

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016963.D
 Acq On : 25 Jun 2020 19:37
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:21 PM

Quant Time: Jun 26 08:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	188986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	339339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	311106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	152770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	60115	22.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.56%	
35) Dibromofluoromethane	5.46	113	43969	23.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.20%	
50) Toluene-d8	8.70	98	157873	19.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.88%	
62) 4-Bromofluorobenzene	11.12	95	58826	18.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	30046	15.038	ug/l 99
3) Chloromethane	1.32	50	50173	23.179	ug/l 99
4) Vinyl Chloride	1.39	62	46810	17.618	ug/l 95
5) Bromomethane	1.63	94	40262	36.574	ug/l 99
6) Chloroethane	1.71	64	31761	19.601	ug/l 100
7) Trichlorofluoromethane	1.92	101	73674	22.202	ug/l 98
8) Diethyl Ether	2.17	74	29993	19.843	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36540	17.922	ug/l 100
10) Methyl Iodide	2.49	142	43634	19.521	ug/l 100
11) Tert butyl alcohol	3.01	59	56021	98.832	ug/l 99
12) 1,1-Dichloroethene	2.35	96	40857	19.240	ug/l 98
13) Acrolein	2.28	56	39142	106.474	ug/l 97
14) Allyl chloride	2.71	41	80873	21.318	ug/l 98
15) Acrylonitrile	3.12	53	129996	104.769	ug/l 100
16) Acetone	2.42	43	117281	115.561	ug/l 99
17) Carbon Disulfide	2.55	76	124739	19.168	ug/l 100
18) Methyl Acetate	2.75	43	56027	18.955	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	156005	20.566	ug/l 99
20) Methylene Chloride	2.84	84	51097	20.790	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	46490	19.651	ug/l 98
22) Diisopropyl ether	3.82	45	161379	21.536	ug/l 96
23) Vinyl Acetate	3.79	43	721825	116.538	ug/l 100
24) 1,1-Dichloroethane	3.67	63	87852	20.669	ug/l 96
25) 2-Butanone	4.63	43	182909	111.962	ug/l 98
26) 2,2-Dichloropropane	4.55	77	69619	18.777	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	53171	19.929	ug/l 98
28) Bromochloromethane	4.98	49	37289	19.823	ug/l 99
29) Tetrahydrofuran	5.09	42	118850	109.918	ug/l 98
30) Chloroform	5.18	83	88686	21.051	ug/l 97
31) Cyclohexane	5.55	56	63843	16.219	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	75820	19.928	ug/l 99
36) 1,1-Dichloropropene	5.77	75	60941	18.691	ug/l 98
37) Ethyl Acetate	4.79	43	73572	22.156	ug/l 98
38) Carbon Tetrachloride	5.75	117	66688	21.761	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	57721	14.802	ug/l	96
40) Benzene	6.12	78	190615	20.096	ug/l	97
41) Methacrylonitrile	5.01	41	39337	21.038	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77349	22.779	ug/l	100
43) Isopropyl Acetate	6.42	43	118809	21.802	ug/l	99
44) Trichloroethene	7.19	130	49084	17.180	ug/l	98
45) 1,2-Dichloropropane	7.49	63	49966	20.508	ug/l	99
46) Dibromomethane	7.64	93	35575	21.785	ug/l	97
47) Bromodichloromethane	7.88	83	72241	21.595	ug/l	99
48) Methyl methacrylate	7.74	41	55913	20.889	ug/l	98
49) 1,4-Dioxane	7.71	88	23034	393.883	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	357809	112.083	ug/l	99
52) Toluene	8.77	92	116031	19.329	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	77360	19.518	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	82525	19.915	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	49003	20.425	ug/l	96
56) Ethyl methacrylate	9.16	69	73456	19.117	ug/l	99
57) 1,3-Dichloropropane	9.35	76	84729	20.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	189660	99.245	ug/l	99
59) 2-Hexanone	9.47	43	267759	110.613	ug/l	100
60) Dibromochloromethane	9.57	129	54236	22.254	ug/l	99
61) 1,2-Dibromoethane	9.65	107	51663	20.713	ug/l	99
64) Tetrachloroethene	9.32	164	39912	13.601	ug/l	98
65) Chlorobenzene	10.12	112	126506	20.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	47155	21.233	ug/l	99
67) Ethyl Benzene	10.24	91	216429	18.960	ug/l	99
68) m/p-Xylenes	10.34	106	163856	39.076	ug/l	99
69) o-Xylene	10.68	106	78163	19.171	ug/l	97
70) Styrene	10.69	104	134641	19.188	ug/l	99
71) Bromoform	10.84	173	36912	23.756	ug/l #	99
73) Isopropylbenzene	11.00	105	203049	18.065	ug/l	99
74) N-amyl acetate	10.88	43	101657	20.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71539	26.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	68185m	20.805	ug/l	
77) Bromobenzene	11.24	156	52523	20.239	ug/l	99
78) n-propylbenzene	11.34	91	235281	17.706	ug/l	100
79) 2-Chlorotoluene	11.40	91	146126	18.667	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	171197	17.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24251	17.084	ug/l	98
82) 4-Chlorotoluene	11.49	91	172686	18.463	ug/l	99
83) tert-Butylbenzene	11.76	119	164528	19.979	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	175875	17.949	ug/l	100
85) sec-Butylbenzene	11.93	105	181793	16.543	ug/l	100
86) p-Isopropyltoluene	12.05	119	171280	17.072	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	95163	19.942	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	95600	19.484	ug/l	99
89) n-Butylbenzene	12.37	91	150059	15.943	ug/l	99
90) Hexachloroethane	12.58	117	34526	21.147	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	91892	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15596	19.129	ug/l	98

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ClientSampleId :
VSTDICC020

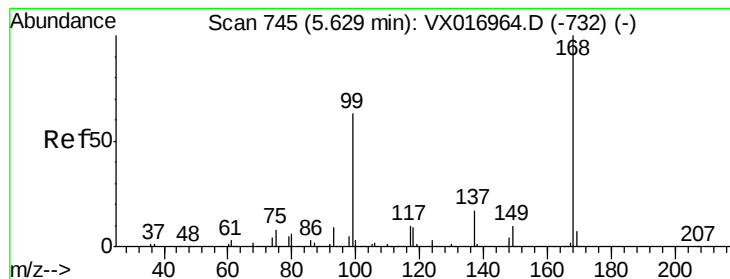
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54612	18.372	ug/l	96
94) Hexachlorobutadiene	13.77	225	18353	17.480	ug/l	96
95) Naphthalene	13.82	128	198061	18.629	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	54565	19.335	ug/l	99

(#) = 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: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 188986

Ion Ratio Lower Upper

168 100

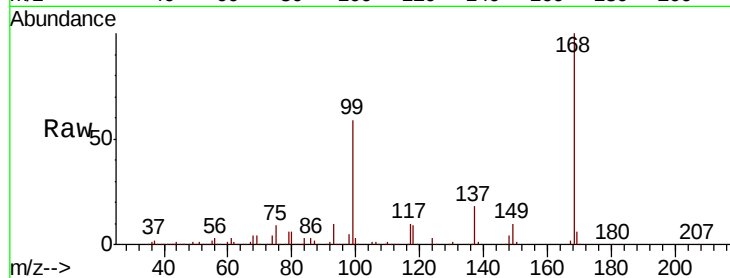
99 59.1 50.2 75.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

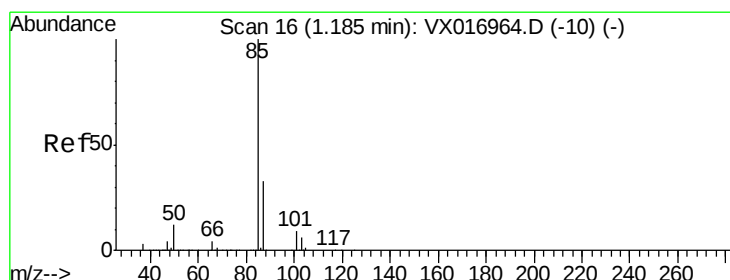
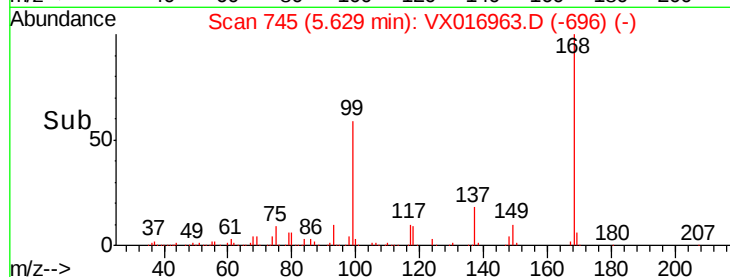
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.038 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016963.D

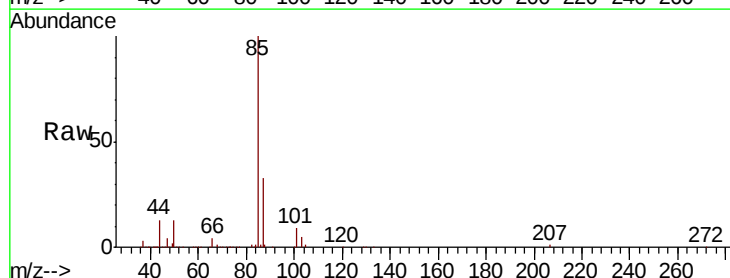
Acq: 25 Jun 2020 19:37

Tgt Ion: 85 Resp: 30046

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

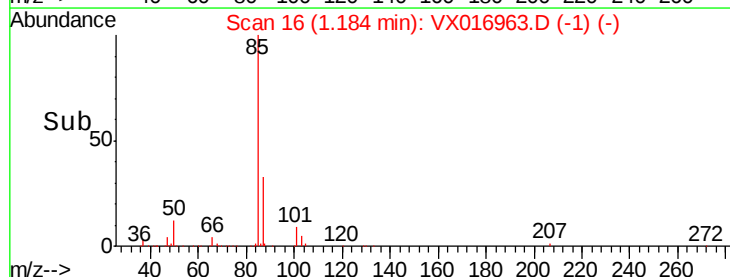
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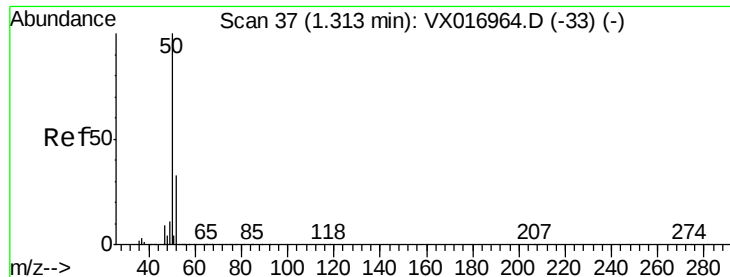
20000

10000

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Time-->





#3

Chloromethane

Concen: 23.179 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 50173

Ion Ratio Lower Upper

50 100

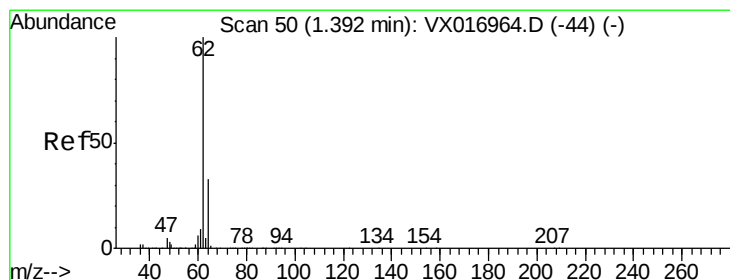
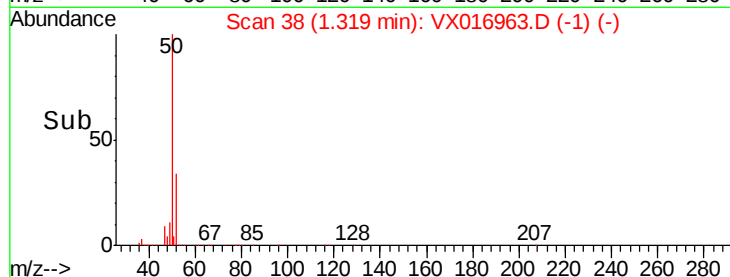
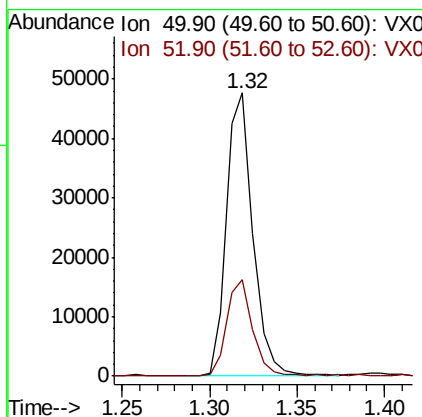
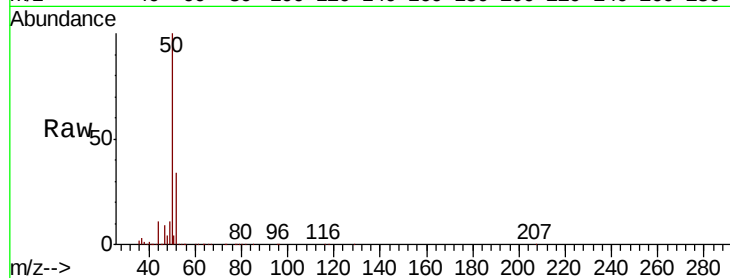
52 34.1 26.6 40.0

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#4

Vinyl Chloride

Concen: 17.618 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016963.D

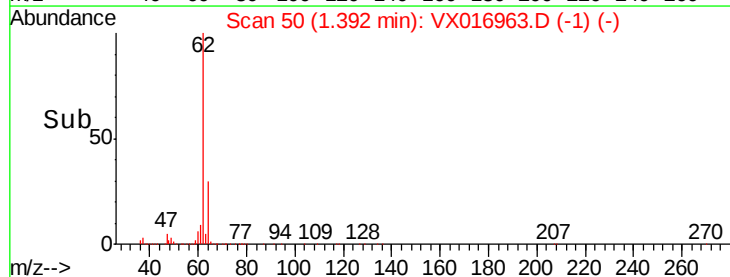
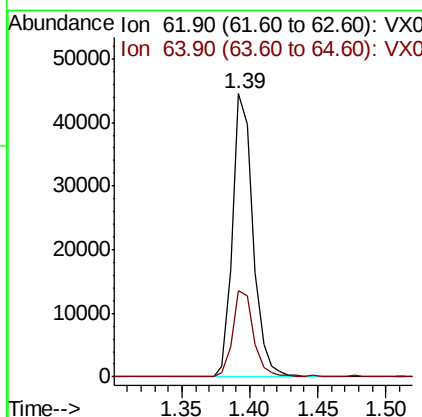
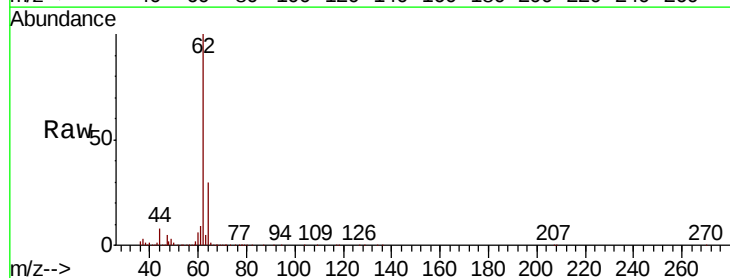
Acq: 25 Jun 2020 19:37

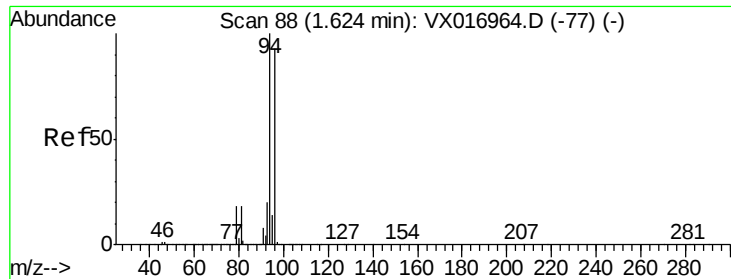
Tgt Ion: 62 Resp: 46810

Ion Ratio Lower Upper

62 100

64 30.3 26.3 39.5





#5

Bromomethane

Concen: 36.574 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 40262

Ion Ratio Lower Upper

94 100

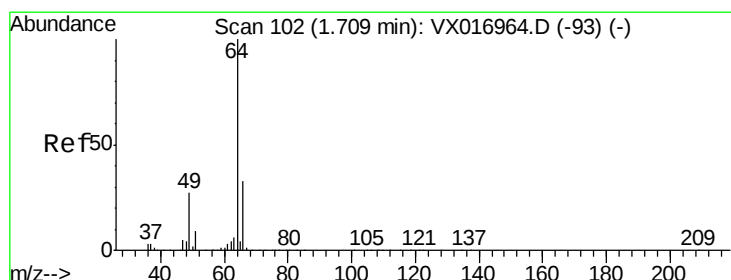
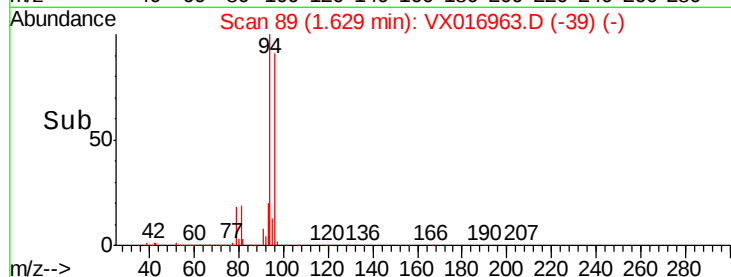
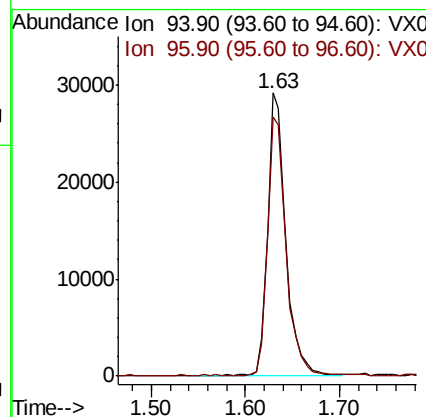
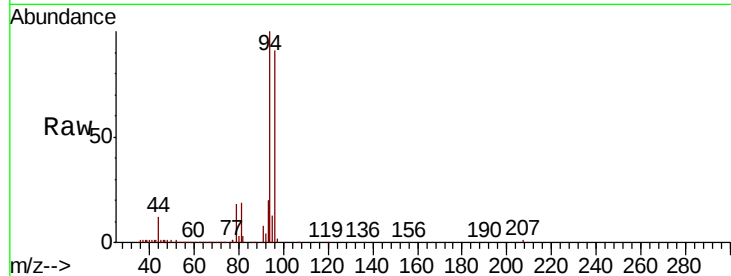
96 91.3 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.601 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016963.D

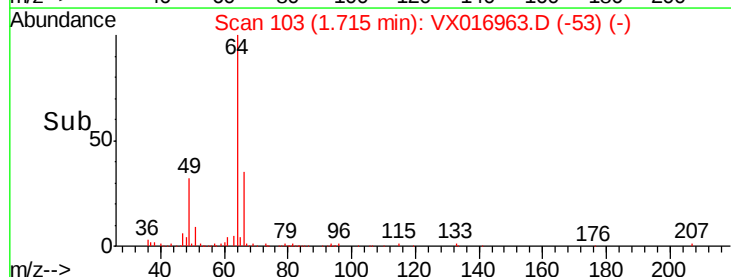
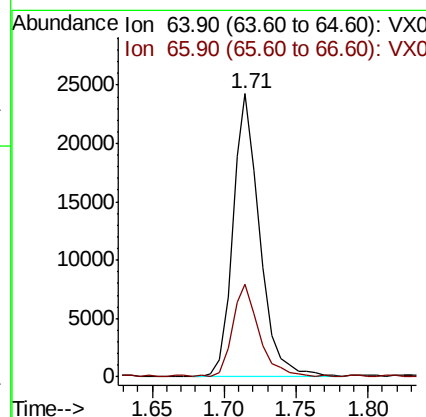
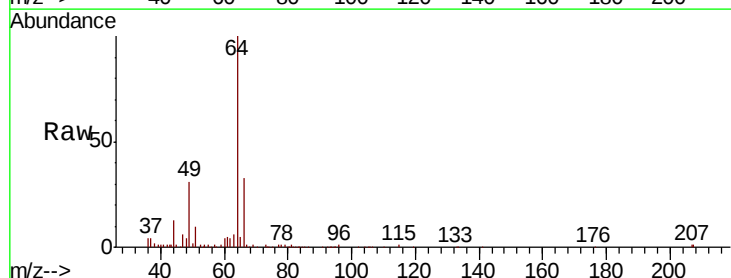
Acq: 25 Jun 2020 19:37

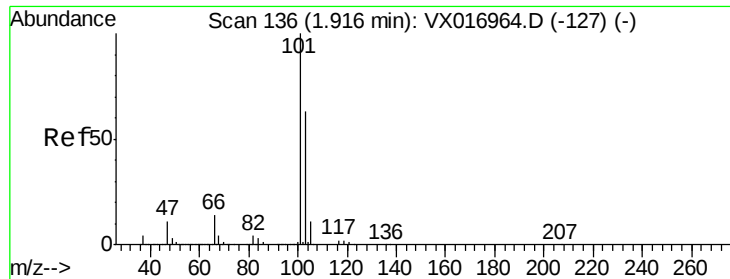
Tgt Ion: 64 Resp: 31761

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.2





#7

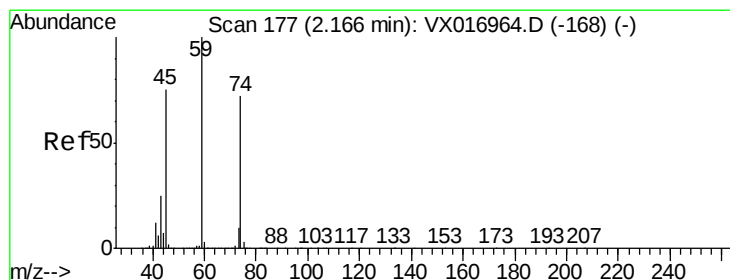
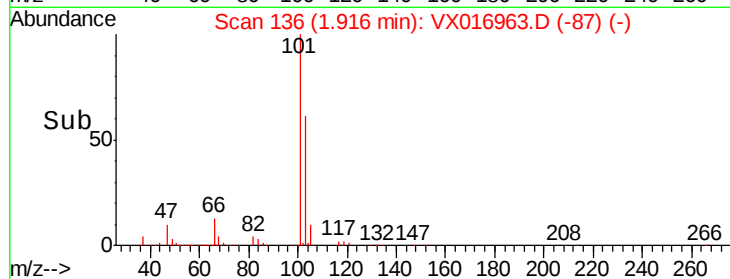
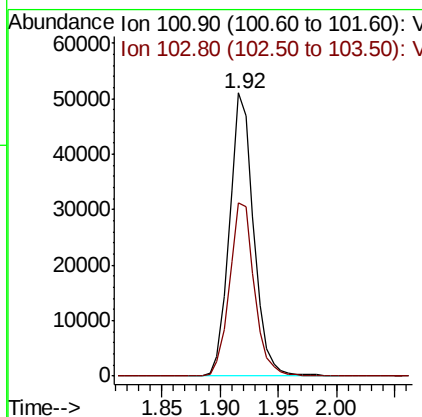
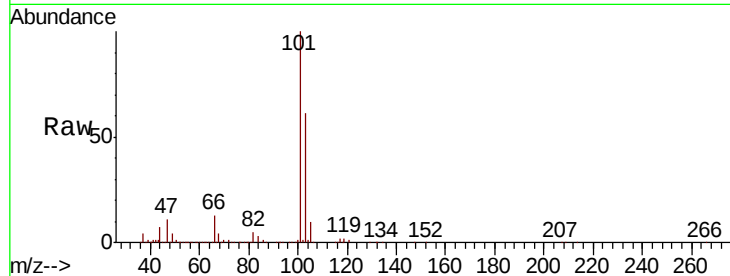
Trichlorofluoromethane
 Concen: 22.202 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	50.2	75.4

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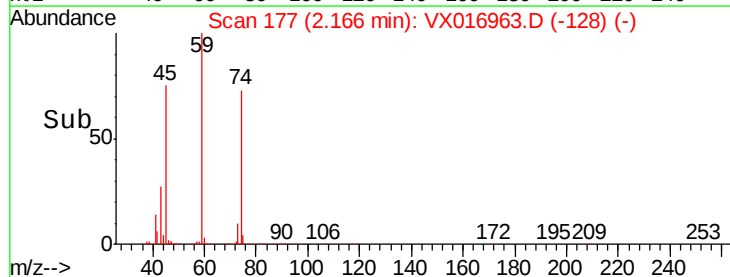
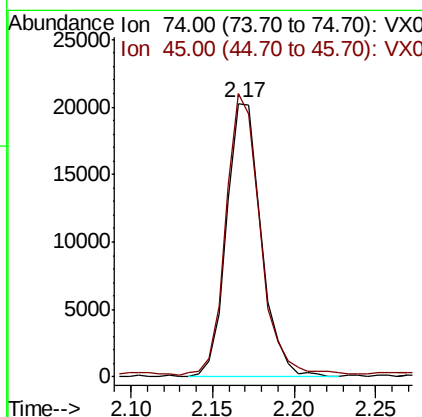
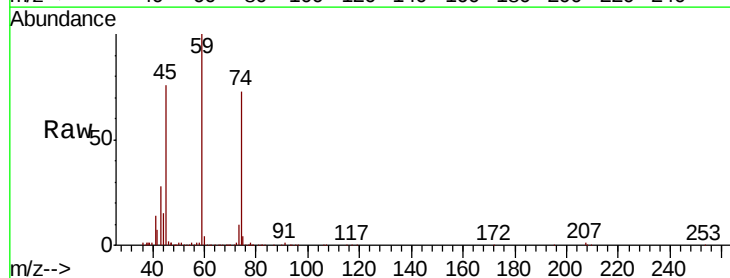
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 6/29/2020 12:32:21 PM

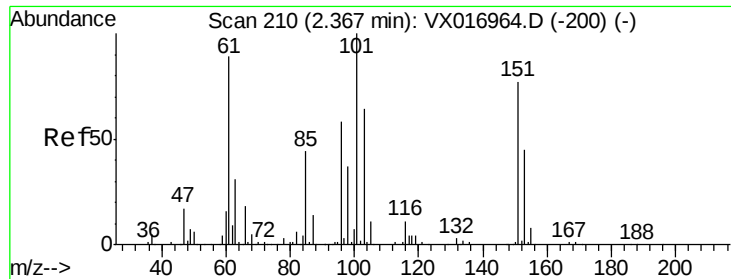


#8

Diethyl Ether
 Concen: 19.843 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.922 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

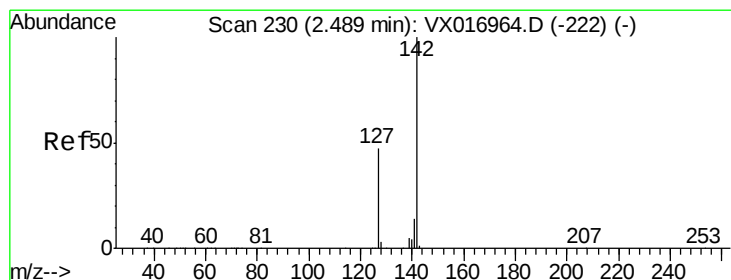
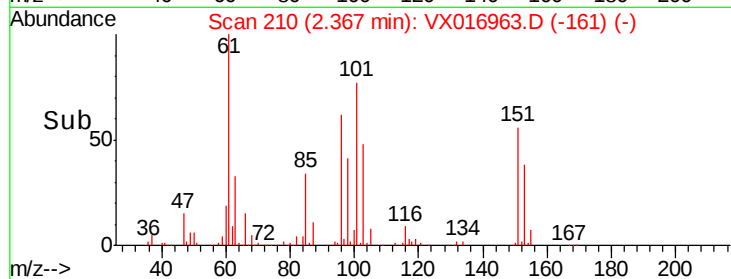
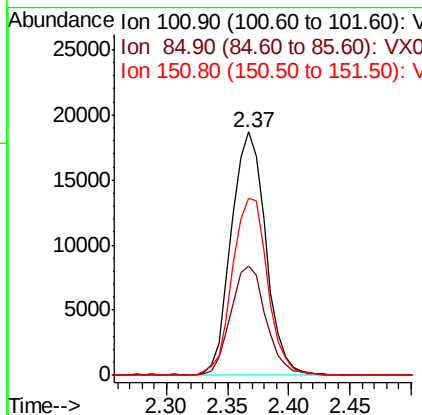
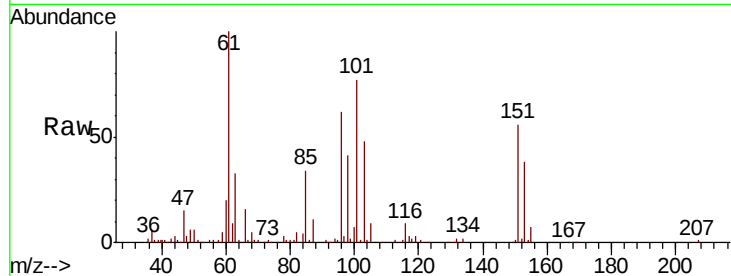
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	36540
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.8	55.2
151	74.5	59.8	89.6

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#10

Methyl Iodide

Concen: 19.521 ug/l

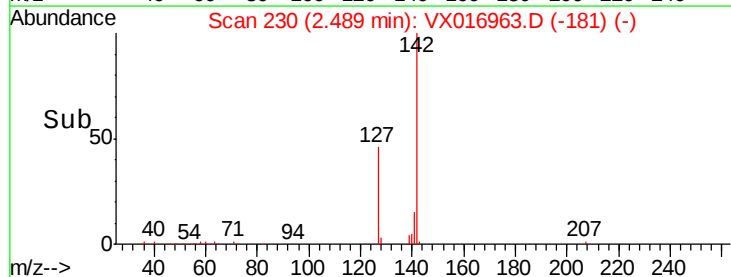
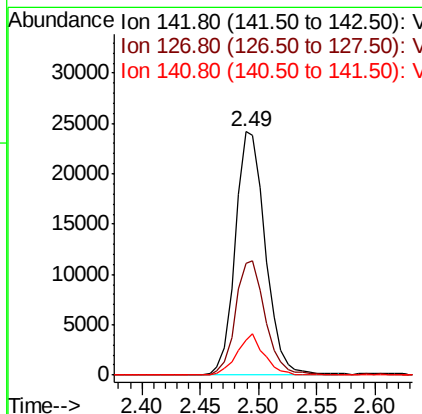
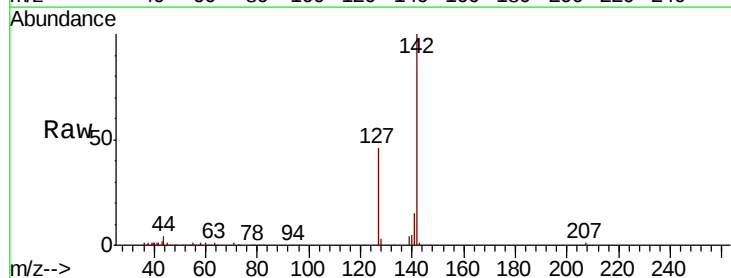
RT: 2.49 min Scan# 230

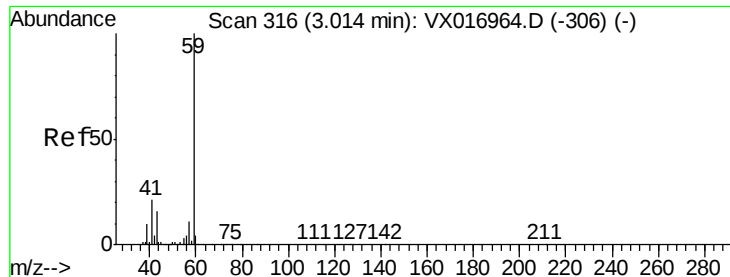
Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion:	142	Resp:	43634
Ion Ratio	Lower	Upper	
142	100		
127	46.6	37.4	56.0
141	15.3	11.7	17.5





#11

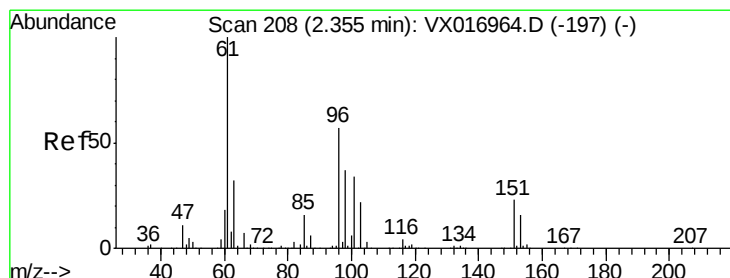
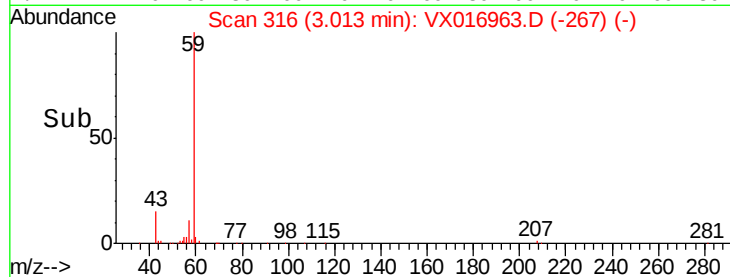
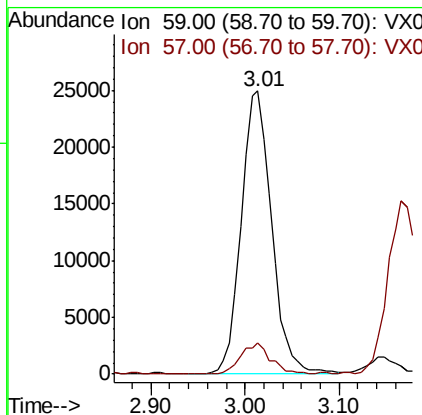
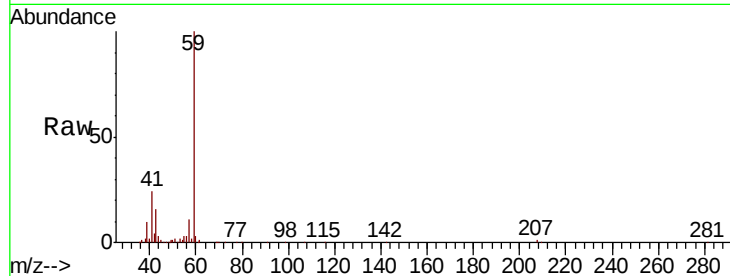
Tert butyl alcohol
Concen: 98.832 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
59.00	59	100		
57.00	57	10.9	8.5	12.7

Manual Integrations
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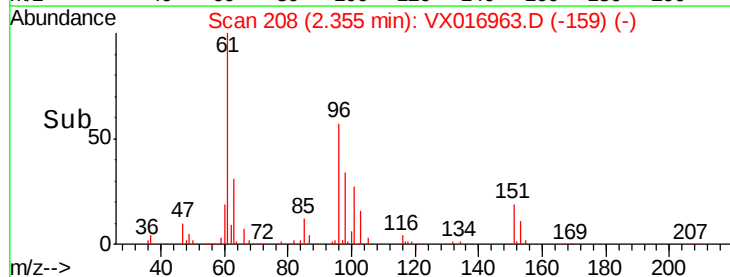
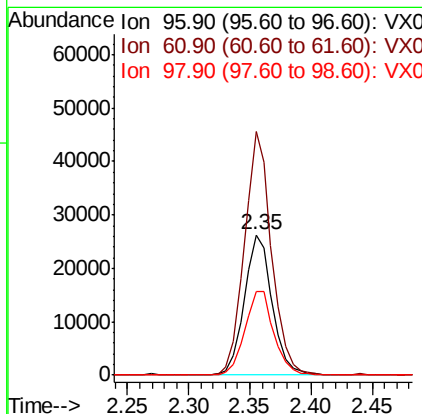
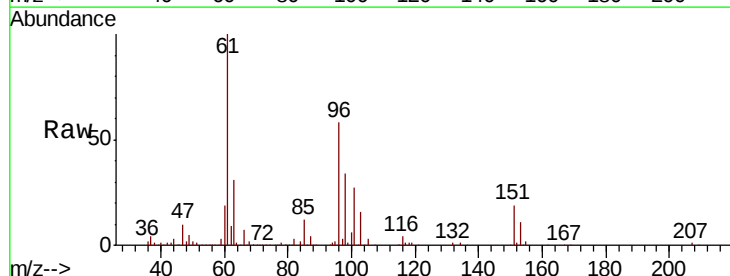
MMDadoda
6/29/2020 12:32:21 PM

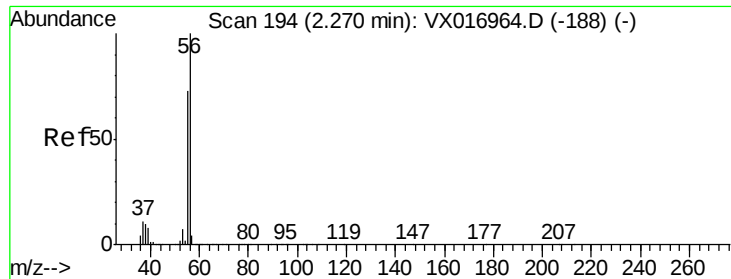


#12

1,1-Dichloroethene
Concen: 19.240 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ion	Ratio	Lower	Upper
96.00	96	100		
61.00	61	174.0	139.7	209.5
98.00	98	59.5	51.0	76.6





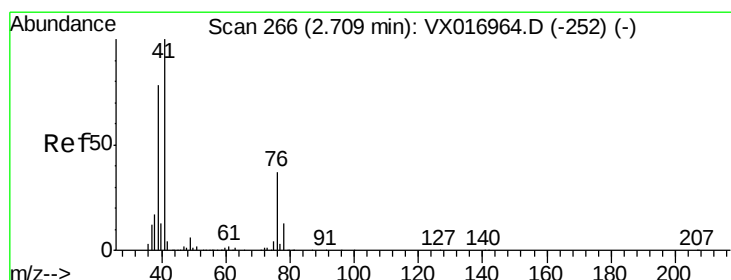
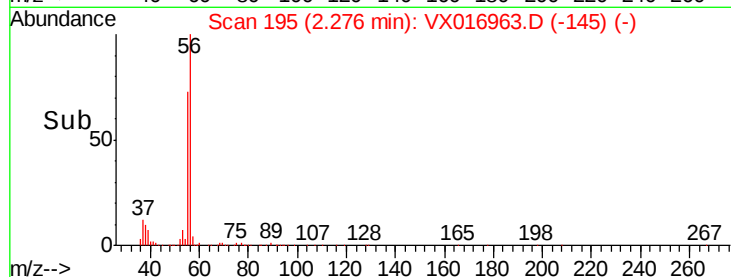
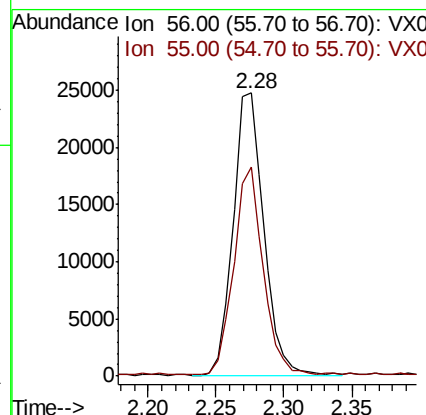
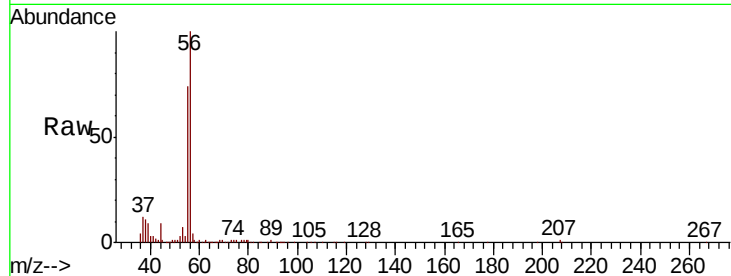
#13
Acrolein
Concen: 106.474 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.0	57.5	86.3

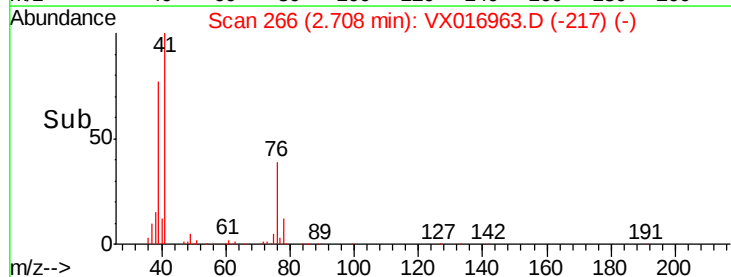
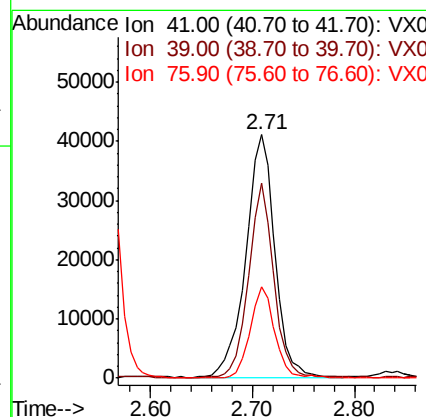
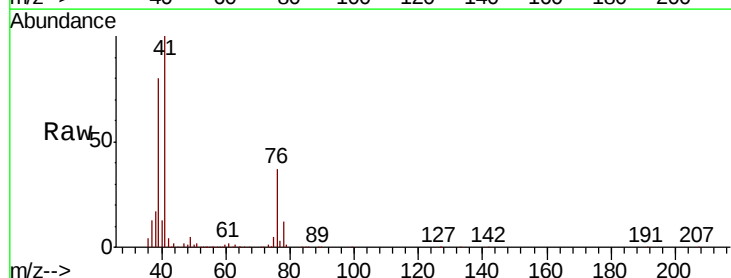
Manual Integrations
APPROVED

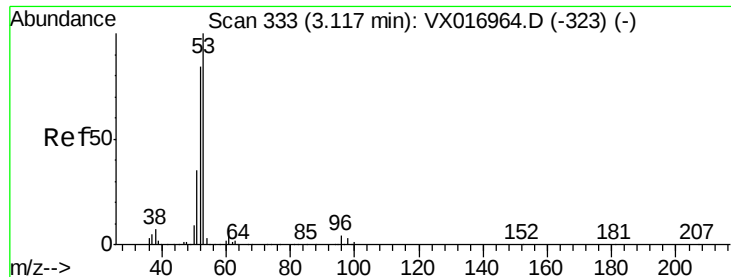
MMDadoda
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#14
Allyl chloride
Concen: 21.318 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.1	56.4	84.6
76	32.1	26.5	39.7





#15

Acrylonitrile

Concen: 104.769 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

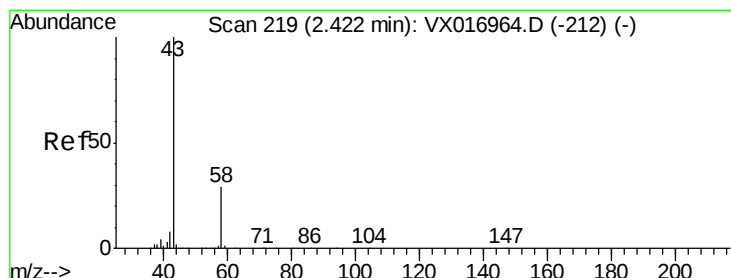
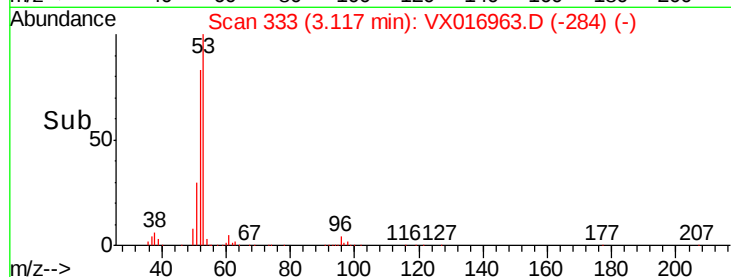
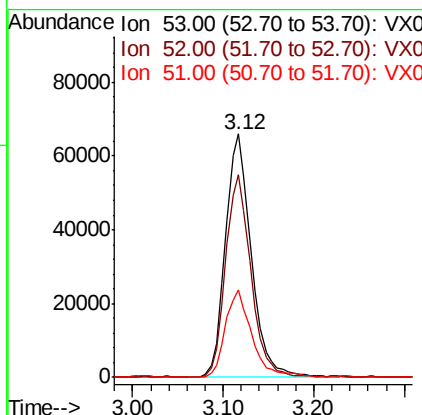
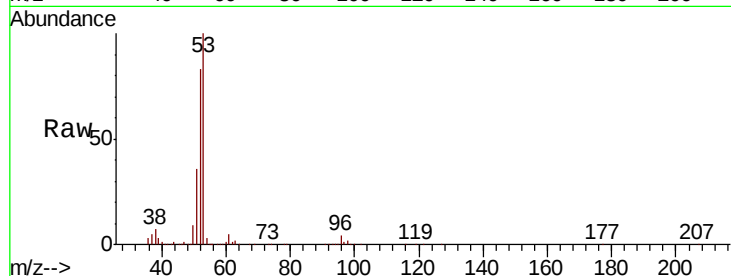
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	129996
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	36.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 115.561 ug/l

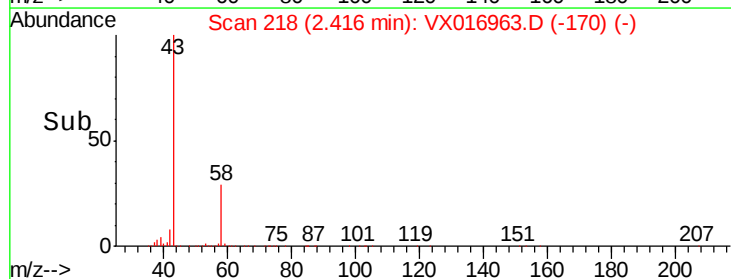
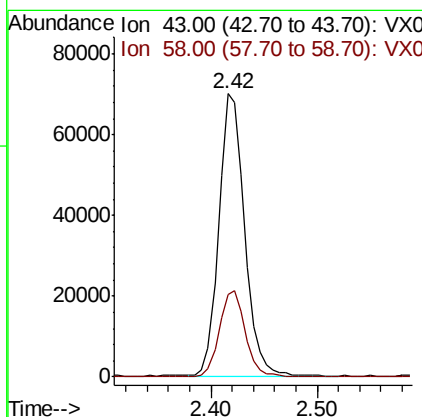
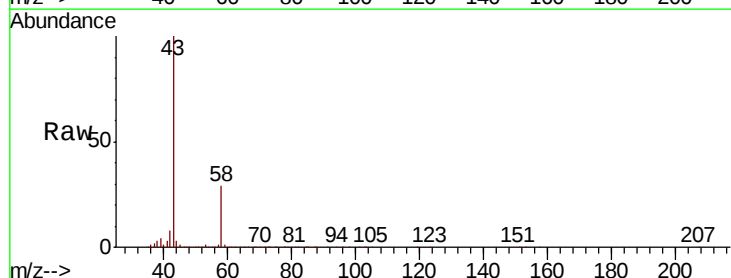
RT: 2.42 min Scan# 218

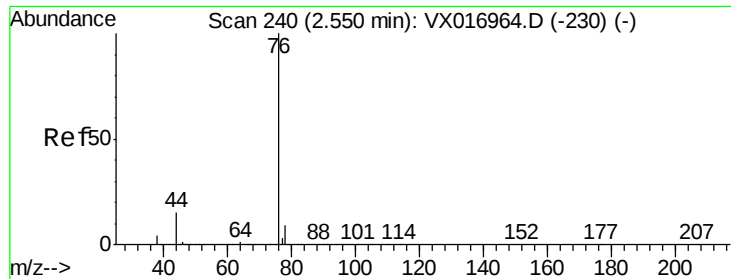
Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion:	43	Resp:	117281
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.5	35.3





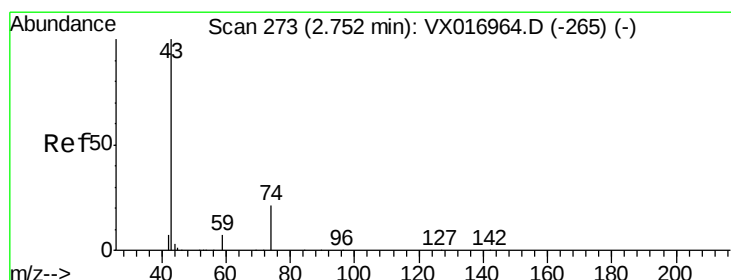
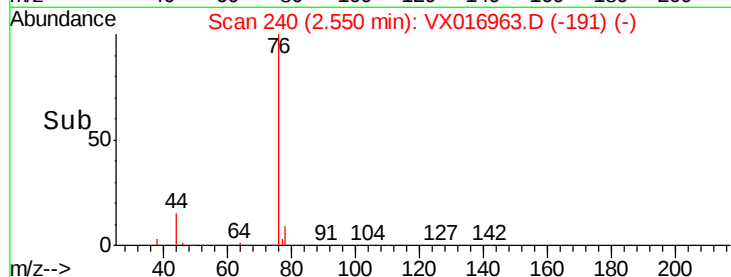
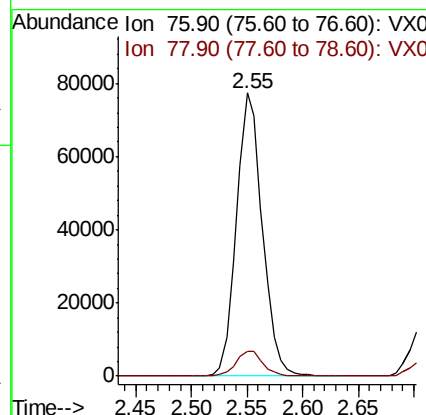
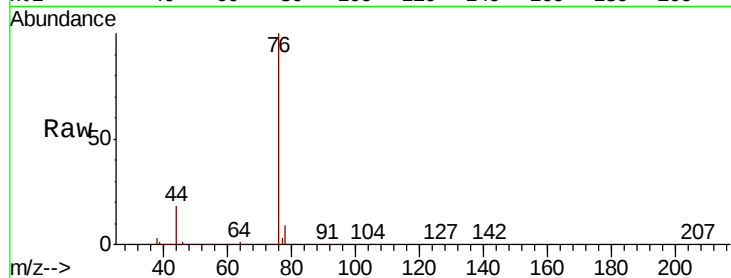
#17
Carbon Disulfide
Concen: 19.168 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

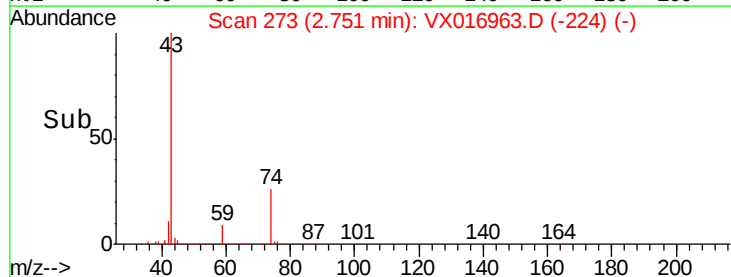
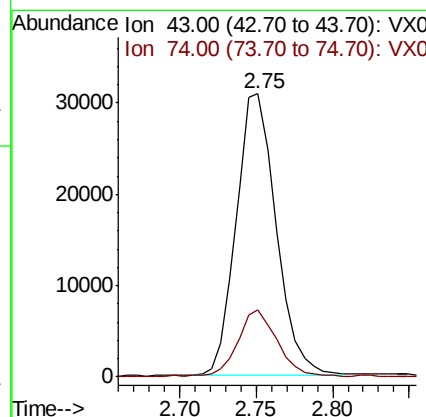
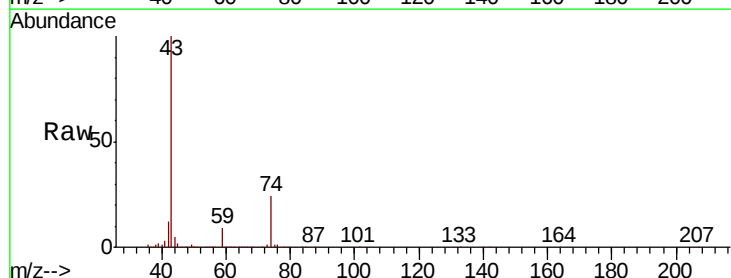
Manual Integrations
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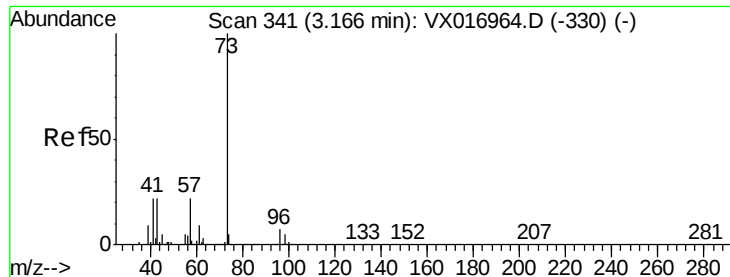
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#18
Methyl Acetate
Concen: 18.955 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.3	27.5





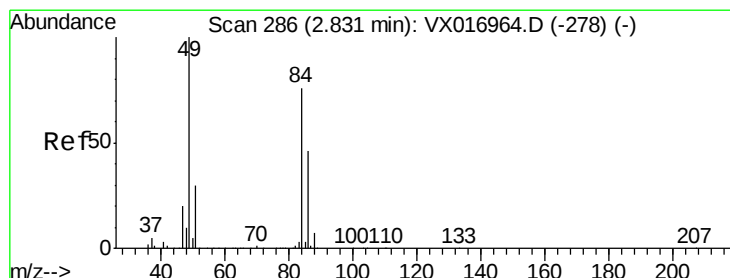
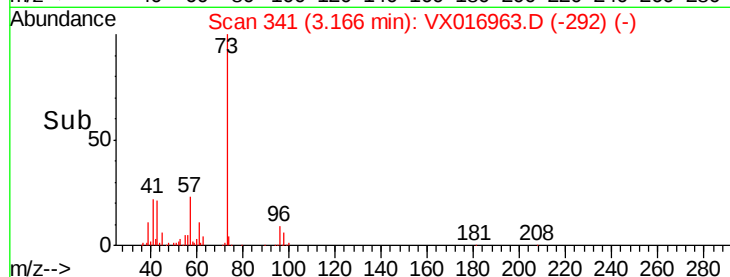
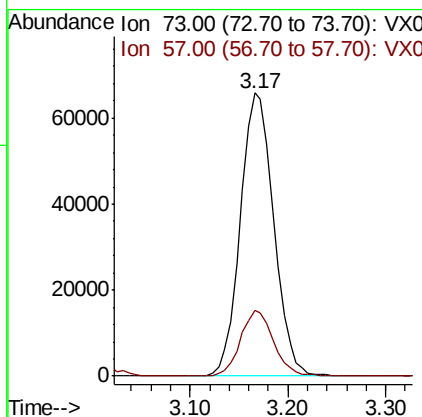
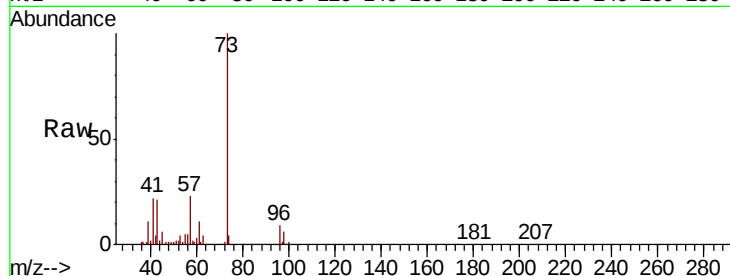
#19
Methyl tert-butyl Ether
Concen: 20.566 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 156005
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8

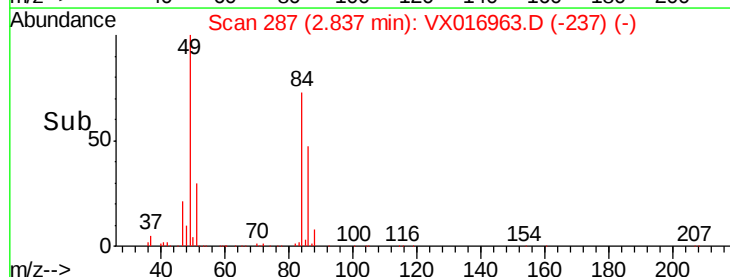
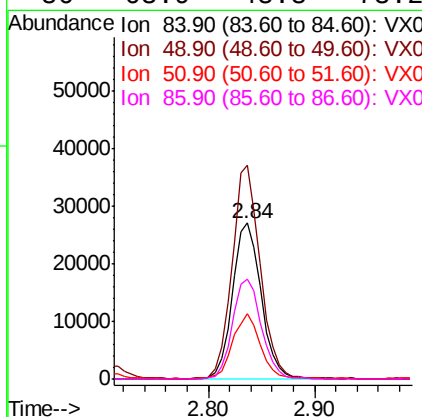
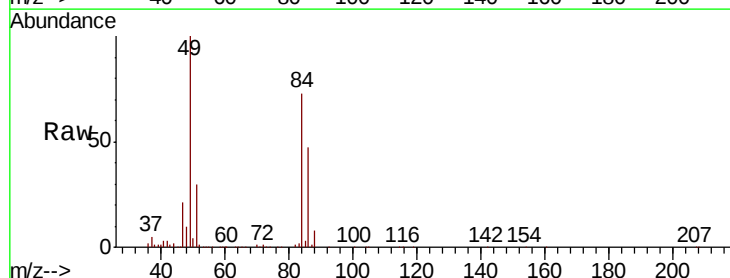
Manual Integrations
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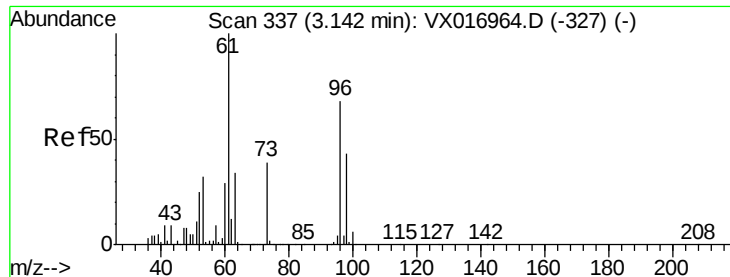
MMDadoda
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#20
Methylene Chloride
Concen: 20.790 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 84 Resp: 51097
Ion Ratio Lower Upper
84 100
49 137.0 105.6 158.4
51 41.4 31.2 46.8
86 63.9 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 19.651 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 46490

Ion Ratio Lower Upper

96 100

61 150.3 116.7 175.1

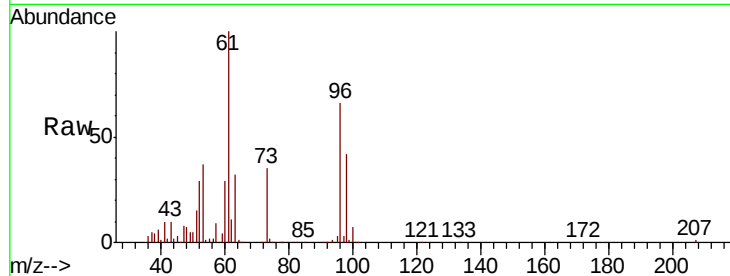
98 63.3 50.7 76.1

Manual Integrations

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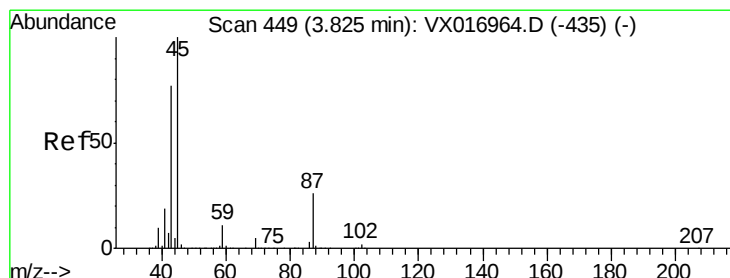
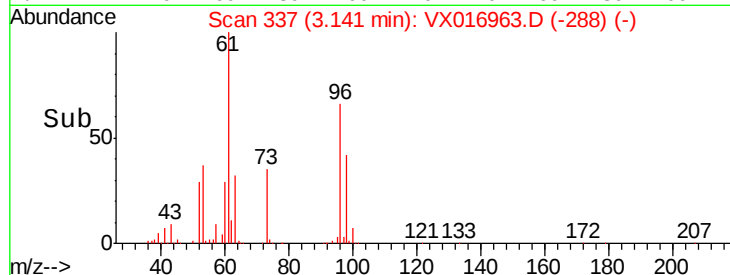
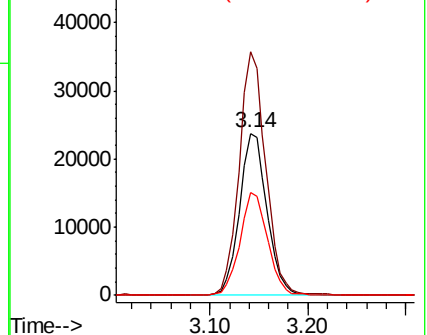
6/29/2020 12:32:21 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.536 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion: 45 Resp: 161379

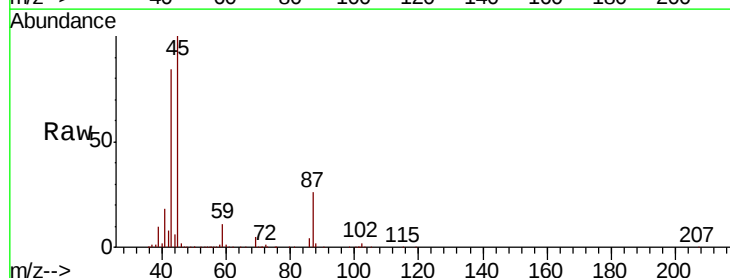
Ion Ratio Lower Upper

45 100

43 83.0 62.7 94.1

87 26.1 21.0 31.4

59 11.3 9.0 13.6

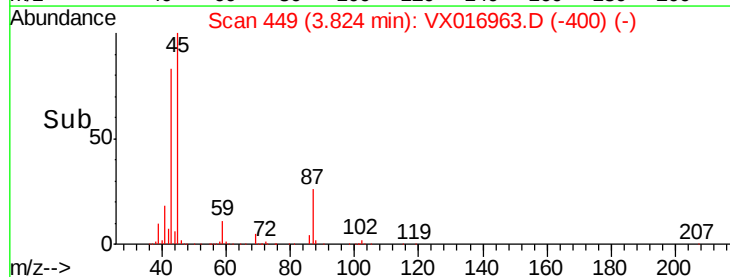
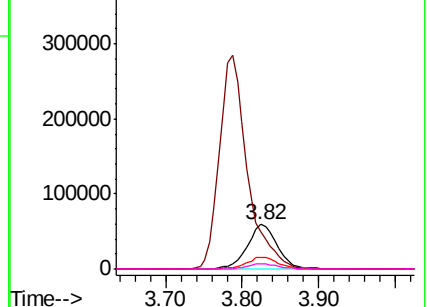


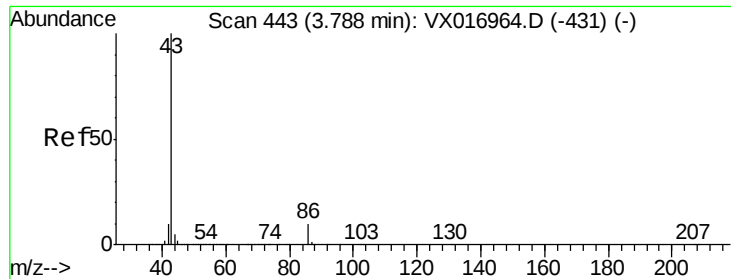
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 116.538 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 721825

Ion Ratio Lower Upper

43 100

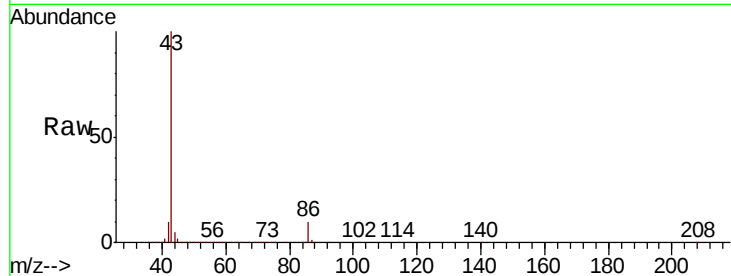
86 10.1 8.2 12.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

200000

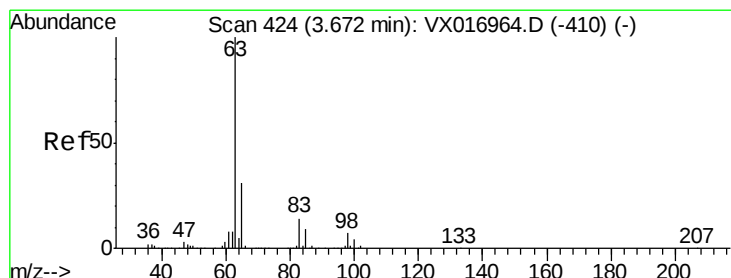
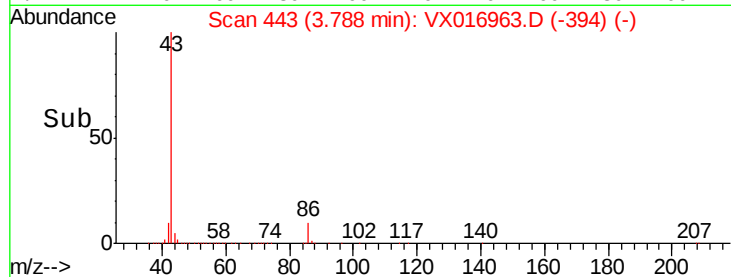
100000

0

3.79

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 20.669 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

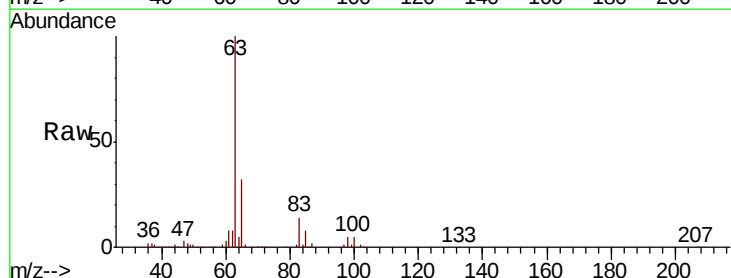
Tgt Ion: 63 Resp: 87852

Ion Ratio Lower Upper

63 100

98 5.4 3.6 10.8

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

20000

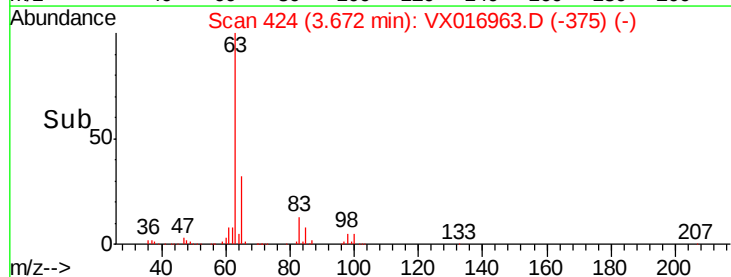
10000

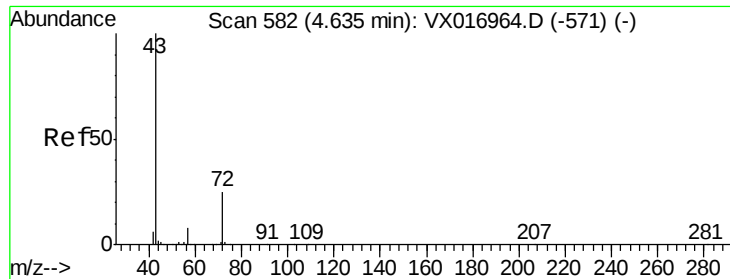
0

3.67

3.55 3.60 3.65 3.70 3.75

Time-->





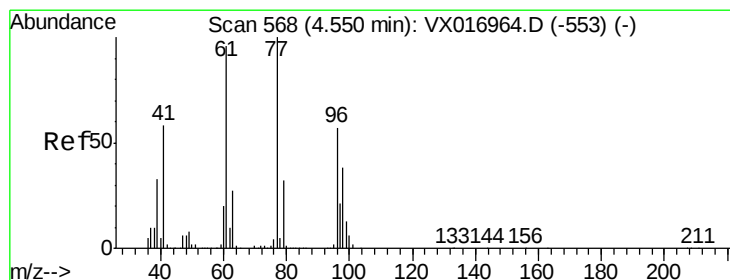
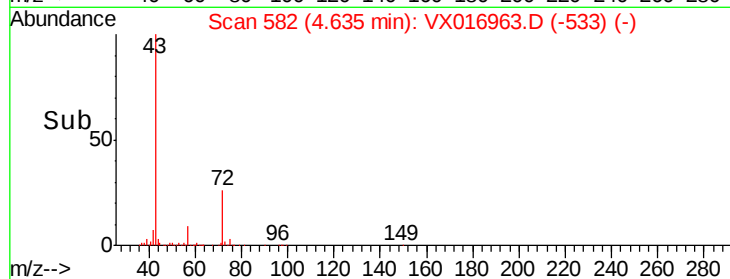
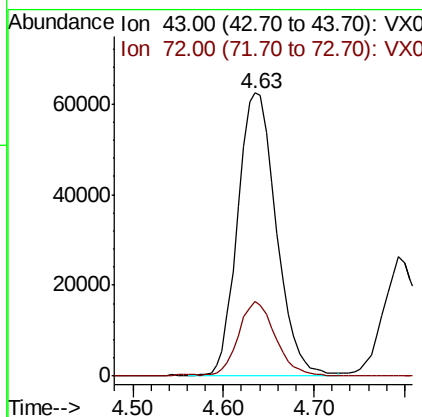
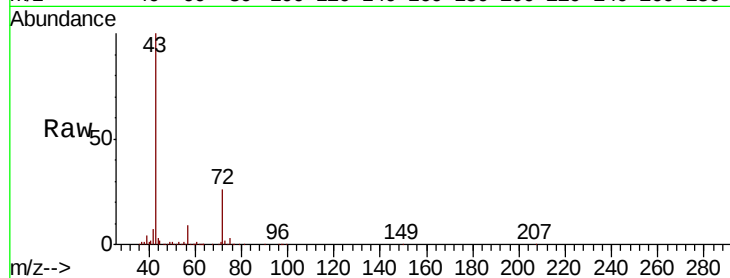
#25
2-Butanone
Concen: 111.962 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.2	20.0	30.0

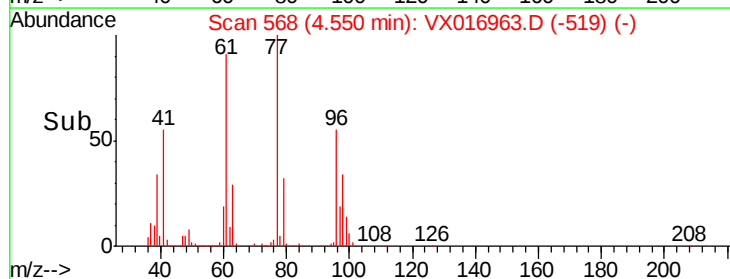
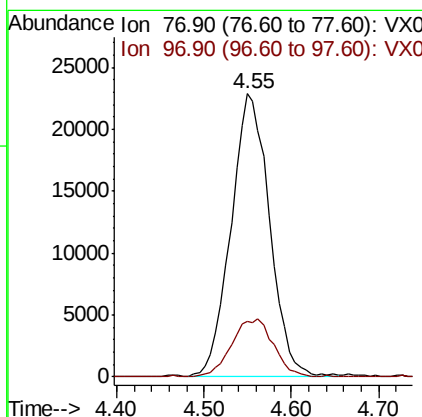
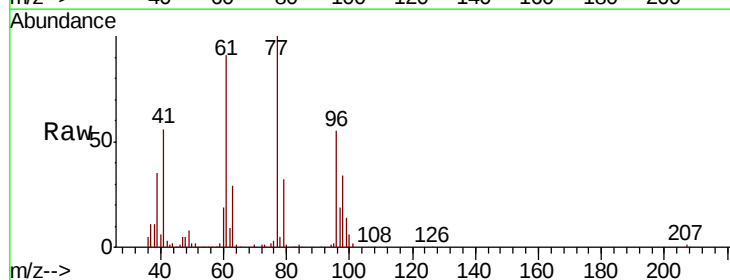
Manual Integrations
APPROVED

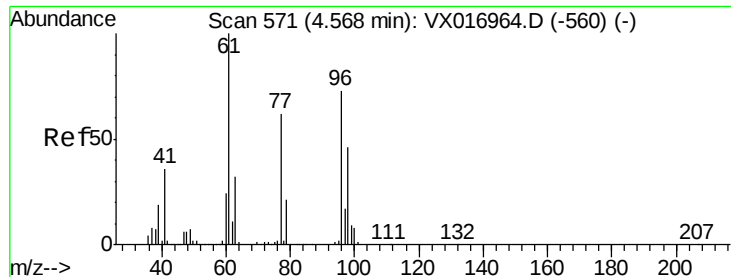
MMDadoda
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#26
2,2-Dichloropropane
Concen: 18.777 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.2	33.5





#27

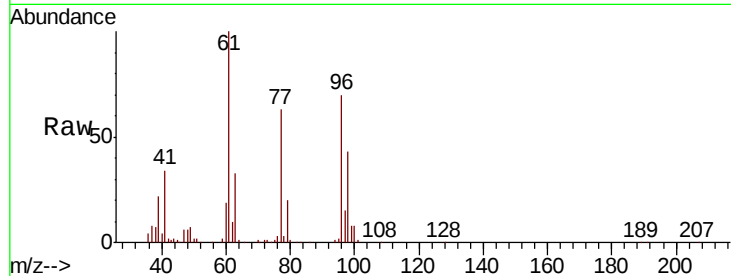
cis-1,2-Dichloroethene
Concen: 19.929 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

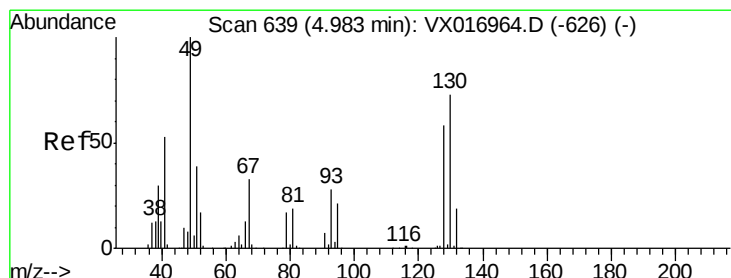
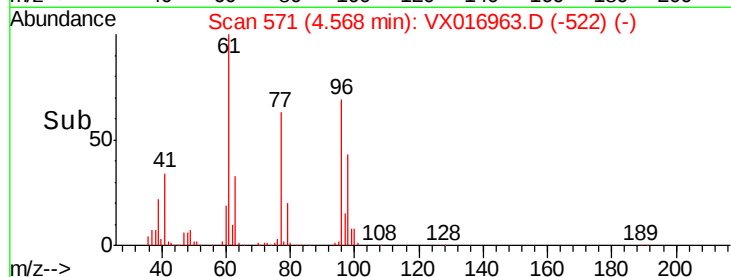
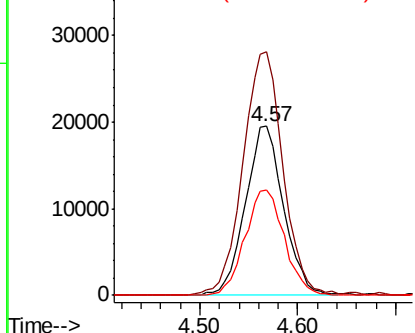
Tot Ion	Ratio	Resp	Lower	Upper
96	100	53171		
61	150.5		0.0	307.2
98	64.3		0.0	128.4

Manual Integrations
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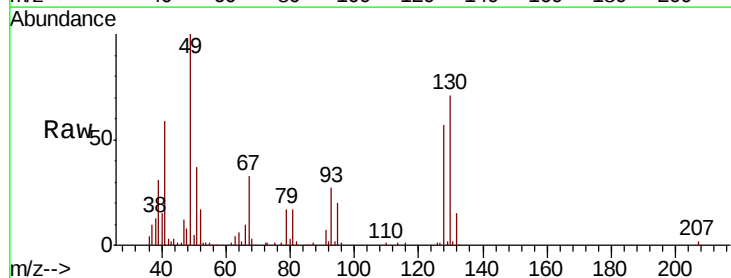
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



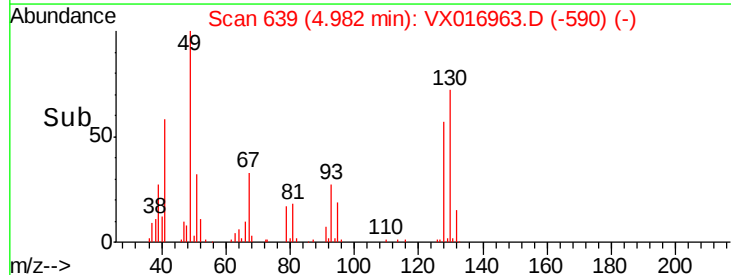
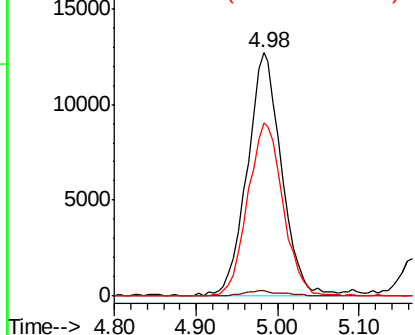
#28

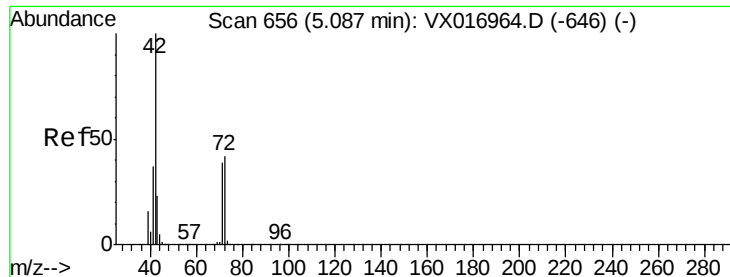
Bromochloromethane
Concen: 19.823 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	37289		
129	2.5		0.0	4.4
130	72.8		58.7	88.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





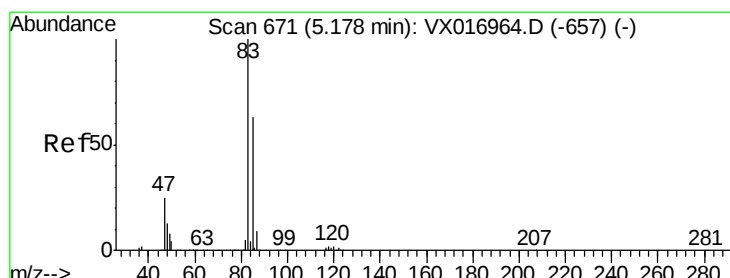
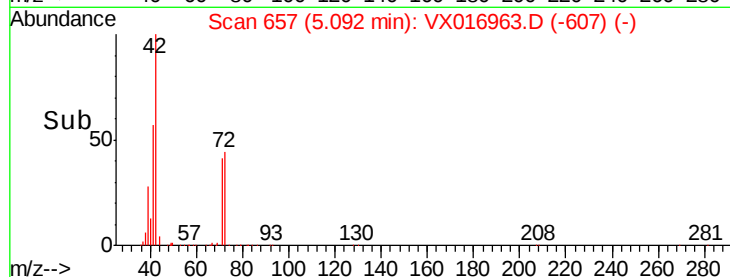
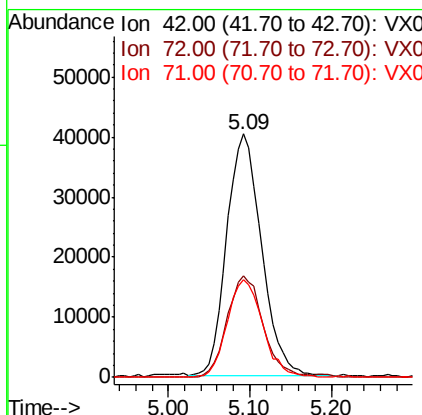
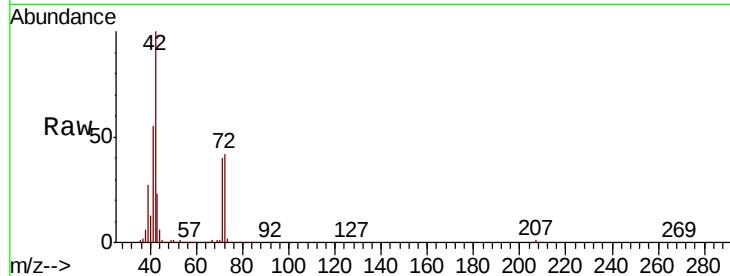
#29
Tetrahydrofuran
Concen: 109.918 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	42	Resp:	118850
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.1	51.1
71	41.4	32.1	48.1

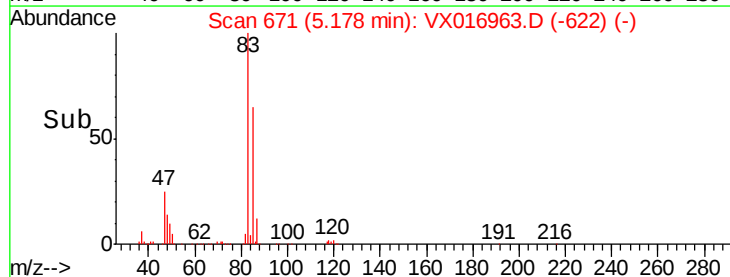
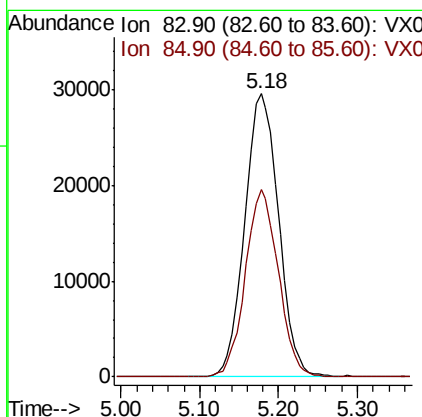
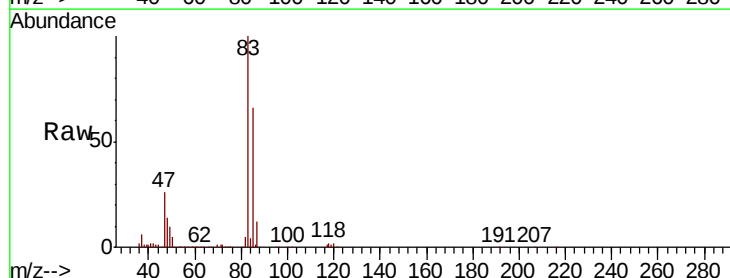
Manual Integrations
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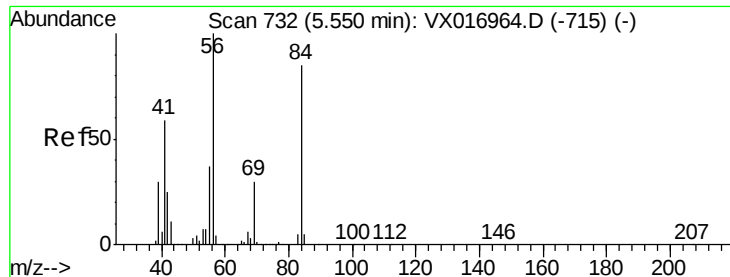
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#30
Chloroform
Concen: 21.051 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion:	83	Resp:	88686
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.7	76.1





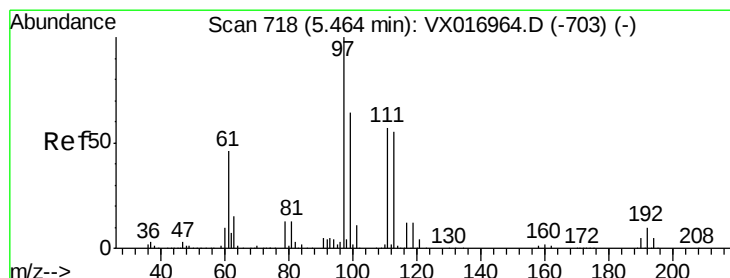
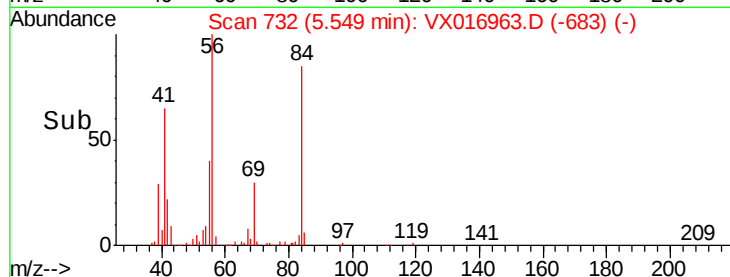
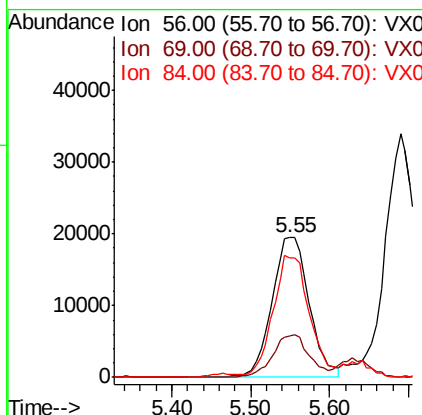
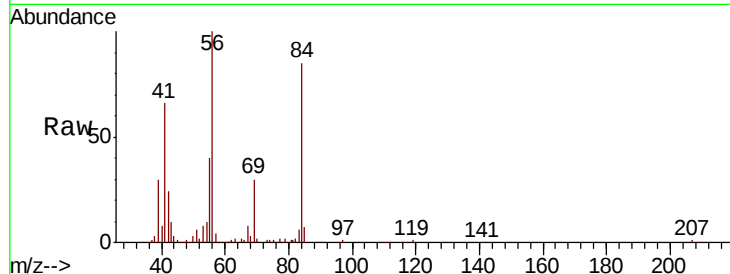
#31
Cyclohexane
Concen: 16.219 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.6	35.4
84	85.4	67.8	101.8

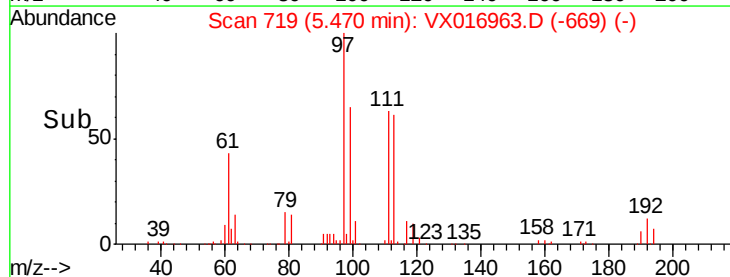
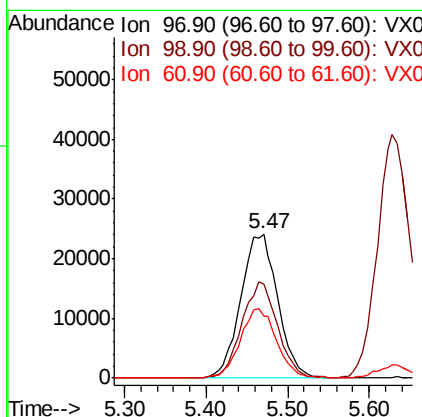
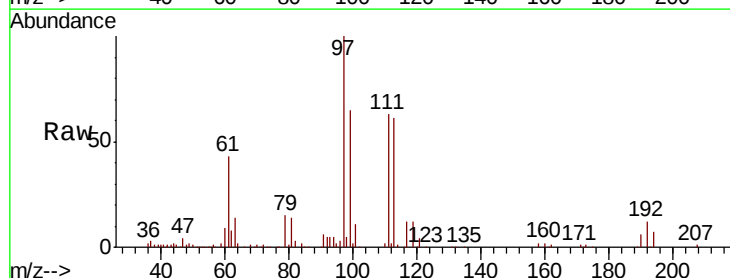
Manual Integrations
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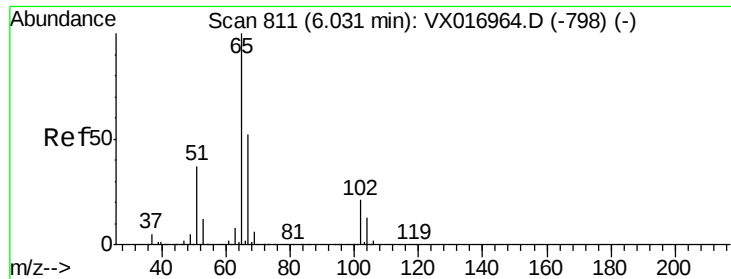
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#32
1,1,1-Trichloroethane
Concen: 19.928 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	47.6	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 22.280 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 60115

Ion Ratio Lower Upper

65 100

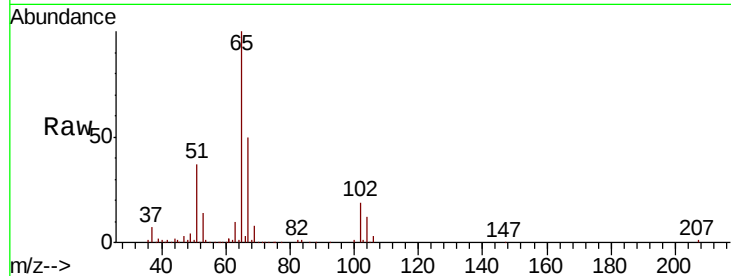
67 50.8 0.0 102.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

25000

20000

15000

10000

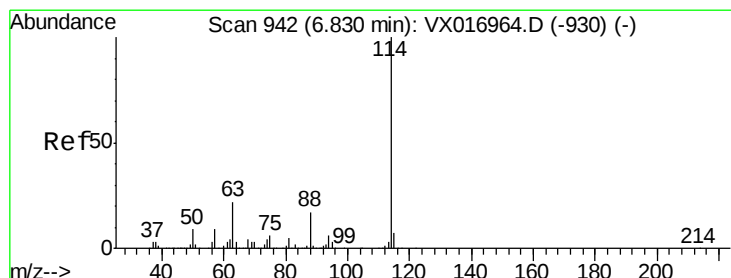
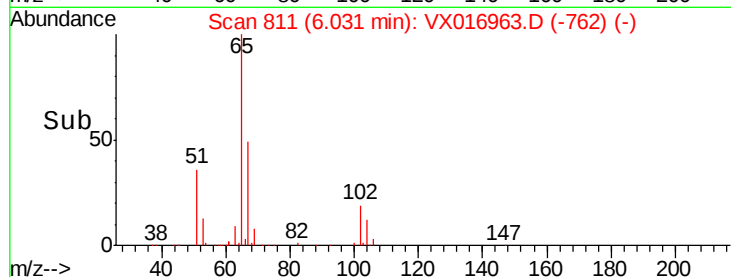
5000

0

Time-->

5.90 6.00 6.10

6.03



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

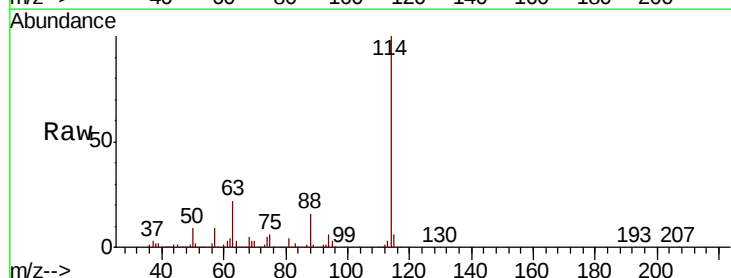
Tgt Ion: 114 Resp: 339339

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.4

88 16.1 0.0 33.2



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

200000

150000

100000

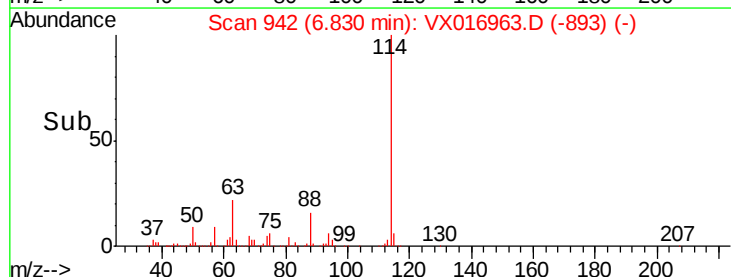
50000

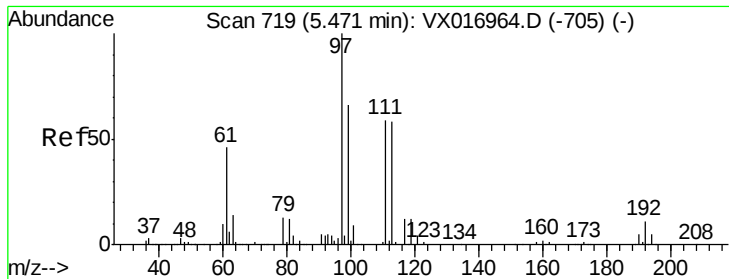
0

Time-->

6.70 6.80 6.90 7.00

6.83





#35

Dibromofluoromethane

Concen: 23.103 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

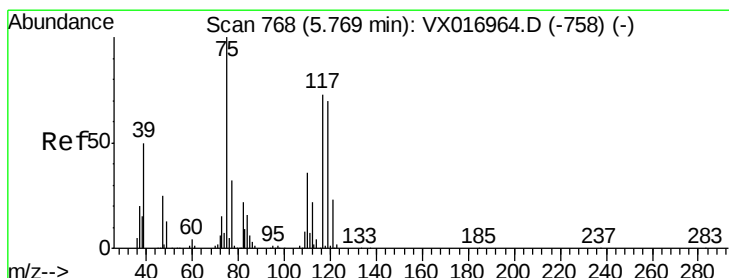
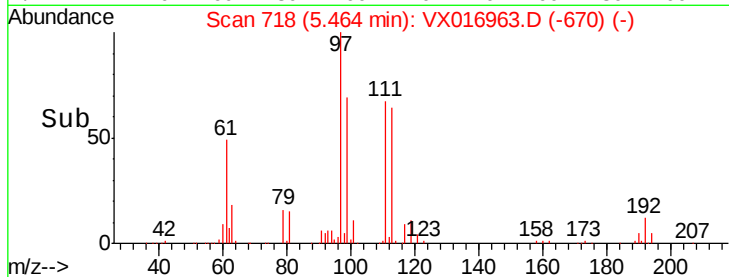
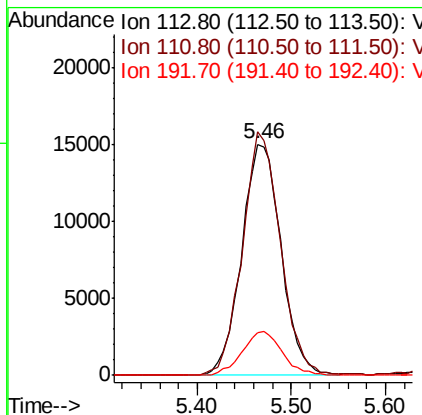
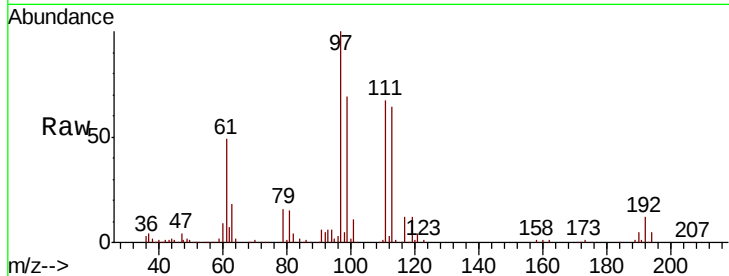
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	43969
Ion	Ratio	Lower	Upper
113	100		
111	101.3	84.3	126.5
192	19.2	15.2	22.8

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#36

1,1-Dichloropropene

Concen: 18.691 ug/l

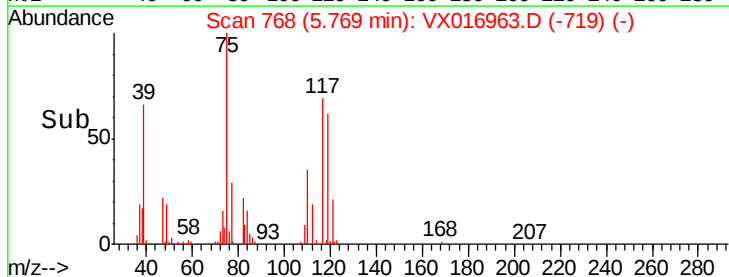
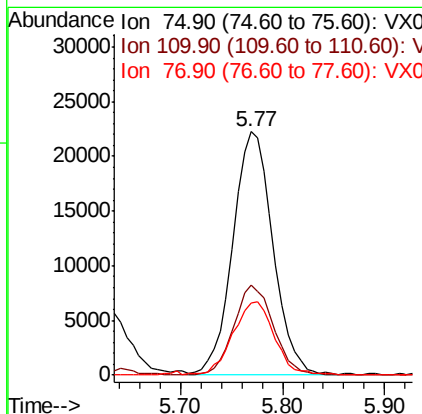
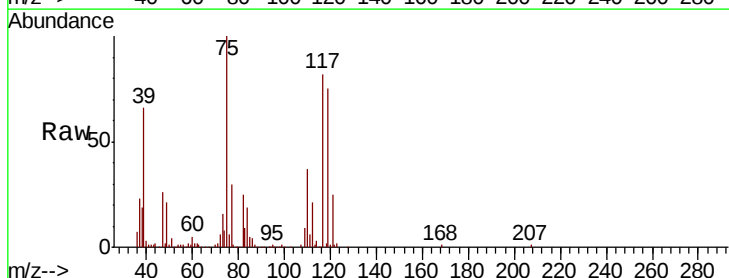
RT: 5.77 min Scan# 768

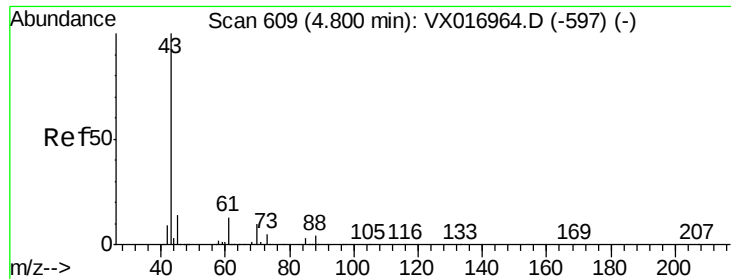
Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion:	75	Resp:	60941
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.2	51.6
77	31.0	24.7	37.1





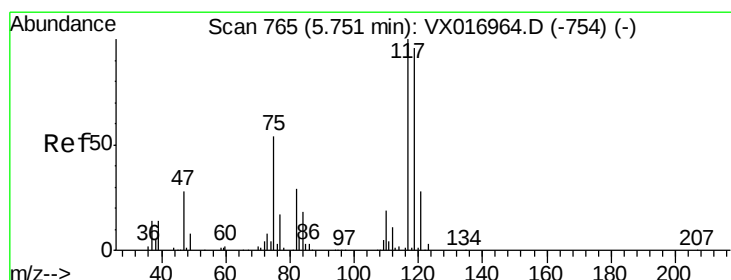
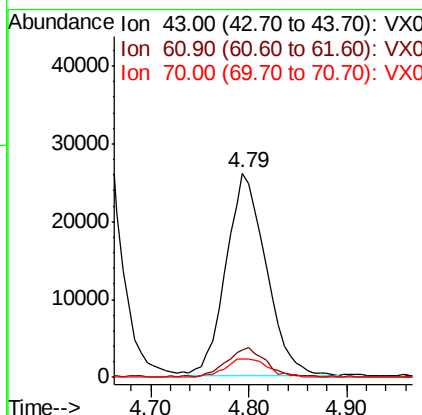
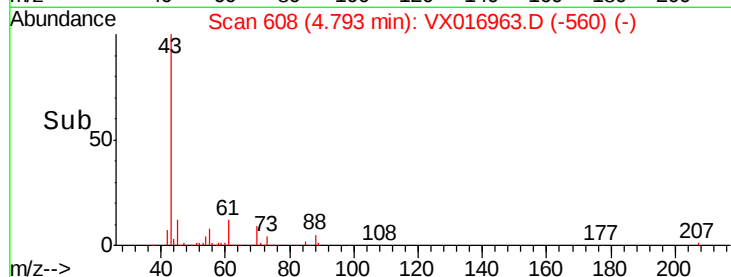
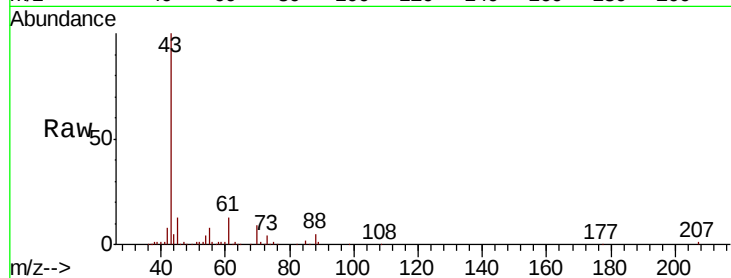
#37
Ethyl Acetate
Concen: 22.156 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.8	16.2
70	10.1	8.0	12.0

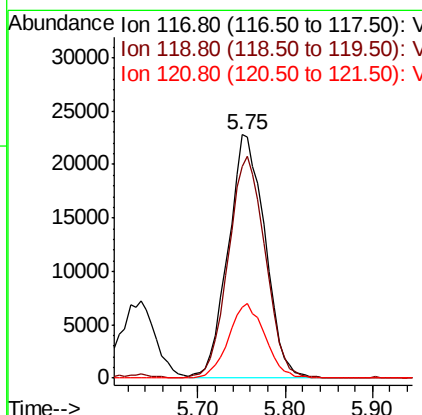
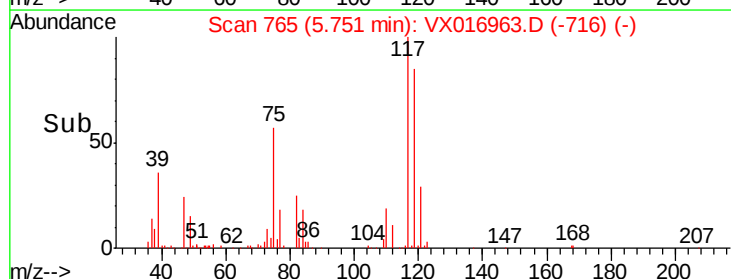
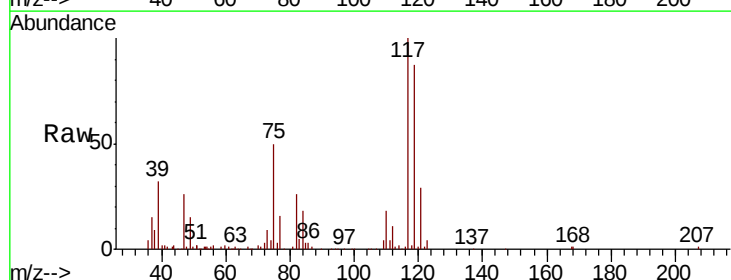
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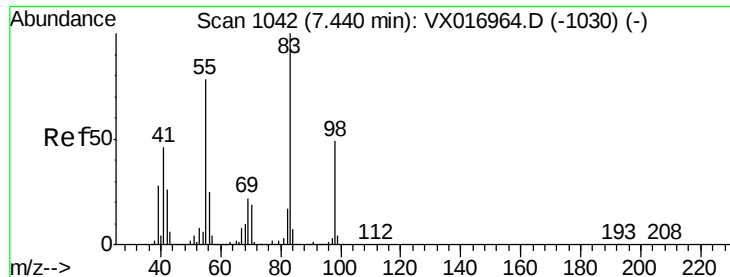
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.761 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.8	76.6	114.8
121	29.1	22.5	33.7





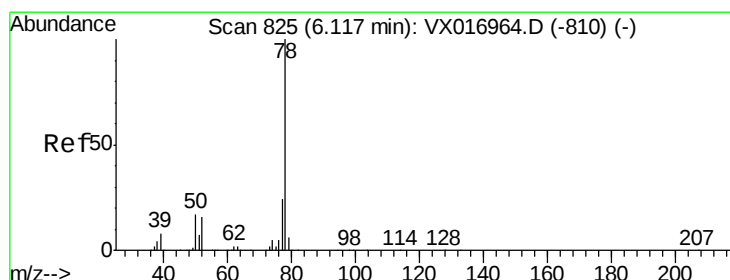
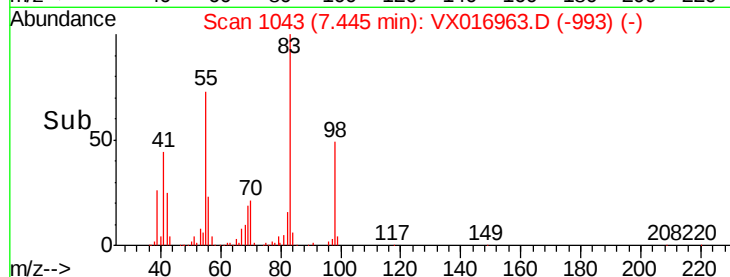
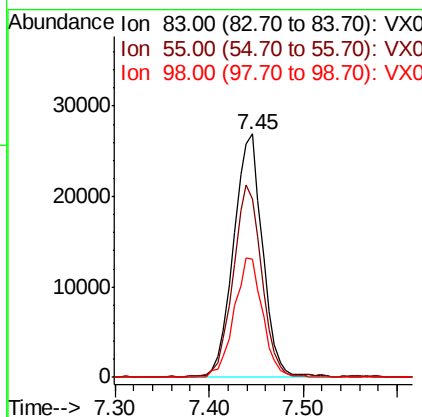
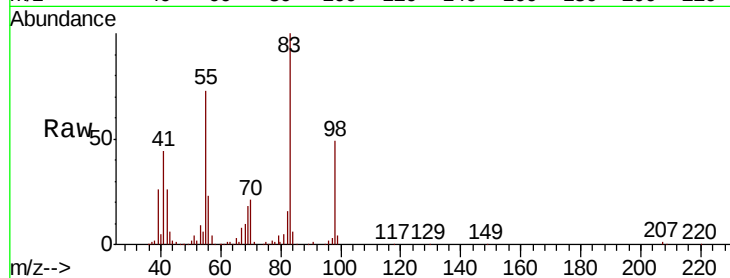
#39
Methvlcvclohexane
Concen: 14.802 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	62.4	93.6
98	48.5	39.4	59.0

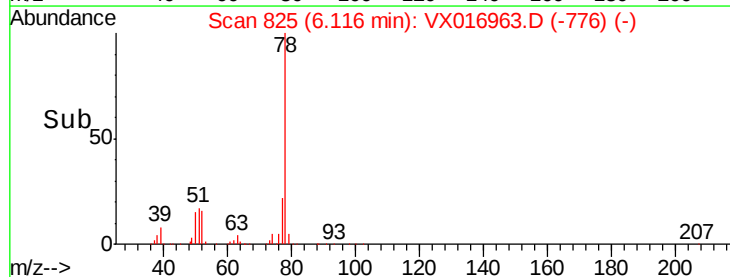
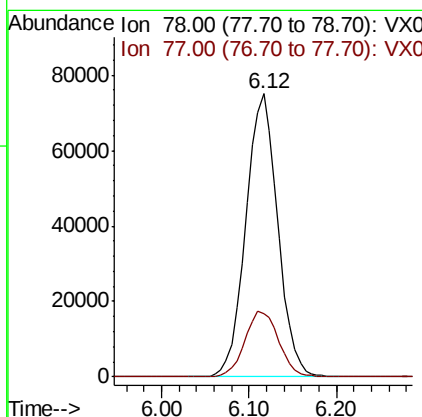
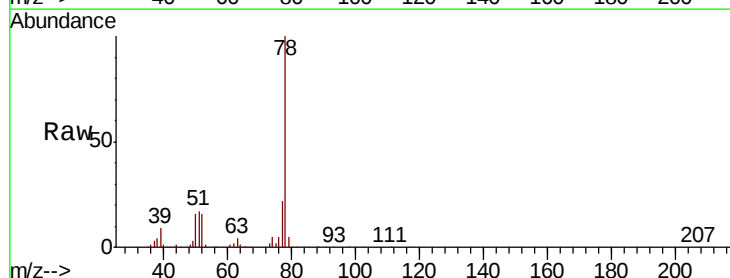
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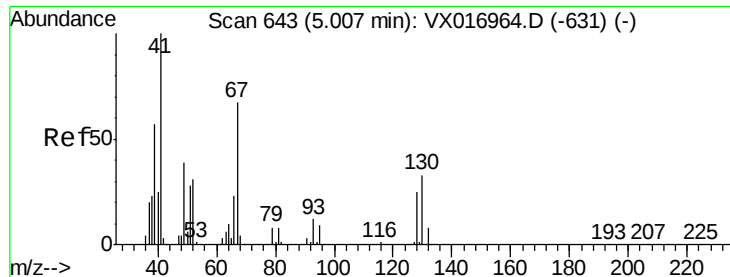
MMDadoda
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#40
Benzene
Concen: 20.096 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3





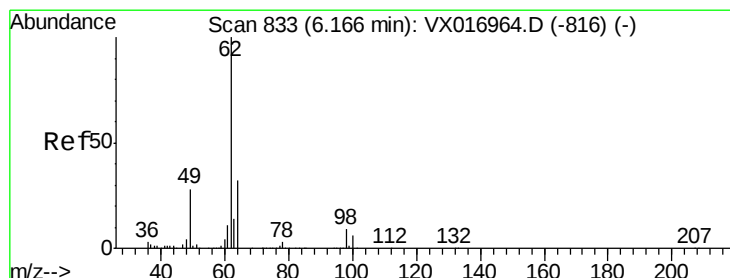
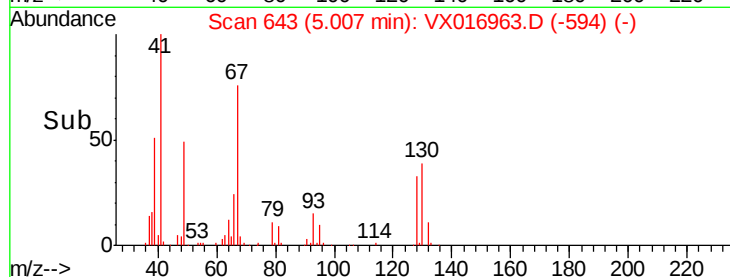
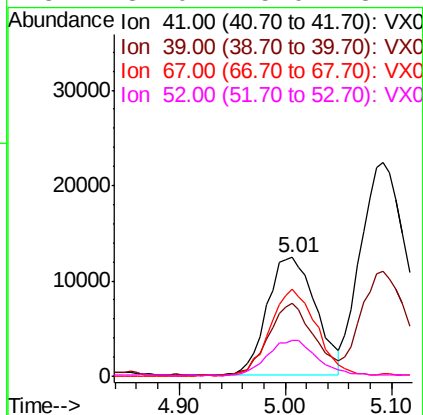
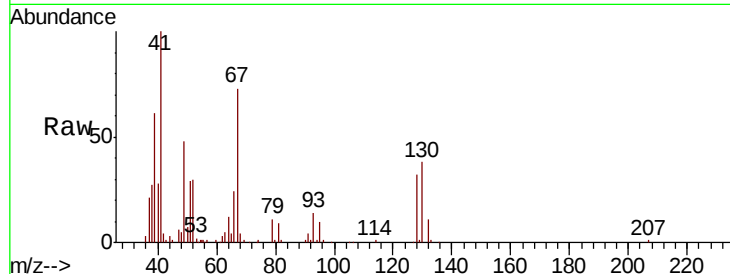
#41
Methacrylonitrile
Concen: 21.038 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	46.6	70.0	
67	69.7	57.0	85.6	
52	32.0	25.0	37.4	

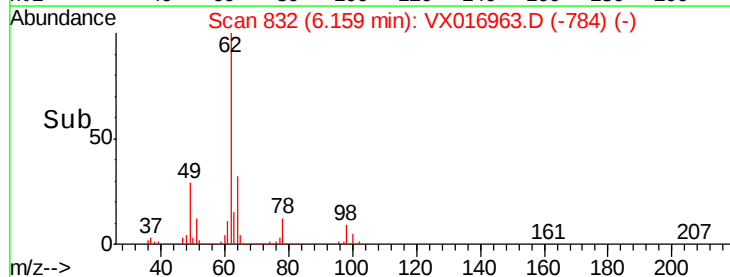
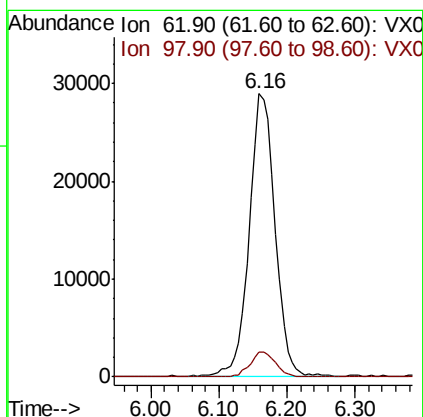
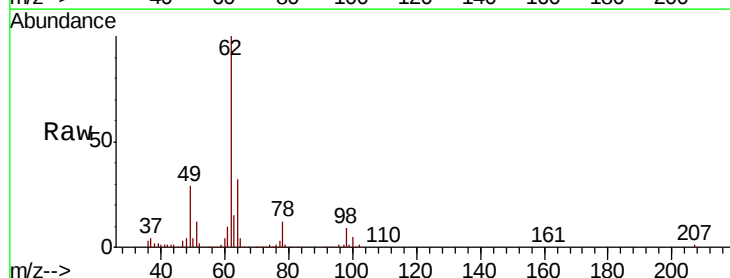
Manual Integrations
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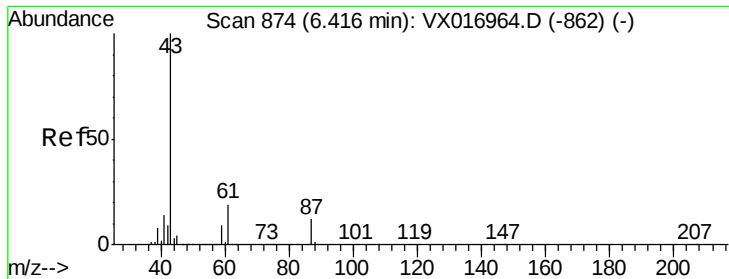
MMDadoda
6/29/2020 12:32:21 PM



#42
1,2-Dichloroethane
Concen: 22.779 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.2	





#43

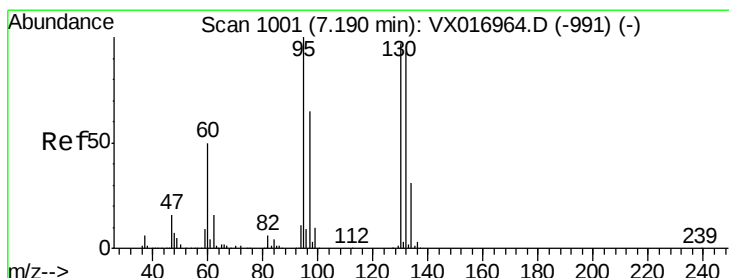
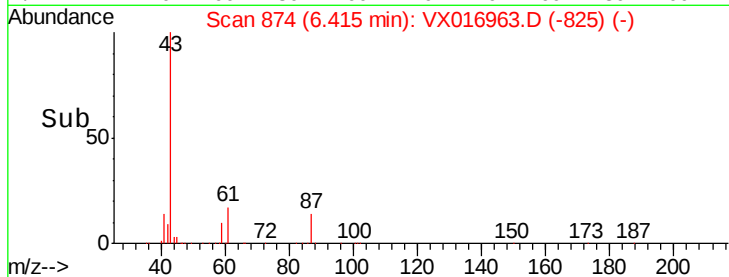
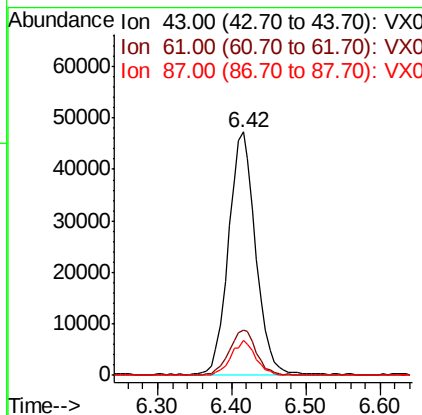
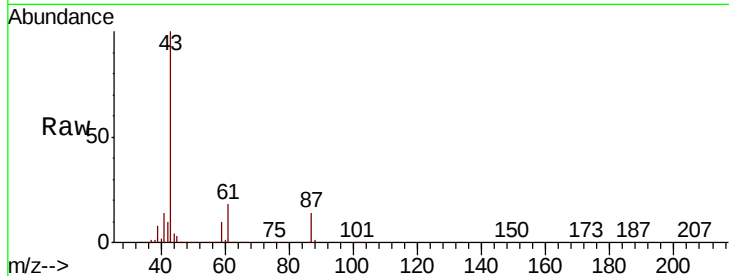
Isopropyl Acetate
 Concen: 21.802 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.0	22.6
87	13.1	10.0	15.0

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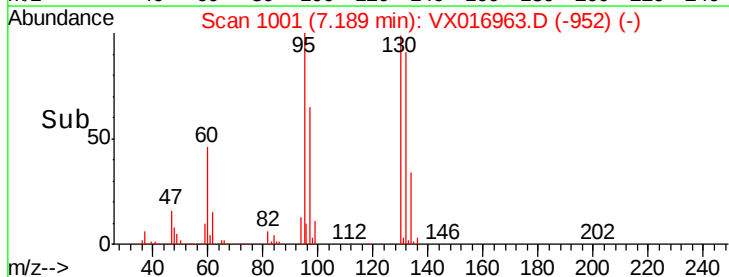
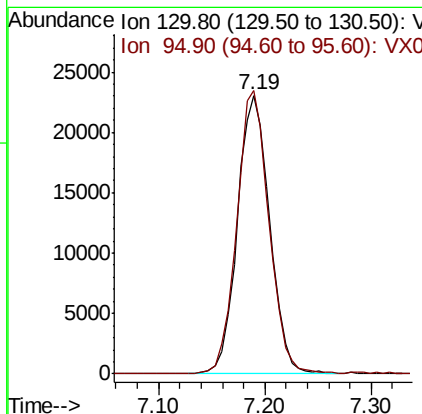
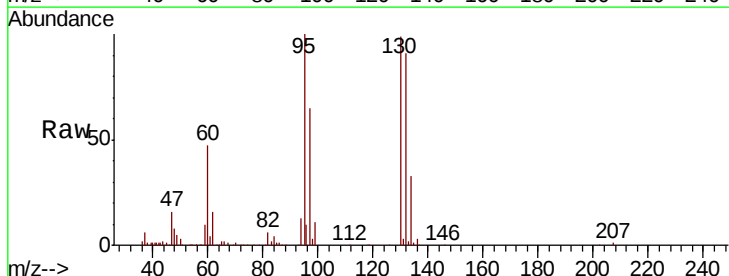
MMDadoda
 6/29/2020 12:32:21 PM

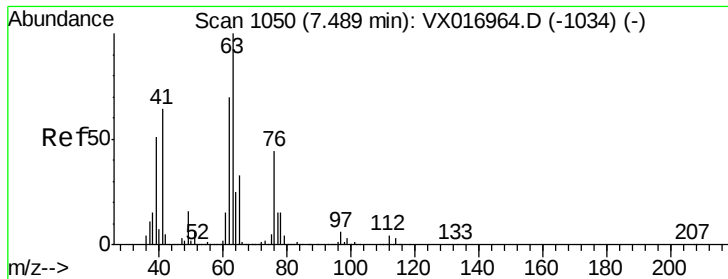


#44

Trichloroethene
 Concen: 17.180 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	206.6





#45

1,2-Dichloropropane

Concen: 20.508 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 49966

Ion Ratio Lower Upper

63 100

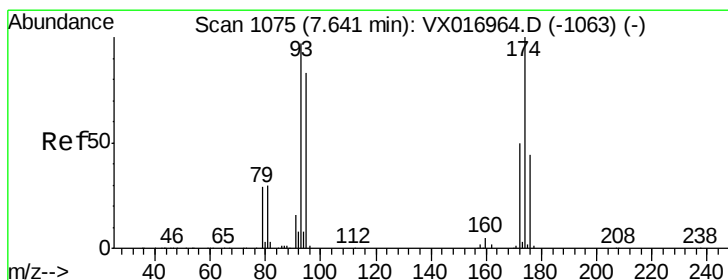
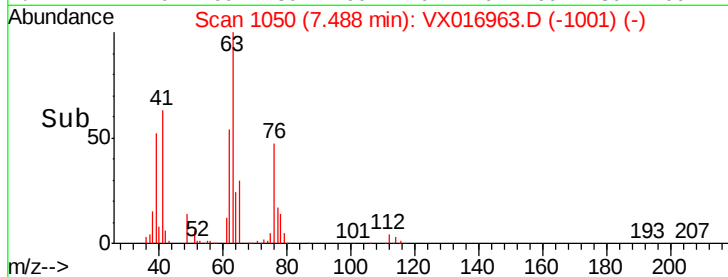
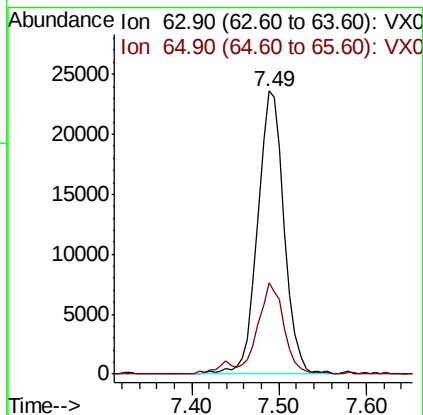
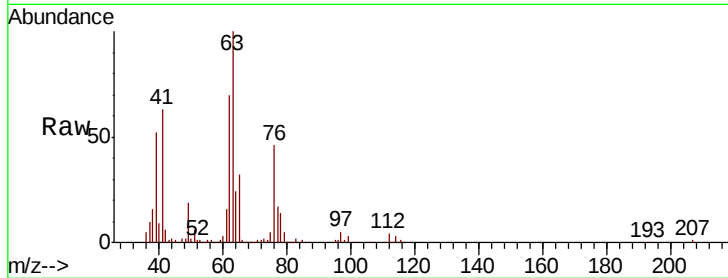
65 32.2 26.1 39.1

Manual Integrations

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#46

Dibromomethane

Concen: 21.785 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

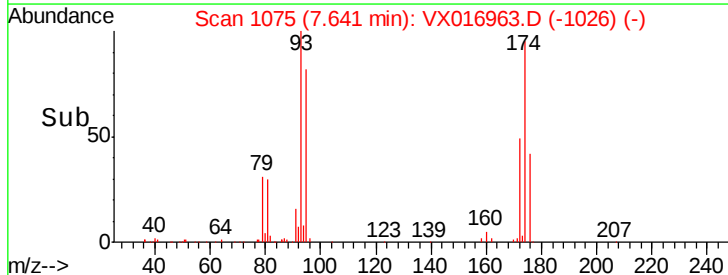
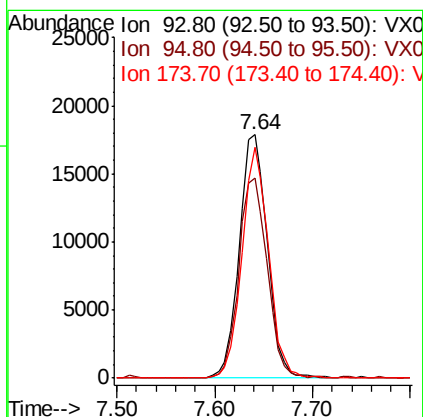
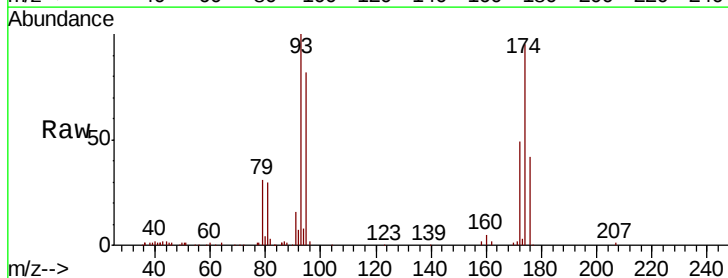
Tgt Ion: 93 Resp: 35575

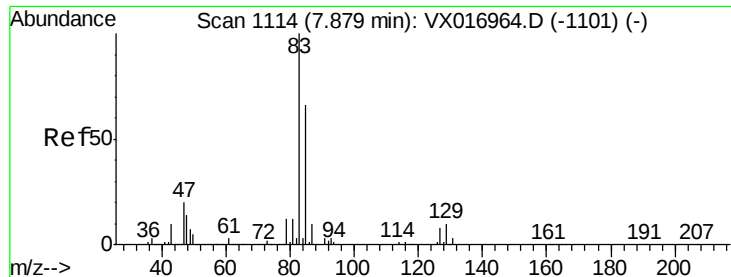
Ion Ratio Lower Upper

93 100

95 83.1 67.5 101.3

174 89.9 75.0 112.4





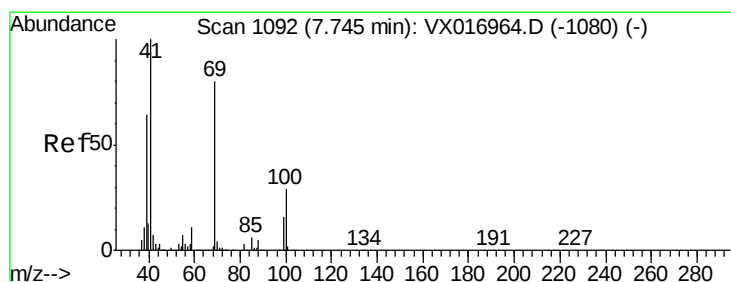
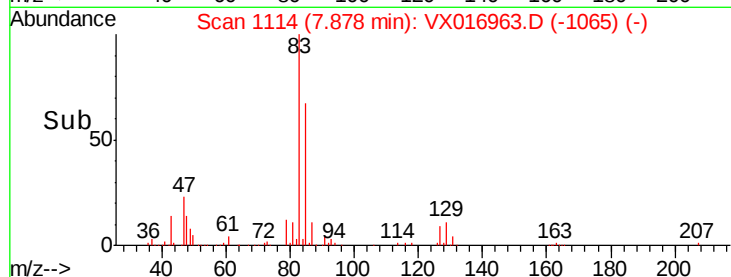
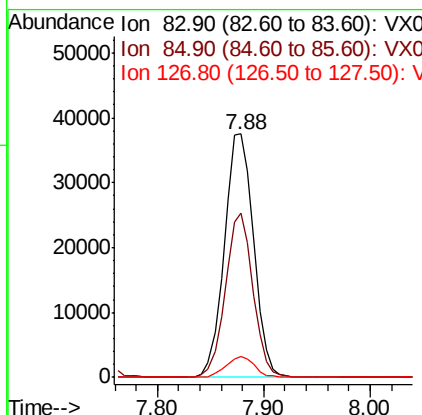
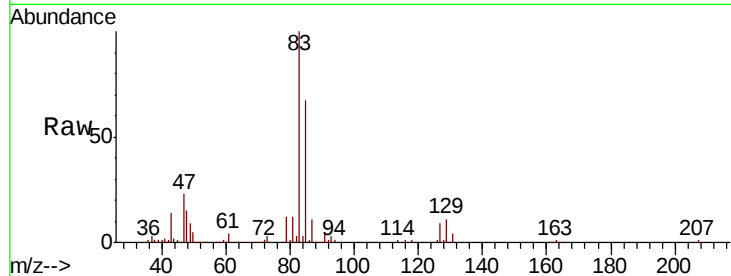
#47
Bromodichloromethane
Concen: 21.595 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.1	79.7
127	8.8	6.8	10.2

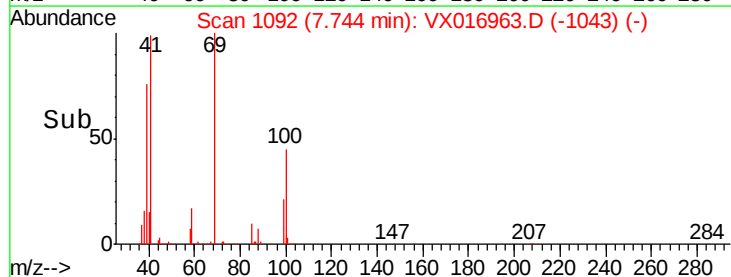
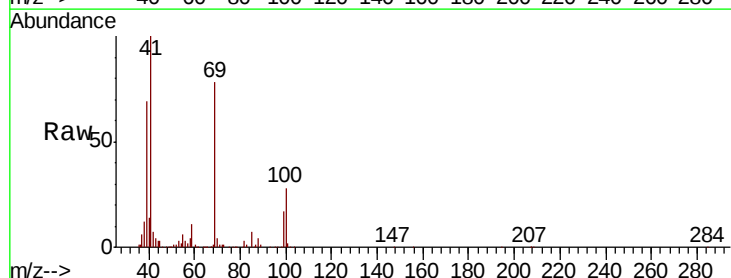
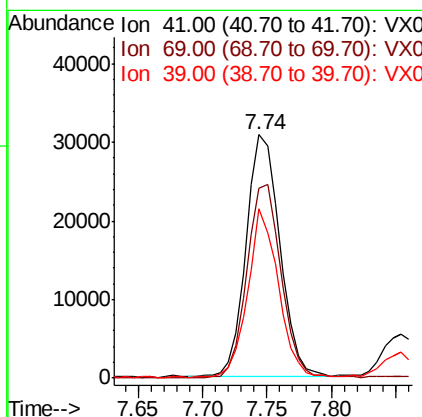
Manual Integrations
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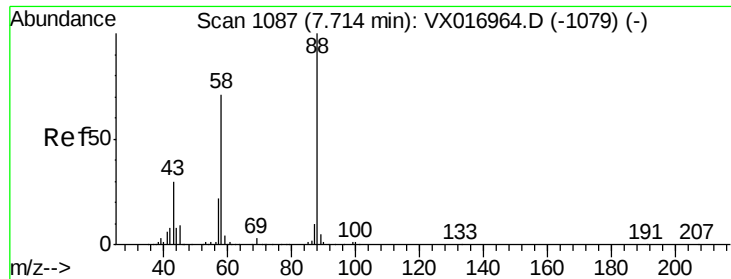
MMDadoda
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#48
Methyl methacrylate
Concen: 20.889 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.5	62.7	94.1
39	62.6	49.6	74.4





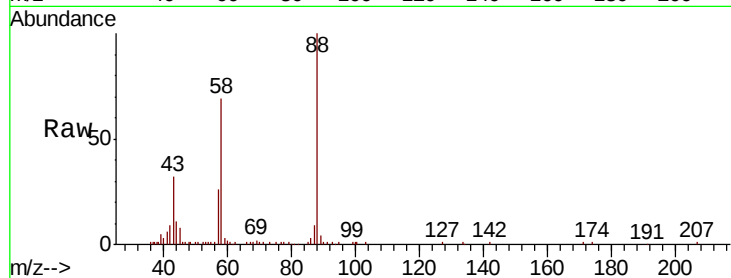
#49
1,4-Dioxane
Concen: 393.883 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	28.1	42.1
58	70.8	56.1	84.1

Manual Integrations
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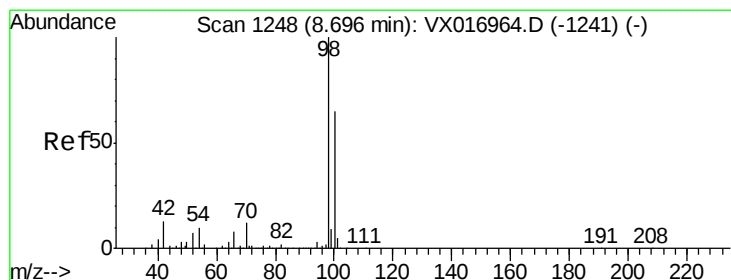
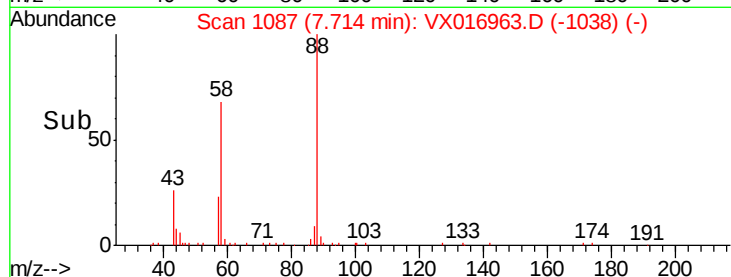
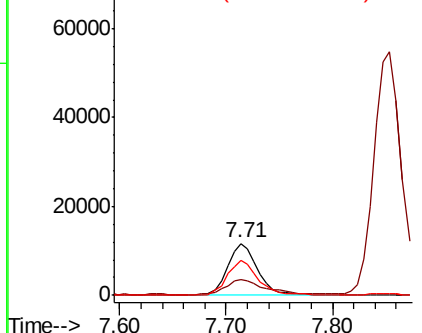


Abundance

Ion 88.00 (87.70 to 88.70): VX0

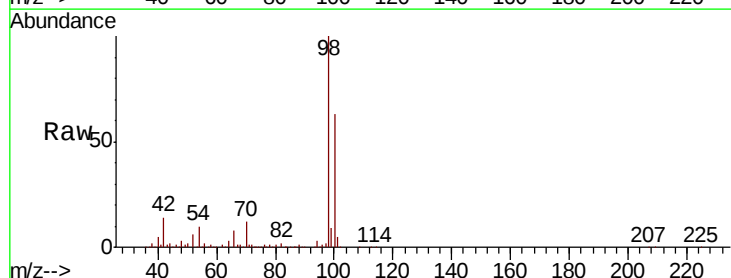
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 19.945 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

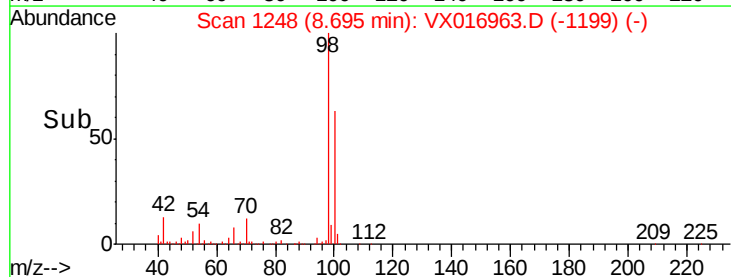
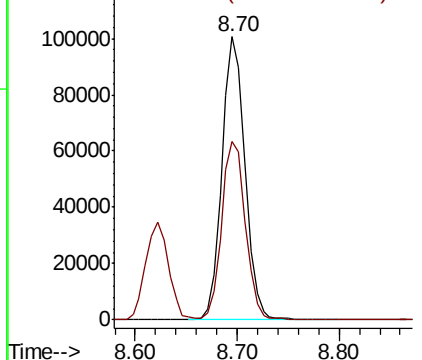
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

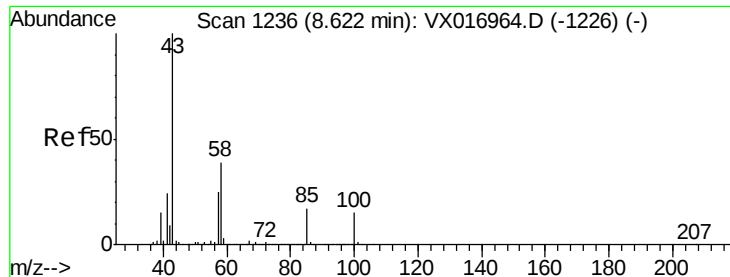


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





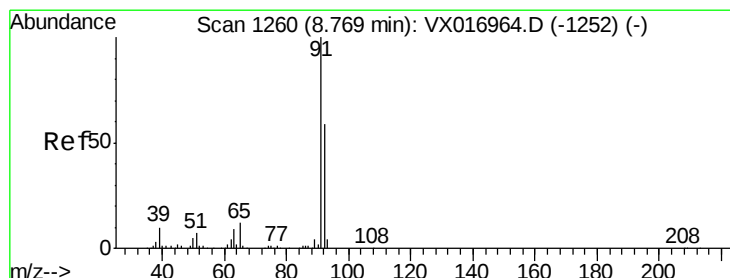
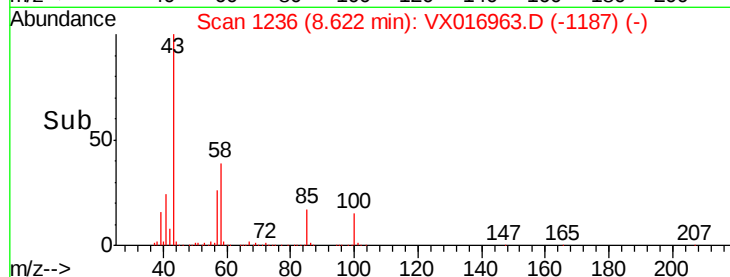
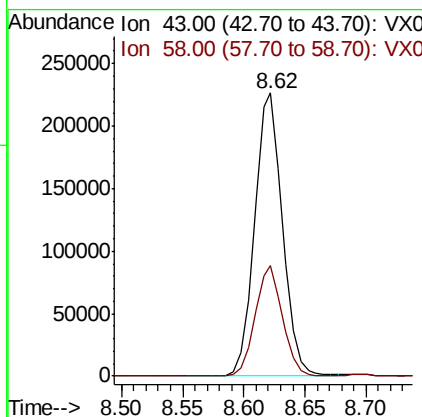
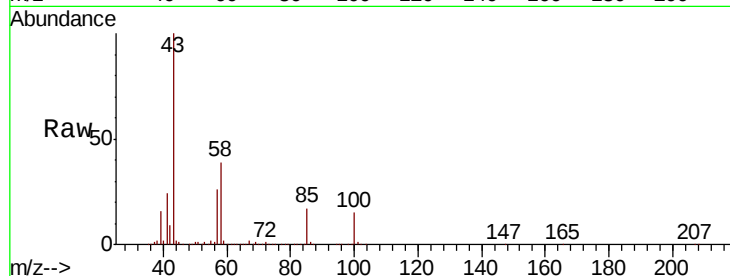
#51
4-Methyl-2-Pentanone
Concen: 112.083 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	357809
Ion Ratio	100	Lower	Upper
43	100		
58	38.4	30.4	45.6

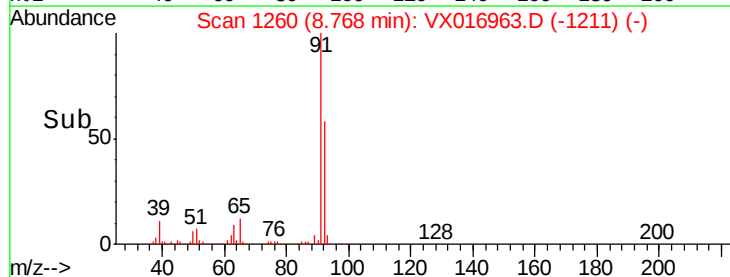
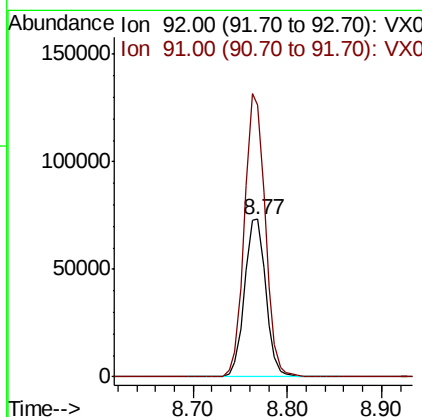
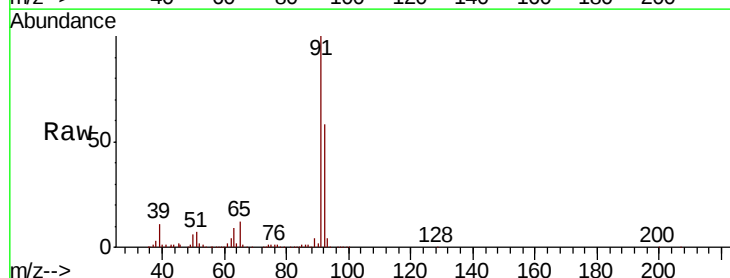
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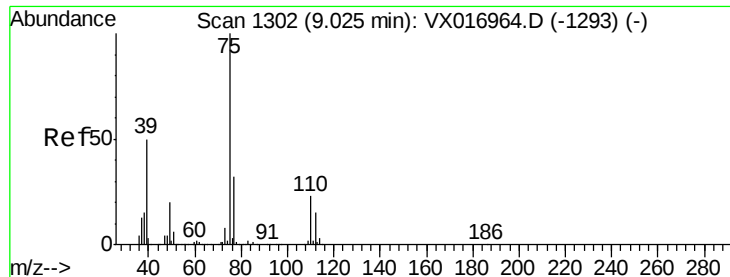
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#52
Toluene
Concen: 19.329 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	92	Resp	116031
Ion Ratio	100	Lower	Upper
92	100		
91	175.3	136.7	205.1





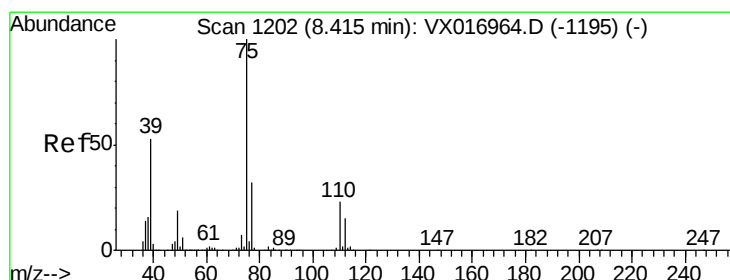
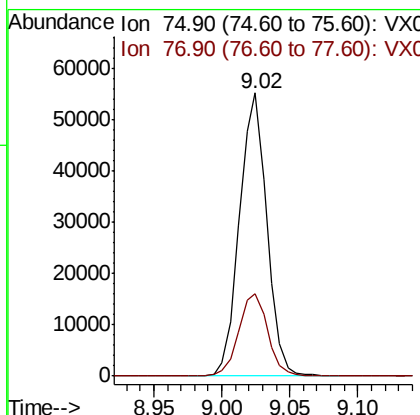
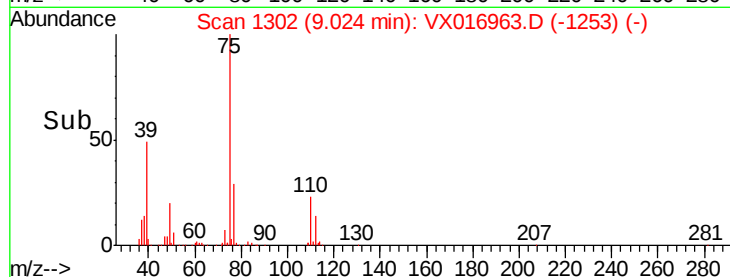
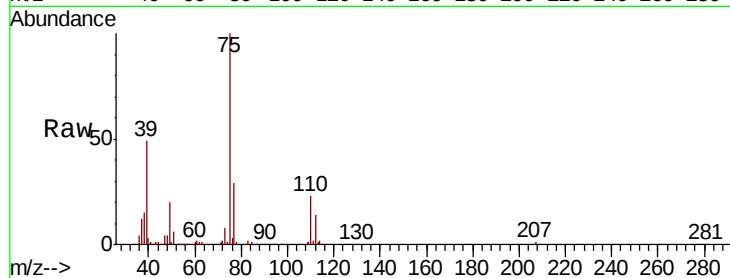
#53
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 77360
Ion Ratio Lower Upper
75 100
77 29.3 25.8 38.6

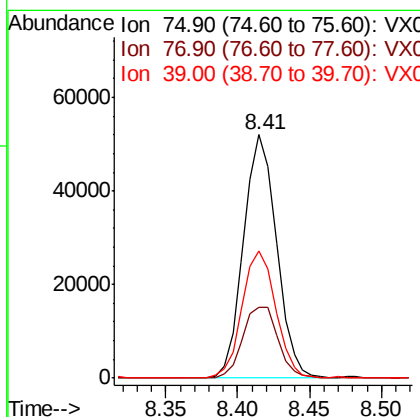
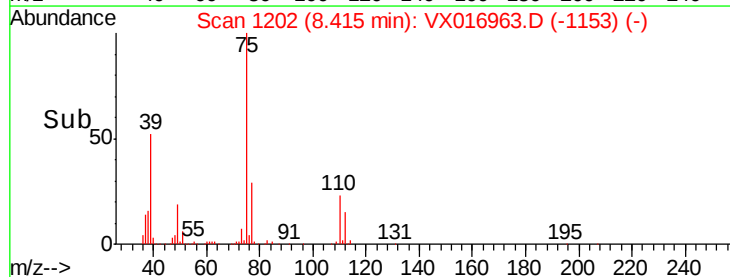
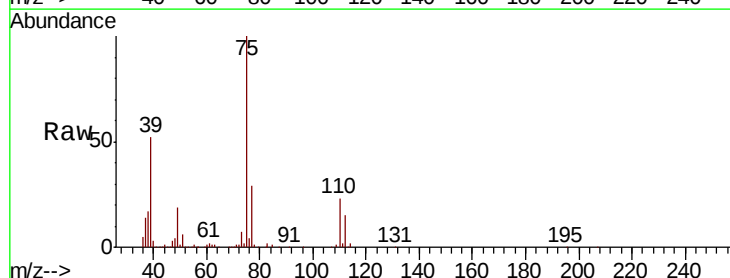
Manual Integrations
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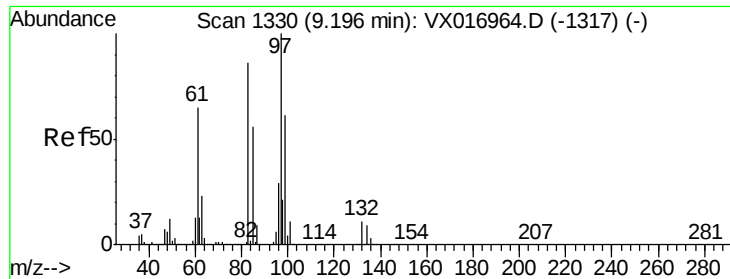
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#54
cis-1,3-Dichloropropene
Concen: 19.915 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 75 Resp: 82525
Ion Ratio Lower Upper
75 100
77 29.1 25.7 38.5
39 52.1 42.7 64.1





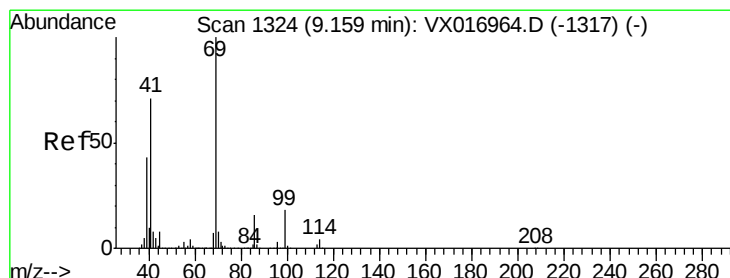
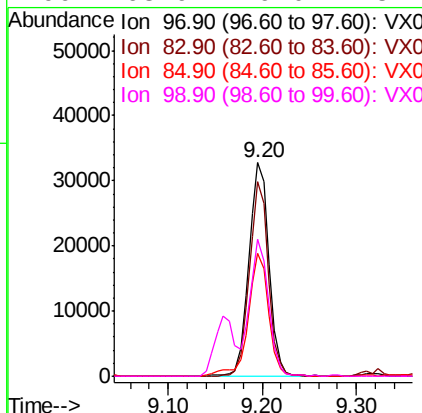
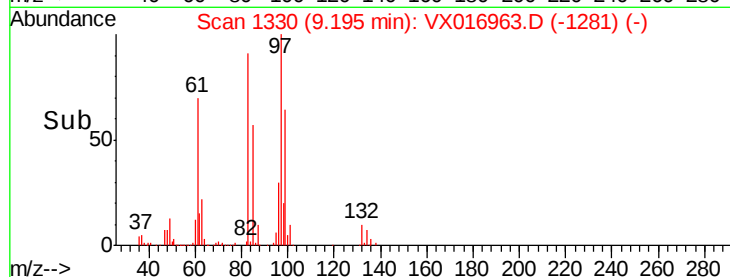
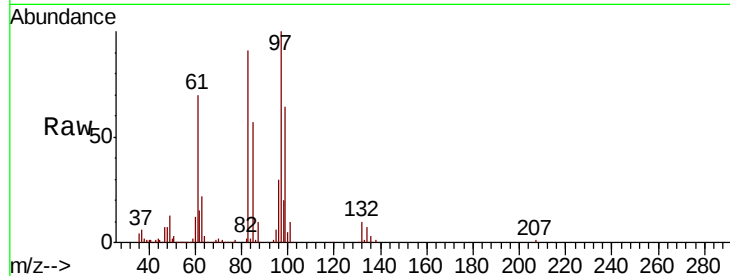
#55
 1,1,2-Trichloroethane
 Concen: 20.425 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	49003
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.6	103.0
85	57.5	44.5	66.7
99	63.9	49.0	73.4

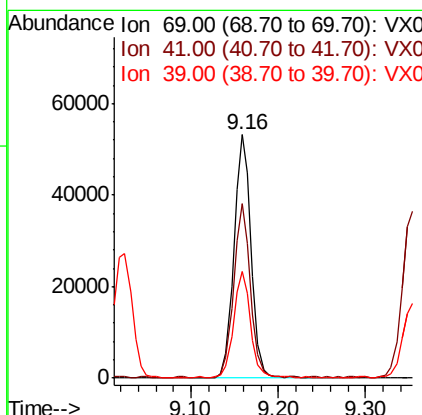
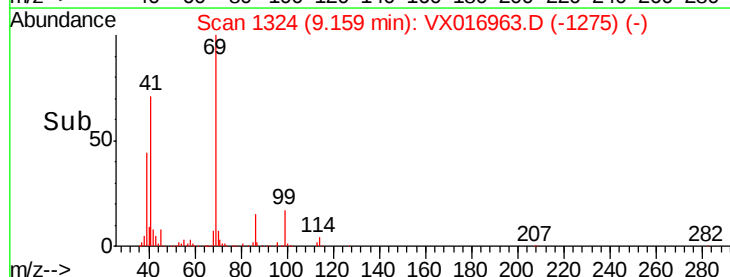
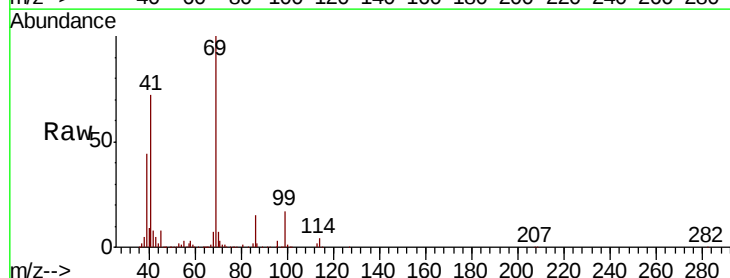
Manual Integrations
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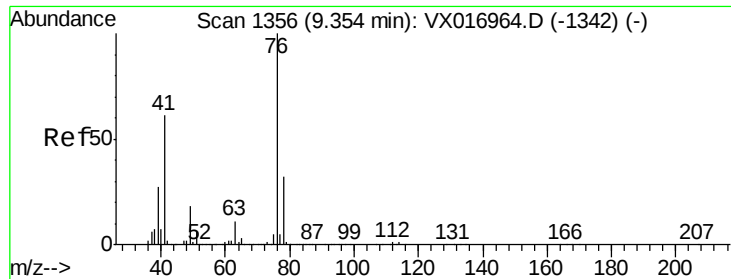
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#56
 Ethyl methacrylate
 Concen: 19.117 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion:	69	Resp:	73456
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.9	83.9
39	42.8	34.6	51.8





#57

1,3-Dichloropropane

Concen: 20.645 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 84729

Ion Ratio Lower Upper

76 100

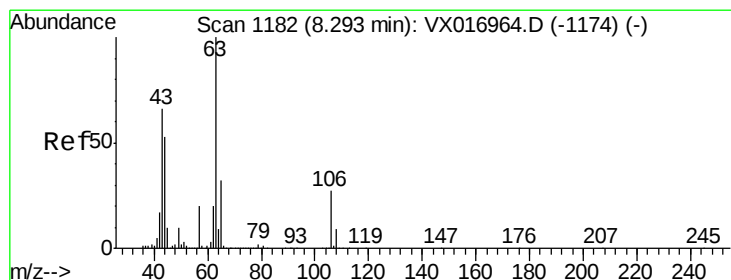
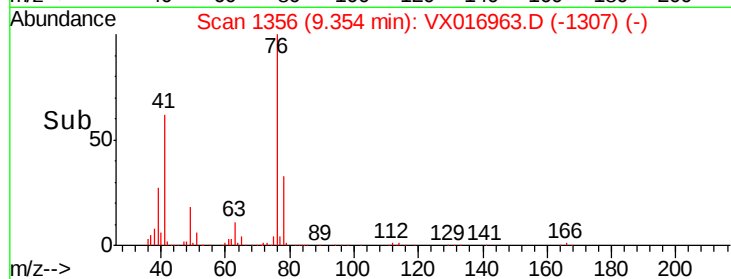
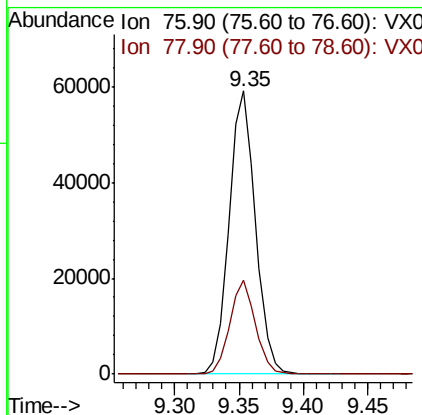
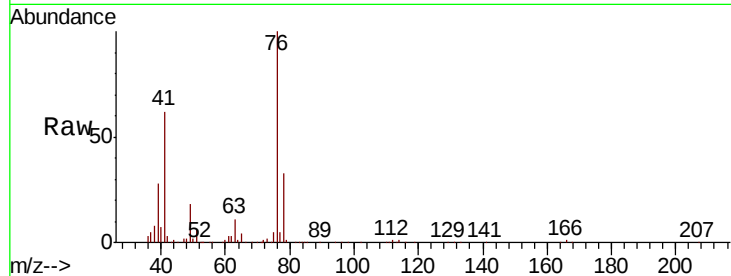
78 32.4 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.245 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016963.D

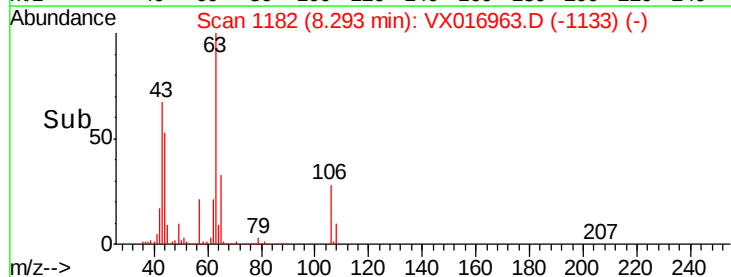
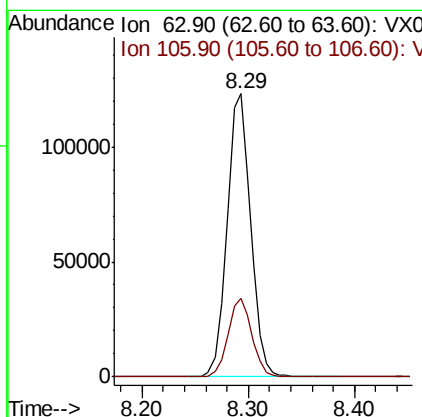
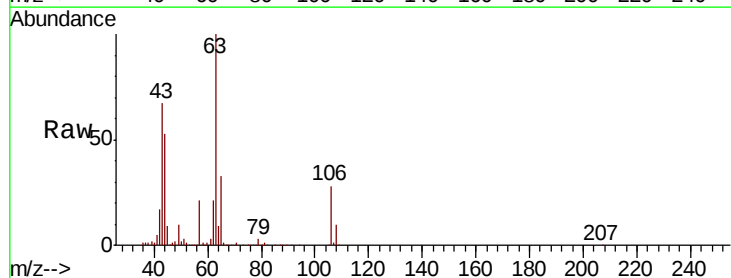
Acq: 25 Jun 2020 19:37

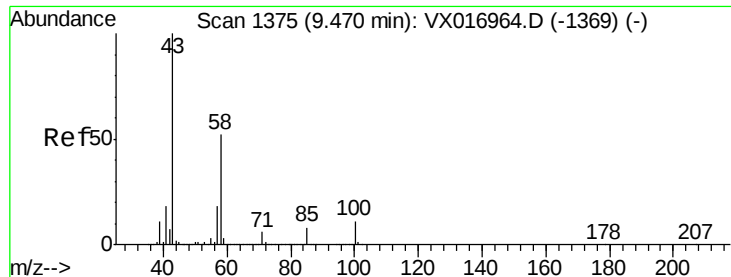
Tgt Ion: 63 Resp: 189660

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1





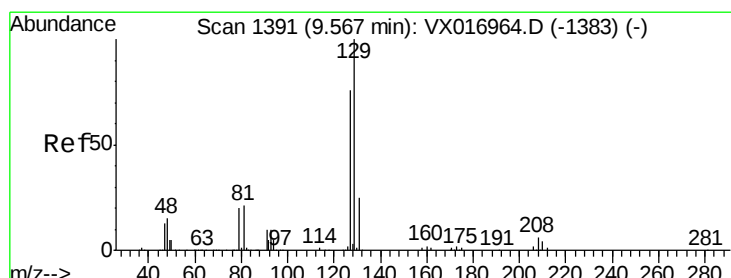
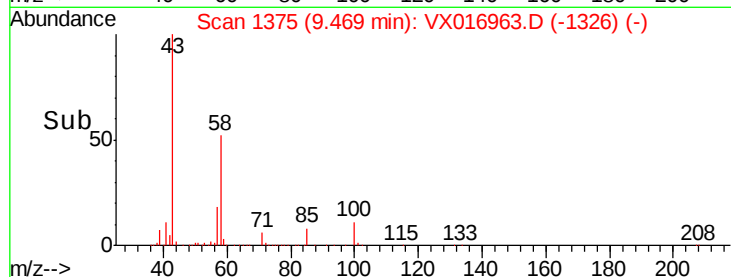
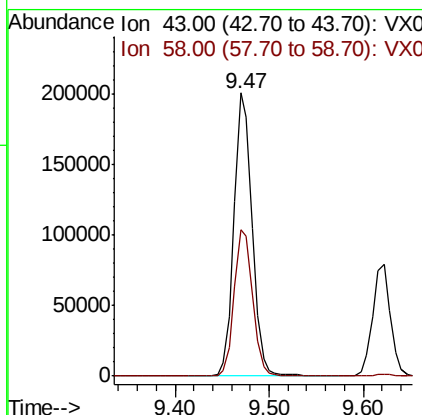
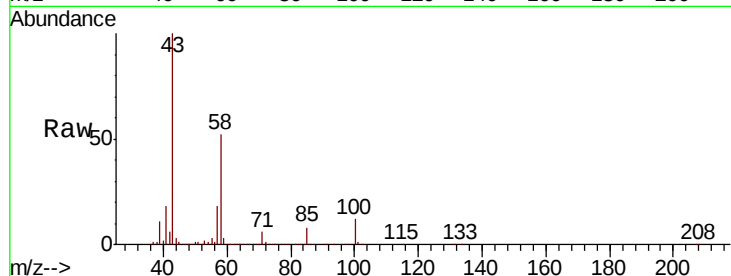
#59
2-Hexanone
Concen: 110.613 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 267759
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.9

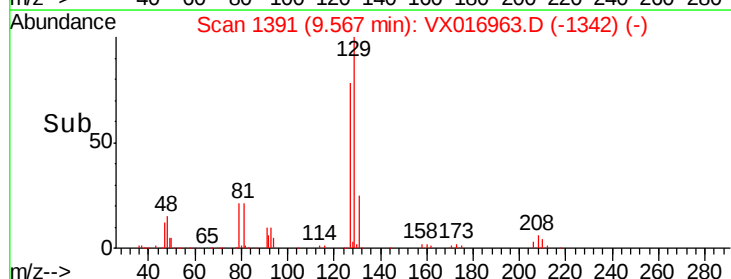
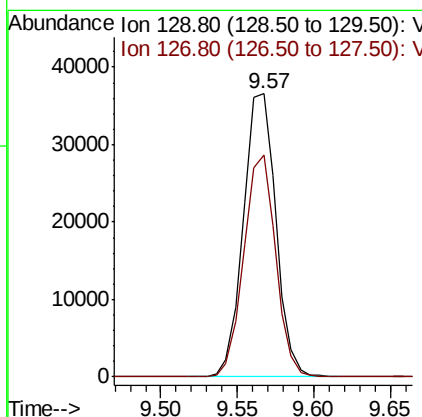
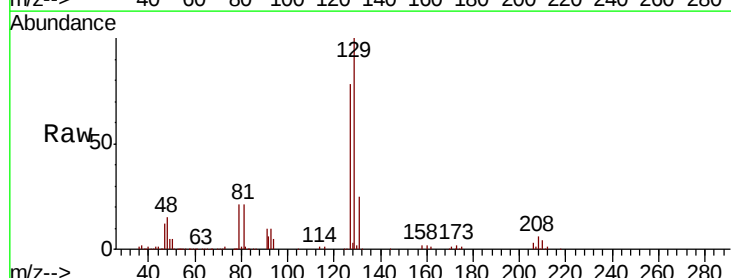
Manual Integrations
APPROVED

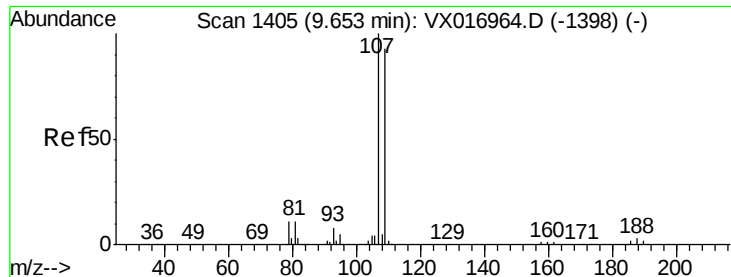
MMDadoda
6/29/2020 12:32:21 PM



#60
Dibromochloromethane
Concen: 22.254 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 129 Resp: 54236
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.0





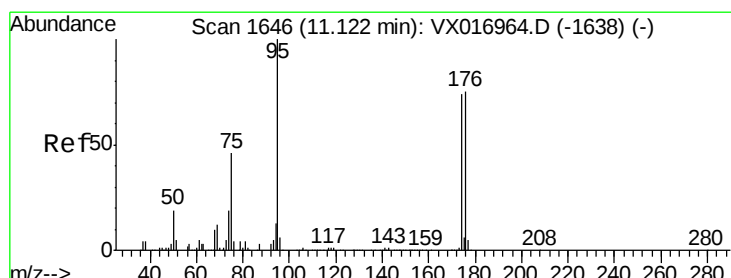
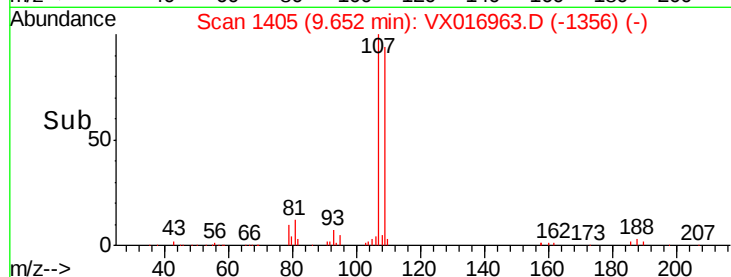
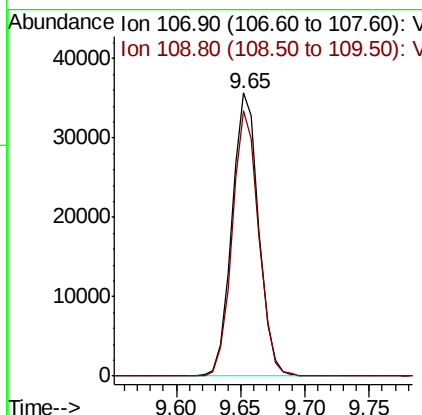
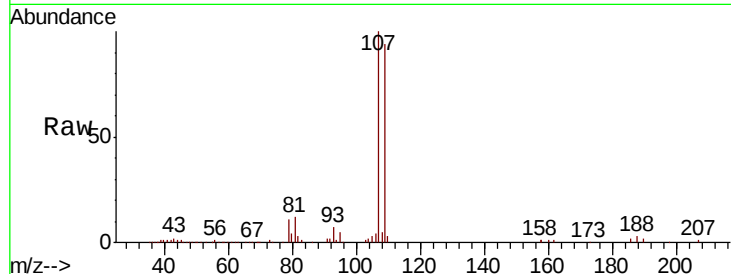
#61
 1,2-Dibromoethane
 Concen: 20.713 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.0	112.6

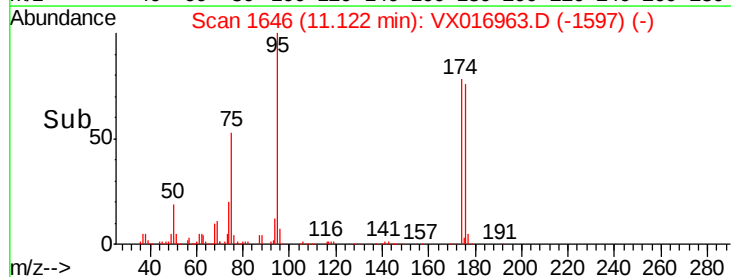
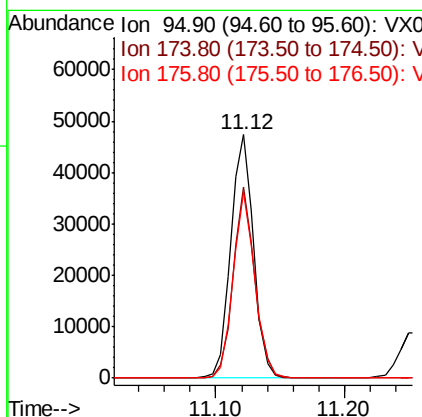
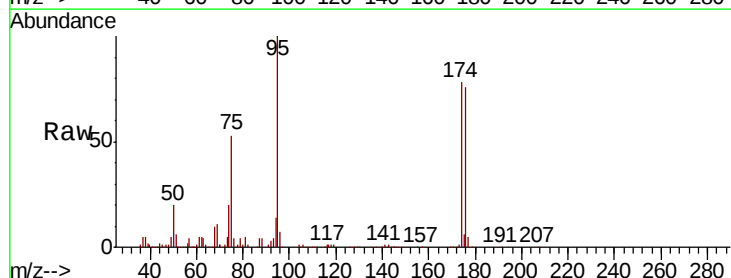
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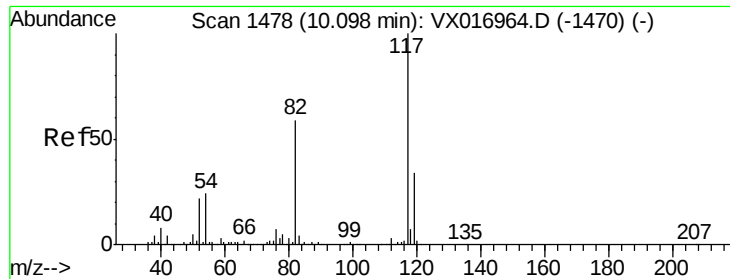
MMDadoda
 6/29/2020 12:32:21 PM



#62
 4-Bromofluorobenzene
 Concen: 18.433 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	149.6
176	73.1	0.0	148.2





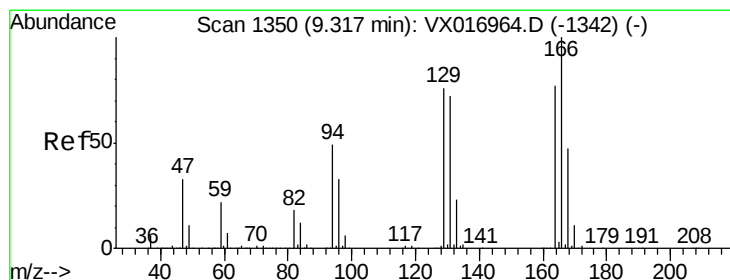
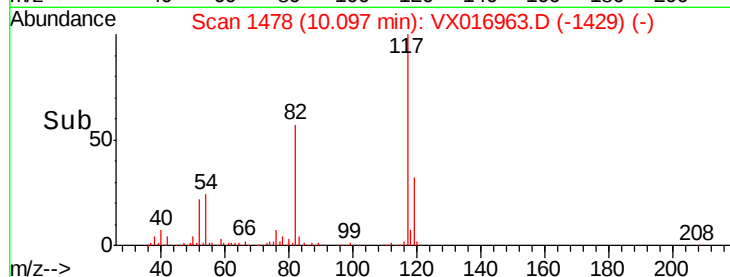
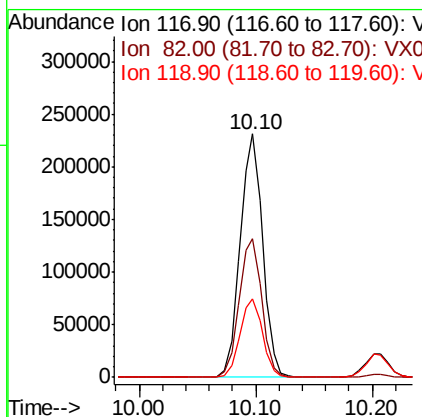
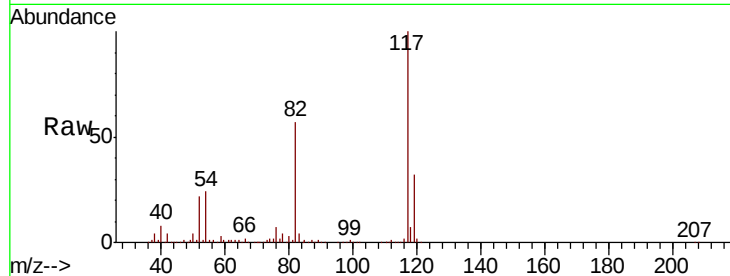
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	311106		
82	57.0	46.8	70.2	
119	32.1	27.3	40.9	

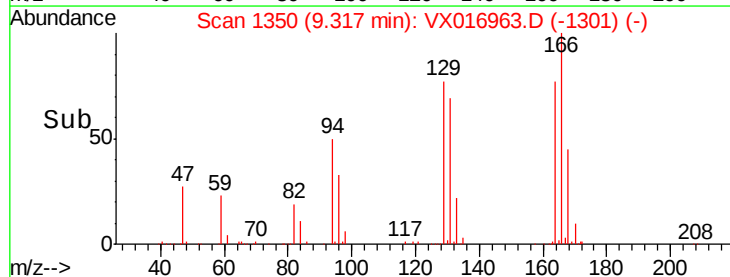
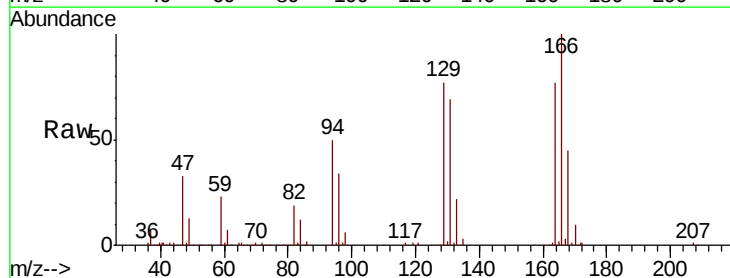
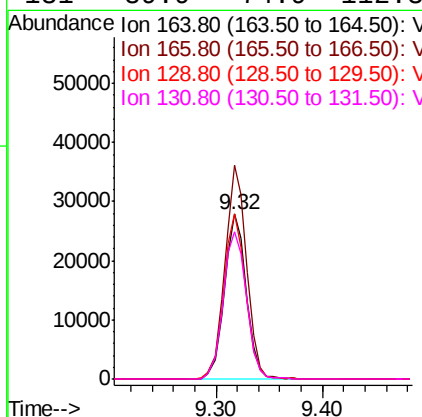
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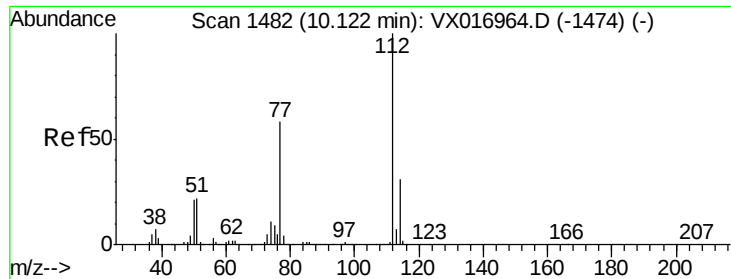
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#64
Tetrachloroethene
Concen: 13.601 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39912		
166	129.8	104.2	156.4	
129	100.3	79.3	118.9	
131	89.9	74.9	112.3	





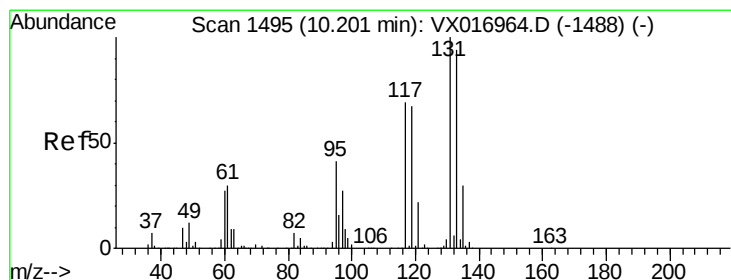
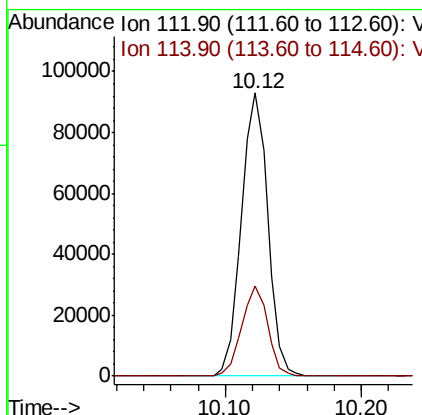
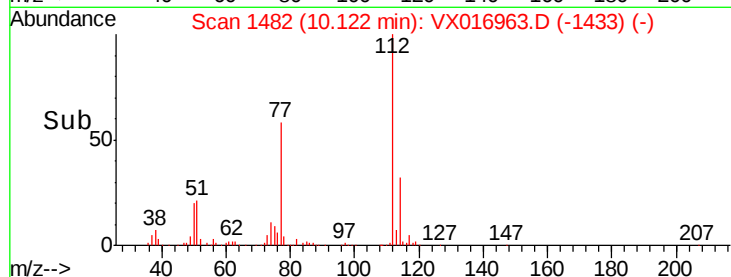
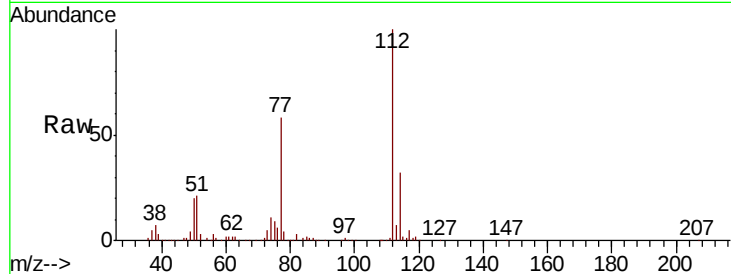
#65
Chlorobenzene
Concen: 20.422 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.8	37.2

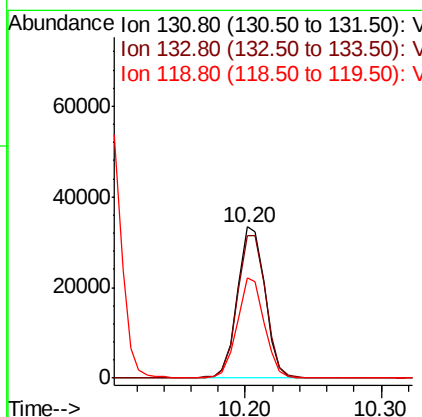
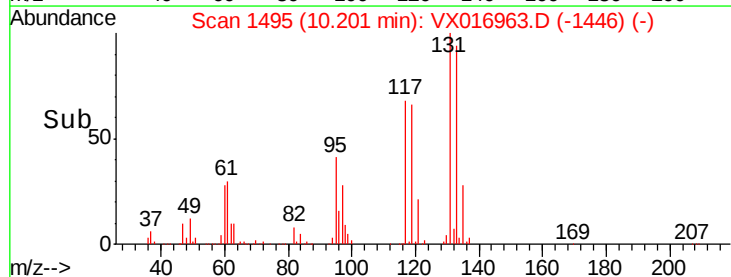
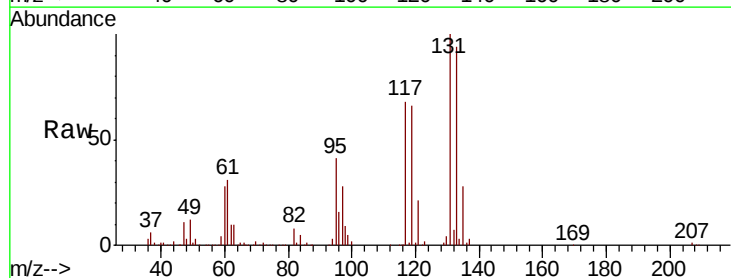
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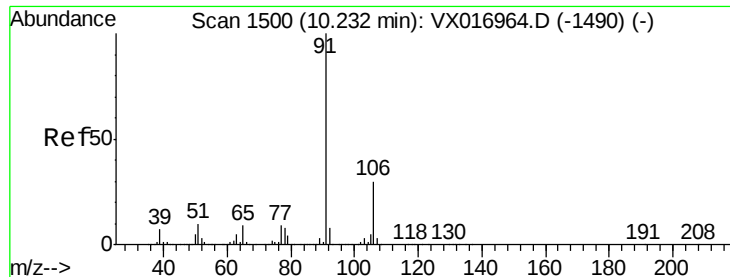
MMDadoda
6/29/2020 12:32:21 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.233 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	48.0	144.0
119	65.2	32.8	98.4





#67

Ethyl Benzene

Concen: 18.960 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 216429

Ion Ratio Lower Upper

91 100

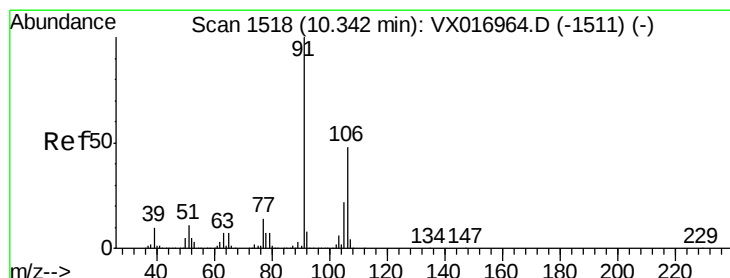
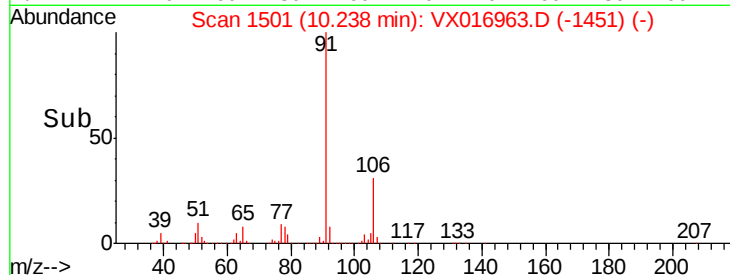
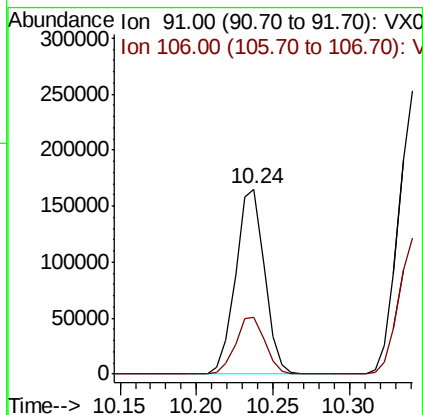
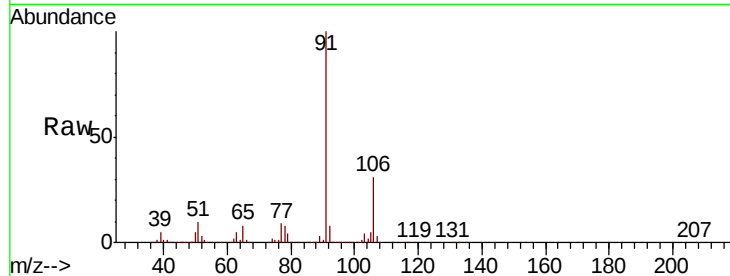
106 30.9 24.1 36.1

Manual Integrations

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6/29/2020 12:32:21 PM



#68

m/p-Xylenes

Concen: 39.076 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016963.D

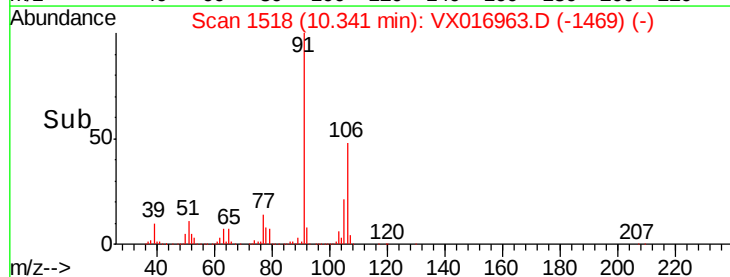
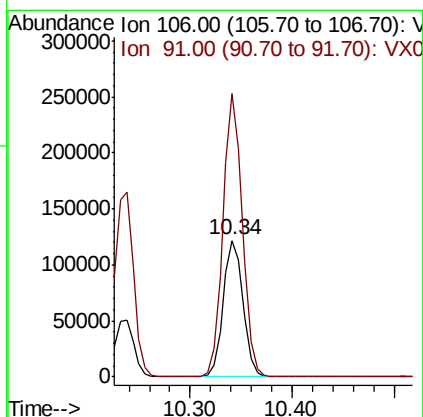
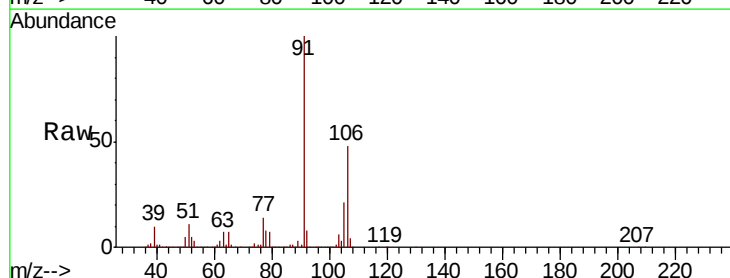
Acq: 25 Jun 2020 19:37

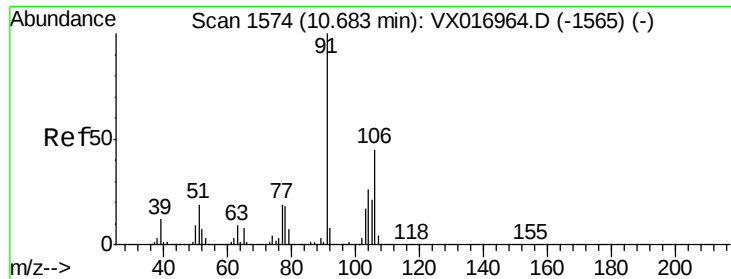
Tgt Ion: 106 Resp: 163856

Ion Ratio Lower Upper

106 100

91 203.5 164.1 246.1





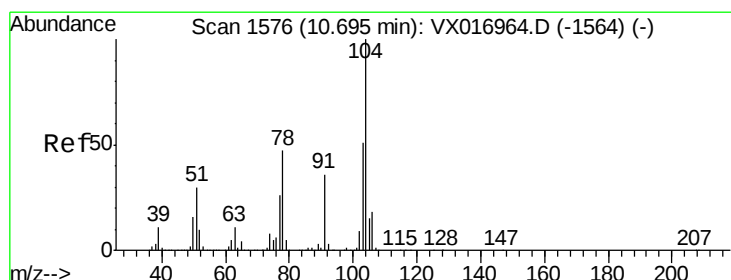
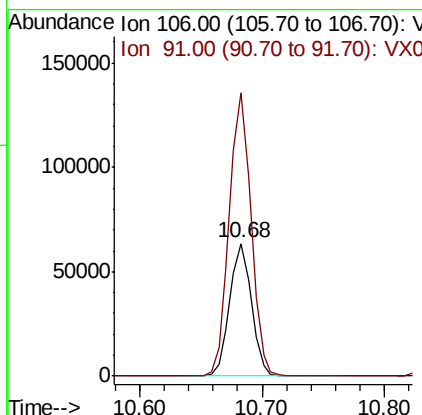
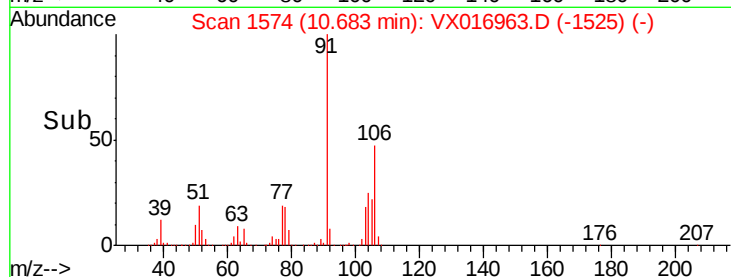
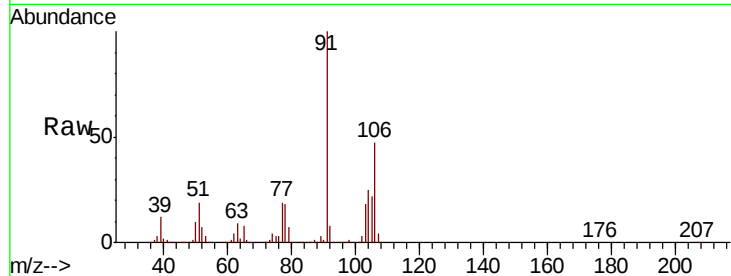
#69
o-Xylene
Concen: 19.171 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 78163
Ion Ratio Lower Upper
106 100
91 214.0 109.1 327.2

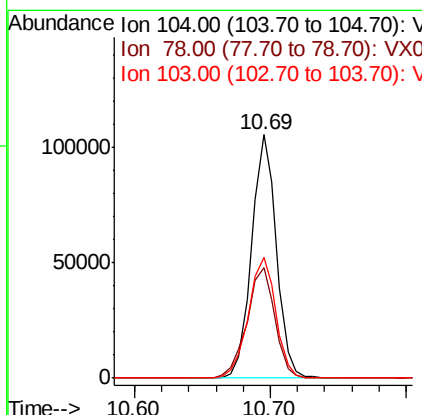
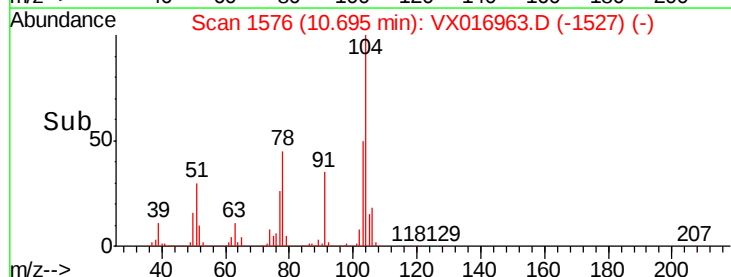
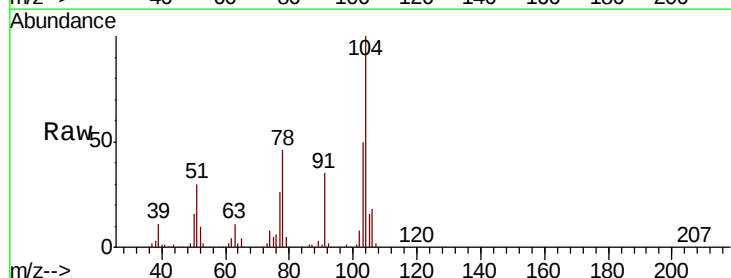
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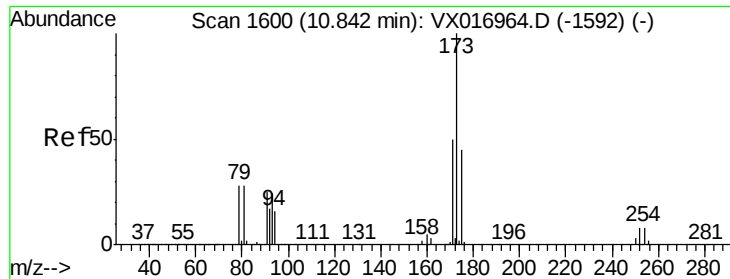
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#70
Styrene
Concen: 19.188 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion:104 Resp: 134641
Ion Ratio Lower Upper
104 100
78 51.5 41.9 62.9
103 55.6 43.9 65.9





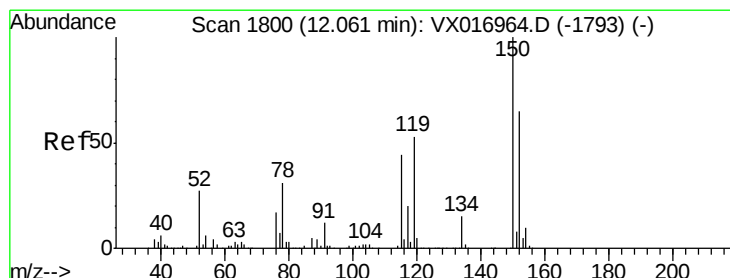
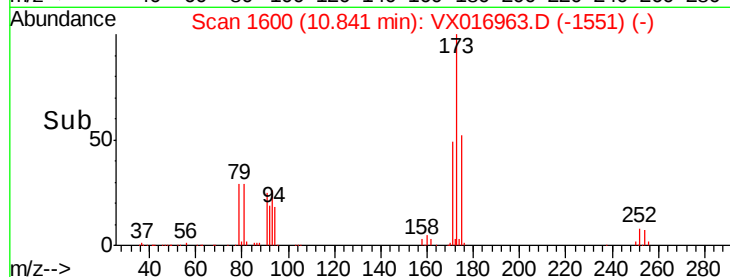
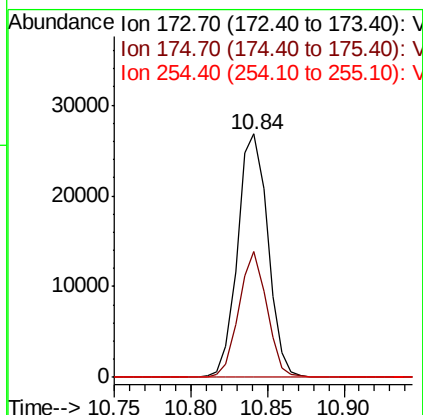
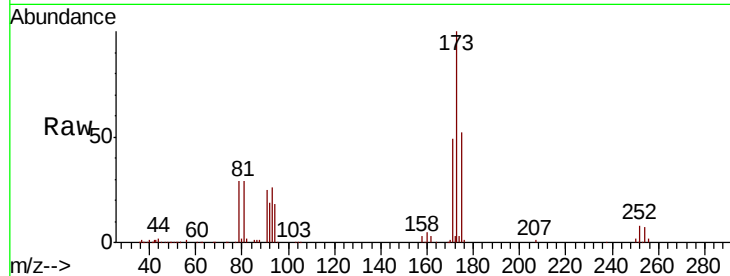
#71
Bromoform
Concen: 23.756 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.4	70.2
254	0.0	0.0	0.0

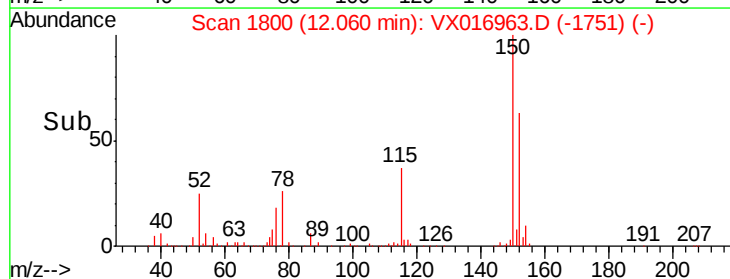
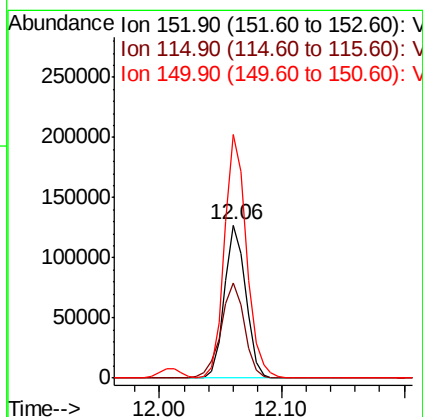
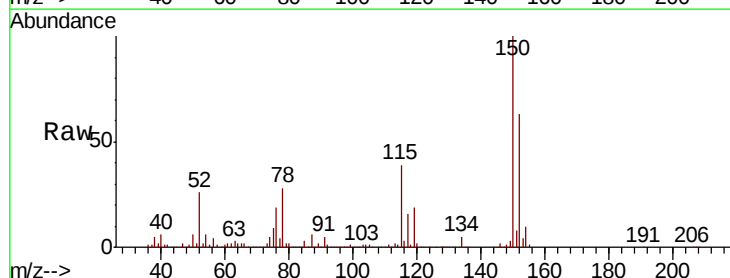
Manual Integrations
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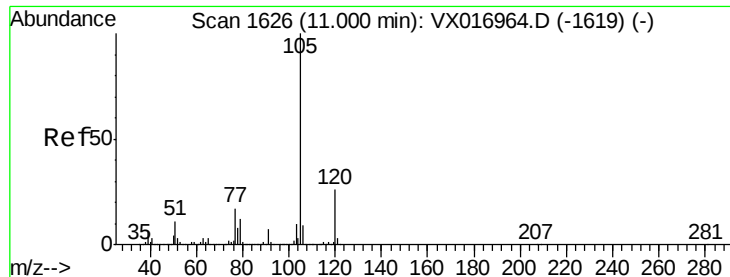
MMDadoda
6/29/2020 12:32:21 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.6	42.8	128.4
150	165.1	0.0	347.8





#73

Isopropylbenzene

Concen: 18.065 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 203049

Ion Ratio Lower Upper

105 100

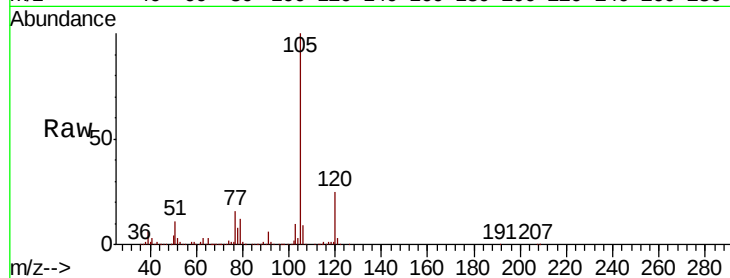
120 26.4 13.1 39.1

Manual Integrations

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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

150000

100000

50000

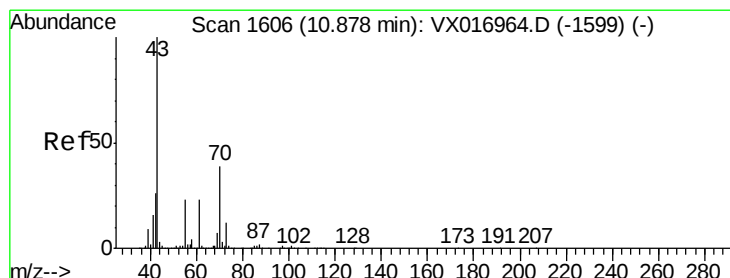
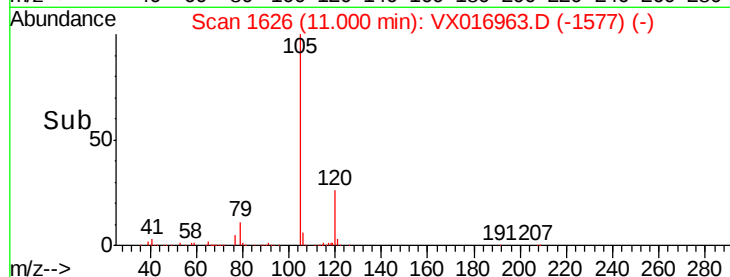
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 20.465 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion: 43 Resp: 101657

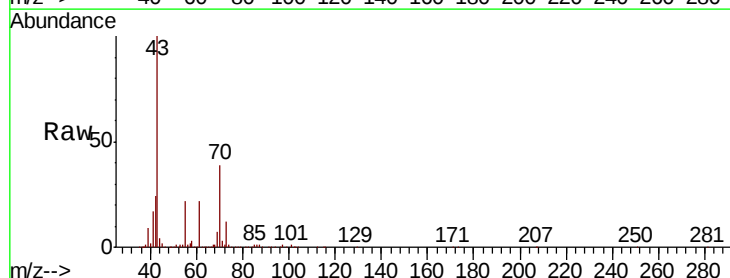
Ion Ratio Lower Upper

43 100

70 40.9 32.1 48.1

55 23.1 18.6 28.0

61 23.2 18.8 28.2



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

10.88

100000

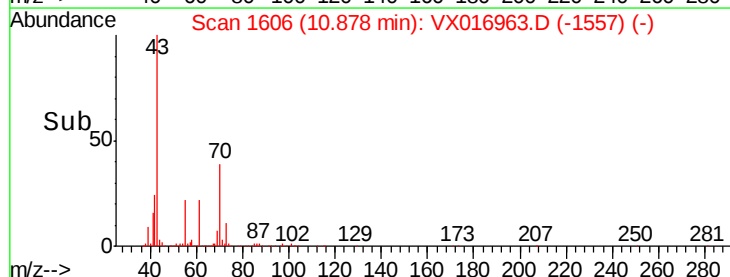
50000

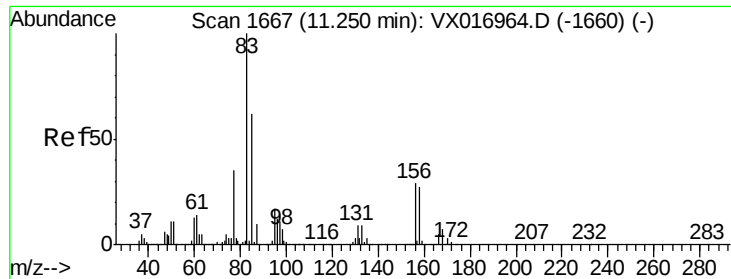
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Time-->

10.80

10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 26.444 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

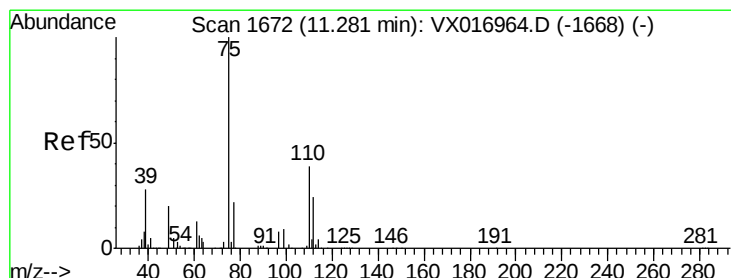
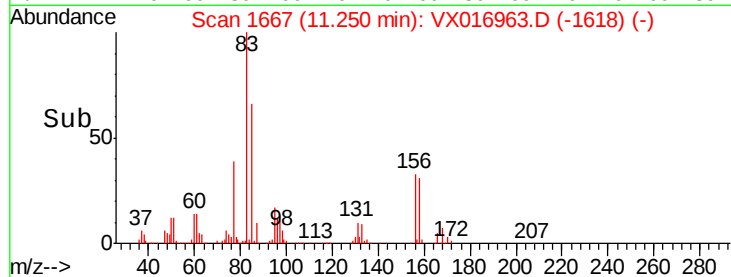
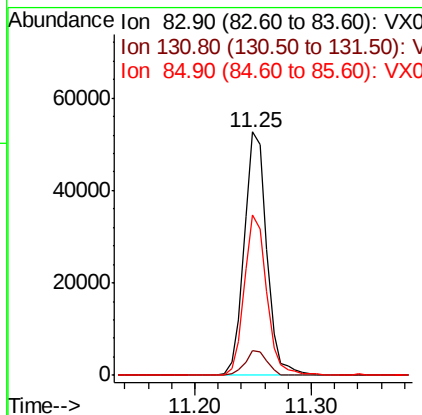
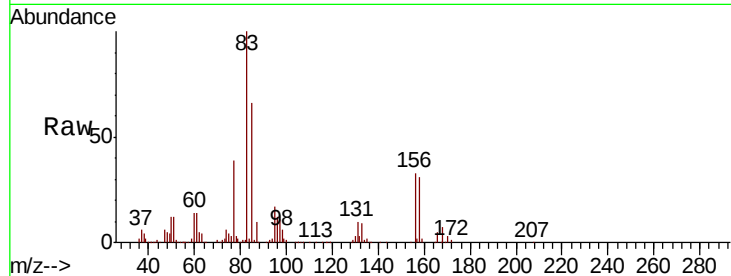
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	71539
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	65.5	32.0	96.2

Manual Integrations
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 20.805 ug/l m

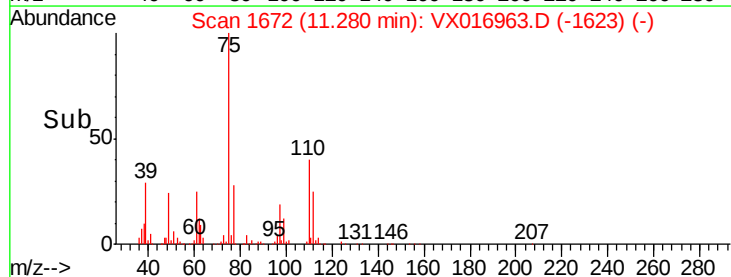
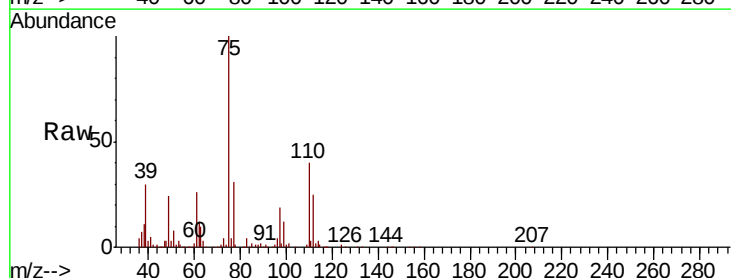
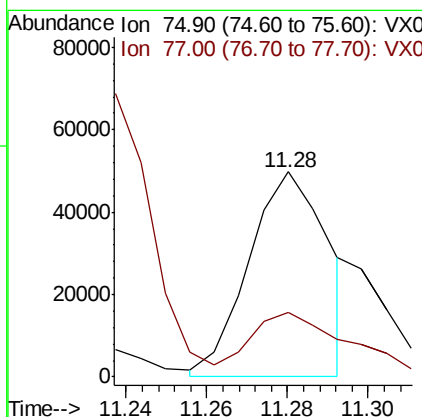
RT: 11.28 min Scan# 1672

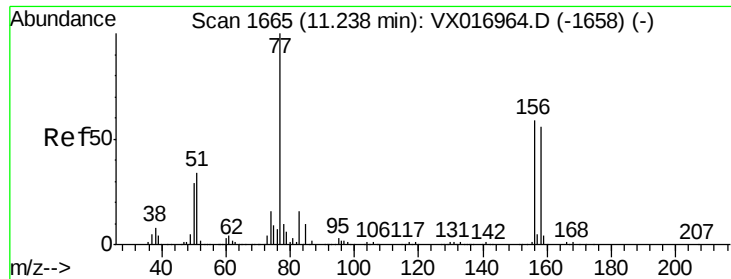
Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion:	75	Resp:	68185
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.3	61.0





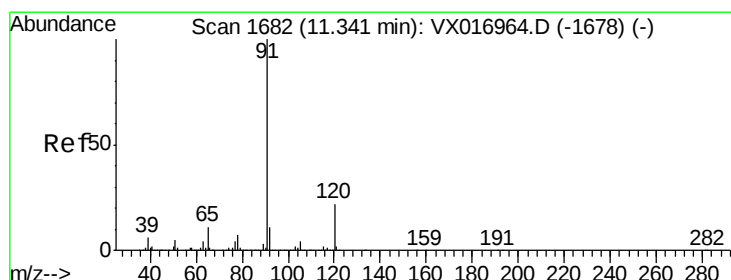
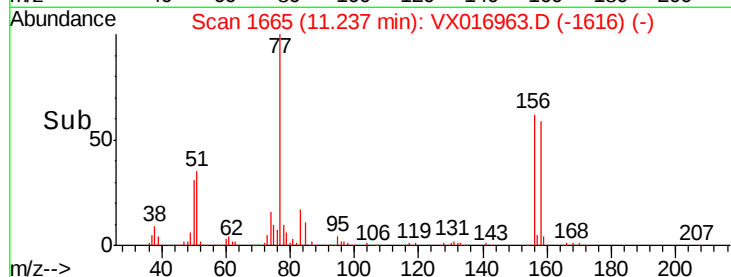
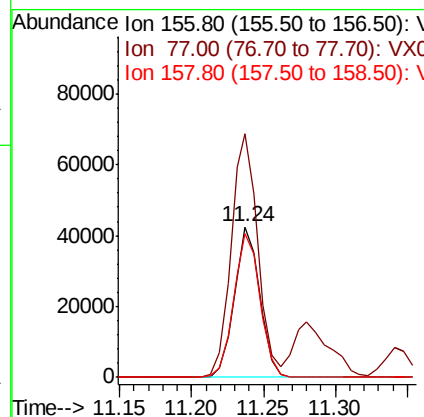
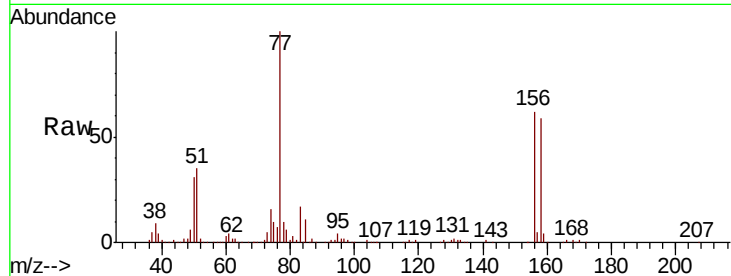
#77
Bromobenzene
Concen: 20.239 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.1	85.2	255.6
158	99.0	48.3	144.9

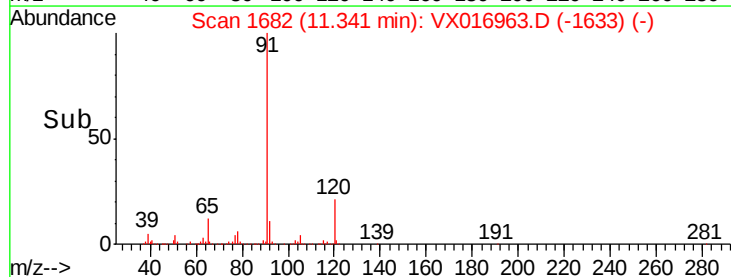
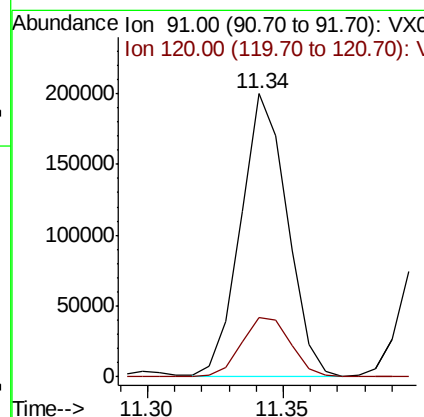
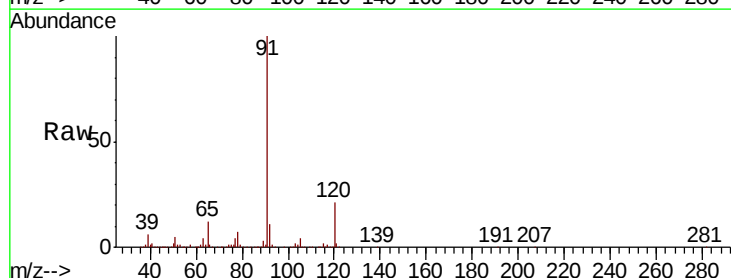
Manual Integrations
APPROVED

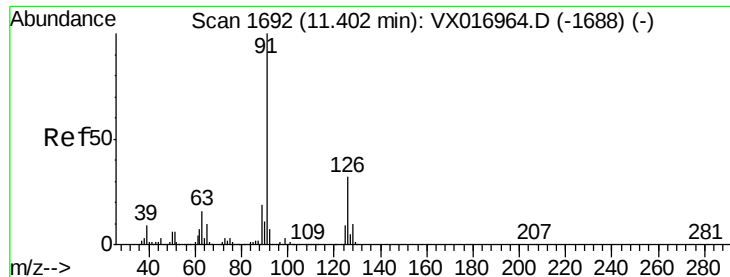
MMDadoda
6/29/2020 12:32:21 PM



#78
n-propylbenzene
Concen: 17.706 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 18.667 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 146126

Ion Ratio Lower Upper

91 100

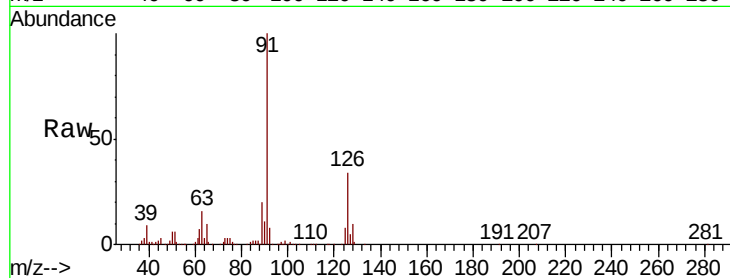
126 33.6 16.6 49.8

Manual Integrations

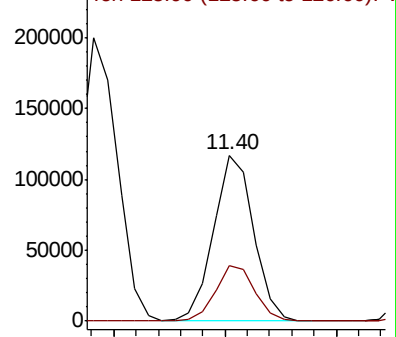
APPROVED

MMDadoda

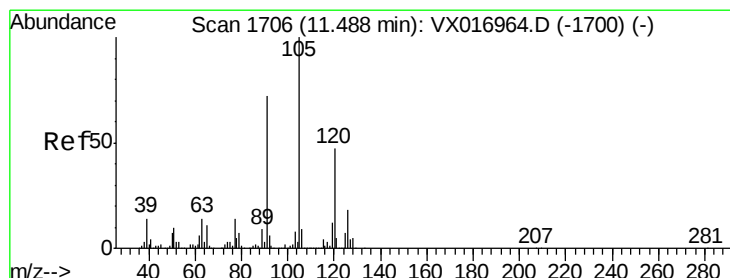
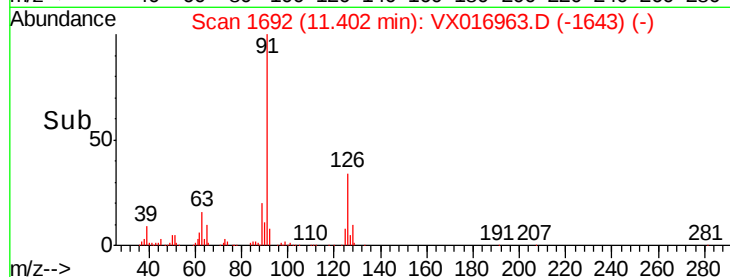
6/29/2020 12:32:21 PM



Abundance Ion 91.00 (90.70 to 91.70): VX016963.D (-1643) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.947 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016963.D

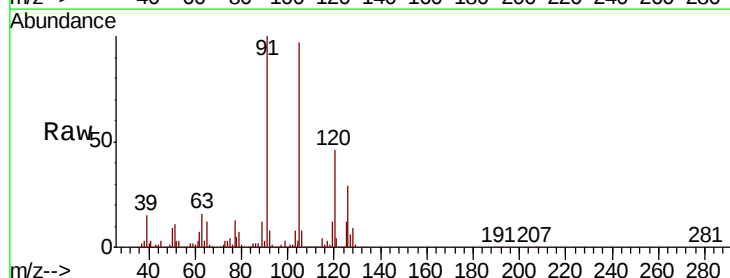
Acq: 25 Jun 2020 19:37

Tgt Ion: 105 Resp: 171197

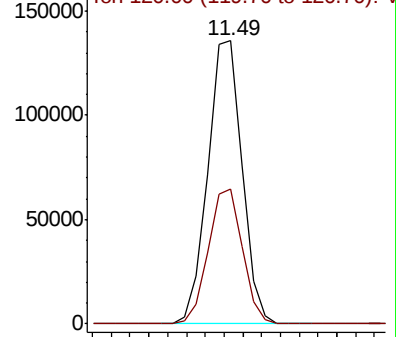
Ion Ratio Lower Upper

105 100

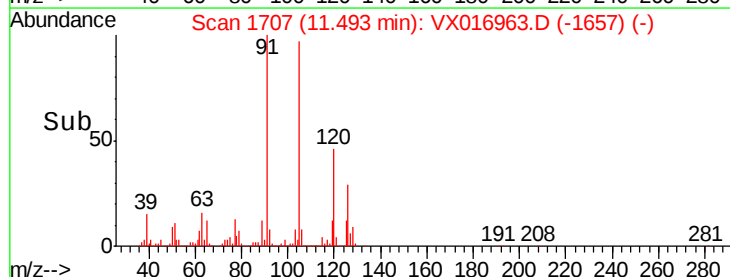
120 47.7 24.2 72.6

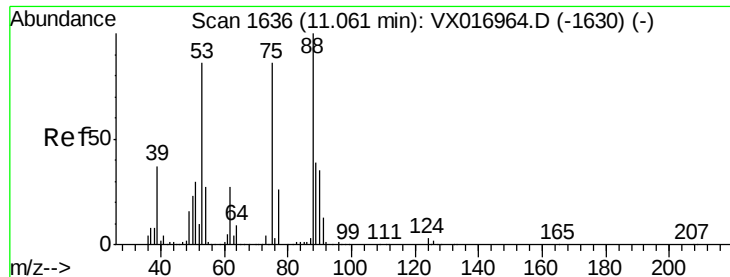


Abundance Ion 105.00 (104.70 to 105.70): VX016963.D (-1657) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.084 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

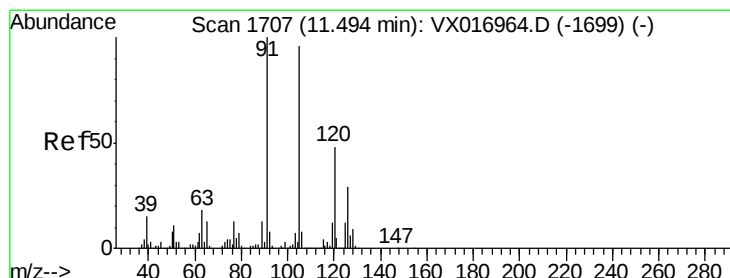
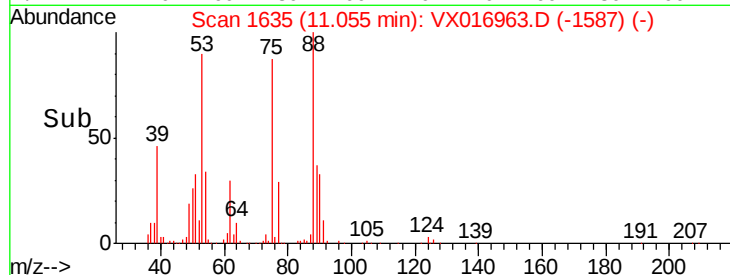
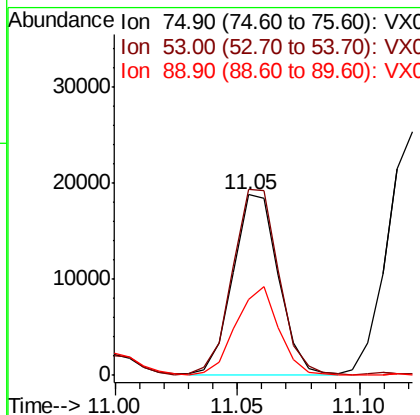
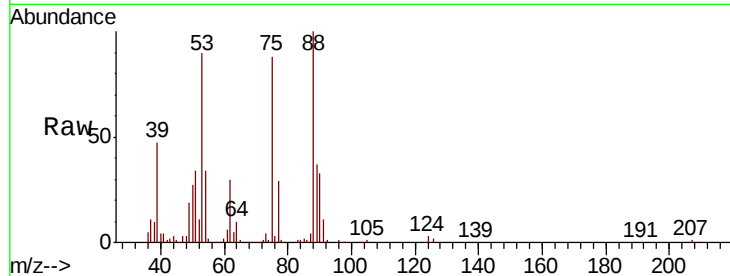
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	24251
Ion	Ratio	Lower	Upper
75	100		
53	104.0	81.9	122.9
89	46.5	35.5	53.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.463 ug/l

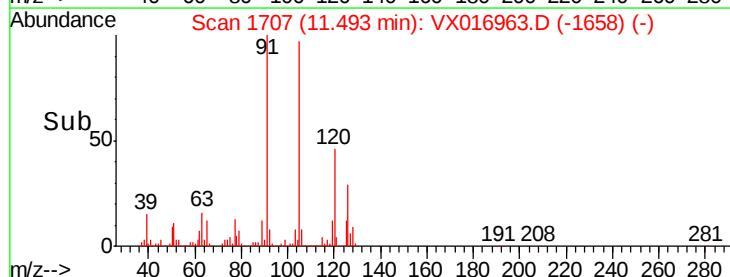
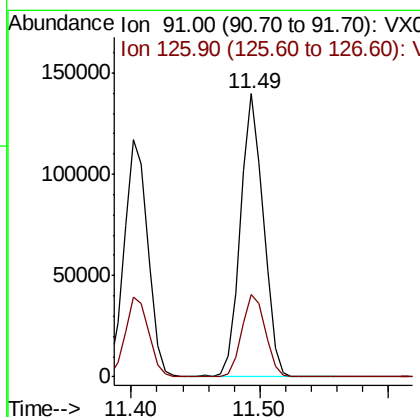
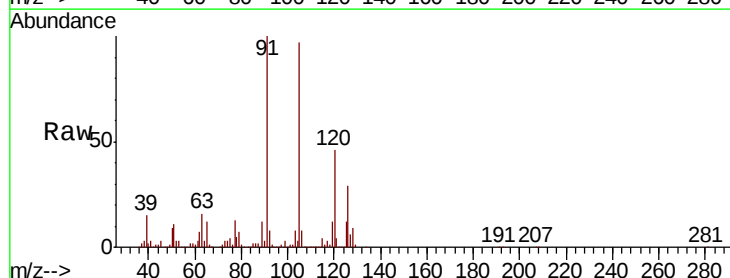
RT: 11.49 min Scan# 1707

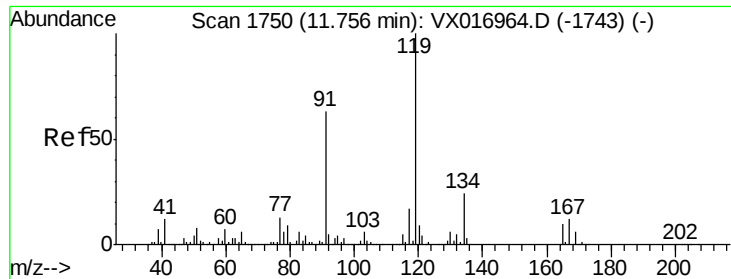
Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion:	91	Resp:	172686
Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.6	44.0





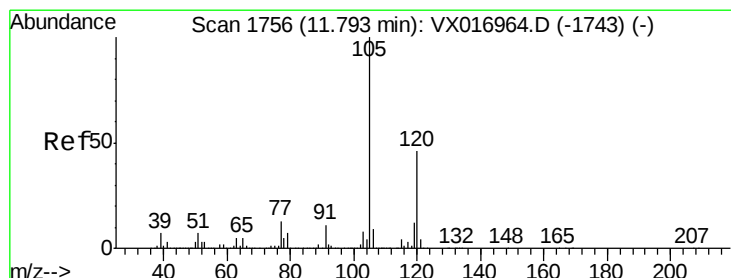
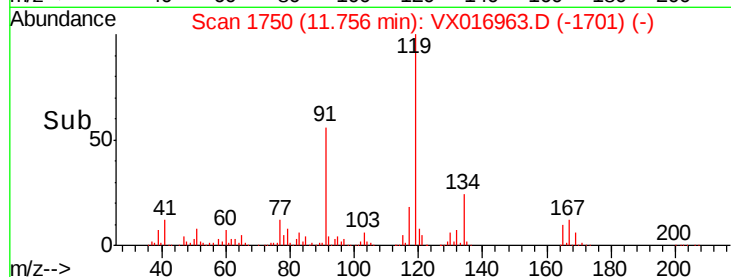
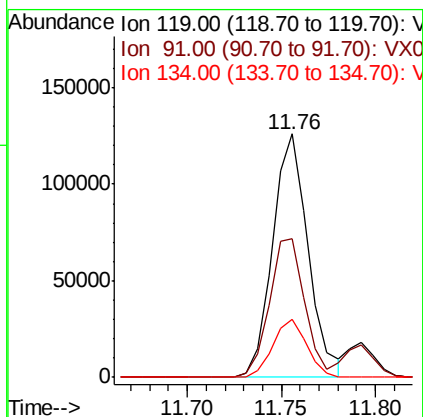
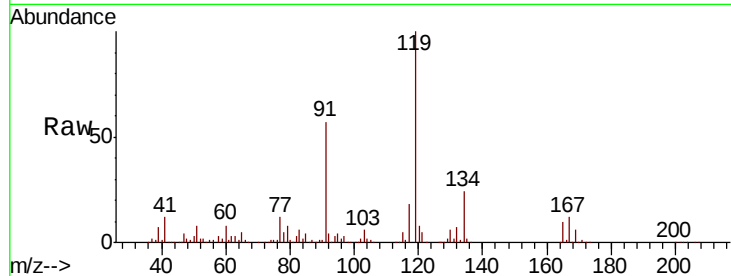
#83
tert-Butylbenzene
Concen: 19.979 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	164528		
91	56.5	30.0	90.0	
134	23.0	11.8	35.3	

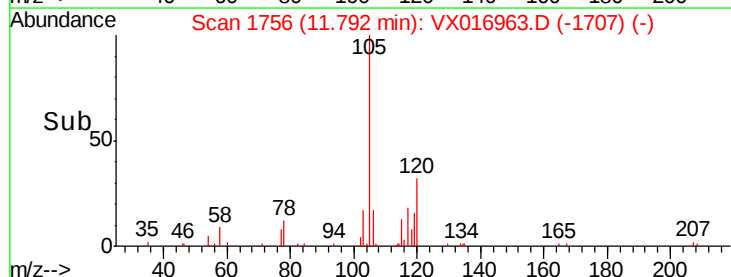
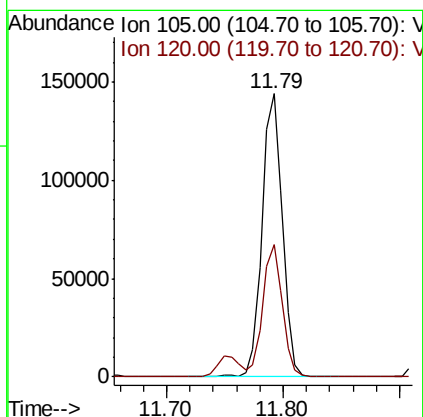
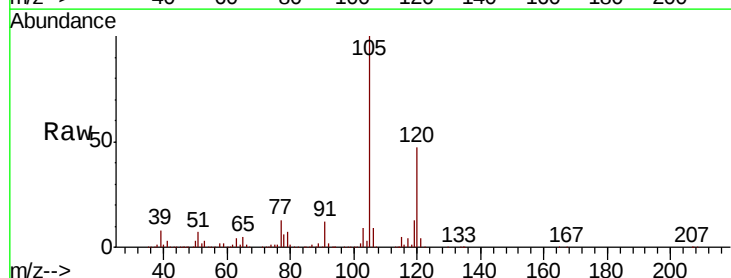
Manual Integrations
APPROVED

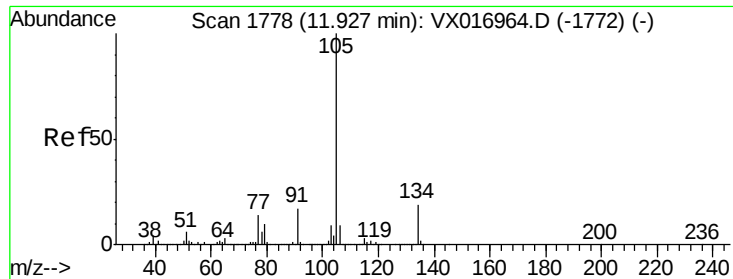
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.949 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	175875		
120	44.8	22.4	67.3	





#85

sec-Butylbenzene

Concen: 16.543 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 181793

Ion Ratio Lower Upper

105 100

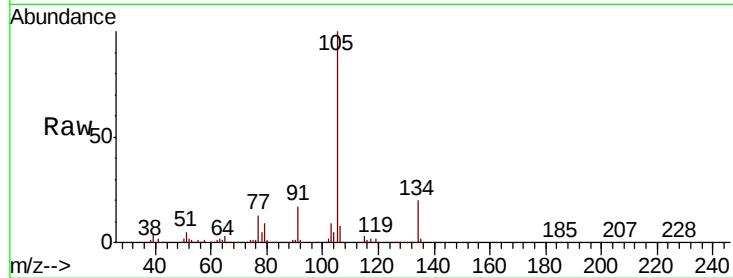
134 20.1 10.1 30.1

Manual Integrations

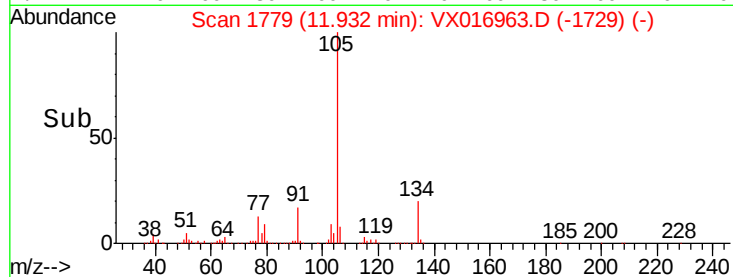
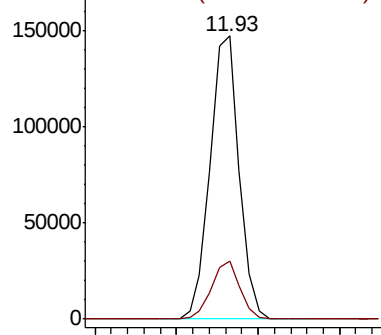
APPROVED

MMDadoda

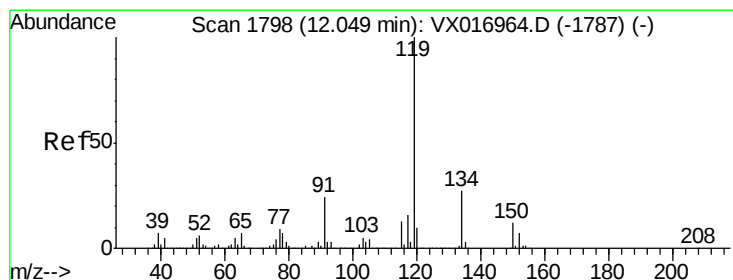
6/29/2020 12:32:21 PM



Abundance Ion 105.00 (104.70 to 105.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 17.072 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

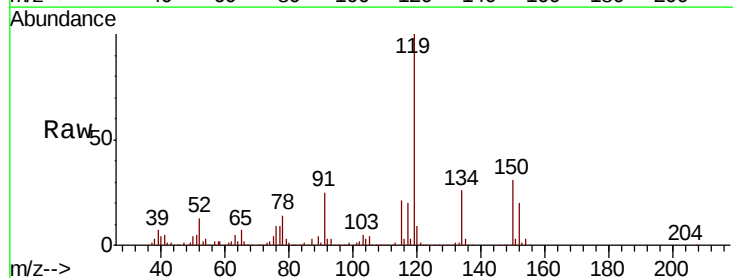
Tgt Ion:119 Resp: 171280

Ion Ratio Lower Upper

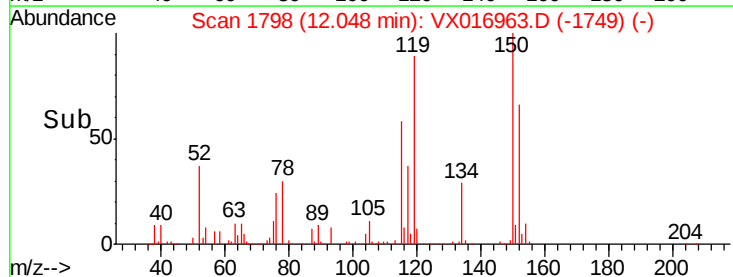
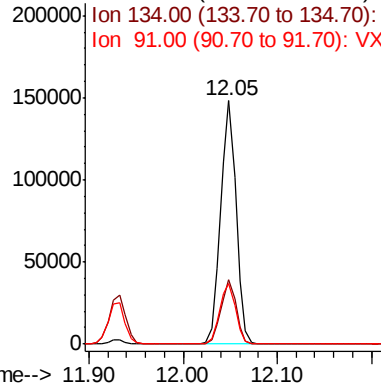
119 100

134 25.9 13.1 39.3

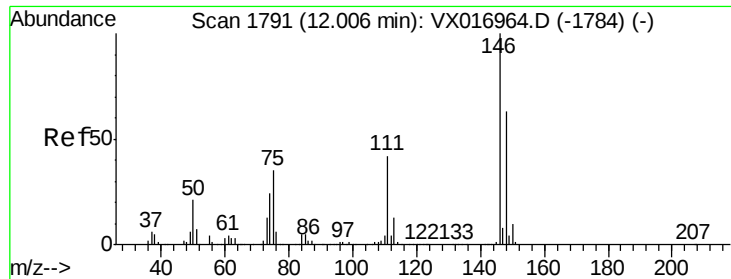
91 25.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V



Time-->



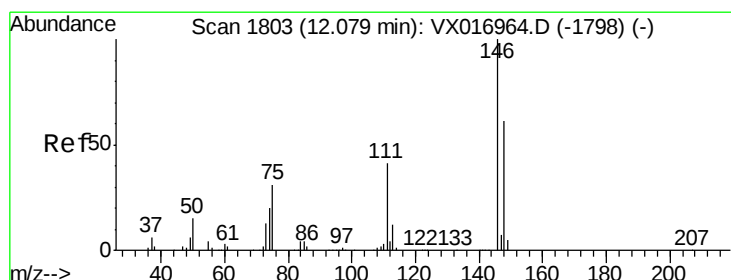
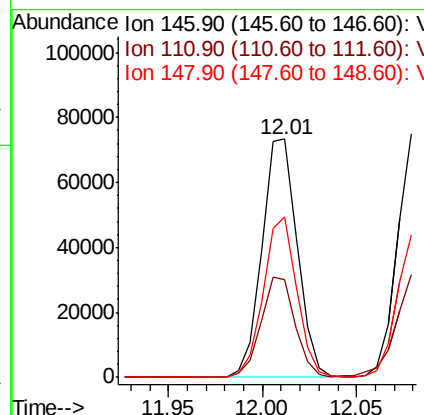
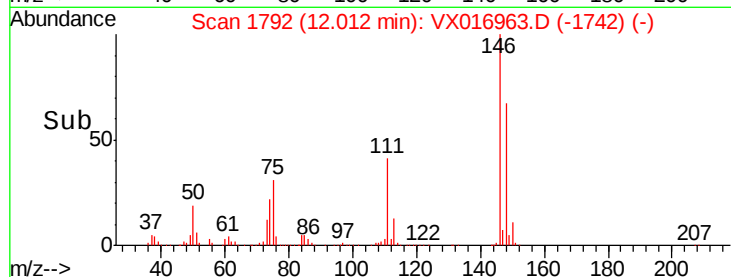
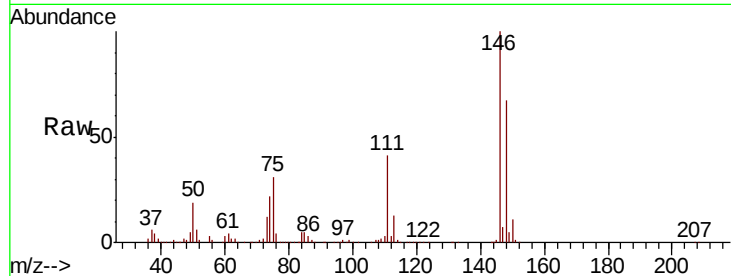
#87
 1,3-Dichlorobenzene
 Concen: 19.942 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	64.0	32.1	96.3

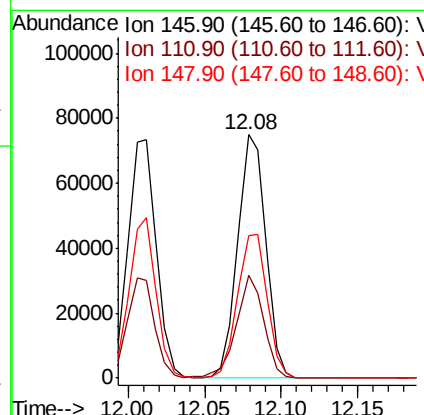
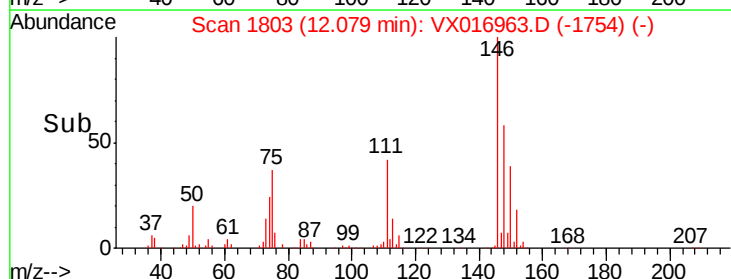
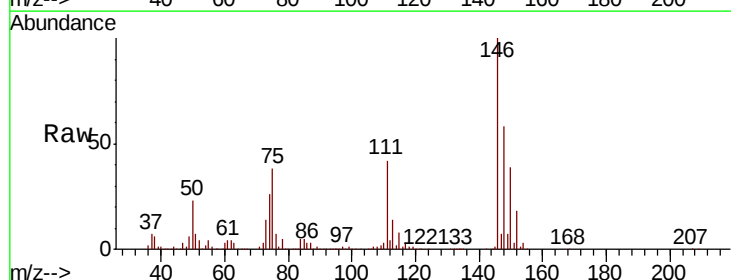
Manual Integrations
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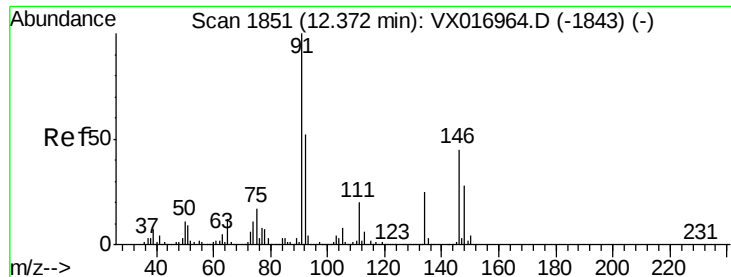
MMDadoda
 6/29/2020 12:32:21 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.484 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.9	59.7
148	62.3	31.3	93.9





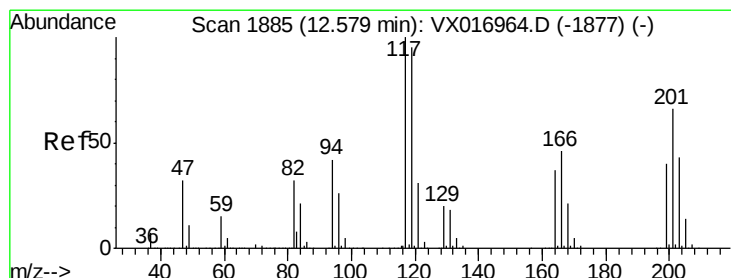
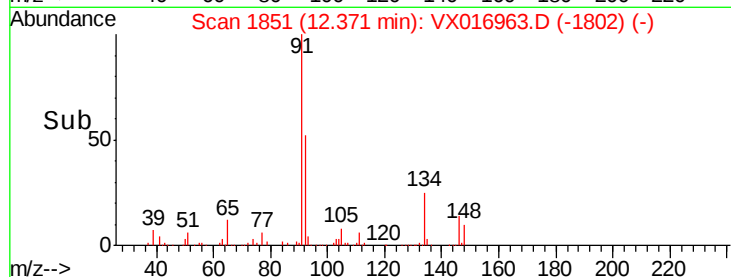
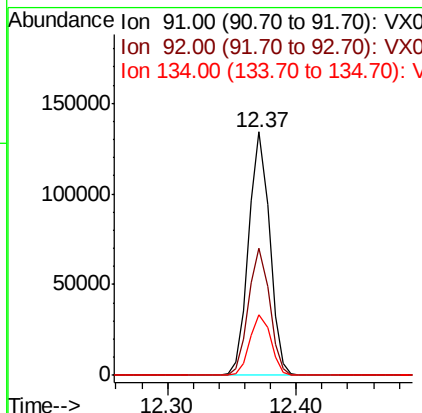
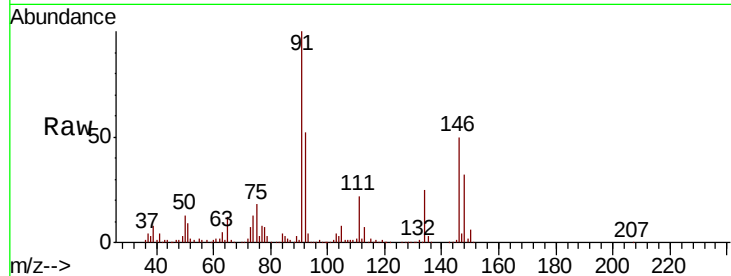
#89
n-Butylbenzene
Concen: 15.943 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	25.1	12.6	37.8

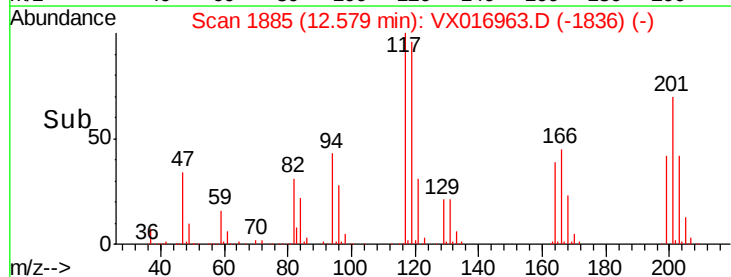
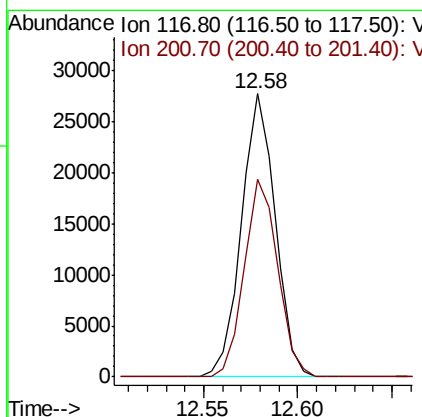
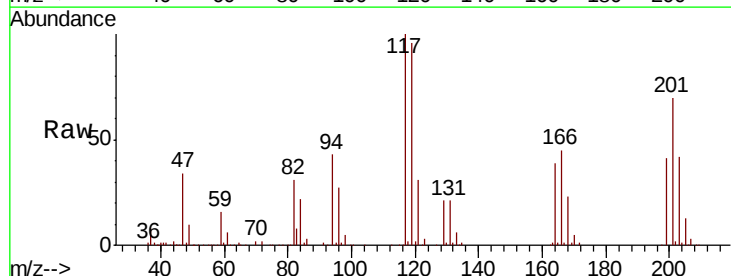
Manual Integrations
APPROVED

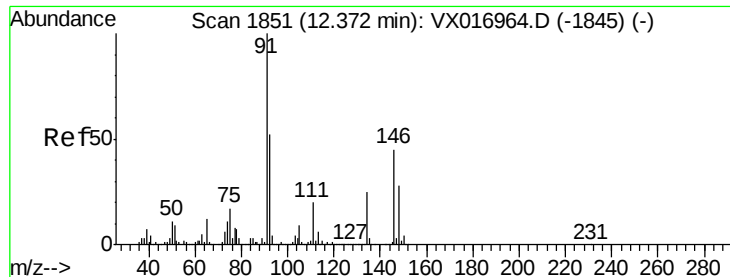
MMDadoda
6/29/2020 12:32:21 PM



#90
Hexachloroethane
Concen: 21.147 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	34.0	102.0





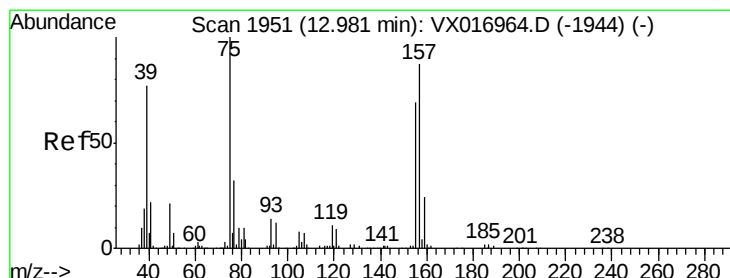
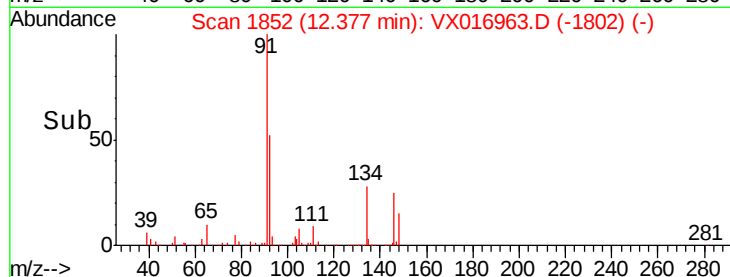
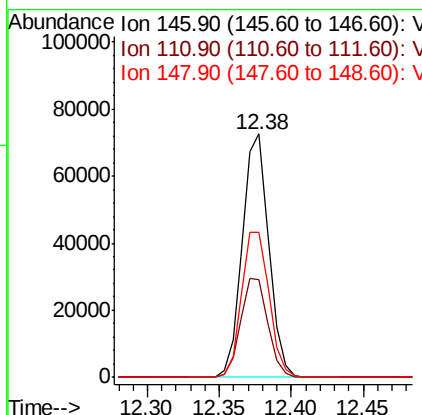
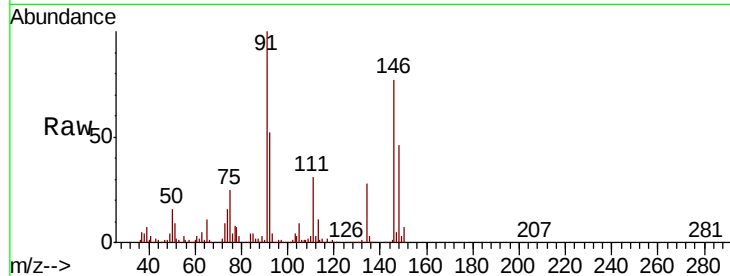
#91
 1,2-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.6	64.6
148	62.6	31.9	95.7

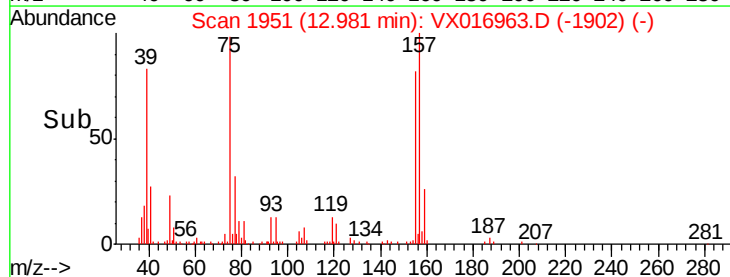
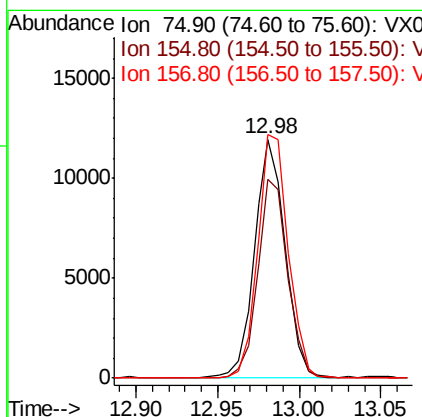
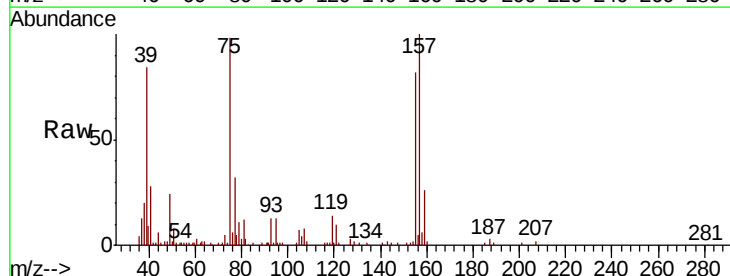
Manual Integrations
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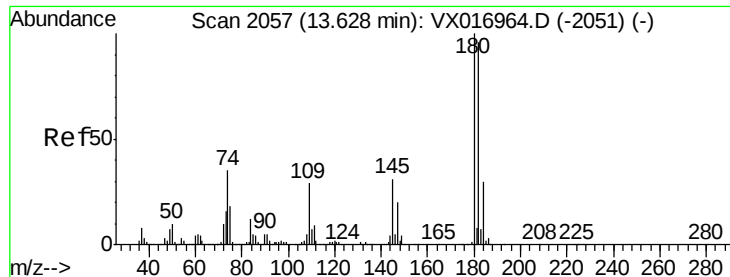
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.129 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	39.0	117.0
157	101.3	50.0	150.1





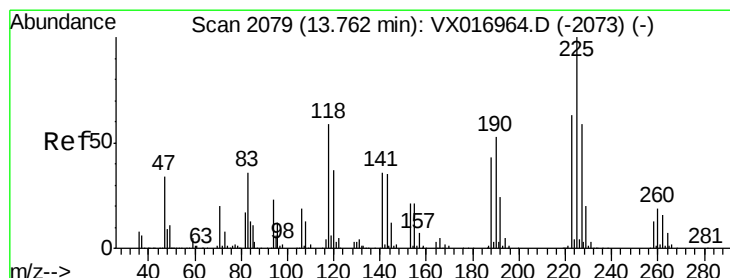
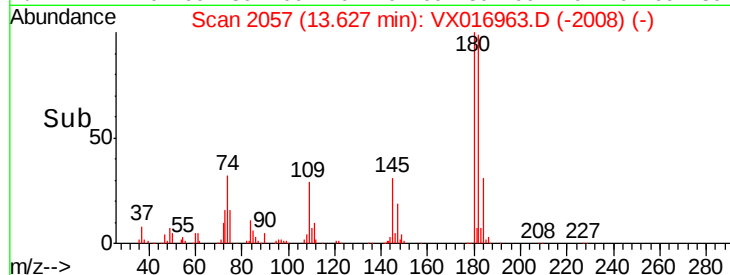
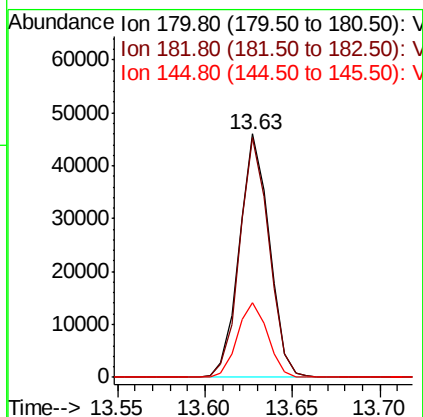
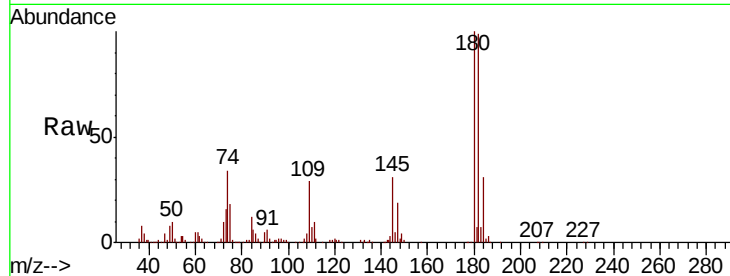
#93
 1,2,4-Trichlorobenzene
 Concen: 18.372 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	54612		
182	97.0	46.4	139.1	
145	31.3	15.5	46.5	

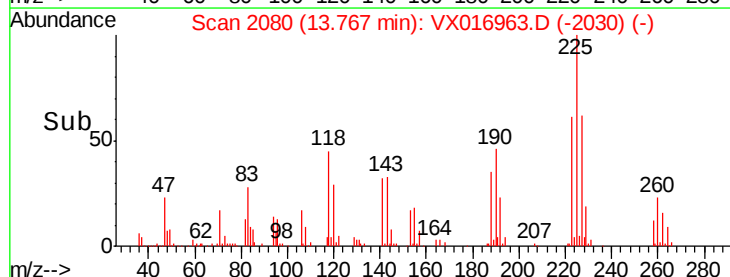
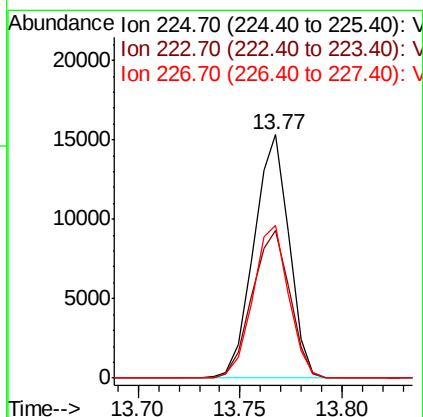
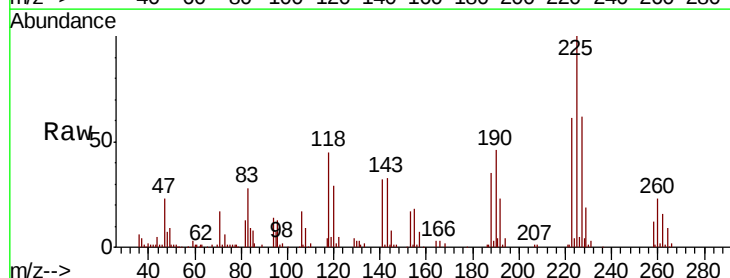
Manual Integrations
 APPROVED

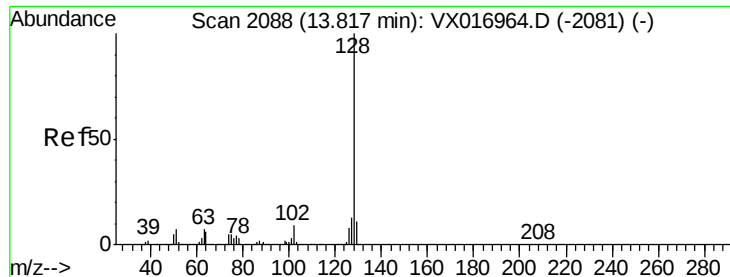
MMDadoda
 6/29/2020 12:32:21 PM



#94
 Hexachlorobutadiene
 Concen: 17.480 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	18353		
223	64.9	31.1	93.2	
227	63.8	30.3	90.9	





#95

Naphthalene

Concen: 18.629 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

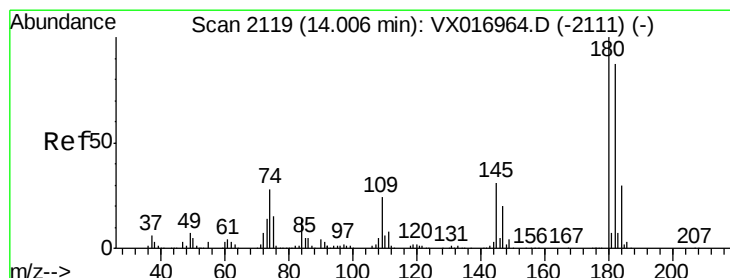
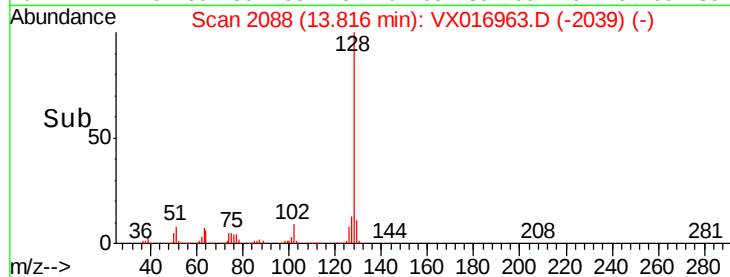
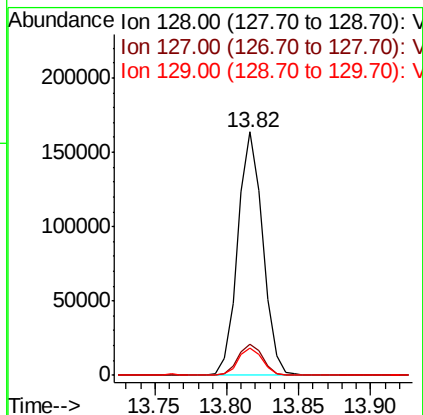
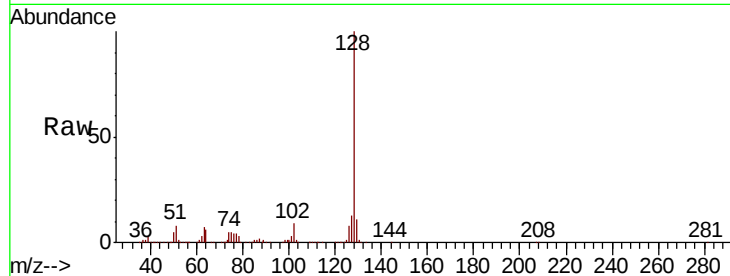
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	198061
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	11.2	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.335 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion:	180	Resp:	54565
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.8	143.3
145	33.9	16.9	50.6

