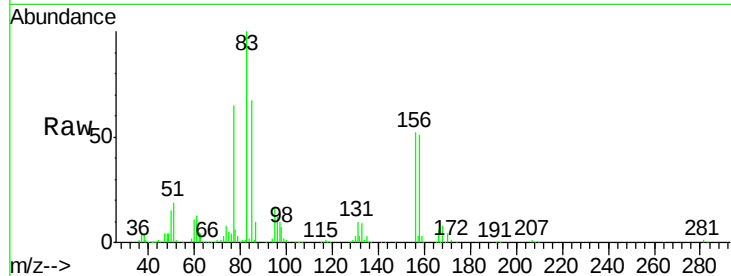
ClientSampleId :

VX0528WBS01

Tot Ion:	83	Resp:	75286
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	65.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 19.759 ug/l m

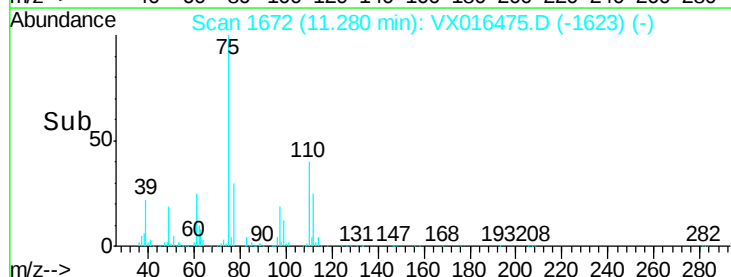
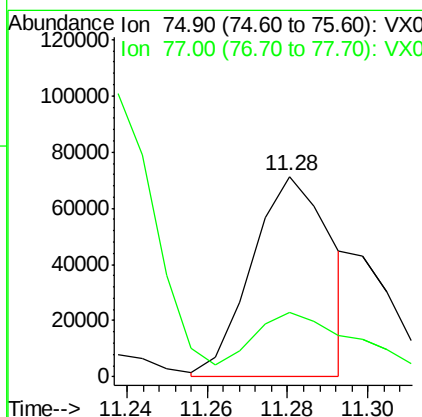
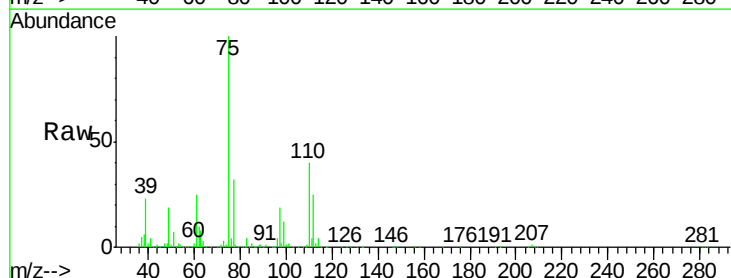
RT: 11.28 min Scan# 1672

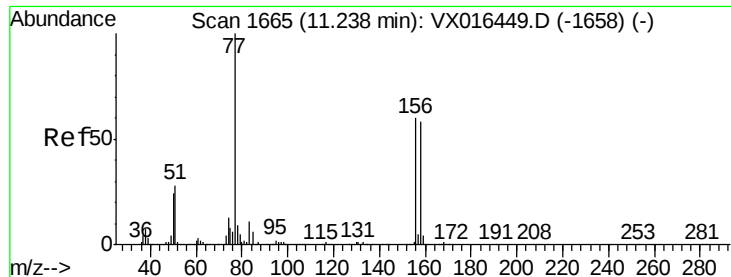
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	75	Resp:	97763
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.3	63.7





#77

Bromobenzene

Concen: 19.522 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

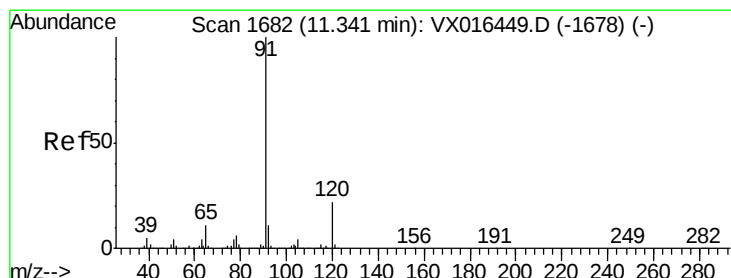
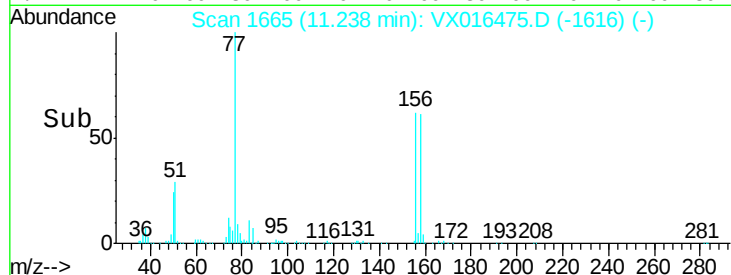
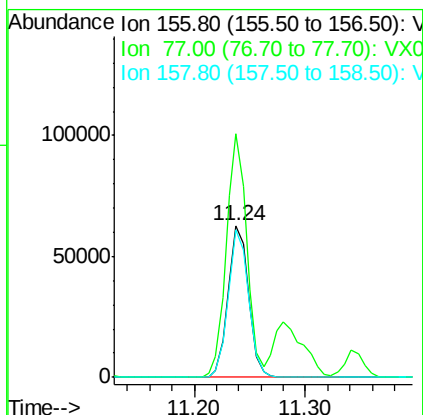
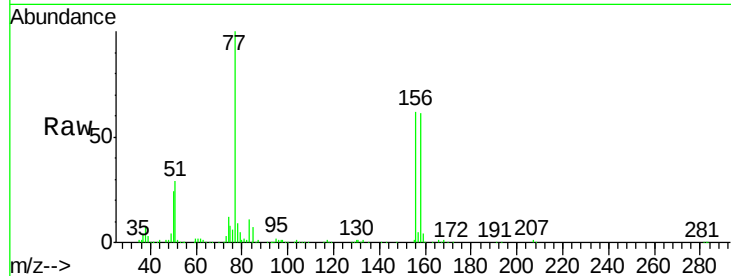
ClientSampleId :

VX0528WBS01

Tot Ion:	156	Resp:	79857
Ion Ratio	Lower	Upper	
156	100		
77	159.9	79.6	238.8
158	96.5	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.366 ug/l

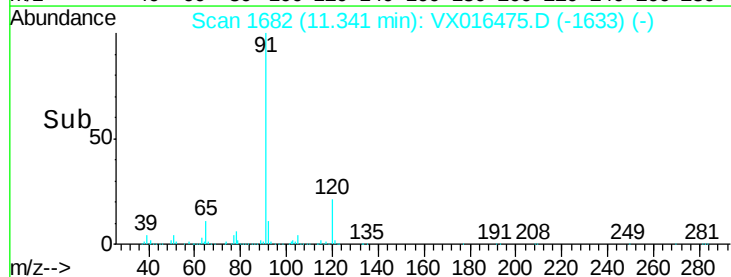
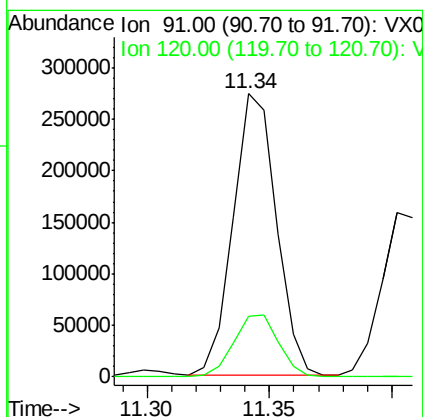
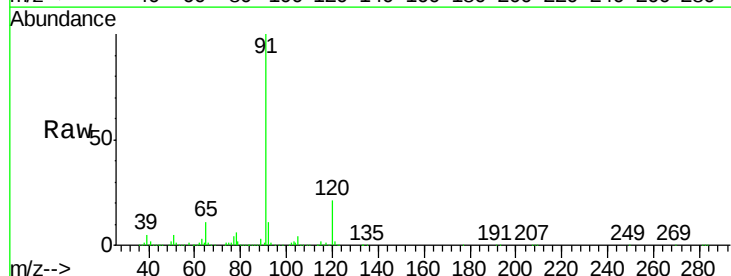
RT: 11.34 min Scan# 1682

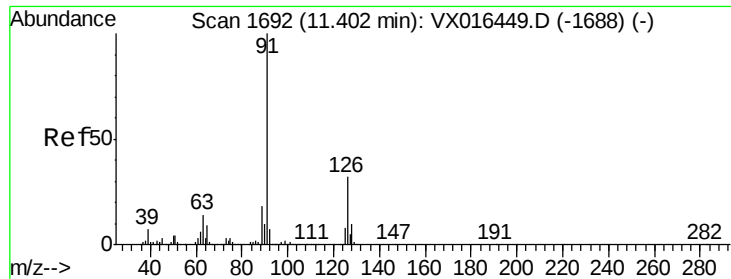
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	91	Resp:	337440
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.6	34.7





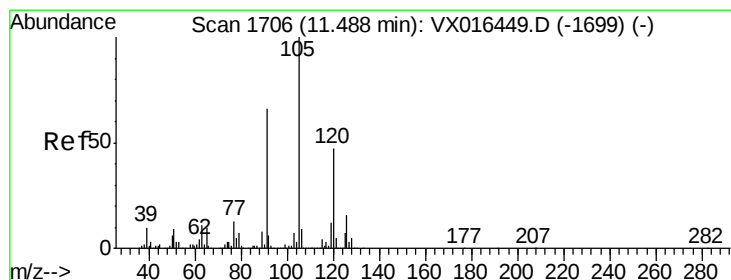
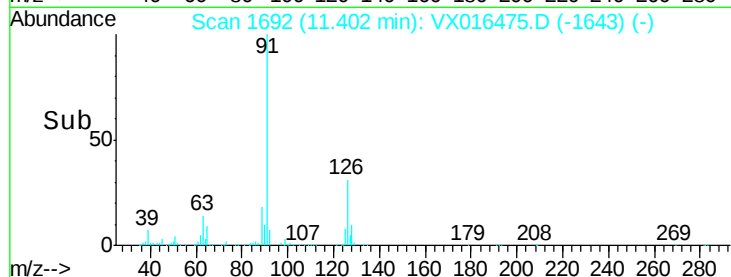
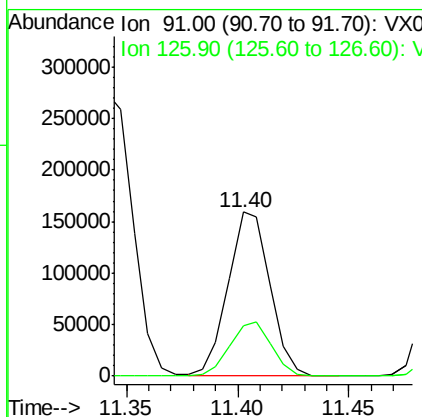
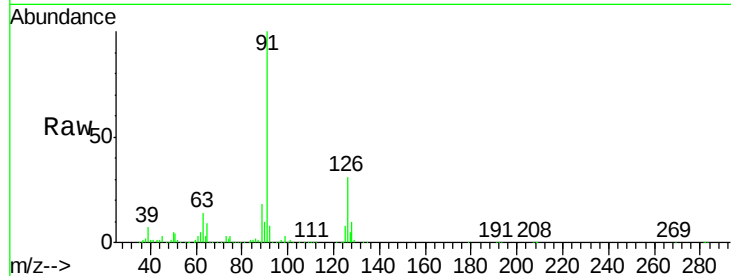
#79
2-Chlorotoluene
Concen: 19.567 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.8	50.3

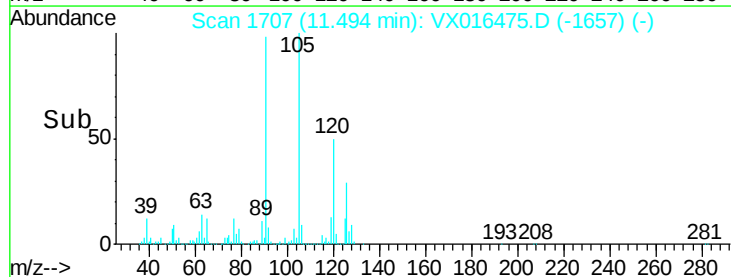
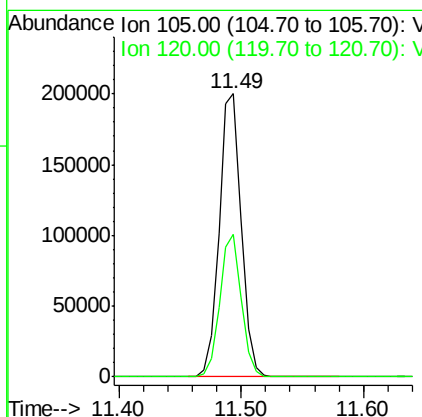
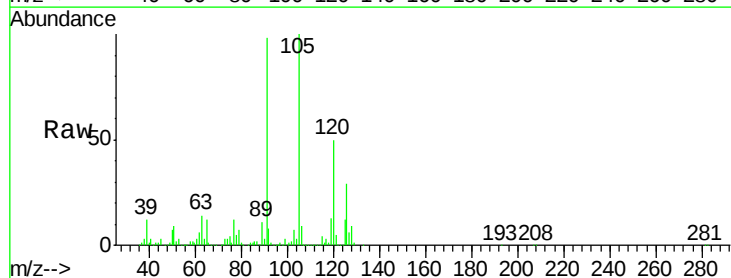
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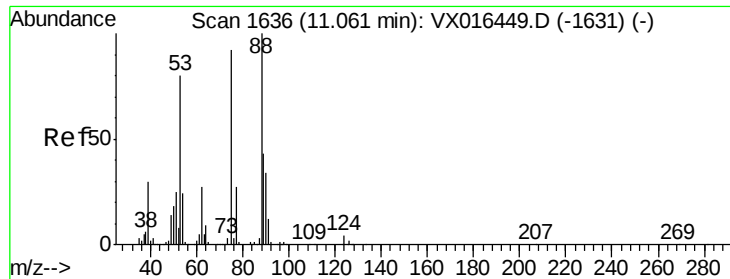
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.203 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.3	72.8





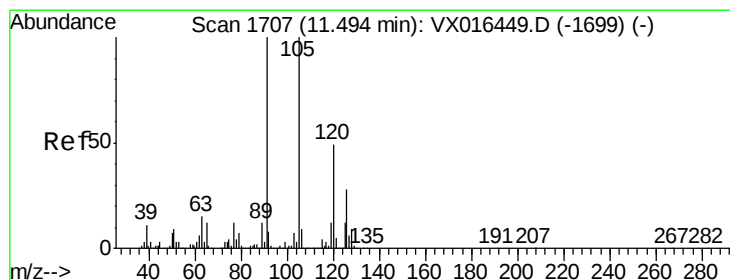
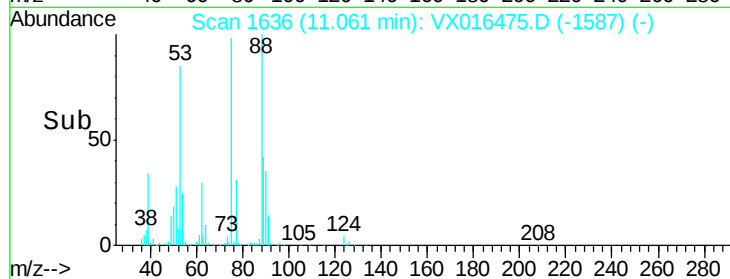
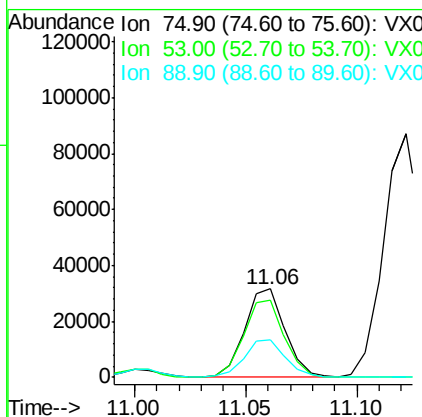
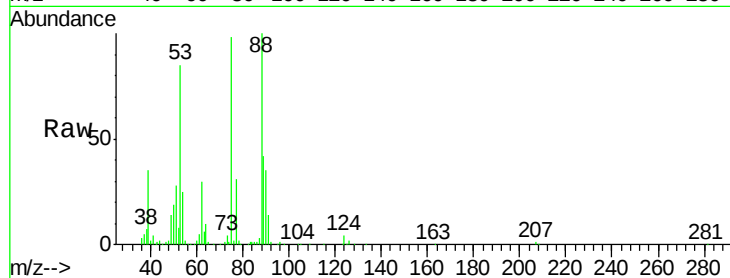
#81
trans-1,4-Dichloro-2-butene
Concen: 19.563 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	71.3	106.9
89	44.7	36.6	55.0

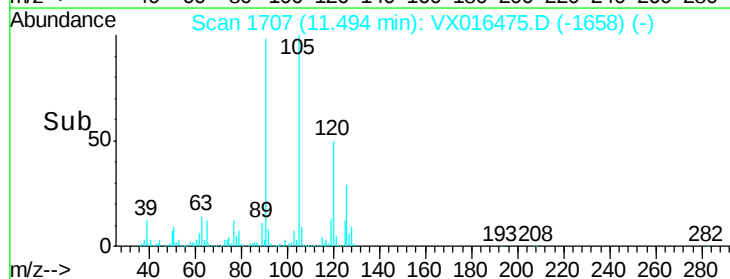
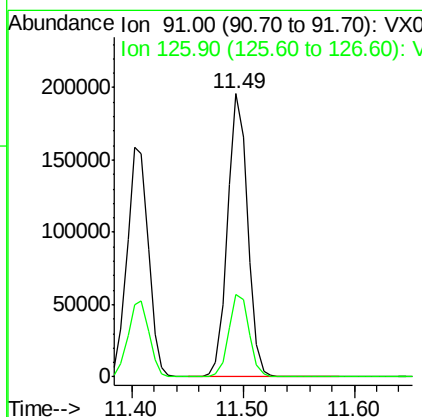
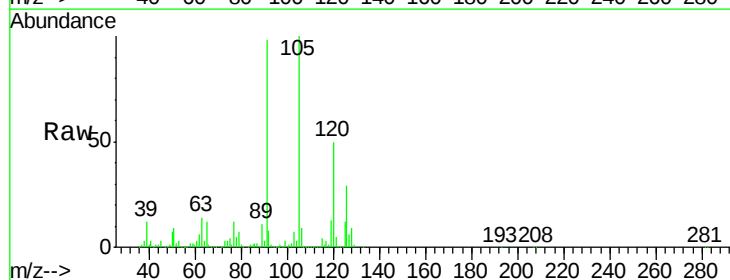
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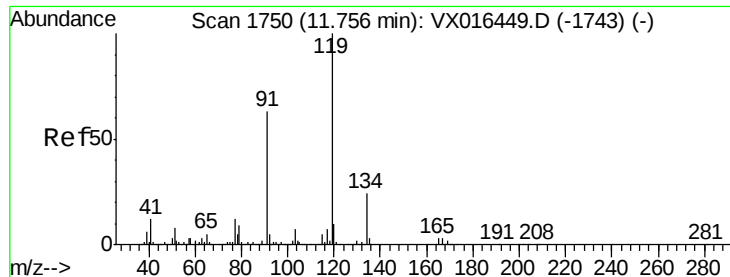
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5/29/2020 10:57:41 AM



#82
4-Chlorotoluene
Concen: 19.367 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





#83

tert-Butylbenzene

Concen: 19.078 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

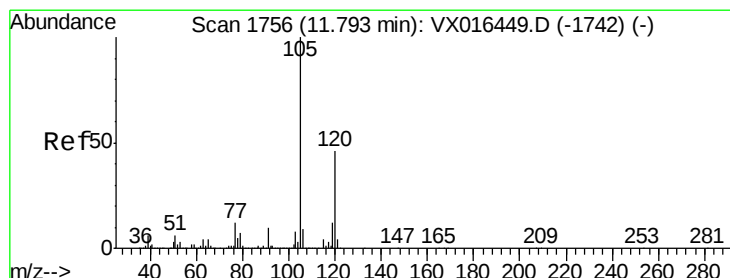
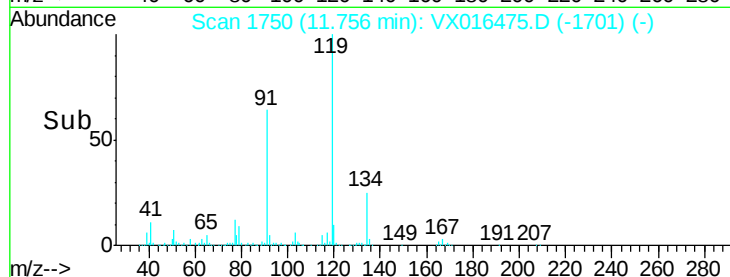
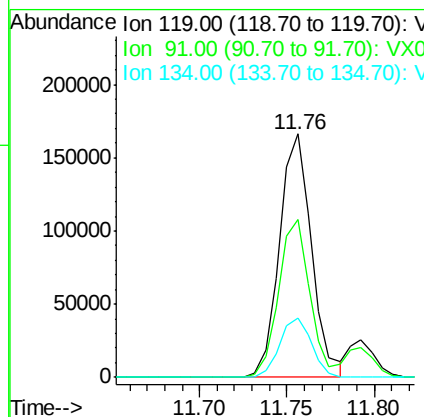
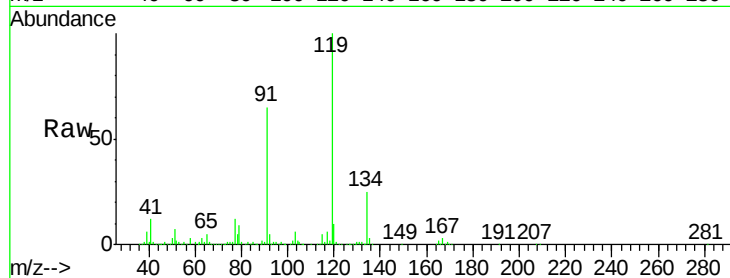
ClientSampleId :

VX0528WBS01

Tot Ion:	119	Resp:	212287
Ion Ratio	Lower	Upper	
119	100		
91	62.7	31.3	93.8
134	24.5	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 18.994 ug/l

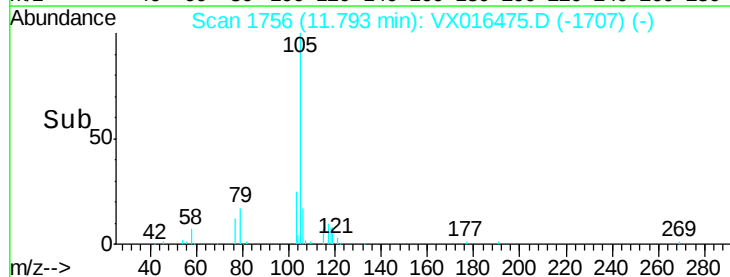
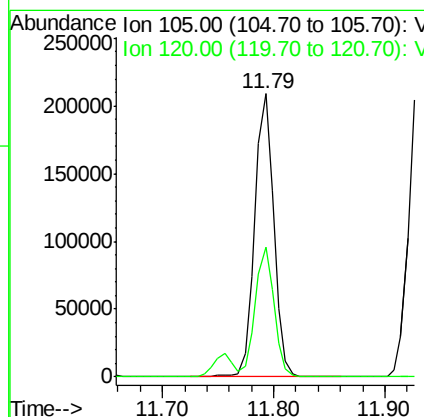
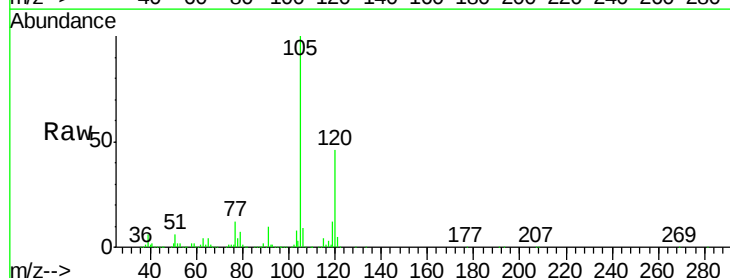
RT: 11.79 min Scan# 1756

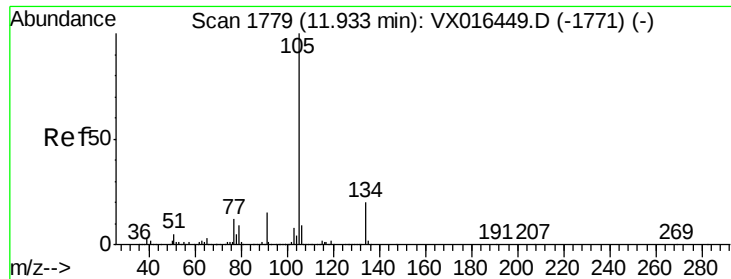
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	105	Resp:	250153
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.386 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion:105 Resp: 270604

Ion Ratio Lower Upper

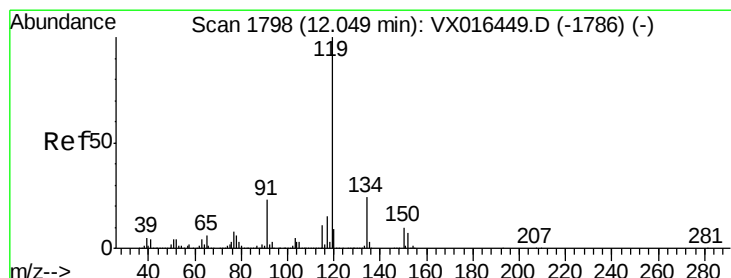
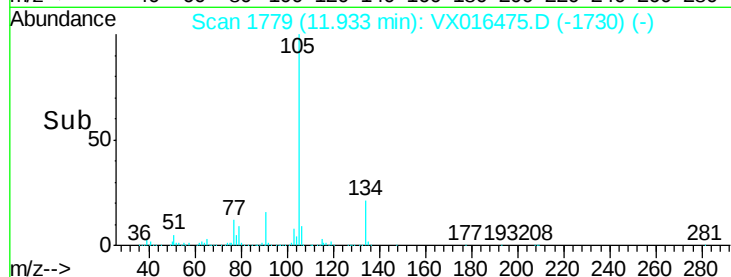
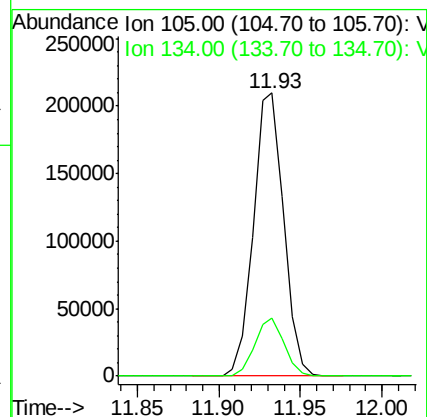
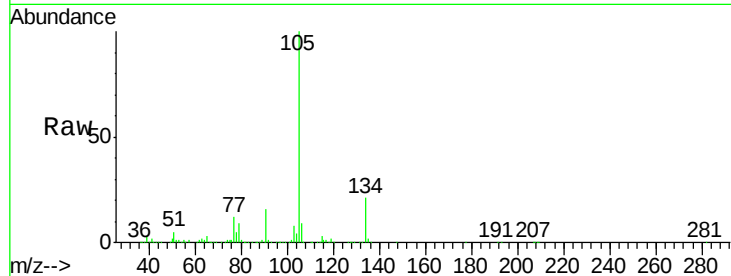
105 100

134 19.9 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 19.415 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

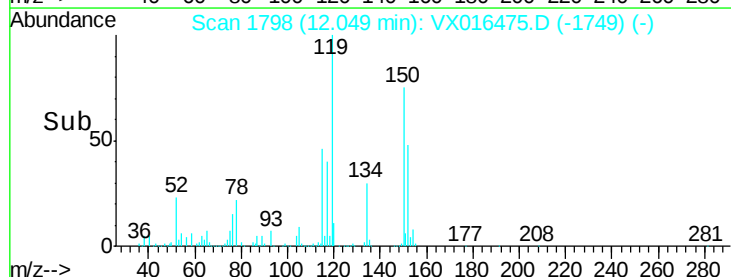
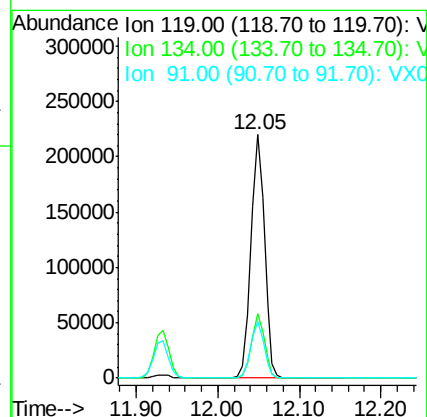
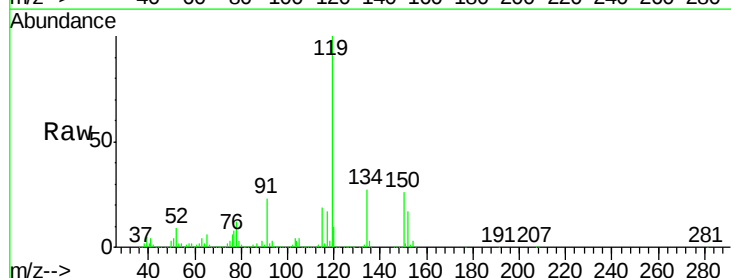
Tgt Ion:119 Resp: 253868

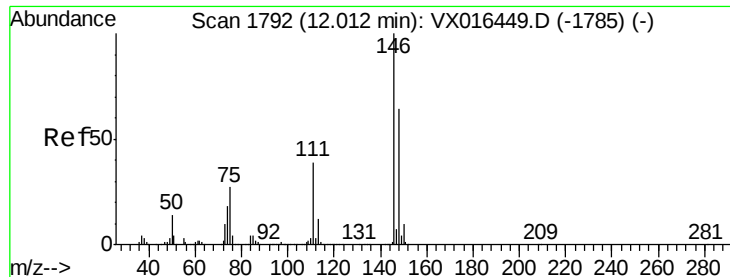
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.976 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

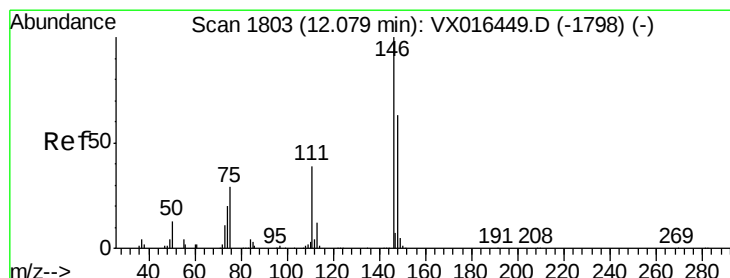
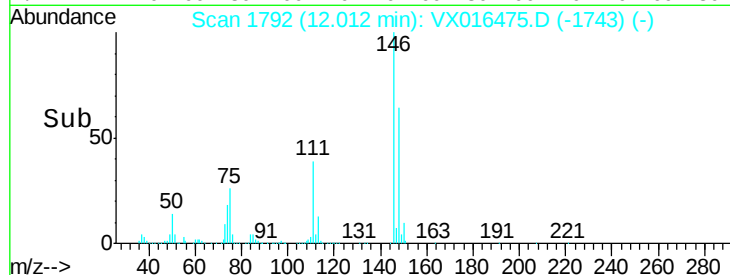
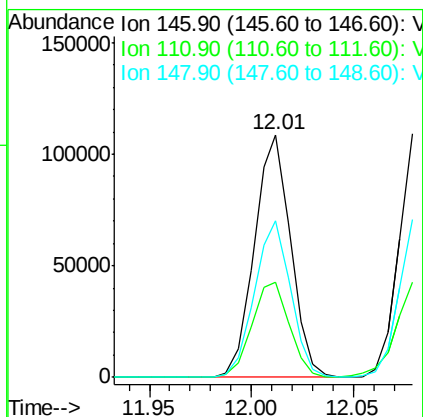
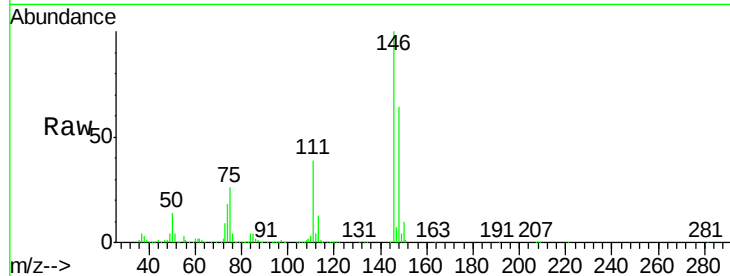
ClientSampleId :

VX0528WBS01

Tot Ion:	146	Resp:	134478
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.0	60.0
148	64.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 19.029 ug/l

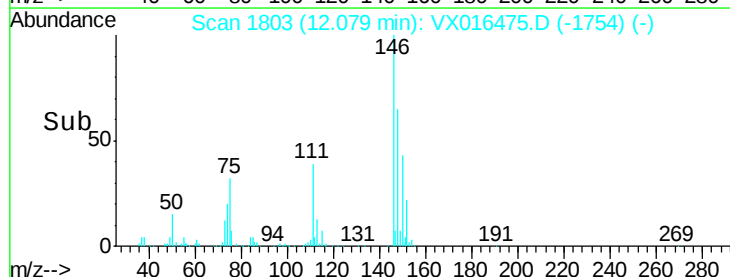
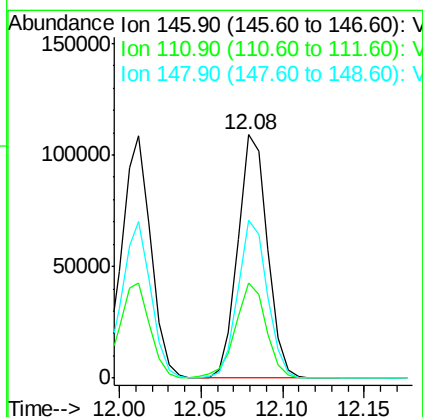
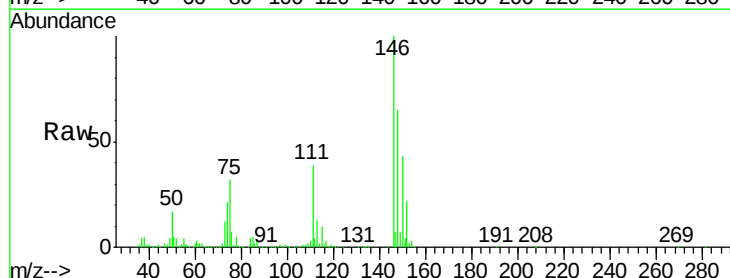
RT: 12.08 min Scan# 1803

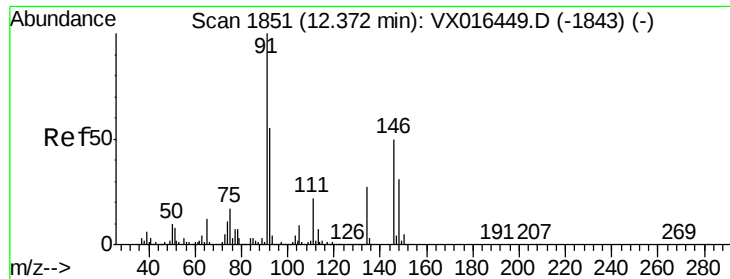
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion:	146	Resp:	137927
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.4	58.2
148	64.5	31.4	94.3





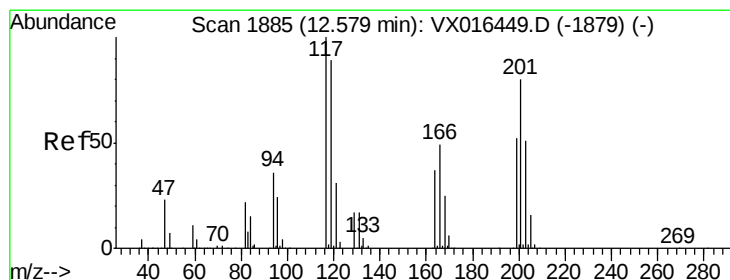
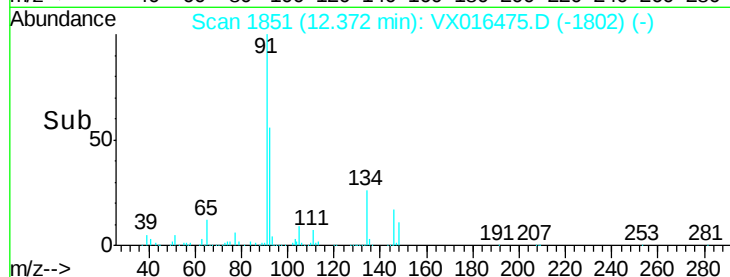
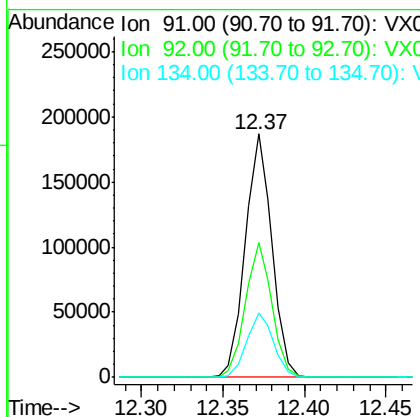
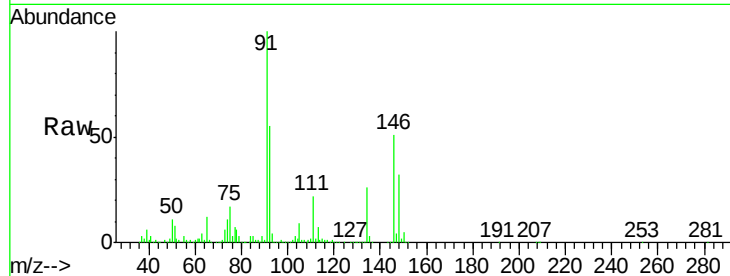
#89
n-Butylbenzene
Concen: 19.594 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	213404		
92	54.4	27.2	81.5	
134	26.4	13.1	39.3	

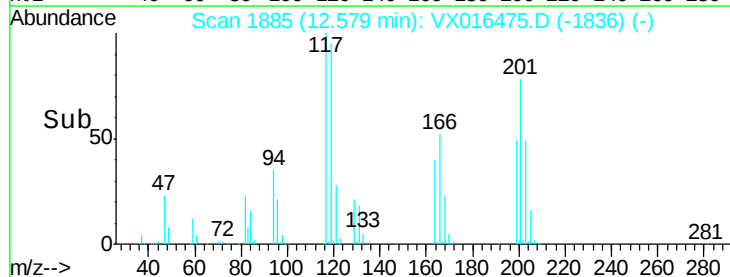
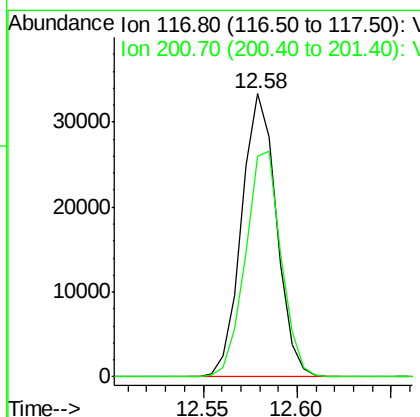
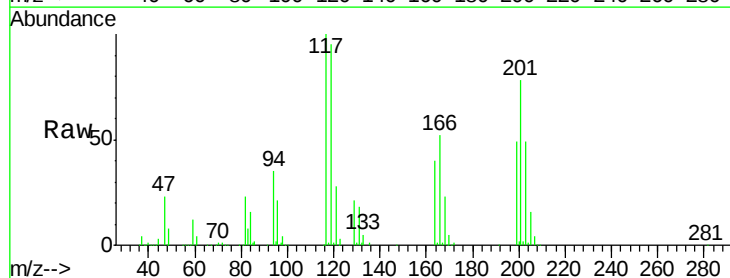
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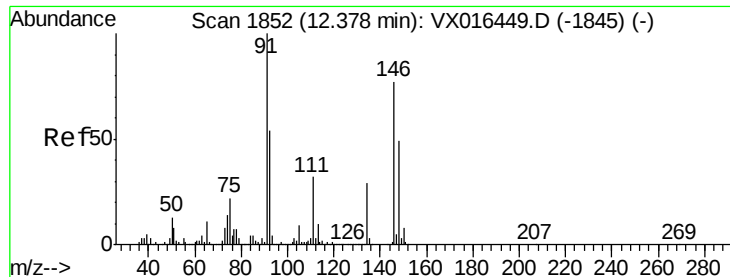
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#90
Hexachloroethane
Concen: 18.919 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42730		
201	81.4	43.1	129.3	





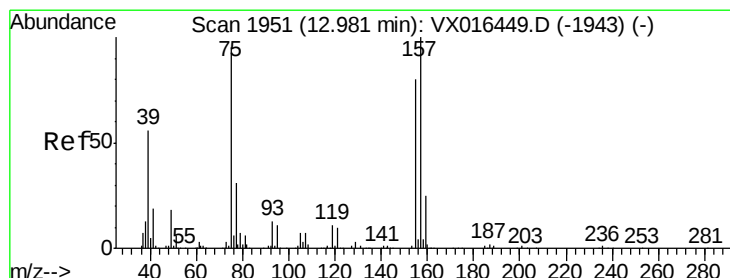
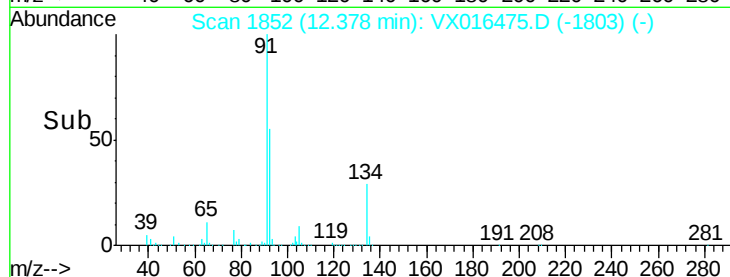
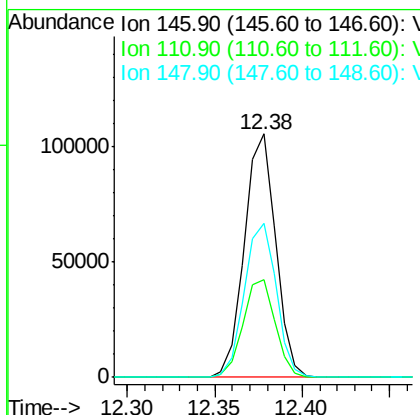
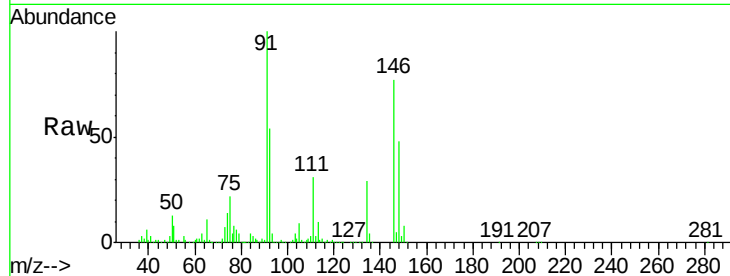
#91
 1,2-Dichlorobenzene
 Concen: 19.203 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	131850		
111	41.7	21.4	64.3	
148	65.0	31.9	95.7	

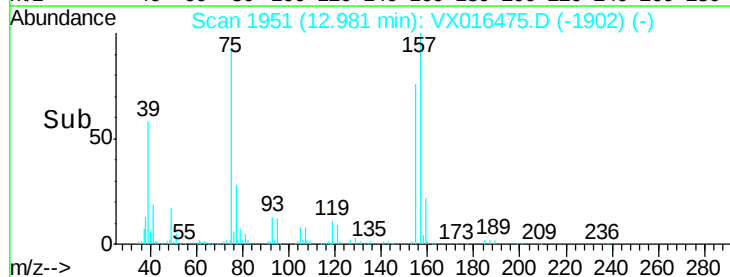
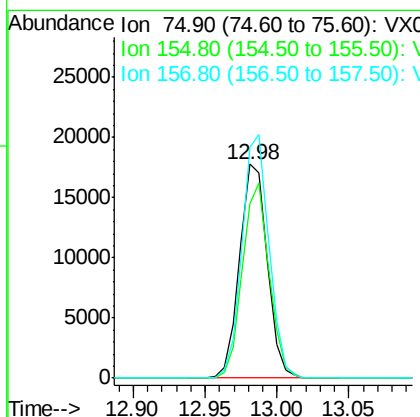
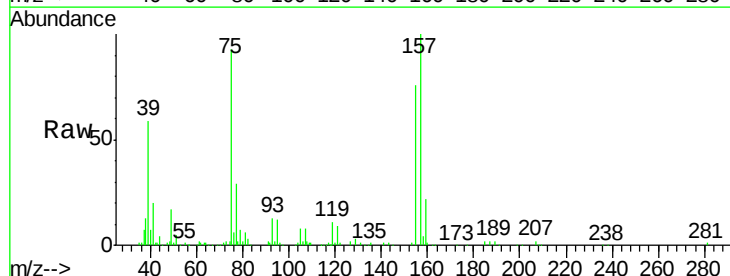
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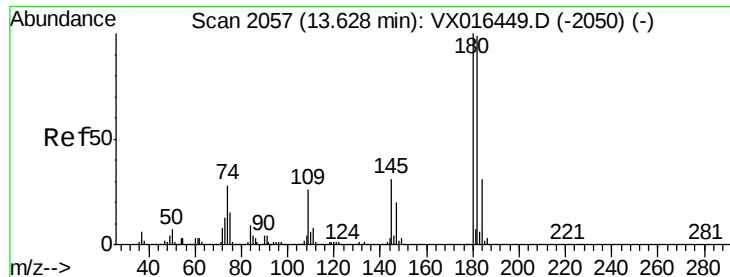
MMDadoda
 5/29/2020 10:57:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.715 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23695		
155	87.9	44.1	132.4	
157	110.0	57.8	173.3	





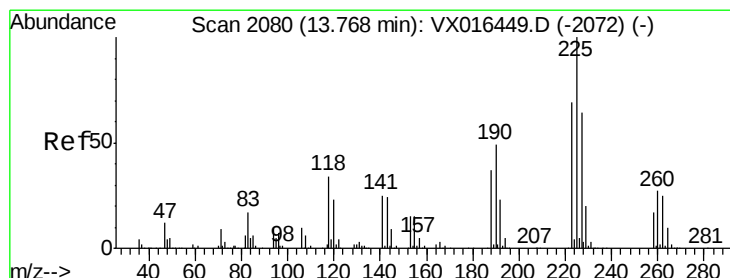
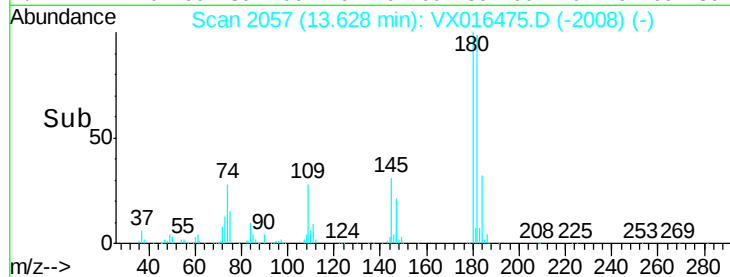
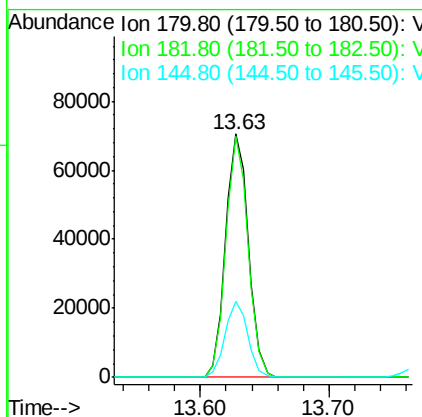
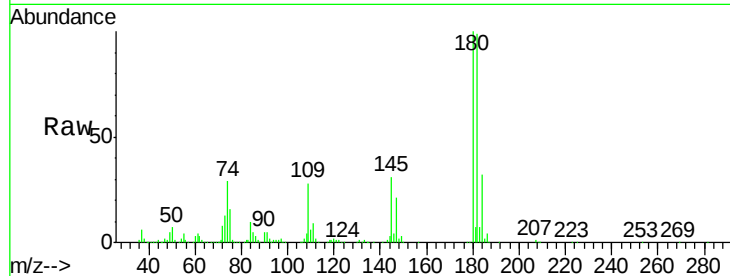
#93
1,2,4-Trichlorobenzene
Concen: 19.329 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	88141		
182	96.3	48.3	144.8	
145	31.0	15.4	46.2	

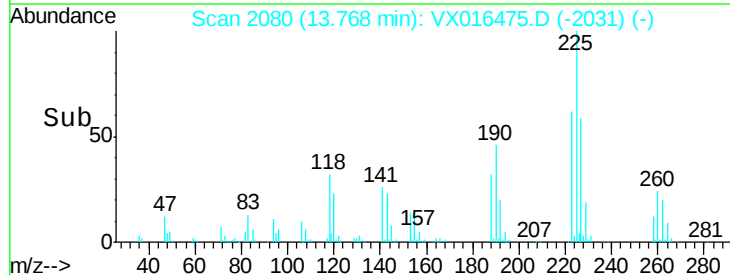
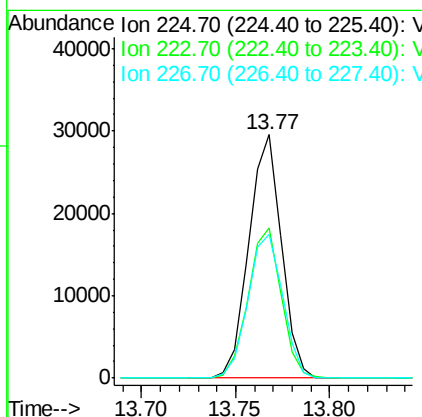
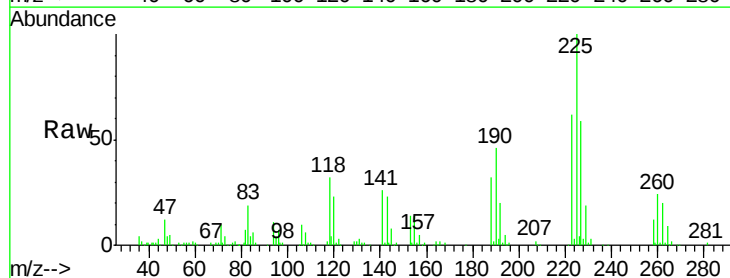
Manual Integrations
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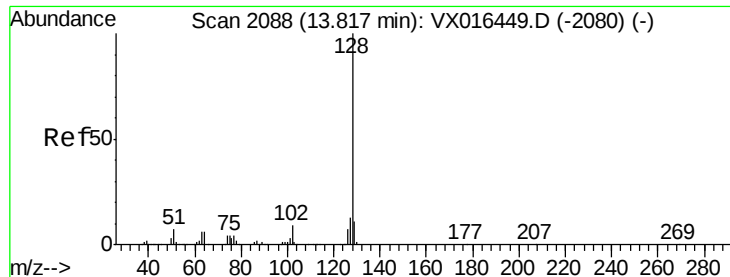
MMDadoda
5/29/2020 10:57:41 AM



#94
Hexachlorobutadiene
Concen: 19.813 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35472		
223	62.6	32.3	96.8	
227	62.6	31.6	94.7	





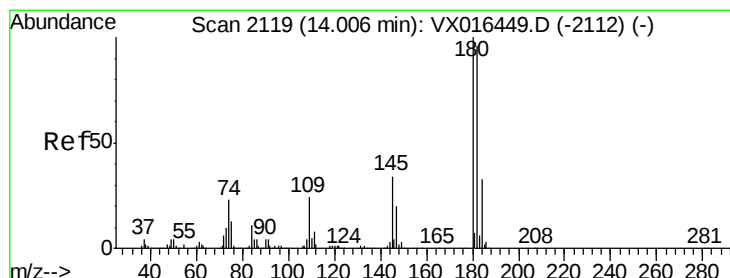
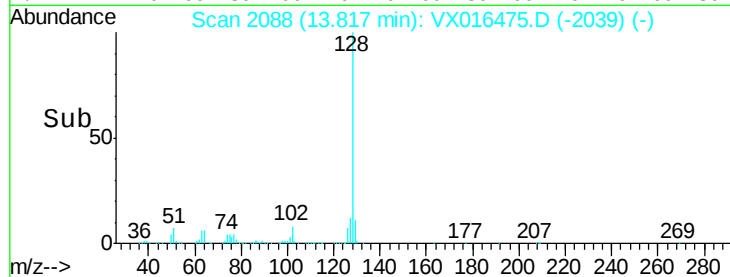
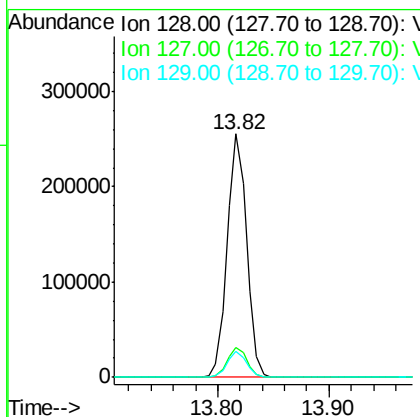
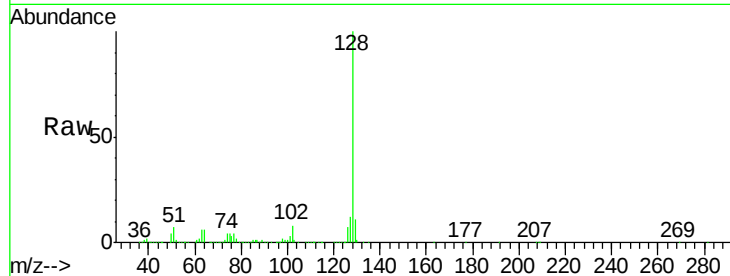
#95
Naphthalene
Concen: 19.727 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	308381		
127	12.4	10.6	15.8	
129	10.7	8.6	13.0	

Manual Integrations
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5/29/2020 10:57:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.767 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88306		
182	91.9	48.6	145.8	
145	32.3	16.6	49.8	

