

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016902.D
 Acq On : 20 Jun 2020 02:51
 Operator : JC/SP
 Sample : VX0619WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:35 PM

Quant Time: Jun 22 06:43:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	278762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	157324	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.46	113	152668	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.70	98	513990	39.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.66%	
62) 4-Bromofluorobenzene	11.12	95	221232	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	67908	19.850	ug/l	98
3) Chloromethane	1.31	50	63435	18.287	ug/l	98
4) Vinyl Chloride	1.39	62	84469	21.606	ug/l	99
5) Bromomethane	1.63	94	50247	21.345	ug/l	97
6) Chloroethane	1.71	64	48300	20.059	ug/l	99
7) Trichlorofluoromethane	1.92	101	105433	19.277	ug/l	97
8) Diethyl Ether	2.17	74	42746	20.102	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50369	17.290	ug/l	99
10) Methyl Iodide	2.50	142	41839	15.086	ug/l	98
11) Tert butyl alcohol	3.01	59	58522	103.257	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55338	18.576	ug/l	99
13) Acrolein	2.27	56	39358	114.538	ug/l	96
14) Allyl chloride	2.71	41	78211	19.849	ug/l	97
15) Acrylonitrile	3.12	53	134493	103.553	ug/l	99
16) Acetone	2.42	43	113099	92.928	ug/l	98
17) Carbon Disulfide	2.55	76	137599	17.873	ug/l	100
18) Methyl Acetate	2.75	43	67209	21.717	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	172711	20.344	ug/l	98
20) Methylene Chloride	2.84	84	56423	19.332	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55623	19.781	ug/l	98
22) Diisopropyl ether	3.82	45	159762	21.162	ug/l	98
23) Vinyl Acetate	3.78	43	649365	104.310	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96517	20.467	ug/l	99
25) 2-Butanone	4.63	43	220108	131.409	ug/l	98
26) 2,2-Dichloropropane	4.55	77	72442	16.396	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	68122	21.554	ug/l	98
28) Bromochloromethane	4.98	49	49427	25.253	ug/l	93
29) Tetrahydrofuran	5.09	42	124649	118.162	ug/l	97
30) Chloroform	5.18	83	119644	24.031	ug/l	100
31) Cyclohexane	5.55	56	96103	23.180	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	104286	22.131	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75446	16.207	ug/l	99
37) Ethyl Acetate	4.79	43	76549	18.611	ug/l	98
38) Carbon Tetrachloride	5.76	117	81251	15.556	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84429	15.598	ug/l	97
40) Benzene	6.11	78	223146	15.975	ug/l	98
41) Methacrylonitrile	5.01	41	43934	19.675	ug/l	96
42) 1,2-Dichloroethane	6.17	62	77240	15.540	ug/l	99
43) Isopropyl Acetate	6.41	43	125866	17.524	ug/l	100
44) Trichloroethene	7.19	130	68281	15.962	ug/l	95
45) 1,2-Dichloropropane	7.49	63	58603	16.689	ug/l	99
46) Dibromomethane	7.64	93	43280	18.175	ug/l	99
47) Bromodichloromethane	7.87	83	82208	16.232	ug/l	97
48) Methyl methacrylate	7.74	41	57580	17.024	ug/l	99
49) 1,4-Dioxane	7.71	88	27780	366.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	354598	82.082	ug/l	100
52) Toluene	8.77	92	142555	15.384	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	85607	15.375	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	97429	16.357	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	57736	16.503	ug/l	99
56) Ethyl methacrylate	9.16	69	85817	16.944	ug/l	99
57) 1,3-Dichloropropane	9.35	76	121239	20.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	217547	92.312	ug/l	98
59) 2-Hexanone	9.47	43	324681	103.784	ug/l	99
60) Dibromochloromethane	9.57	129	78030	18.592	ug/l	100
61) 1,2-Dibromoethane	9.65	107	71681	18.880	ug/l	100
64) Tetrachloroethene	9.32	164	83542	21.956	ug/l	95
65) Chlorobenzene	10.12	112	169062	20.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	64206	19.911	ug/l	99
67) Ethyl Benzene	10.24	91	283343	20.183	ug/l	100
68) m/p-Xylenes	10.34	106	222236	40.681	ug/l	99
69) o-Xylene	10.68	106	118532	23.466	ug/l	98
70) Styrene	10.69	104	202962	23.648	ug/l	99
71) Bromoform	10.84	173	55647	20.525	ug/l #	98
73) Isopropylbenzene	11.00	105	292679	21.955	ug/l	99
74) N-amyl acetate	10.88	43	113726	24.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82928	22.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80895m	21.393	ug/l	
77) Bromobenzene	11.24	156	79895	21.975	ug/l	98
78) n-propylbenzene	11.34	91	311561	20.942	ug/l	100
79) 2-Chlorotoluene	11.40	91	187561	20.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224544	19.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	32531	21.067	ug/l	99
82) 4-Chlorotoluene	11.49	91	216997	19.871	ug/l	99
83) tert-Butylbenzene	11.76	119	211234	18.561	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229084	19.335	ug/l	98
85) sec-Butylbenzene	11.93	105	247584	18.732	ug/l	99
86) p-Isopropyltoluene	12.05	119	230457	19.031	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	129317	19.469	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	129525	19.282	ug/l	97
89) n-Butylbenzene	12.37	91	185199	17.834	ug/l	99
90) Hexachloroethane	12.58	117	41635	19.086	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	123296	19.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19514	21.864	ug/l	97

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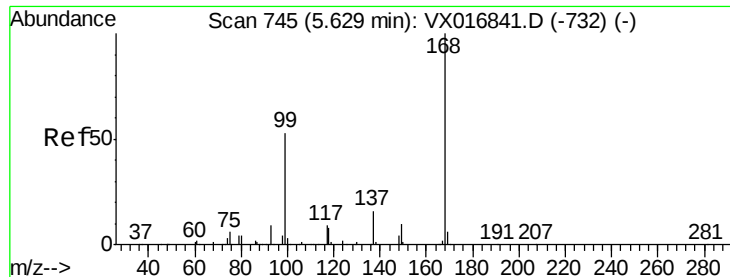
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84334	19.586	ug/l	99
94) Hexachlorobutadiene	13.77	225	32366	16.658	ug/l	98
95) Naphthalene	13.82	128	269221	21.297	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83704	19.493	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion:168 Resp: 278762

Ion Ratio Lower Upper

168 100

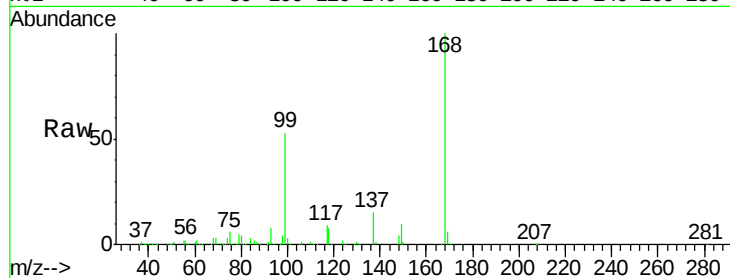
99 53.0 42.2 63.2

Manual Integrations

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6/22/2020 12:22:35 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

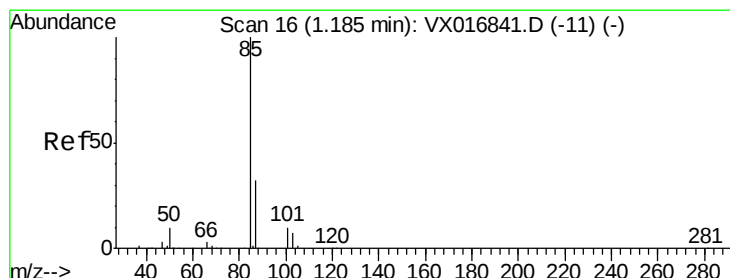
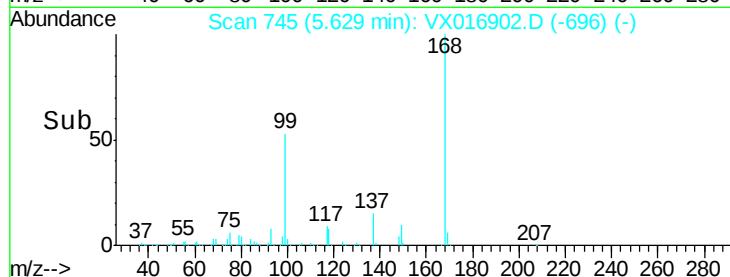
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.850 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016902.D

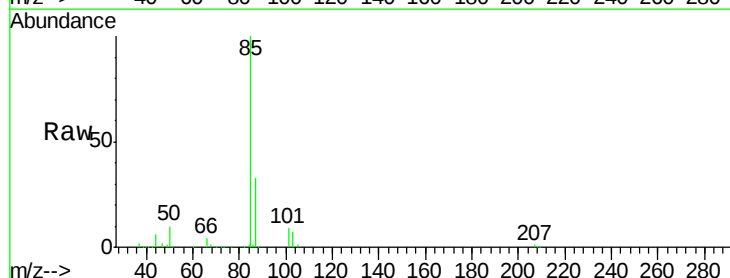
Acq: 20 Jun 2020 02:51

Tgt Ion: 85 Resp: 67908

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

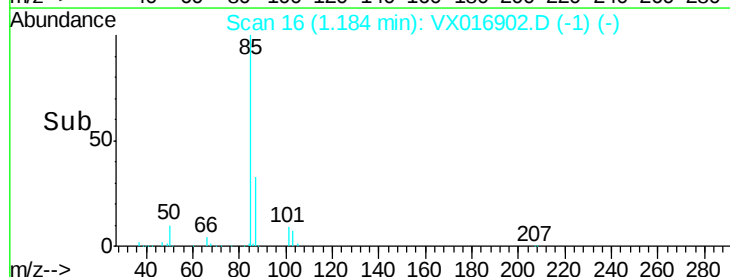
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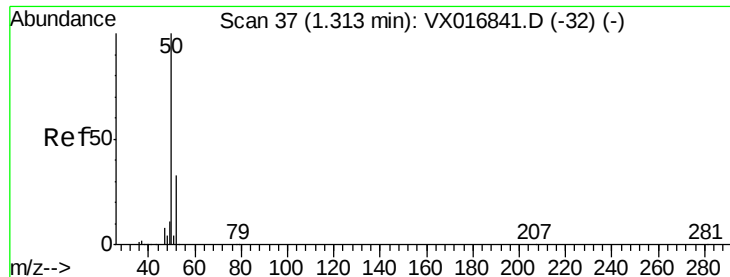
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.287 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 50 Resp: 63435

Ion Ratio Lower Upper

50 100

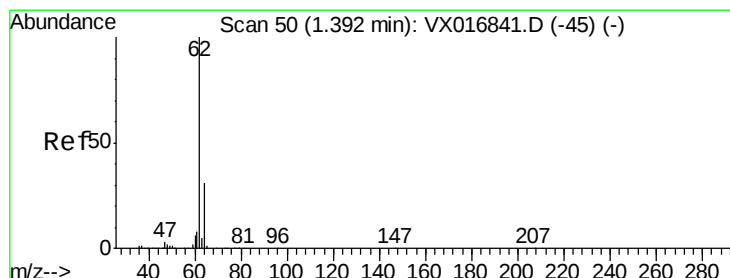
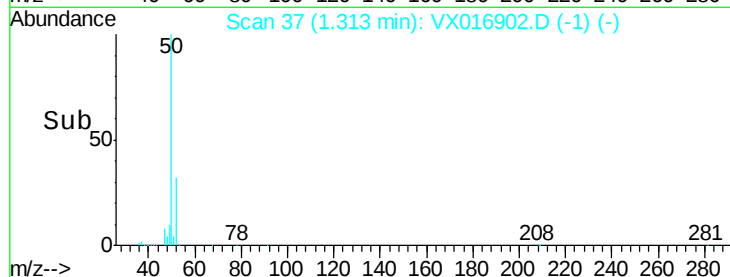
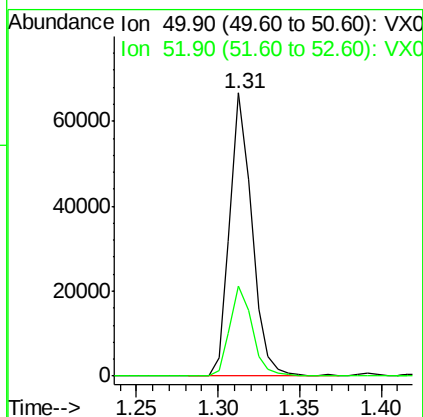
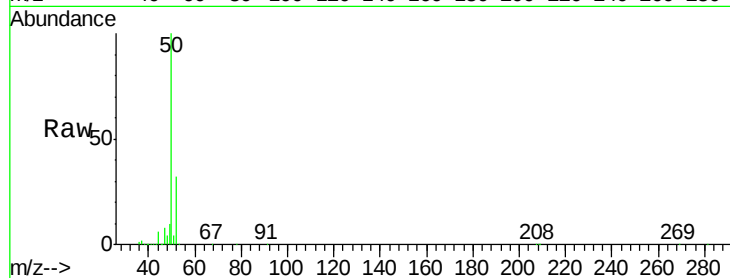
52 31.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.606 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016902.D

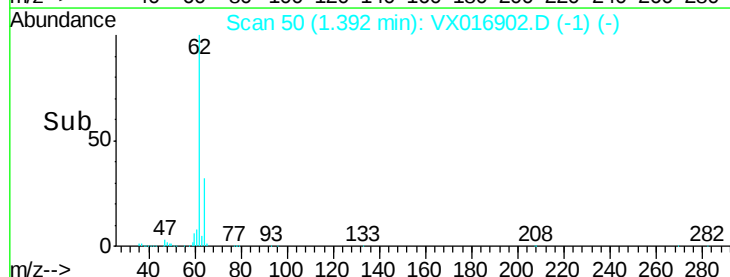
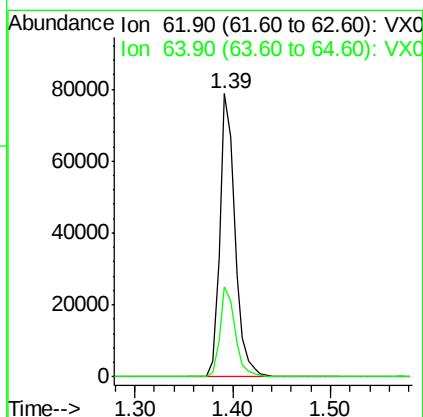
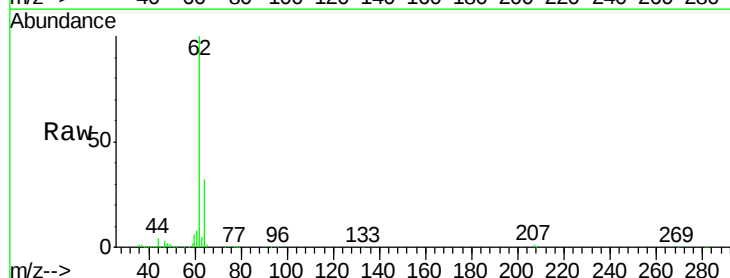
Acq: 20 Jun 2020 02:51

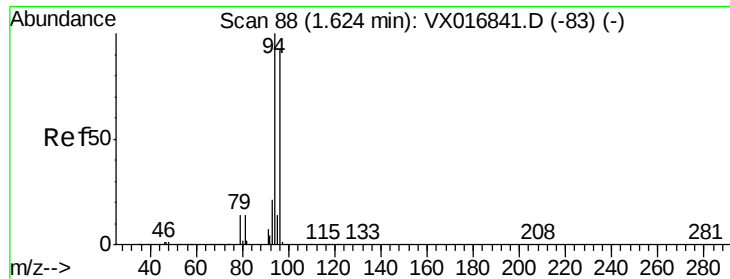
Tgt Ion: 62 Resp: 84469

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 21.345 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 94 Resp: 50247

Ion Ratio Lower Upper

94 100

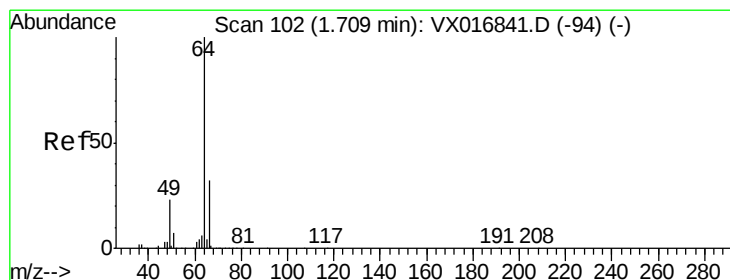
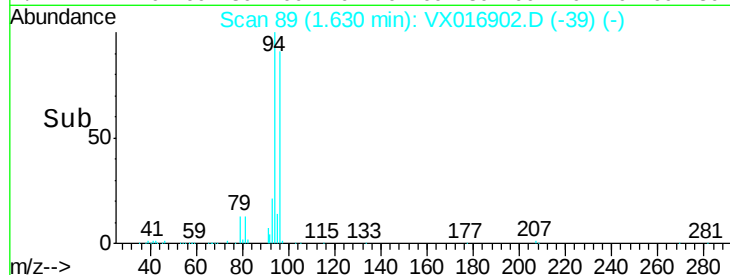
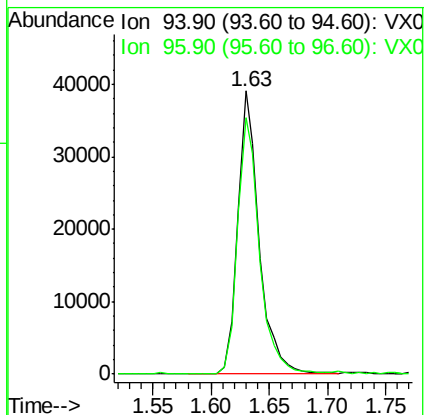
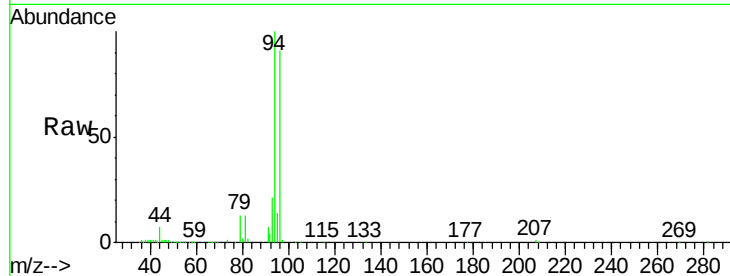
96 90.5 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 20.059 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016902.D

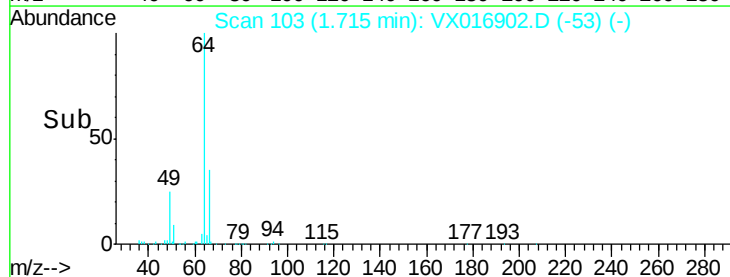
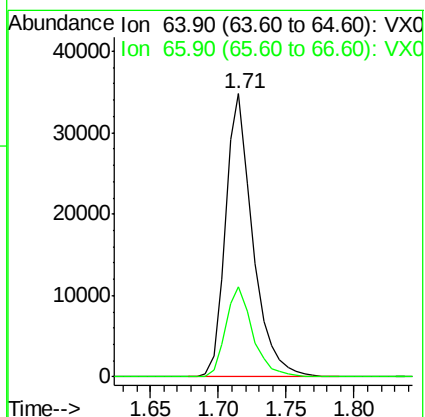
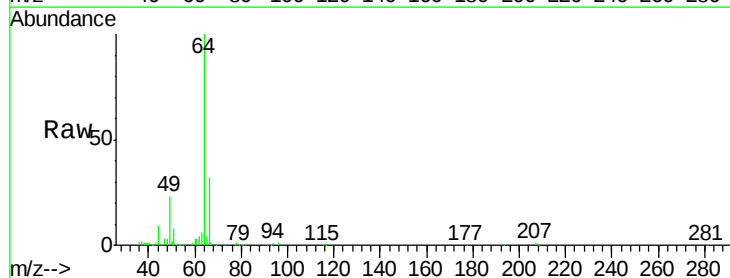
Acq: 20 Jun 2020 02:51

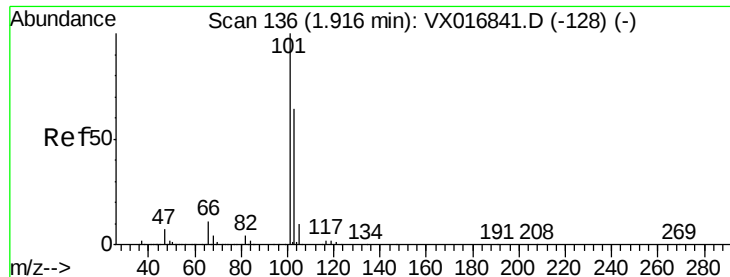
Tgt Ion: 64 Resp: 48300

Ion Ratio Lower Upper

64 100

66 31.5 25.7 38.5





#7

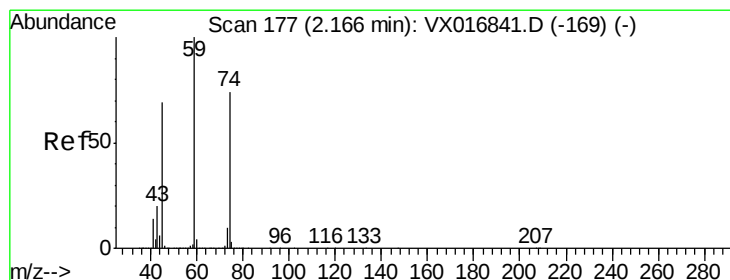
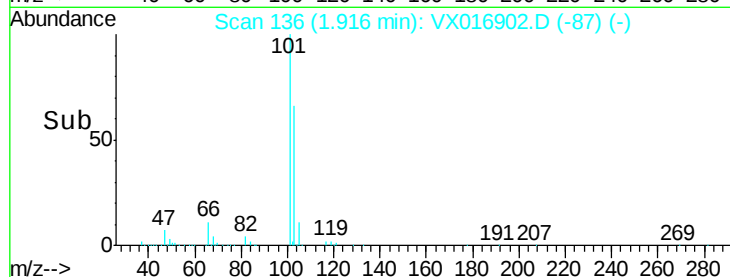
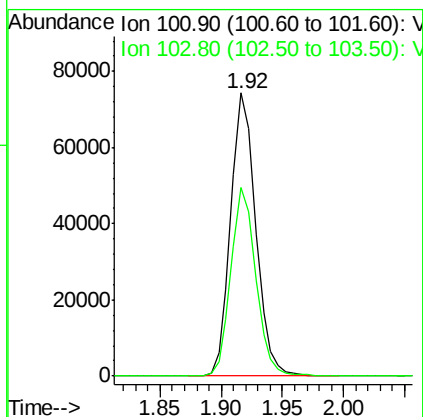
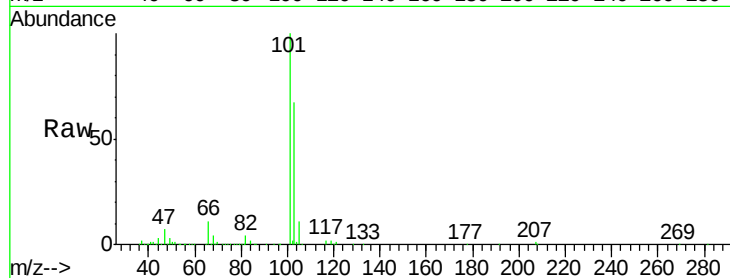
Trichlorofluoromethane
Concen: 19.277 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

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ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.2	76.8

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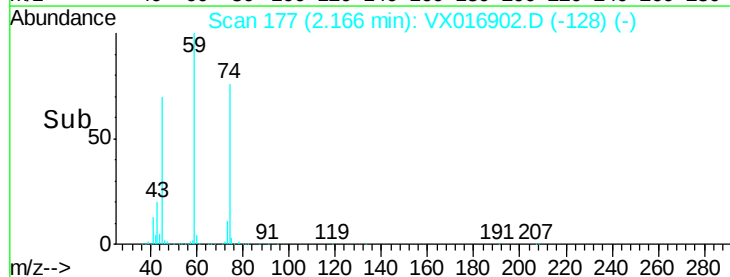
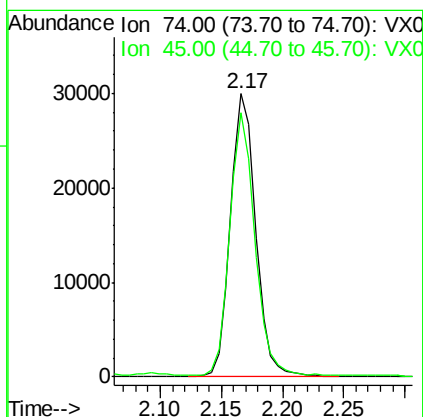
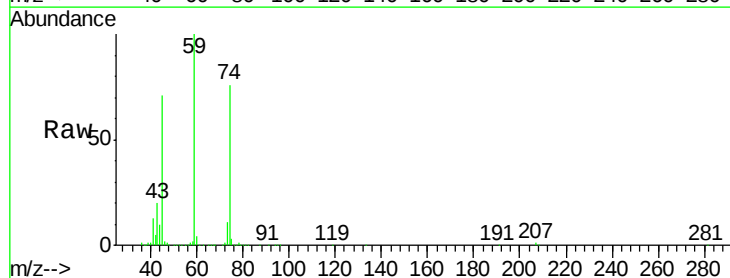
MMDadoda
6/22/2020 12:22:35 PM

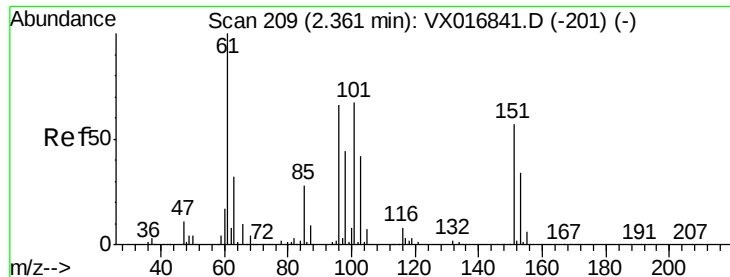


#8

Diethyl Ether
Concen: 20.102 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.290 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

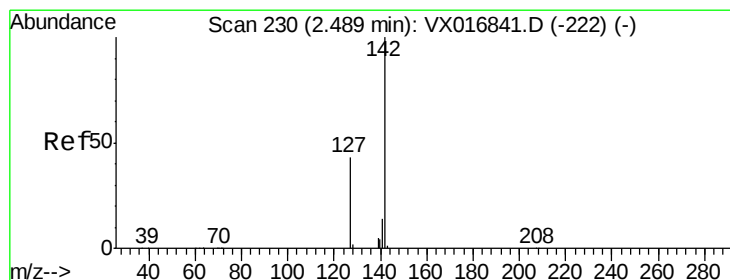
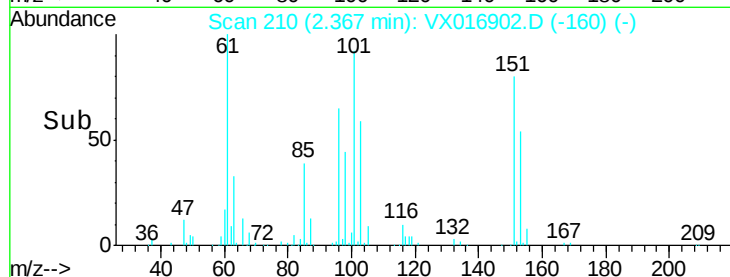
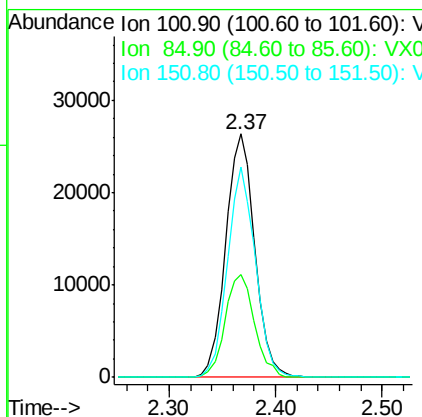
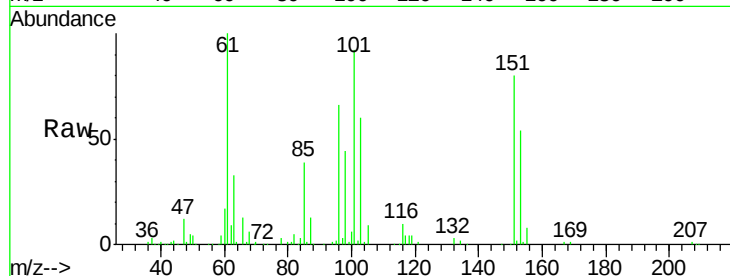
ClientSampleId :

VX0619WBSD02

Tot Ion:	101	Resp:	50369
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.3	51.5
151	83.1	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 15.086 ug/l

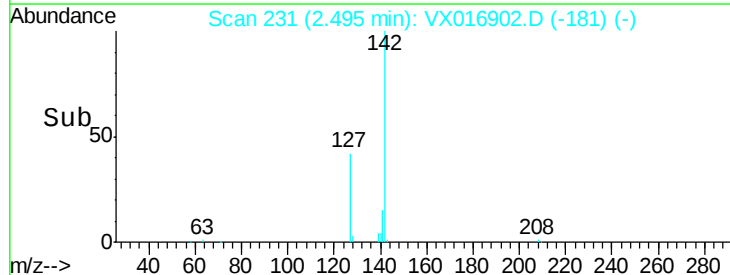
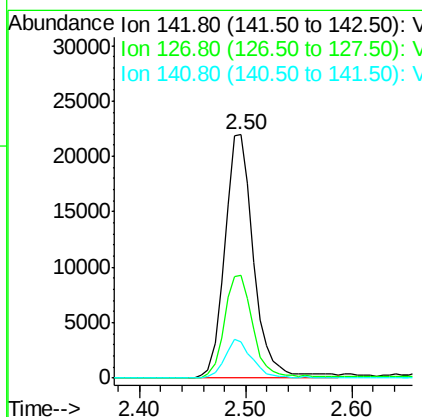
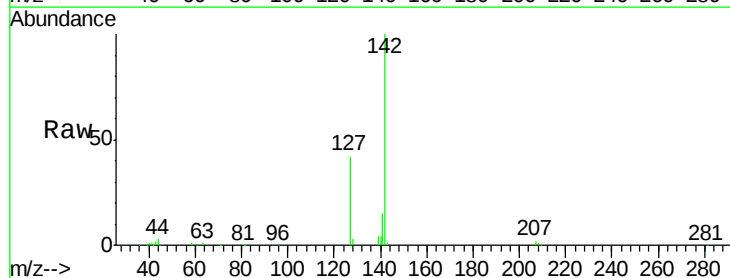
RT: 2.50 min Scan# 231

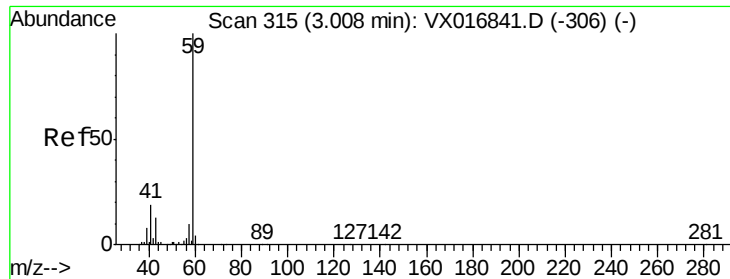
Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion:	142	Resp:	41839
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.1	52.7
141	14.6	11.6	17.4





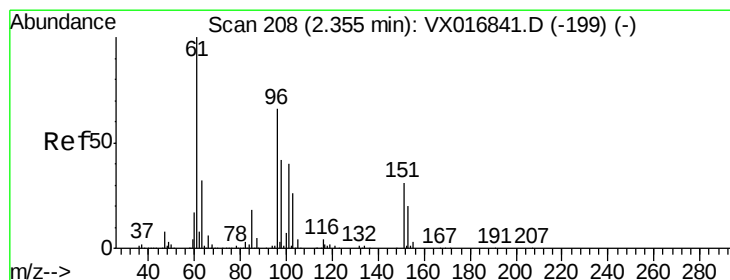
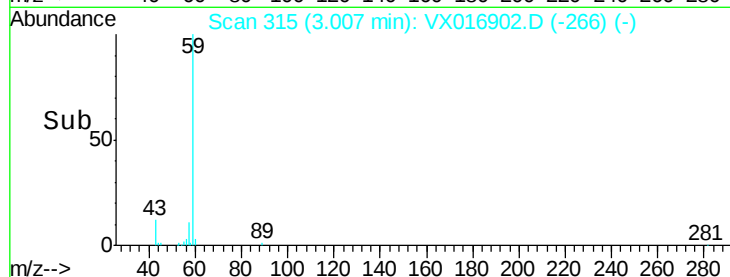
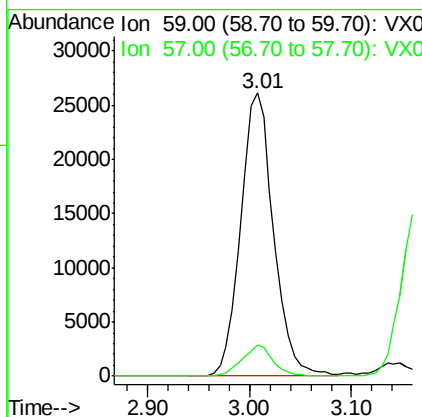
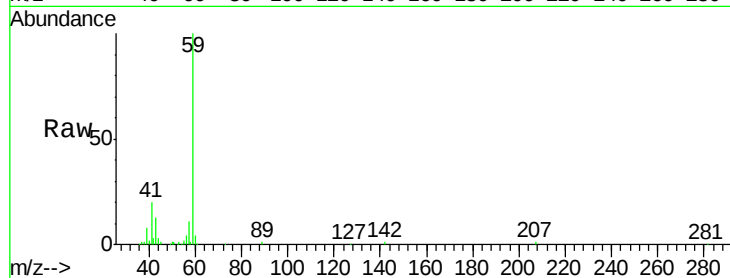
#11
Tert butyl alcohol
Concen: 103.257 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

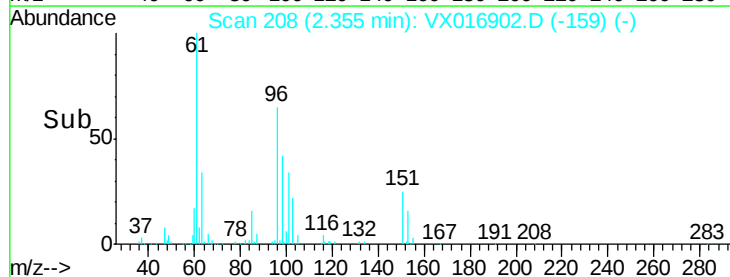
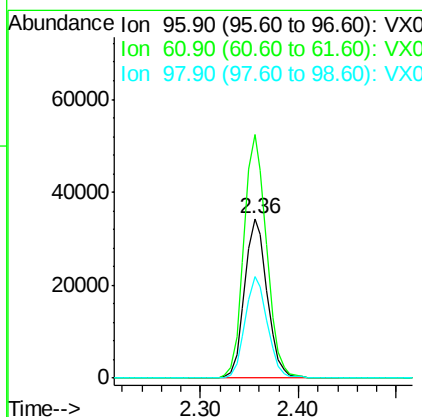
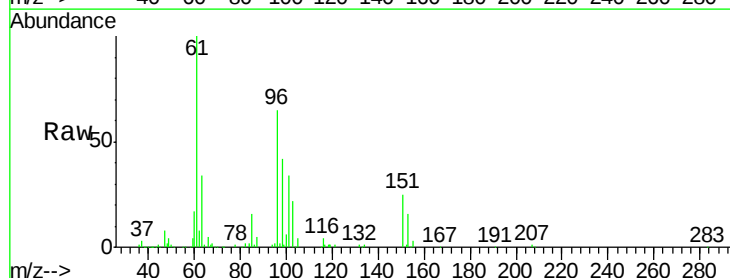
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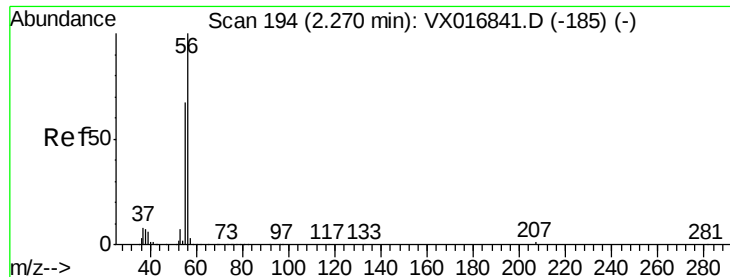
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#12
1,1-Dichloroethene
Concen: 18.576 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	121.7	182.5
98	63.5	51.1	76.7





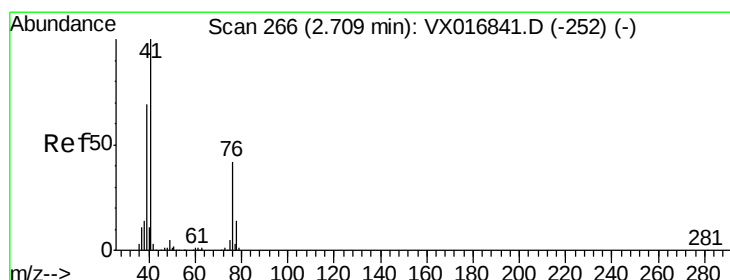
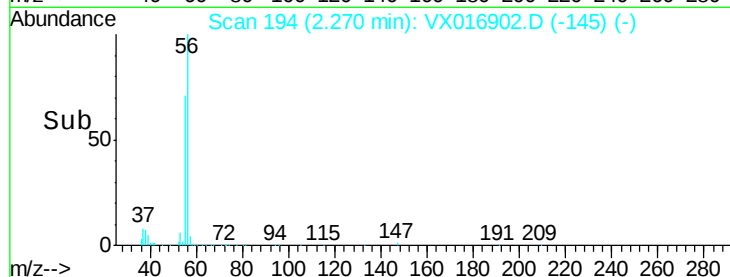
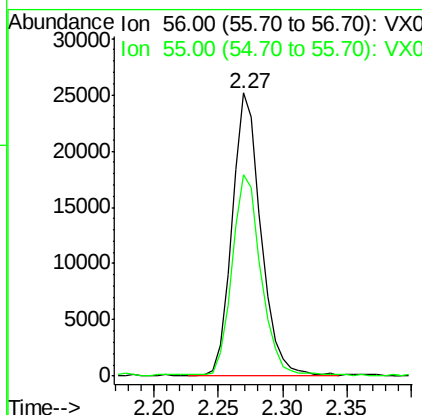
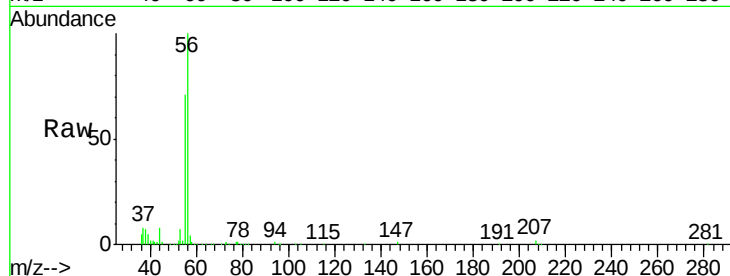
#13
Acrolein
Concen: 114.538 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.6	55.7	83.5

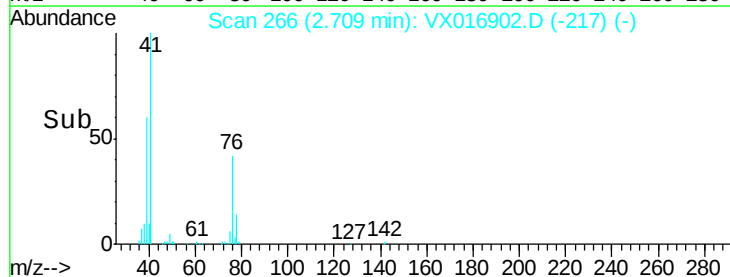
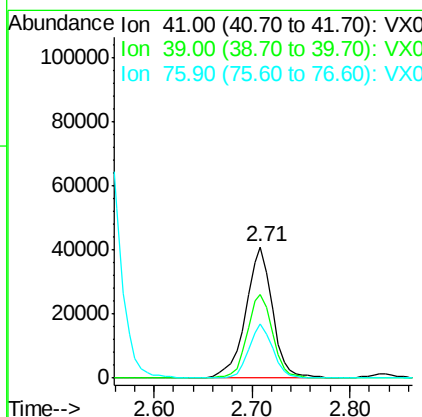
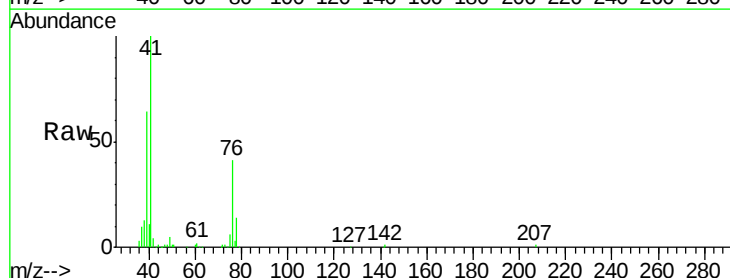
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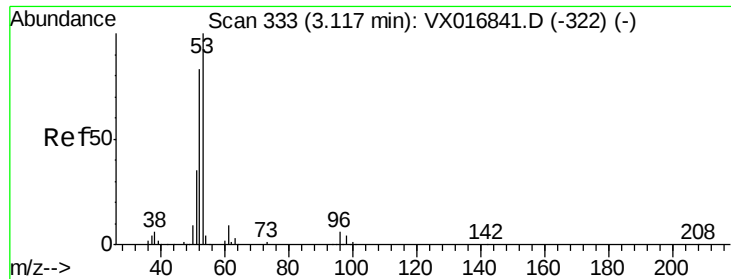
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#14
Allyl chloride
Concen: 19.849 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.7	50.7	76.1
76	36.8	30.9	46.3





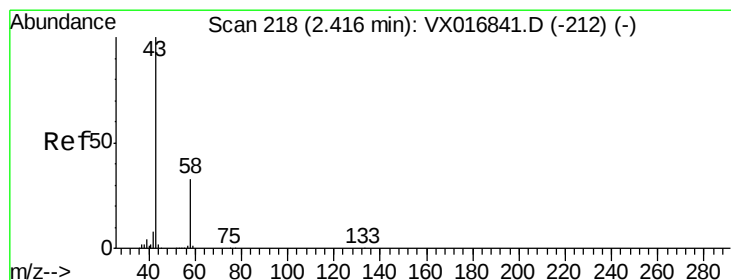
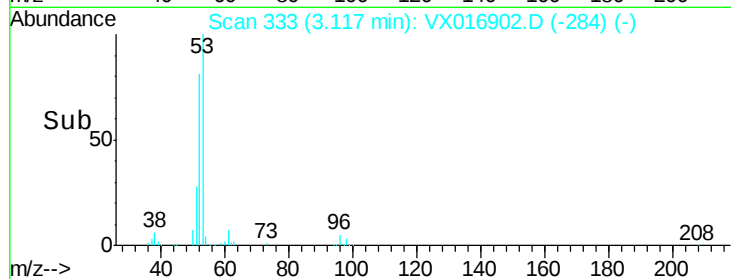
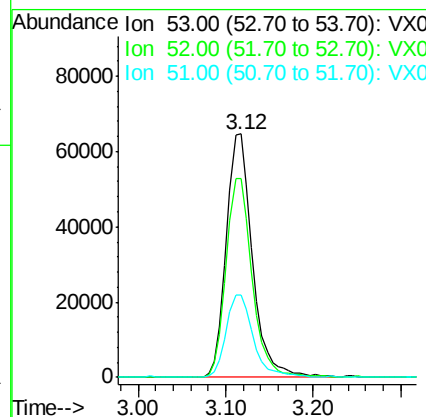
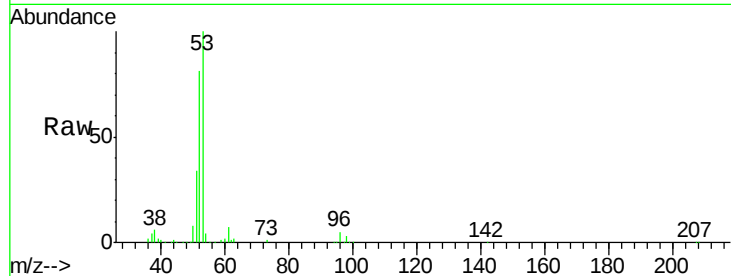
#15
 Acrylonitrile
 Concen: 103.553 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	35.3	28.7	43.1

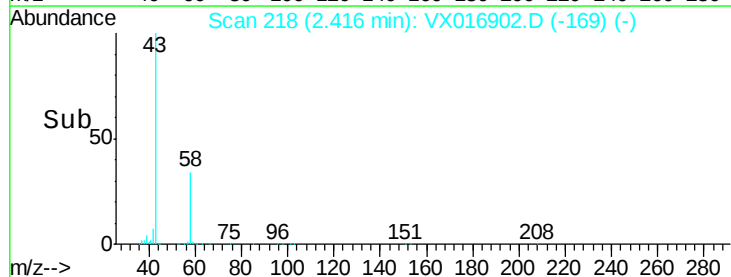
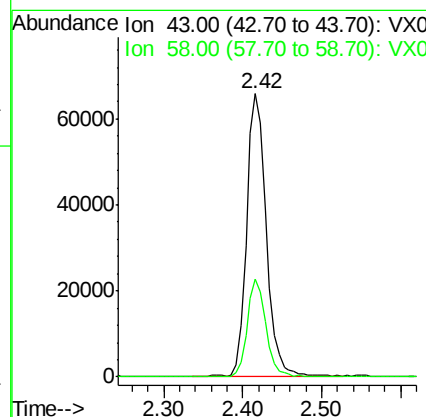
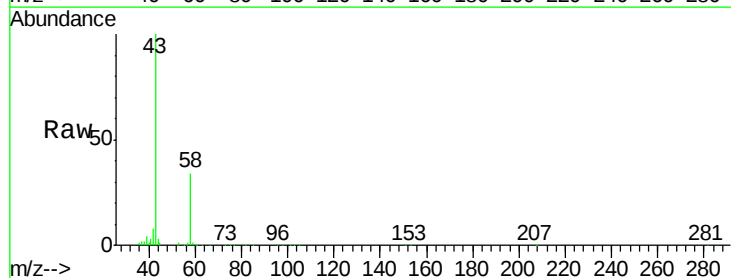
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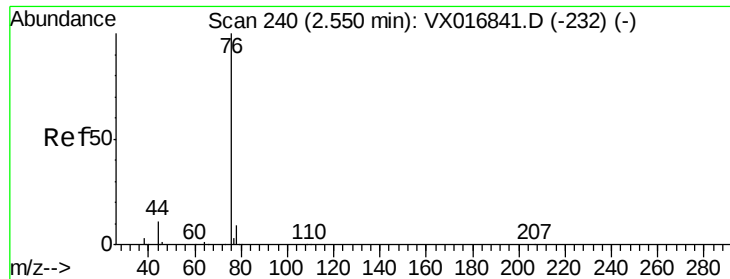
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#16
 Acetone
 Concen: 92.928 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.4	26.6	39.8





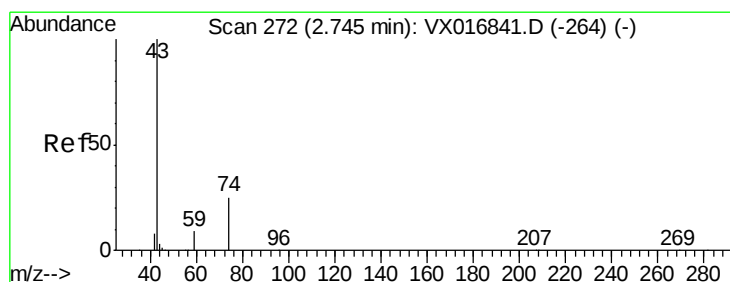
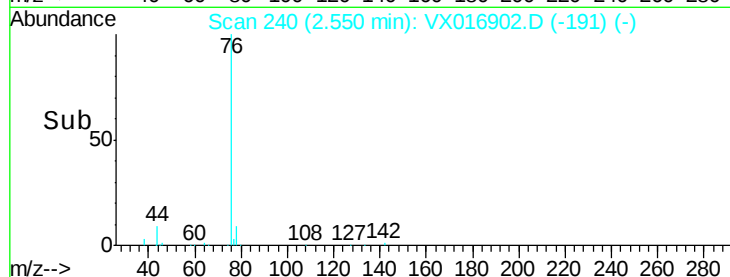
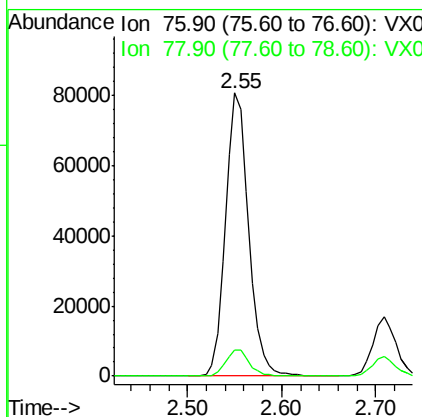
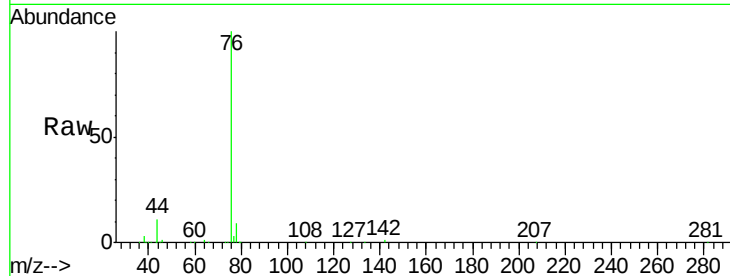
#17
Carbon Disulfide
Concen: 17.873 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

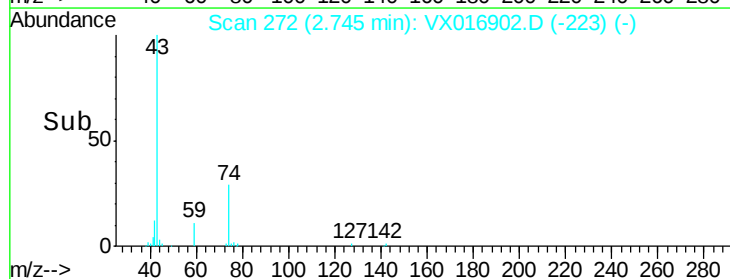
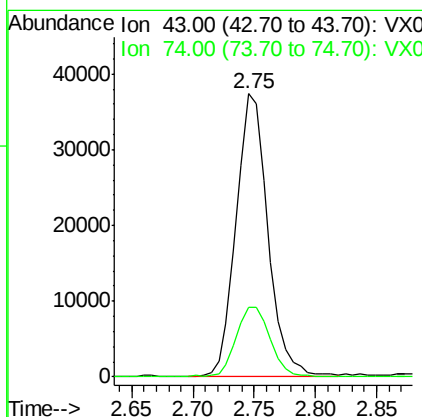
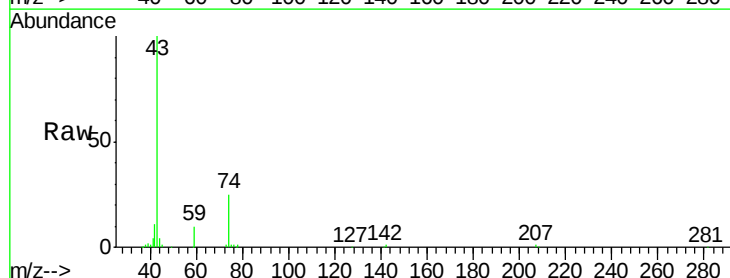
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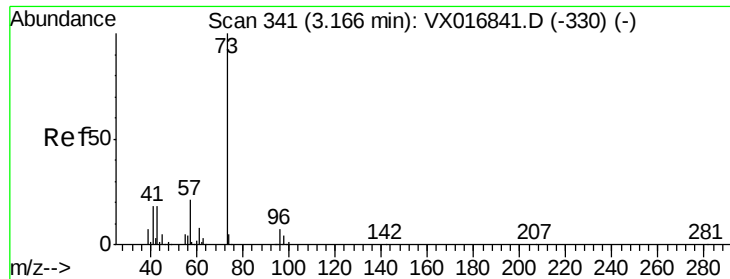
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#18
Methyl Acetate
Concen: 21.717 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.8	32.8





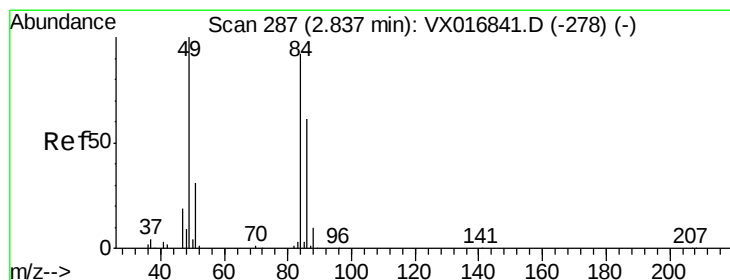
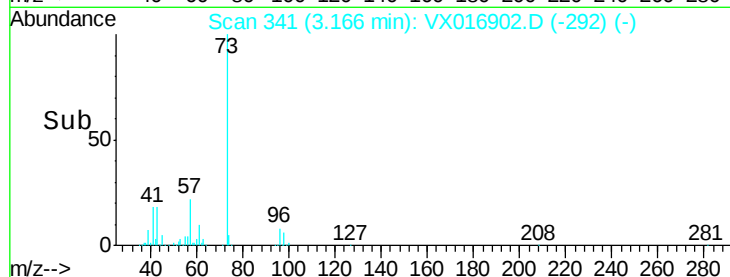
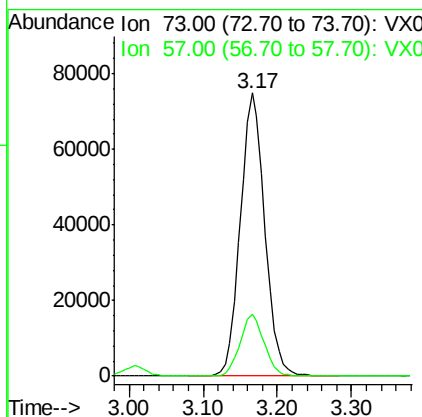
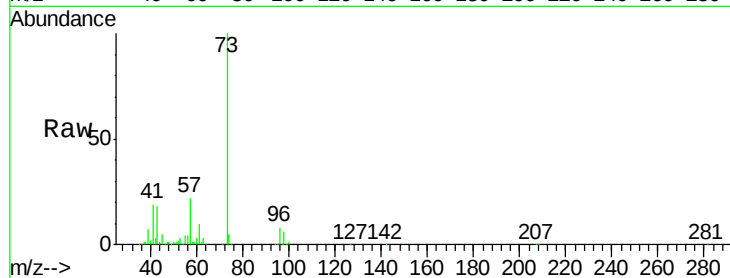
#19
Methyl tert-butyl Ether
Concen: 20.344 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.9	25.3

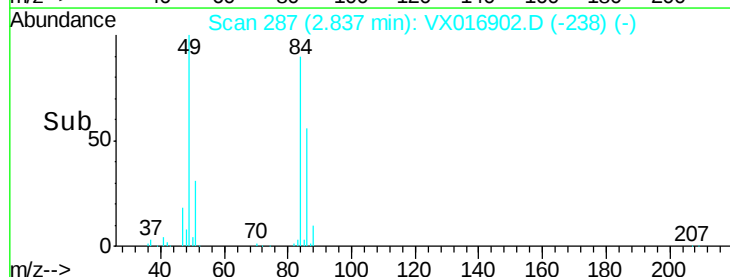
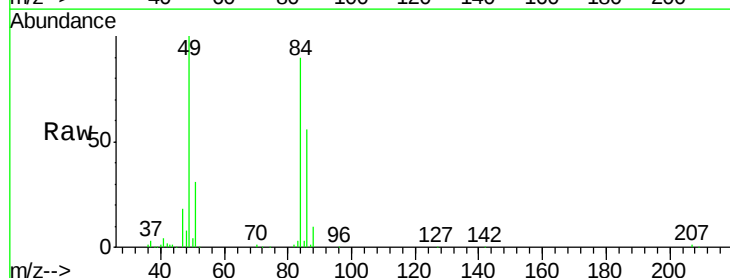
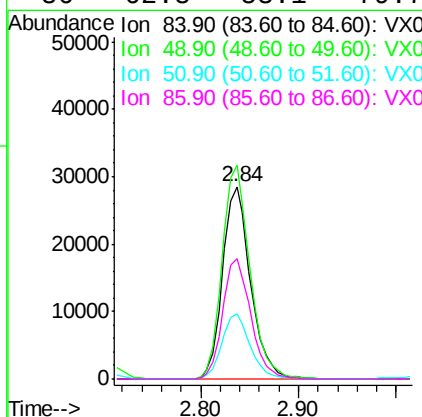
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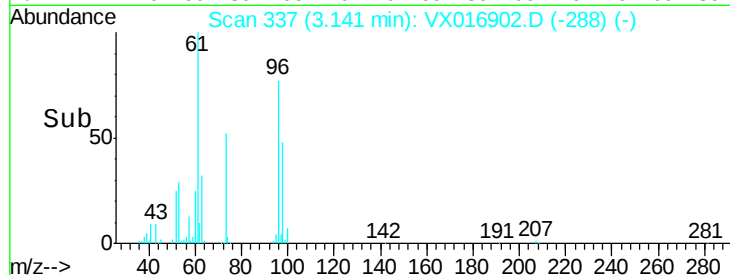
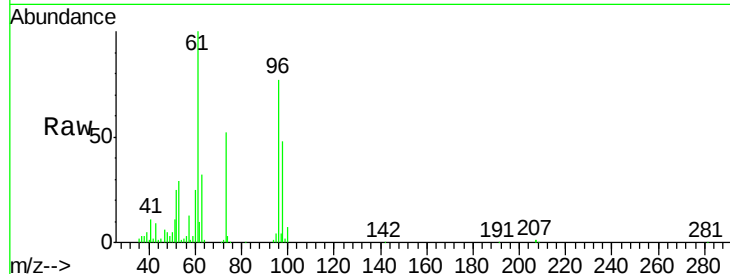
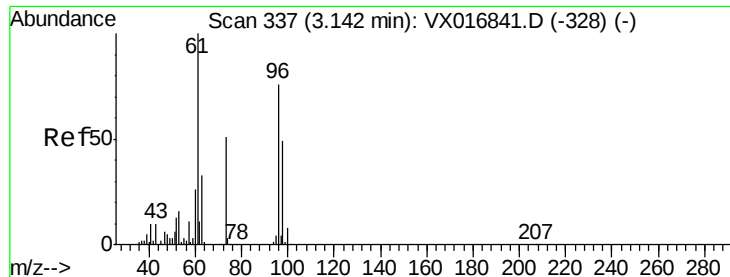
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#20
Methylene Chloride
Concen: 19.332 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.2	86.6	129.8
51	34.2	27.1	40.7
86	62.8	53.1	79.7





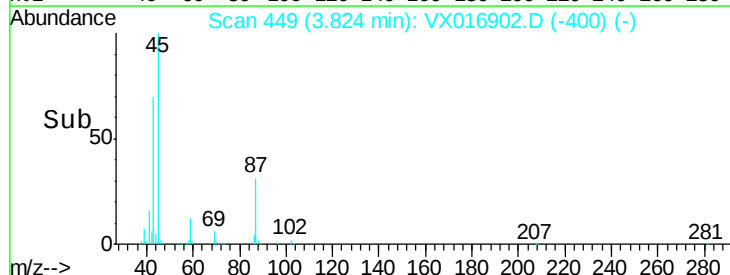
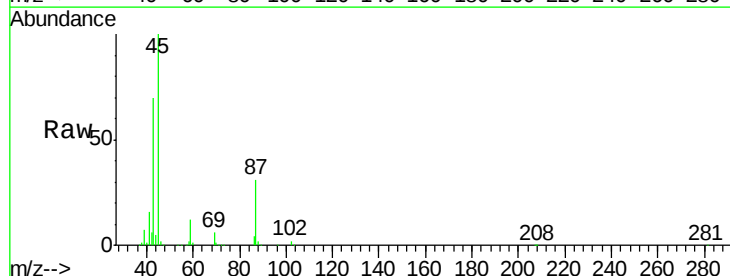
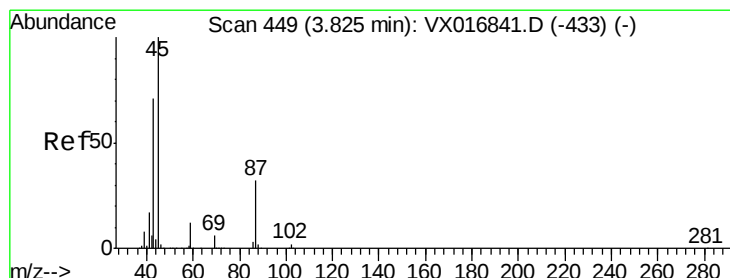
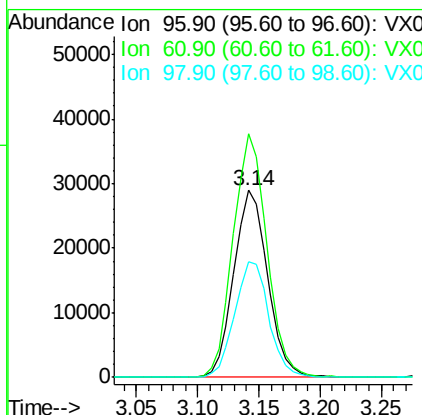
#21
trans-1,2-Dichloroethene
Concen: 19.781 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	105.4	158.0
98	62.1	51.3	76.9

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

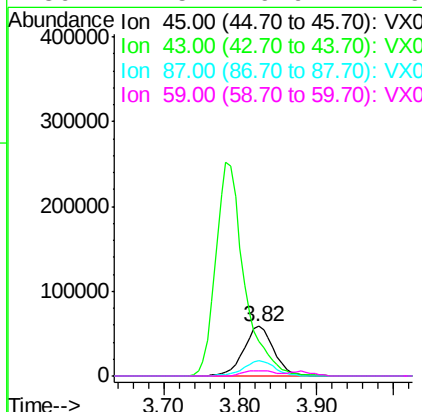
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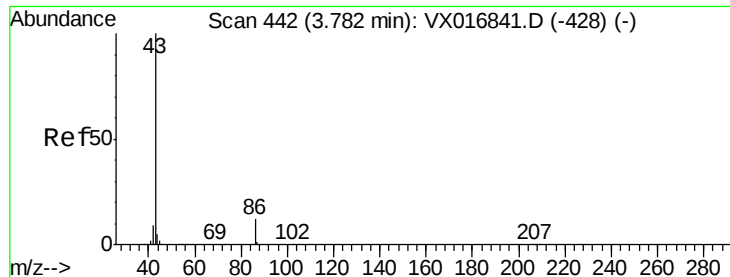
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#22
Diisopropyl ether
Concen: 21.162 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.8	57.0	85.4
87	30.5	25.2	37.8
59	11.5	9.9	14.9





#23

Vinyl Acetate

Concen: 104.310 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 43 Resp: 649365

Ion Ratio Lower Upper

43 100

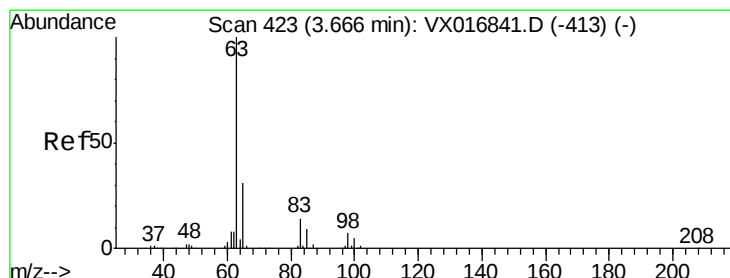
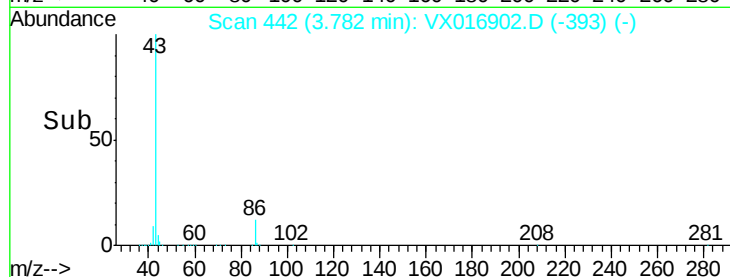
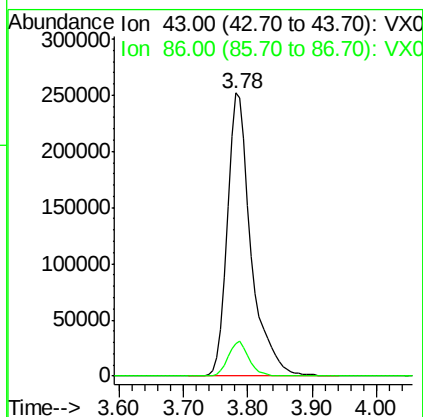
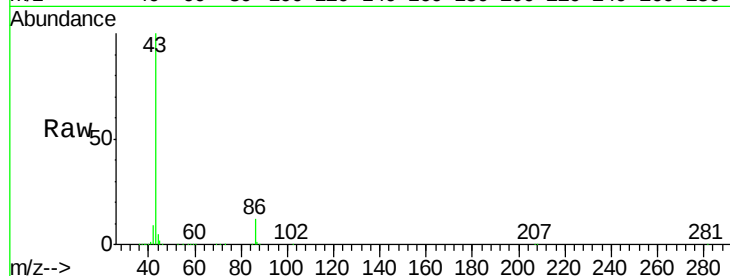
86 11.7 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 20.467 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

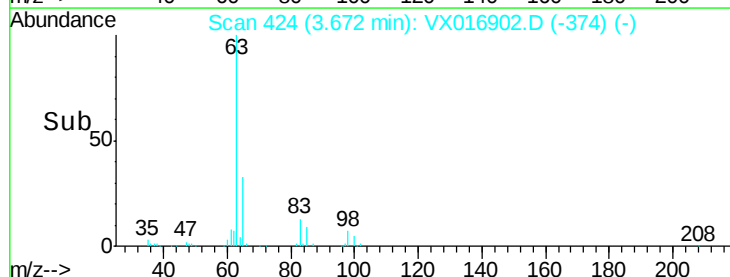
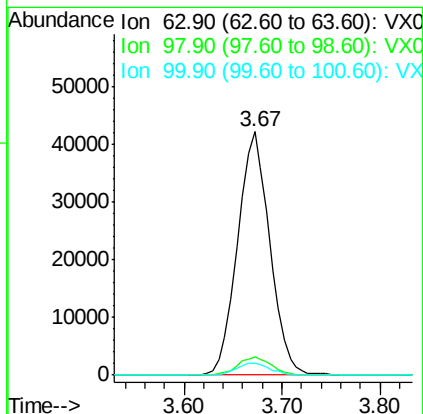
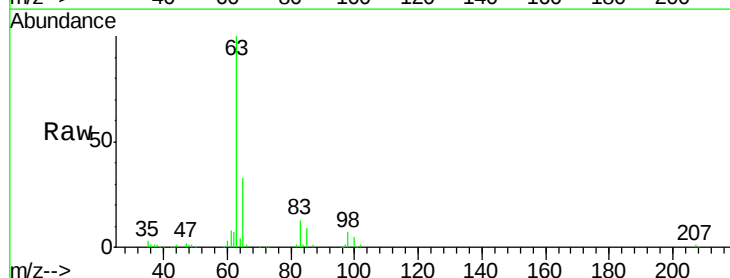
Tgt Ion: 63 Resp: 96517

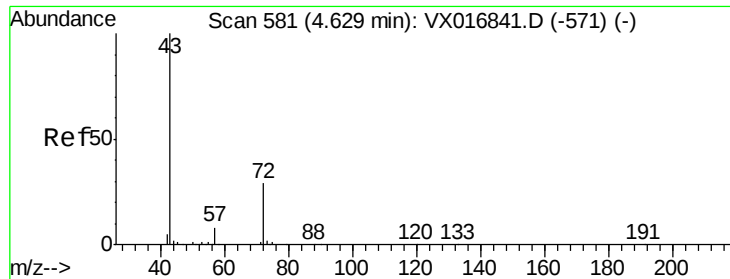
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 131.409 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 43 Resp: 220108

Ion Ratio Lower Upper

43 100

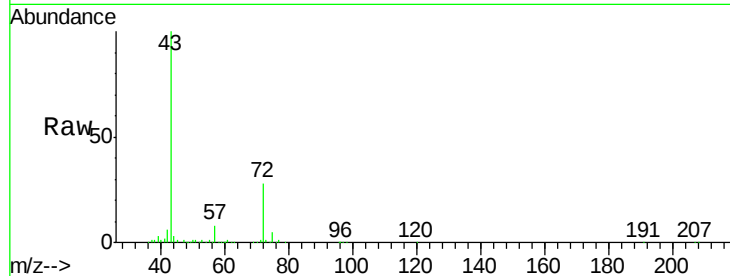
72 28.1 23.5 35.3

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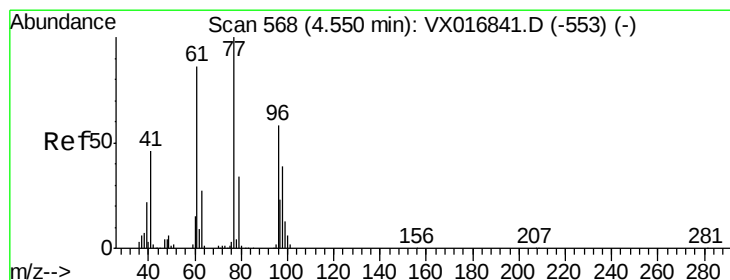
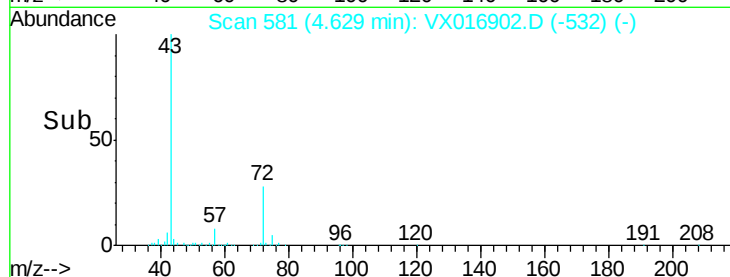
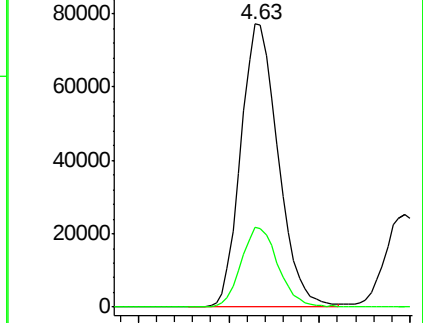
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.396 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016902.D

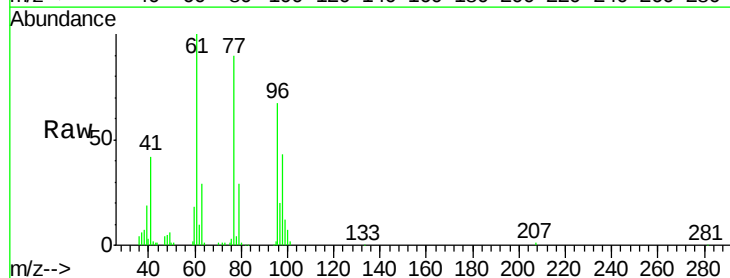
Acq: 20 Jun 2020 02:51

Tgt Ion: 77 Resp: 72442

Ion Ratio Lower Upper

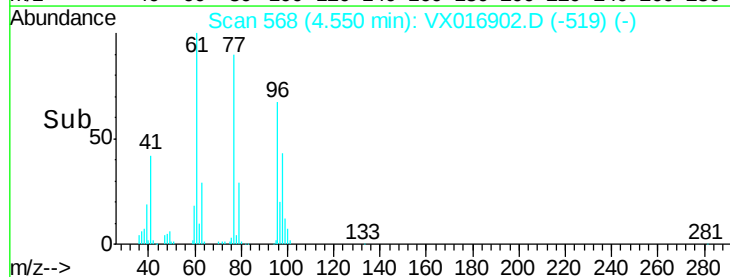
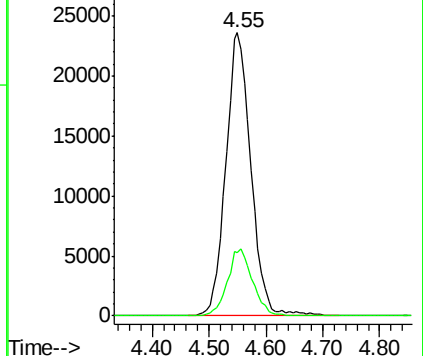
77 100

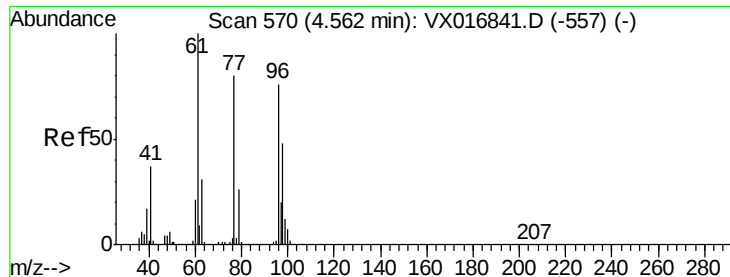
97 23.7 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

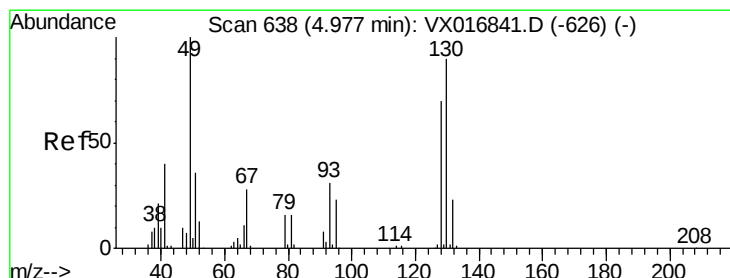
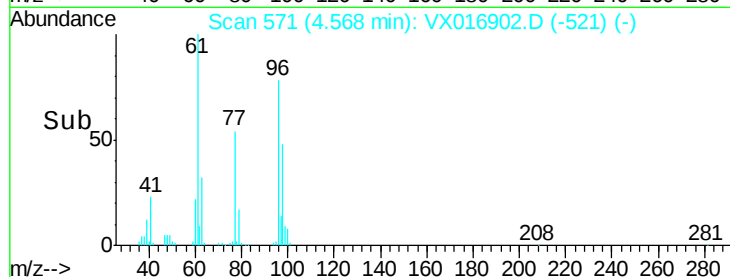
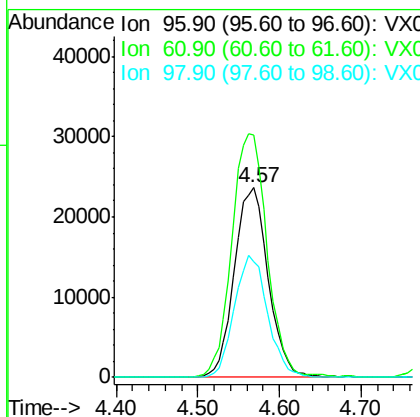
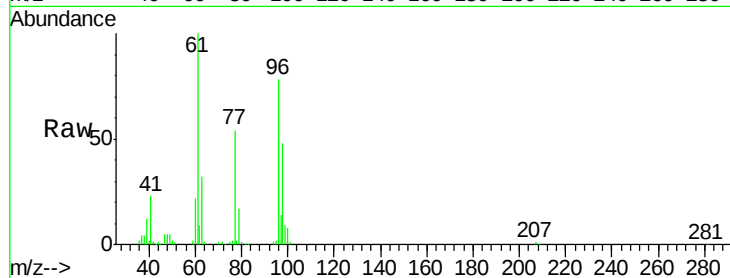
cis-1,2-Dichloroethene
Concen: 21.554 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	273.8
98	63.2	0.0	129.0

Manual Integrations
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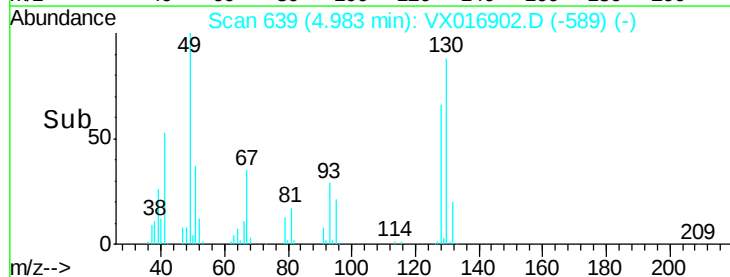
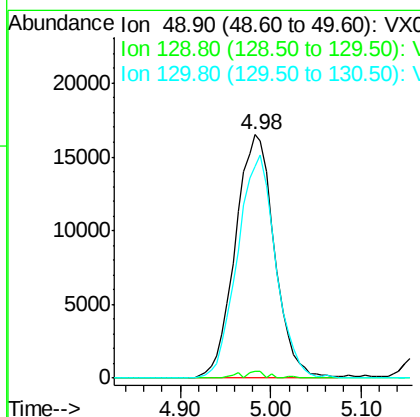
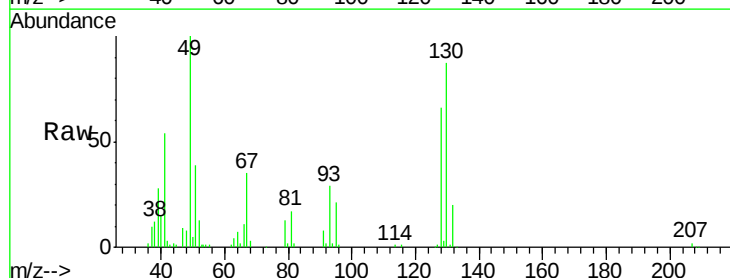
MMDadoda
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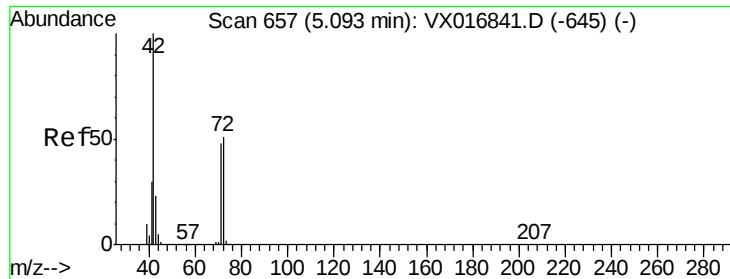


#28

Bromochloromethane
Concen: 25.253 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.0
130	89.1	76.8	115.2





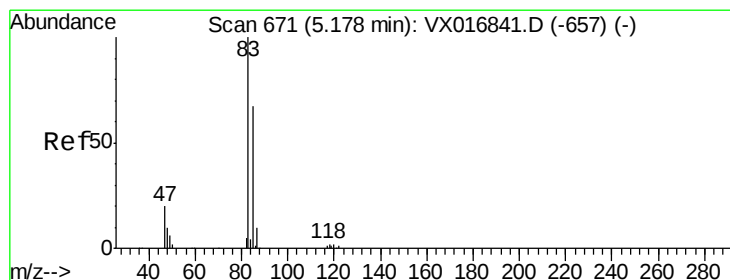
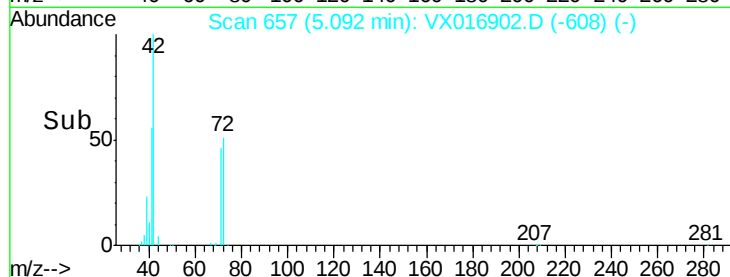
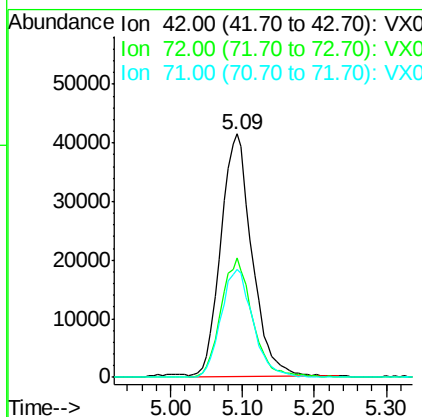
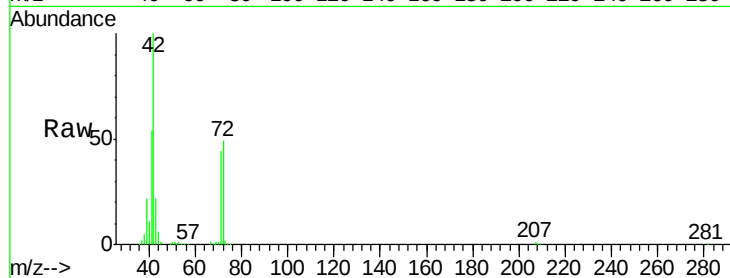
#29
Tetrahydrofuran
Concen: 118.162 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	41.1	61.7
71	45.6	38.4	57.6

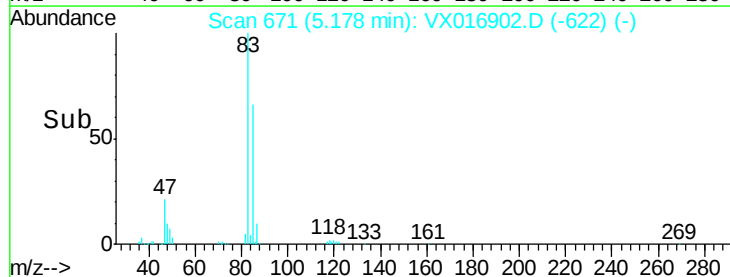
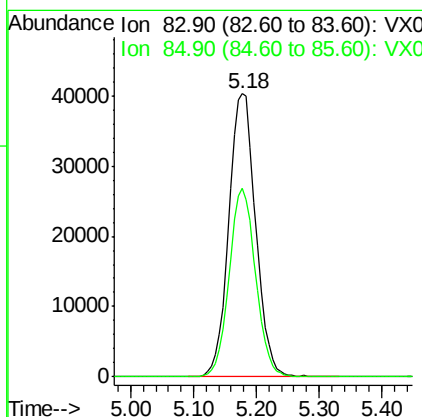
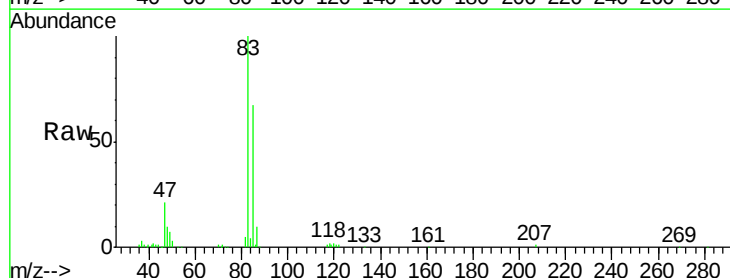
Manual Integrations
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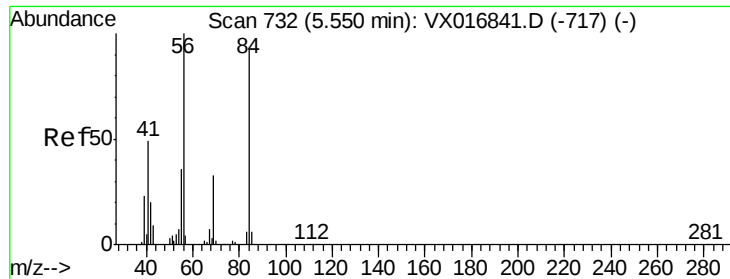
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#30
Chloroform
Concen: 24.031 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.0





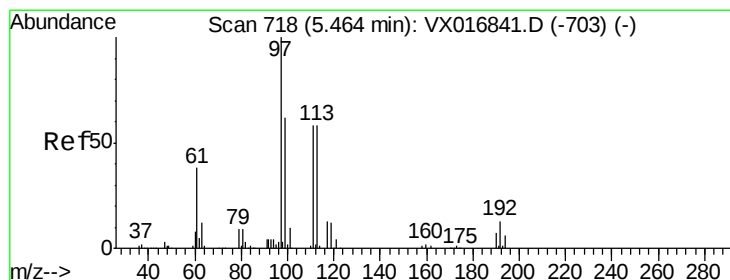
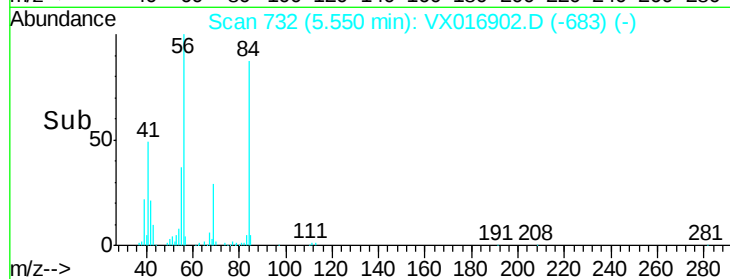
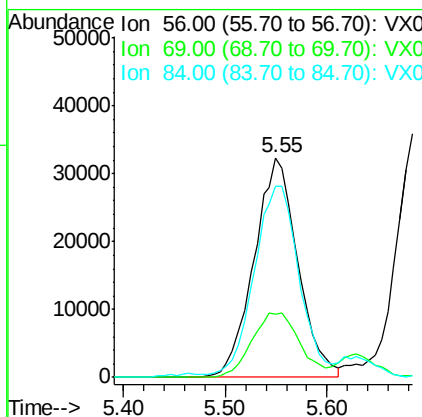
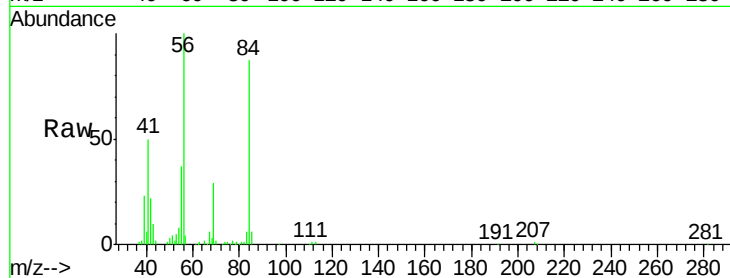
#31
Cvclohexane
Concen: 23.180 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	26.1	39.1
84	85.2	73.0	109.6

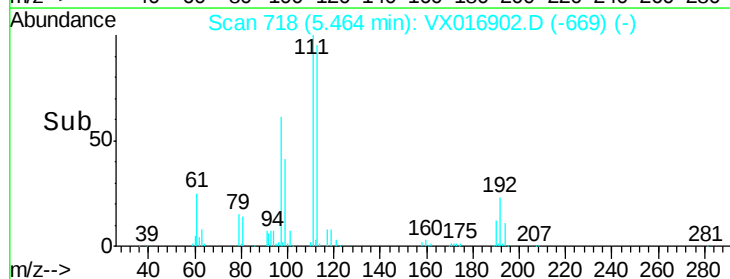
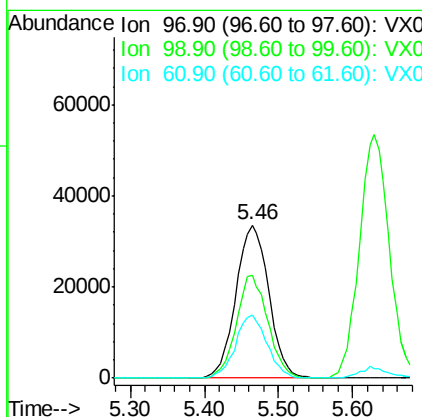
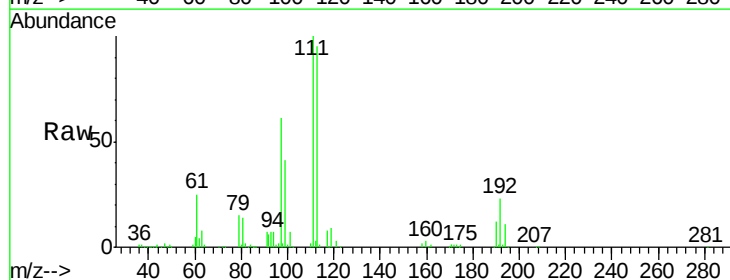
Manual Integrations
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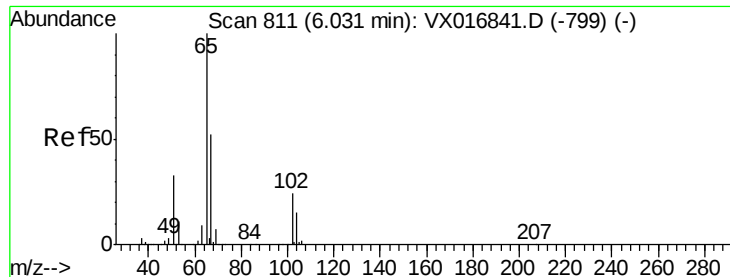
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 22.131 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	39.8	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 46.926 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 65 Resp: 157324

Ion Ratio Lower Upper

65 100

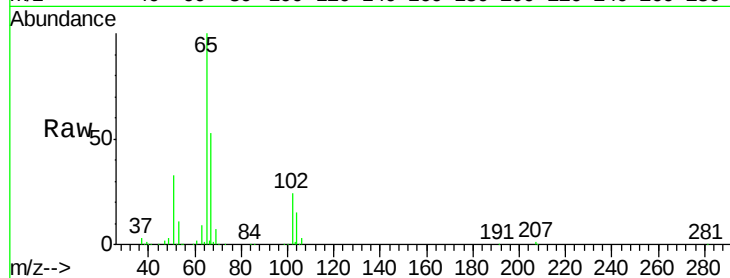
67 52.9 0.0 102.6

Manual Integrations

APPROVED

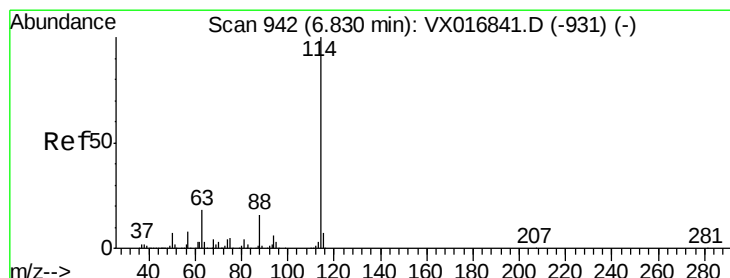
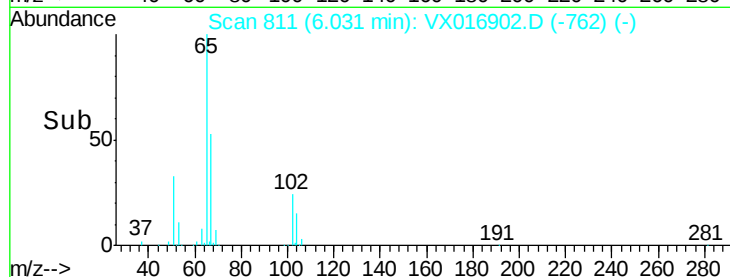
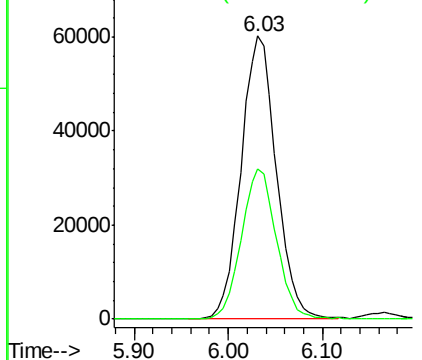
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

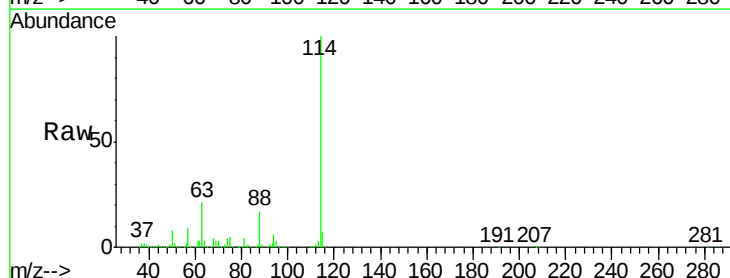
Tgt Ion: 114 Resp: 504168

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.0

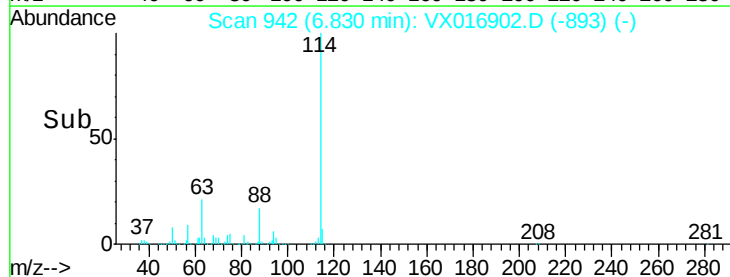
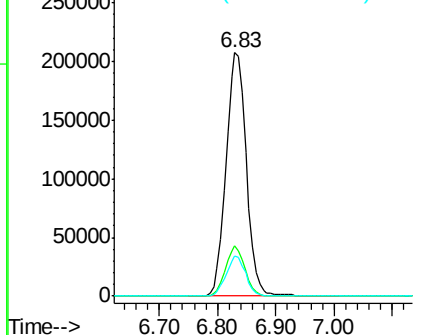
88 16.7 0.0 32.0

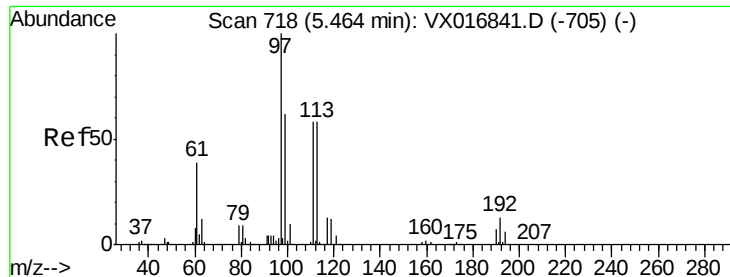


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.337 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

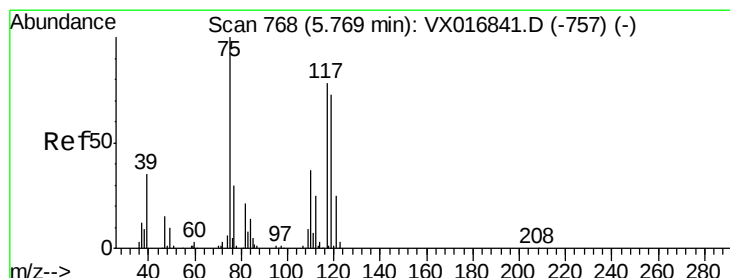
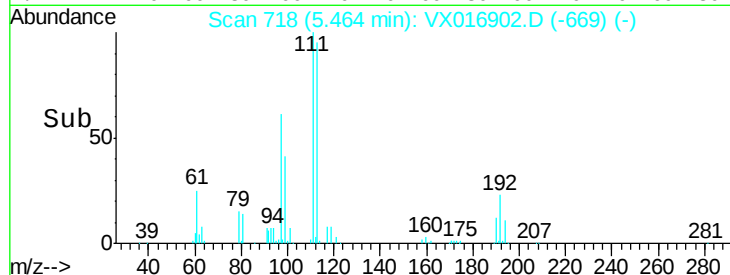
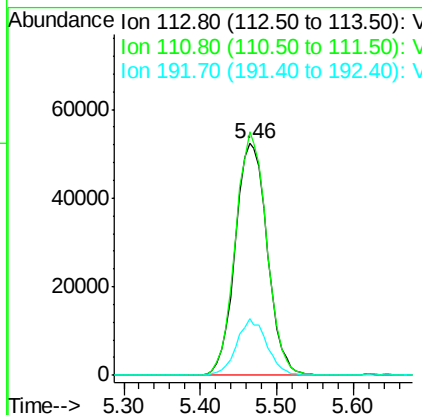
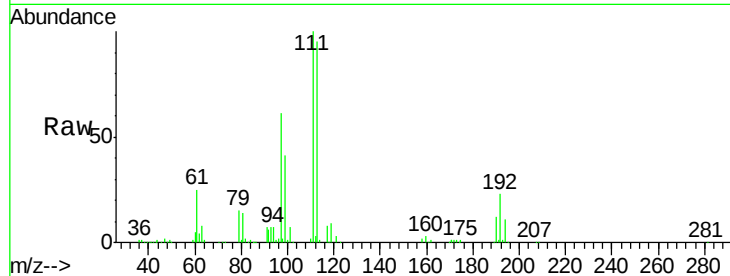
ClientSampleId :

VX0619WBSD02

Tot Ion:	113	Resp:	152668
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.0	121.4
192	23.0	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.207 ug/l

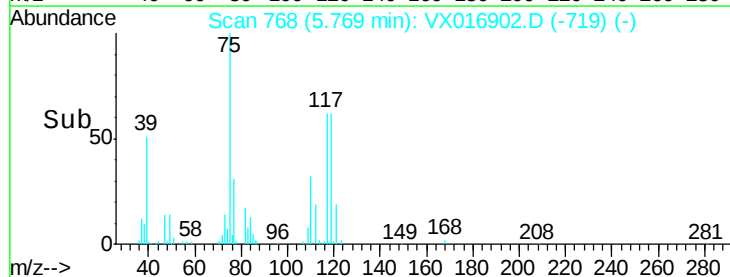
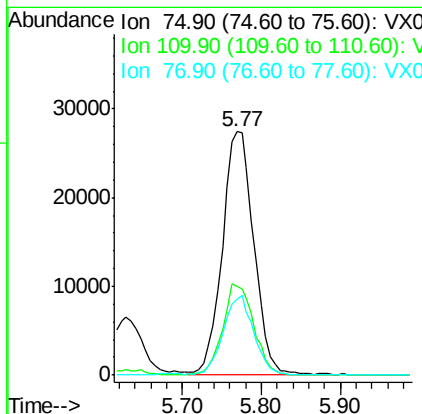
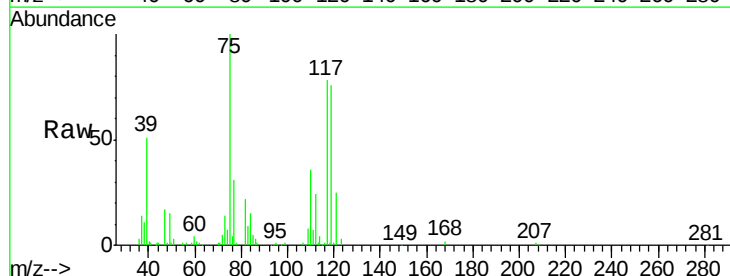
RT: 5.77 min Scan# 768

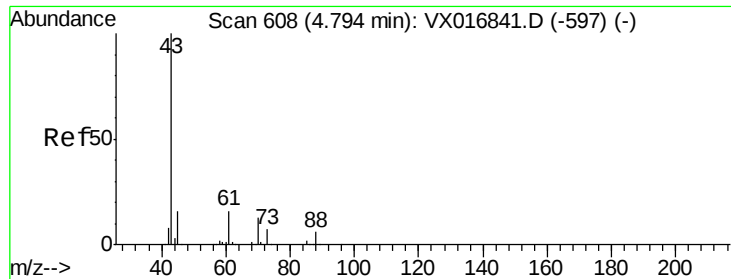
Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion:	75	Resp:	75446
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.9	56.9
77	32.1	25.6	38.4





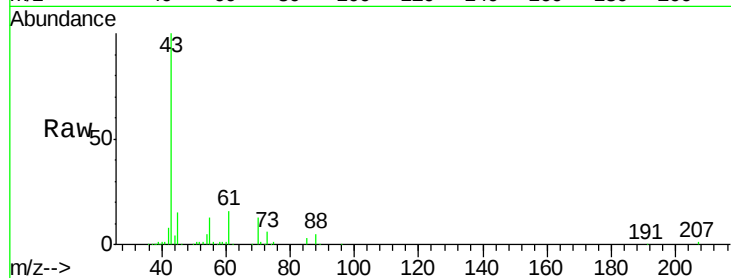
#37
Ethyl Acetate
Concen: 18.611 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

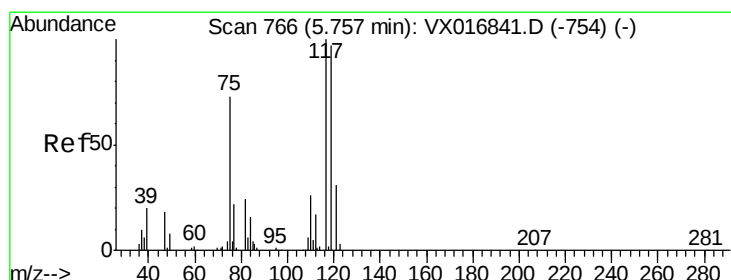
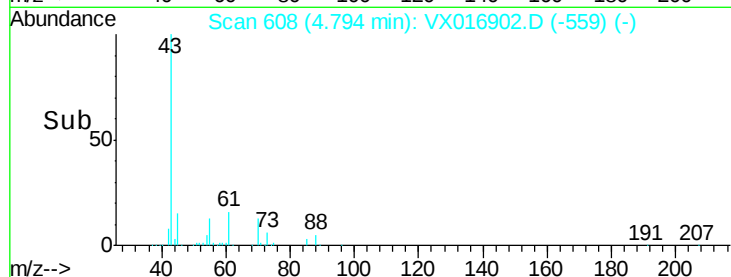
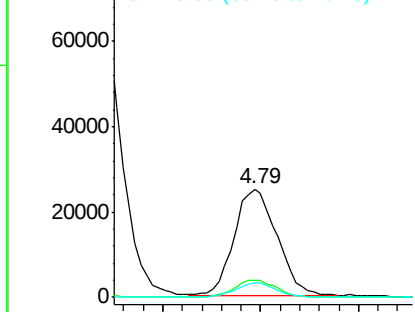
Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.2	18.2
70	12.7	10.5	15.7

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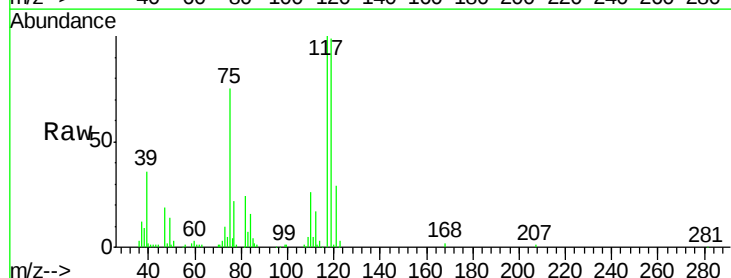


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

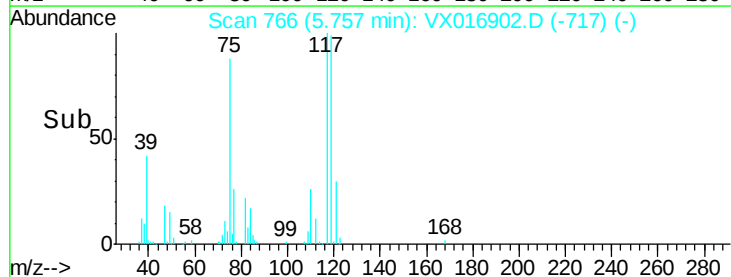
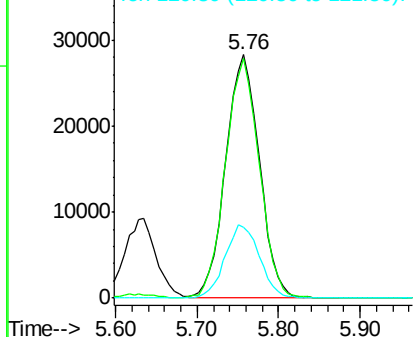


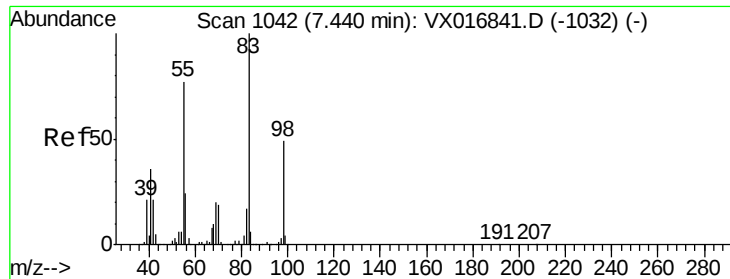
#38
Carbon Tetrachloride
Concen: 15.556 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.2
121	29.3	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





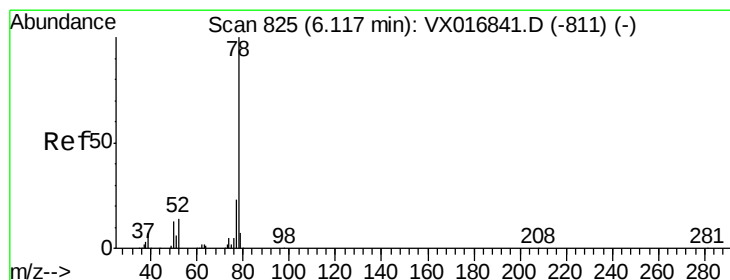
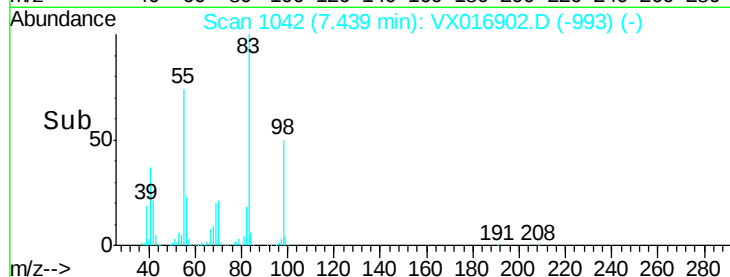
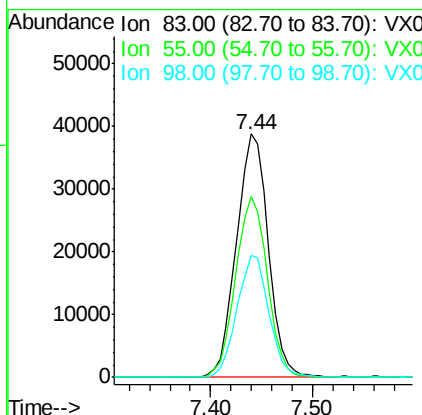
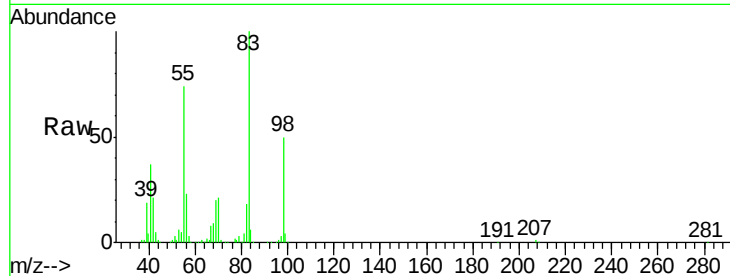
#39
Methvlcvclohexane
Concen: 15.598 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.7	92.5
98	49.9	39.0	58.6

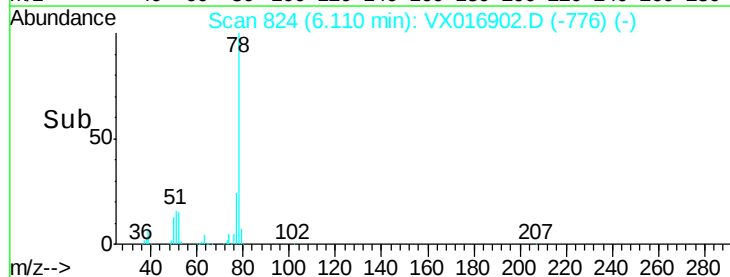
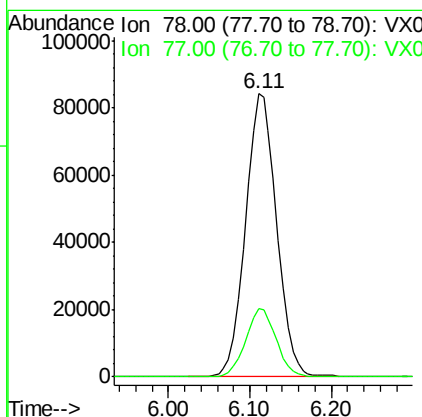
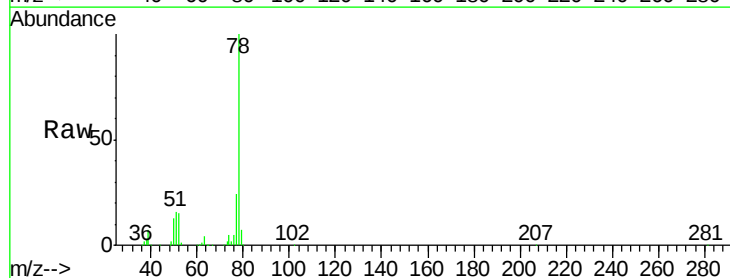
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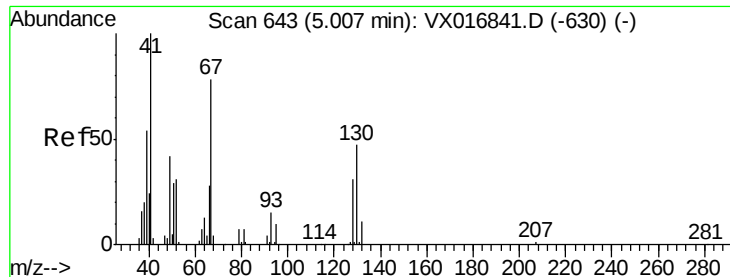
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#40
Benzene
Concen: 15.975 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





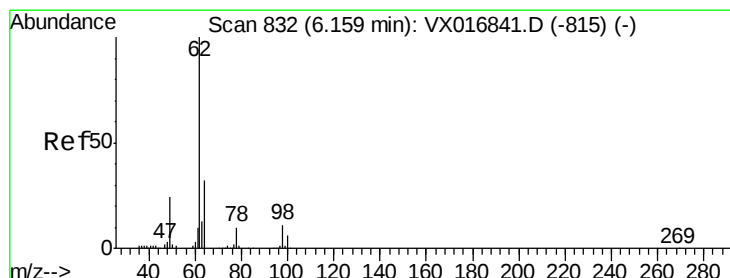
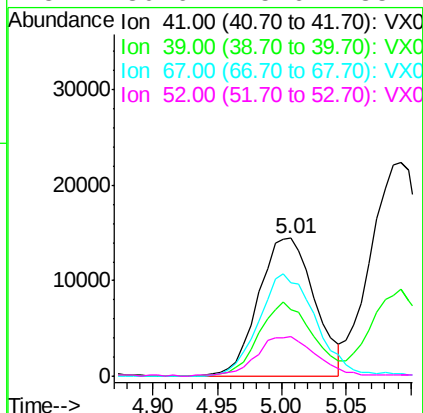
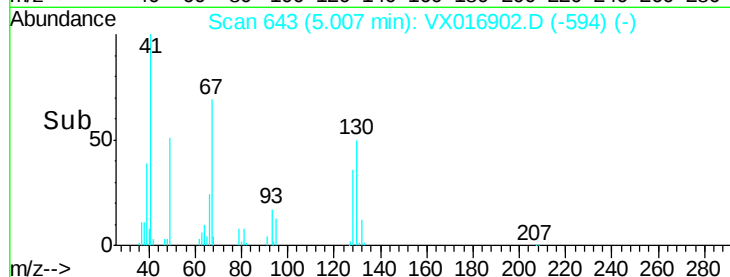
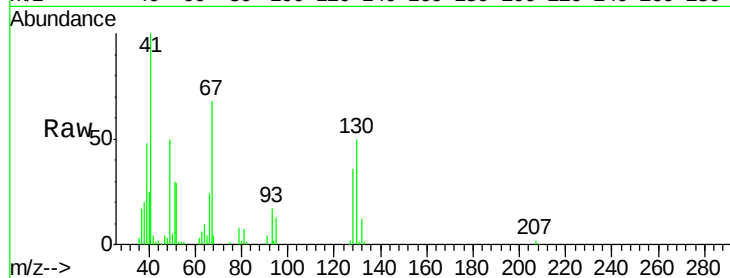
#41
Methacrylonitrile
Concen: 19.675 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.6	64.0
67	74.7	64.2	96.2
52	30.6	25.6	38.4

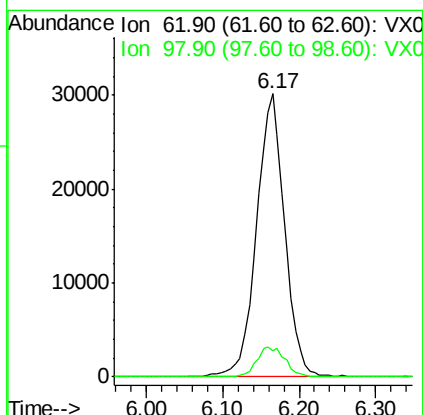
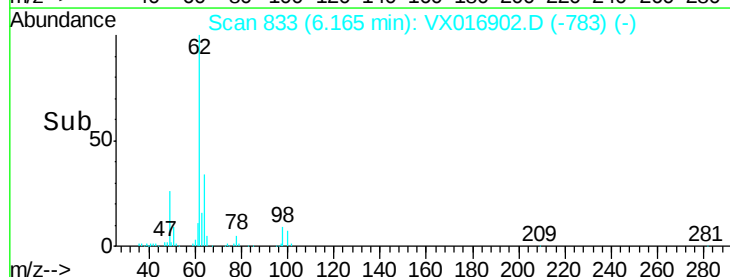
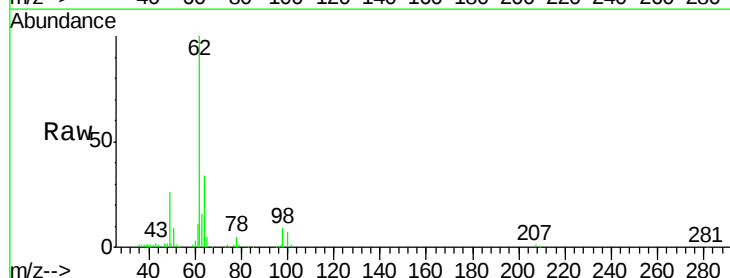
Manual Integrations
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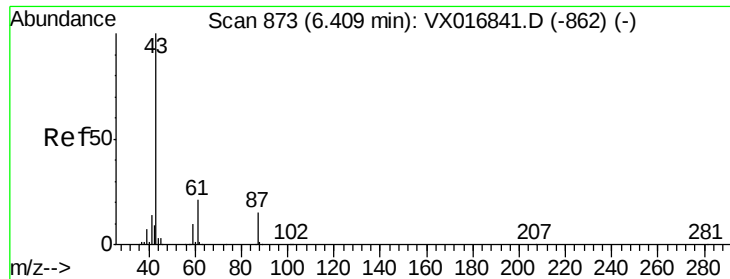
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#42
1,2-Dichloroethane
Concen: 15.540 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8





#43

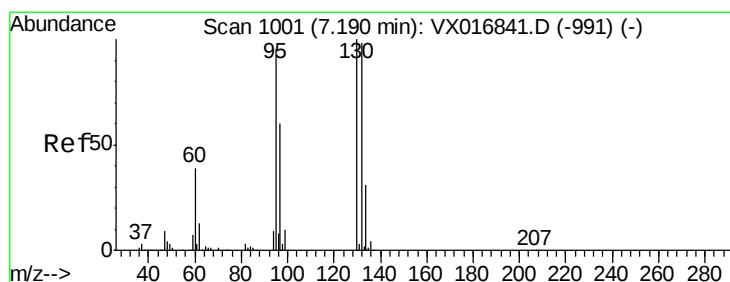
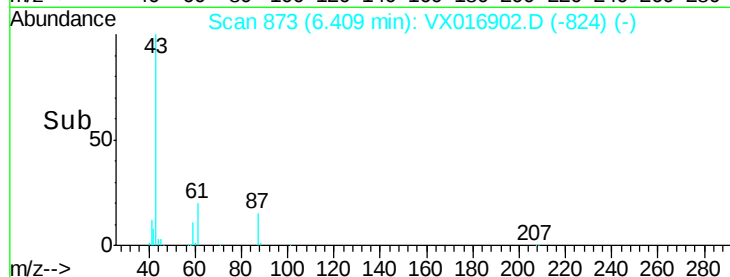
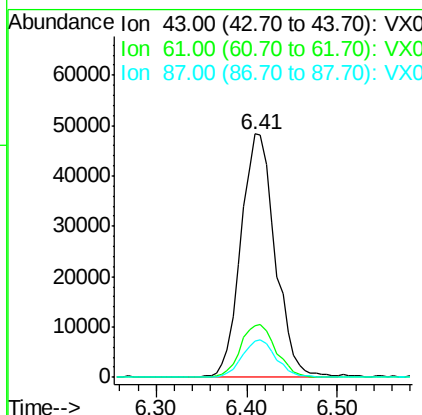
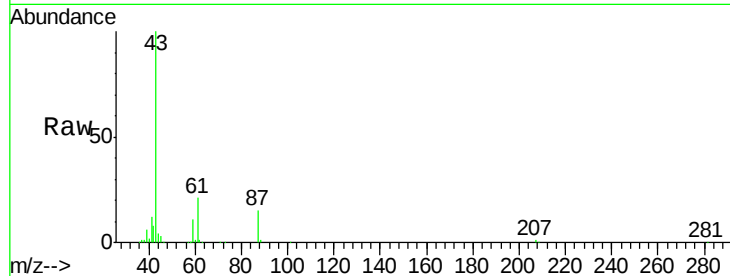
Isopropyl Acetate
 Concen: 17.524 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	17.9	26.9
87	15.3	12.4	18.6

Manual Integrations
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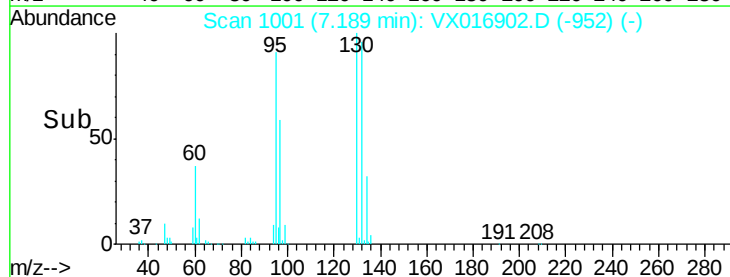
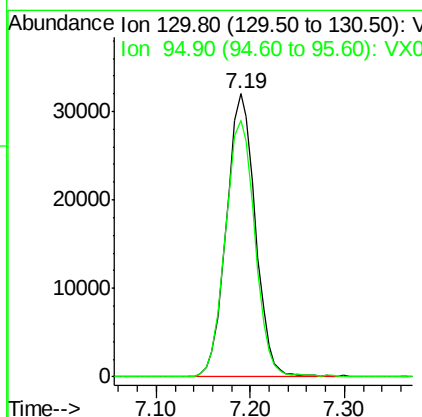
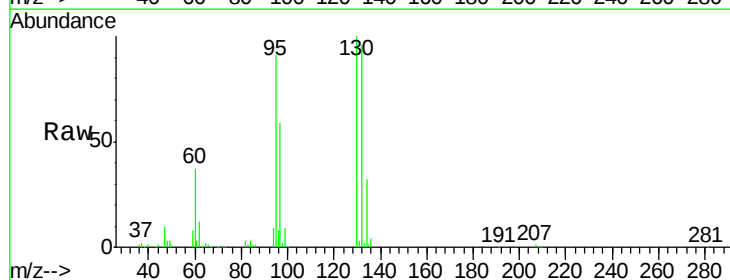
MMDadoda
 6/22/2020 12:22:35 PM

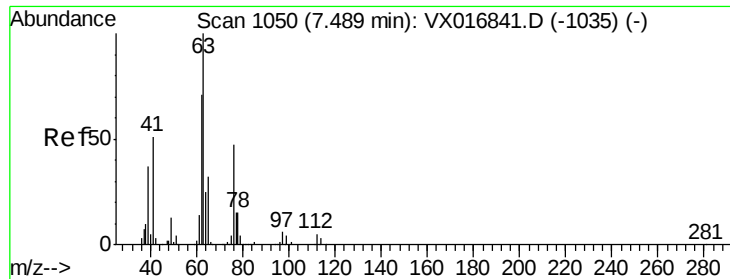


#44

Trichloroethene
 Concen: 15.962 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	190.8





#45

1,2-Dichloropropane

Concen: 16.689 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 63 Resp: 58603

Ion Ratio Lower Upper

63 100

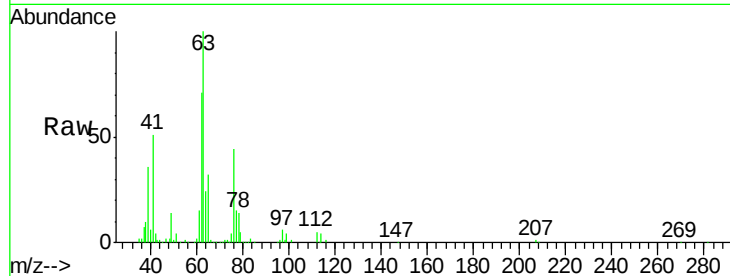
65 31.7 25.8 38.8

Manual Integrations

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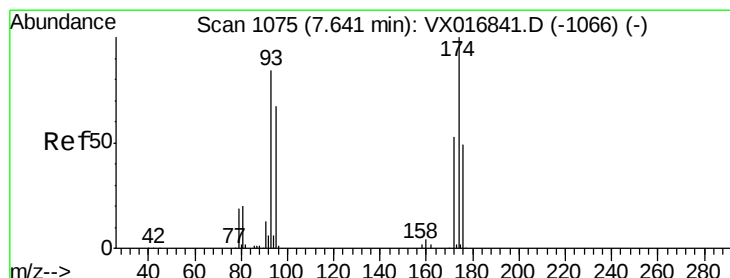
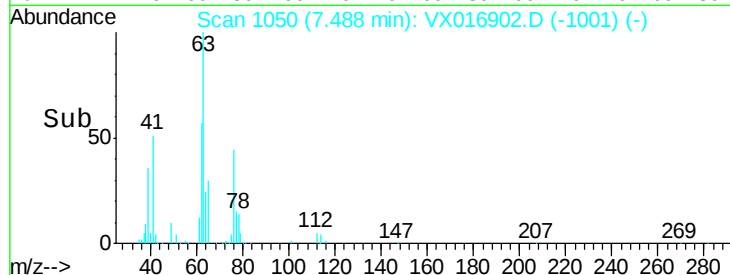
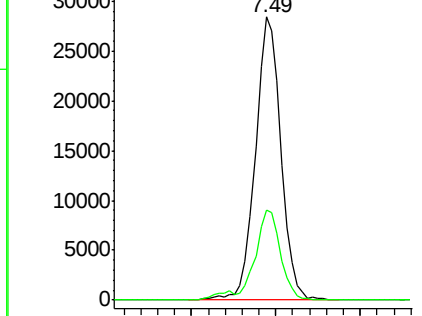
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.175 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

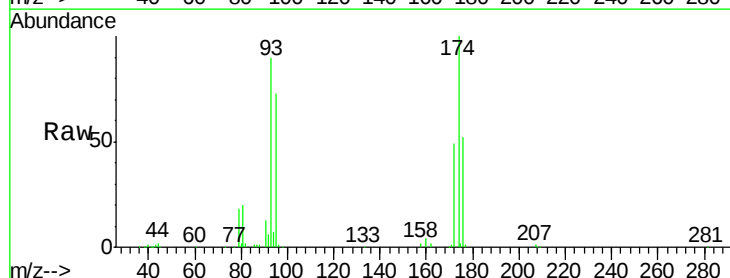
Tgt Ion: 93 Resp: 43280

Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

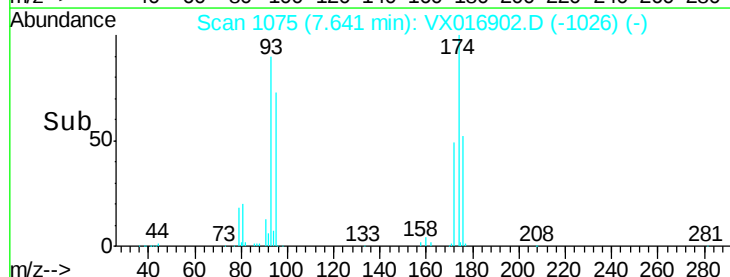
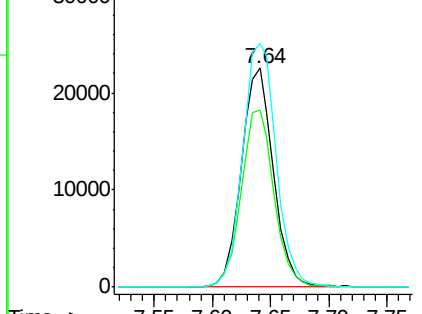
174 116.6 92.8 139.2

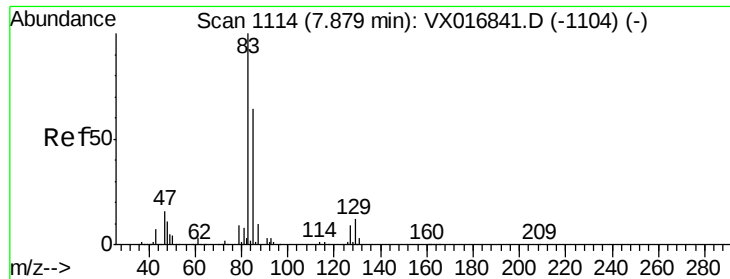


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.232 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

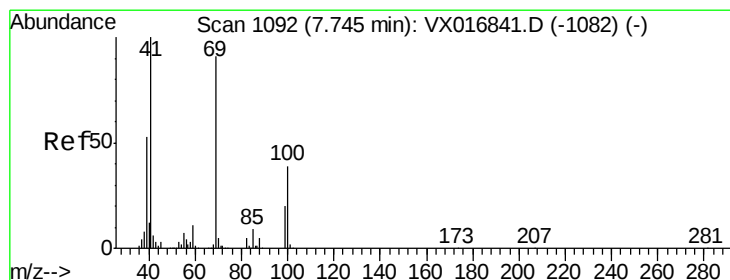
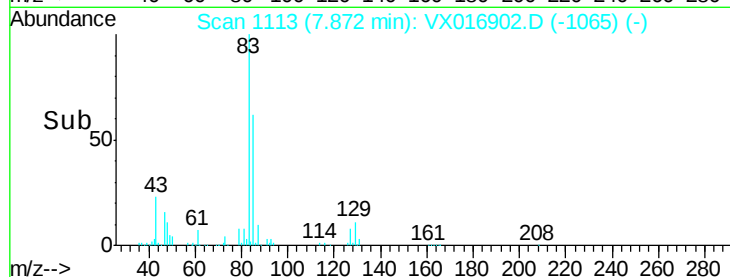
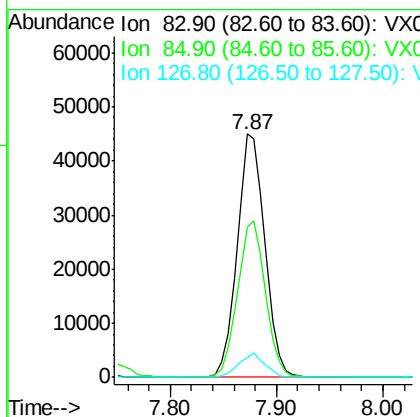
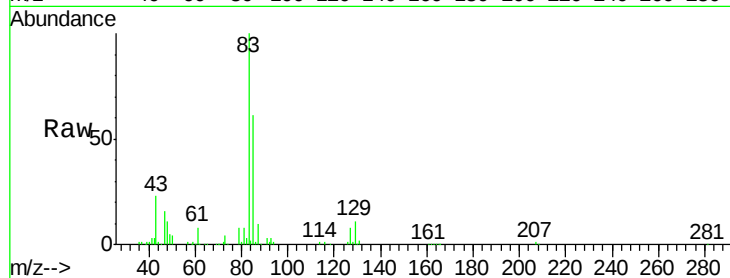
ClientSampleId :

VX0619WBSD02

Tot Ion:	83	Resp:	82208
Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.9	76.3
127	8.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.024 ug/l

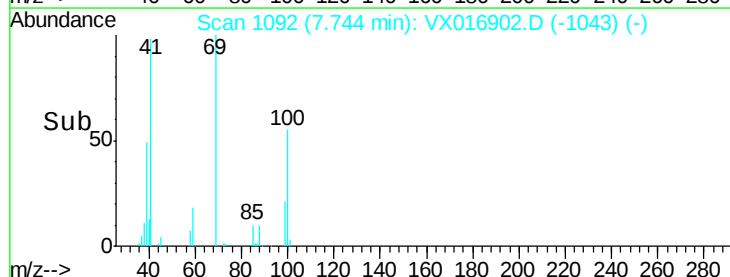
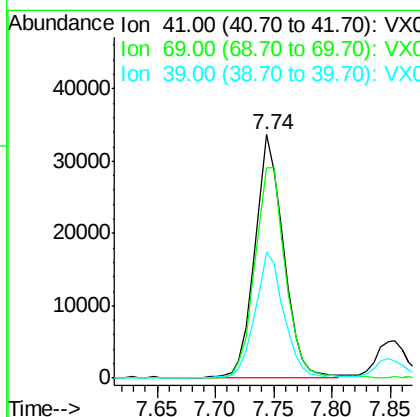
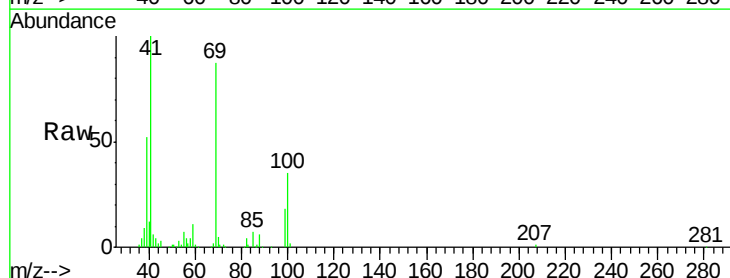
RT: 7.74 min Scan# 1092

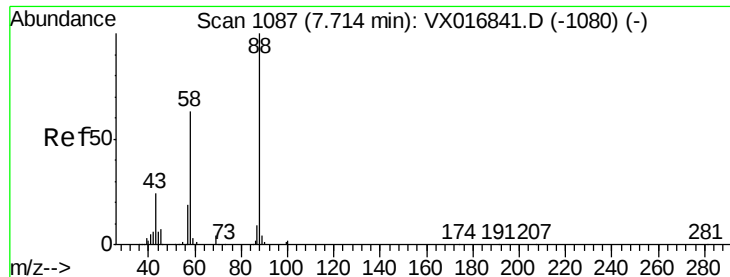
Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion:	41	Resp:	57580
Ion	Ratio	Lower	Upper
41	100		
69	92.6	73.3	109.9
39	52.2	42.4	63.6





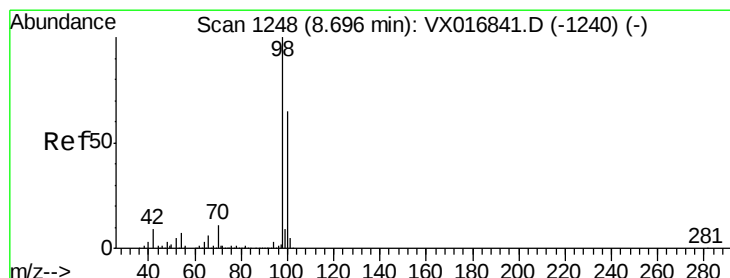
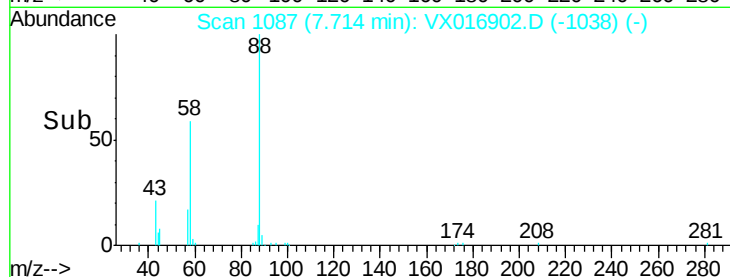
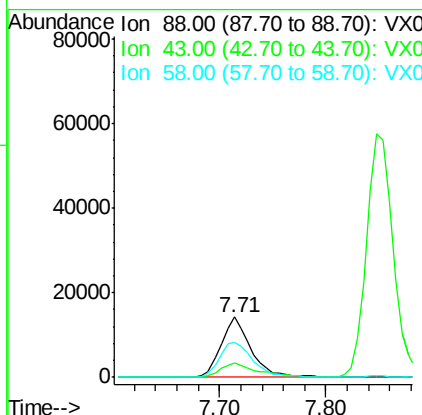
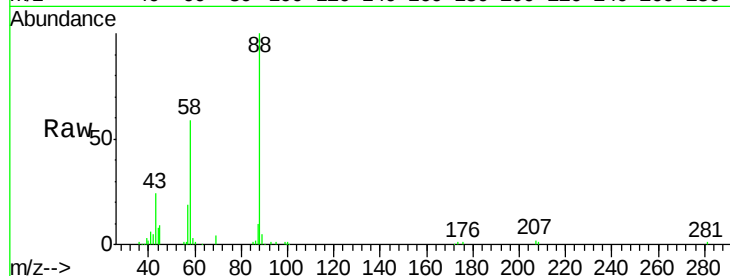
#49
1,4-Dioxane
Concen: 366.921 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.7	34.1
58	66.6	53.1	79.7

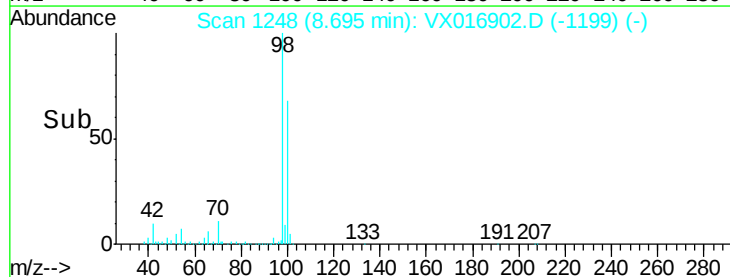
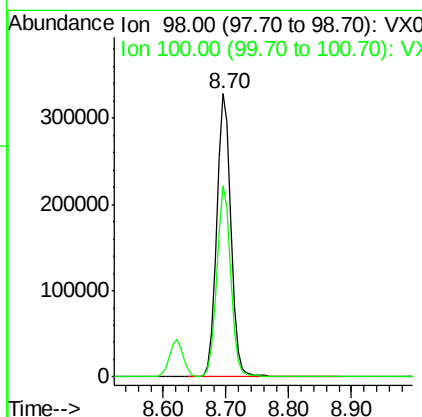
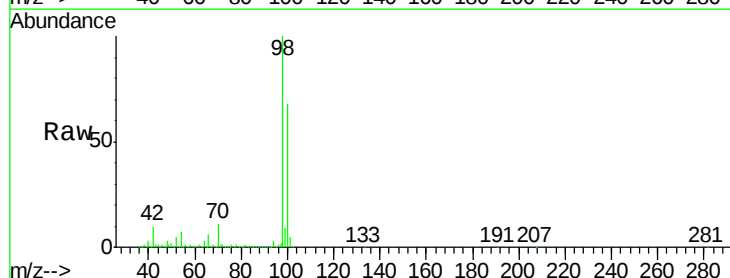
Manual Integrations
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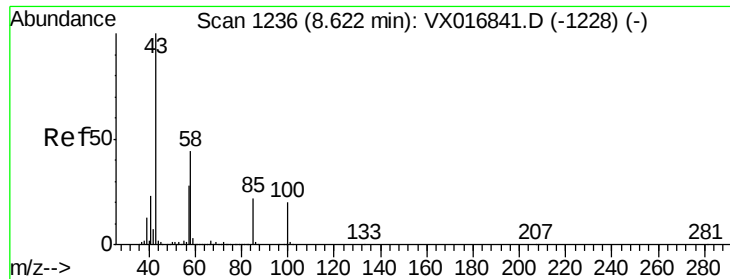
MMDadoda
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#50
Toluene-d8
Concen: 39.834 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 82.082 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampled :

VX0619WBSD02

Tot Ion: 43 Resp: 354598

Ion Ratio Lower Upper

43 100

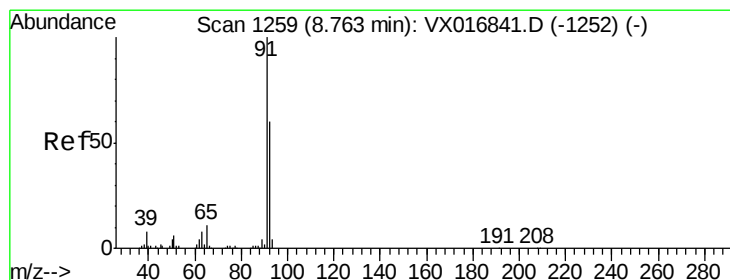
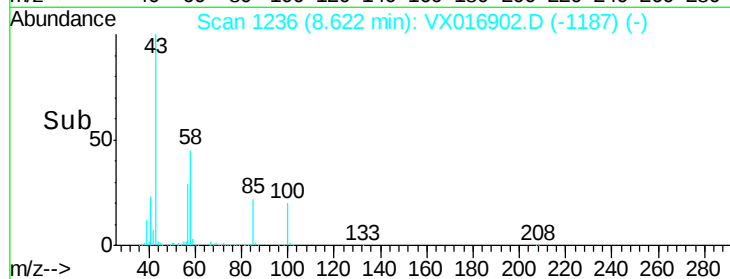
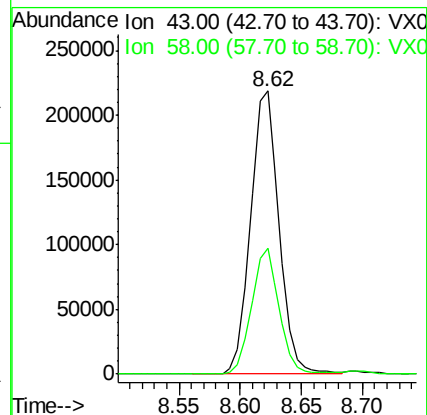
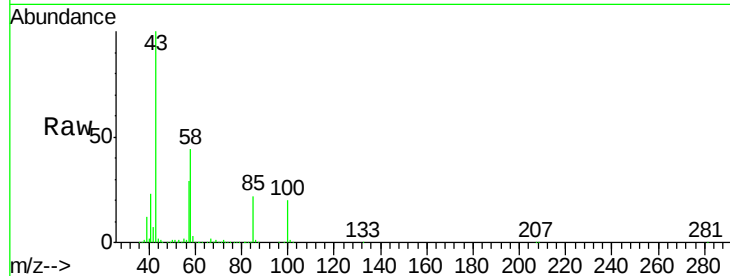
58 42.9 34.3 51.5

Manual Integrations

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#52

Toluene

Concen: 15.384 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016902.D

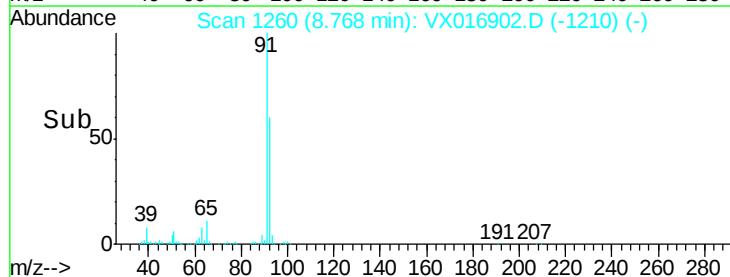
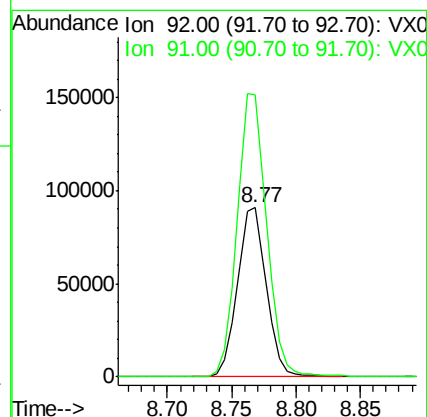
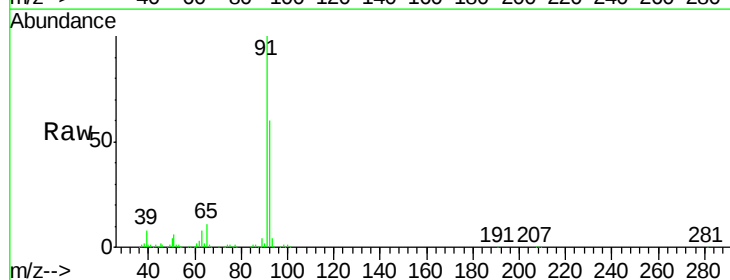
Acq: 20 Jun 2020 02:51

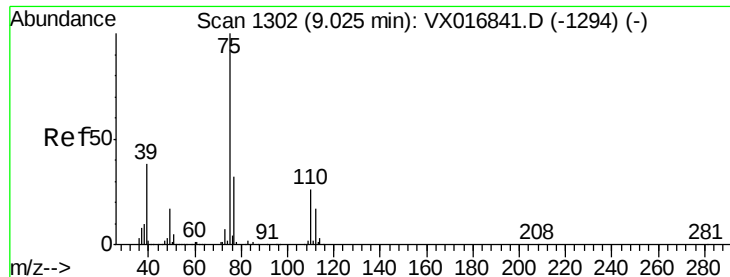
Tgt Ion: 92 Resp: 142555

Ion Ratio Lower Upper

92 100

91 171.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 15.375 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 75 Resp: 85607

Ion Ratio Lower Upper

75 100

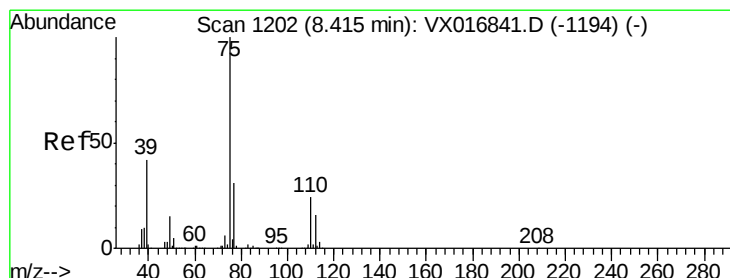
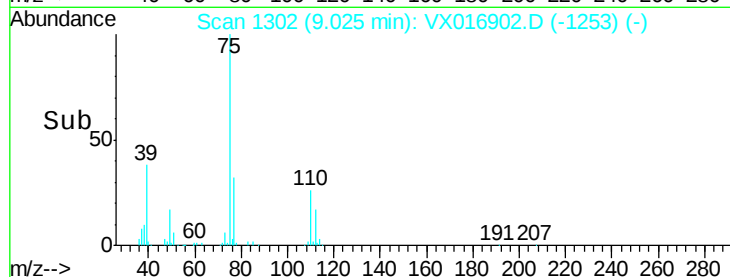
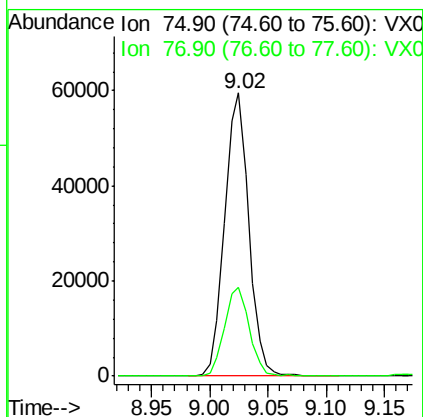
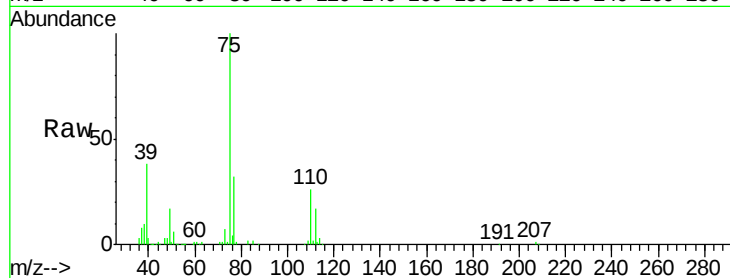
77 31.6 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 16.357 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

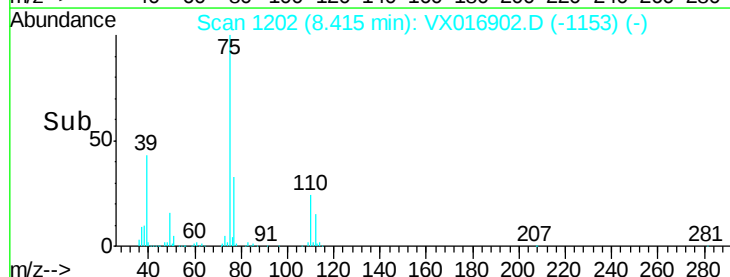
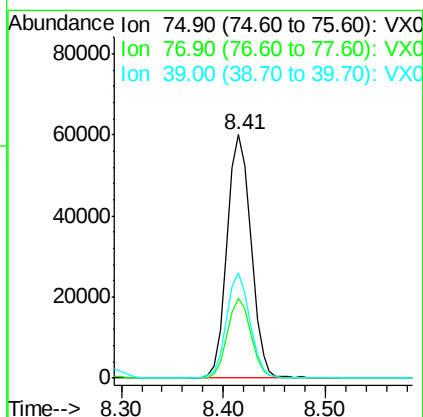
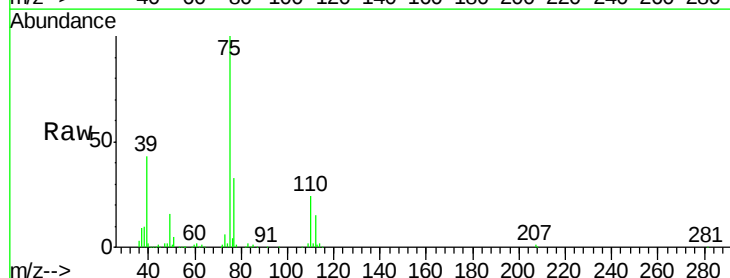
Tgt Ion: 75 Resp: 97429

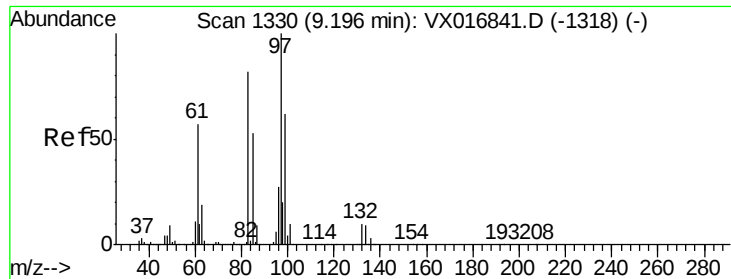
Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

39 43.0 33.4 50.0





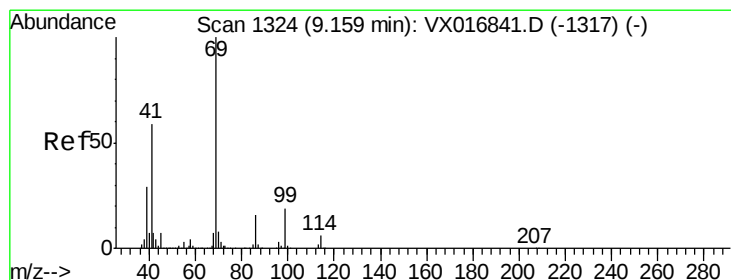
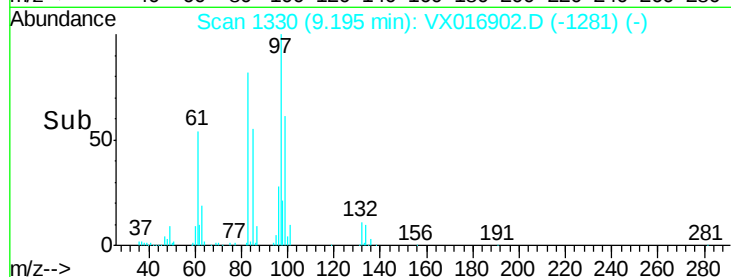
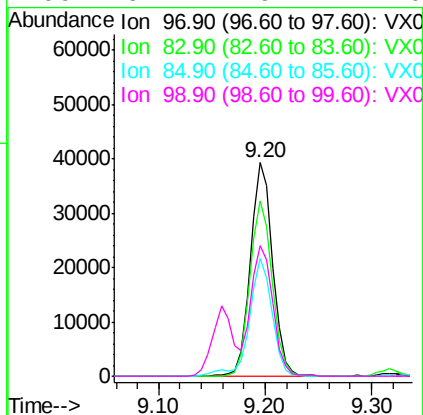
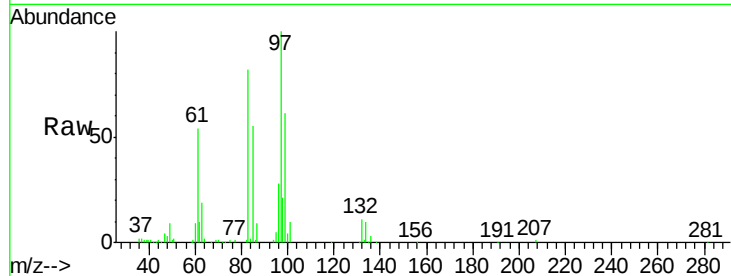
#55
 1,1,2-Trichloroethane
 Concen: 16.503 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		57736		
83	81.9	65.5	98.3		
85	55.0	42.6	63.8		
99	61.4	49.4	74.0		

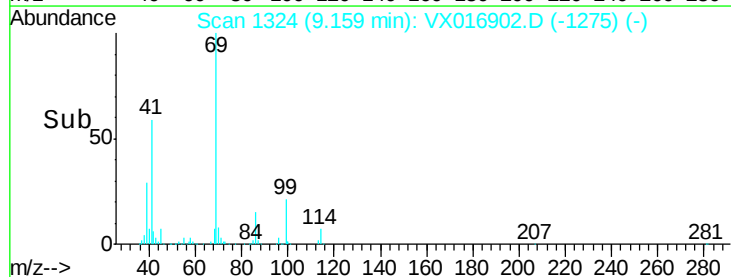
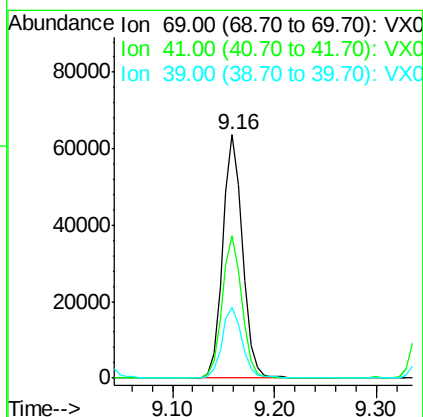
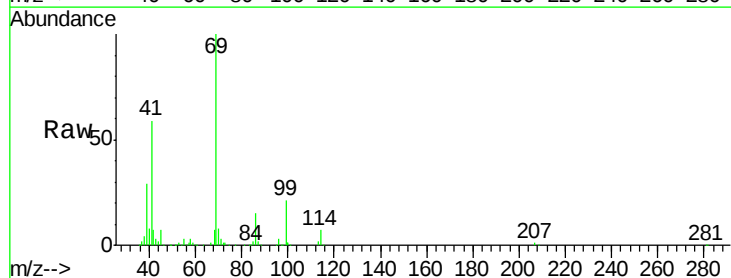
Manual Integrations
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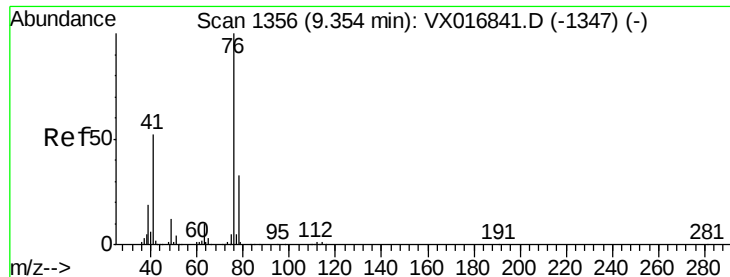
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#56
 Ethyl methacrylate
 Concen: 16.944 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		85817		
41	58.3	47.9	71.9		
39	30.2	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 20.442 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 76 Resp: 121239

Ion Ratio Lower Upper

76 100

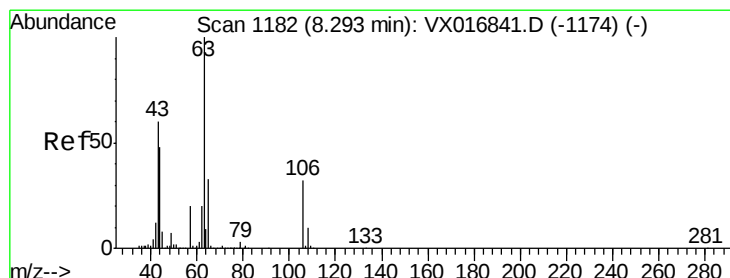
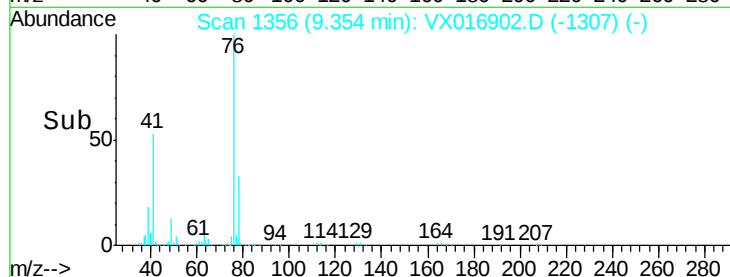
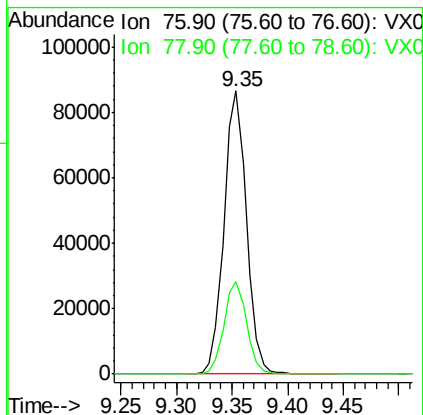
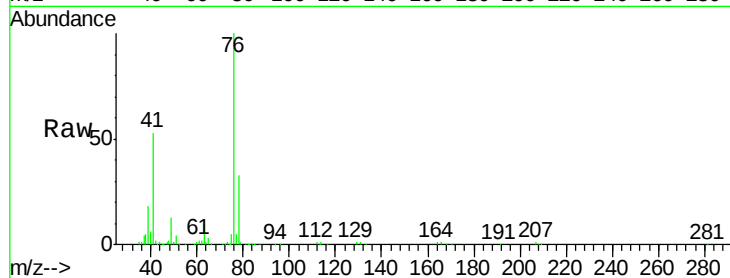
78 33.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 92.312 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016902.D

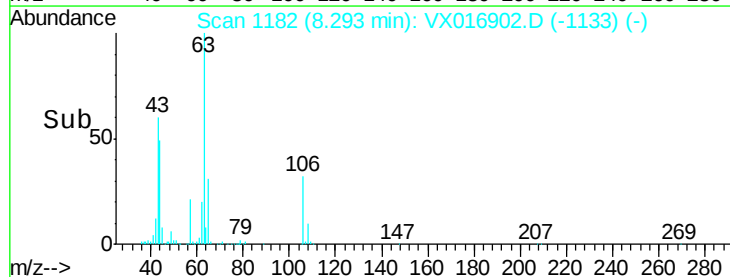
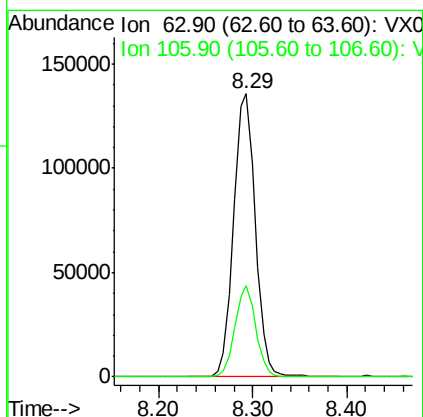
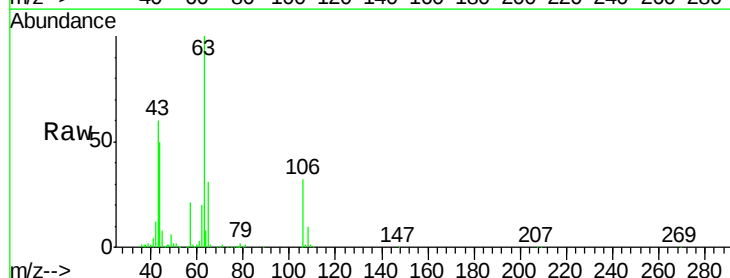
Acq: 20 Jun 2020 02:51

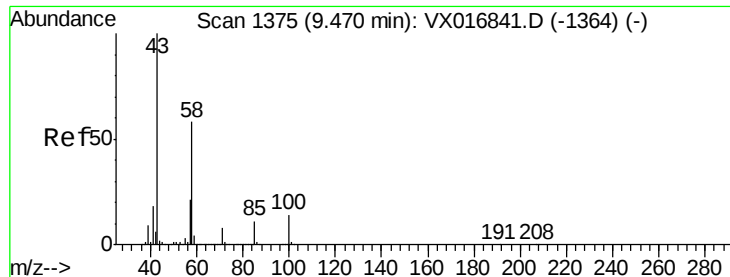
Tgt Ion: 63 Resp: 217547

Ion Ratio Lower Upper

63 100

106 31.2 25.8 38.6





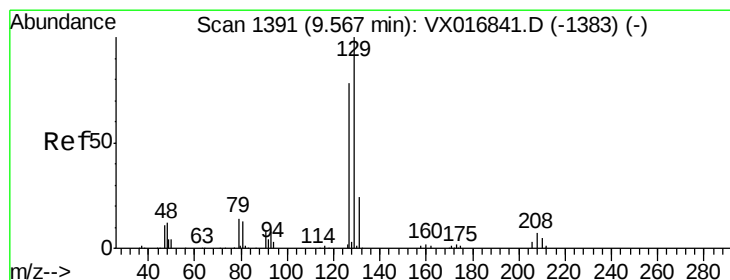
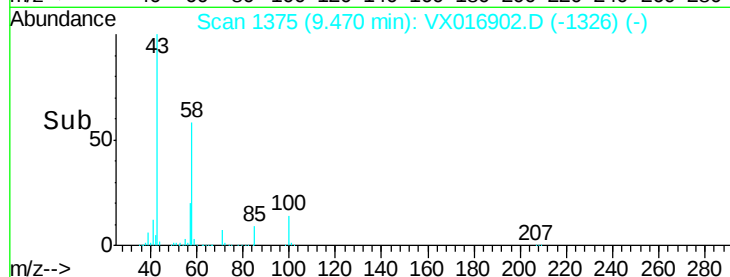
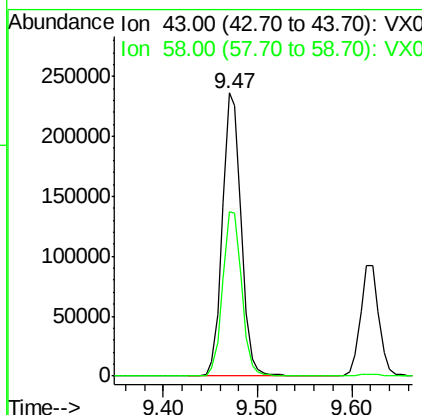
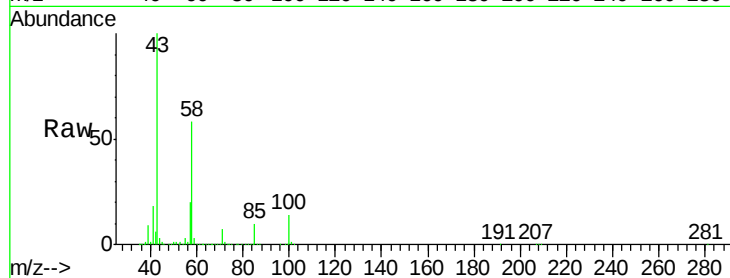
#59
2-Hexanone
Concen: 103.784 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.1	29.8	89.4

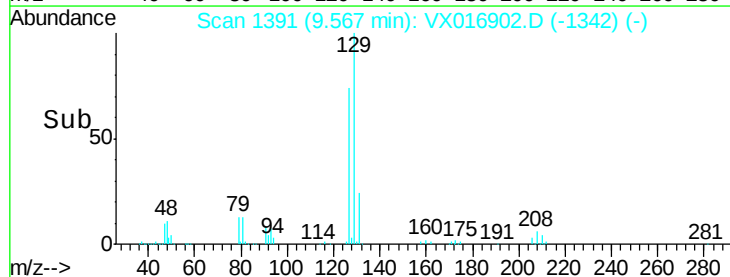
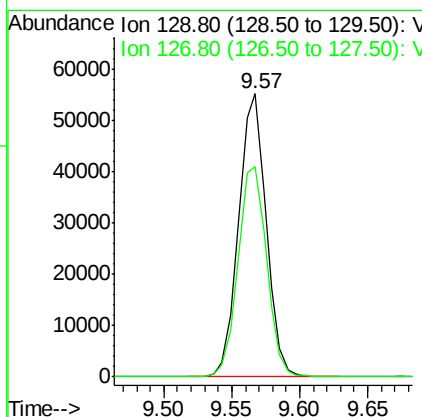
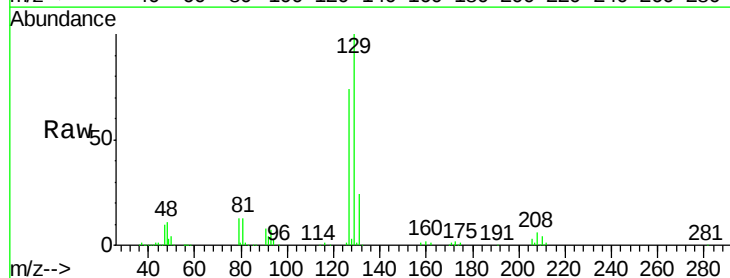
Manual Integrations
APPROVED

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#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.5





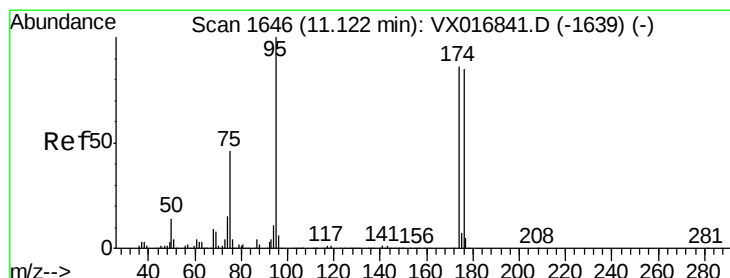
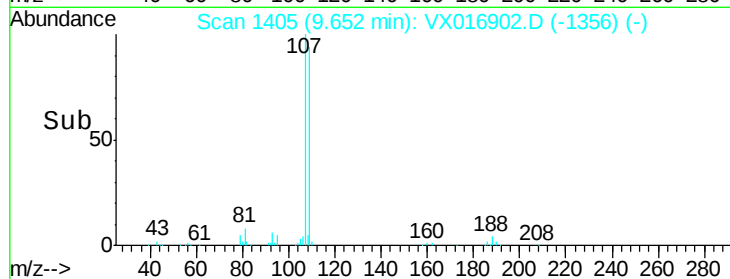
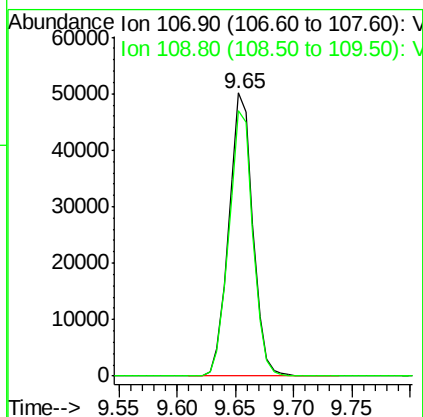
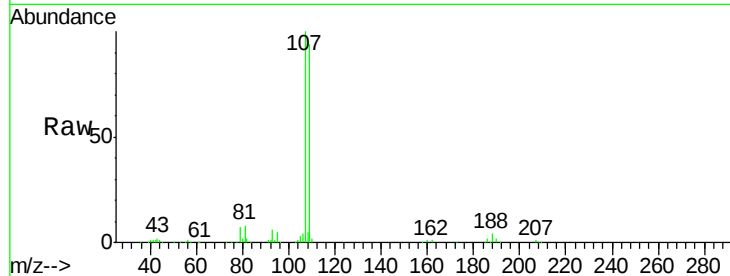
#61
 1,2-Dibromoethane
 Concen: 18.880 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	71681		
109	109	94.3	75.4	113.0	

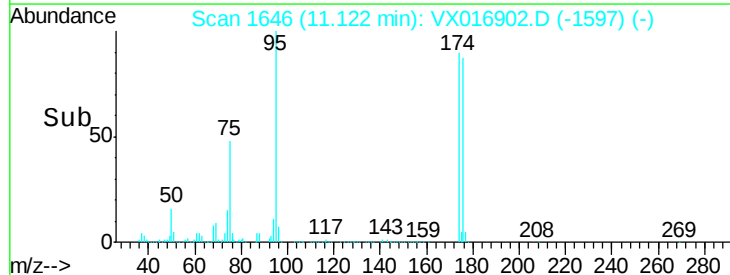
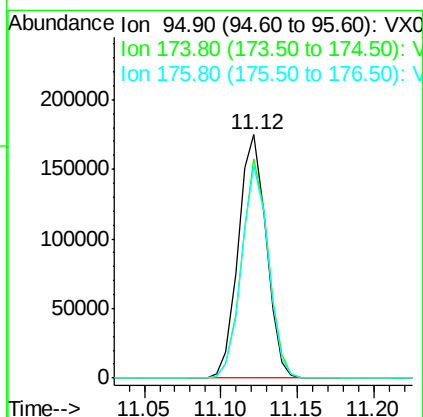
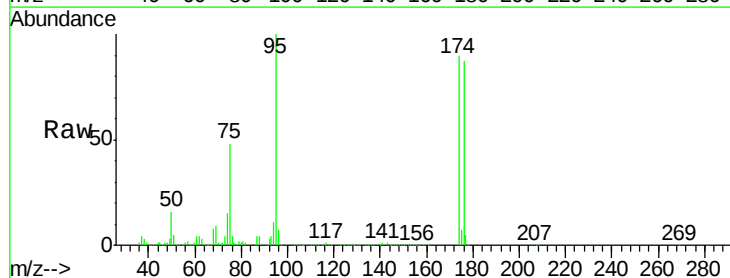
Manual Integrations
 APPROVED

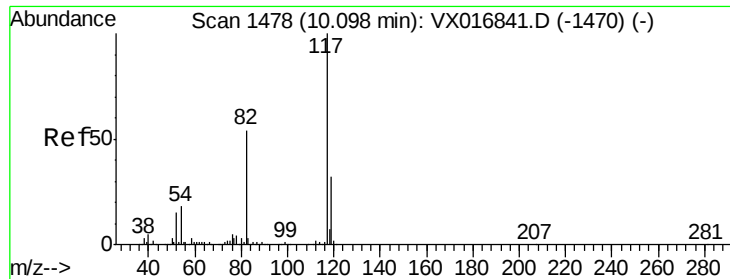
MMDadoda
 6/22/2020 12:22:35 PM



#62
 4-Bromofluorobenzene
 Concen: 44.749 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	95	100	221232		
174	174	86.0	0.0	174.2	
176	176	84.1	0.0	170.0	





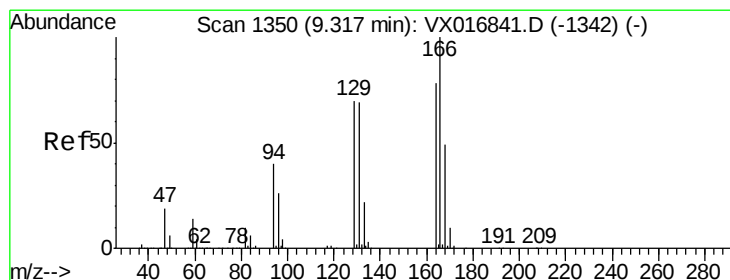
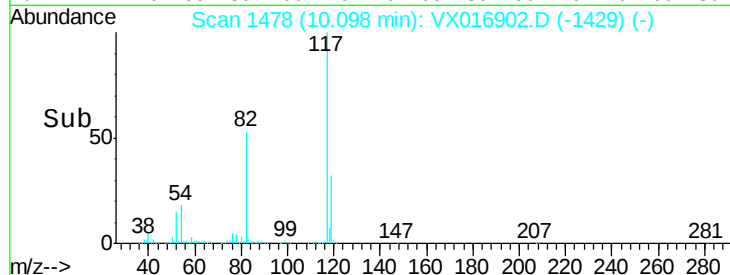
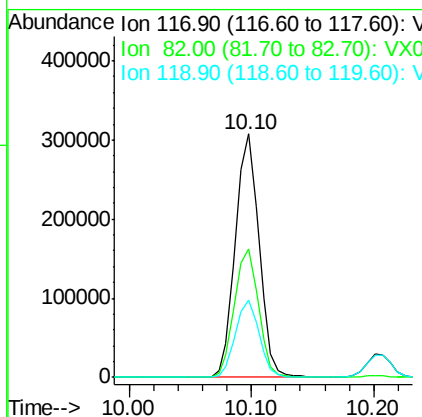
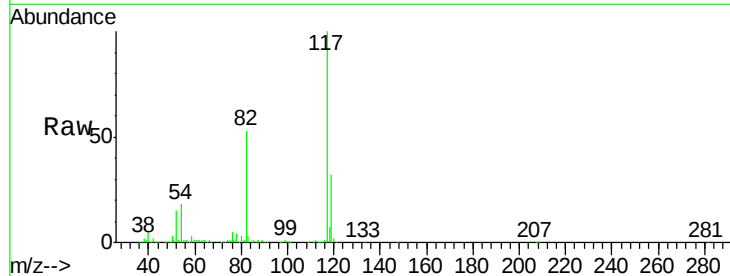
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.0
119	32.0	25.7	38.5

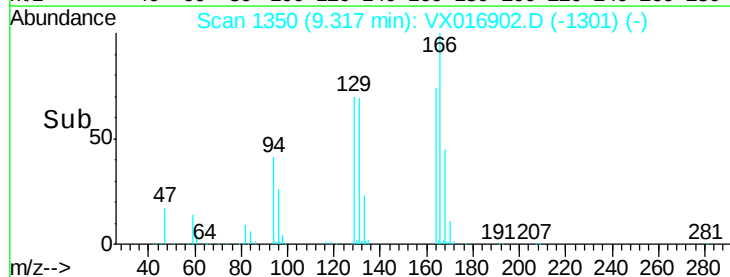
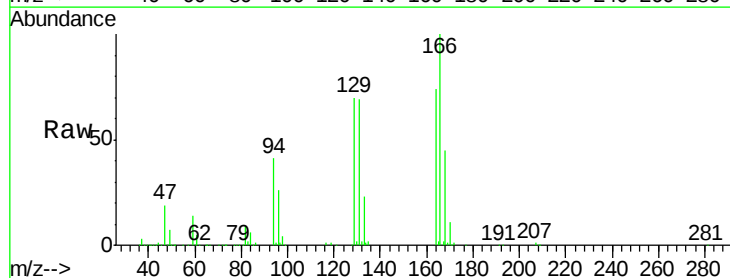
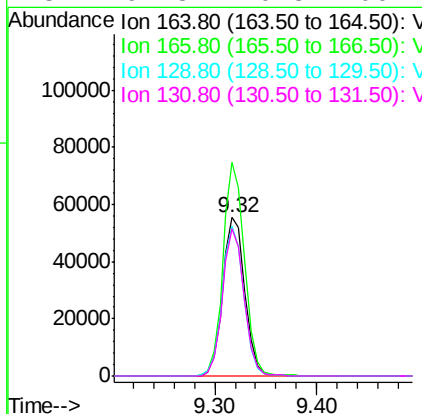
Manual Integrations
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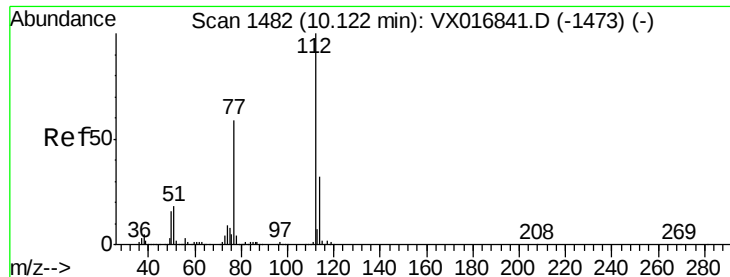
MMDadoda
6/22/2020 12:22:35 PM



#64
Tetrachloroethene
Concen: 21.956 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.9	102.6	153.8
129	94.9	72.2	108.2
131	92.8	70.8	106.2





#65

Chlorobenzene

Concen: 20.319 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion:112 Resp: 169062

Ion Ratio Lower Upper

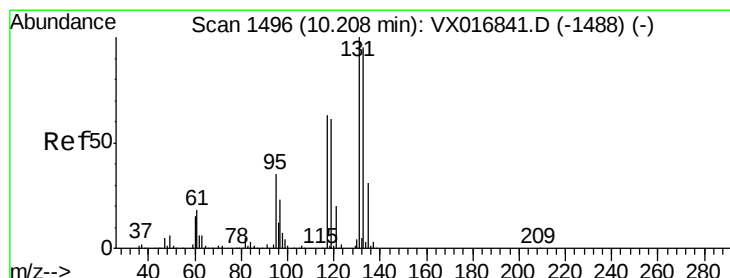
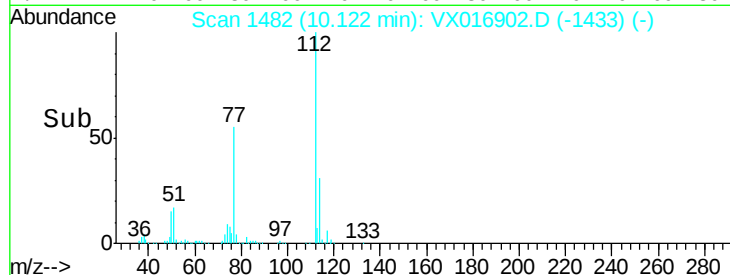
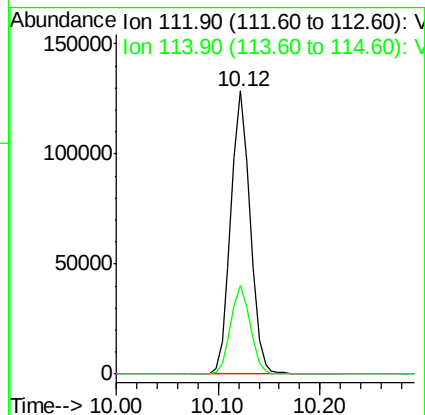
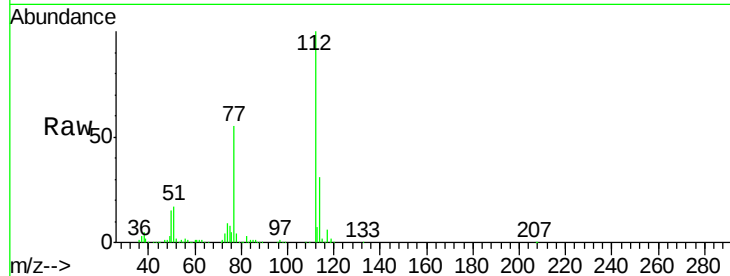
112 100

114 31.2 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.911 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

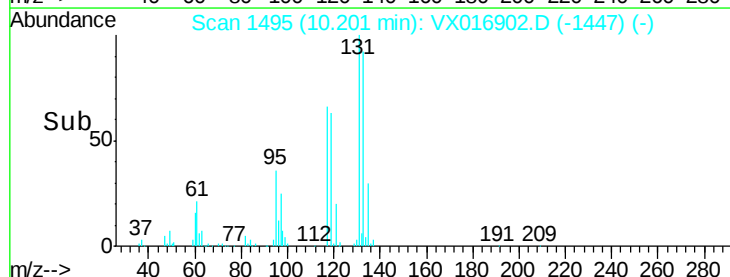
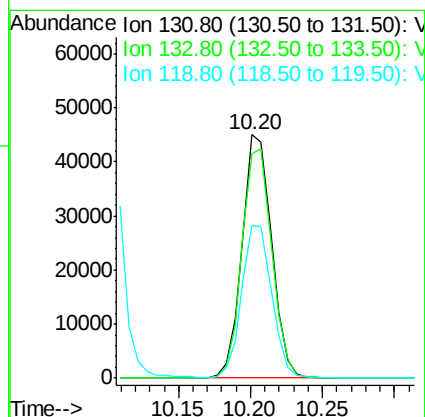
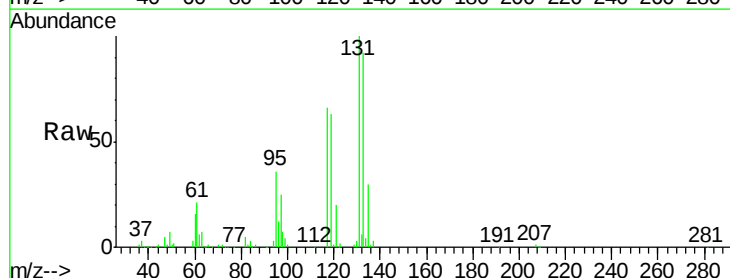
Tgt Ion:131 Resp: 64206

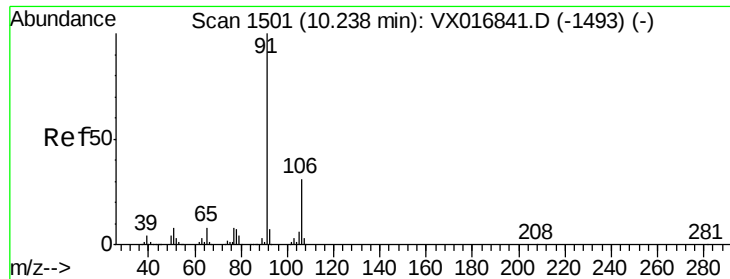
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 63.9 30.8 92.4





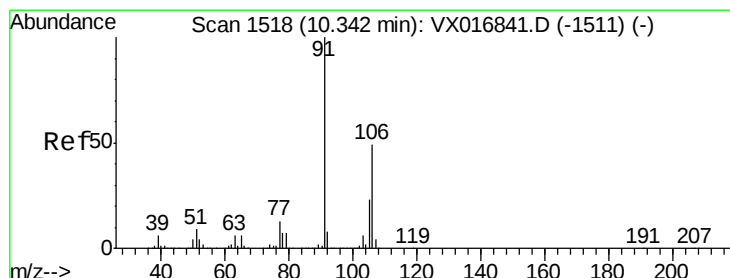
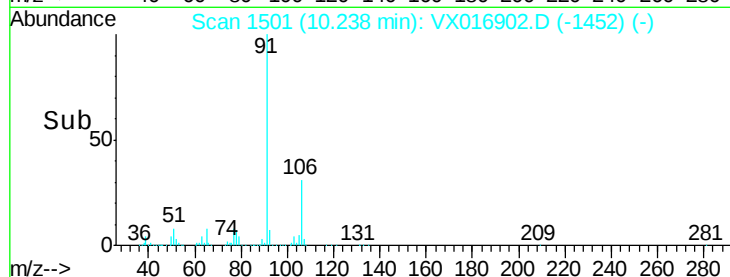
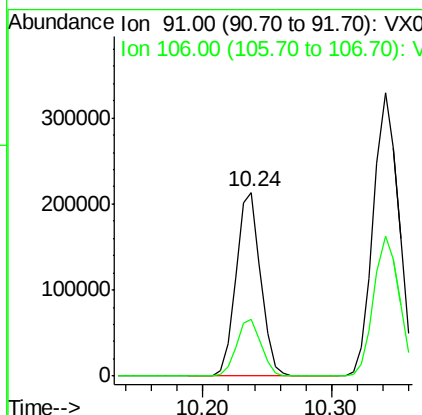
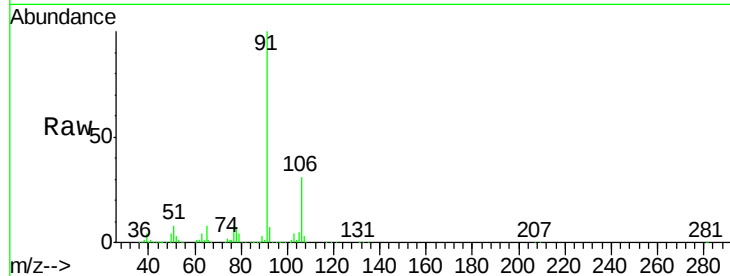
#67
Ethyl Benzene
Concen: 20.183 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampled :
VX0619WBSD02

Tot Ion: 91 Resp: 283343
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

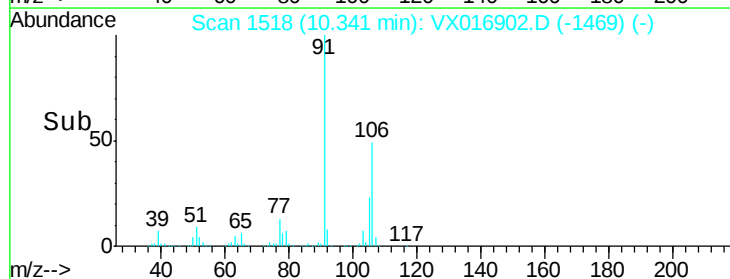
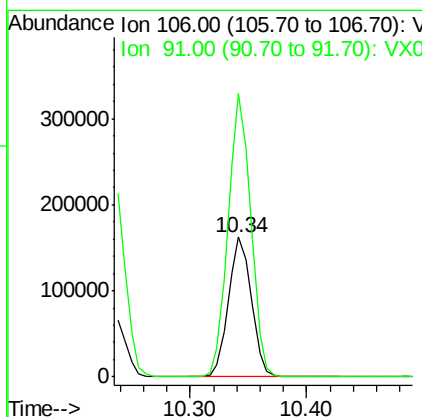
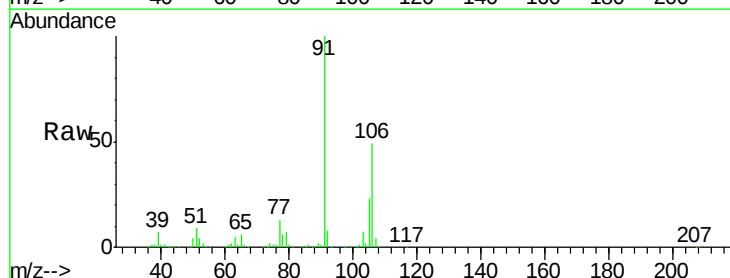
Manual Integrations
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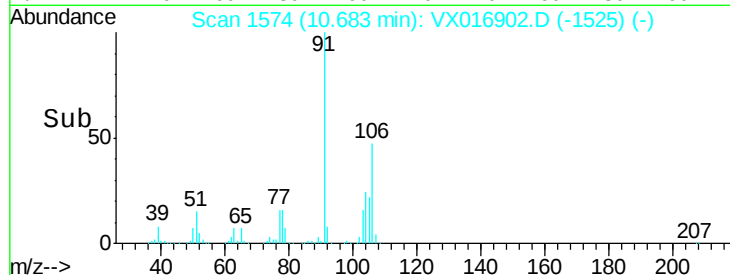
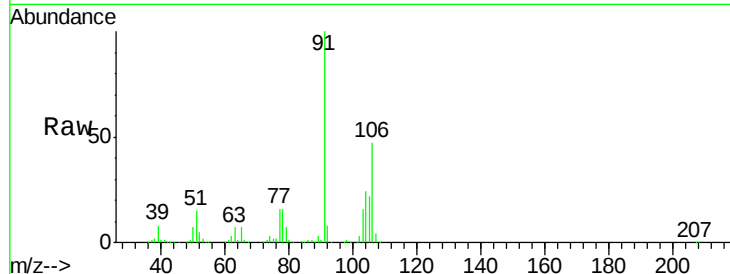
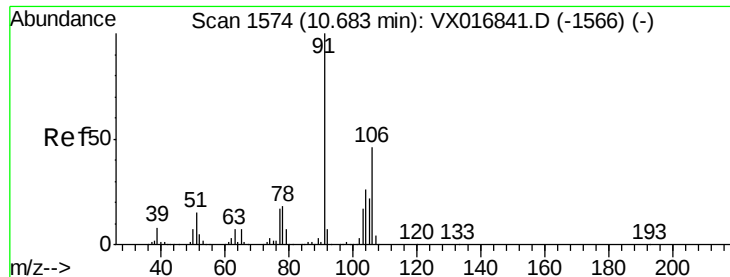
MMDadoda
6/22/2020 12:22:35 PM



#68
m/p-Xylenes
Concen: 40.681 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion: 106 Resp: 222236
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3





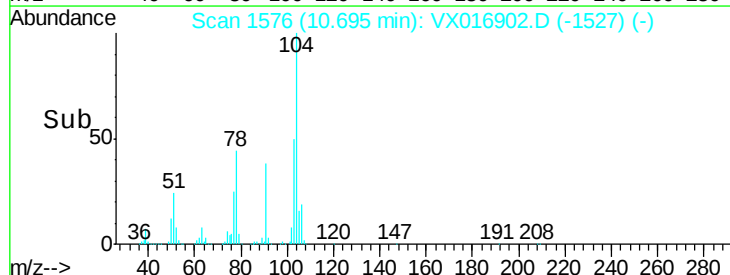
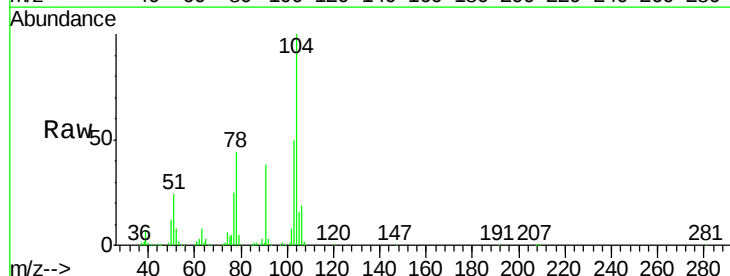
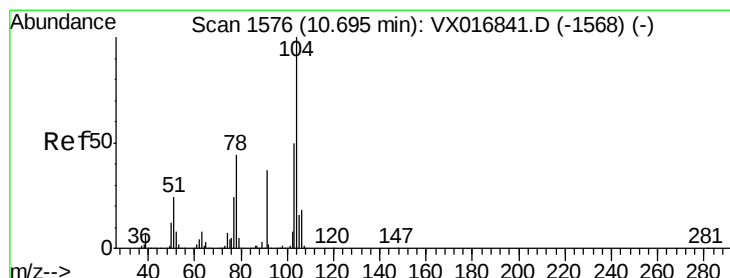
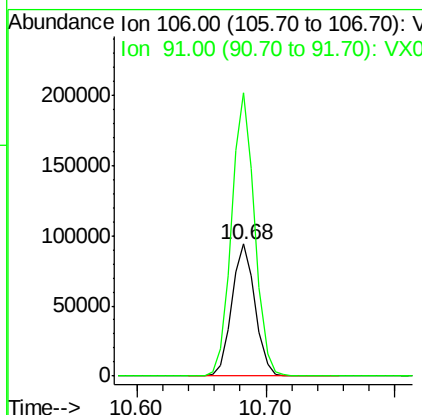
#69
o-Xylene
Concen: 23.466 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	118532		
91	212.4	107.9	323.7	

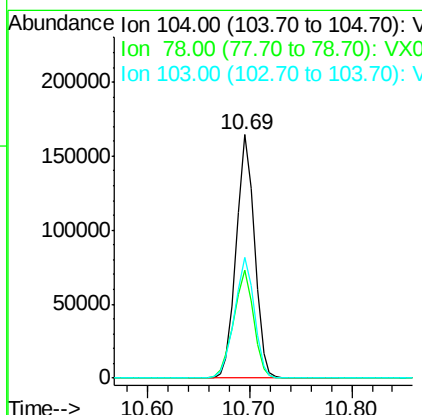
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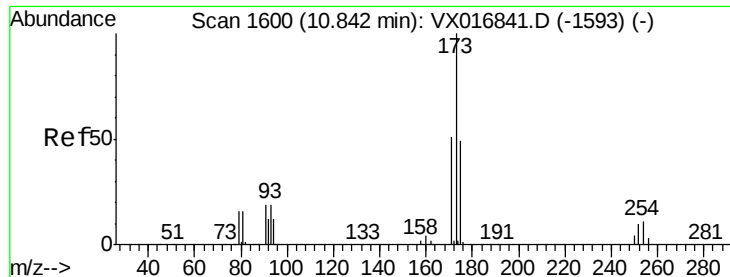
MMDadoda
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#70
Styrene
Concen: 23.648 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	202962		
78	48.7	39.6	59.4	
103	53.8	43.3	64.9	





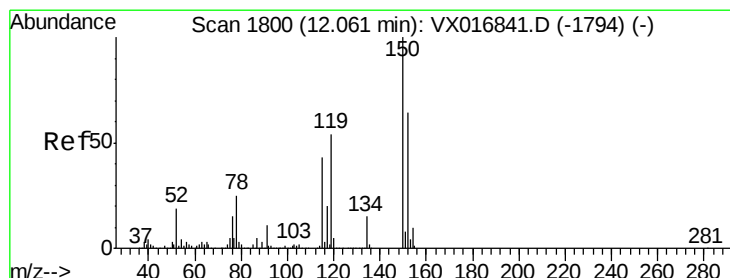
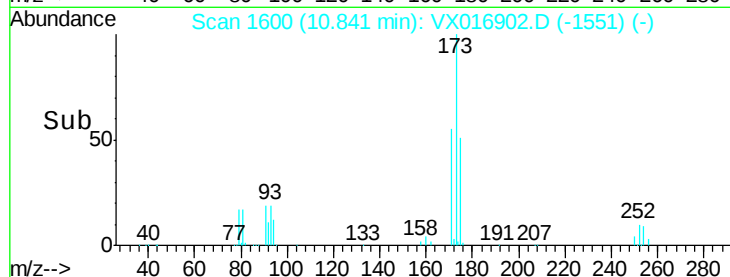
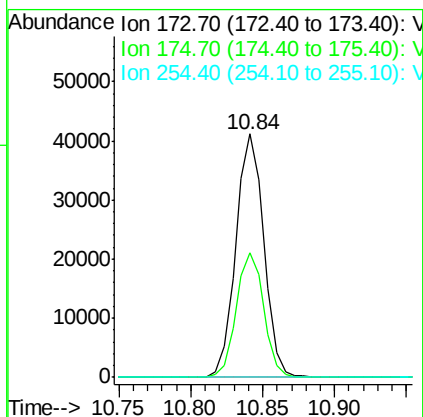
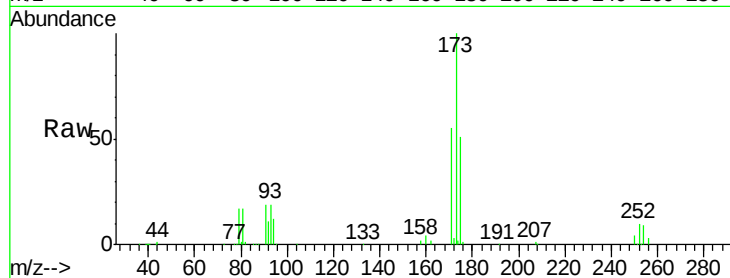
#71
Bromoform
Concen: 20.525 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.3	73.0
254	0.0	0.1	0.1#

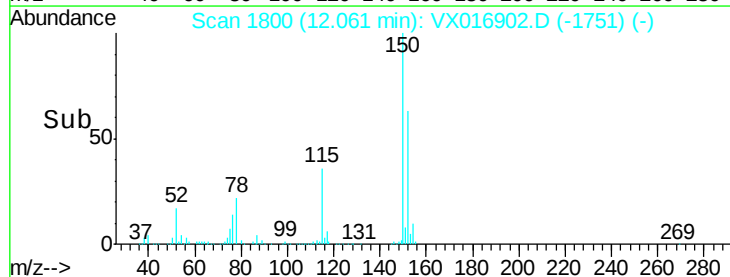
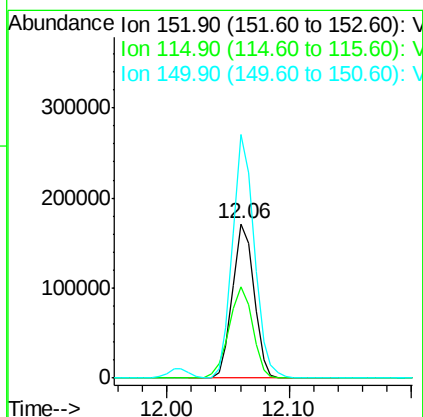
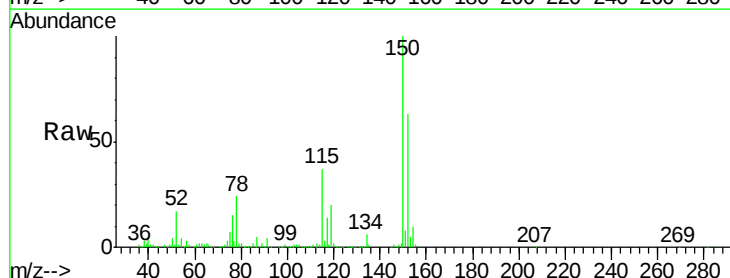
Manual Integrations
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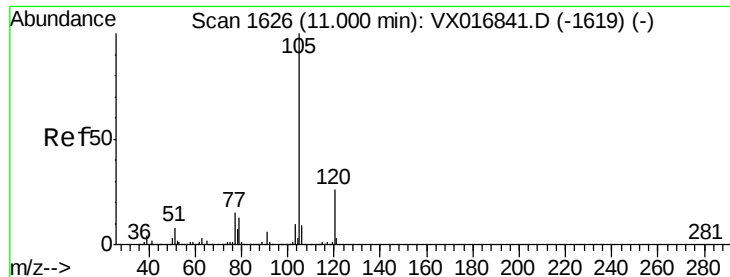
MMDadoda
6/22/2020 12:22:35 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	40.9	122.8
150	160.5	0.0	344.2





#73

Isopropylbenzene

Concen: 21.955 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion:105 Resp: 292679

Ion Ratio Lower Upper

105 100

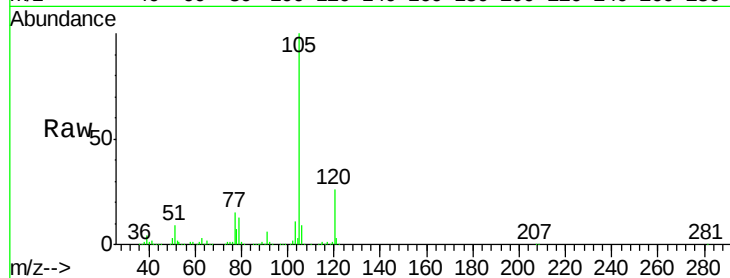
120 26.1 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

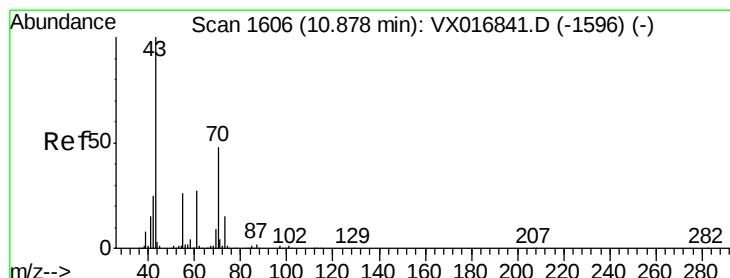
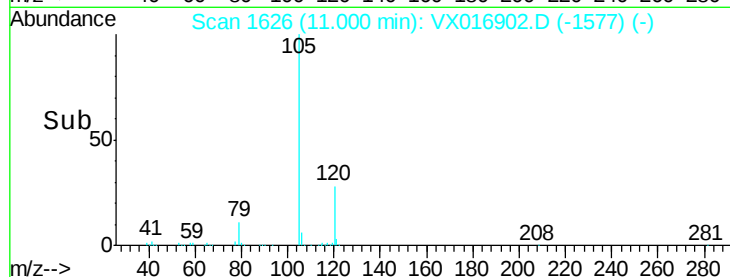
50000

0

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 24.431 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion: 43 Resp: 113726

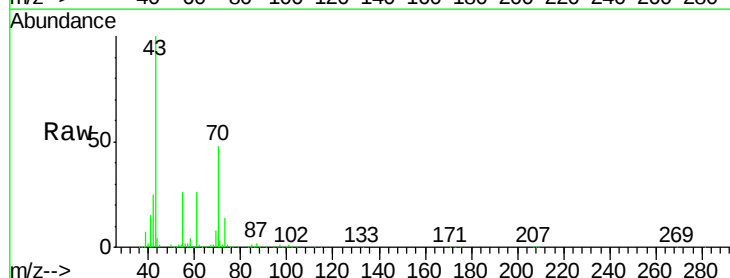
Ion Ratio Lower Upper

43 100

70 48.4 39.9 59.9

55 26.5 21.8 32.6

61 26.8 22.2 33.4



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

150000

100000

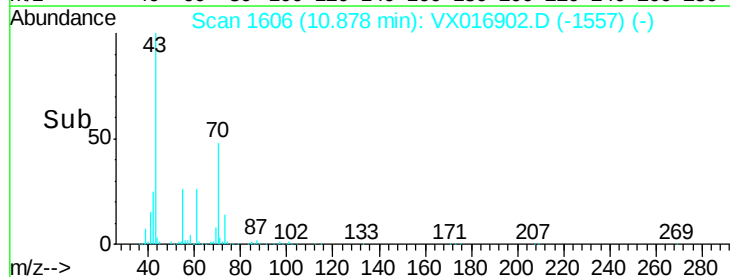
50000

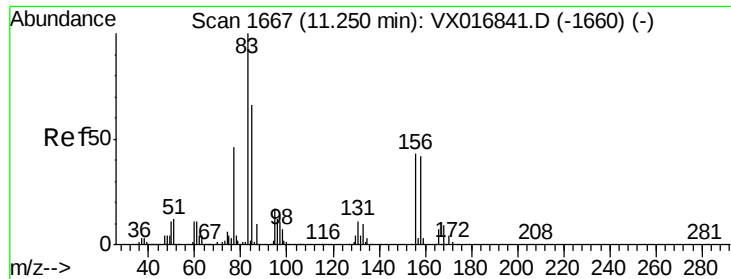
0

10.88

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.030 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 83 Resp: 82928

Ion Ratio Lower Upper

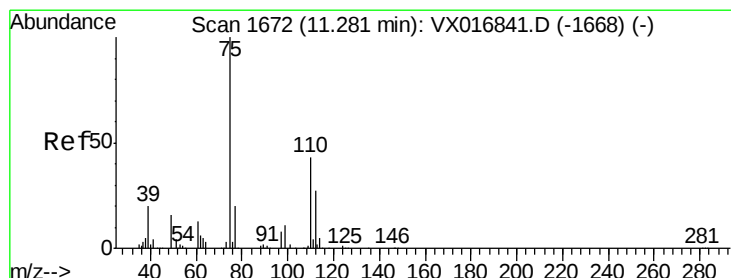
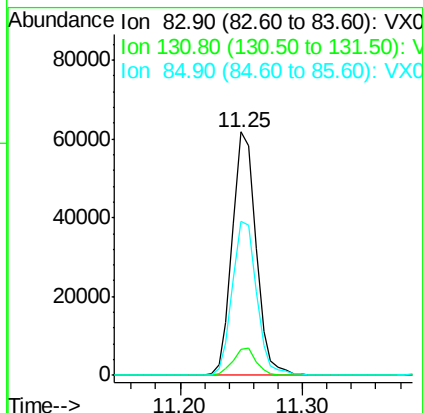
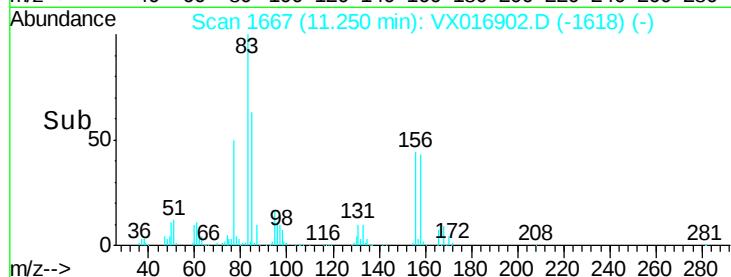
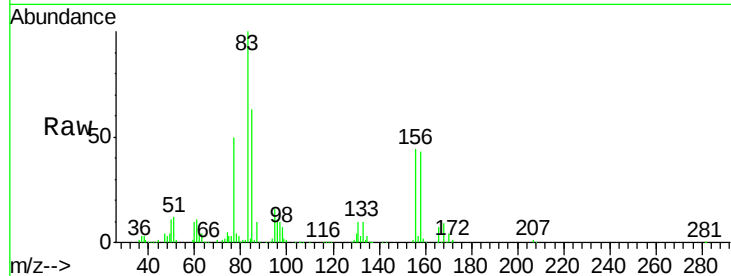
83 100

131 10.7 5.7 17.1

85 64.5 32.6 97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.393 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016902.D

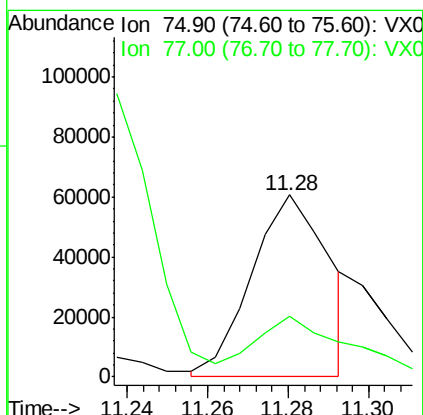
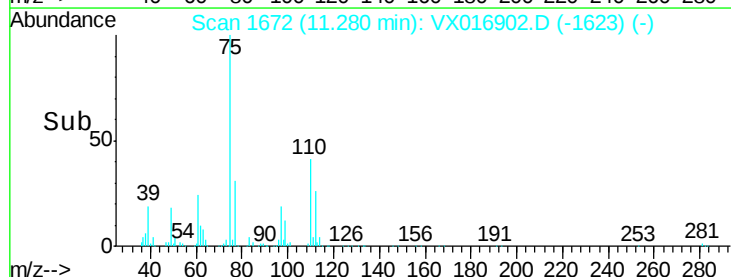
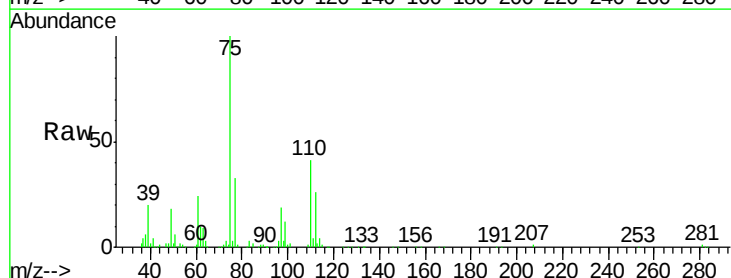
Acq: 20 Jun 2020 02:51

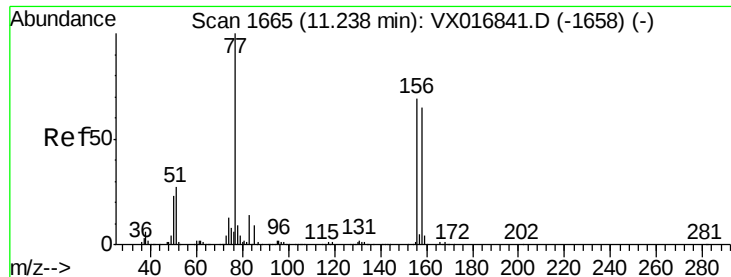
Tgt Ion: 75 Resp: 80895

Ion Ratio Lower Upper

75 100

77 40.6 20.5 61.5





#77

Bromobenzene

Concen: 21.975 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion:156 Resp: 79895

Ion Ratio Lower Upper

156 100

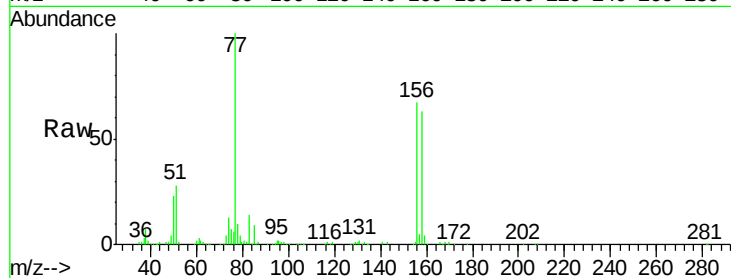
77 148.9 73.4 220.2

158 94.5 48.8 146.3

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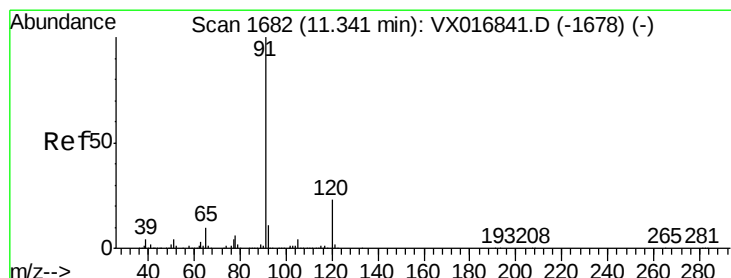
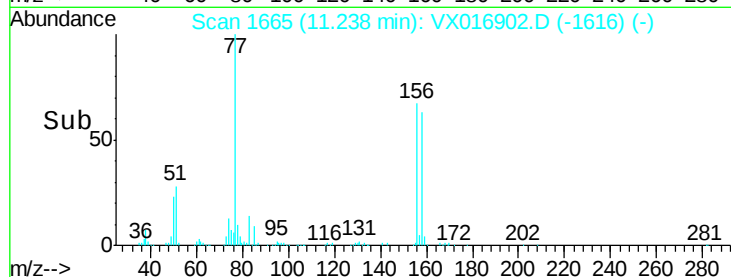
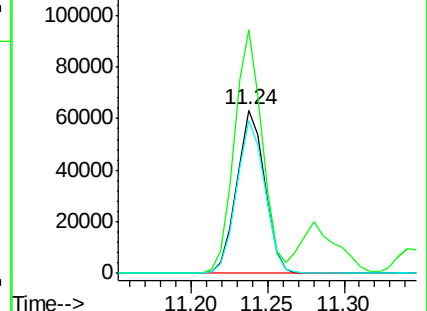
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.942 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016902.D

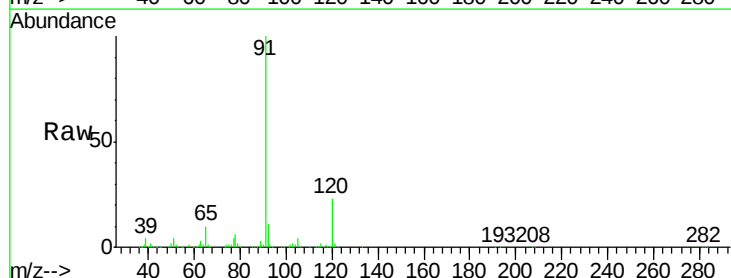
Acq: 20 Jun 2020 02:51

Tgt Ion: 91 Resp: 311561

Ion Ratio Lower Upper

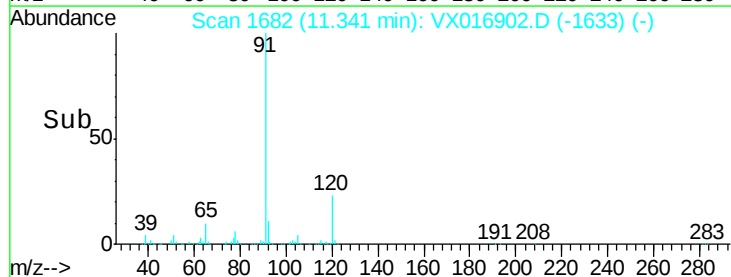
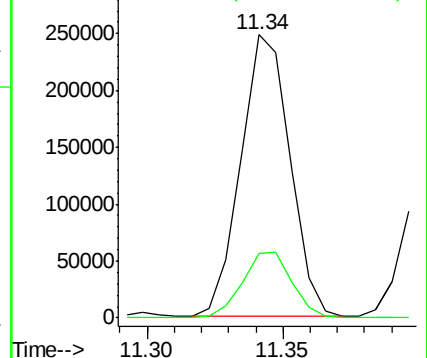
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.605 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion: 91 Resp: 187561

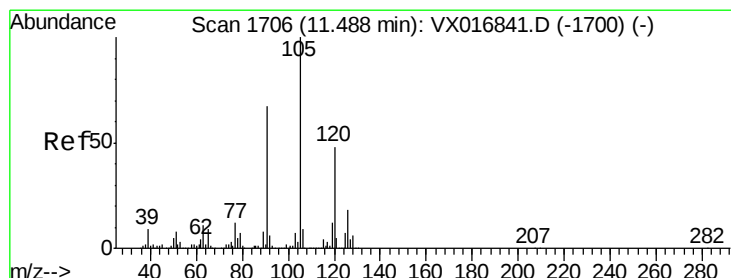
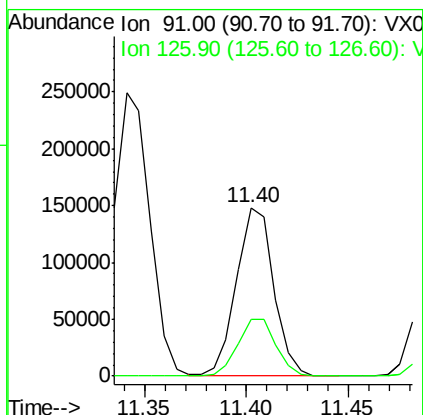
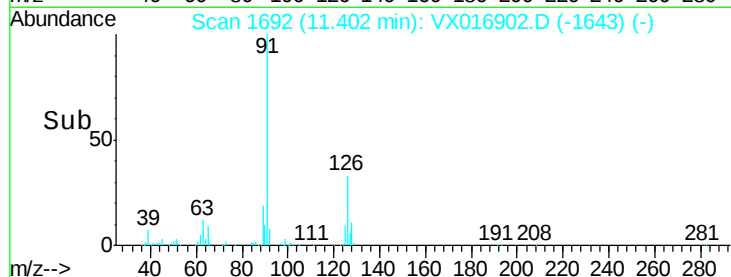
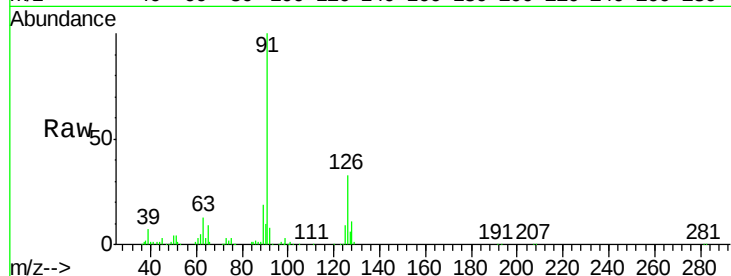
Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016902.D

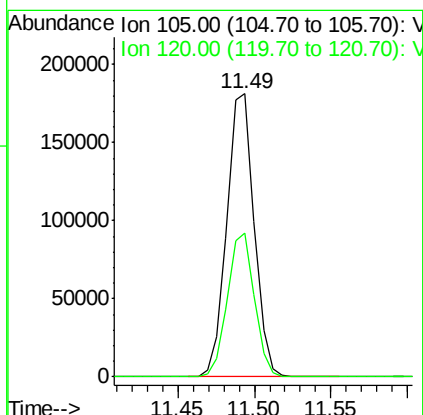
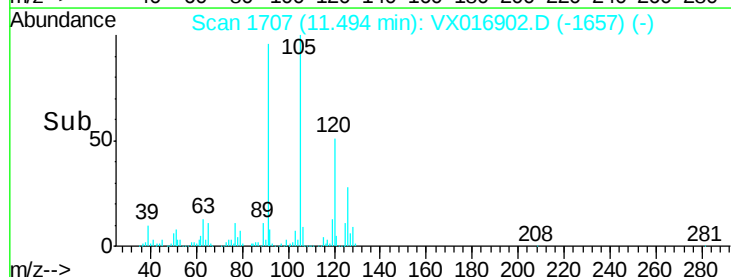
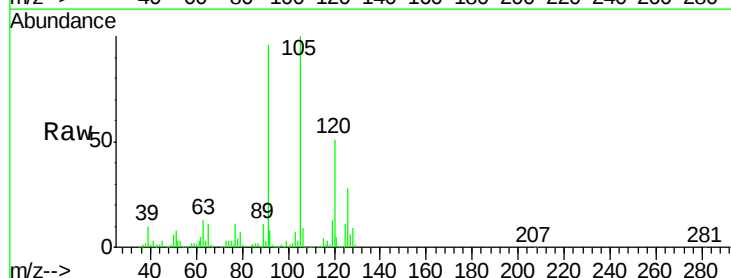
Acq: 20 Jun 2020 02:51

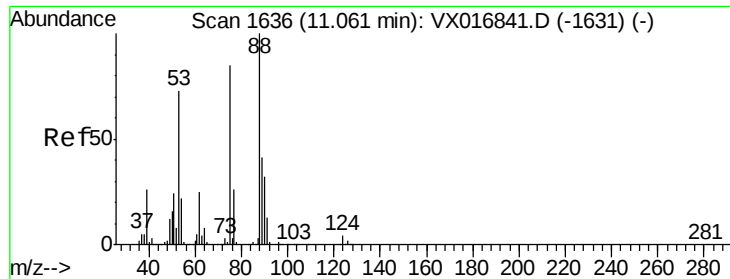
Tgt Ion: 105 Resp: 224544

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





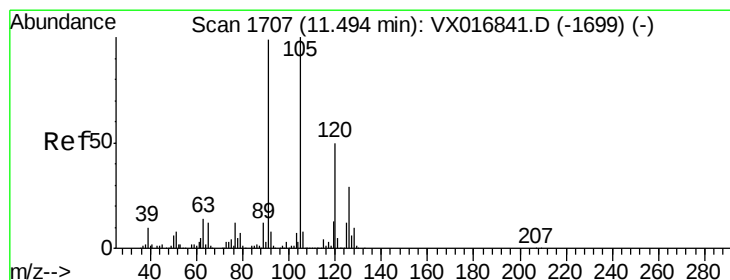
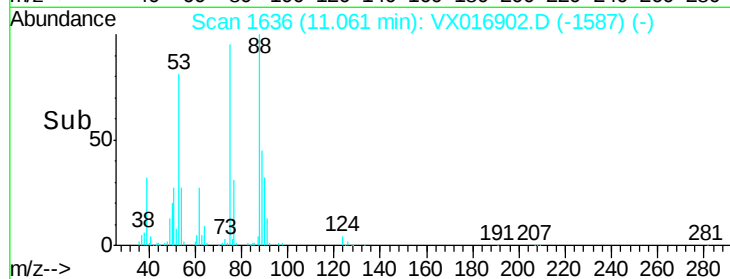
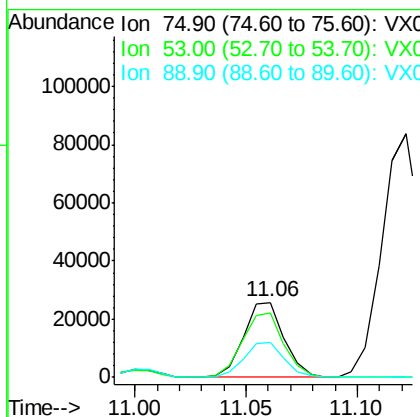
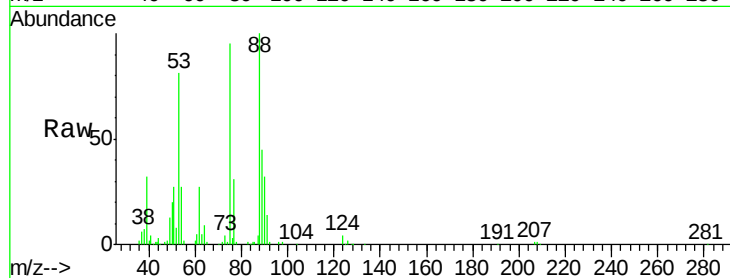
#81
trans-1,4-Dichloro-2-butene
Concen: 21.067 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.2	69.8	104.8
89	46.8	38.3	57.5

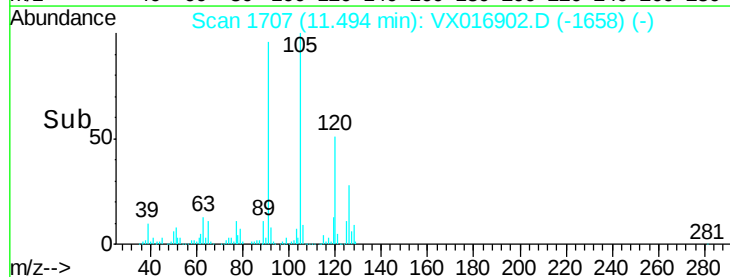
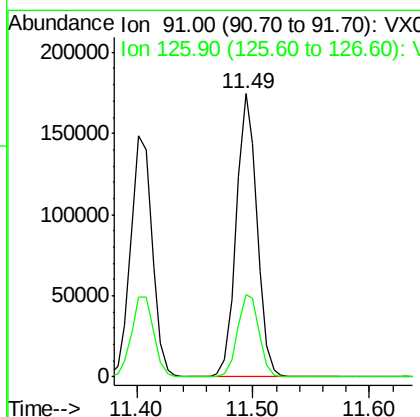
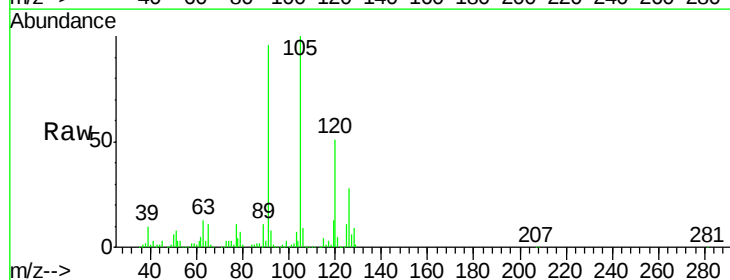
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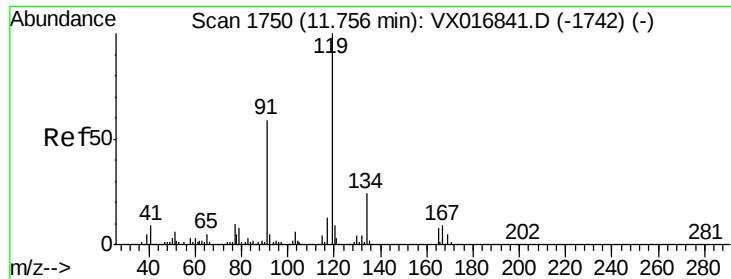
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.871 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.0	45.0





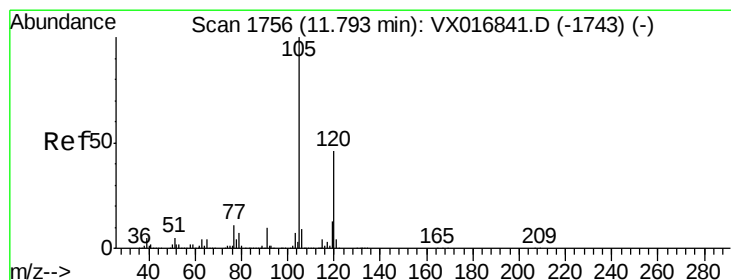
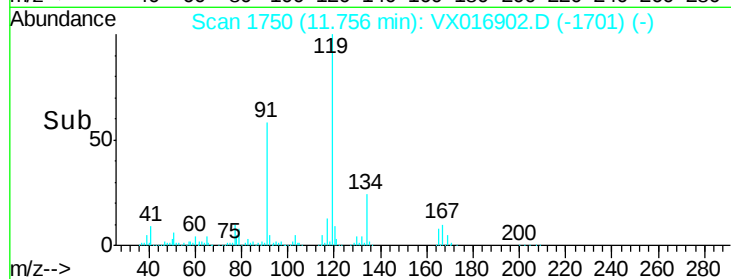
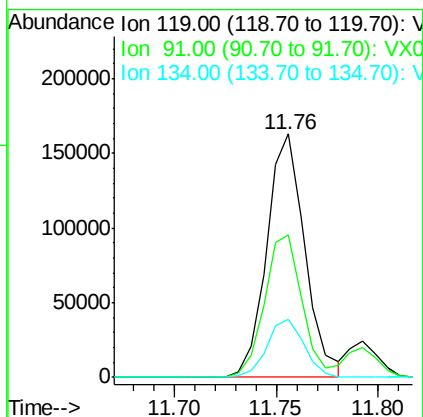
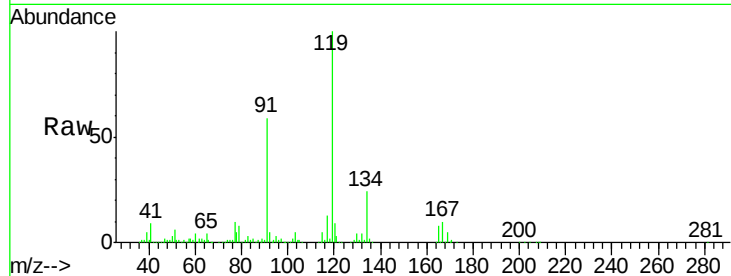
#83
tert-Butylbenzene
Concen: 18.561 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211234		
91	57.5	28.5	85.5	
134	23.4	11.7	35.1	

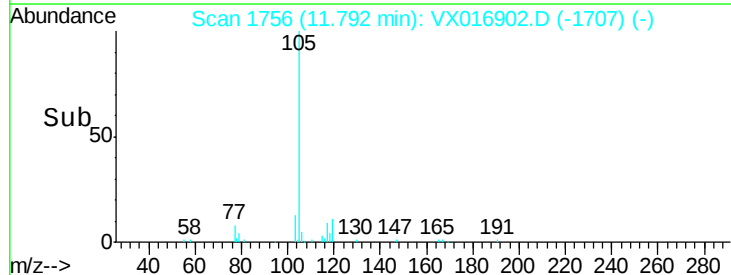
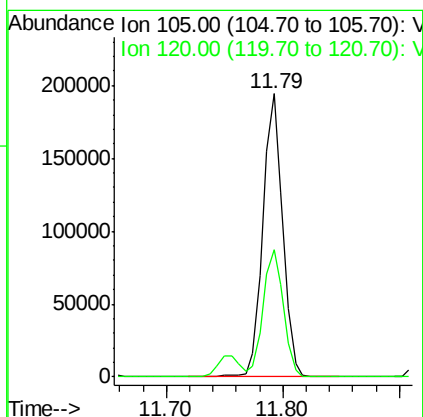
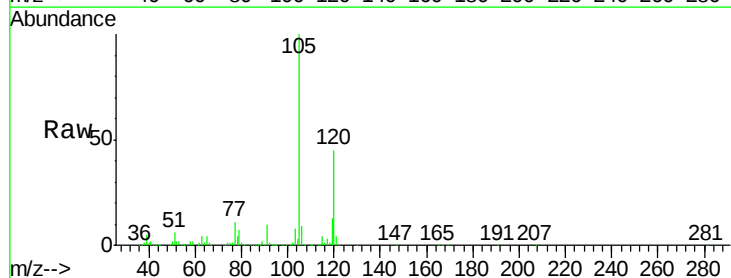
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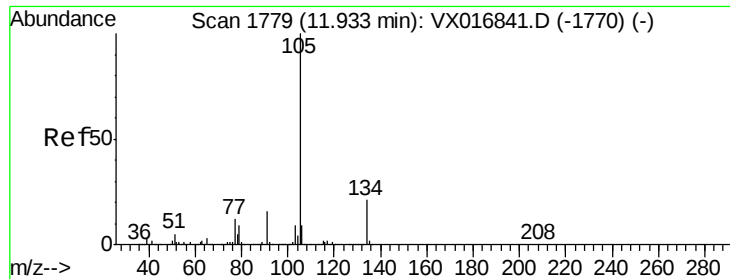
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#84
1,2,4-Trimethylbenzene
Concen: 19.335 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229084		
120	46.1	22.3	66.9	





#85

sec-Butylbenzene

Concen: 18.732 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD02

Tot Ion:105 Resp: 247584

Ion Ratio Lower Upper

105 100

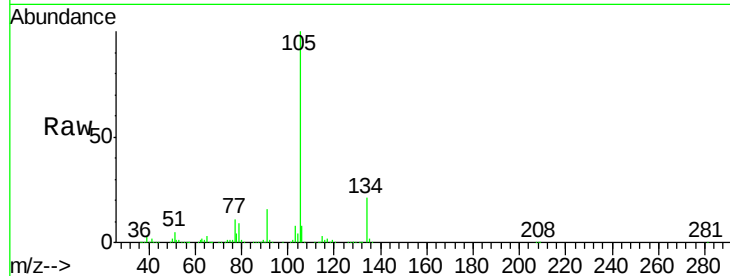
134 20.5 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

150000

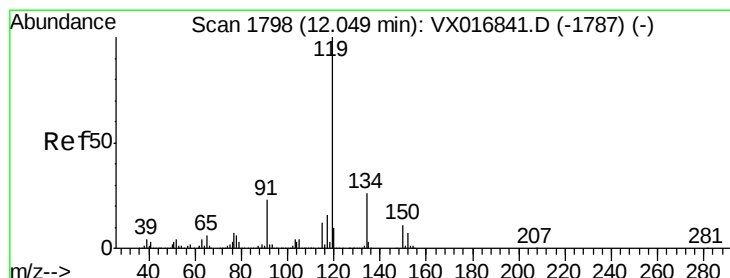
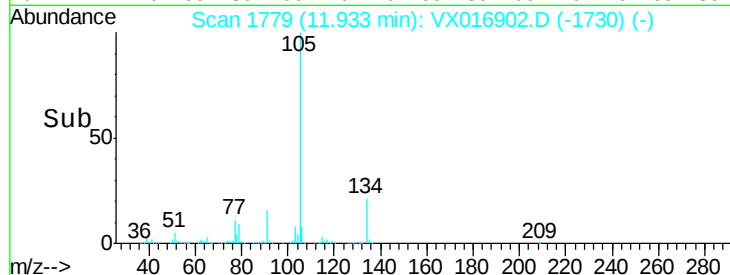
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.031 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

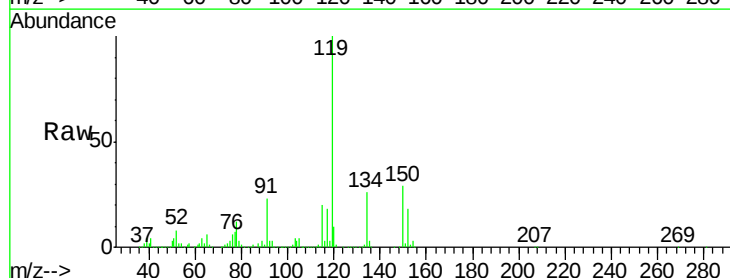
Tgt Ion:119 Resp: 230457

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.5 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

250000

200000

150000

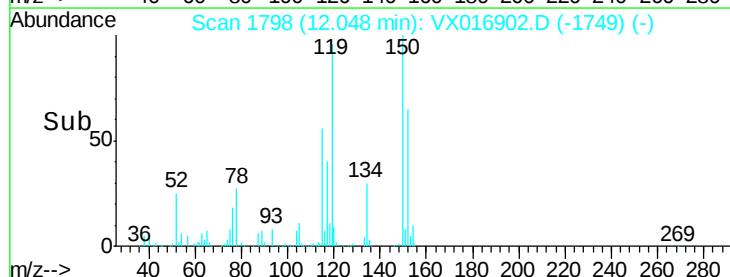
100000

50000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.469 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Instrument :

MSVOA_X

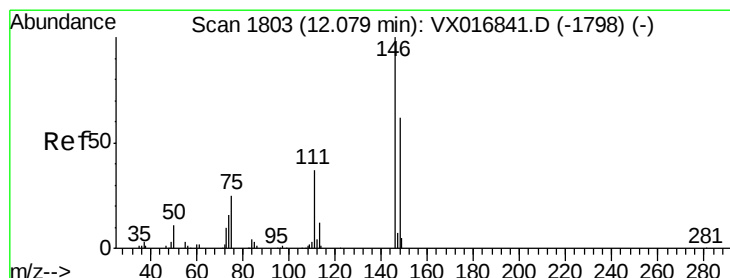
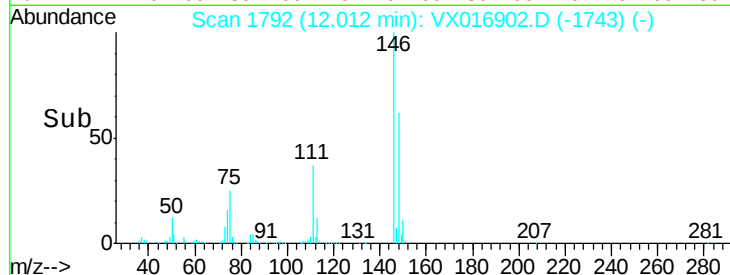
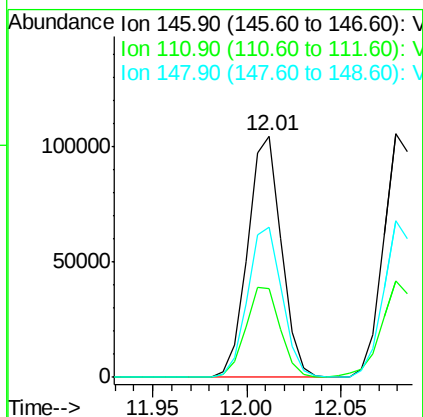
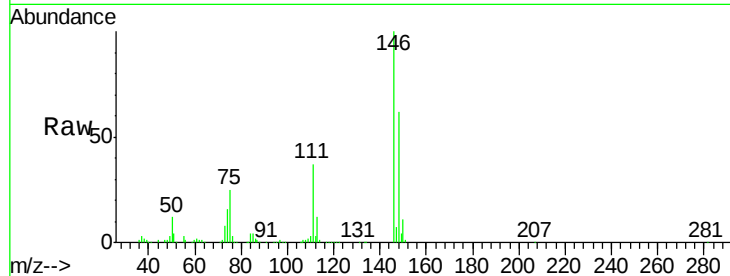
ClientSampleId :

VX0619WBSD02

Tot Ion:	146	Resp:	129317
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.2
148	63.5	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.282 ug/l

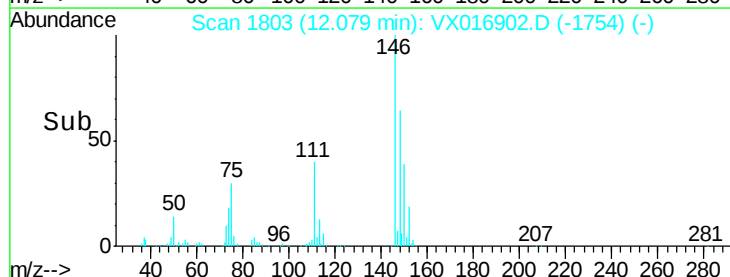
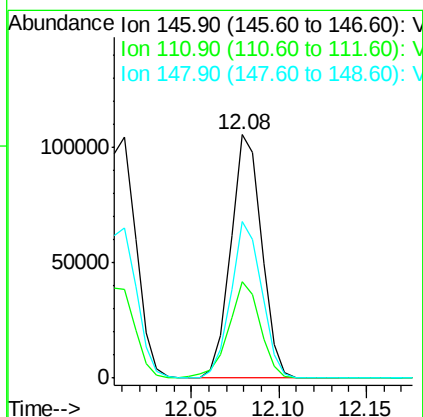
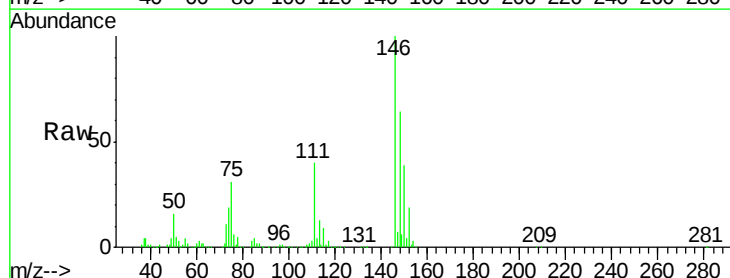
RT: 12.08 min Scan# 1803

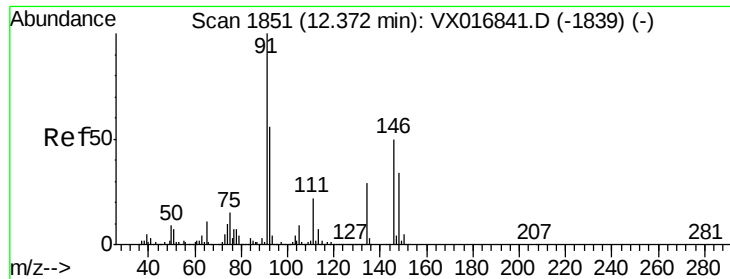
Delta R.T. -0.00 min

Lab File: VX016902.D

Acq: 20 Jun 2020 02:51

Tgt Ion:	146	Resp:	129525
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.0	57.0
148	64.6	31.6	95.0





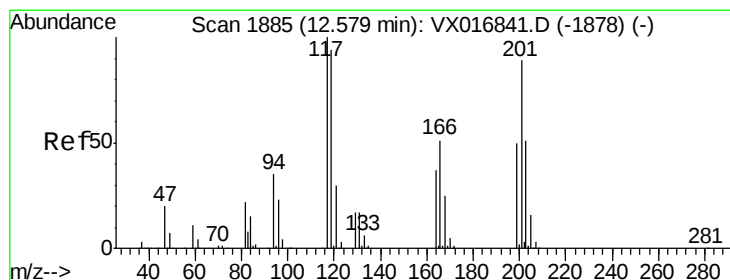
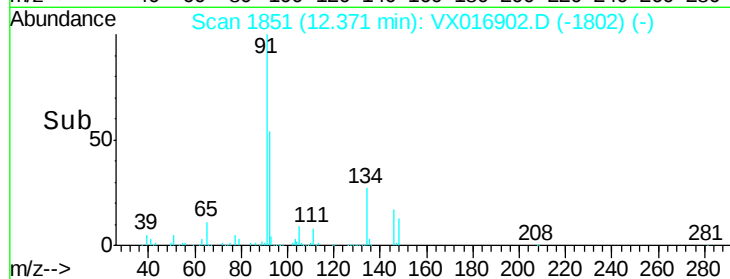
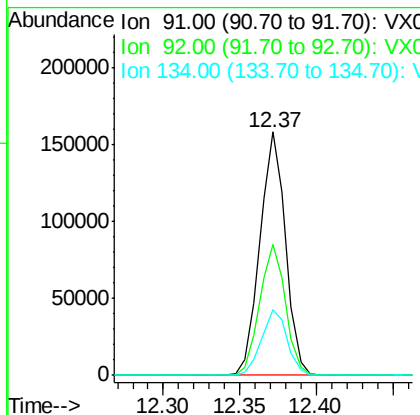
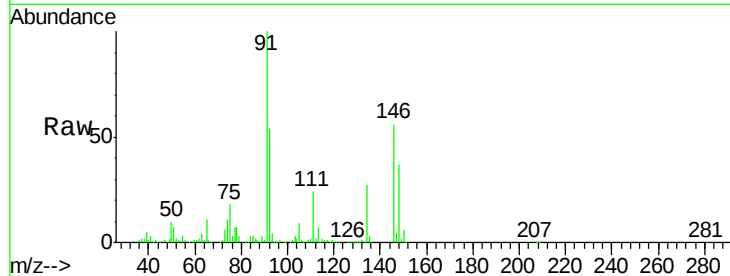
#89
n-Butylbenzene
Concen: 17.834 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.2
134	27.2	13.9	41.6

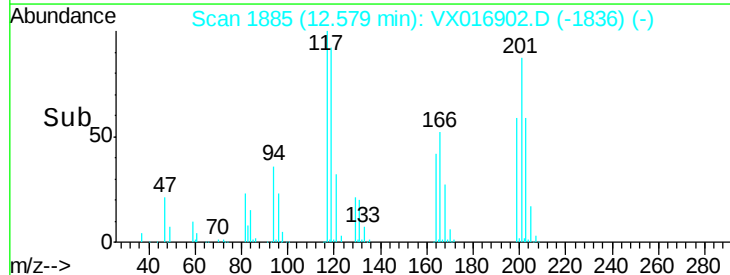
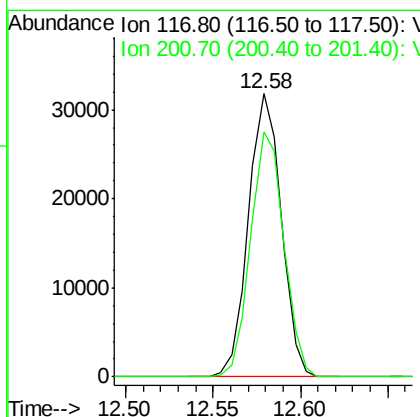
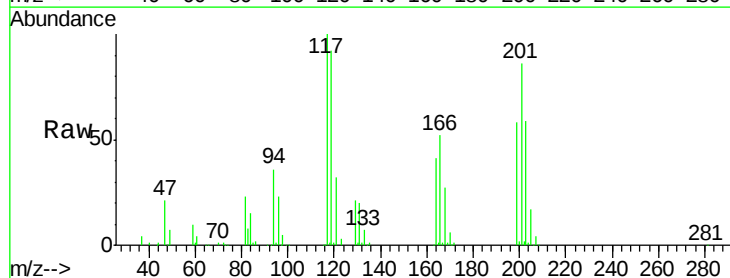
Manual Integrations
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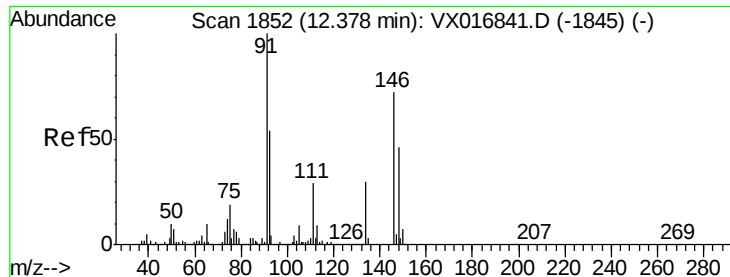
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#90
Hexachloroethane
Concen: 19.086 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	44.9	134.5





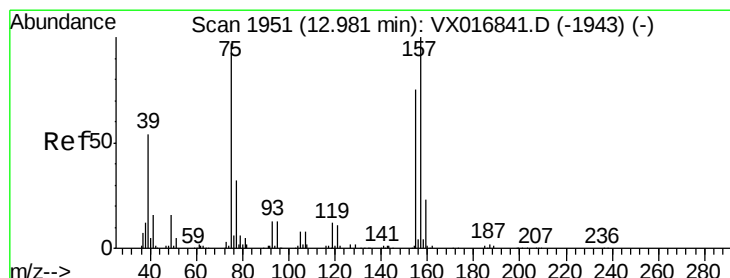
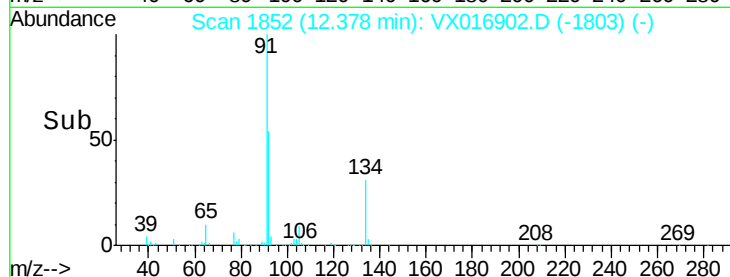
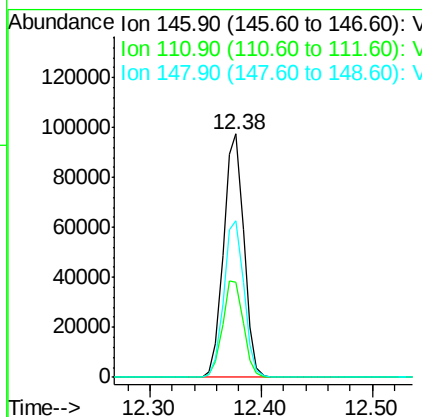
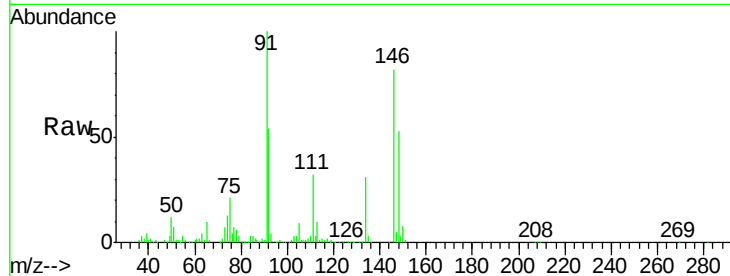
#91
 1,2-Dichlorobenzene
 Concen: 19.228 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123296		
111	40.4	20.9	62.7	
148	63.7	32.9	98.6	

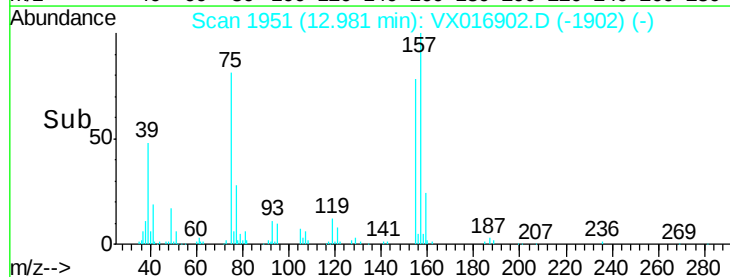
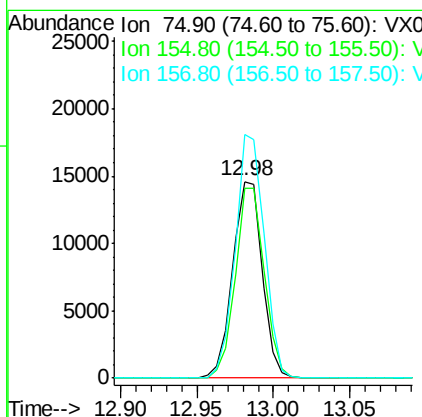
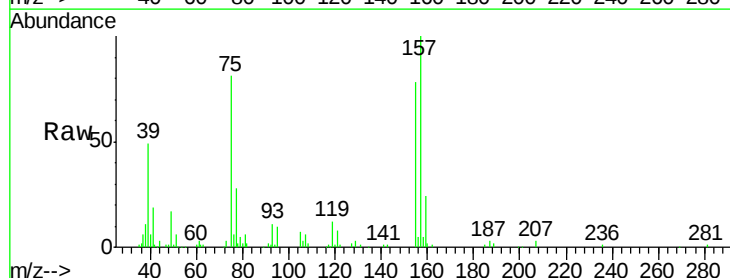
Manual Integrations
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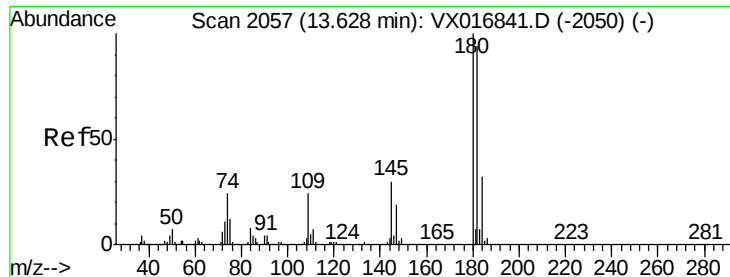
MMDadoda
 6/22/2020 12:22:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.864 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19514		
155	94.7	46.4	139.1	
157	121.9	58.6	175.8	





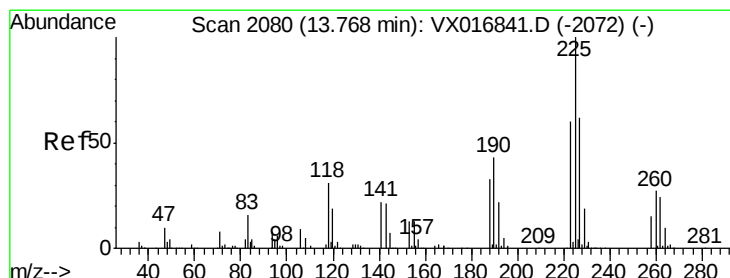
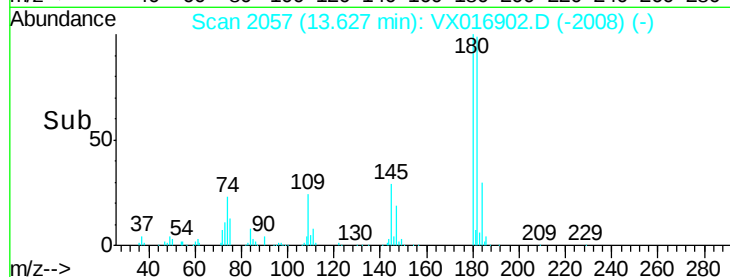
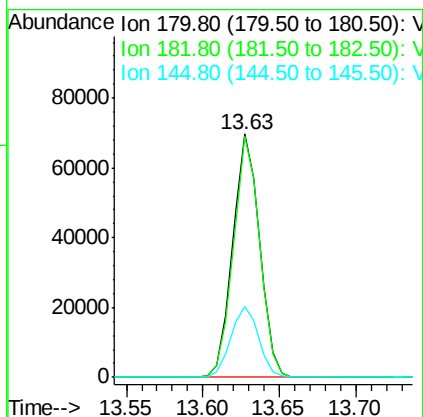
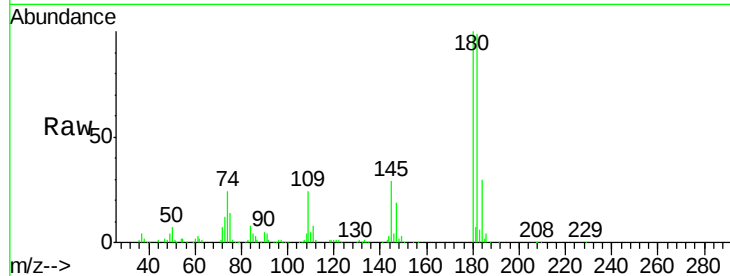
#93
 1,2,4-Trichlorobenzene
 Concen: 19.586 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.7	143.1
145	30.0	15.0	45.1

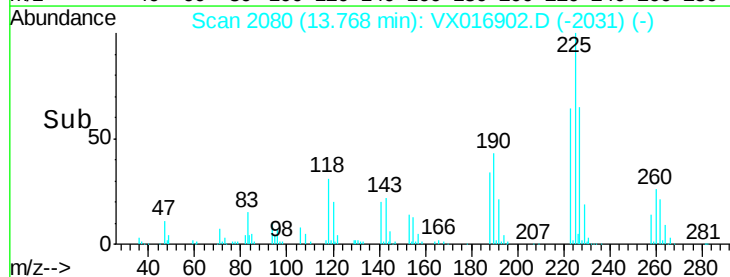
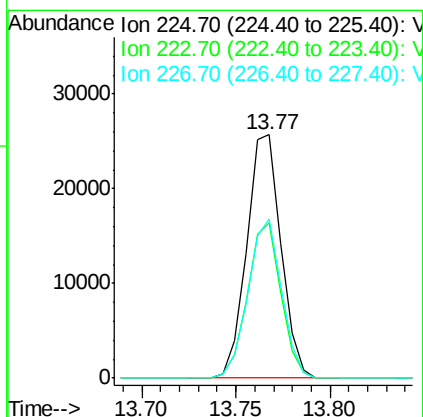
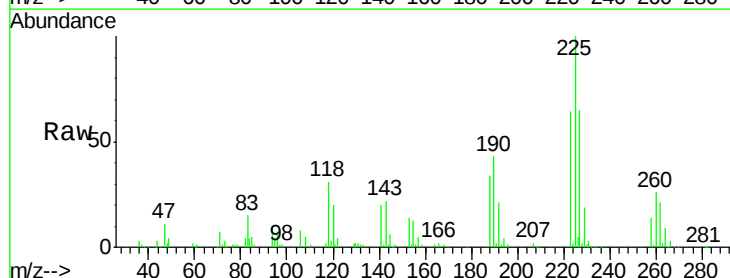
Manual Integrations
 APPROVED

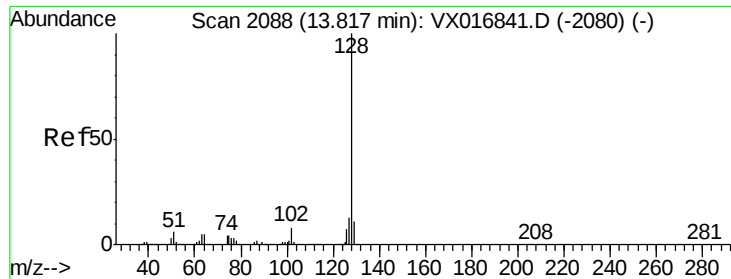
MMDadoda
 6/22/2020 12:22:35 PM



#94
 Hexachlorobutadiene
 Concen: 16.658 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016902.D
 Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.1	96.5
227	63.7	32.3	96.8





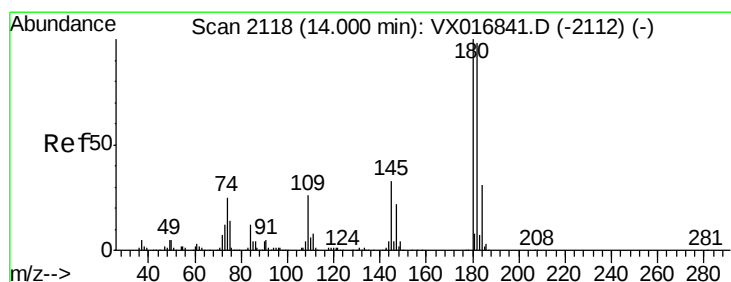
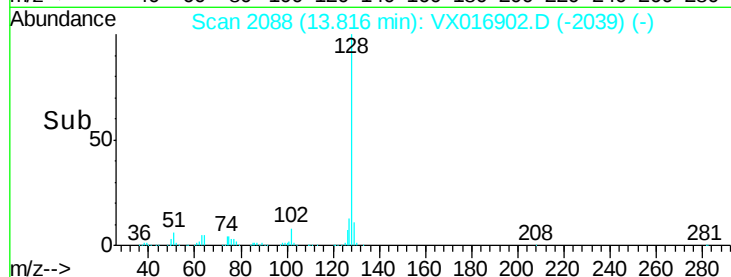
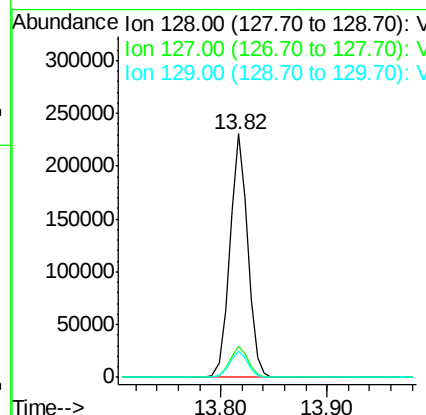
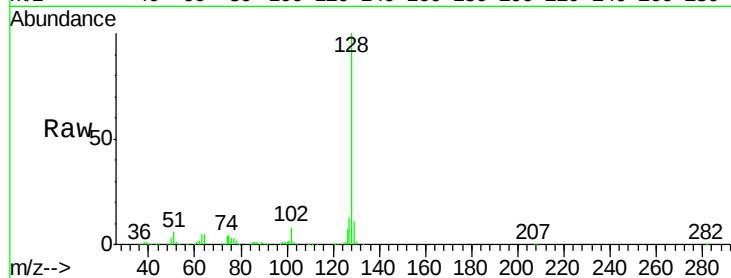
#95
Naphthalene
Concen: 21.297 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:22:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.493 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016902.D
Acq: 20 Jun 2020 02:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.4	142.3
145	31.9	16.0	48.0

