

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016840.D
 Acq On : 18 Jun 2020 11:24
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:49:35 PM

Quant Time: Jun 18 12:35:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	383530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	60149	19.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.30%	
35) Dibromofluoromethane	5.46	113	49136	20.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.26%	
50) Toluene-d8	8.70	98	183959	20.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.52%	
62) 4-Bromofluorobenzene	11.12	95	84607	25.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	72863	27.115	ug/l	99
3) Chloromethane	1.31	50	69919	24.497	ug/l	98
4) Vinyl Chloride	1.39	62	74117	23.616	ug/l	100
5) Bromomethane	1.64	94	47486	24.181	ug/l	99
6) Chloroethane	1.72	64	44810	23.444	ug/l	99
7) Trichlorofluoromethane	1.92	101	104571	23.574	ug/l	98
8) Diethyl Ether	2.17	74	39262	21.625	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48856	21.551	ug/l	99
10) Methyl Iodide	2.50	142	47558	17.331	ug/l	100
11) Tert butyl alcohol	3.01	59	52270	75.305	ug/l	100
12) 1,1-Dichloroethene	2.36	96	50000	19.368	ug/l	99
13) Acrolein	2.27	56	27637	83.049	ug/l	98
14) Allyl chloride	2.71	41	73098	18.663	ug/l	100
15) Acrylonitrile	3.11	53	121130	83.957	ug/l	99
16) Acetone	2.42	43	103037	80.382	ug/l	97
17) Carbon Disulfide	2.55	76	136991	19.064	ug/l	99
18) Methyl Acetate	2.75	43	60587	17.710	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	160684	18.806	ug/l	100
20) Methylene Chloride	2.84	84	53360	18.889	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52214	19.304	ug/l	98
22) Diisopropyl ether	3.82	45	143314	19.432	ug/l	99
23) Vinyl Acetate	3.78	43	589315	92.754	ug/l	99
24) 1,1-Dichloroethane	3.67	63	89856	19.458	ug/l	98
25) 2-Butanone	4.63	43	161191	83.688	ug/l	98
26) 2,2-Dichloropropane	4.55	77	83272	19.481	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	58091	18.777	ug/l	99
28) Bromochloromethane	4.98	49	35393	18.012	ug/l	98
29) Tetrahydrofuran	5.09	42	101882	81.729	ug/l	100
30) Chloroform	5.18	83	93980	19.241	ug/l	97
31) Cyclohexane	5.55	56	76591	21.978	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	87838	19.820	ug/l	99
36) 1,1-Dichloropropene	5.77	75	68980	20.395	ug/l	99
37) Ethyl Acetate	4.79	43	62923	17.325	ug/l	99
38) Carbon Tetrachloride	5.76	117	79294	20.645	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	79641	21.742	ug/l	96
40) Benzene	6.12	78	207178	20.092	ug/l	100
41) Methacrylonitrile	5.01	41	34820	17.883	ug/l	99
42) 1,2-Dichloroethane	6.17	62	73673	19.585	ug/l	100
43) Isopropyl Acetate	6.41	43	103851	17.855	ug/l	100
44) Trichloroethene	7.19	130	61458	18.692	ug/l	97
45) 1,2-Dichloropropane	7.49	63	50649	19.905	ug/l	95
46) Dibromomethane	7.63	93	35473	19.281	ug/l	99
47) Bromodichloromethane	7.88	83	84079	21.938	ug/l	97
48) Methyl methacrylate	7.74	41	49735	18.243	ug/l	97
49) 1,4-Dioxane	7.71	88	22054	329.971	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	313088	88.630	ug/l	99
52) Toluene	8.76	92	133370	19.879	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	82321	19.066	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	90795	20.085	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	52918	19.431	ug/l	99
56) Ethyl methacrylate	9.16	69	75401	18.445	ug/l	100
57) 1,3-Dichloropropane	9.35	76	87181	18.991	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	197397	100.451	ug/l	97
59) 2-Hexanone	9.47	43	233402	86.091	ug/l	98
60) Dibromochloromethane	9.57	129	60624	18.812	ug/l	99
61) 1,2-Dibromoethane	9.65	107	56550	19.263	ug/l	99
64) Tetrachloroethene	9.32	164	66525	19.709	ug/l	95
65) Chlorobenzene	10.12	112	143963	20.002	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	56171	19.792	ug/l	99
67) Ethyl Benzene	10.24	91	245710	20.381	ug/l	100
68) m/p-Xylenes	10.34	106	190961	41.921	ug/l	99
69) o-Xylene	10.68	106	89109	20.356	ug/l	99
70) Styrene	10.70	104	156267	20.662	ug/l	100
71) Bromoform	10.84	173	47832	19.873	ug/l #	100
73) Isopropylbenzene	11.00	105	299177	23.948	ug/l	100
74) N-amyl acetate	10.88	43	87813	18.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	85924	23.496	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86299m	21.848	ug/l	
77) Bromobenzene	11.24	156	79413	22.504	ug/l	96
78) n-propylbenzene	11.34	91	318226	23.330	ug/l	100
79) 2-Chlorotoluene	11.40	91	188918	21.948	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	246677	23.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	33529	21.520	ug/l	99
82) 4-Chlorotoluene	11.49	91	232506	22.976	ug/l	99
83) tert-Butylbenzene	11.76	119	220470	22.767	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	224352	21.059	ug/l	97
85) sec-Butylbenzene	11.93	105	233502	20.706	ug/l	99
86) p-Isopropyltoluene	12.05	119	221504	20.424	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118934	19.799	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118083	19.047	ug/l	96
89) n-Butylbenzene	12.37	91	181797	20.232	ug/l	98
90) Hexachloroethane	12.58	117	38767	19.242	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	115857	19.439	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16812	16.655	ug/l	99

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Instrument :
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ClientSampleId :
VSTDICC020

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QLast Update : Thu Jun 18 12:21:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78393	18.436	ug/l	98
94) Hexachlorobutadiene	13.76	225	35920	18.902	ug/l	99
95) Naphthalene	13.82	128	237819	18.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	78657	18.611	ug/l	99

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

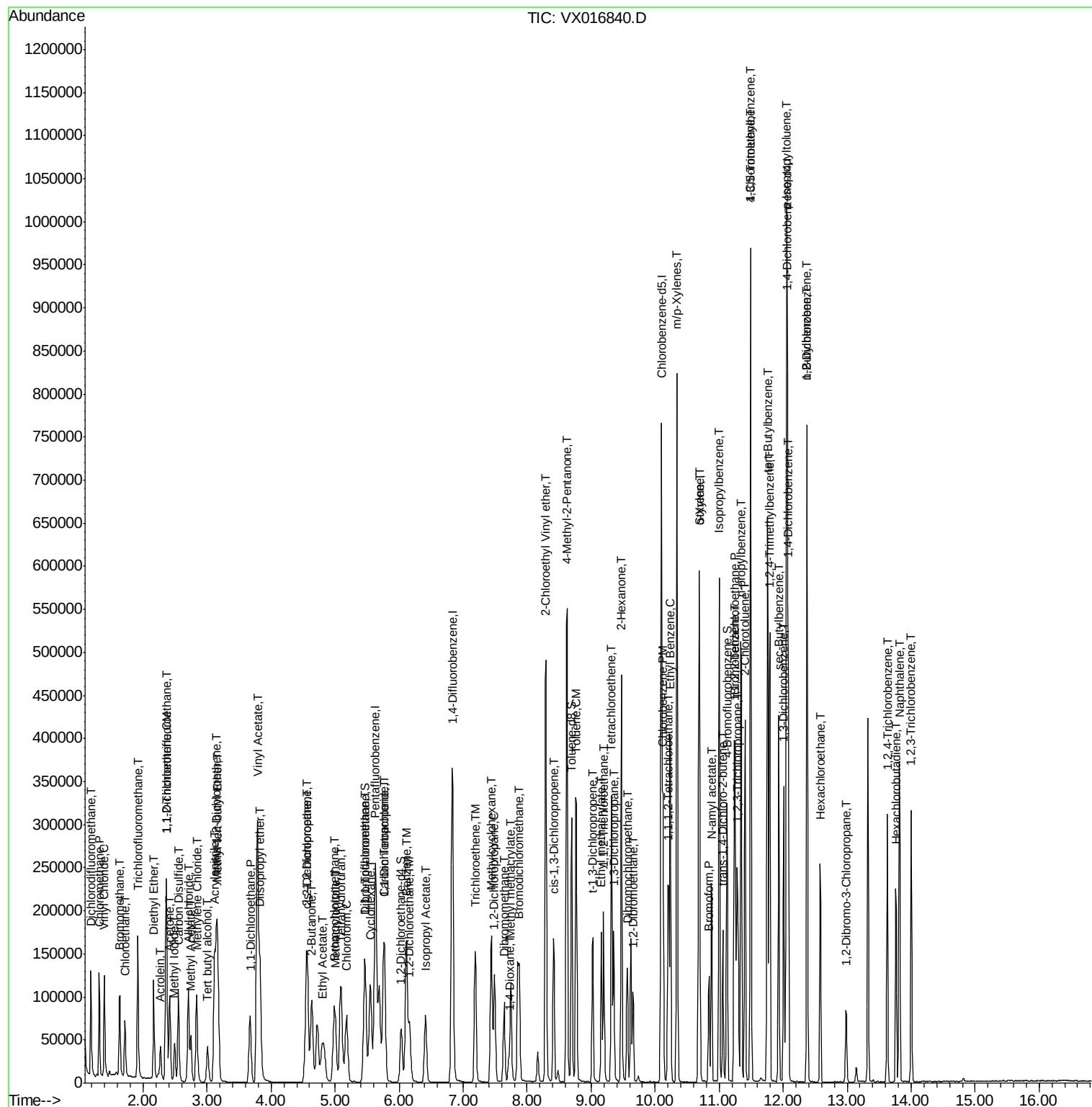
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
Data File : VX016840.D
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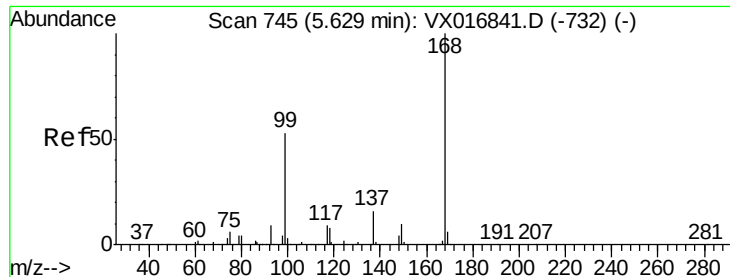
Instrument :
MSVOA_X
Client Sampled :
VSTDIC020

Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 256947

Ion Ratio Lower Upper

168 100

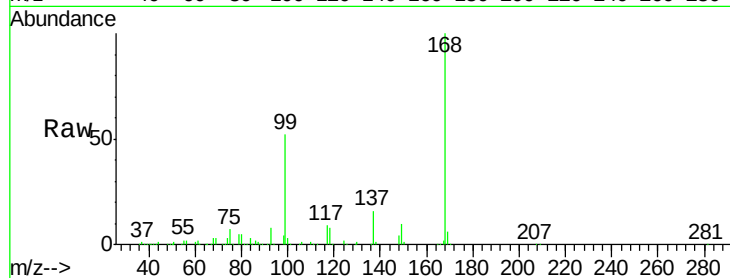
99 51.7 42.2 63.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

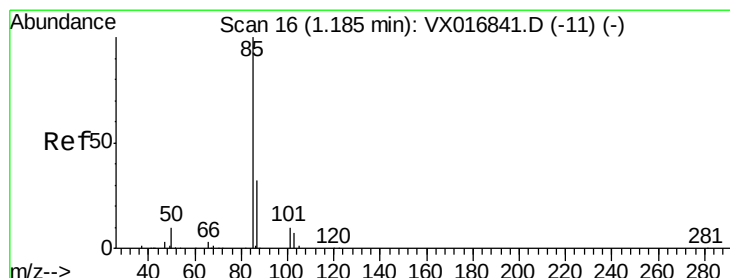
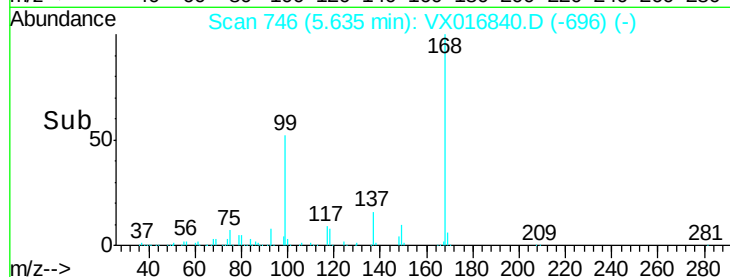
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 27.115 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016840.D

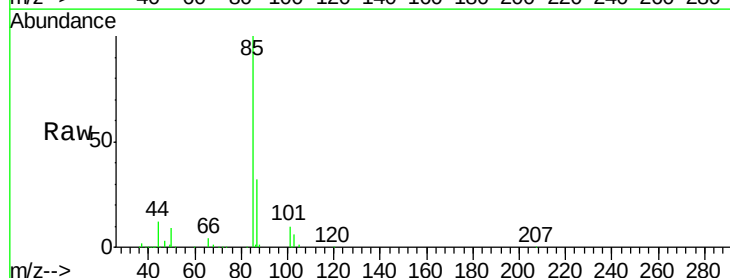
Acq: 18 Jun 2020 11:24

Tgt Ion: 85 Resp: 72863

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

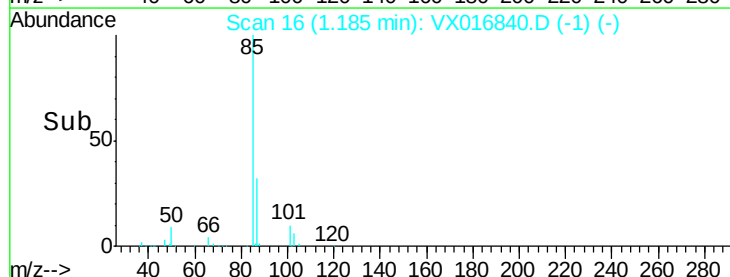
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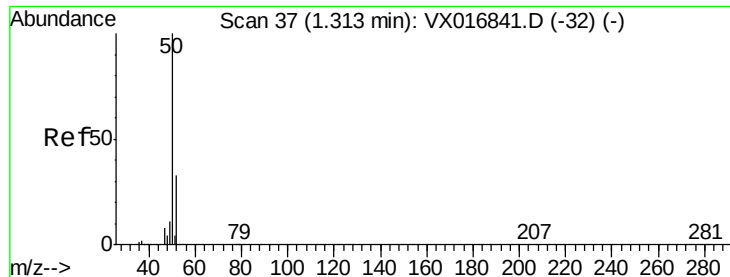
40000

20000

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Time-->





#3

Chloromethane

Concen: 24.497 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 69919

Ion Ratio Lower Upper

50 100

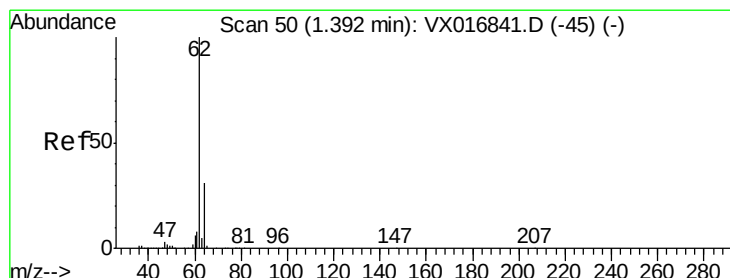
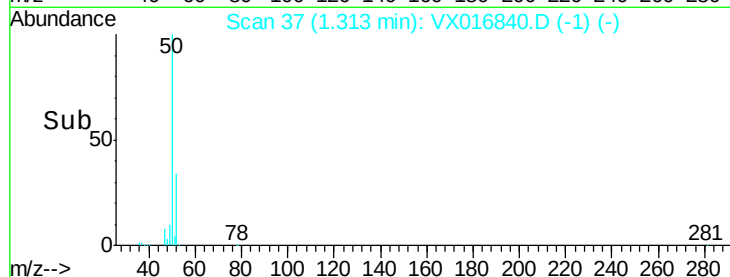
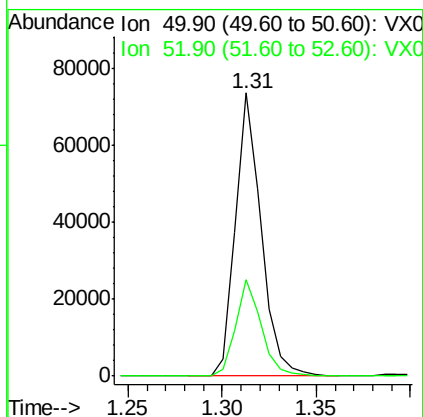
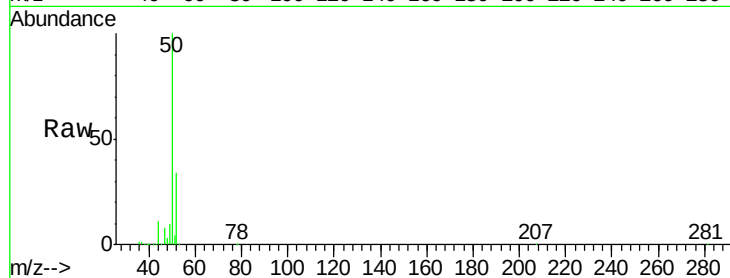
52 33.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.616 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016840.D

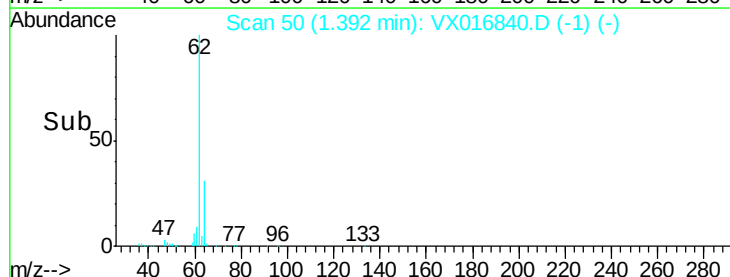
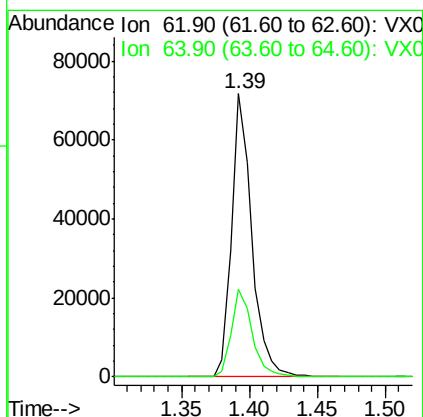
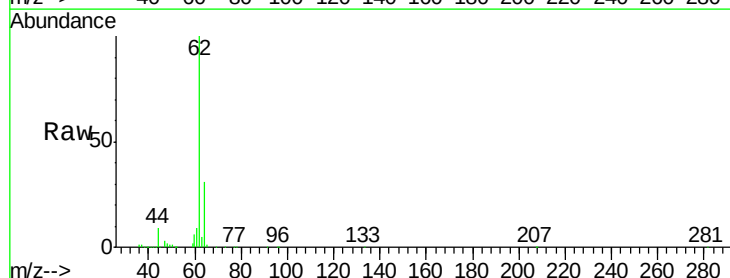
Acq: 18 Jun 2020 11:24

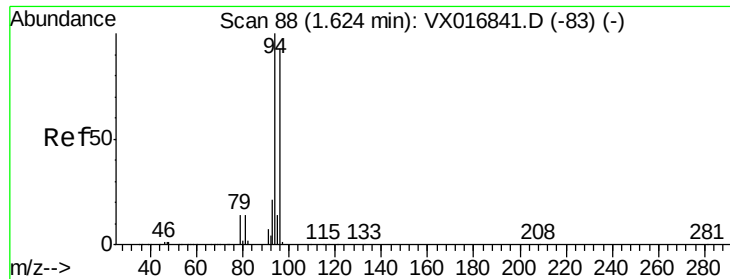
Tgt Ion: 62 Resp: 74117

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4





#5

Bromomethane

Concen: 24.181 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 47486

Ion Ratio Lower Upper

94 100

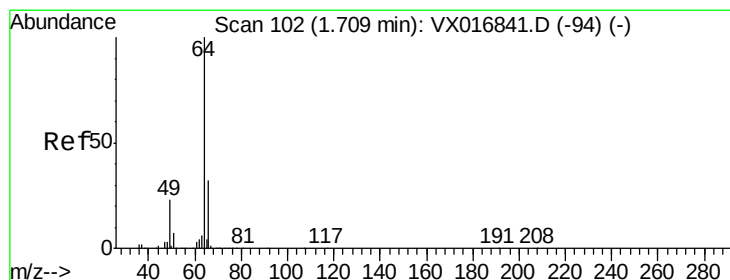
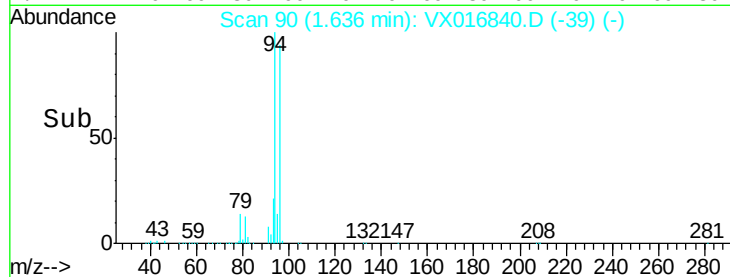
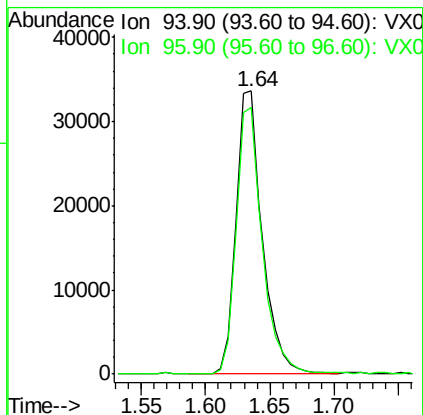
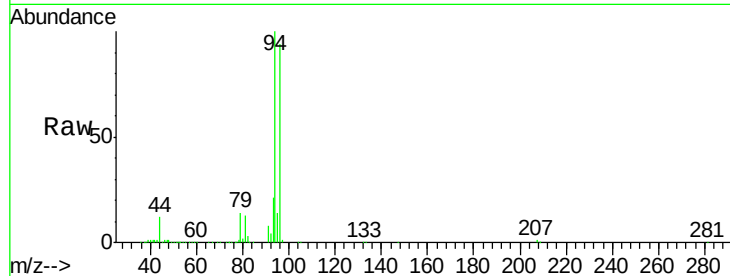
96 94.1 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 23.444 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016840.D

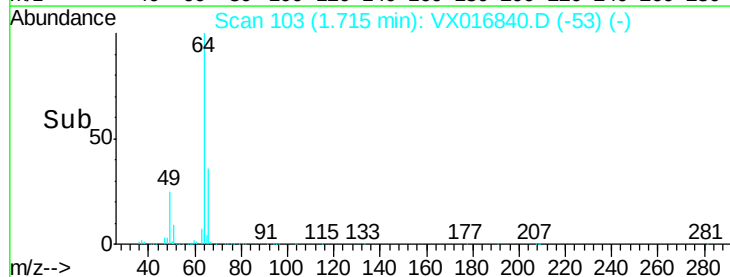
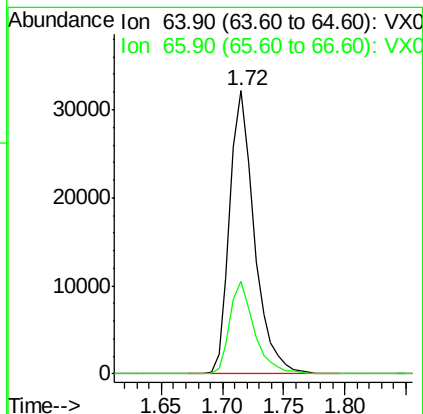
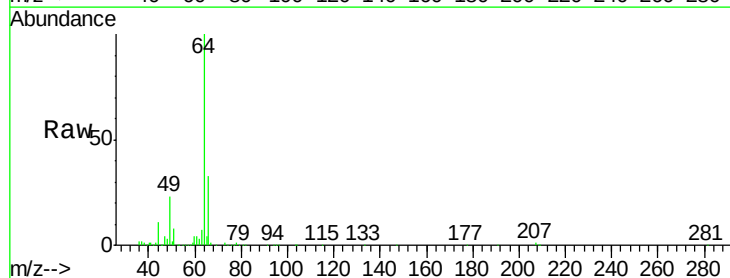
Acq: 18 Jun 2020 11:24

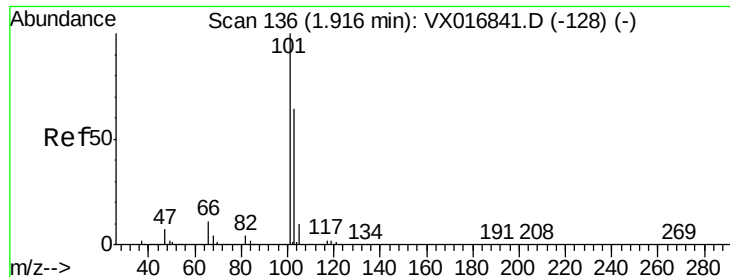
Tgt Ion: 64 Resp: 44810

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5





#7

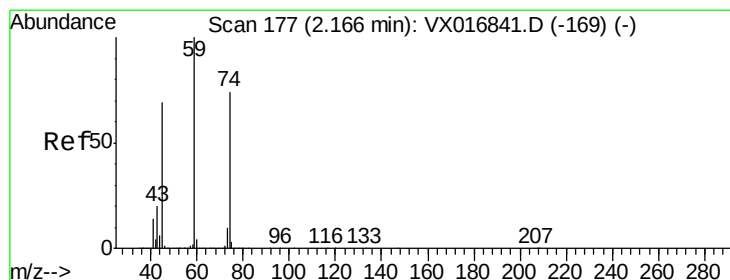
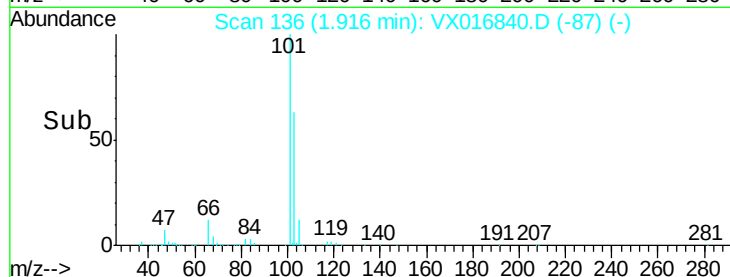
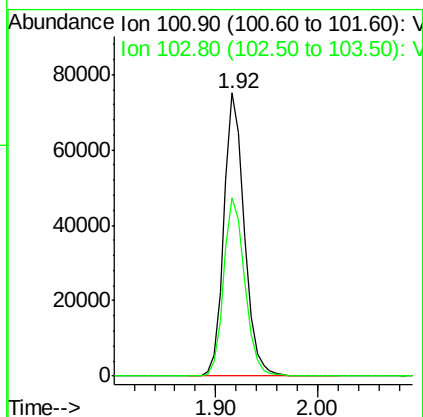
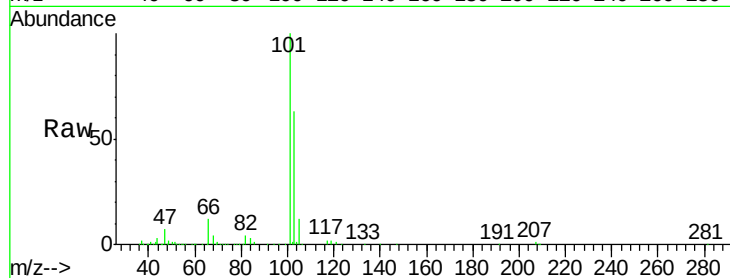
Trichlorofluoromethane
Concen: 23.574 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.2	76.8

Manual Integrations
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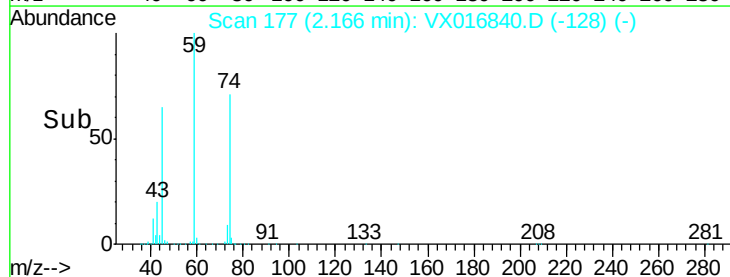
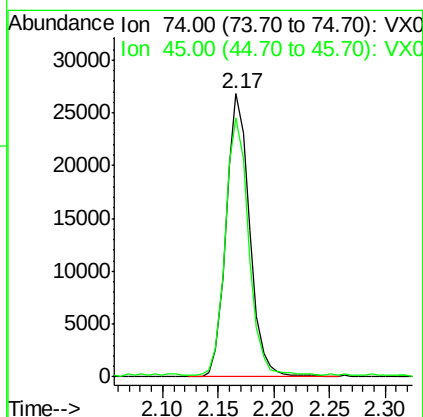
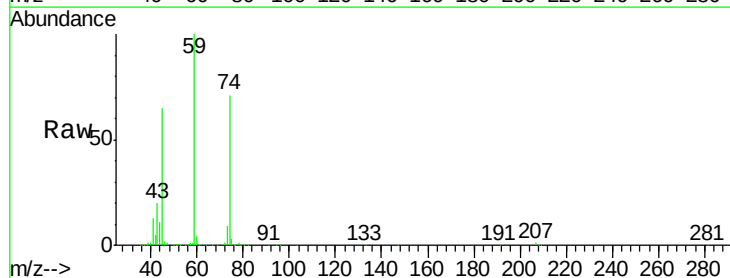
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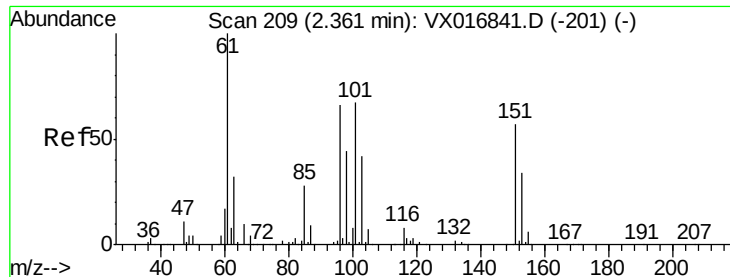


#8

Diethyl Ether
Concen: 21.625 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.551 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016840.D

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Instrument :

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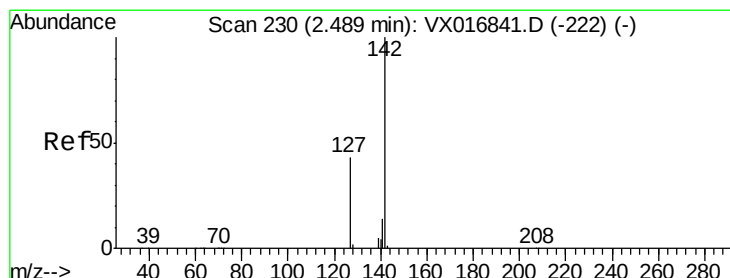
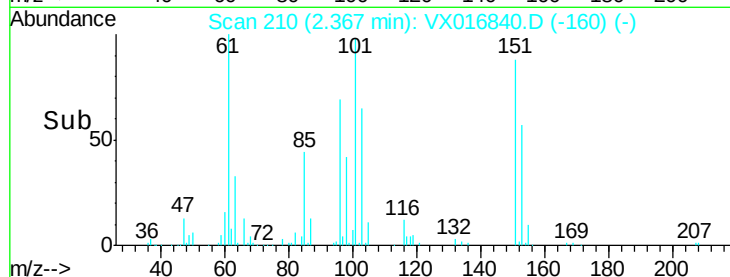
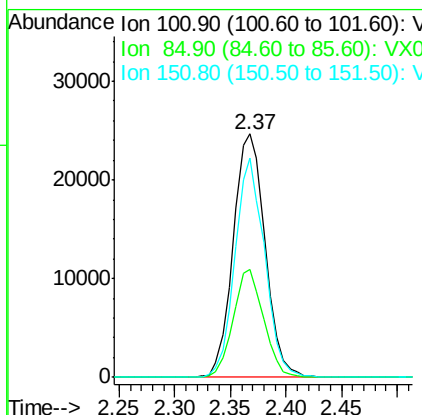
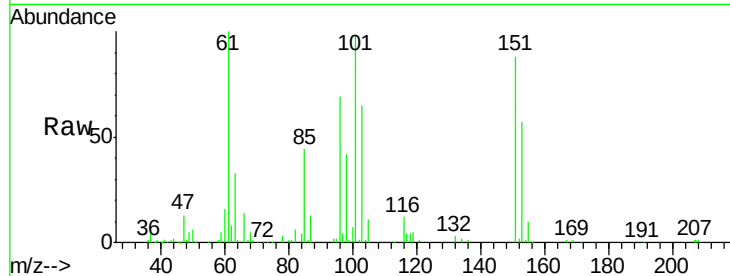
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	48856
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.3	51.5
151	84.1	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 17.331 ug/l

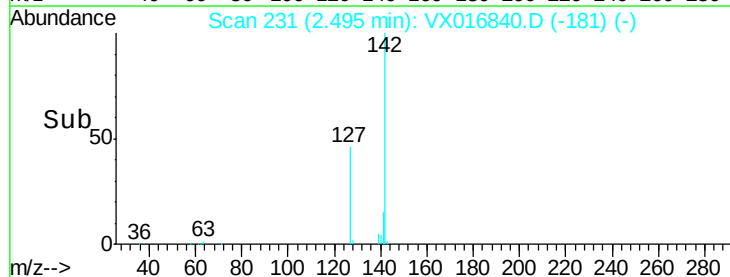
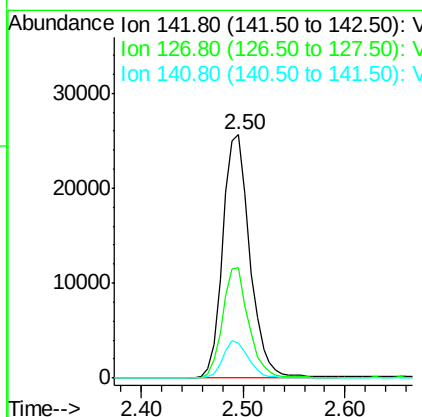
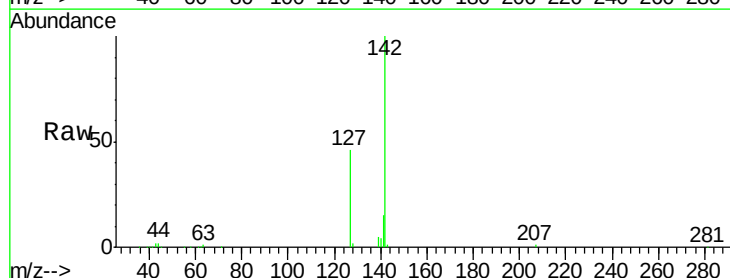
RT: 2.50 min Scan# 231

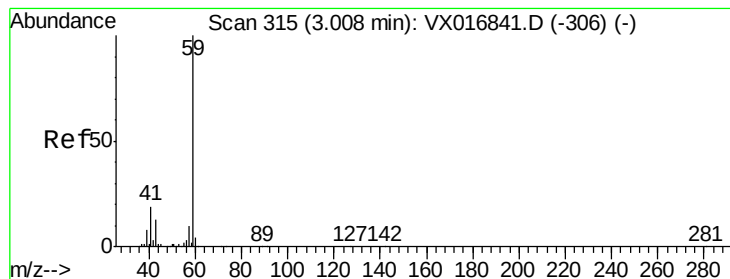
Delta R.T. 0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	142	Resp:	47558
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.1	52.7
141	14.4	11.6	17.4





#11

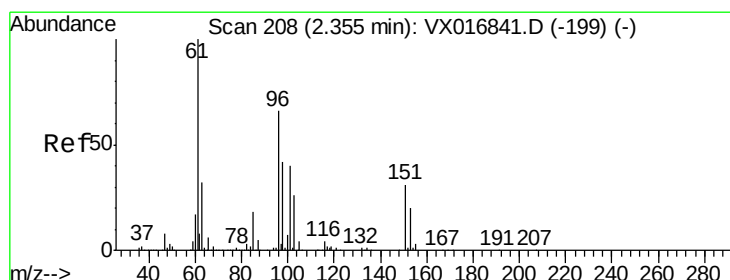
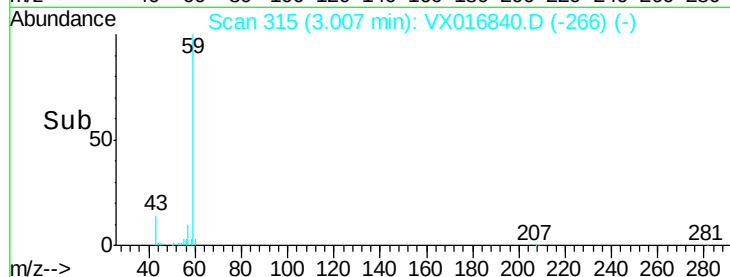
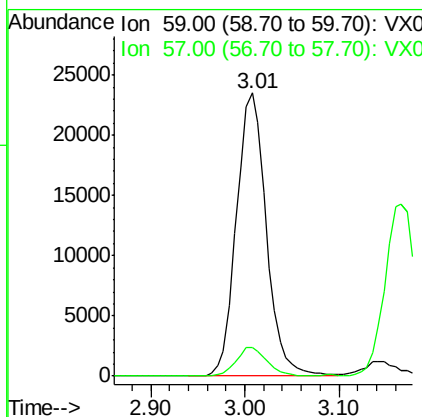
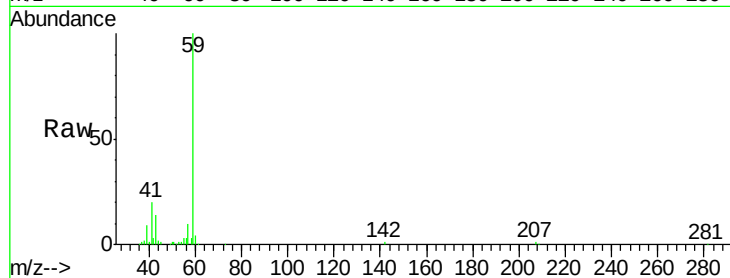
Tert butyl alcohol
Concen: 75.305 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.3		8.4	12.6

Manual Integrations
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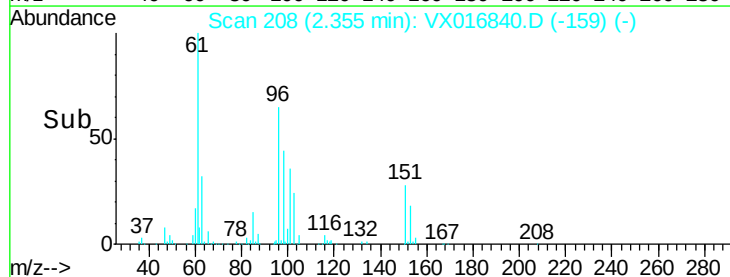
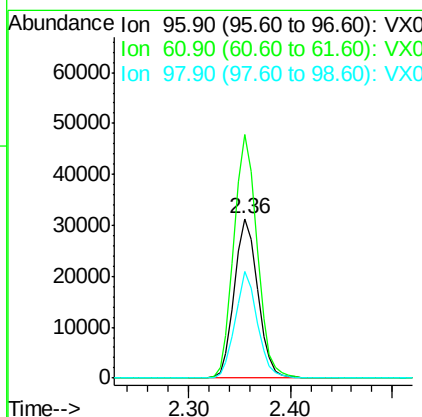
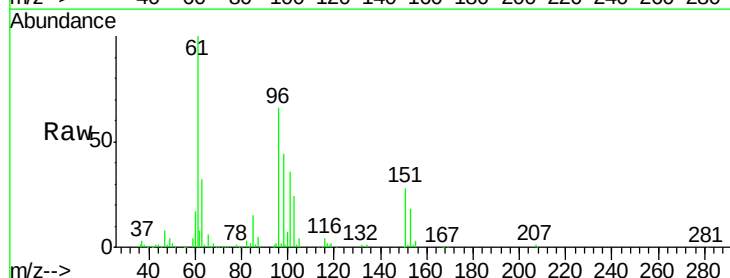
MMDadoda
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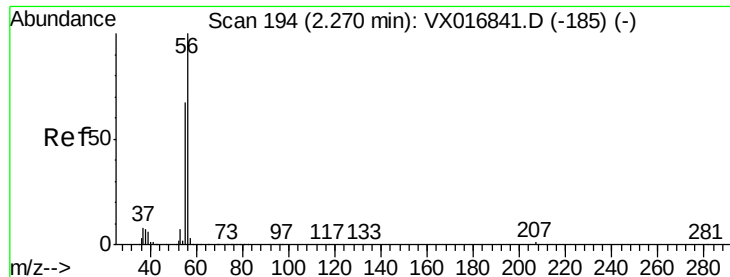


#12

1,1-Dichloroethene
Concen: 19.368 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	152.5		121.7	182.5
98	98	66.8		51.1	76.7





#13

Acrolein

Concen: 83.049 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 27637

Ion Ratio Lower Upper

56 100

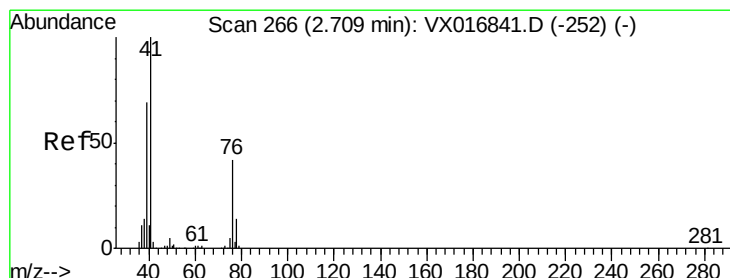
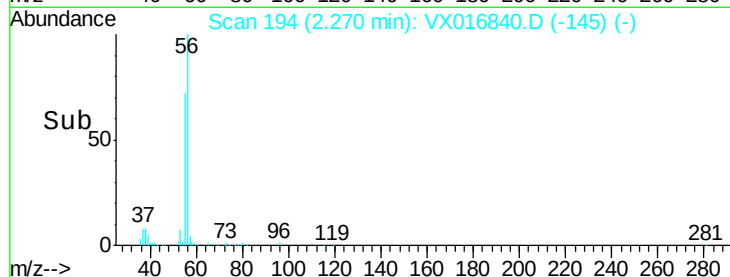
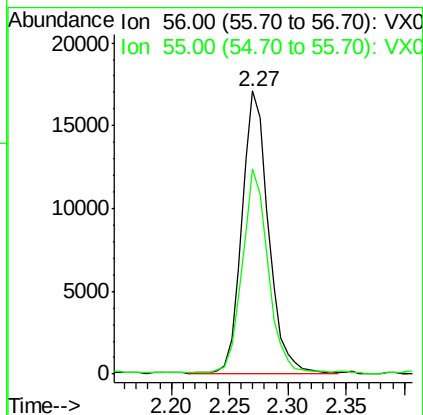
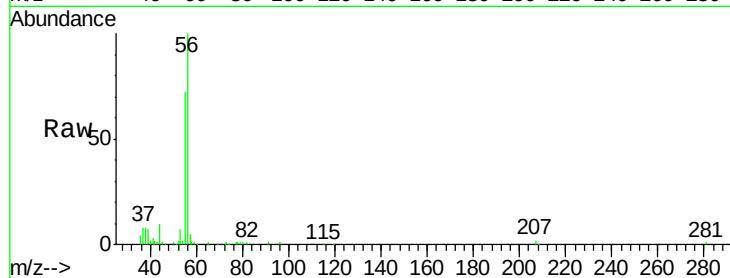
55 67.9 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 18.663 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

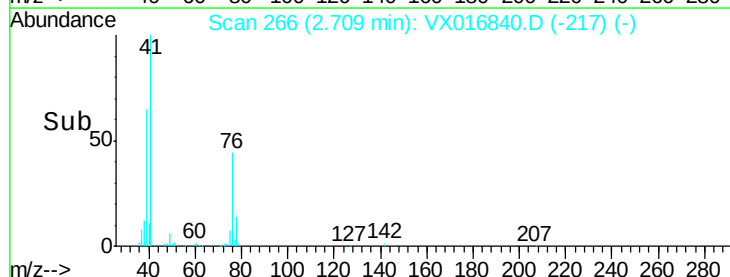
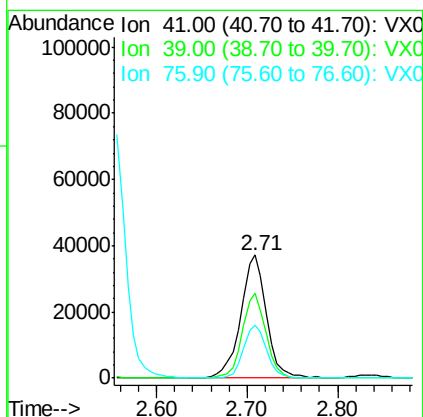
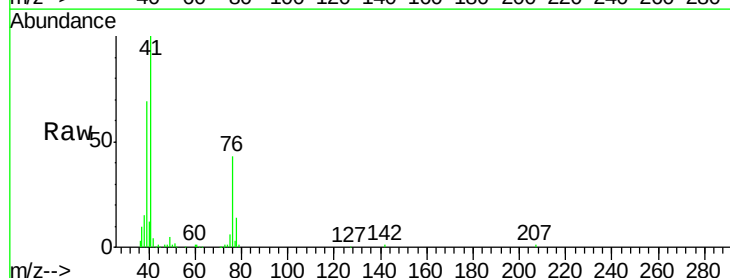
Tgt Ion: 41 Resp: 73098

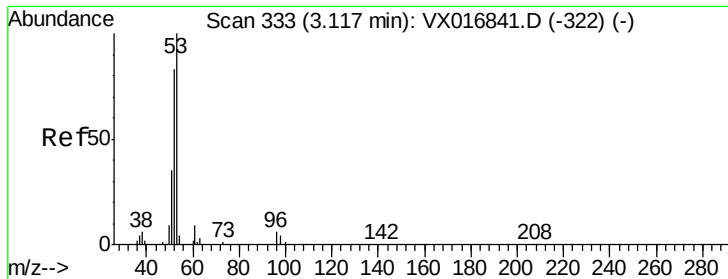
Ion Ratio Lower Upper

41 100

39 63.1 50.7 76.1

76 38.7 30.9 46.3





#15

Acrylonitrile

Concen: 83.957 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

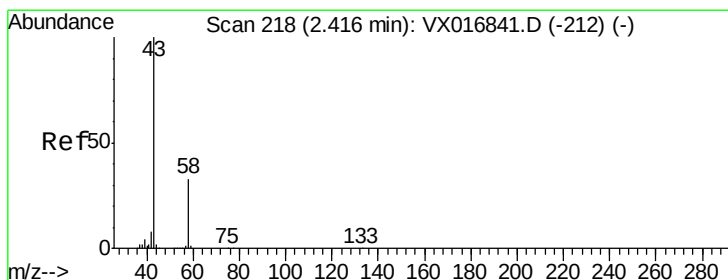
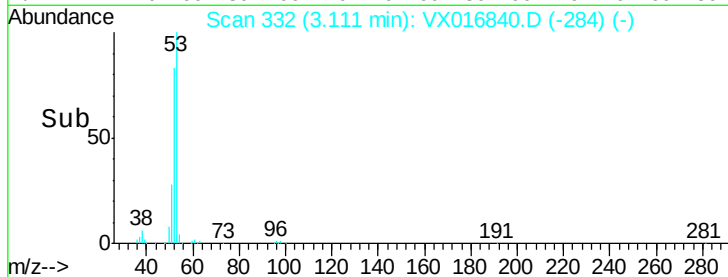
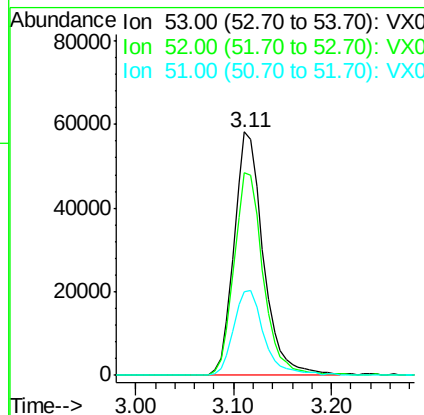
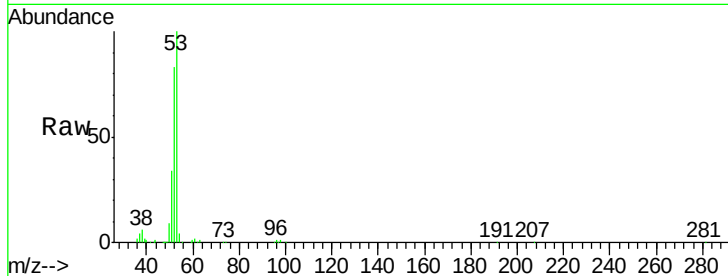
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	121130
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.2
51	36.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 80.382 ug/l

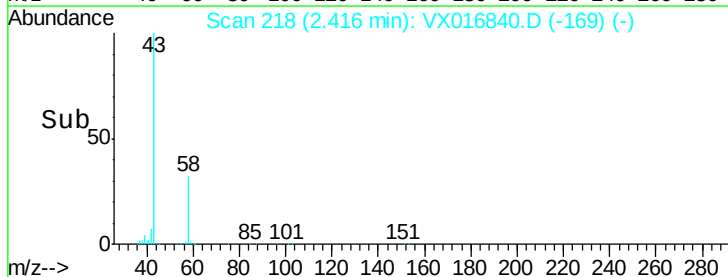
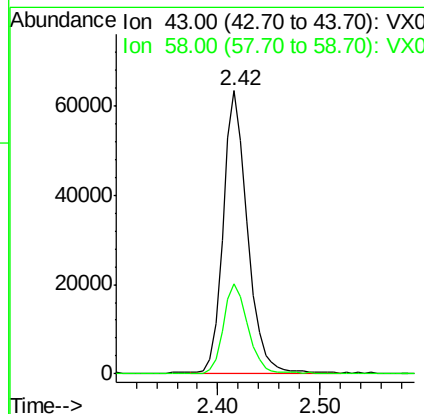
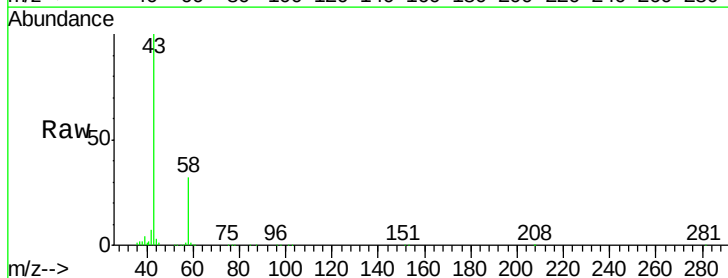
RT: 2.42 min Scan# 218

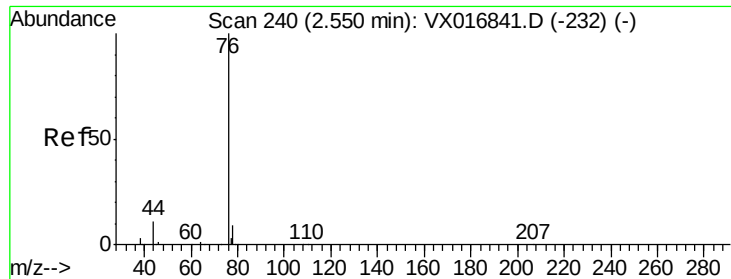
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	43	Resp:	103037
Ion Ratio	Lower	Upper	
43	100		
58	31.7	26.6	39.8





#17

Carbon Disulfide

Concen: 19.064 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 136991

Ion Ratio Lower Upper

76 100

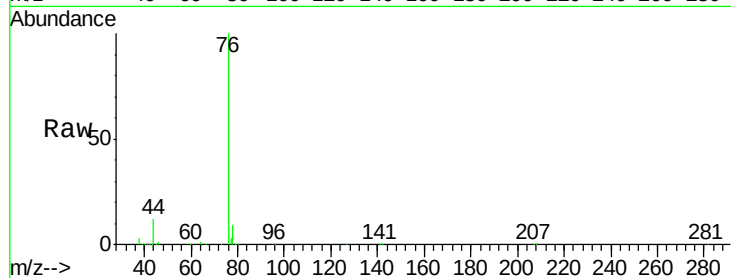
78 9.0 7.5 11.3

Manual Integrations

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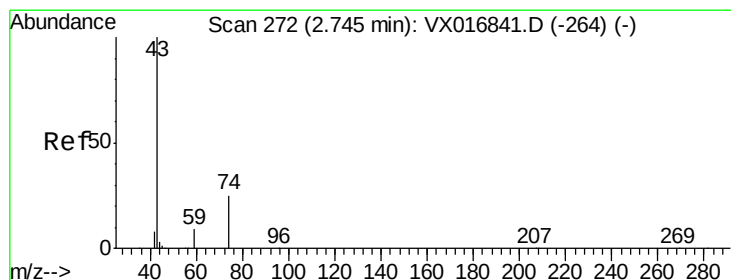
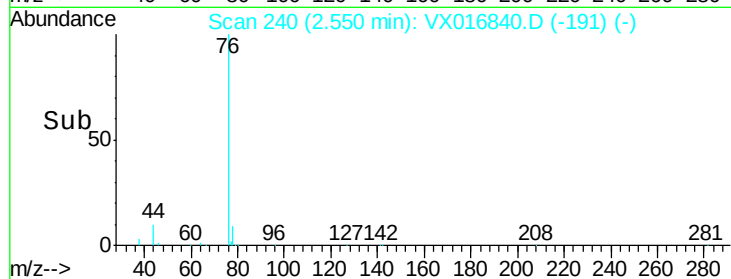
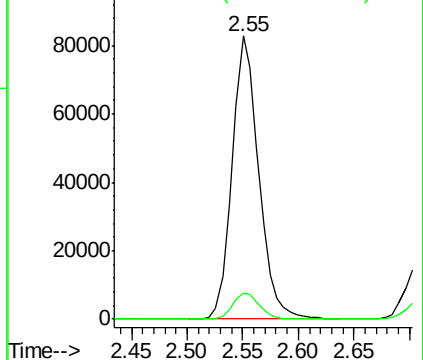
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.710 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016840.D

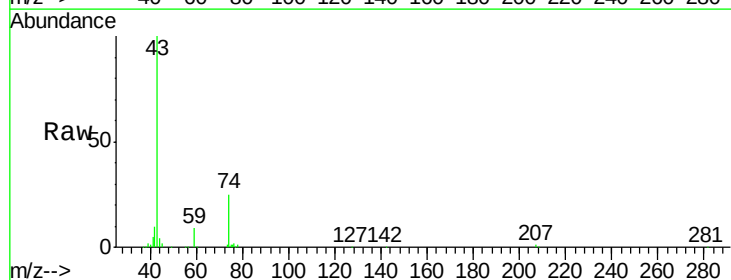
Acq: 18 Jun 2020 11:24

Tgt Ion: 43 Resp: 60587

Ion Ratio Lower Upper

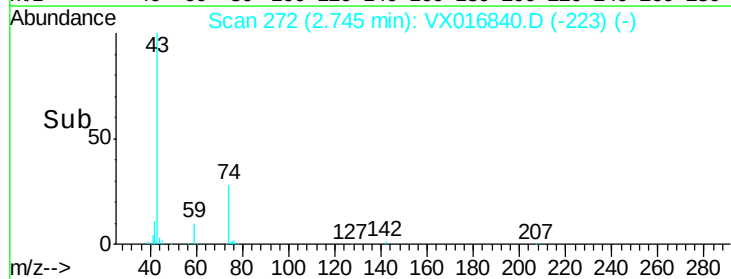
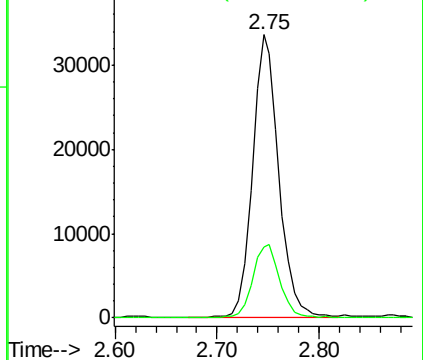
43 100

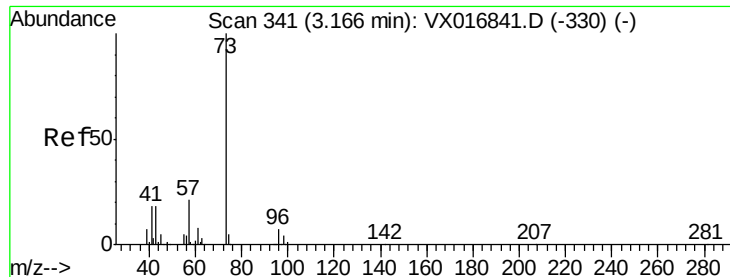
74 26.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





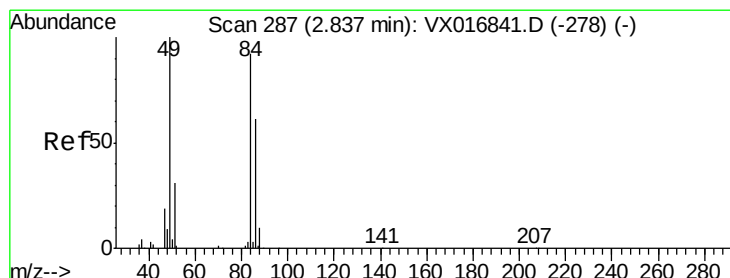
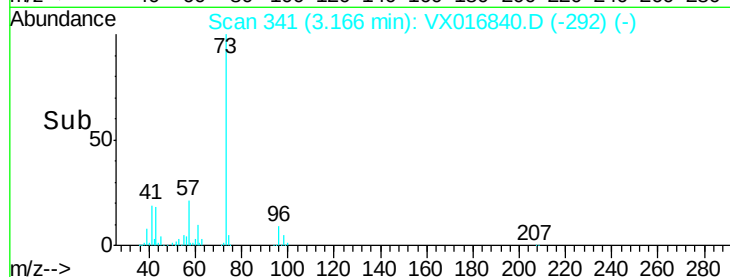
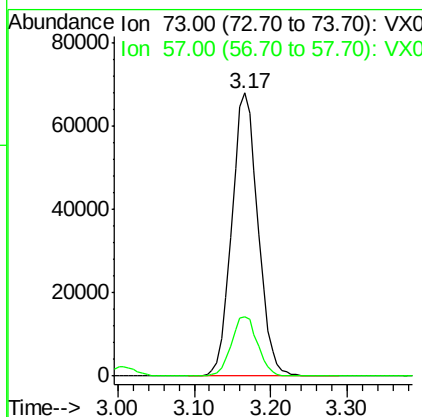
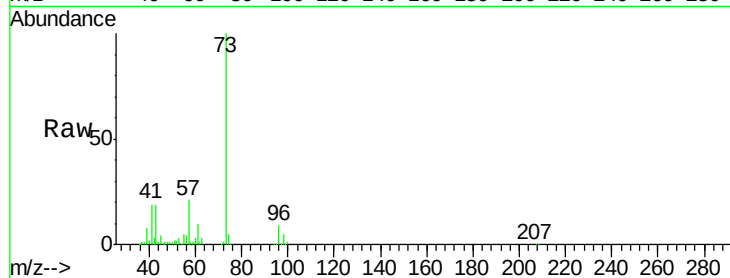
#19
Methyl tert-butyl Ether
Concen: 18.806 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3

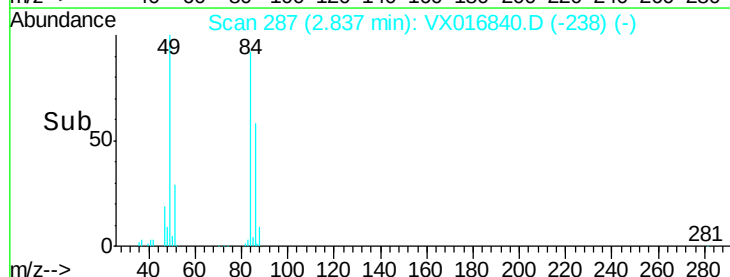
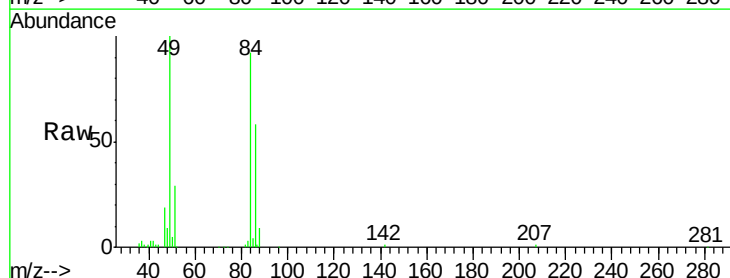
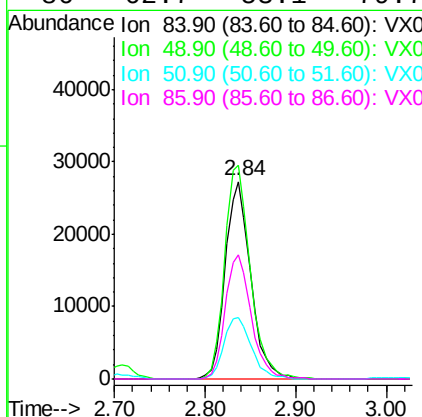
Manual Integrations
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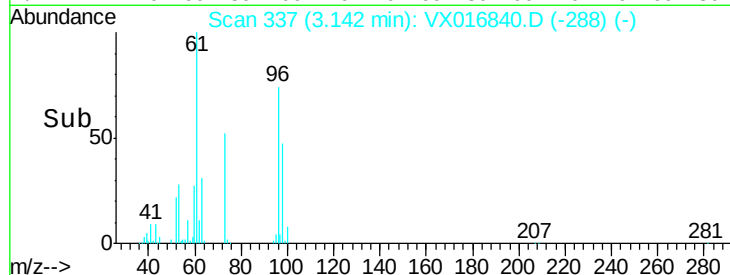
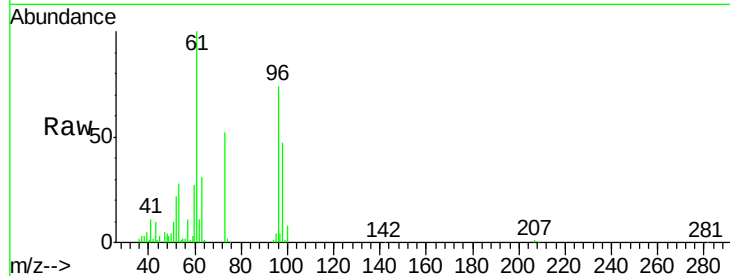
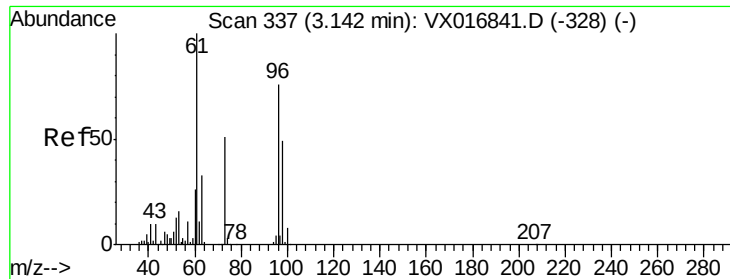
MMDadoda
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#20
Methylene Chloride
Concen: 18.889 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.2	86.6	129.8
51	31.1	27.1	40.7
86	62.7	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 19.304 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tot Ion:	96	Resp:	52214
Ion	Ratio	Lower	Upper
96	100		
61	135.2	105.4	158.0
98	63.4	51.3	76.9

Instrument :

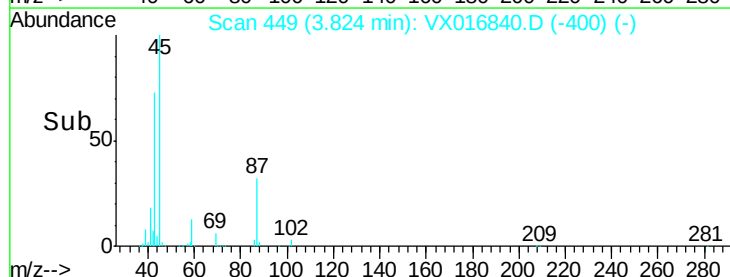
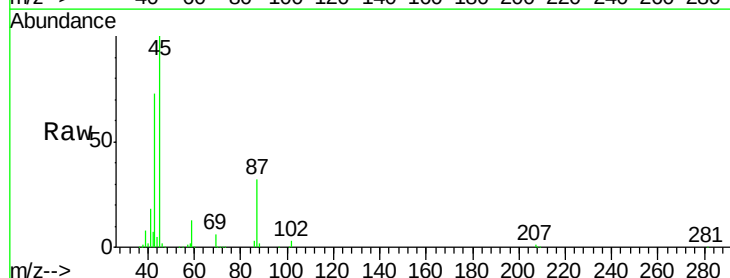
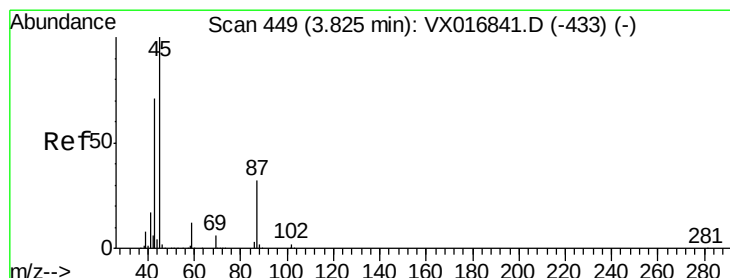
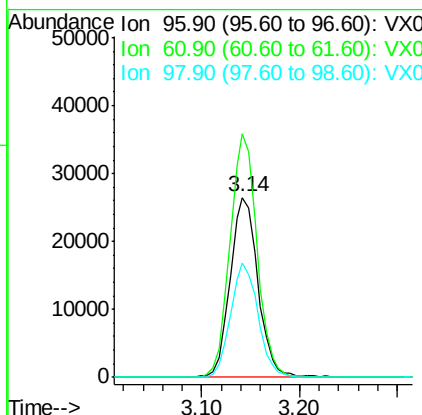
MSVOA_X

ClientSampleId :

VSTDIC020

Manual Integrations
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6/19/2020 12:49:35 PM



#22

Diisopropyl ether

Concen: 19.432 ug/l

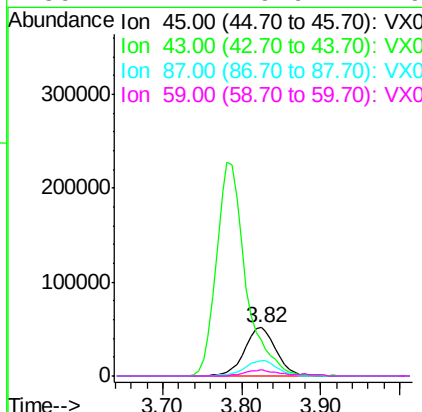
RT: 3.82 min Scan# 449

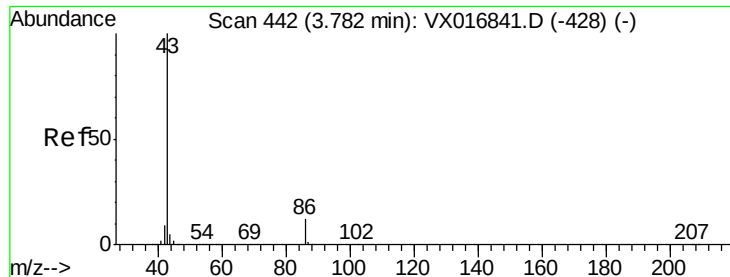
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	45	Resp:	143314
Ion	Ratio	Lower	Upper
45	100		
43	72.4	57.0	85.4
87	32.1	25.2	37.8
59	12.7	9.9	14.9





#23

Vinyl Acetate

Concen: 92.754 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 589315

Ion Ratio Lower Upper

43 100

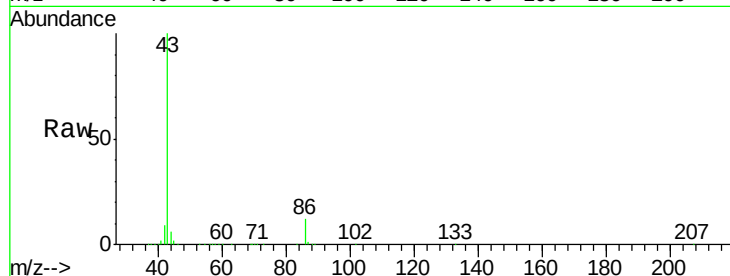
86 12.0 9.9 14.9

Manual Integrations

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MMDadoda

6/19/2020 12:49:35 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

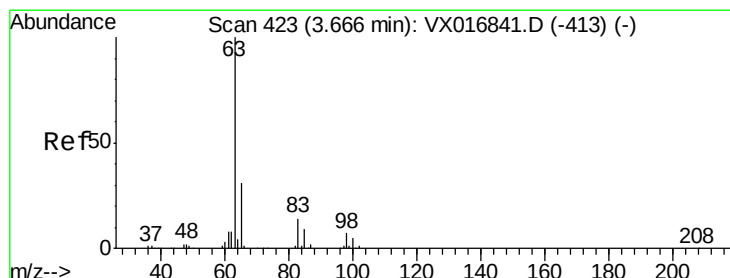
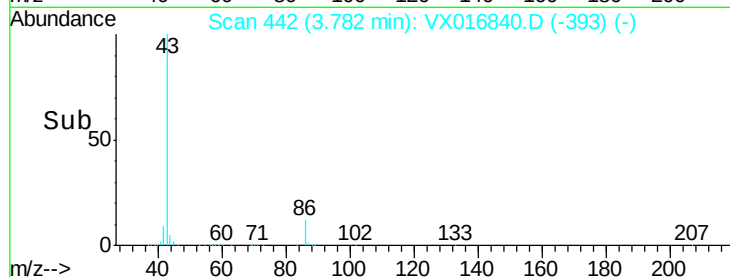
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.458 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

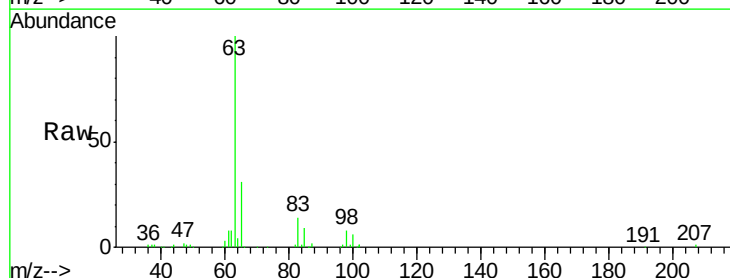
Tgt Ion: 63 Resp: 89856

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 5.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

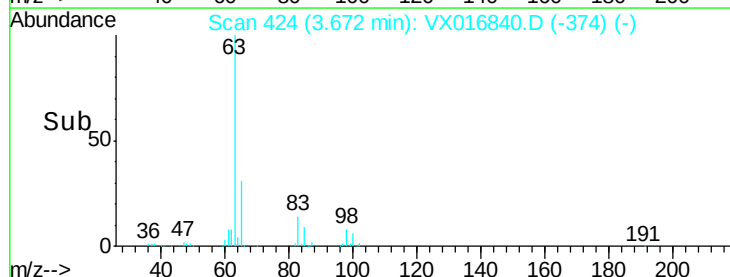
30000

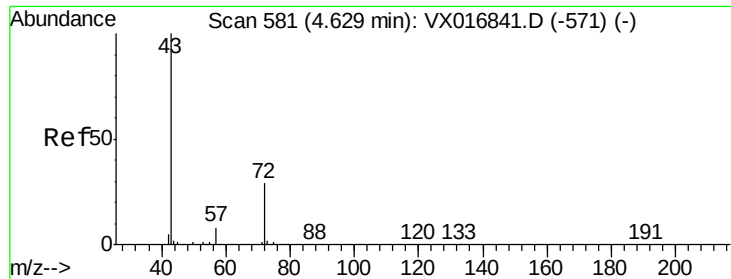
20000

10000

0

Time-->





#25

2-Butanone

Concen: 83.688 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 161191

Ion Ratio Lower Upper

43 100

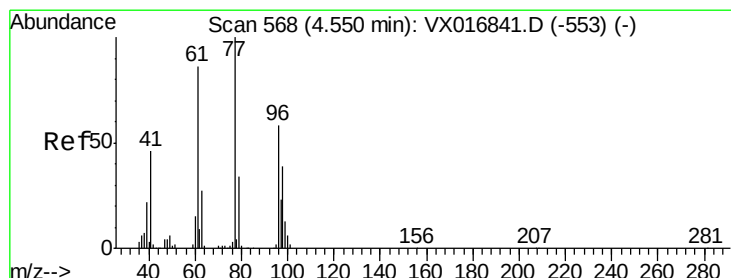
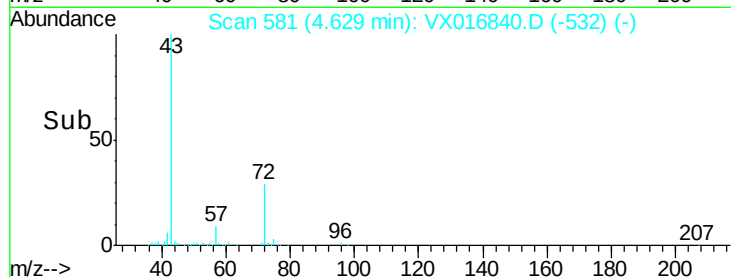
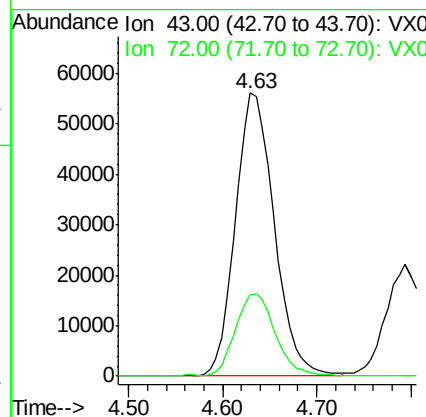
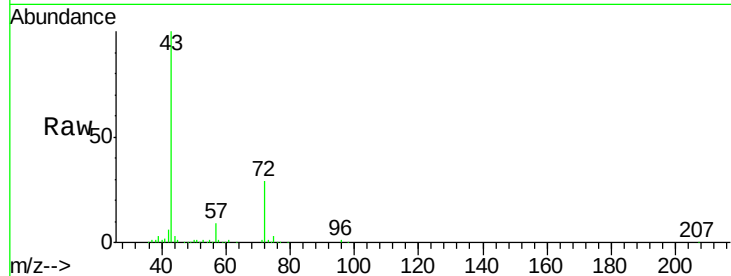
72 28.5 23.5 35.3

Manual Integrations

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MMDadoda

6/19/2020 12:49:35 PM



#26

2,2-Dichloropropane

Concen: 19.481 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016840.D

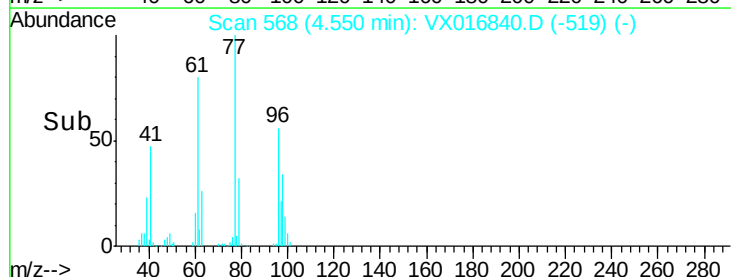
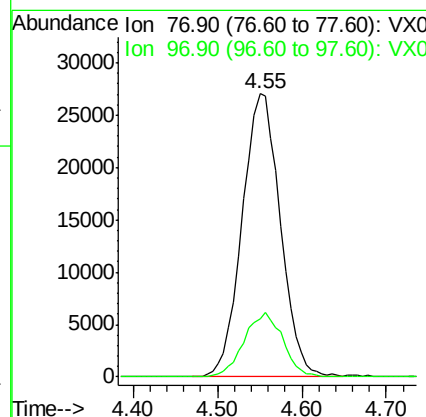
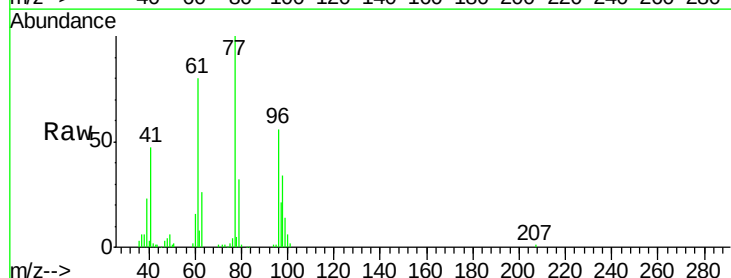
Acq: 18 Jun 2020 11:24

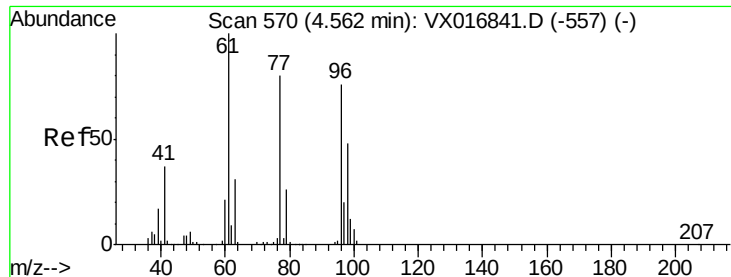
Tgt Ion: 77 Resp: 83272

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

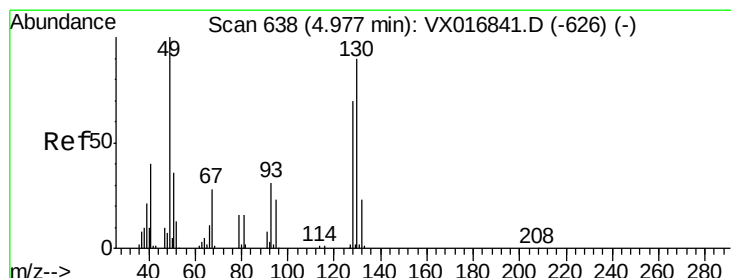
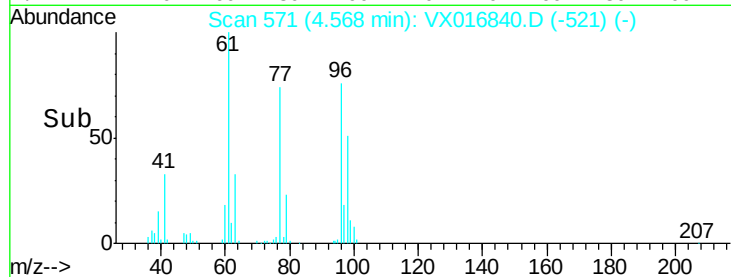
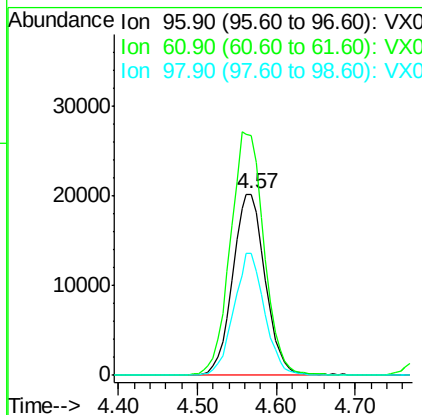
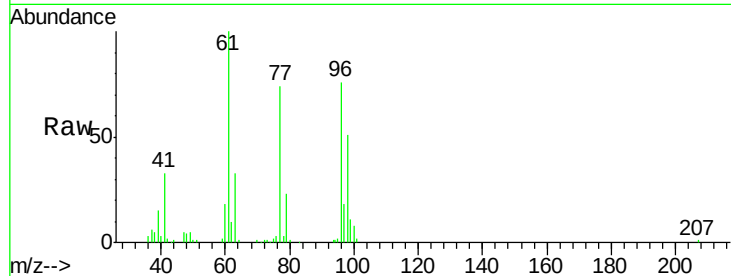
cis-1,2-Dichloroethene
Concen: 18.777 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.6	0.0	273.8	
98	63.5	0.0	129.0	

Manual Integrations
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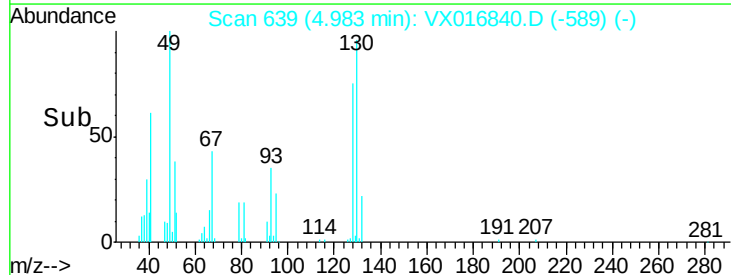
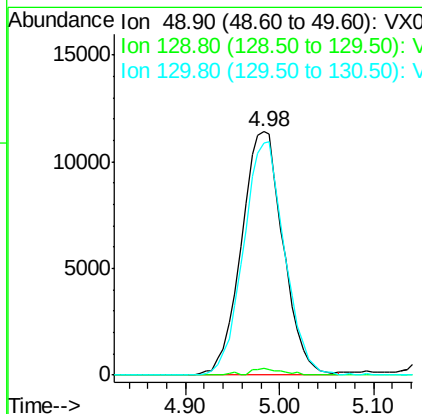
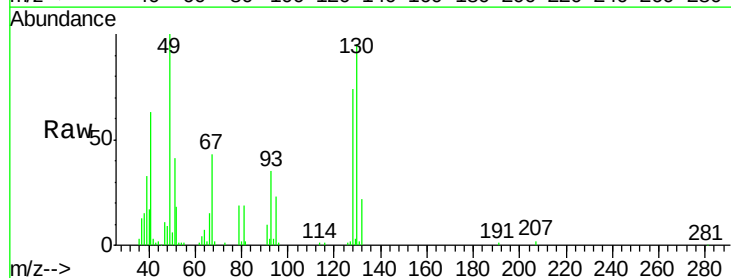
MMDadoda
6/19/2020 12:49:35 PM

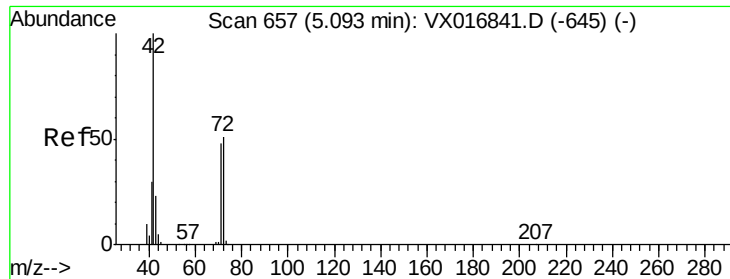


#28

Bromochloromethane
Concen: 18.012 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	5.0	
130	94.3	76.8	115.2	





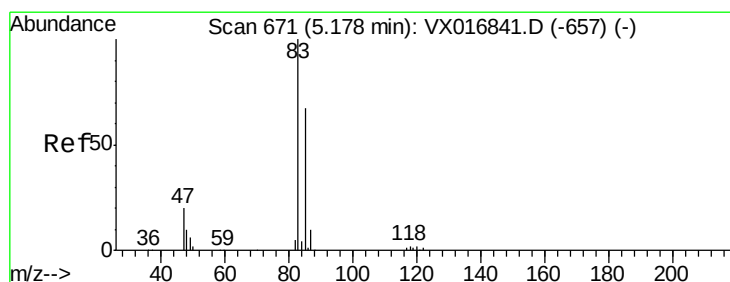
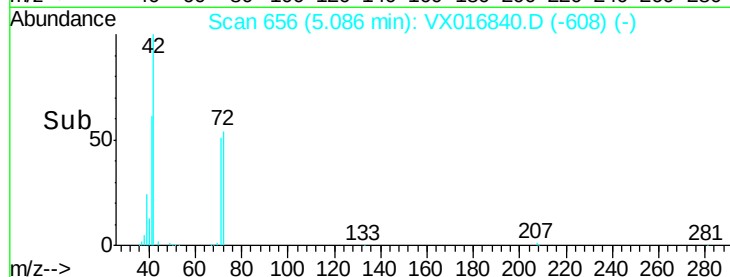
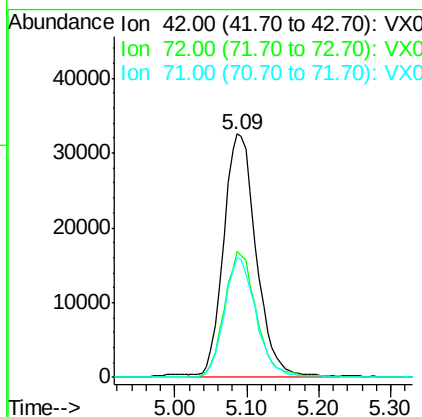
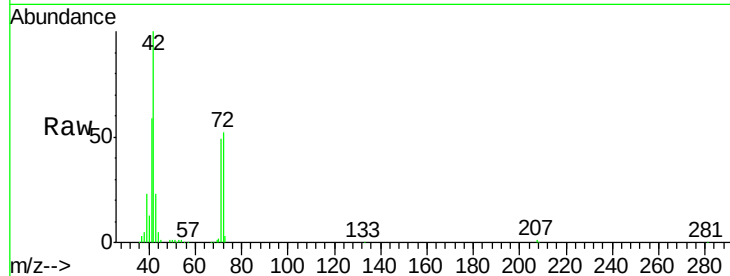
#29
Tetrahydrofuran
Concen: 81.729 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.1	61.7
71	47.9	38.4	57.6

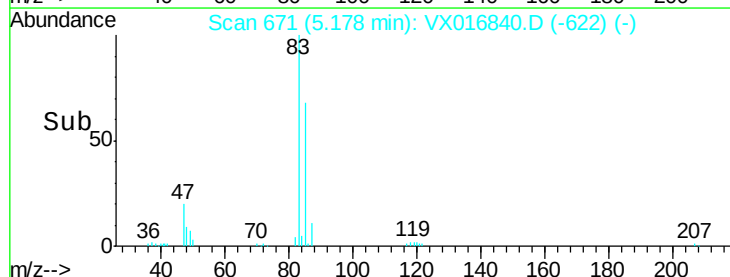
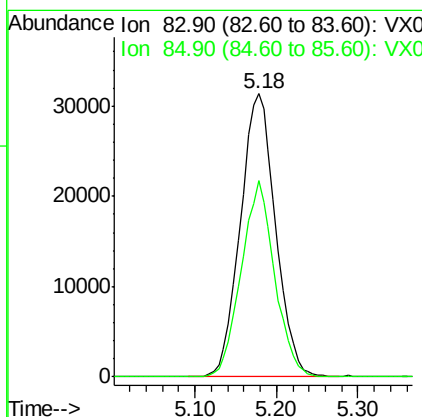
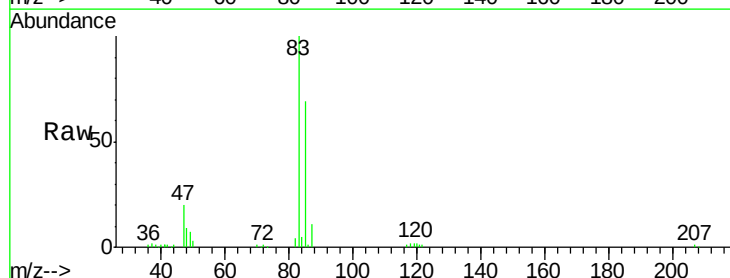
Manual Integrations
APPROVED

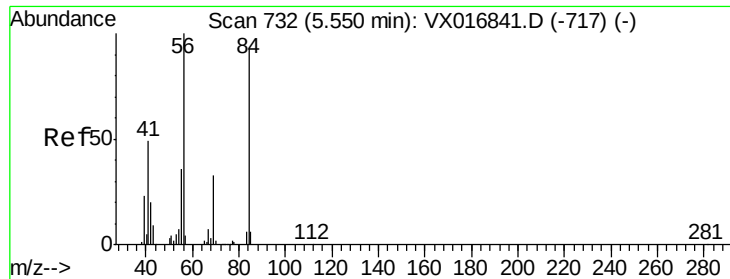
MMDadoda
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#30
Chloroform
Concen: 19.241 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	53.4	80.0





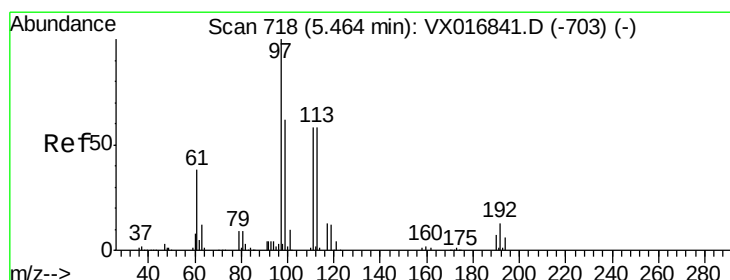
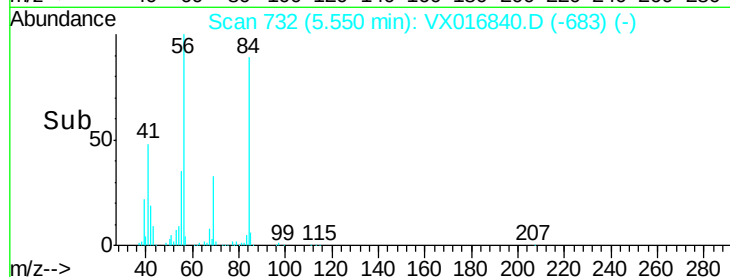
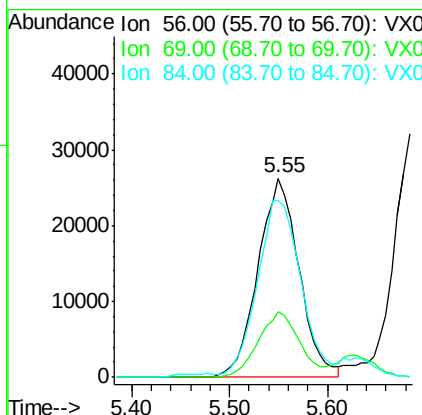
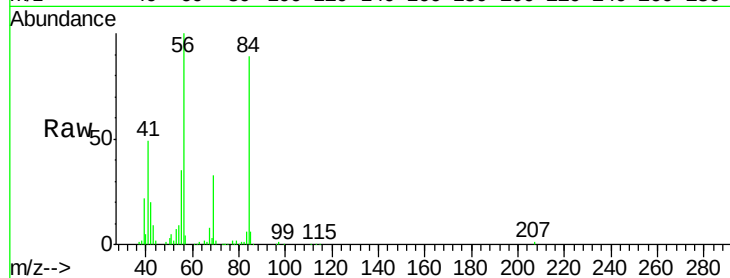
#31
Cyclohexane
Concen: 21.978 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.1	39.1
84	87.0	73.0	109.6

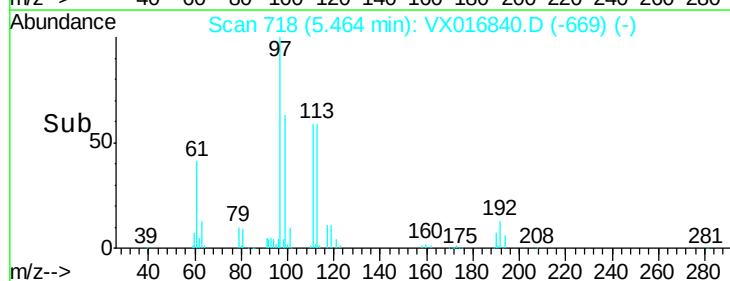
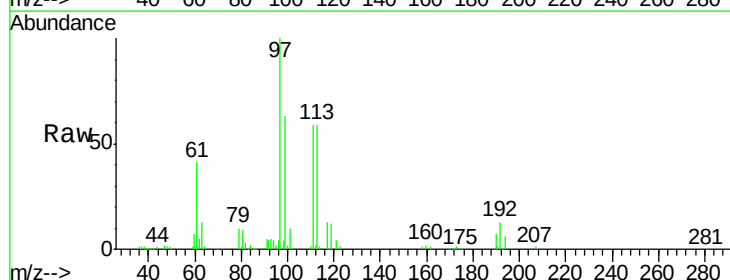
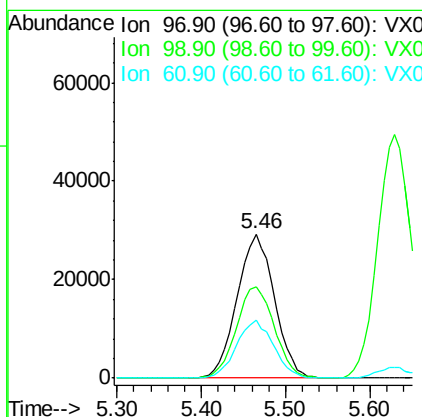
Manual Integrations
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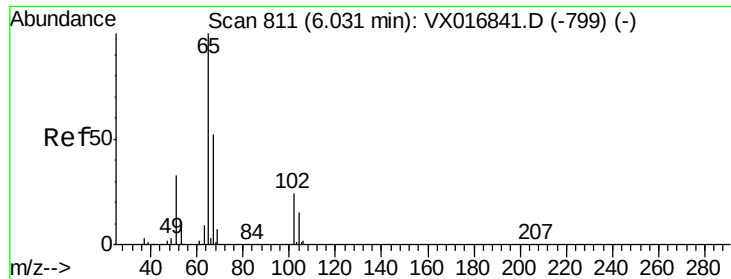
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#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	40.1	31.3	46.9





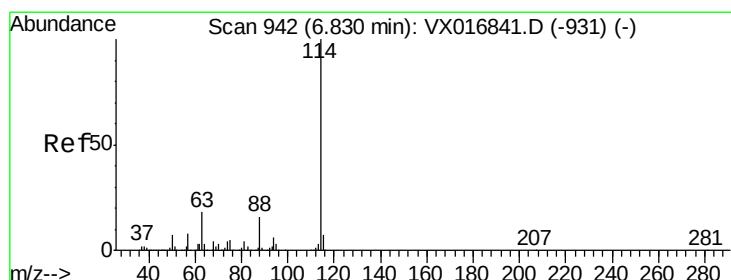
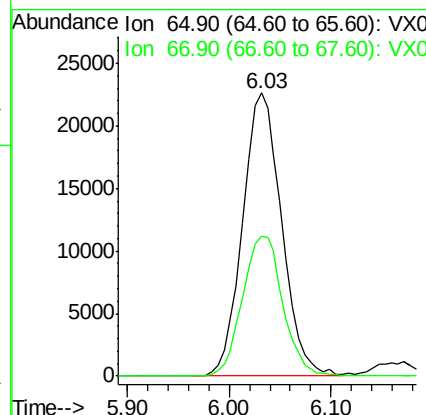
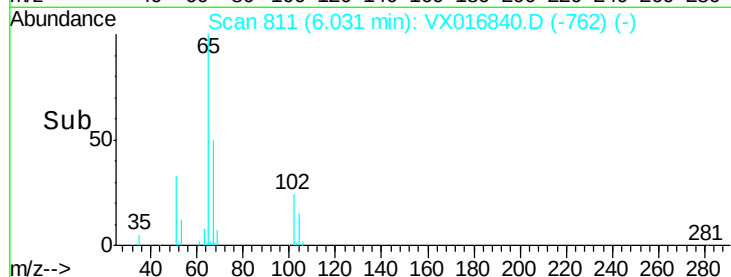
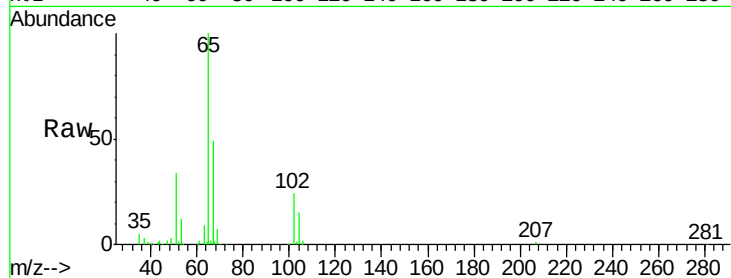
#33
 1,2-Dichloroethane-d4
 Concen: 19.653 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

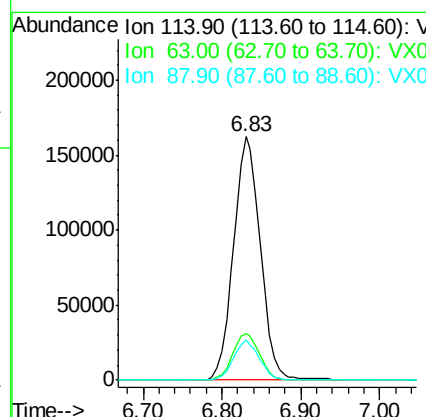
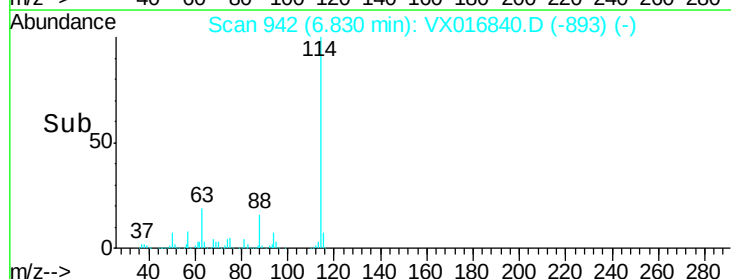
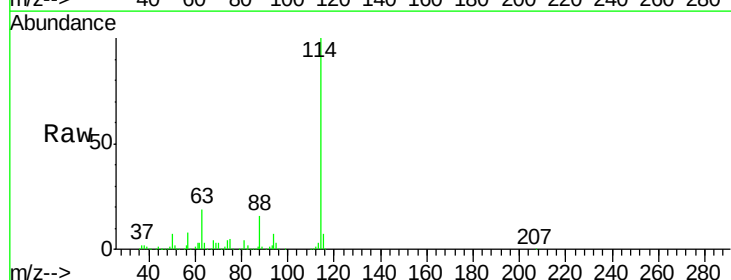
Manual Integrations
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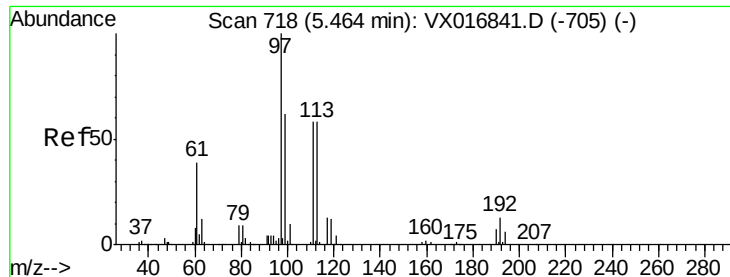
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.0
88	16.2	0.0	32.0





#35

Dibromofluoromethane

Concen: 20.630 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

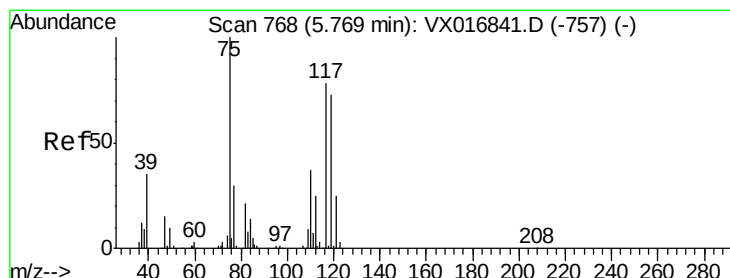
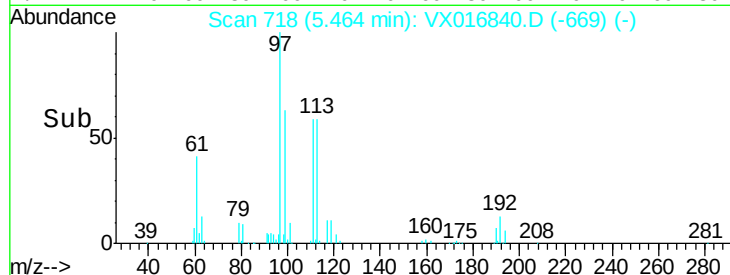
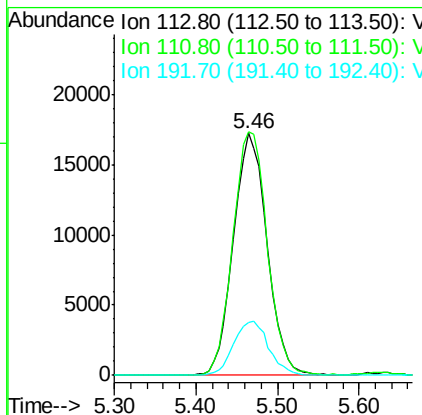
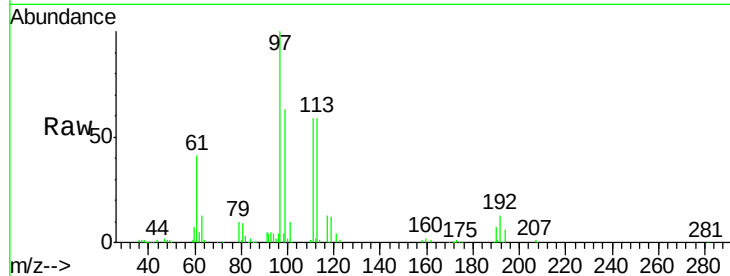
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	49136
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.0	121.4
192	23.1	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.395 ug/l

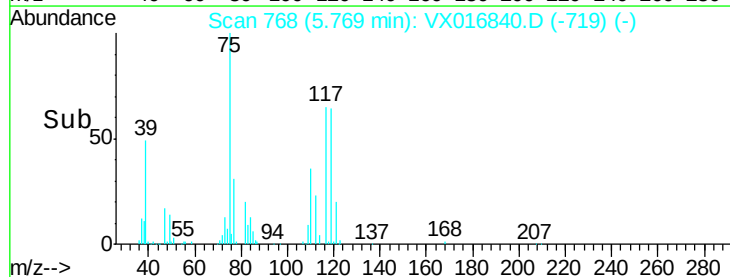
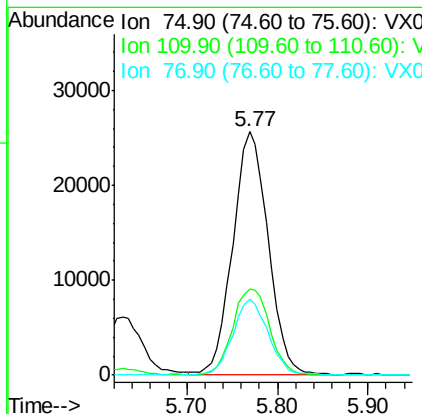
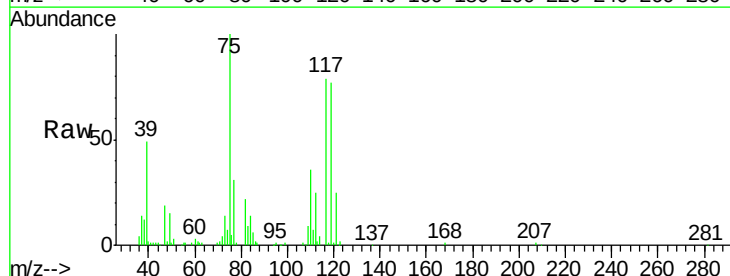
RT: 5.77 min Scan# 768

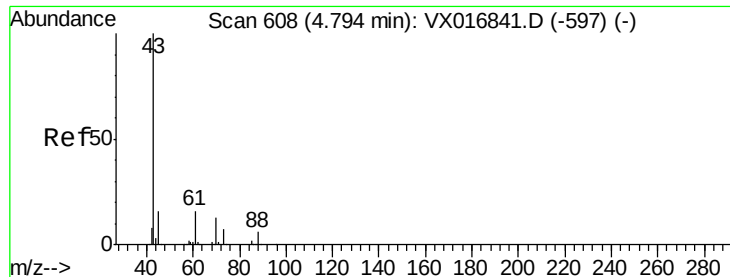
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	75	Resp:	68980
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.9	56.9
77	31.2	25.6	38.4





#37

Ethyl Acetate

Concen: 17.325 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

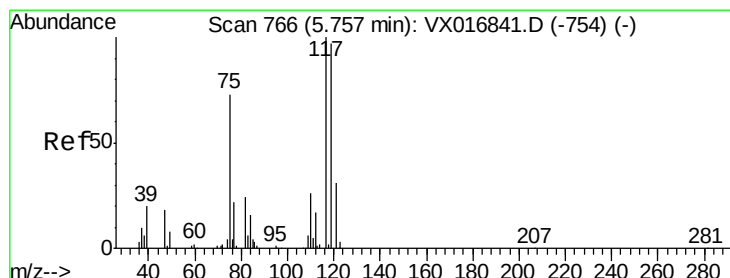
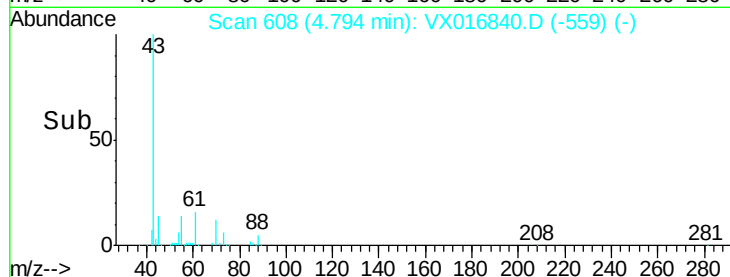
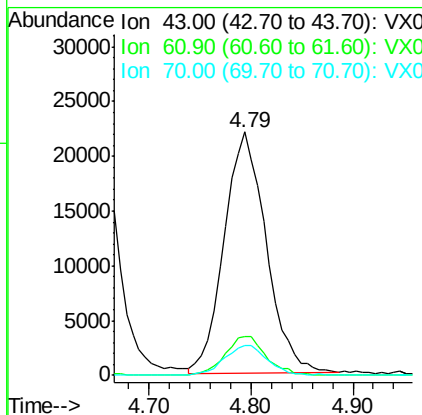
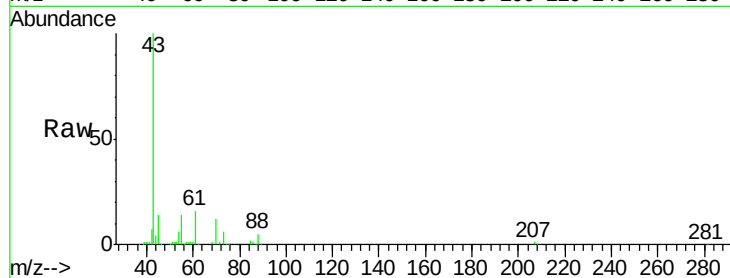
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	62923
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.2	18.2
70	12.8	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.645 ug/l

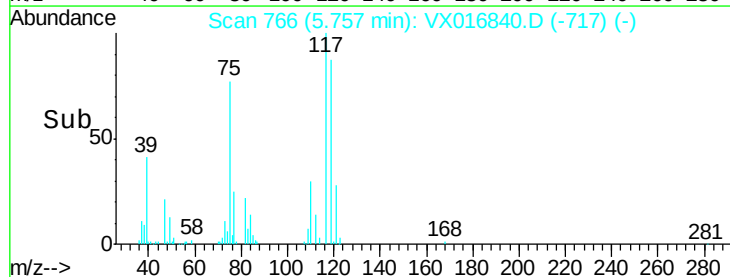
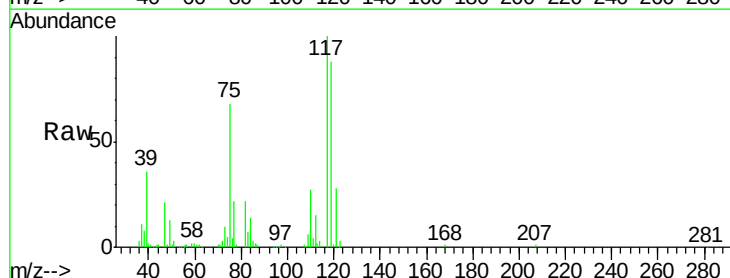
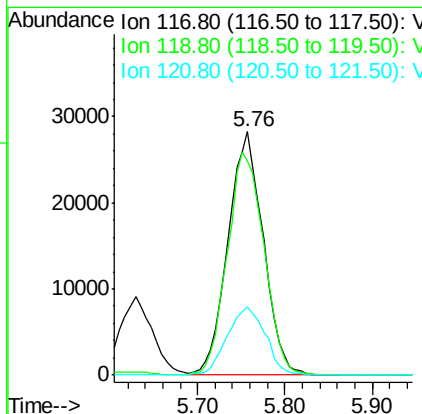
RT: 5.76 min Scan# 766

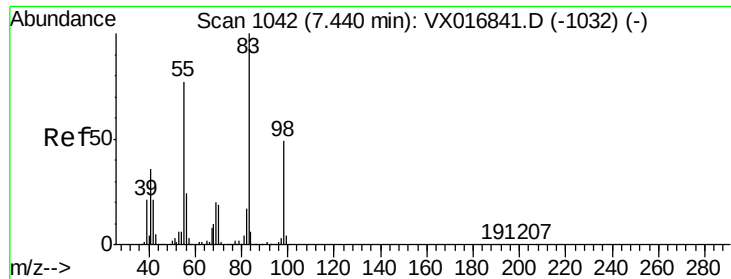
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	117	Resp:	79294
Ion	Ratio	Lower	Upper
117	100		
119	87.8	77.4	116.2
121	28.0	24.7	37.1





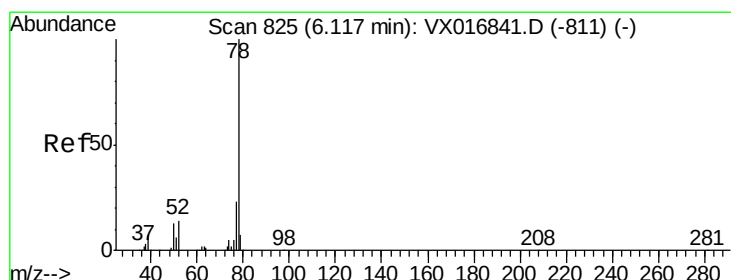
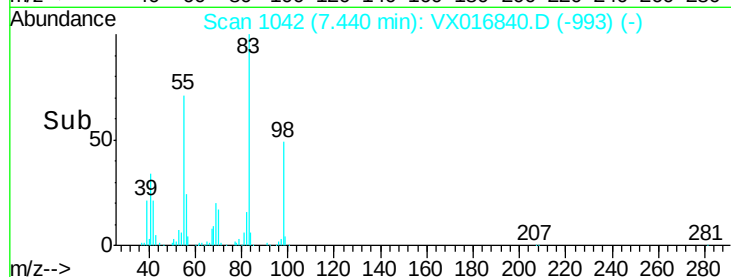
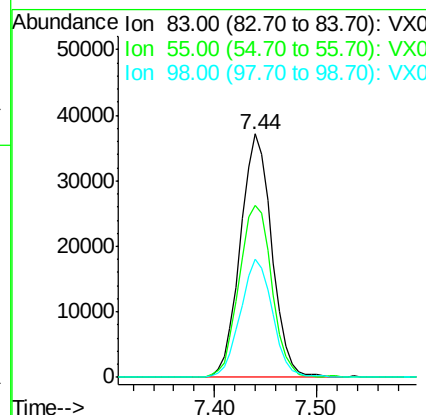
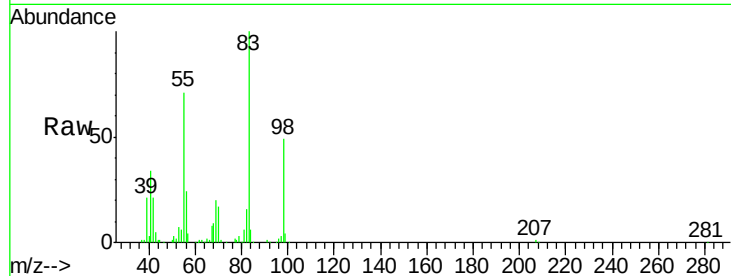
#39
Methylvlcyclohexane
Concen: 21.742 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	61.7	92.5
98	48.7	39.0	58.6

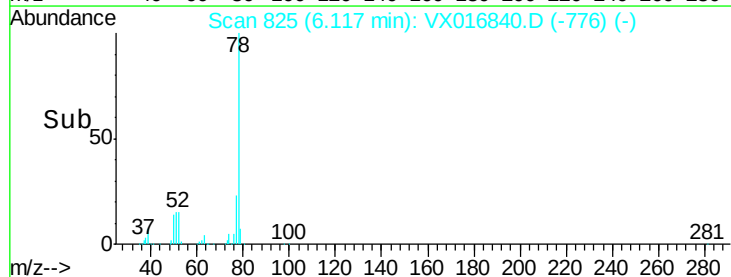
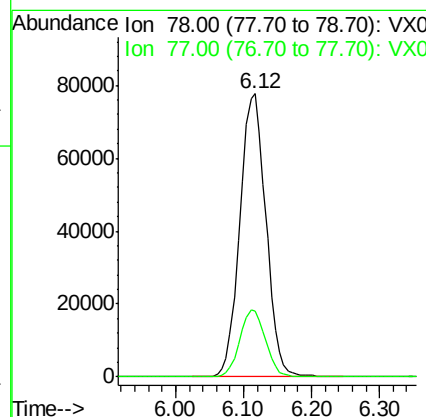
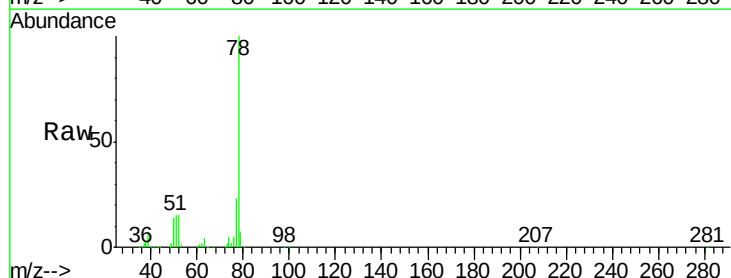
Manual Integrations
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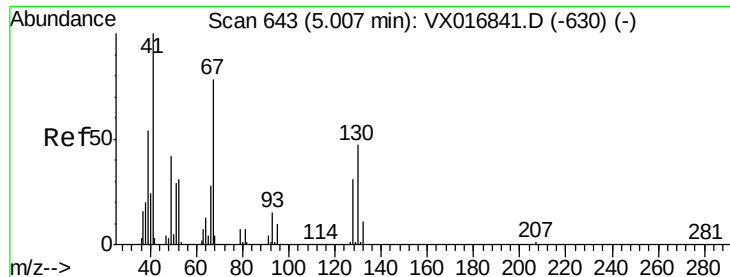
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#40
Benzene
Concen: 20.092 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8





#41

Methacrylonitrile

Concen: 17.883 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

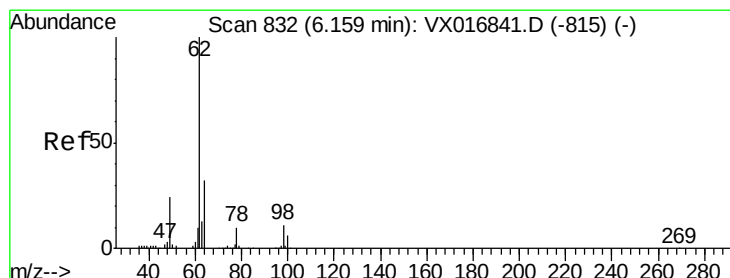
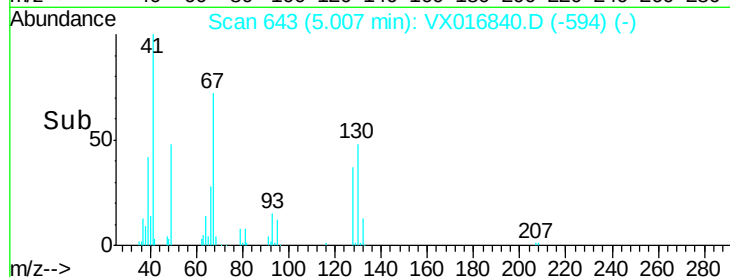
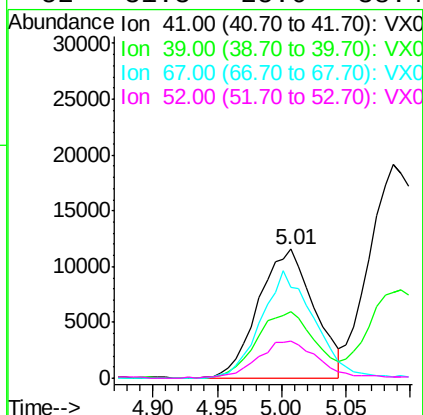
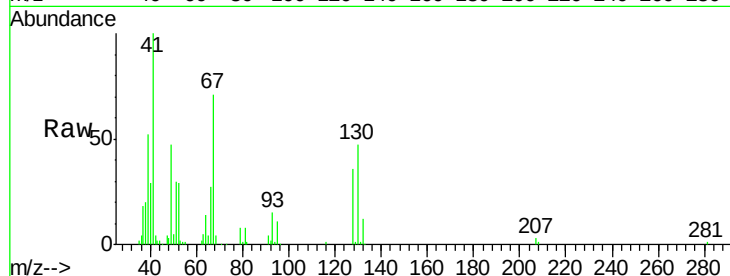
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
34820	41	100		
	39	53.9	42.6	64.0
	67	79.7	64.2	96.2
	52	31.3	25.6	38.4

Manual Integrations
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6/19/2020 12:49:35 PM



#42

1,2-Dichloroethane

Concen: 19.585 ug/l

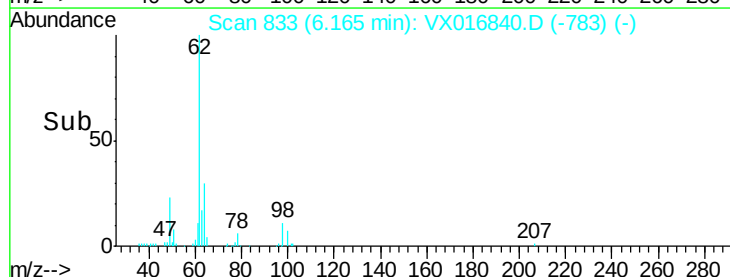
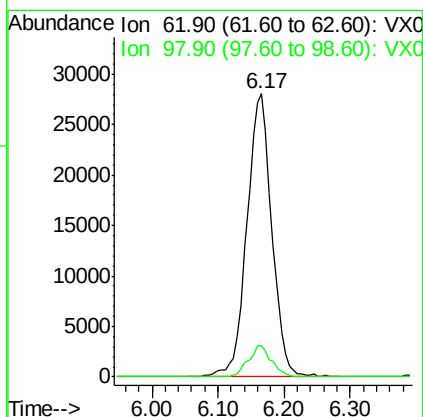
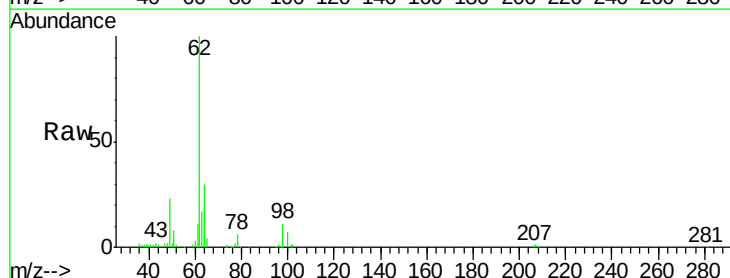
RT: 6.17 min Scan# 833

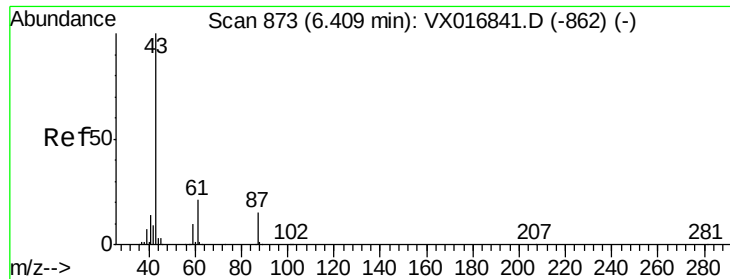
Delta R.T. 0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
73673	62	100		
	98	10.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 17.855 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

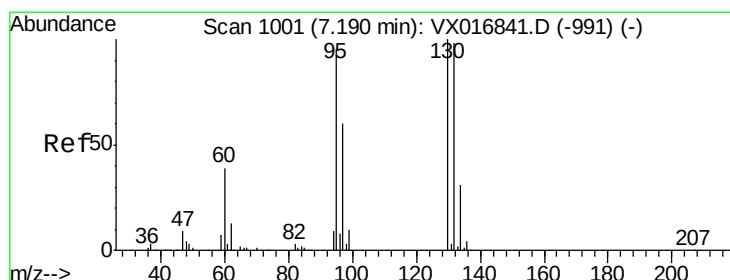
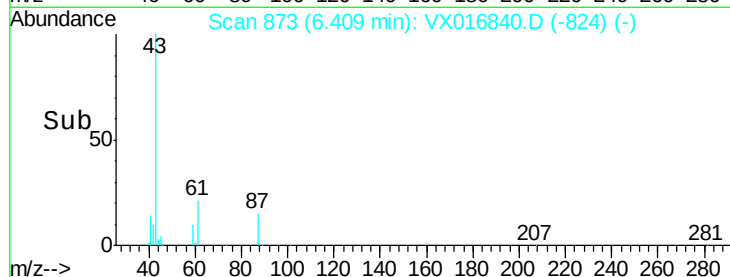
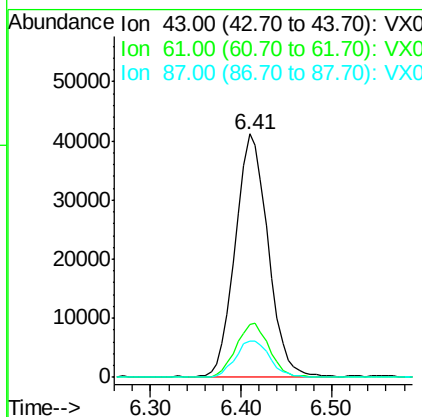
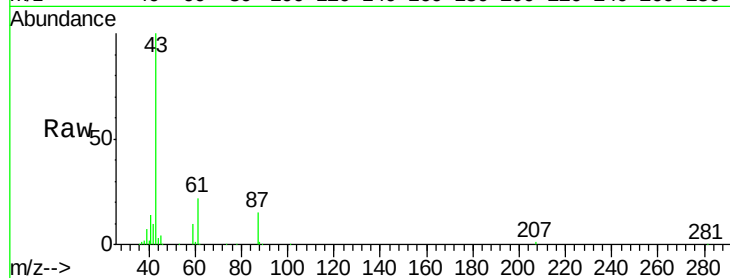
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	103851
Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.9	26.9
87	15.7	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.692 ug/l

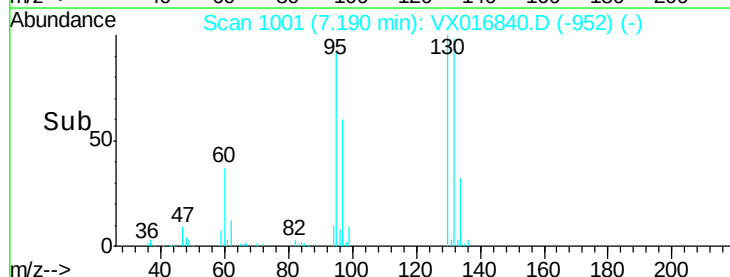
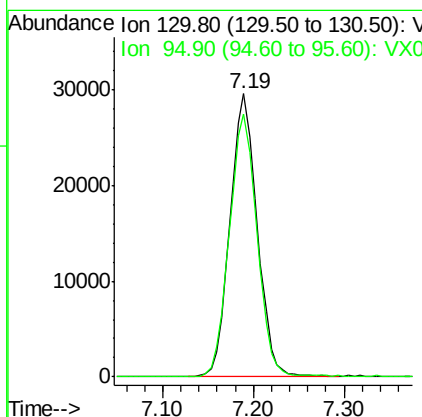
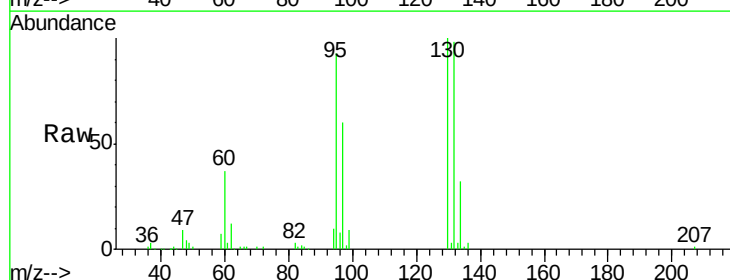
RT: 7.19 min Scan# 1001

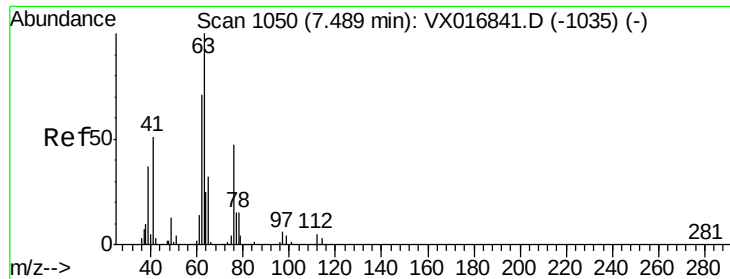
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	130	Resp:	61458
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	190.8





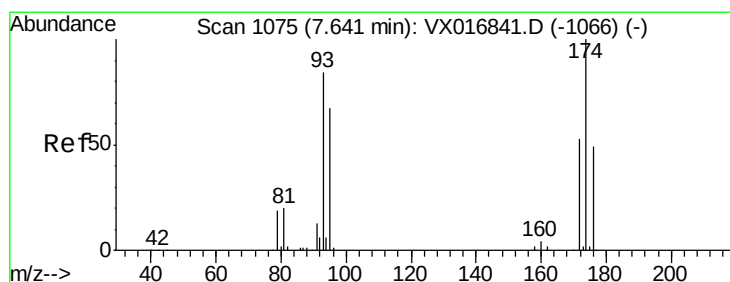
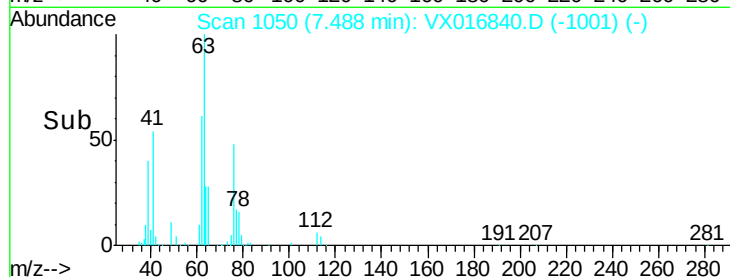
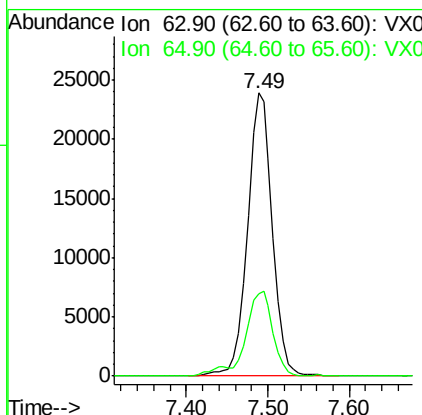
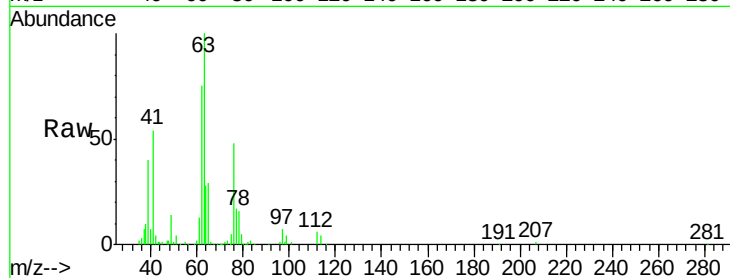
#45
 1,2-Dichloropropane
 Concen: 19.905 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 50649
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.8 38.8

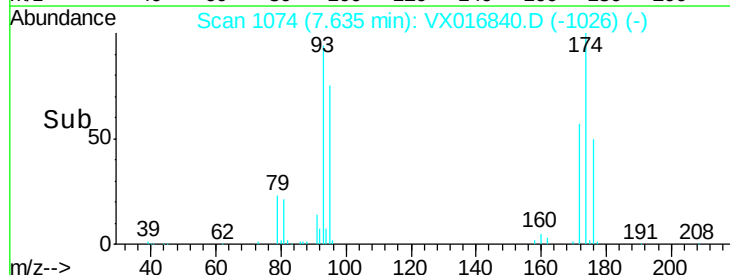
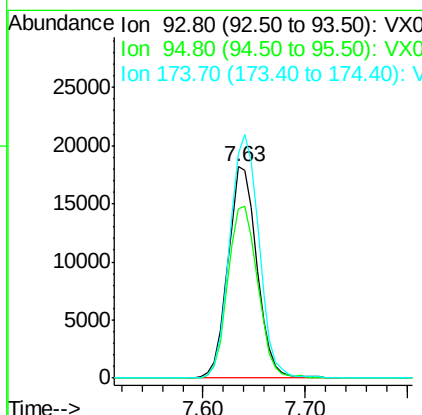
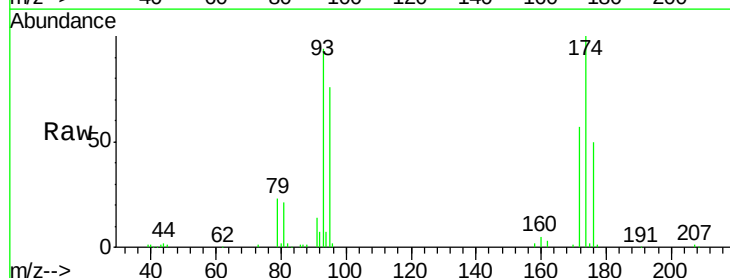
Manual Integrations
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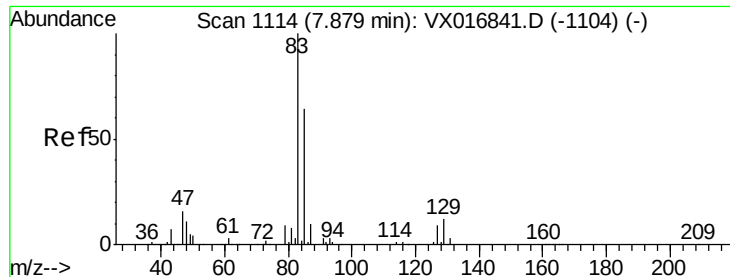
MMDadoda
 6/19/2020 12:49:35 PM



#46
 Dibromomethane
 Concen: 19.281 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion: 93 Resp: 35473
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.7 98.5
 174 116.7 92.8 139.2





#47

Bromodichloromethane

Concen: 21.938 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

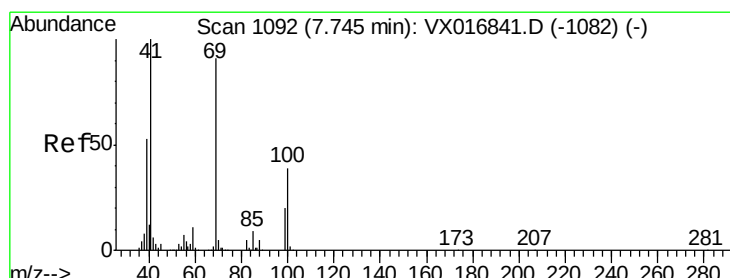
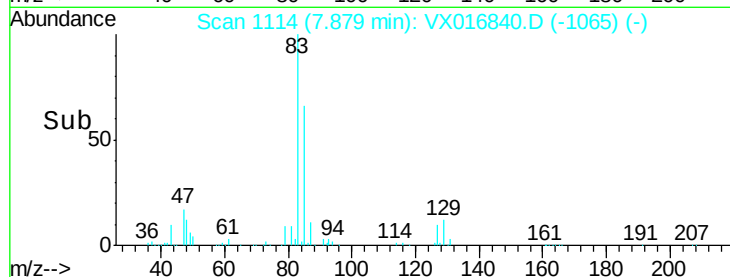
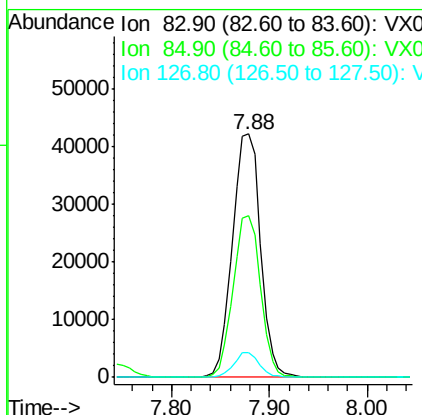
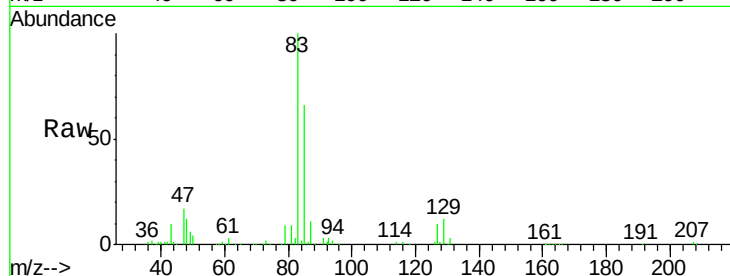
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	84079
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.9	76.3
127	10.1	7.4	11.0

Manual Integrations
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6/19/2020 12:49:35 PM



#48

Methyl methacrylate

Concen: 18.243 ug/l

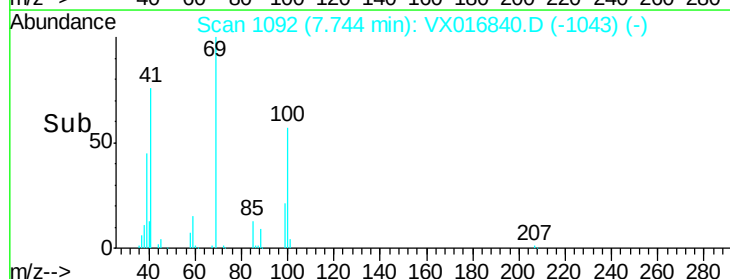
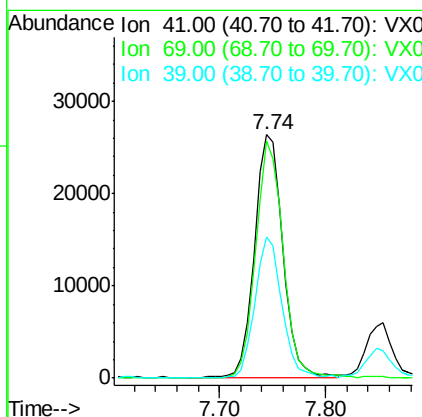
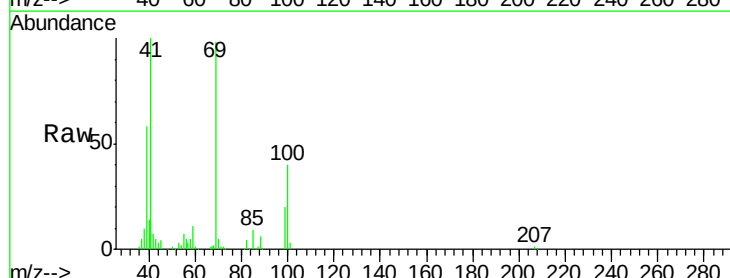
RT: 7.74 min Scan# 1092

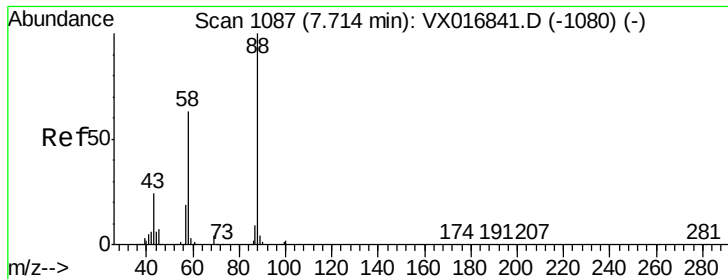
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	41	Resp:	49735
Ion	Ratio	Lower	Upper
41	100		
69	93.9	73.3	109.9
39	55.4	42.4	63.6





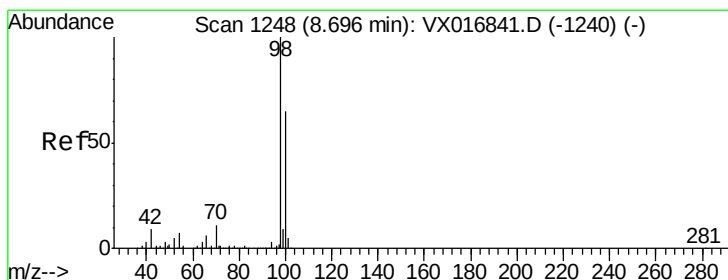
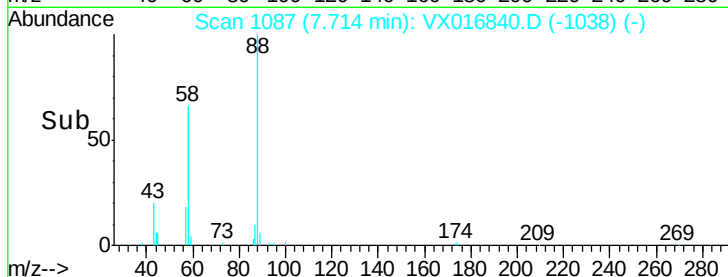
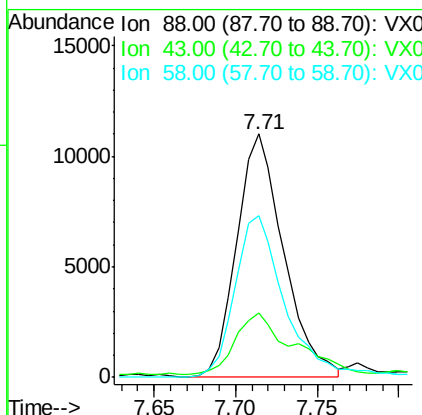
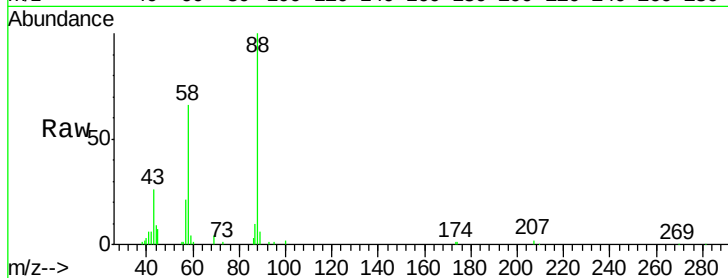
#49
1,4-Dioxane
Concen: 329.971 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	22.7	34.1
58	71.3	53.1	79.7

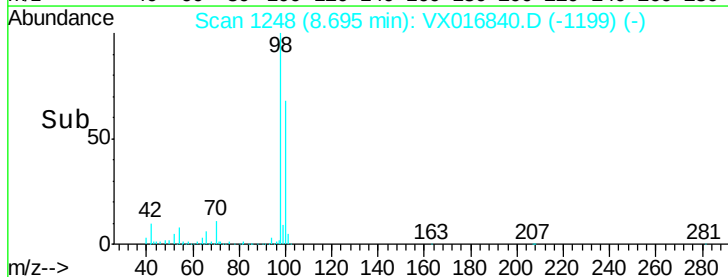
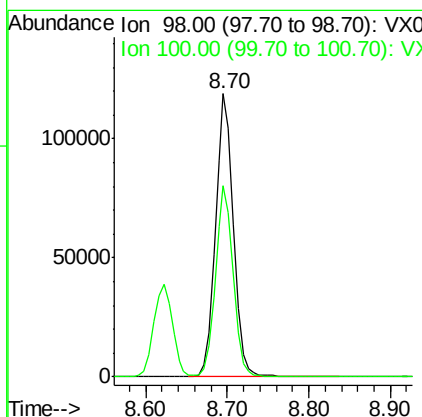
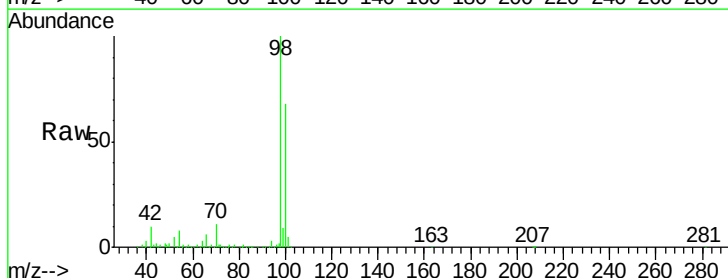
Manual Integrations
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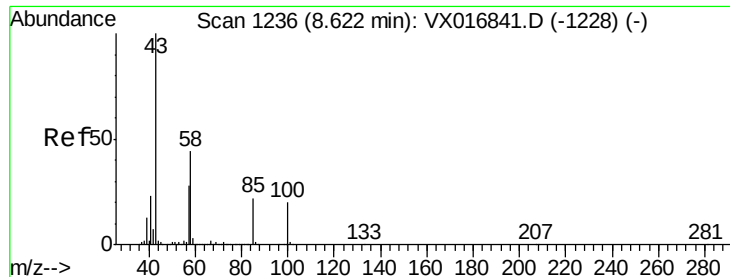
MMDadoda
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#50
Toluene-d8
Concen: 20.760 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	54.0	81.0





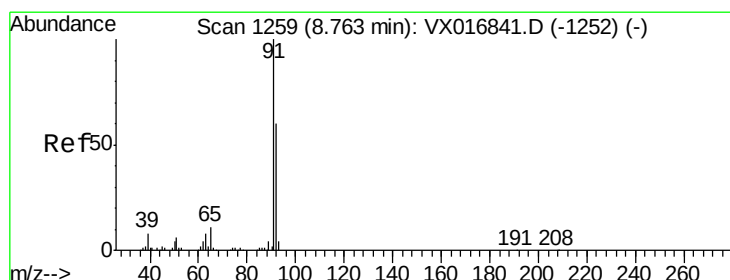
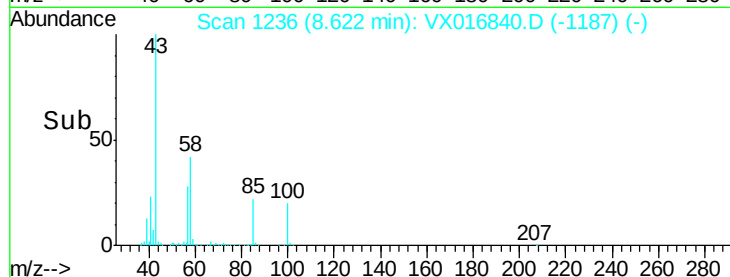
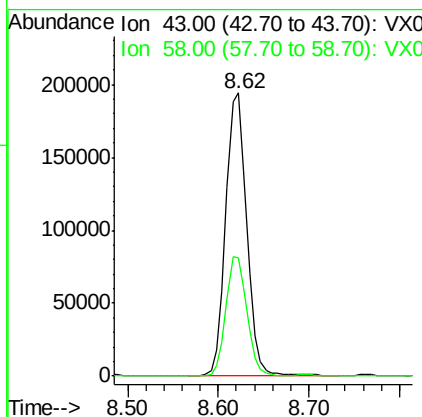
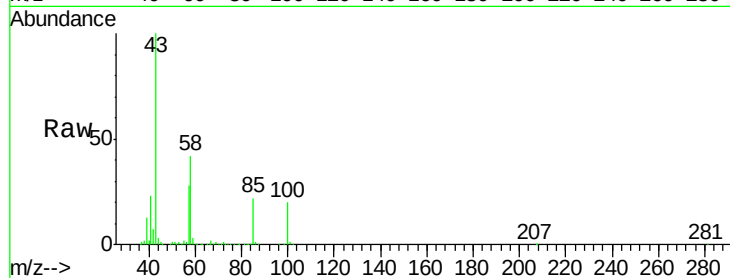
#51
 4-Methyl-2-Pentanone
 Concen: 88.630 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.4	34.3	51.5

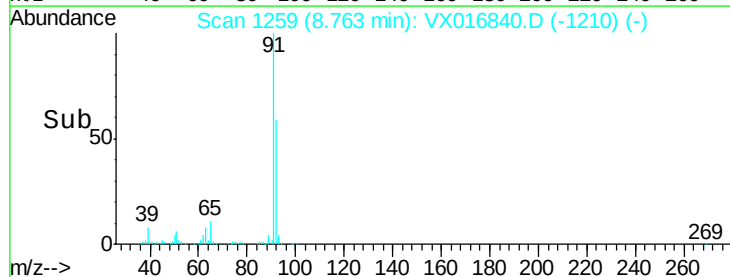
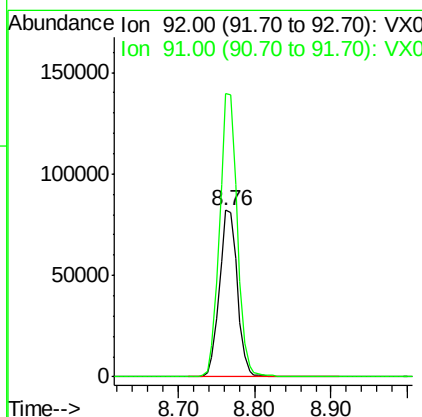
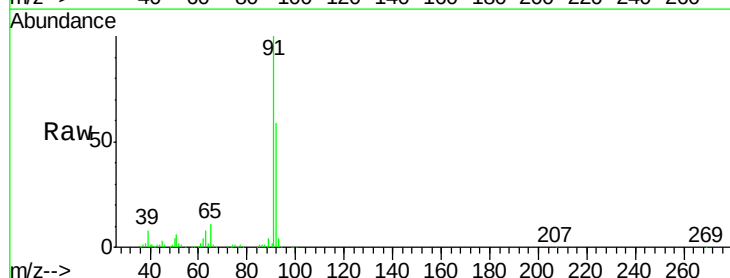
Manual Integrations
 APPROVED

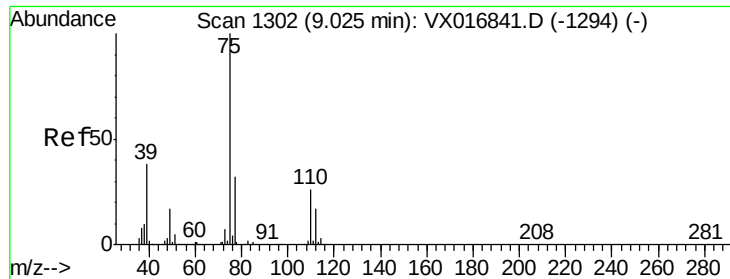
MMDadoda
 6/19/2020 12:49:35 PM



#52
 Toluene
 Concen: 19.879 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.7	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 19.066 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 82321

Ion Ratio Lower Upper

75 100

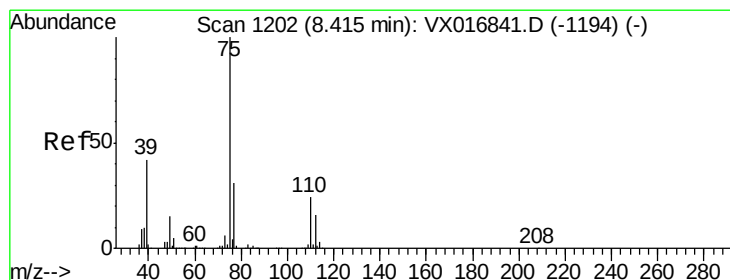
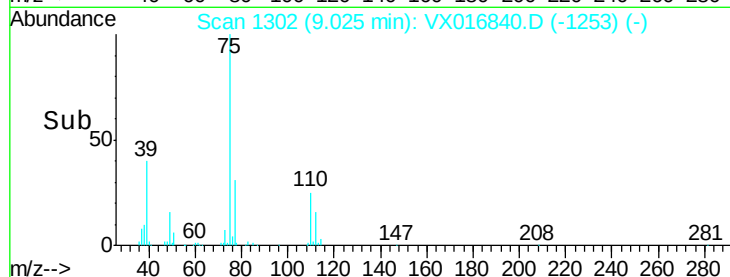
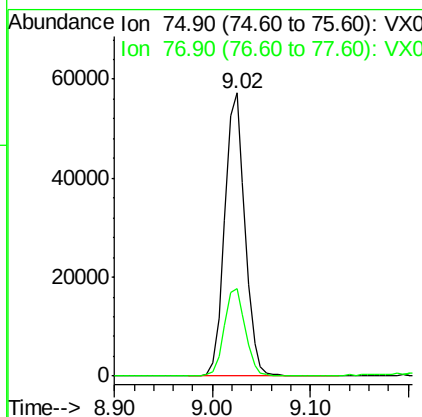
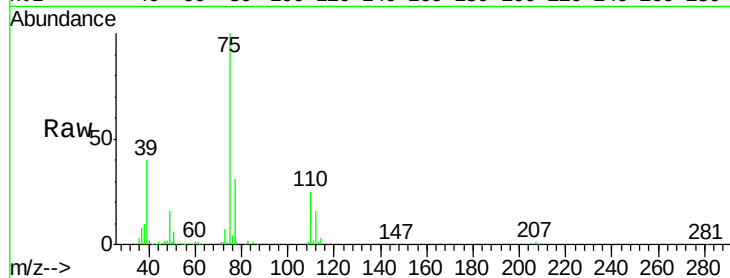
77 31.0 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.085 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

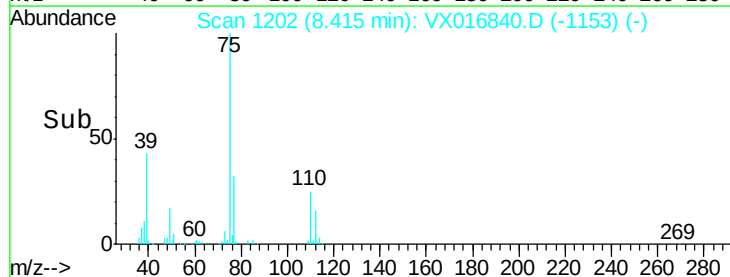
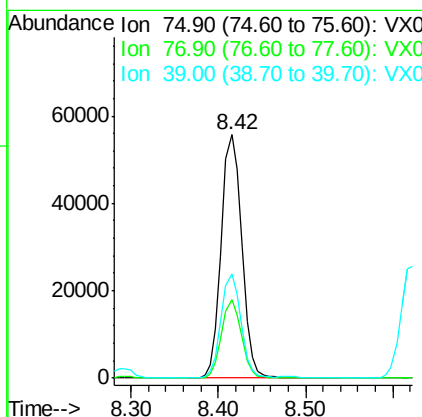
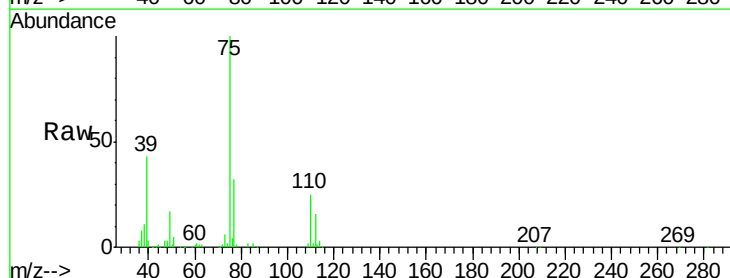
Tgt Ion: 75 Resp: 90795

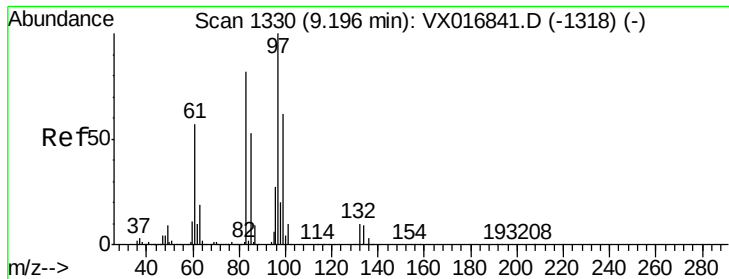
Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 42.6 33.4 50.0





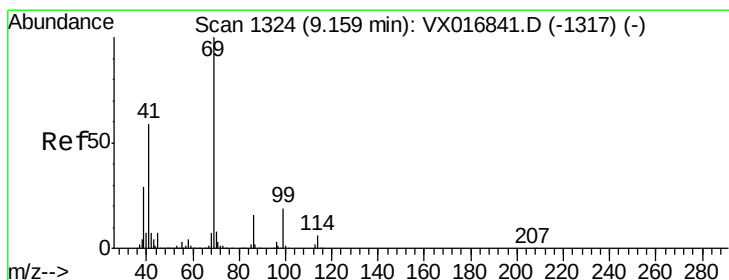
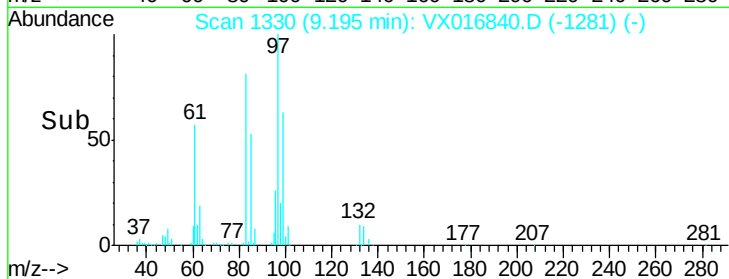
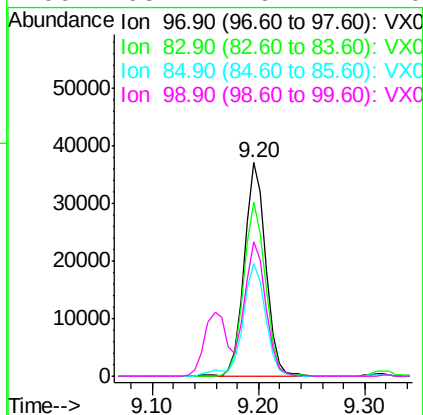
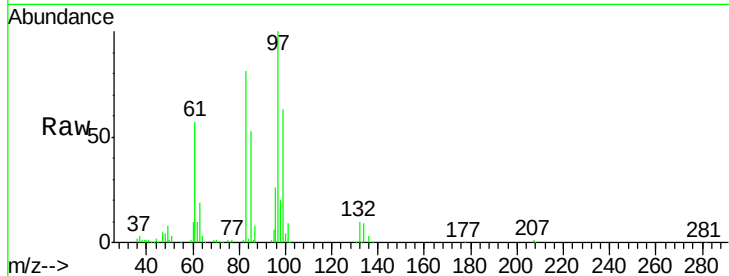
#55
 1,1,2-Trichloroethane
 Concen: 19.431 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	52918
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.5	98.3
85	52.8	42.6	63.8
99	63.2	49.4	74.0

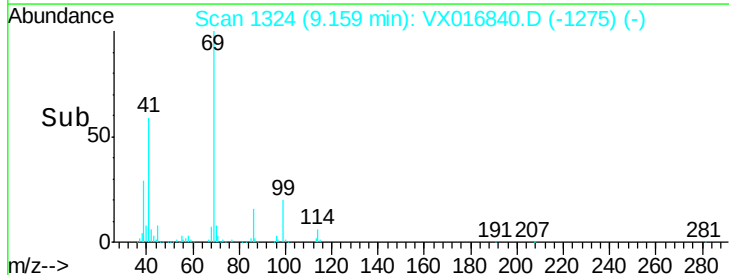
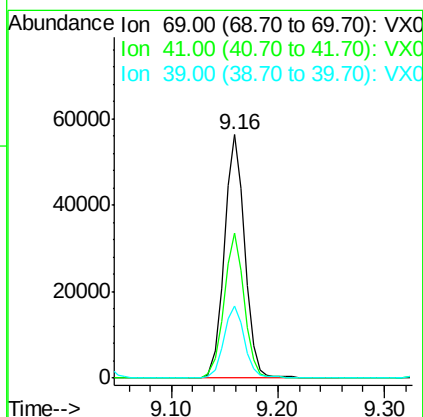
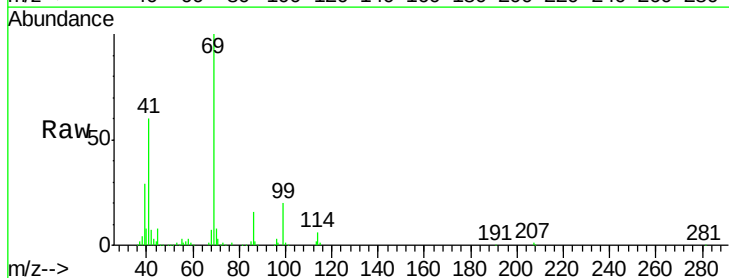
Manual Integrations
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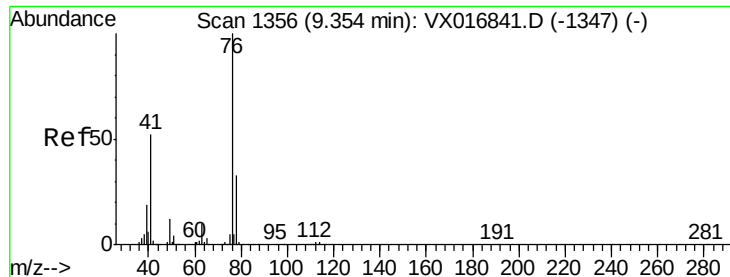
MMDadoda
 6/19/2020 12:49:35 PM



#56
 Ethyl methacrylate
 Concen: 18.445 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion:	69	Resp:	75401
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.9	71.9
39	30.4	24.2	36.4





#57

1,3-Dichloropropane

Concen: 18.991 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 87181

Ion Ratio Lower Upper

76 100

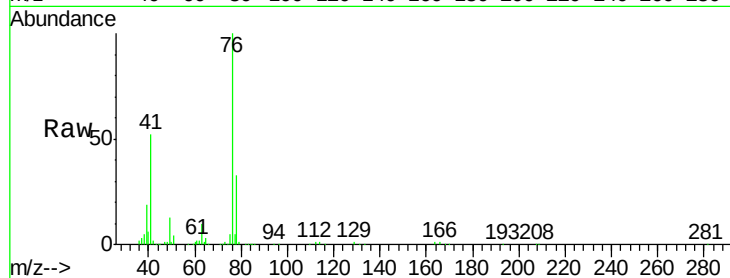
78 33.6 25.8 38.6

Manual Integrations

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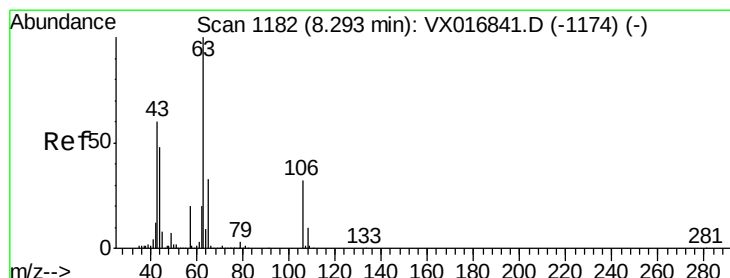
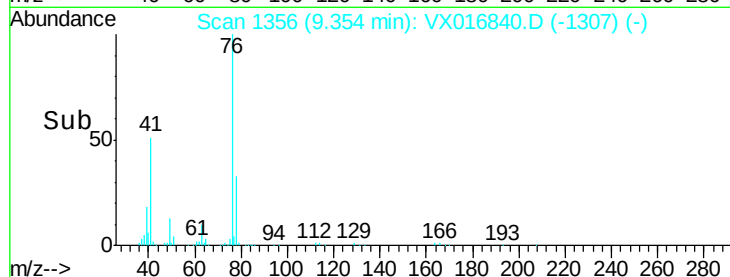
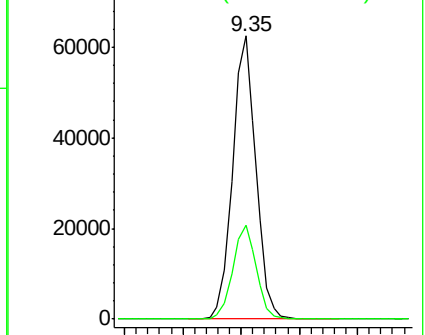
MMDadoda

6/19/2020 12:49:35 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.451 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016840.D

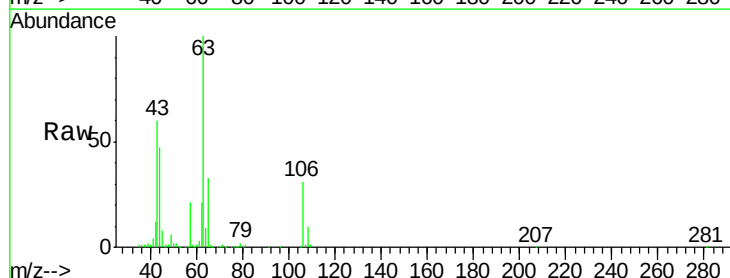
Acq: 18 Jun 2020 11:24

Tgt Ion: 63 Resp: 197397

Ion Ratio Lower Upper

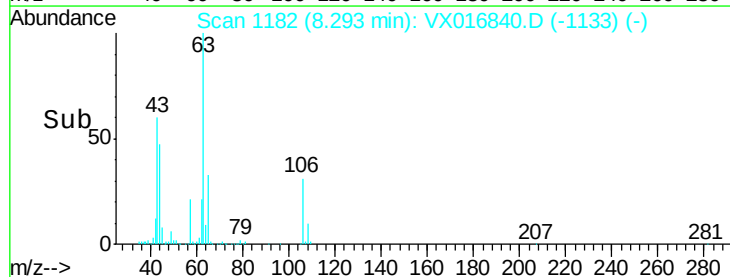
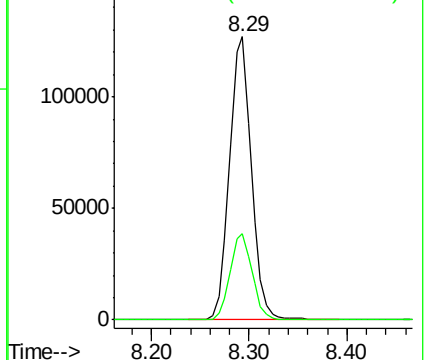
63 100

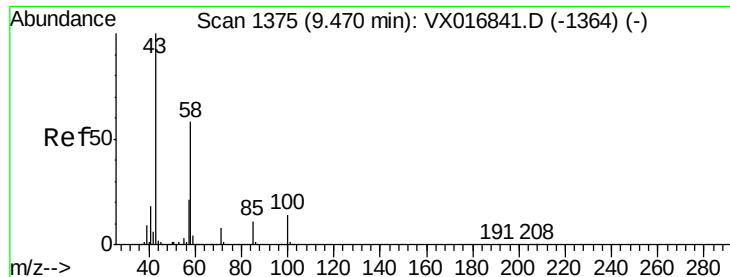
106 30.8 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





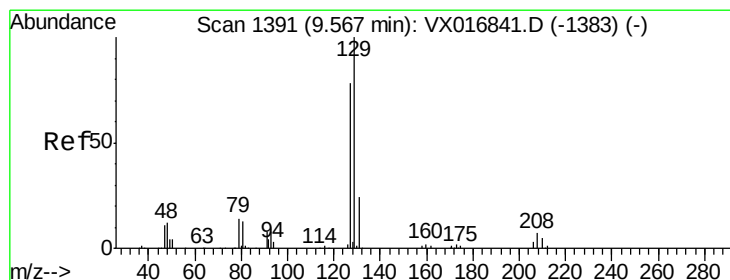
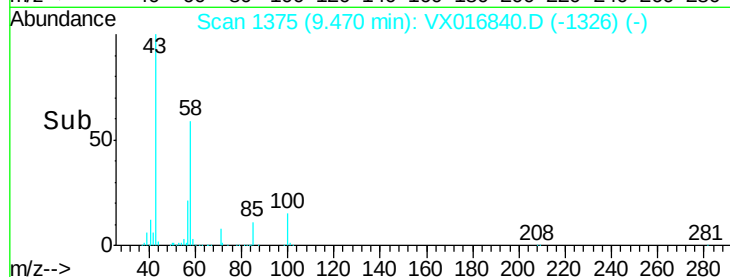
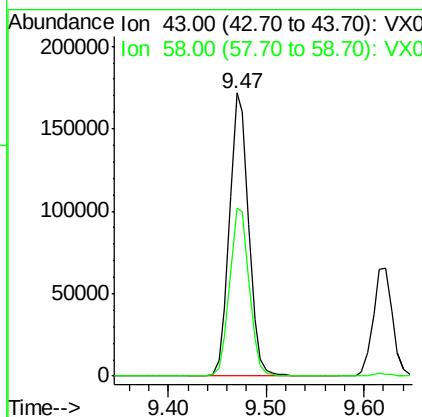
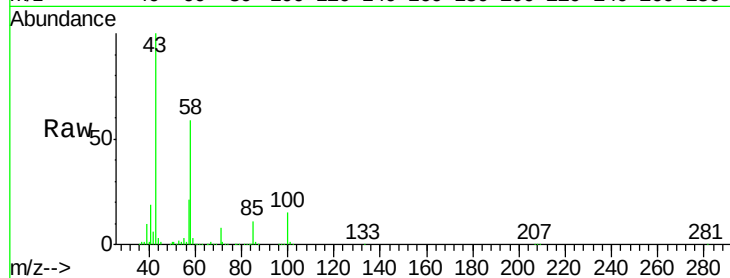
#59
2-Hexanone
Concen: 86.091 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.9	29.8	89.4

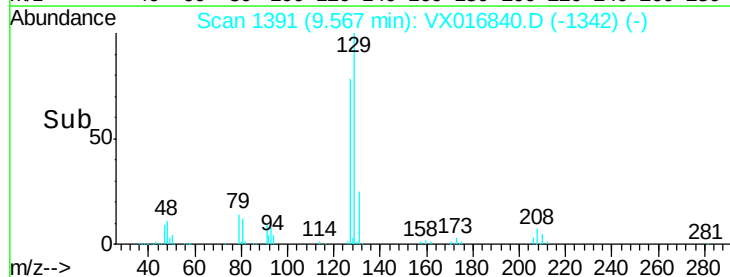
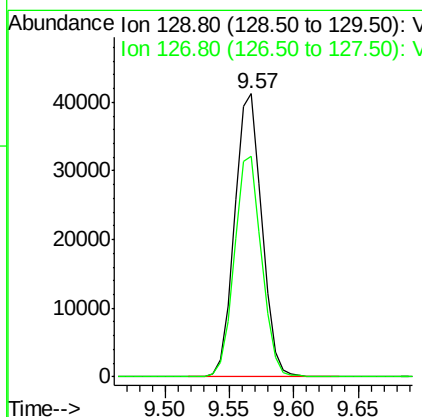
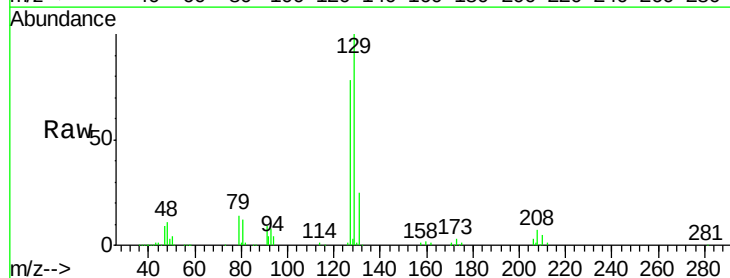
Manual Integrations
APPROVED

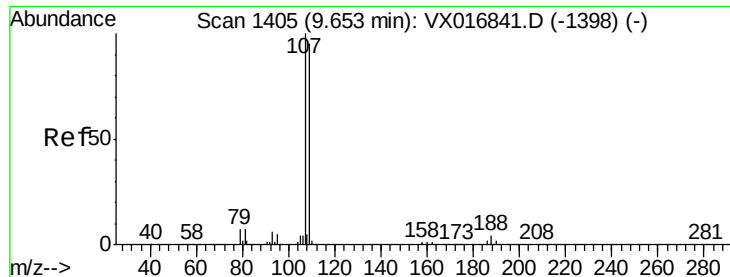
MMDadoda
6/19/2020 12:49:35 PM



#60
Dibromochloromethane
Concen: 18.812 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.263 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 56550

Ion Ratio Lower Upper

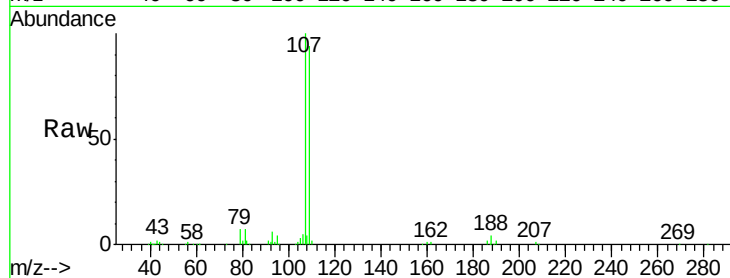
107 100

109 93.1 75.4 113.0

Manual Integrations
APPROVED

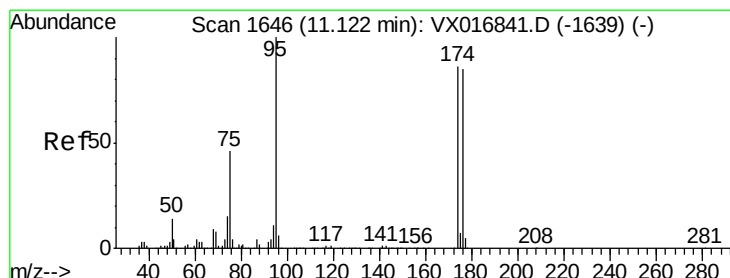
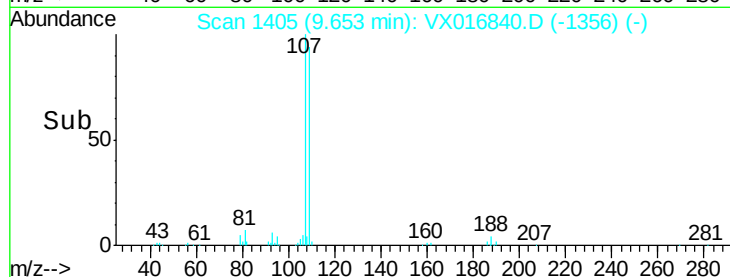
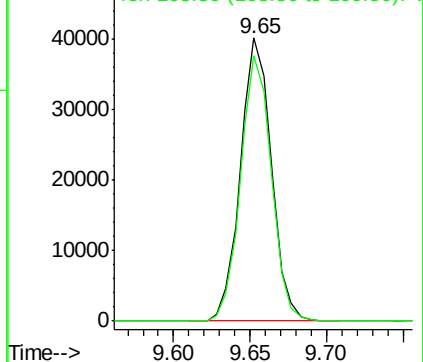
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 25.068 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

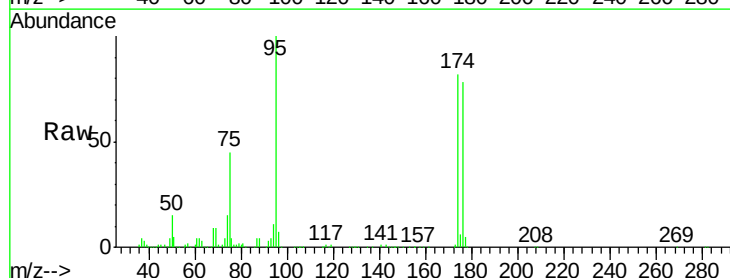
Tgt Ion: 95 Resp: 84607

Ion Ratio Lower Upper

95 100

174 84.4 0.0 174.2

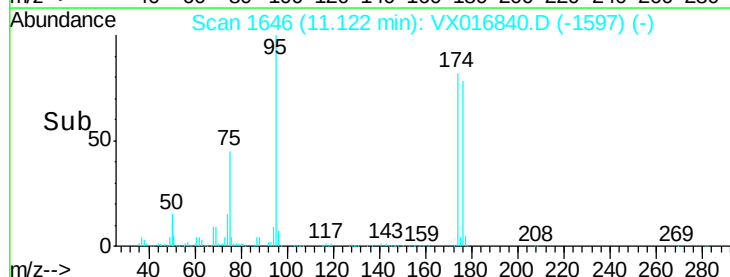
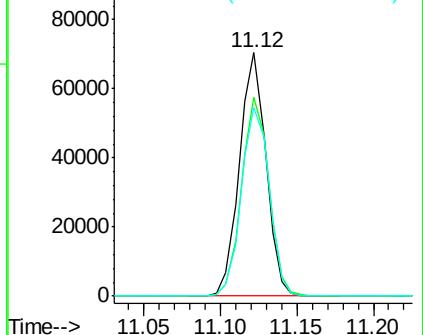
176 81.5 0.0 170.0

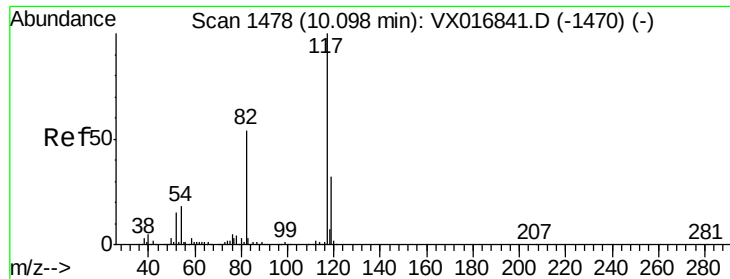


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





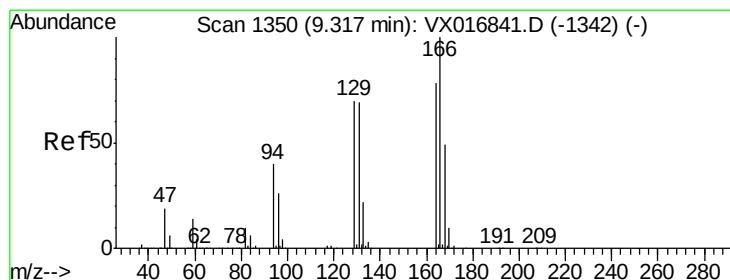
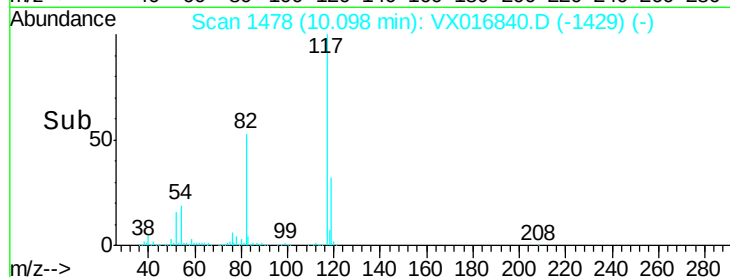
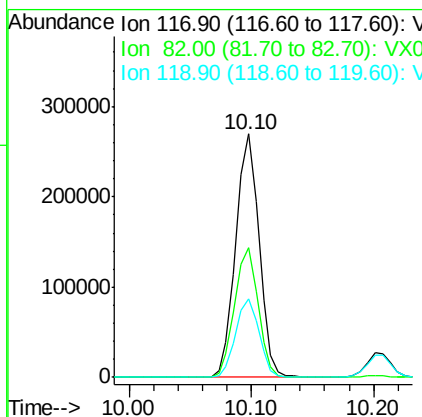
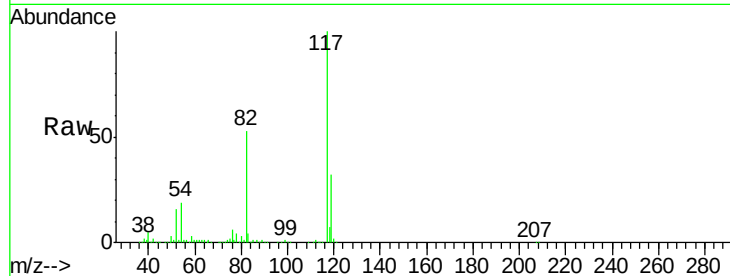
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	355775		
82	53.2		43.4	65.0
119	32.3		25.7	38.5

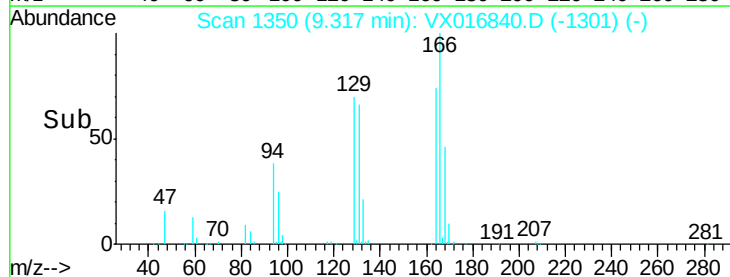
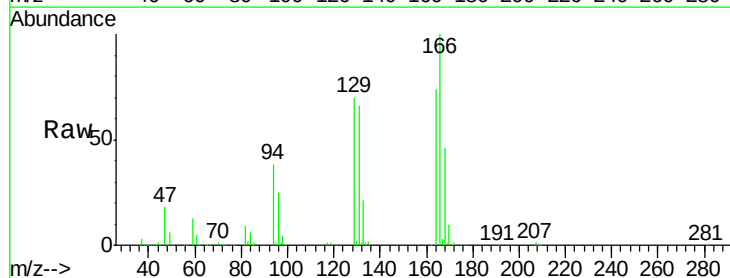
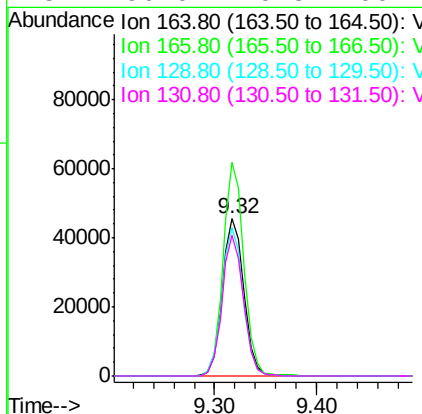
Manual Integrations
APPROVED

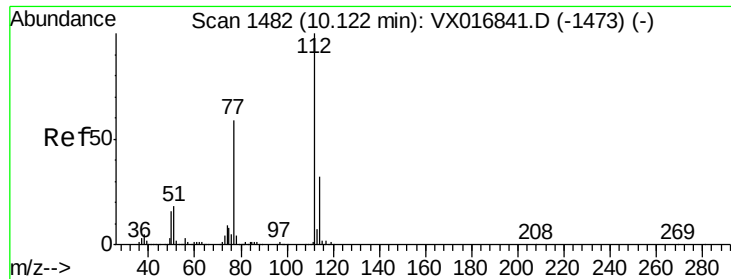
MMDadoda
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#64
Tetrachloroethene
Concen: 19.709 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66525		
166	136.0		102.6	153.8
129	94.6		72.2	108.2
131	90.0		70.8	106.2





#65

Chlorobenzene

Concen: 20.002 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 143963

Ion Ratio Lower Upper

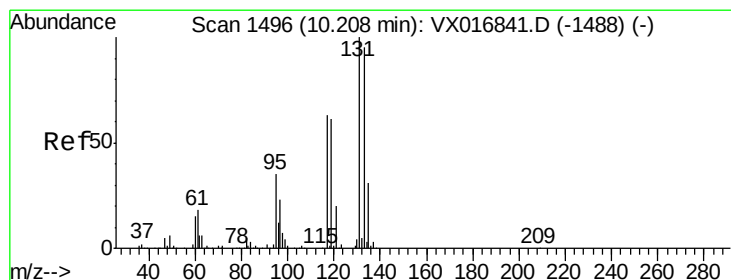
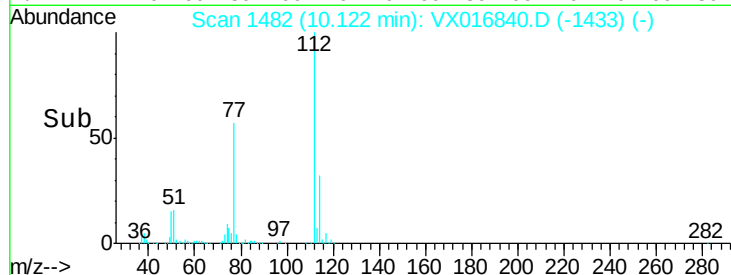
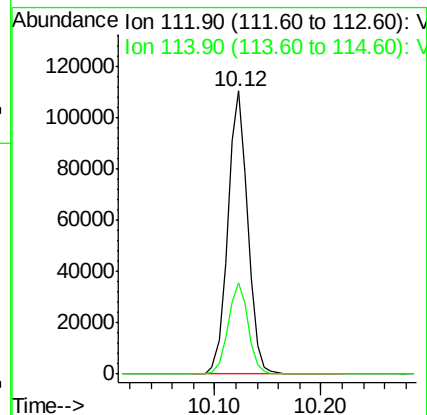
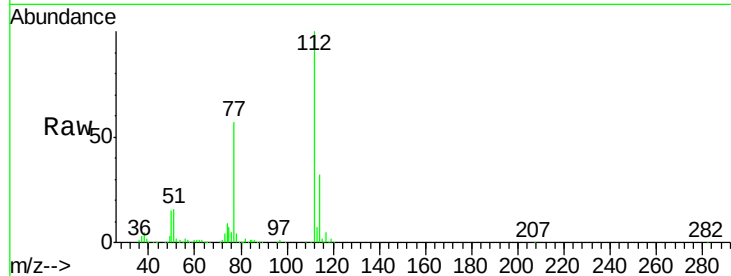
112 100

114 32.2 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.792 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

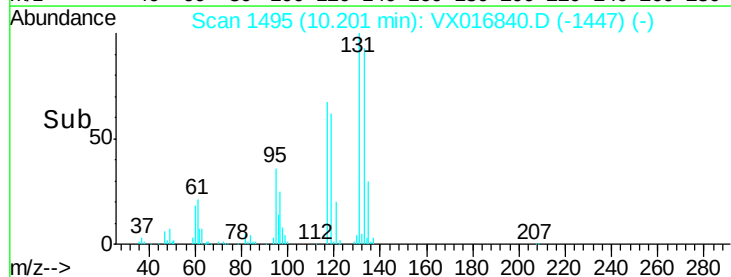
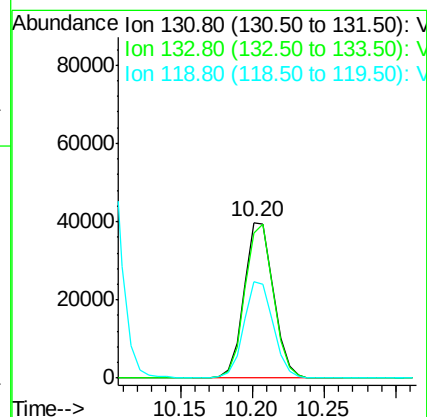
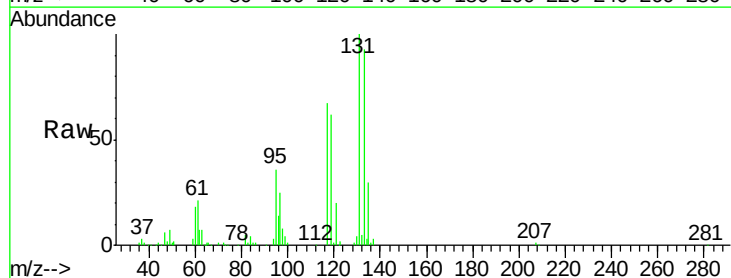
Tgt Ion:131 Resp: 56171

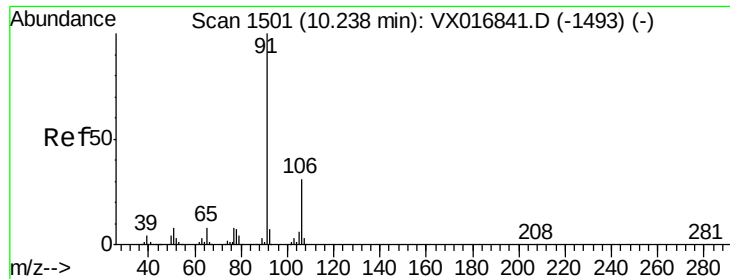
Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

119 61.9 30.8 92.4





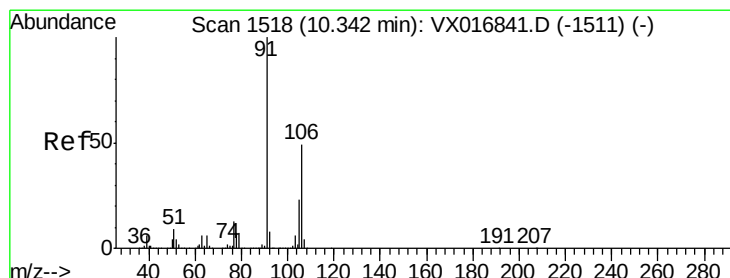
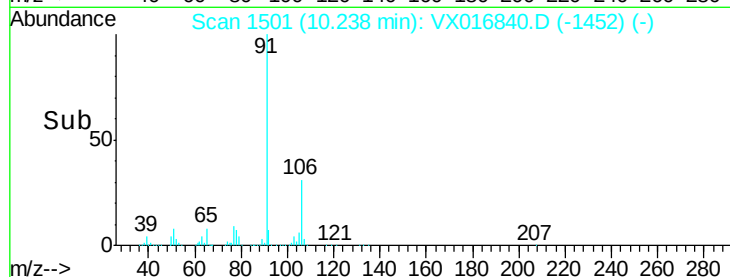
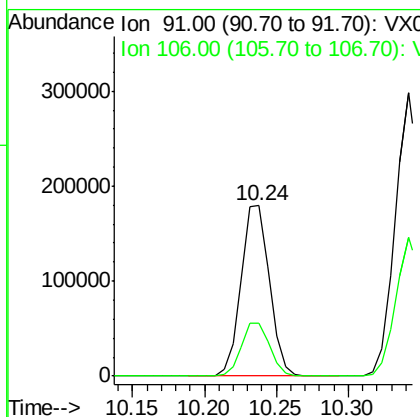
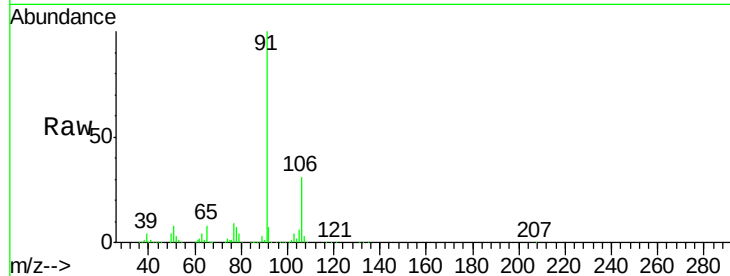
#67
Ethyl Benzene
Concen: 20.381 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 245710
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7

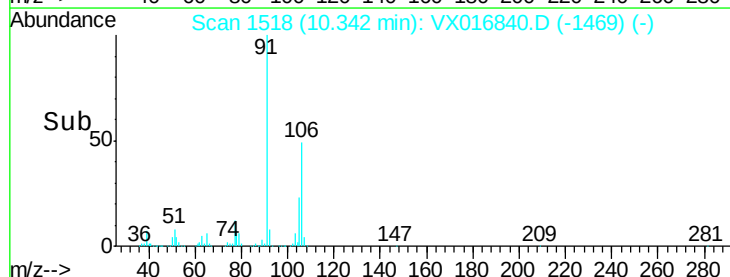
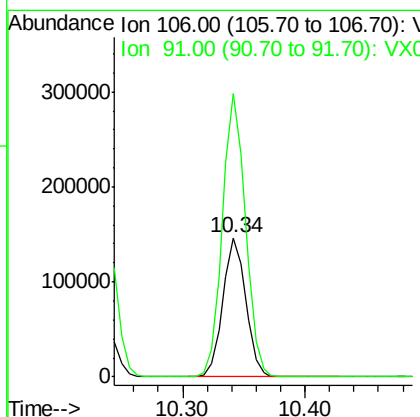
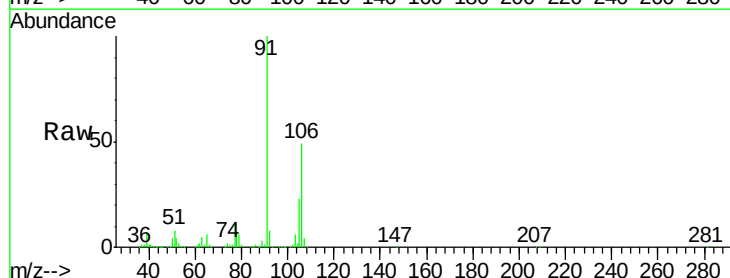
Manual Integrations
APPROVED

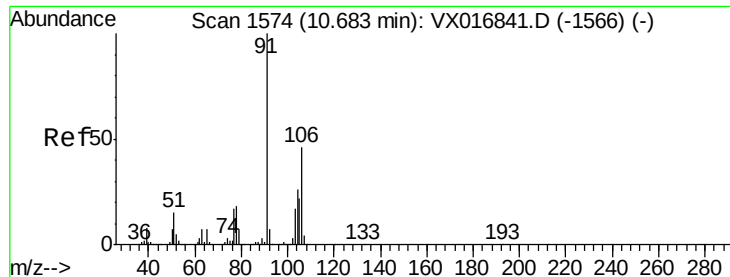
MMDadoda
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#68
m/p-Xylenes
Concen: 41.921 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion: 106 Resp: 190961
Ion Ratio Lower Upper
106 100
91 203.7 161.5 242.3





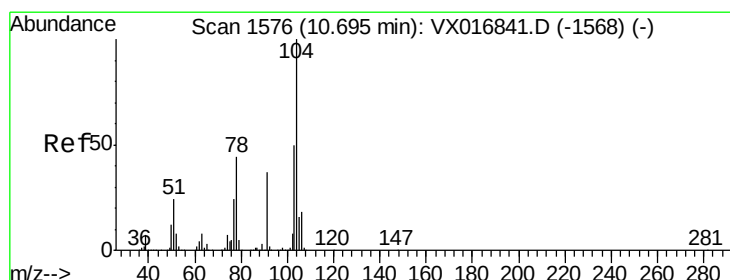
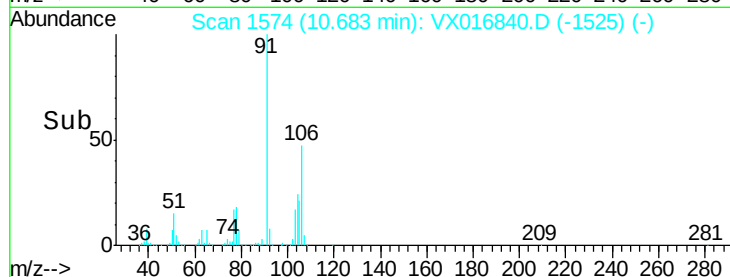
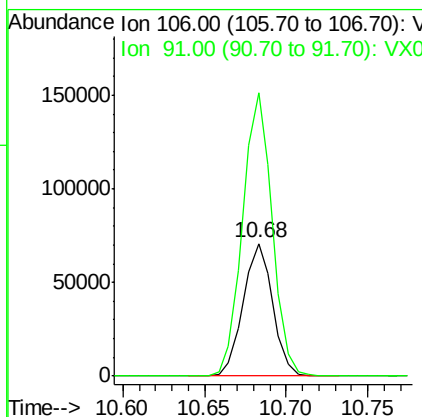
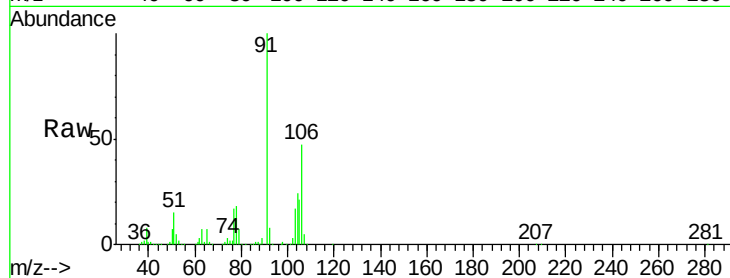
#69
o-Xylene
Concen: 20.356 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.6	107.9	323.7	

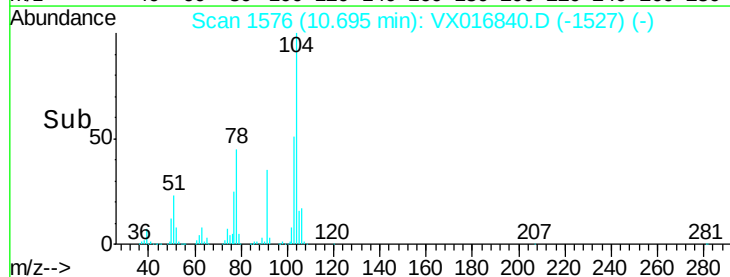
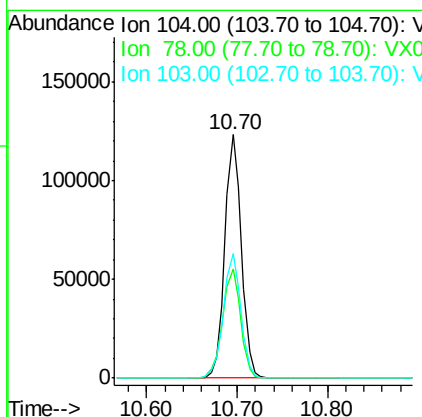
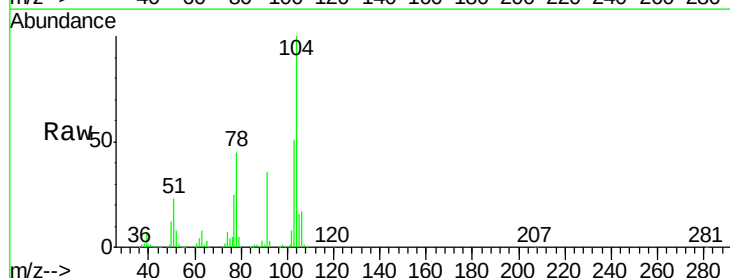
Manual Integrations
APPROVED

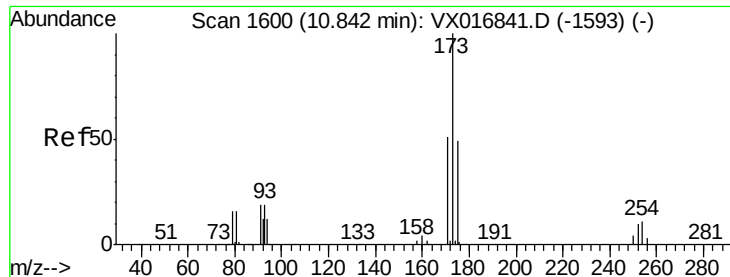
MMDadoda
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#70
Styrene
Concen: 20.662 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.1	39.6	59.4	
103	54.3	43.3	64.9	





#71

Bromoform

Concen: 19.873 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 47832

Ion Ratio Lower Upper

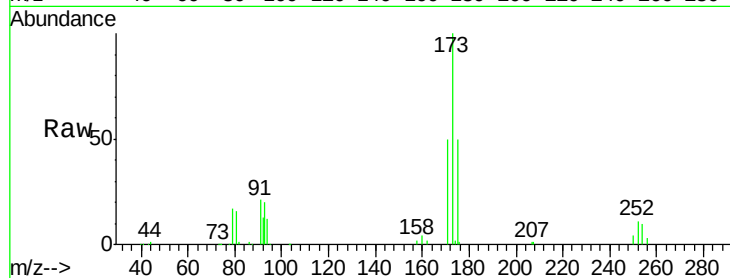
173 100

175 49.0 24.3 73.0

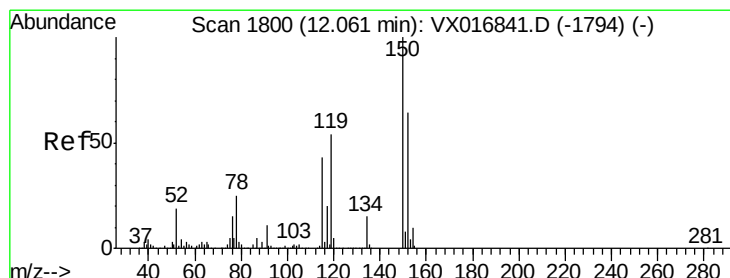
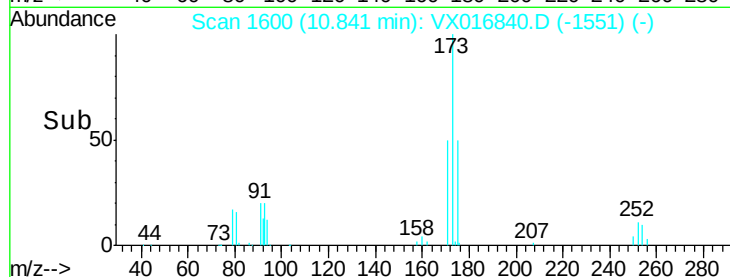
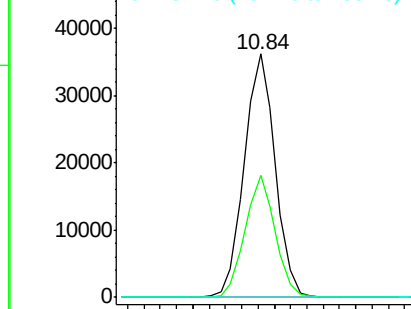
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

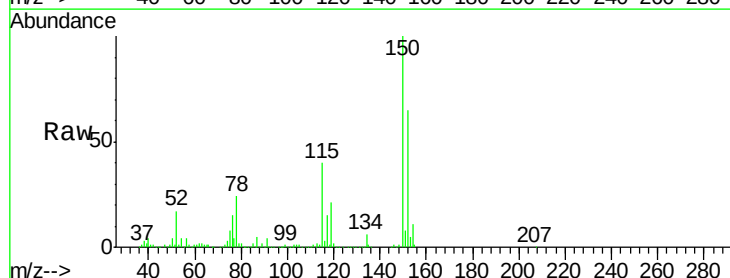
Tgt Ion:152 Resp: 190177

Ion Ratio Lower Upper

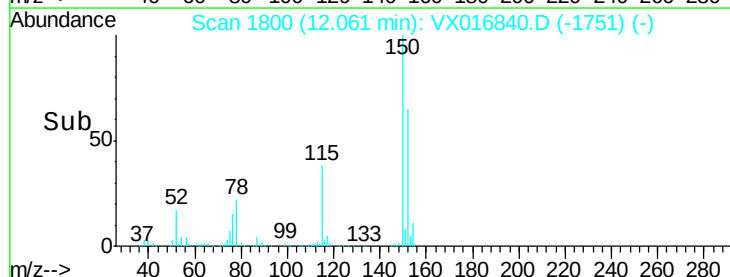
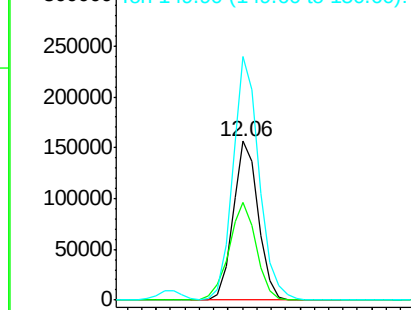
152 100

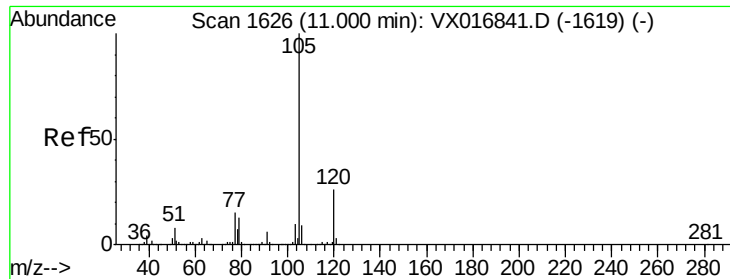
115 67.1 40.9 122.8

150 160.6 0.0 344.2



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





#73

Isopropylbenzene

Concen: 23.948 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 105 Resp: 299177

Ion Ratio Lower Upper

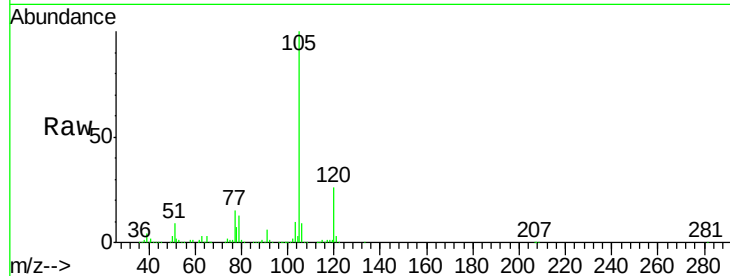
105 100

120 26.5 13.2 39.6

Manual Integrations
APPROVED

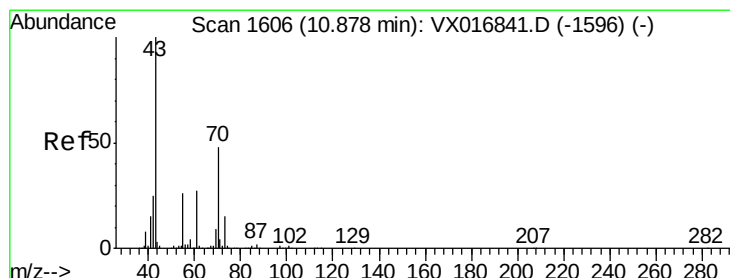
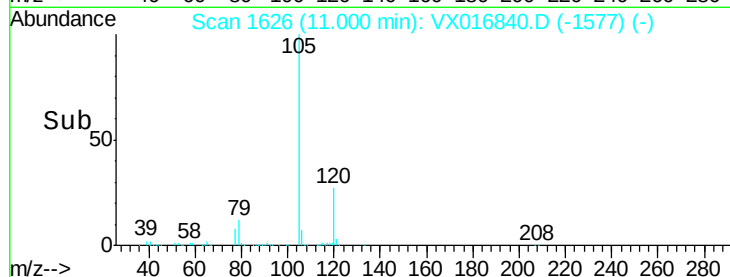
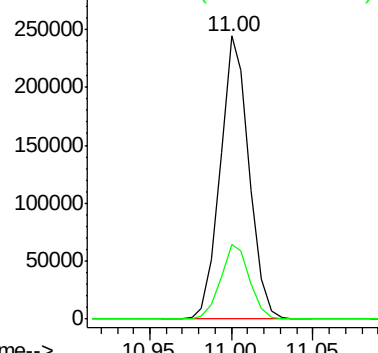
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.301 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion: 43 Resp: 87813

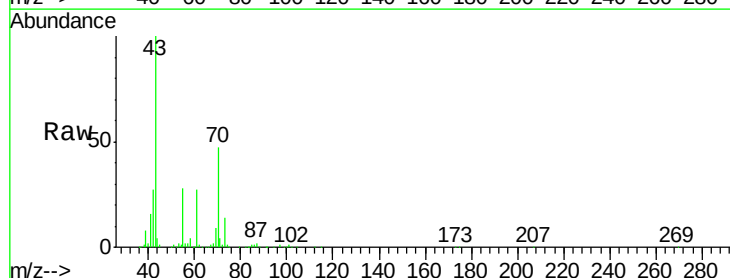
Ion Ratio Lower Upper

43 100

70 48.6 39.9 59.9

55 27.2 21.8 32.6

61 27.0 22.2 33.4

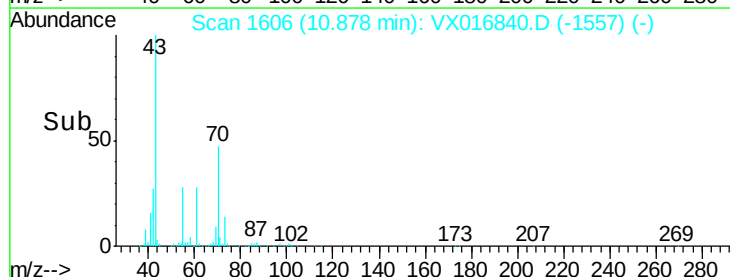
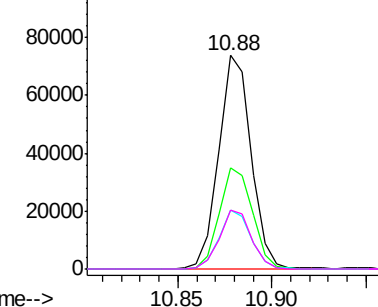


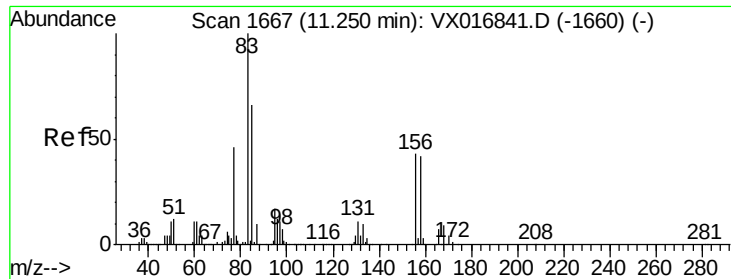
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.496 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

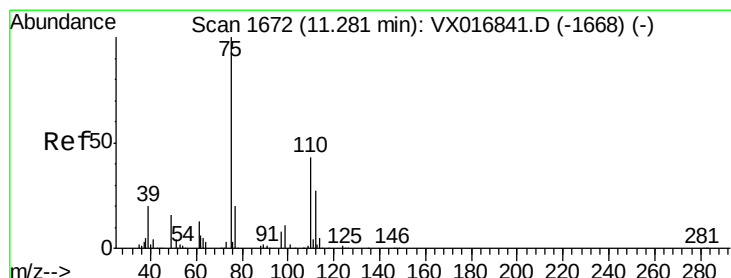
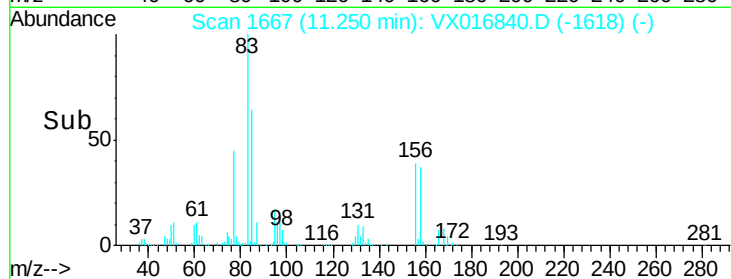
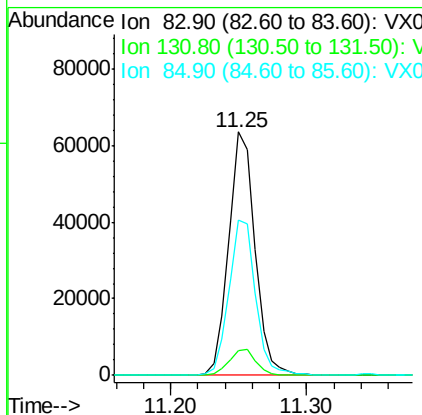
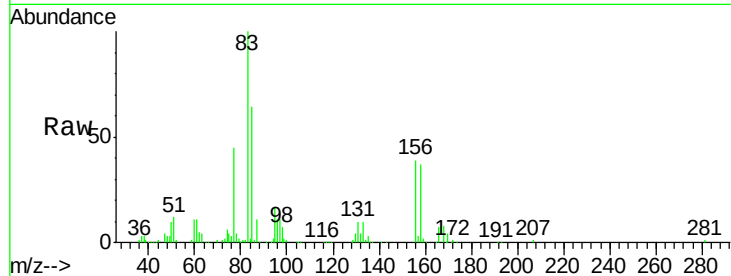
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	85924
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.1
85	64.5	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.848 ug/l m

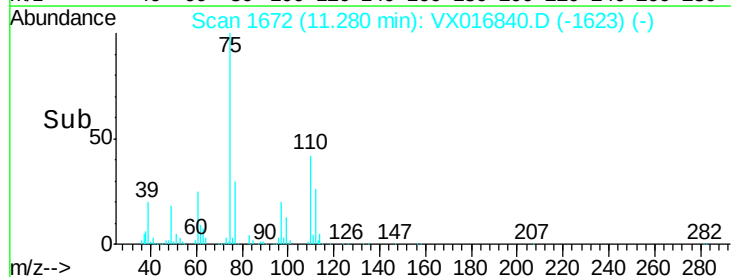
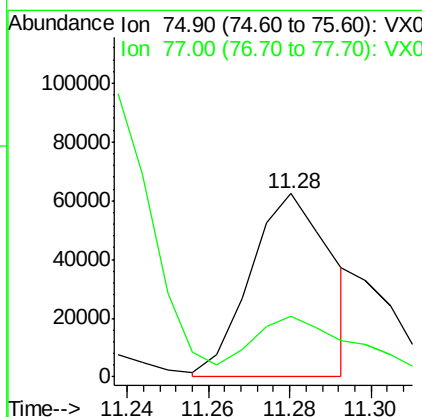
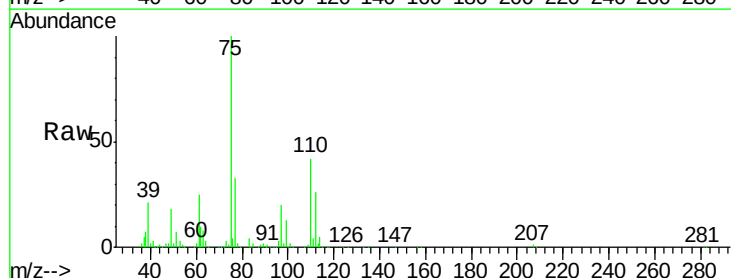
RT: 11.28 min Scan# 1672

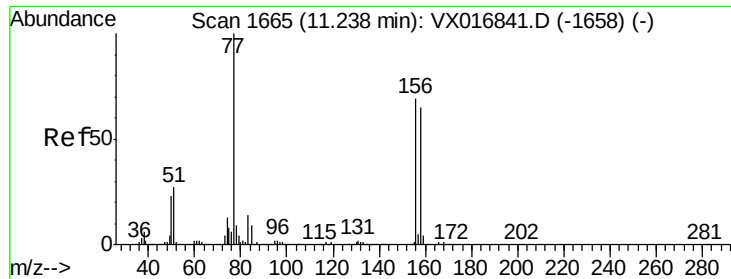
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion:	75	Resp:	86299
Ion Ratio	Lower	Upper	
75	100		
77	42.1	20.5	61.5





#77

Bromobenzene

Concen: 22.504 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

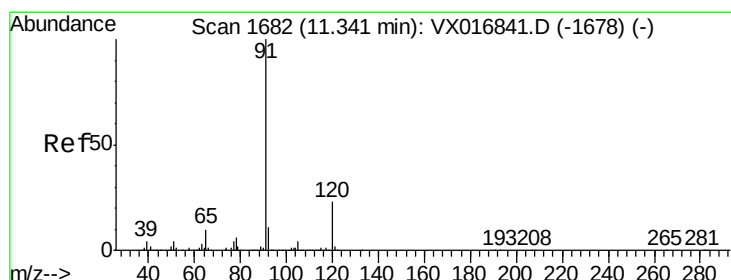
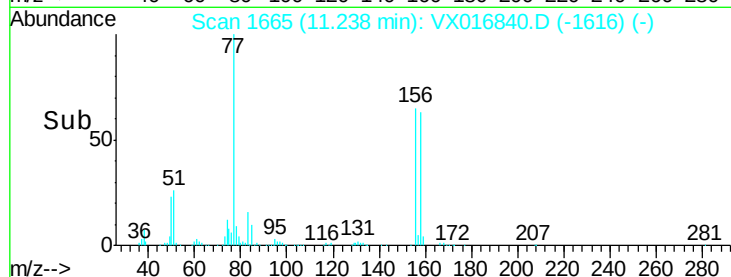
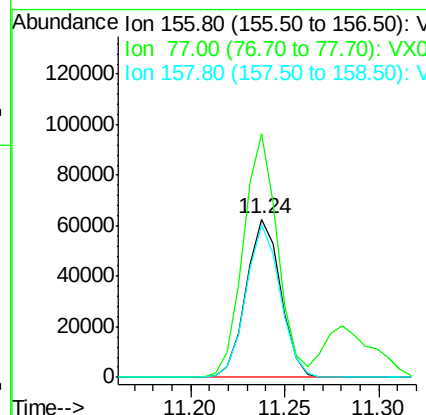
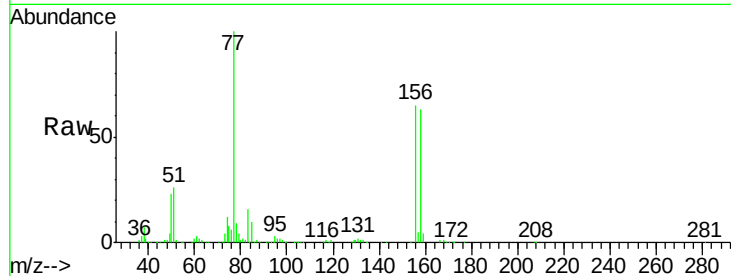
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		79413		
77	153.0		73.4	220.2	
158	95.7		48.8	146.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 23.330 ug/l

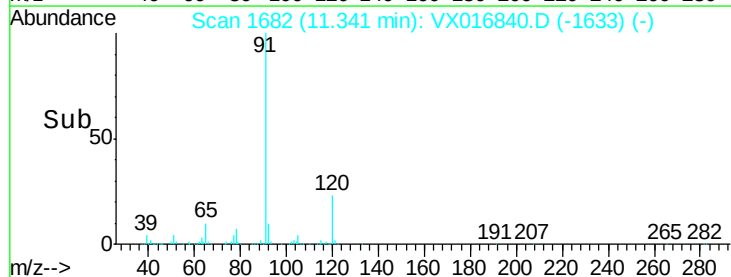
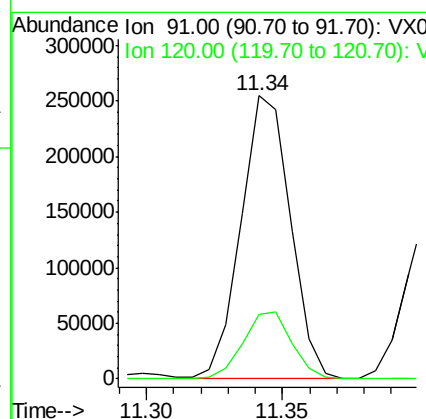
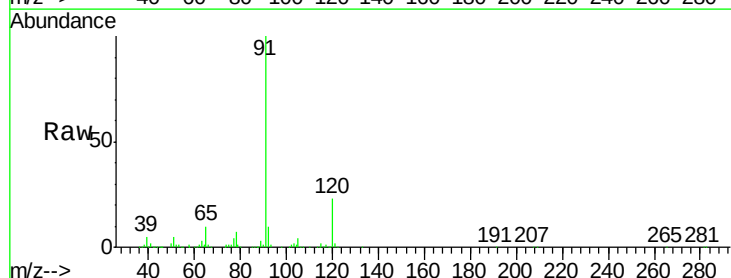
RT: 11.34 min Scan# 1682

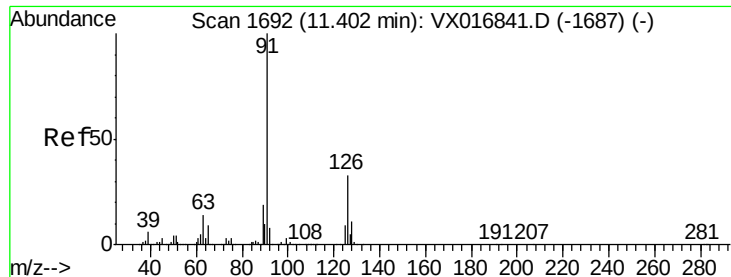
Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		318226		
120	23.5		11.9	35.5	





#79

2-Chlorotoluene

Concen: 21.948 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 188918

Ion Ratio Lower Upper

91 100

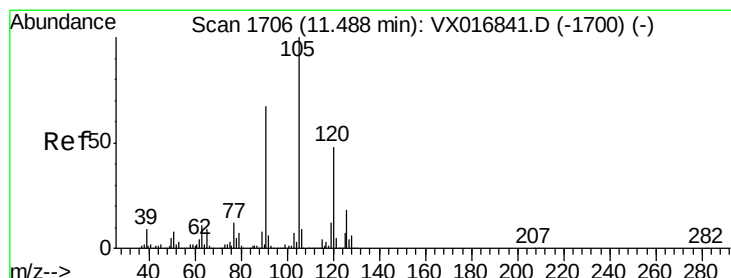
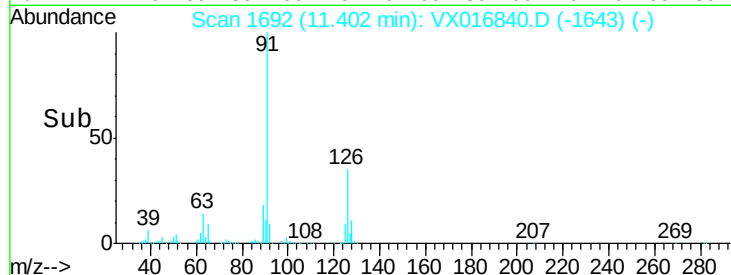
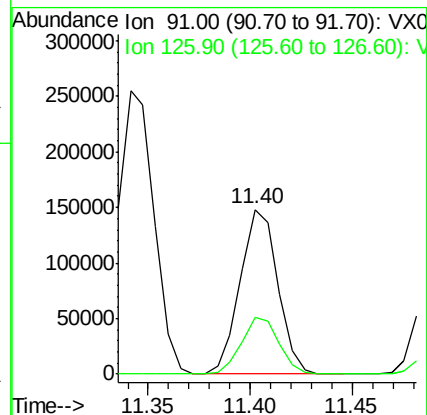
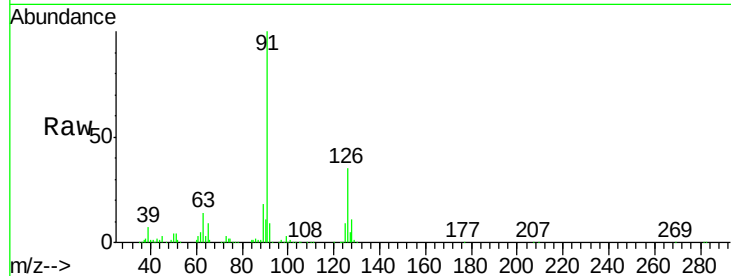
126 34.5 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 23.435 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016840.D

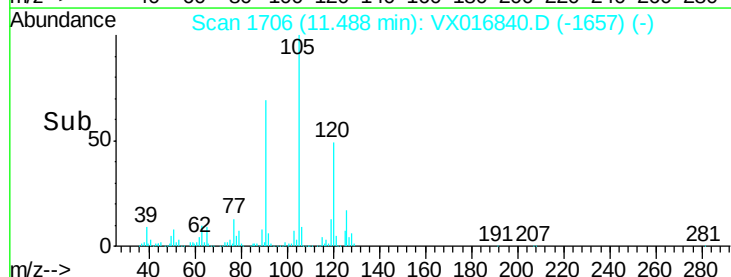
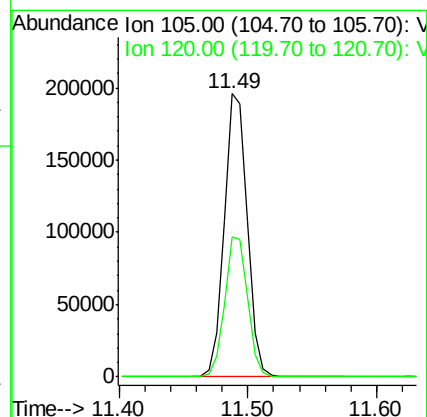
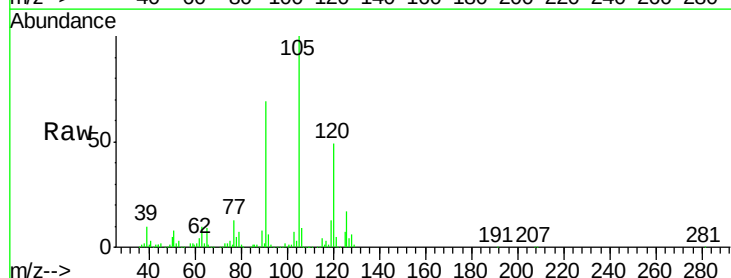
Acq: 18 Jun 2020 11:24

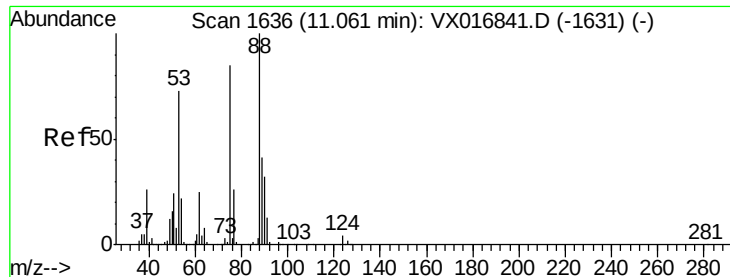
Tgt Ion: 105 Resp: 246677

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





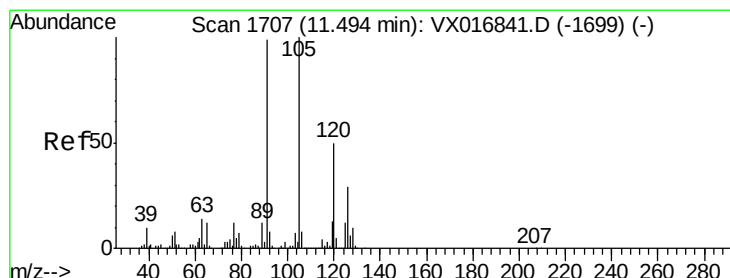
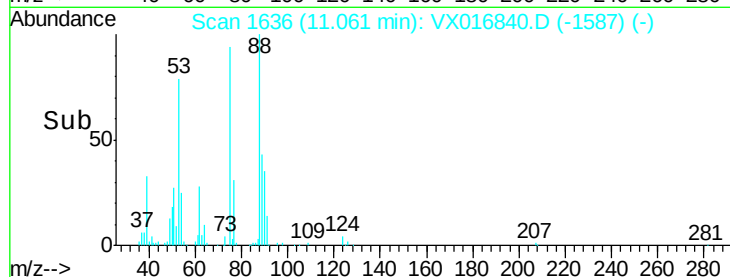
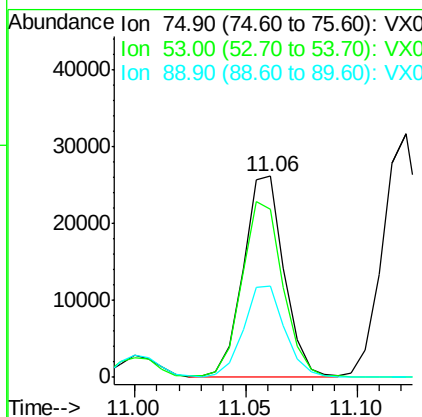
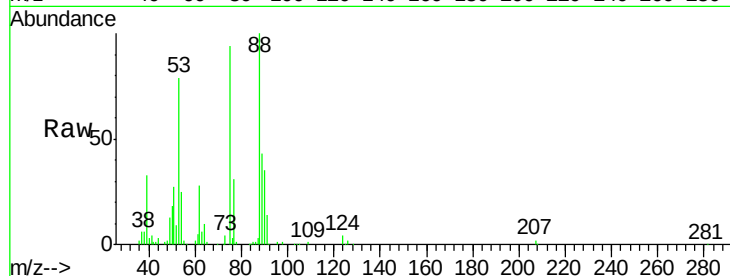
#81
trans-1,4-Dichloro-2-butene
Concen: 21.520 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.2	69.8	104.8
89	46.4	38.3	57.5

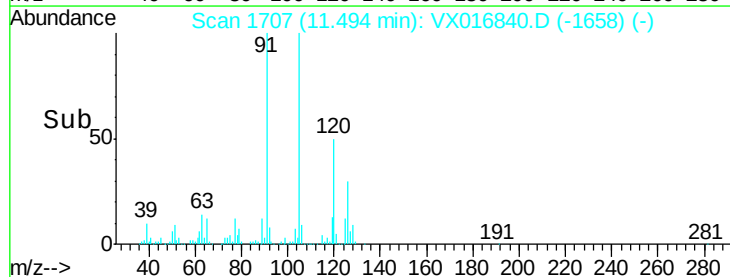
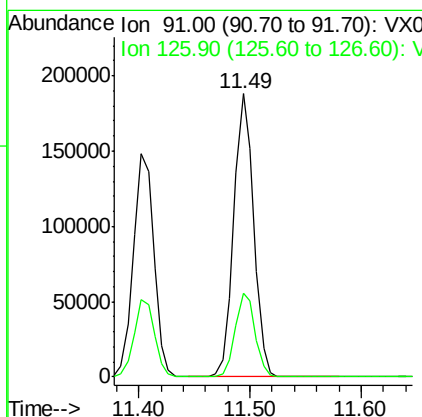
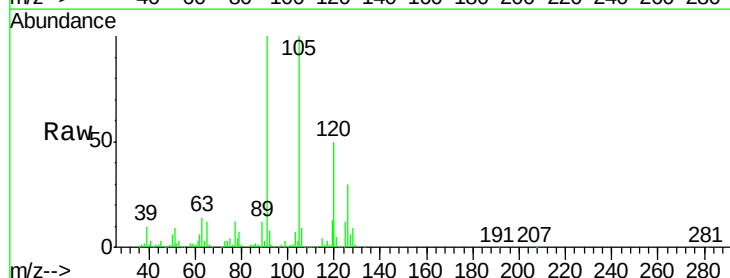
Manual Integrations
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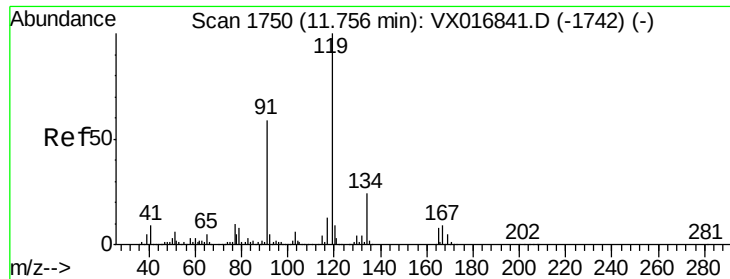
MMDadoda
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#82
4-Chlorotoluene
Concen: 22.976 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.0	45.0





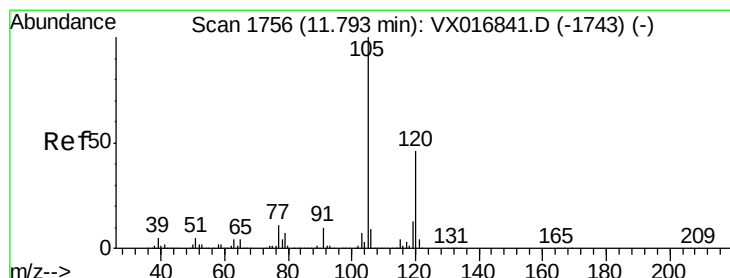
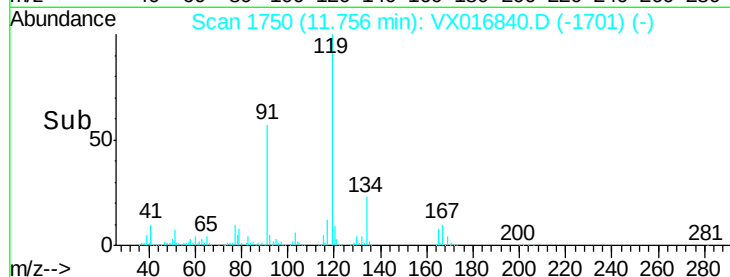
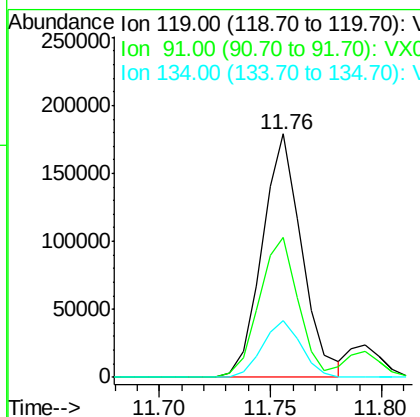
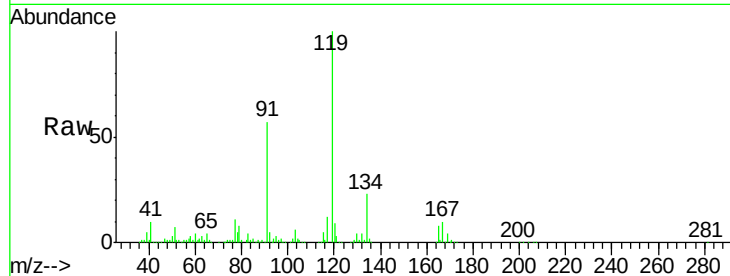
#83
 tert-Butylbenzene
 Concen: 22.767 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220470		
91	56.6	28.5	85.5	
134	23.0	11.7	35.1	

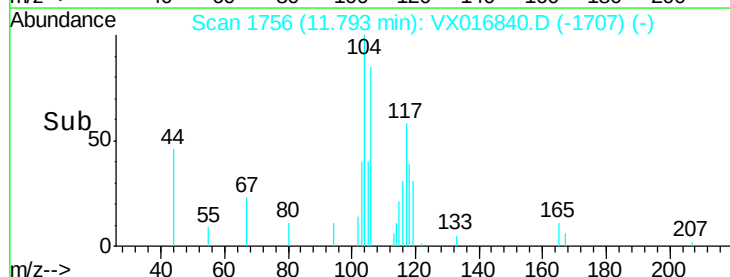
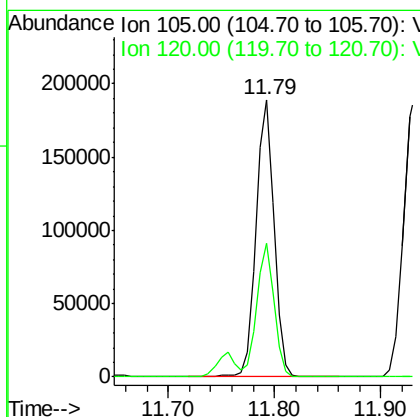
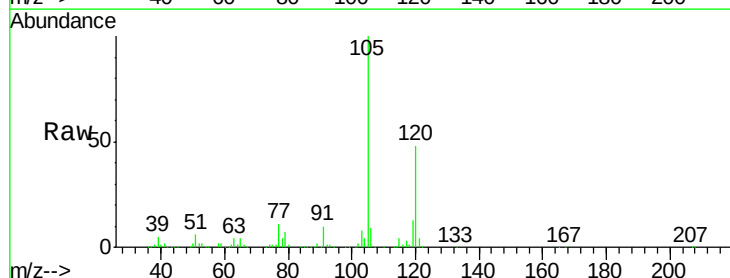
Manual Integrations
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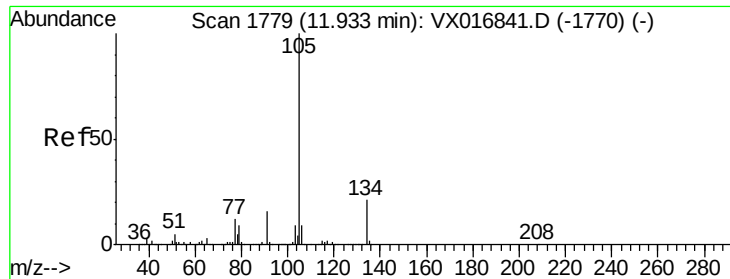
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.059 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224352		
120	46.4	22.3	66.9	





#85

sec-Butylbenzene

Concen: 20.706 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:105 Resp: 233502

Ion Ratio Lower Upper

105 100

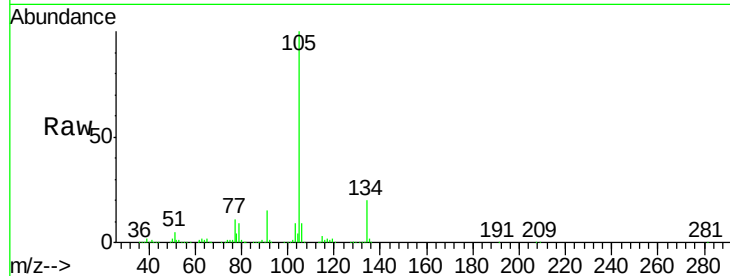
134 20.2 10.4 31.2

Manual Integrations

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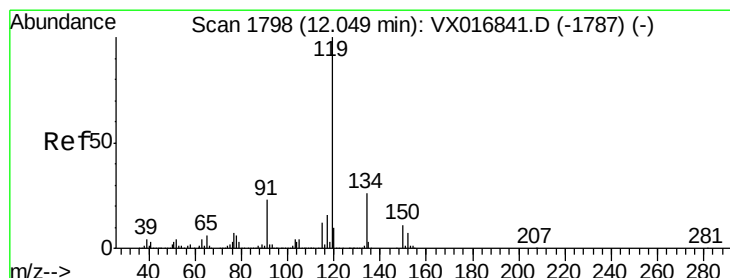
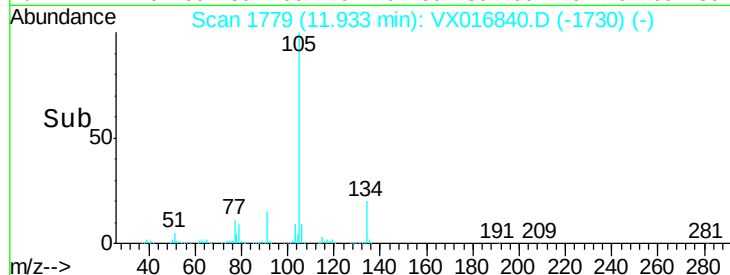
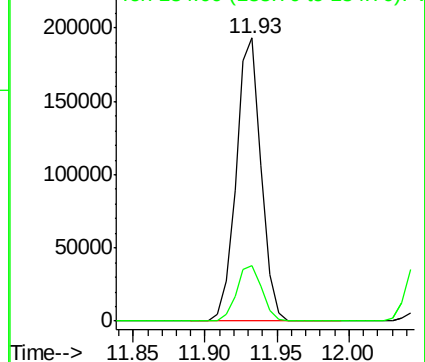
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.424 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016840.D

Acq: 18 Jun 2020 11:24

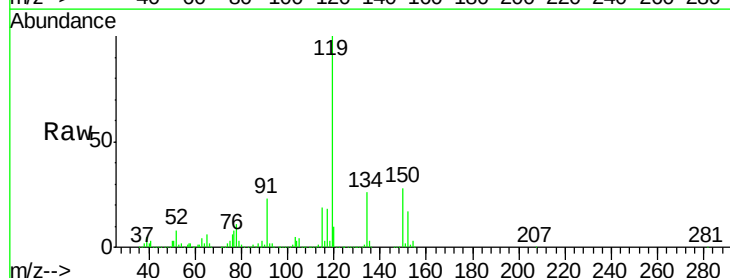
Tgt Ion:119 Resp: 221504

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

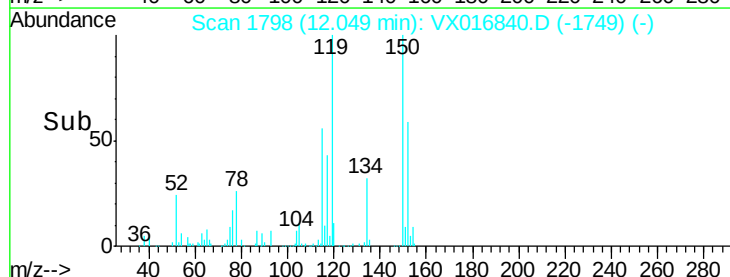
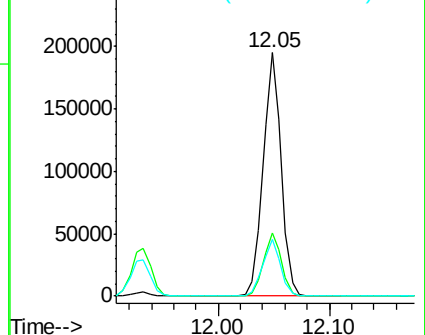
91 23.0 11.6 34.8

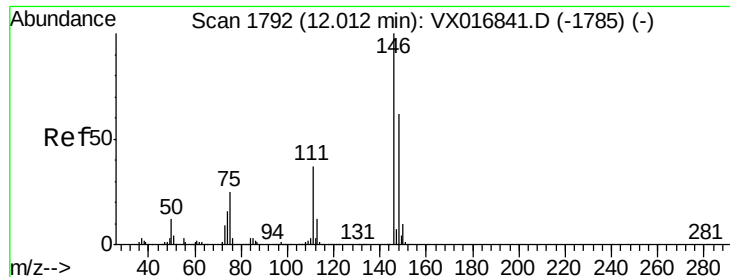


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





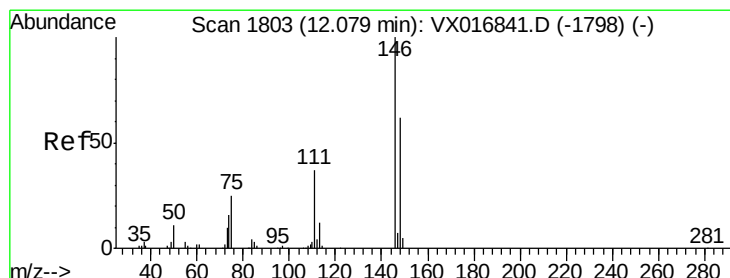
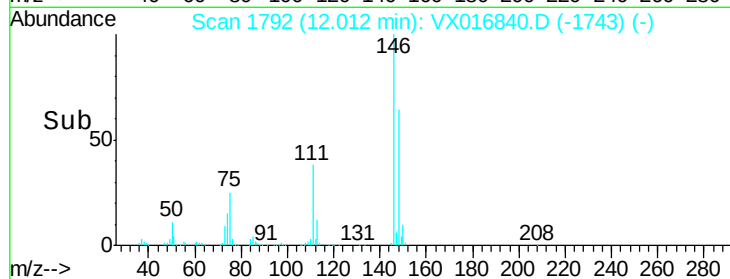
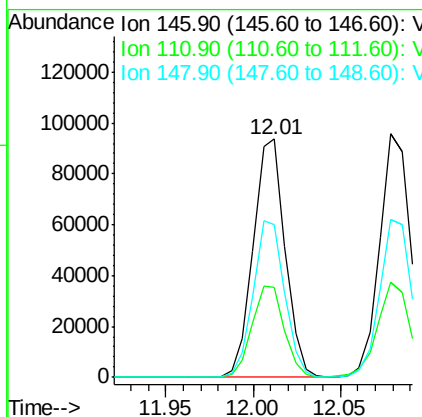
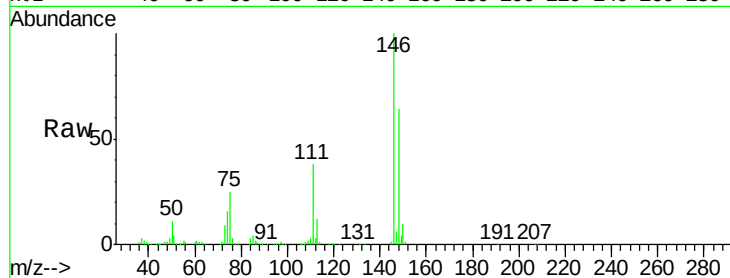
#87
 1,3-Dichlorobenzene
 Concen: 19.799 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.9	31.8	95.3

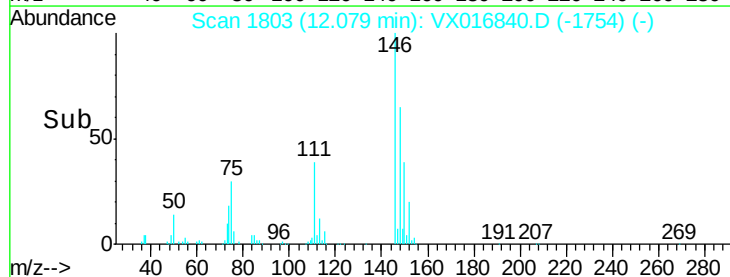
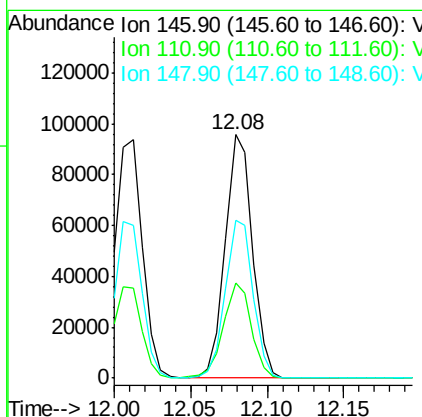
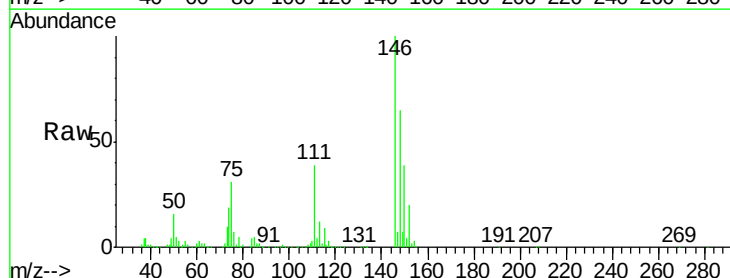
Manual Integrations
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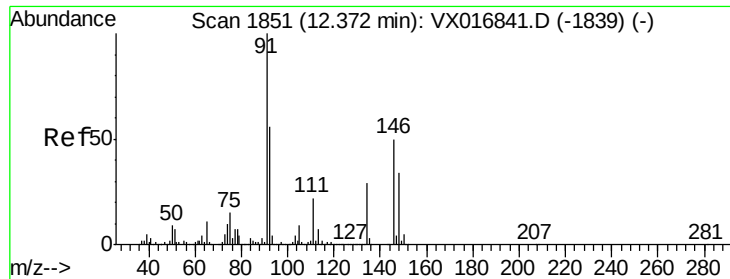
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#88
 1,4-Dichlorobenzene
 Concen: 19.047 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.0	57.0
148	66.1	31.6	95.0





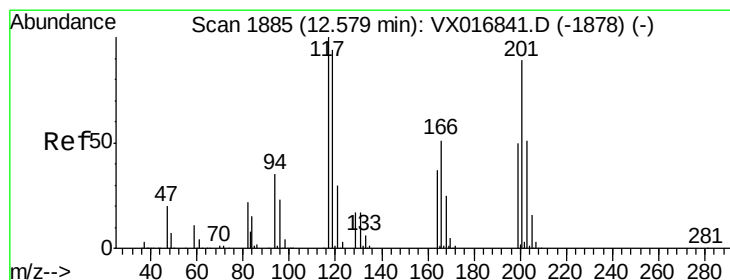
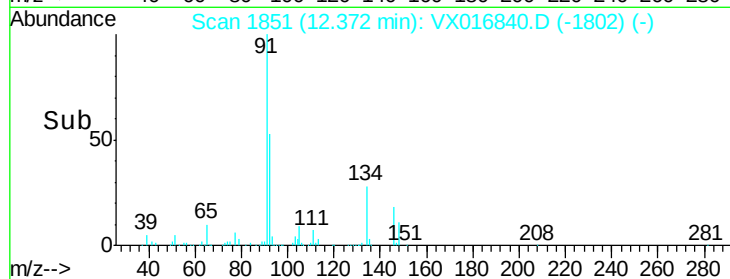
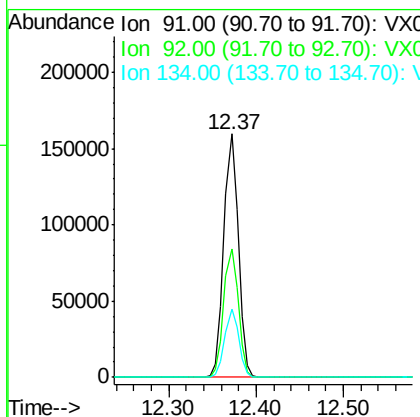
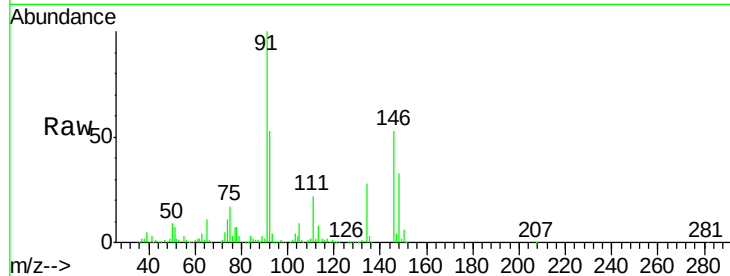
#89
n-Butylbenzene
Concen: 20.232 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.4	82.2
134	27.1	13.9	41.6

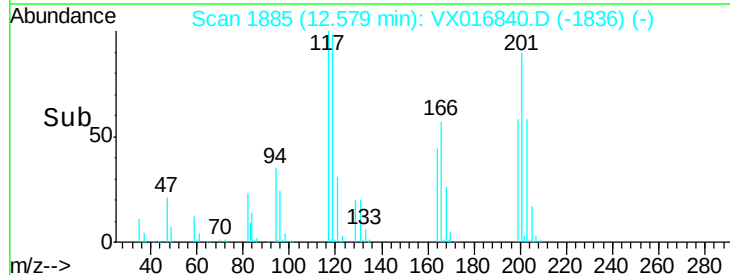
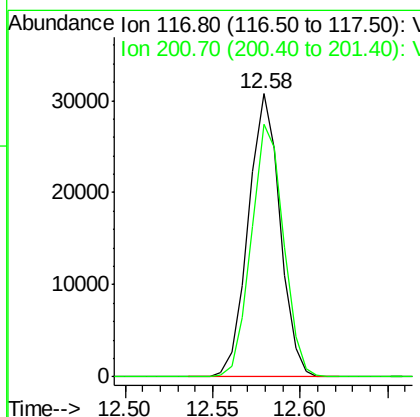
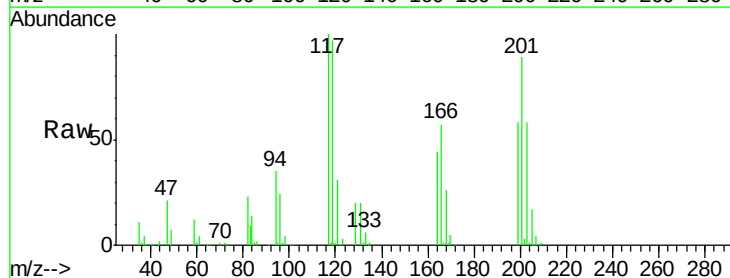
Manual Integrations
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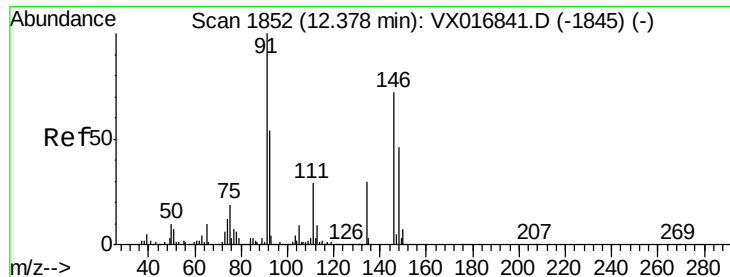
MMDadoda
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#90
Hexachloroethane
Concen: 19.242 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.8	44.9	134.5





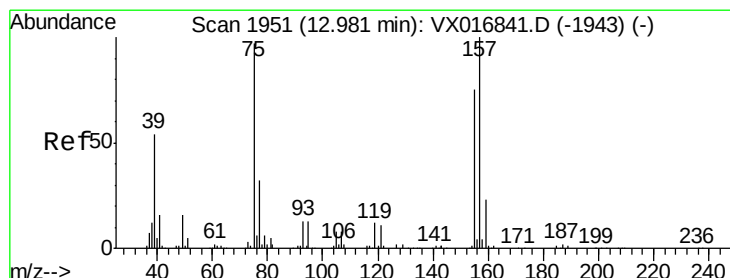
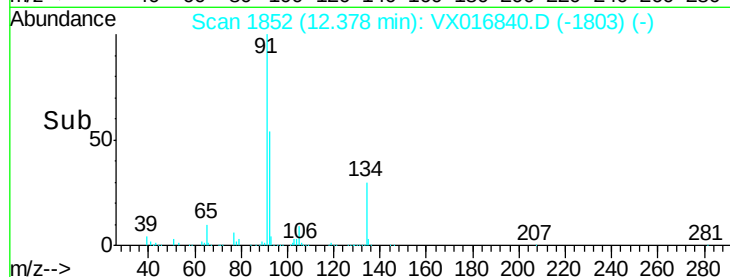
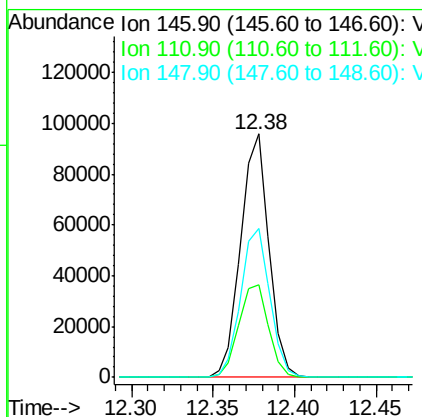
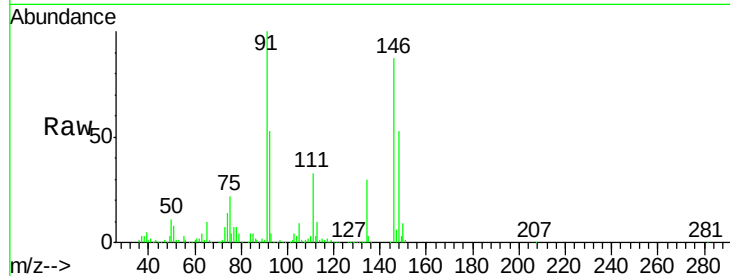
#91
 1,2-Dichlorobenzene
 Concen: 19.439 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115857		
111	40.2	20.9	62.7	
148	63.2	32.9	98.6	

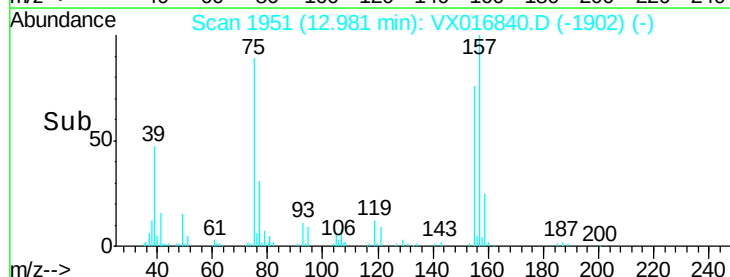
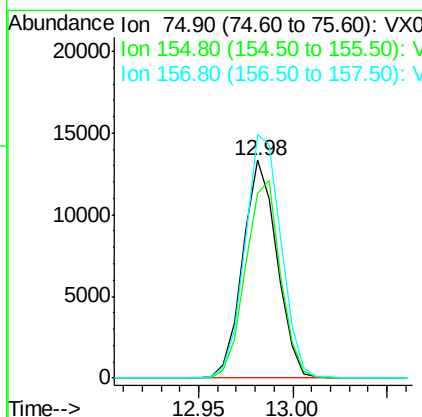
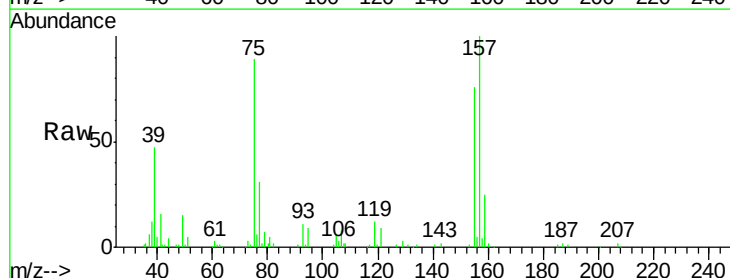
Manual Integrations
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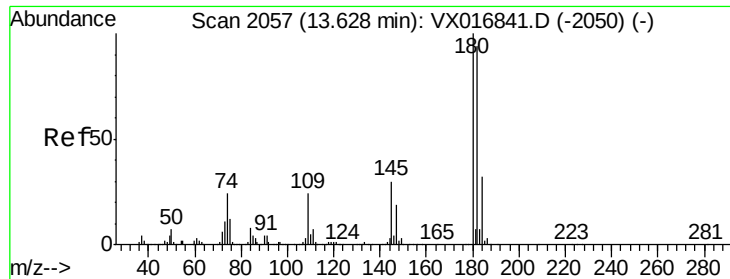
MMDadoda
 6/19/2020 12:49:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.655 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016840.D
 Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16812		
155	92.3	46.4	139.1	
157	118.0	58.6	175.8	





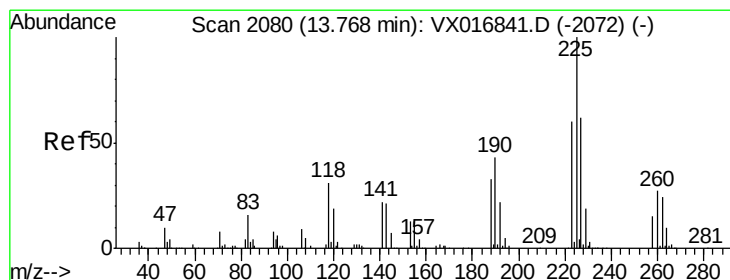
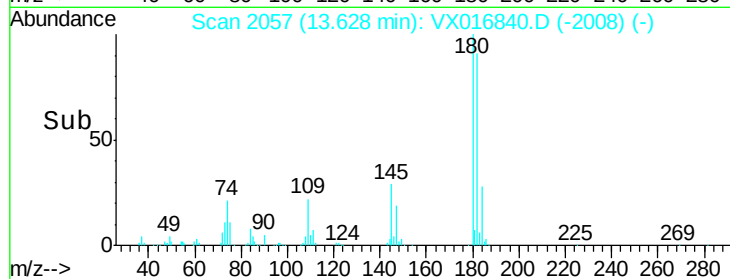
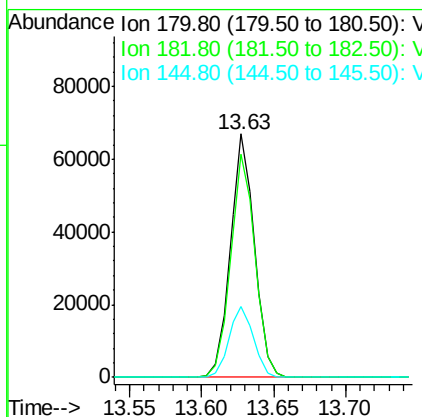
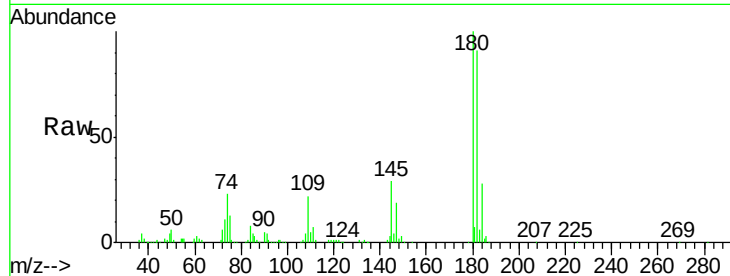
#93
1,2,4-Trichlorobenzene
Concen: 18.436 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.7	143.1
145	29.7	15.0	45.1

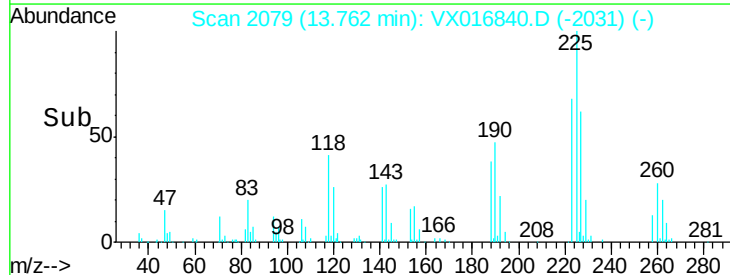
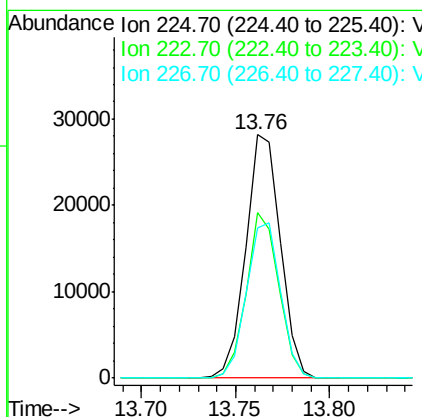
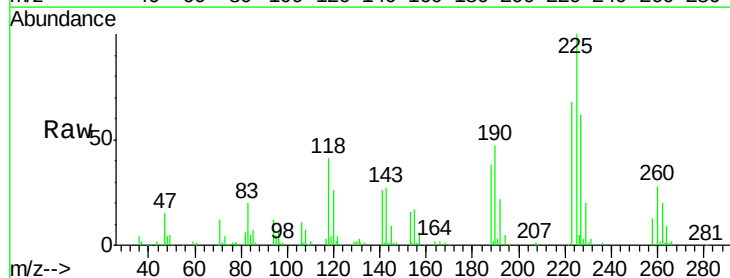
Manual Integrations
APPROVED

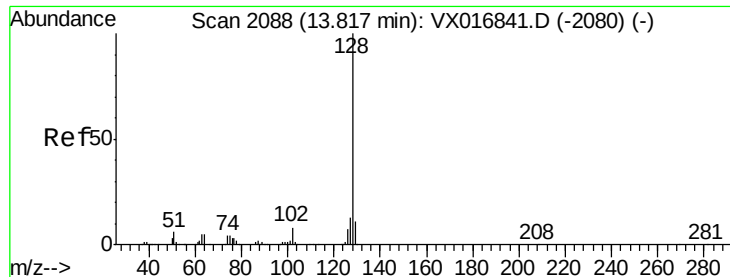
MMDadoda
6/19/2020 12:49:35 PM



#94
Hexachlorobutadiene
Concen: 18.902 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.1	96.5
227	62.8	32.3	96.8





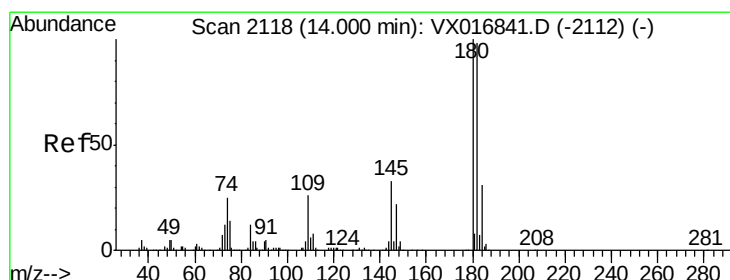
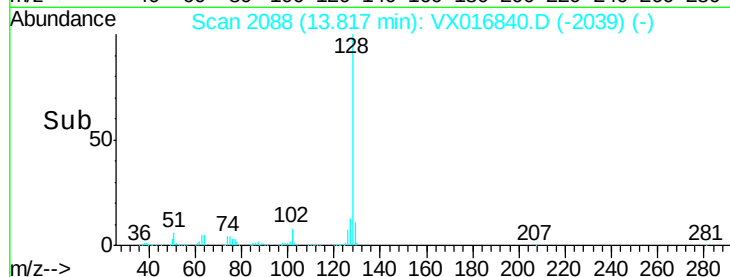
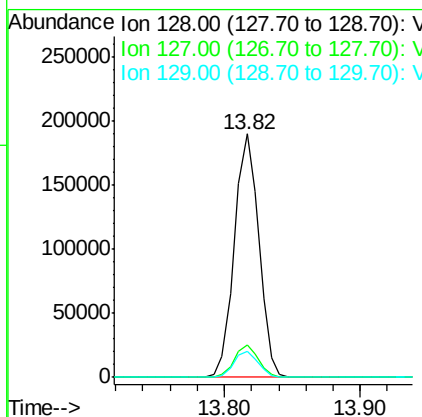
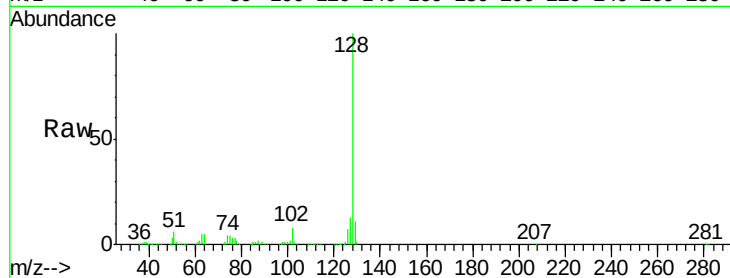
#95
Naphthalene
Concen: 18.262 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128	Resp:	237819
Ion Ratio	Lower	Upper
128 100		
127 12.9	10.4	15.6
129 10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:49:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.611 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016840.D
Acq: 18 Jun 2020 11:24

Tgt Ion:180	Resp:	78657
Ion Ratio	Lower	Upper
180 100		
182 96.6	47.4	142.3
145 31.8	16.0	48.0

