

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016427.D
 Acq On : 26 May 2020 15:32
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:45 PM

Quant Time: May 26 16:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	131176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	226687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	204343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	91128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1349	1.014	ug/l	91
3) Chloromethane	1.31	50	1834	1.168	ug/l #	81
4) Vinyl Chloride	1.39	62	2402	1.386	ug/l	89
6) Chloroethane	1.72	64	2024	1.881	ug/l	96
7) Trichlorofluoromethane	1.92	101	3720	1.578	ug/l	93
8) Diethyl Ether	2.17	74	2056	2.085	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2085	1.619	ug/l	90
12) 1,1-Dichloroethene	2.36	96	1873	1.391	ug/l	93
14) Allyl chloride	2.70	41	2713	1.116	ug/l	96
15) Acrylonitrile	3.12	53	4720	5.316	ug/l	90
16) Acetone	2.42	43	4509	5.964	ug/l	89
17) Carbon Disulfide	2.55	76	7765	1.697	ug/l	98
18) Methyl Acetate	2.75	43	2640	1.421	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	5378	1.152	ug/l	95
20) Methylene Chloride	2.84	84	2339	1.486	ug/l #	97
21) trans-1,2-Dichloroethene	3.15	96	2240	1.472	ug/l #	75
22) Diisopropyl ether	3.82	45	5047	1.084	ug/l #	93
23) Vinyl Acetate	3.78	43	20153	4.928	ug/l	96
24) 1,1-Dichloroethane	3.67	63	3176	1.211	ug/l	93
25) 2-Butanone	4.64	43	7133	5.848	ug/l	92
26) 2,2-Dichloropropane	4.55	77	2933	1.222	ug/l	80
27) cis-1,2-Dichloroethene	4.57	96	2301	1.378	ug/l	94
28) Bromochloromethane	4.98	49	1959m	1.631	ug/l	
29) Tetrahydrofuran	5.10	42	4476	5.546	ug/l	94
30) Chloroform	5.18	83	3119	1.183	ug/l	84
32) 1,1,1-Trichloroethane	5.46	97	3202	1.332	ug/l #	48
36) 1,1-Dichloropropene	5.78	75	2866	1.292	ug/l #	59
37) Ethyl Acetate	4.80	43	2517	0.995	ug/l #	76
38) Carbon Tetrachloride	5.76	117	2653	1.172	ug/l #	90
39) Methylcyclohexane	7.44	83	3016	1.149	ug/l	89
40) Benzene	6.12	78	6819	1.049	ug/l	99
41) Methacrylonitrile	5.02	41	1810	1.326	ug/l #	41
42) 1,2-Dichloroethane	6.16	62	2612	1.117	ug/l	90
43) Isopropyl Acetate	6.42	43	4439	1.097	ug/l	98

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Manual Integrations
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MMDadoda
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Quant Time: May 26 16:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	2698	1.175	ug/l	78
45) 1,2-Dichloropropane	7.48	63	1875	1.149	ug/l	95
46) Dibromomethane	7.63	93	1340	1.188	ug/l	89
47) Bromodichloromethane	7.87	83	2489	1.092	ug/l #	82
48) Methyl methacrylate	7.74	41	1829	0.959	ug/l #	88
49) 1,4-Dioxane	7.73	88	918	19.772	ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	11225	4.526	ug/l	98
52) Toluene	8.76	92	4476	1.100	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	2995	1.106	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	2846	1.010	ug/l #	73
55) 1,1,2-Trichloroethane	9.20	97	1726	1.074	ug/l	94
56) Ethyl methacrylate	9.16	69	2351	0.910	ug/l #	89
57) 1,3-Dichloropropane	9.35	76	3303	1.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	6074	4.425	ug/l	97
59) 2-Hexanone	9.48	43	8558	4.391	ug/l	97
60) Dibromochloromethane	9.57	129	1830	1.028	ug/l	96
61) 1,2-Dibromoethane	9.65	107	2003	1.147	ug/l	98
64) Tetrachloroethene	9.32	164	2733	1.103	ug/l	91
65) Chlorobenzene	10.12	112	4651	1.090	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	1584	1.001	ug/l #	62
67) Ethyl Benzene	10.24	91	7830	1.035	ug/l	98
68) m/p-Xylenes	10.34	106	5944	2.091	ug/l	95
69) o-Xylene	10.68	106	2800	1.022	ug/l	98
70) Styrene	10.70	104	4565	0.986	ug/l	98
71) Bromoform	10.84	173	1187	0.920	ug/l #	91
73) Isopropylbenzene	11.00	105	7284	1.108	ug/l	100
74) N-amyl acetate	10.88	43	3318	1.102	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1886	1.562	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	2239m	1.098	ug/l	
77) Bromobenzene	11.24	156	1941	1.136	ug/l	86
78) n-propylbenzene	11.34	91	8867	1.162	ug/l	96
79) 2-Chlorotoluene	11.40	91	5502	1.219	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	5860	1.056	ug/l	98
82) 4-Chlorotoluene	11.49	91	6490	1.217	ug/l	97
83) tert-Butylbenzene	11.76	119	5281	1.105	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	5815	1.039	ug/l	99
85) sec-Butylbenzene	11.93	105	6564	1.027	ug/l	99
86) p-Isopropyltoluene	12.05	119	6188	1.045	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	3669	1.202	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	3936m	1.270	ug/l	
89) n-Butylbenzene	12.37	91	6155	1.144	ug/l	96
90) Hexachloroethane	12.58	117	1124	1.098	ug/l	76
91) 1,2-Dichlorobenzene	12.38	146	3512	1.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	683	1.270	ug/l	72
93) 1,2,4-Trichlorobenzene	13.63	180	2528	1.181	ug/l	98
94) Hexachlorobutadiene	13.77	225	1680	1.754	ug/l	88
95) Naphthalene	13.82	128	7176	1.023	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	2249	1.080	ug/l	92

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Misc : 5.0mL/MSVOA X/WATER
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MSVOA_X
ClientSampleId :
VSTDICC001

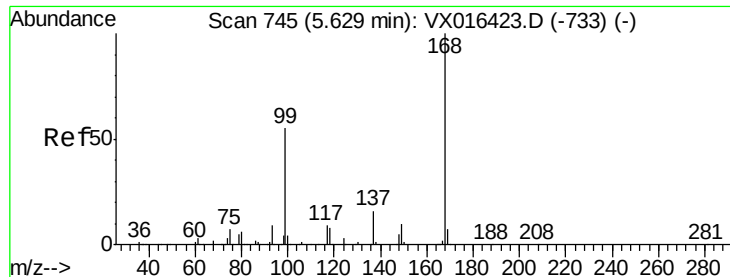
Manual Integrations
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5/27/2020 12:27:45 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 131176

Ion Ratio Lower Upper

168 100

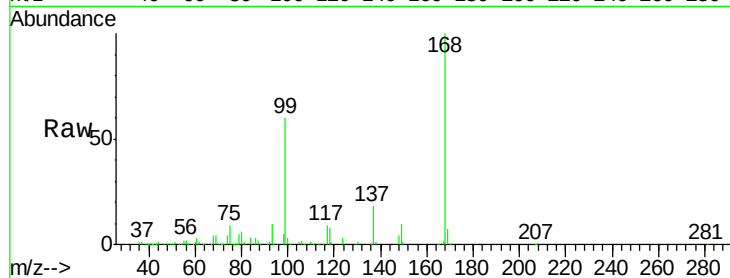
99 60.3 44.4 66.6

Manual Integrations

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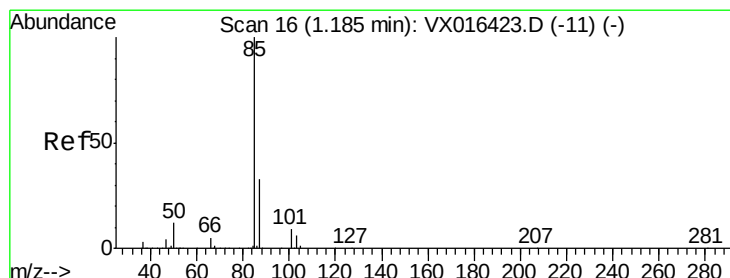
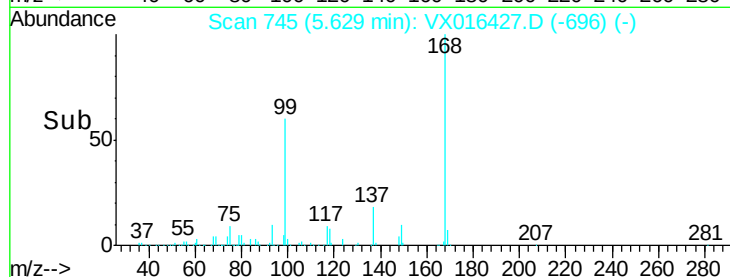
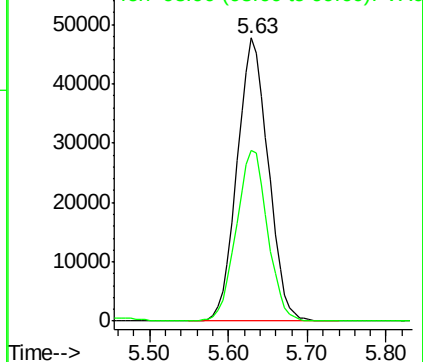
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.014 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016427.D

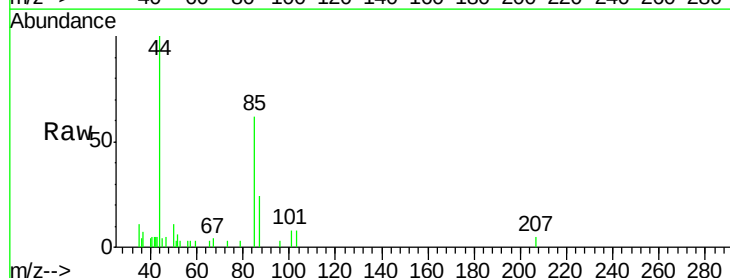
Acq: 26 May 2020 15:32

Tgt Ion: 85 Resp: 1349

Ion Ratio Lower Upper

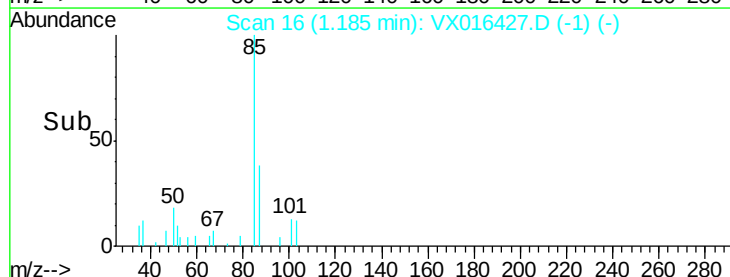
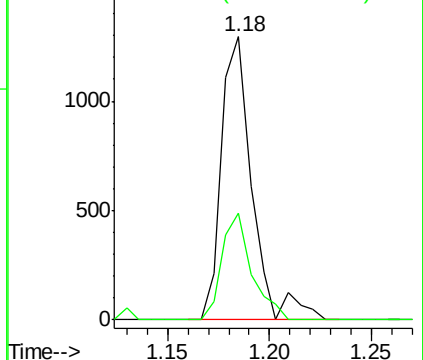
85 100

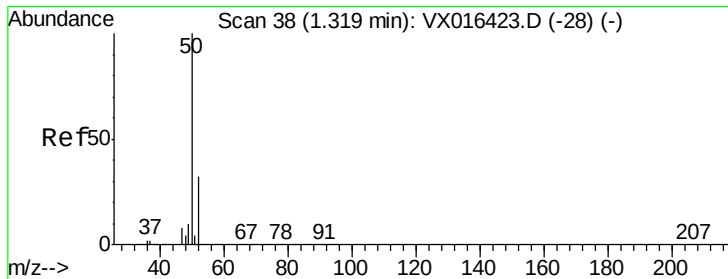
87 37.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.168 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1834

Ion Ratio Lower Upper

50 100

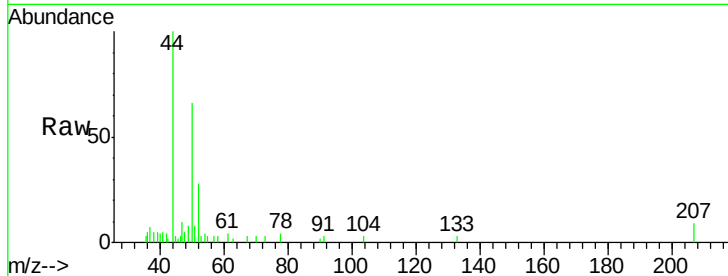
52 43.2 25.9 38.9#

Manual Integrations

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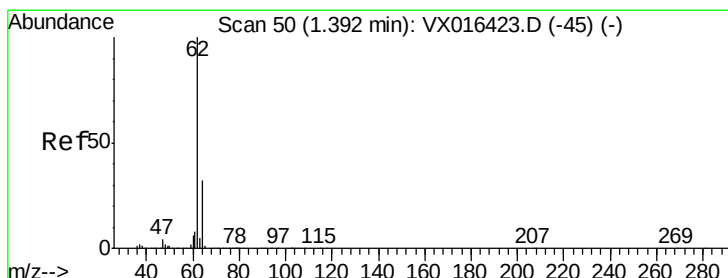
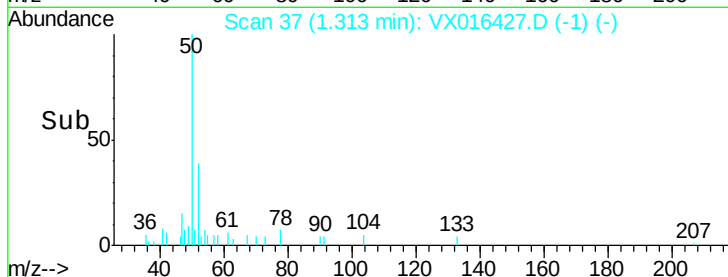
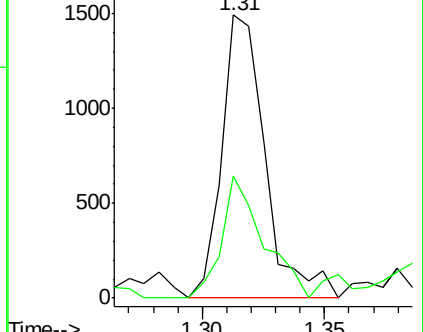
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.386 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016427.D

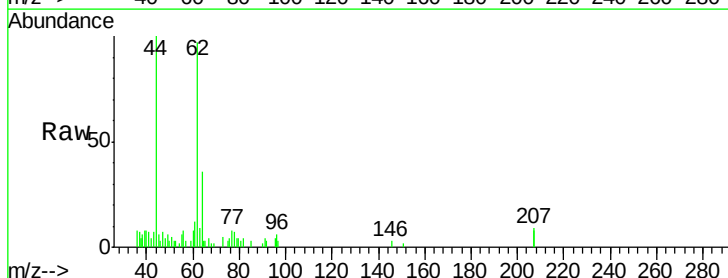
Acq: 26 May 2020 15:32

Tgt Ion: 62 Resp: 2402

Ion Ratio Lower Upper

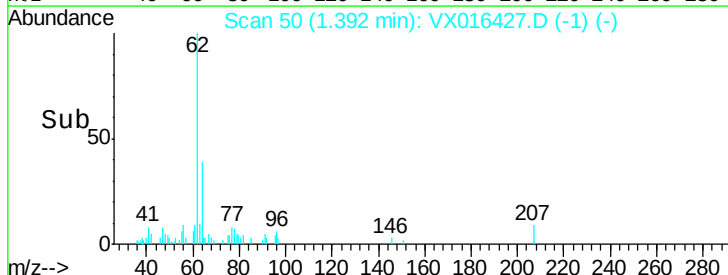
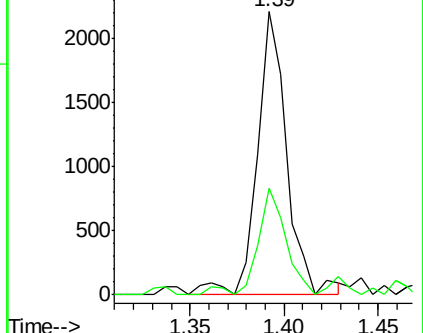
62 100

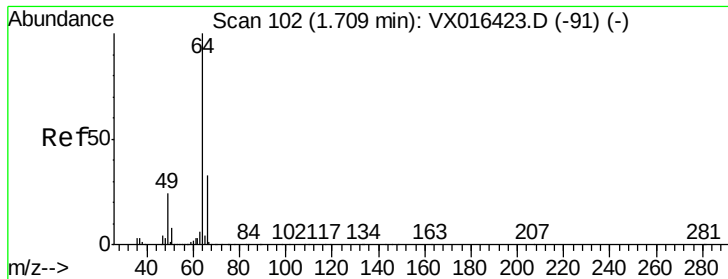
64 37.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.881 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2024

Ion Ratio Lower Upper

64 100

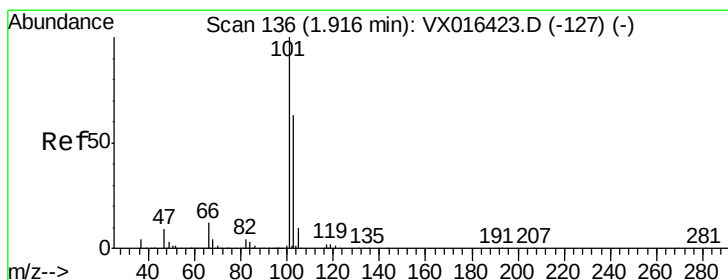
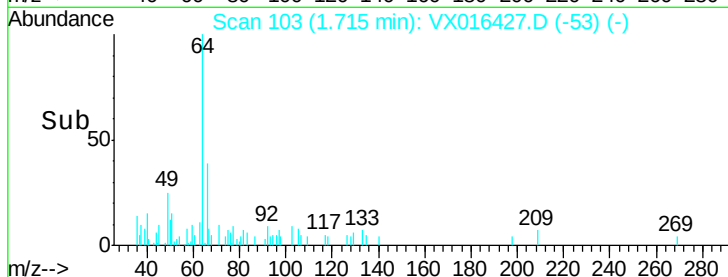
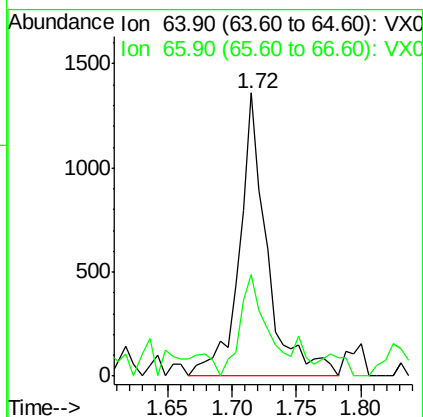
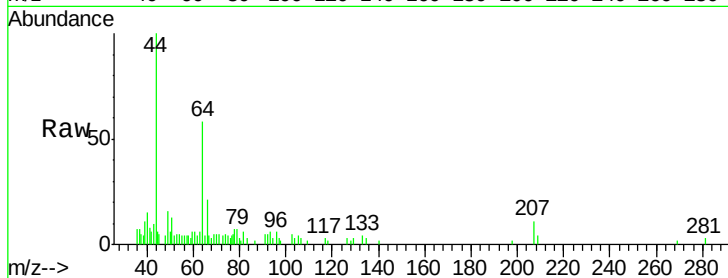
66 30.0 26.0 39.0

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.578 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX016427.D

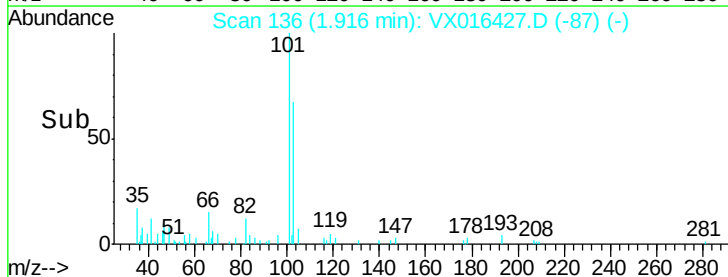
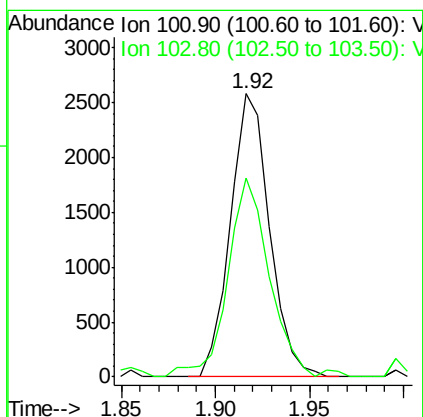
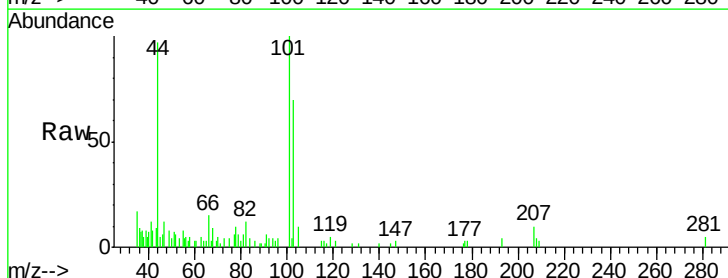
Acq: 26 May 2020 15:32

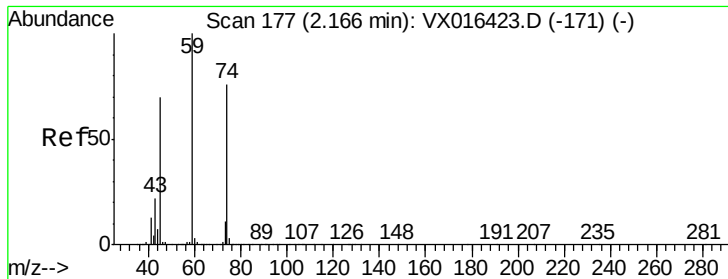
Tgt Ion: 101 Resp: 3720

Ion Ratio Lower Upper

101 100

103 68.3 50.1 75.1





#8

Diethyl Ether

Concen: 2.085 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2056

Ion Ratio Lower Upper

74 100

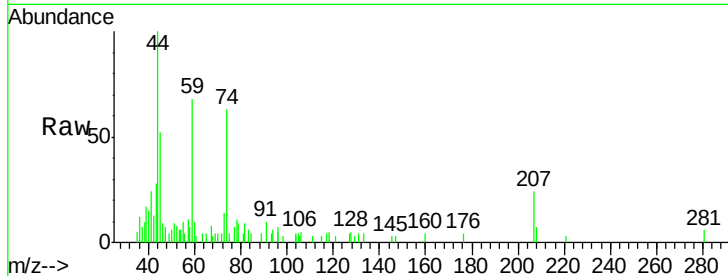
45 69.5 44.4 133.2

Manual Integrations

APPROVED

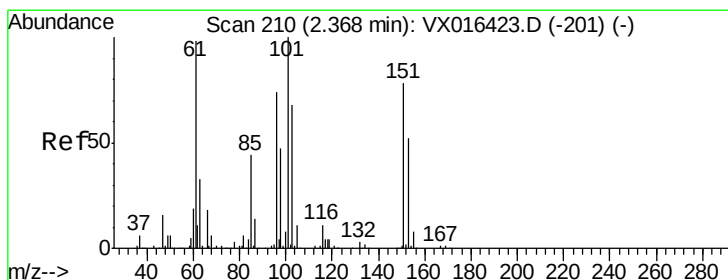
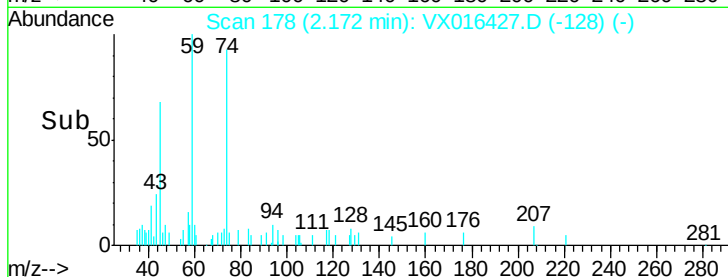
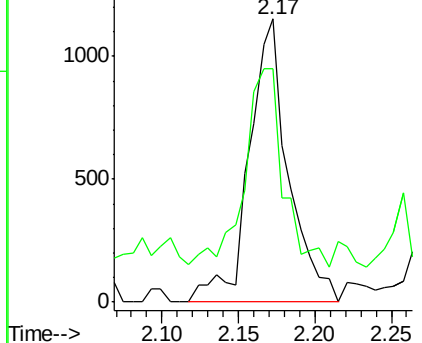
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.619 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

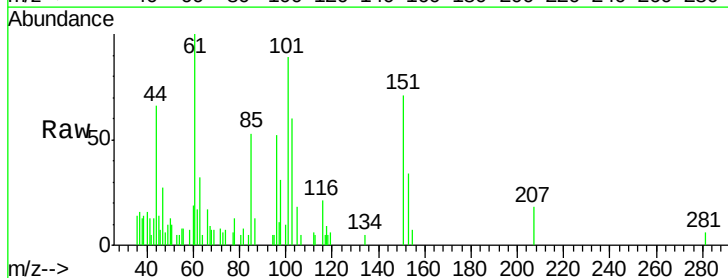
Tgt Ion: 101 Resp: 2085

Ion Ratio Lower Upper

101 100

85 51.8 36.2 54.4

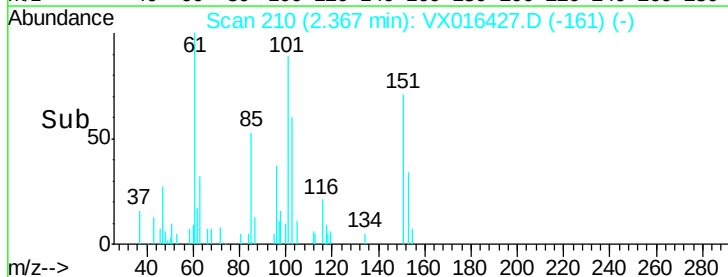
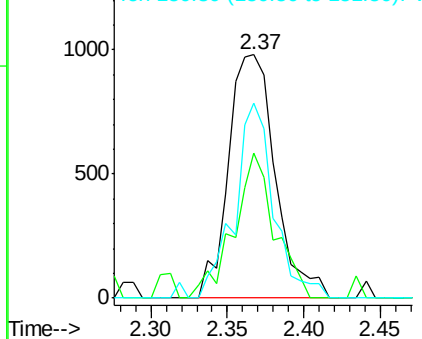
151 67.2 60.4 90.6

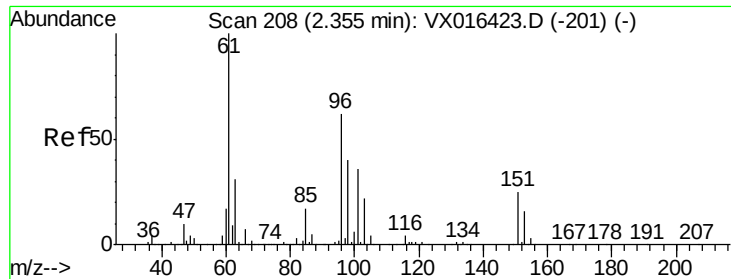


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





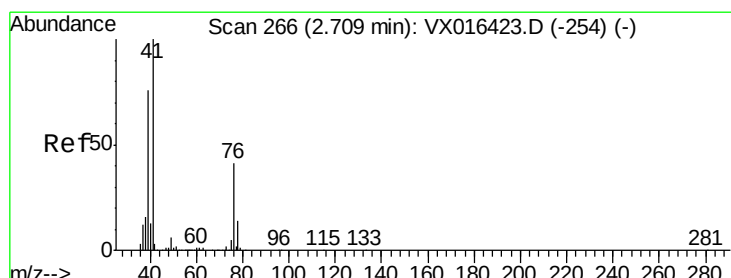
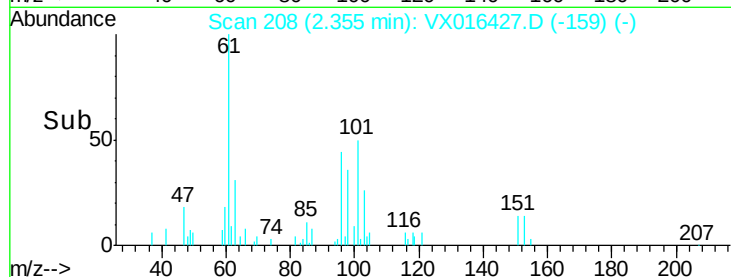
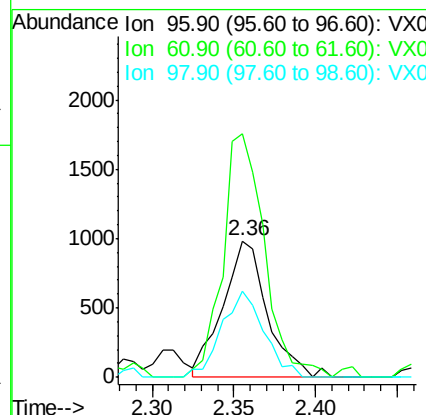
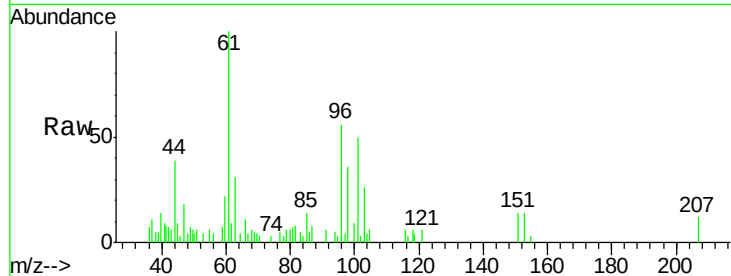
#12
1,1-Dichloroethene
Concen: 1.391 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.1	128.2	192.4
98	63.6	50.8	76.2

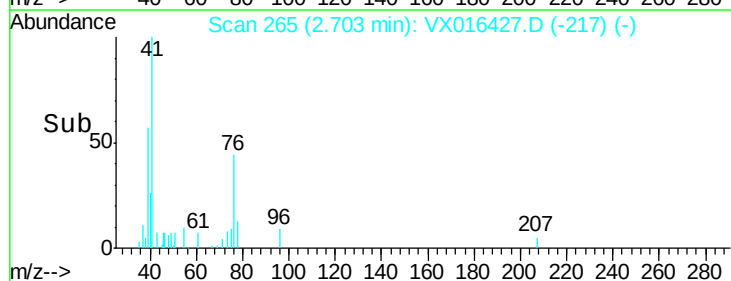
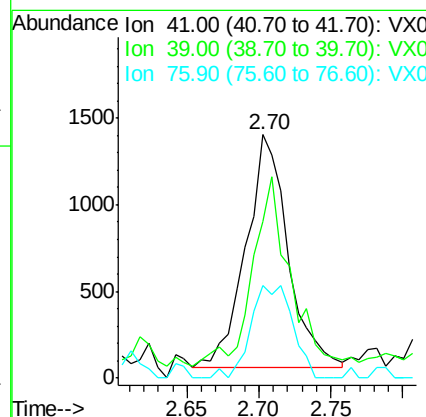
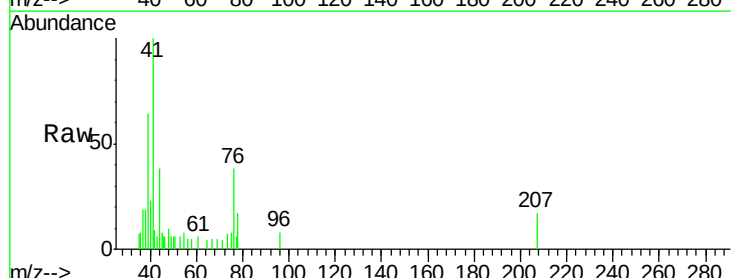
Manual Integrations
APPROVED

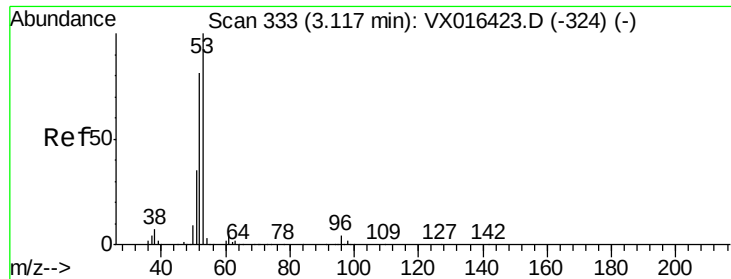
MMDadoda
5/27/2020 12:27:45 PM



#14
Allyl chloride
Concen: 1.116 ug/l
RT: 2.70 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.3	55.8	83.8
76	39.6	29.6	44.4





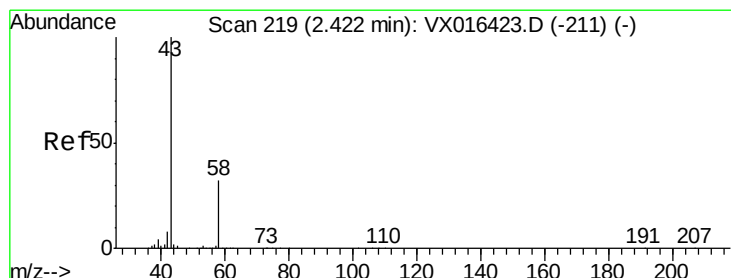
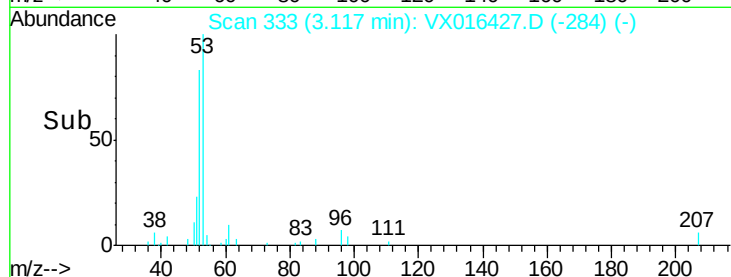
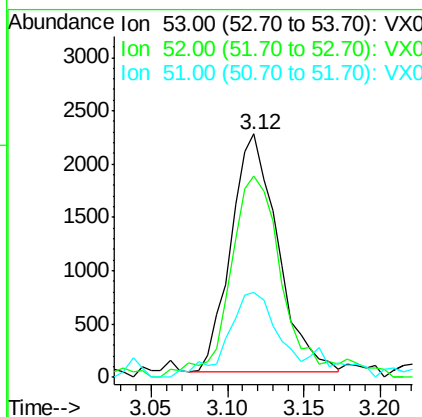
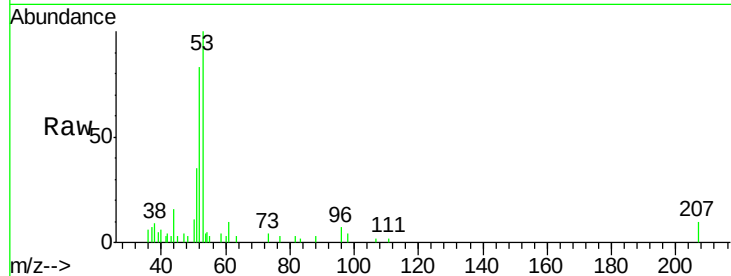
#15
 Acrylonitrile
 Concen: 5.316 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	53	Resp:	4720
Ion	Ratio	Lower	Upper
53	100		
52	93.2	65.4	98.2
51	38.3	28.4	42.6

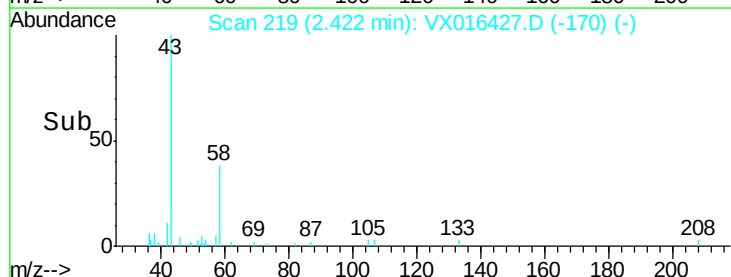
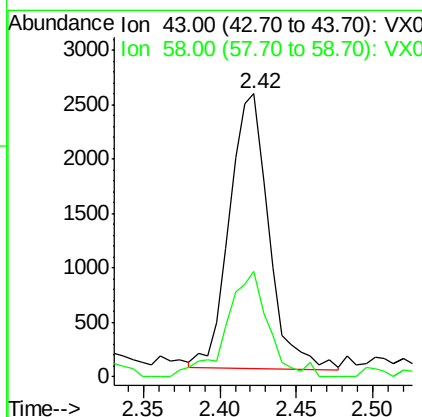
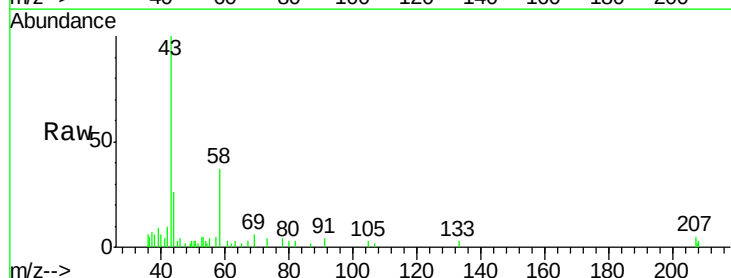
Manual Integrations
 APPROVED

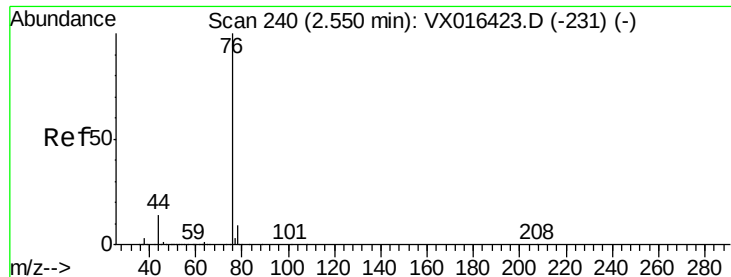
MMDadoda
 5/27/2020 12:27:45 PM



#16
 Acetone
 Concen: 5.964 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion:	43	Resp:	4509
Ion	Ratio	Lower	Upper
43	100		
58	38.7	26.0	39.0





#17

Carbon Disulfide

Concen: 1.697 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 7765

Ion Ratio Lower Upper

76 100

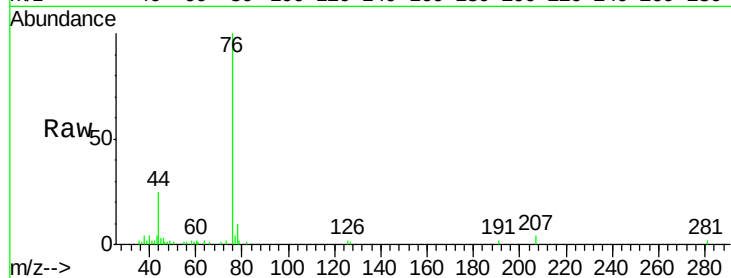
78 10.1 7.4 11.0

Manual Integrations

APPROVED

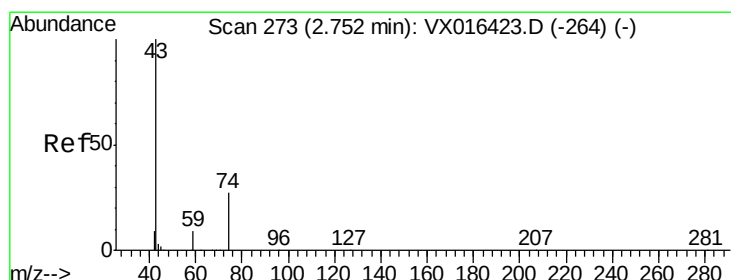
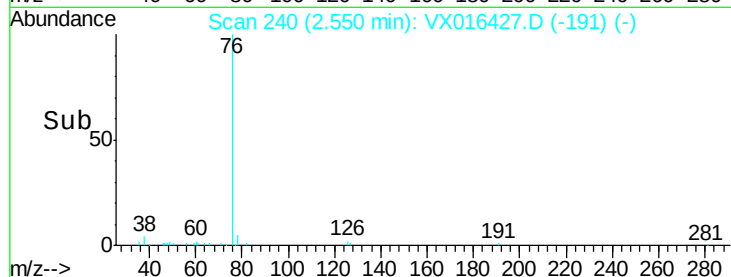
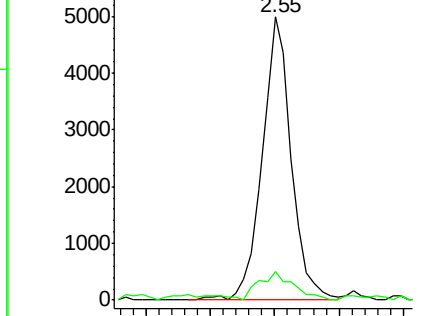
MMDadoda

5/27/2020 12:27:45 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.421 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016427.D

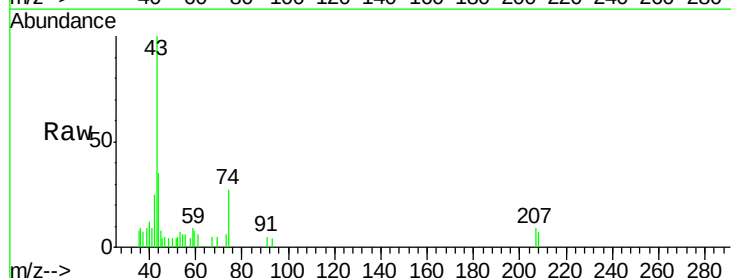
Acq: 26 May 2020 15:32

Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

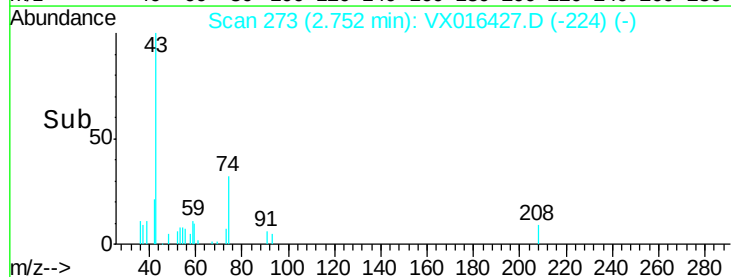
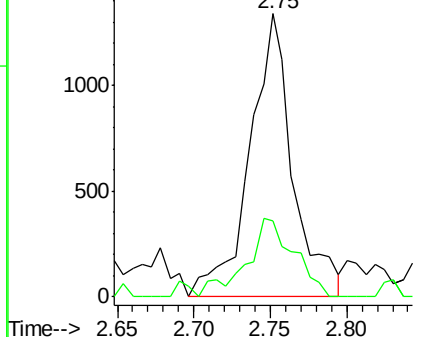
43 100

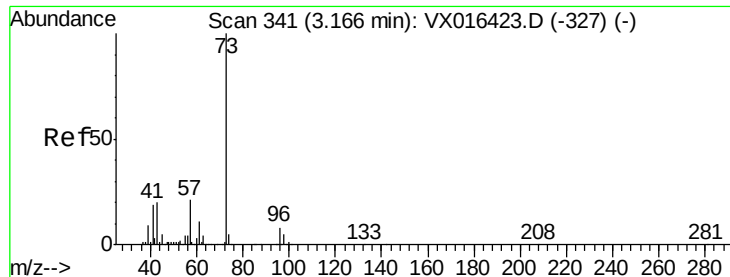
74 30.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





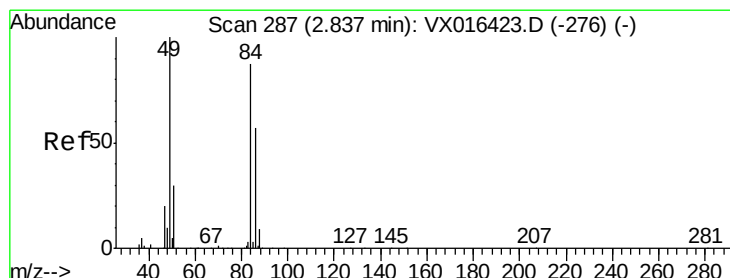
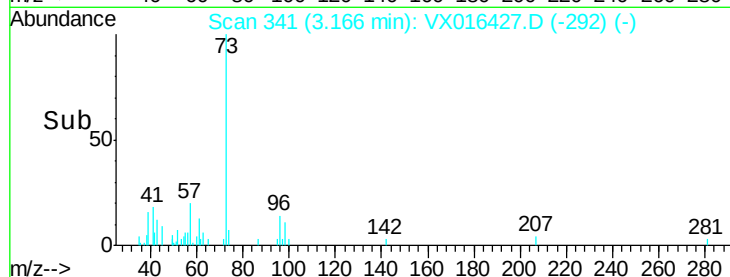
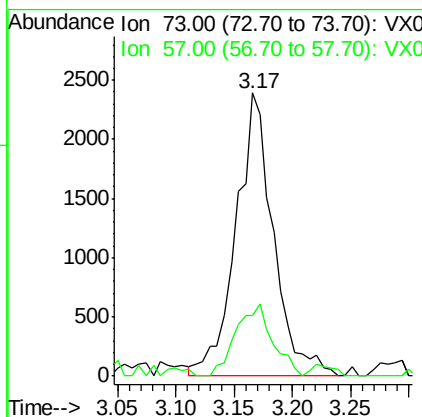
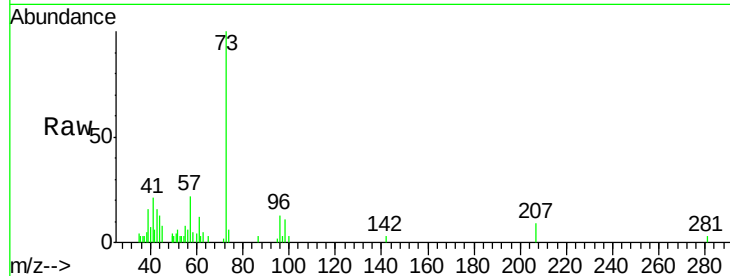
#19
Methyl tert-butyl Ether
Concen: 1.152 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.1	17.3	25.9

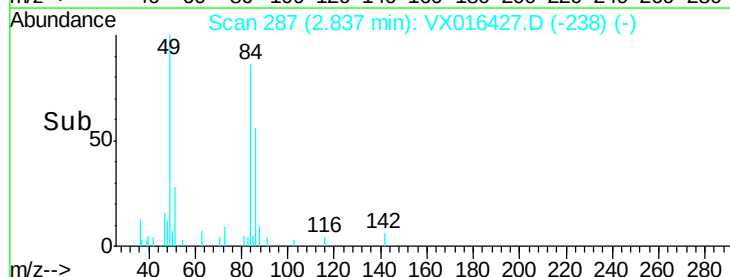
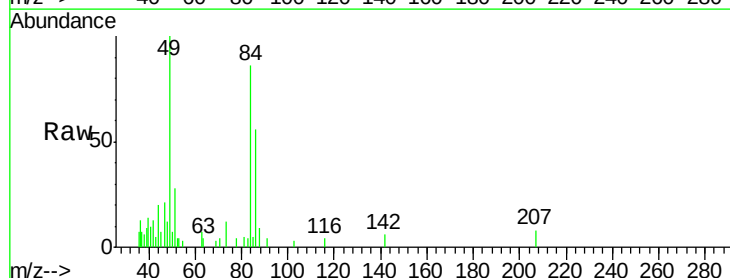
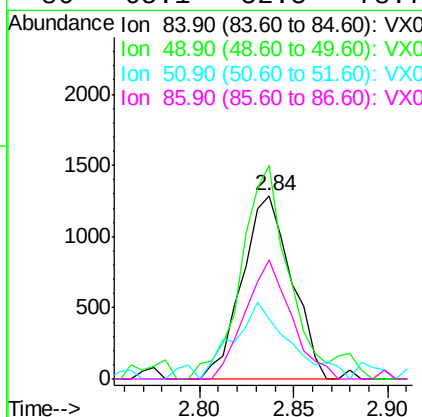
Manual Integrations
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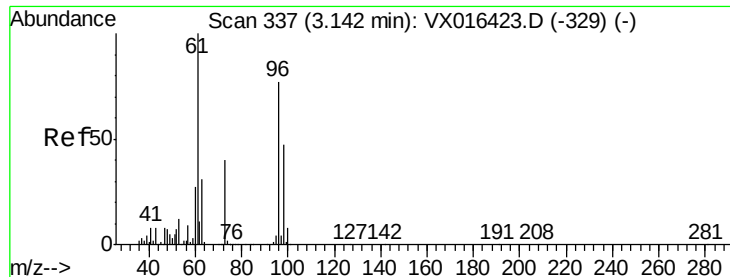
MMDadoda
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#20
Methylene Chloride
Concen: 1.486 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	92.2	138.4
51	26.4	27.8	41.8#
86	65.1	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 1.472 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

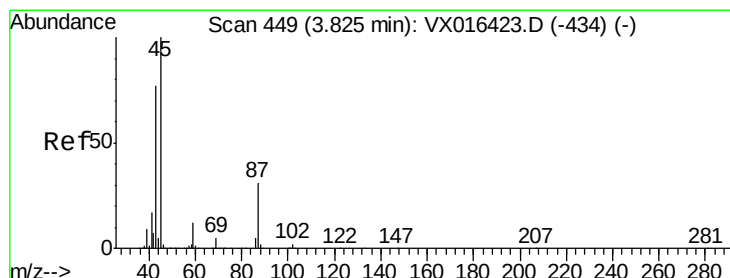
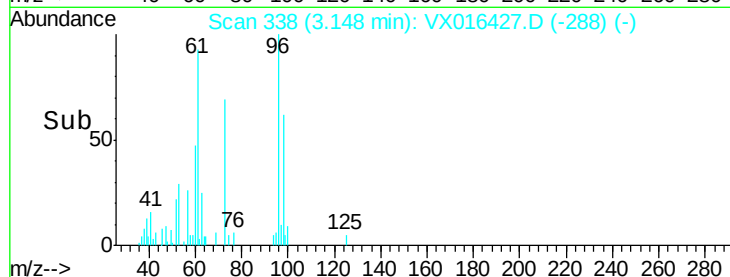
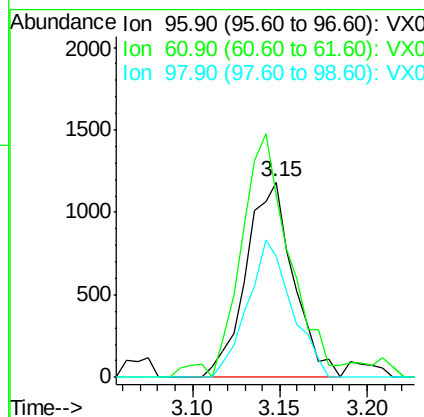
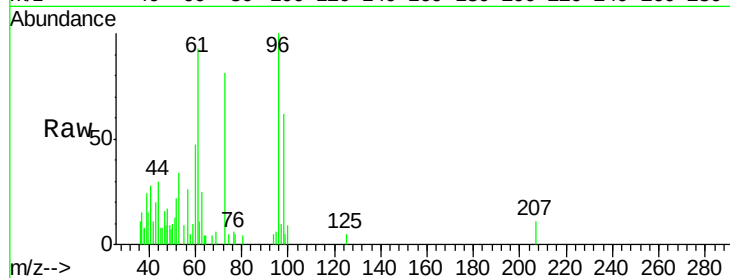
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2240
Ion	Ratio	Lower	Upper
96	100		
61	87.4	104.3	156.5#
98	62.1	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.084 ug/l

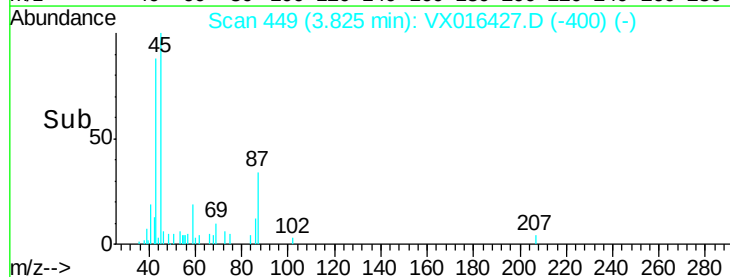
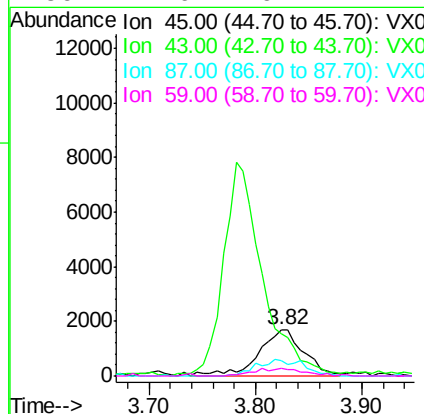
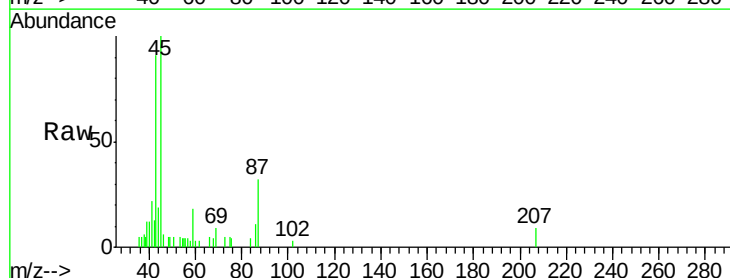
RT: 3.82 min Scan# 449

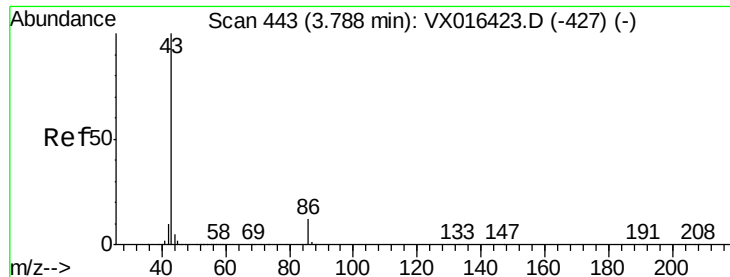
Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	45	Resp:	5047
Ion	Ratio	Lower	Upper
45	100		
43	84.6	61.4	92.2
87	32.1	24.4	36.6
59	14.6	9.4	14.2#





#23

Vinyl Acetate

Concen: 4.928 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 20153

Ion Ratio Lower Upper

43 100

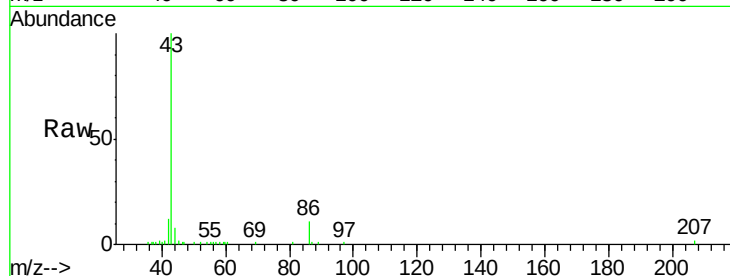
86 10.8 9.8 14.8

Manual Integrations

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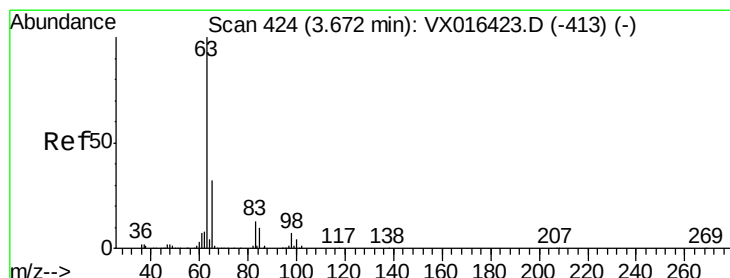
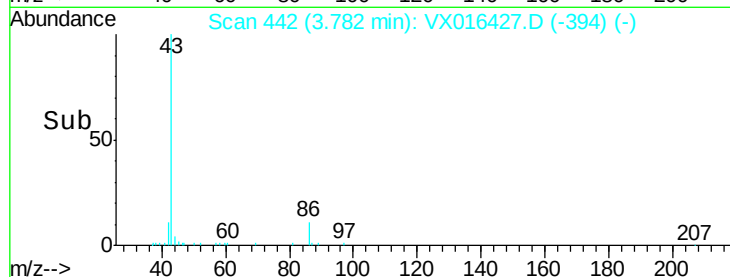
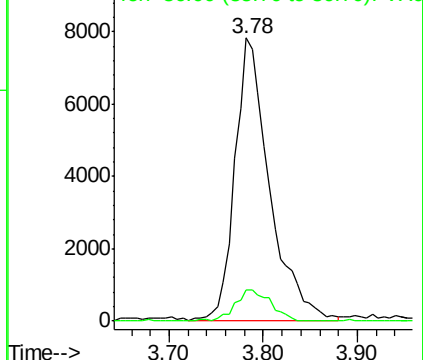
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.211 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

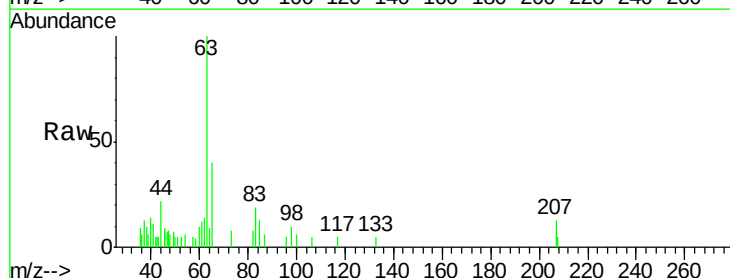
Tgt Ion: 63 Resp: 3176

Ion Ratio Lower Upper

63 100

98 9.8 3.6 10.8

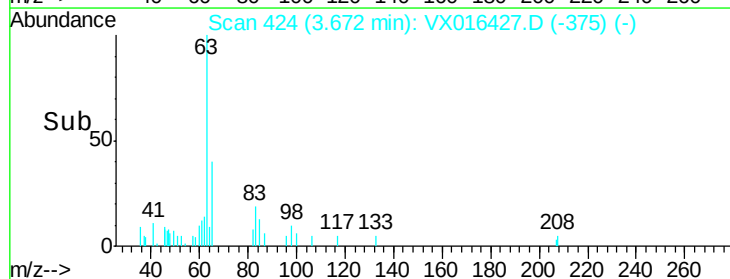
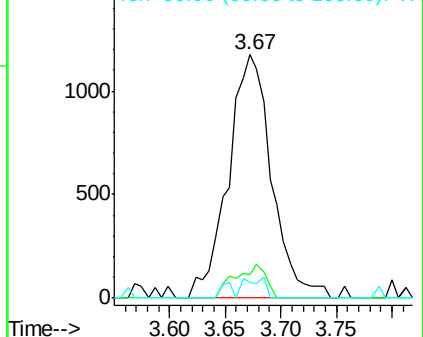
100 6.3 2.1 6.5

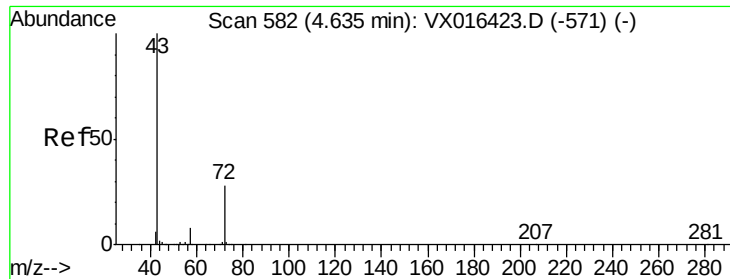


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.848 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 7133

Ion Ratio Lower Upper

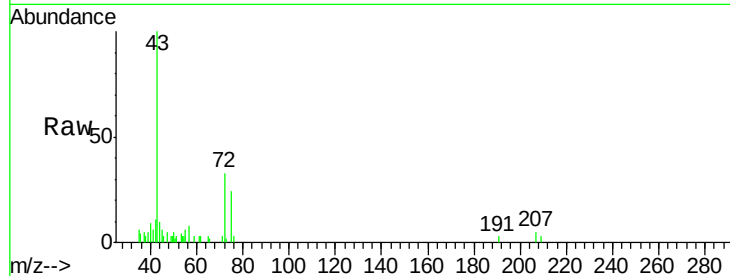
43 100

72 32.7 22.7 34.1

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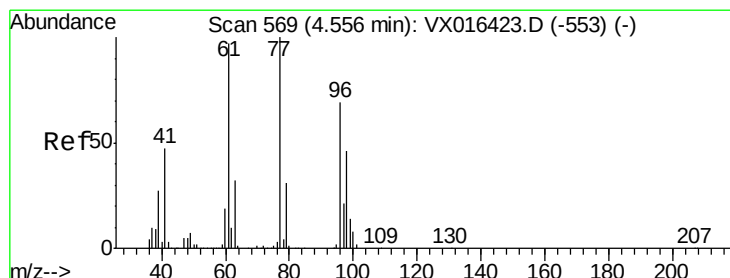
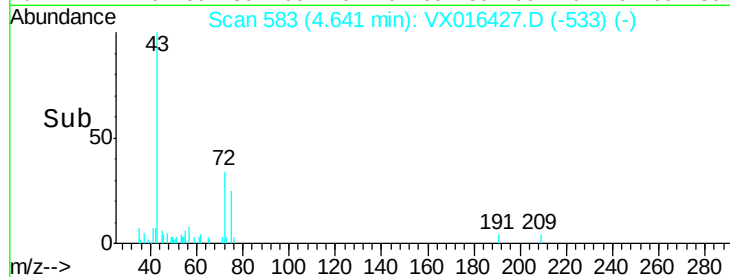
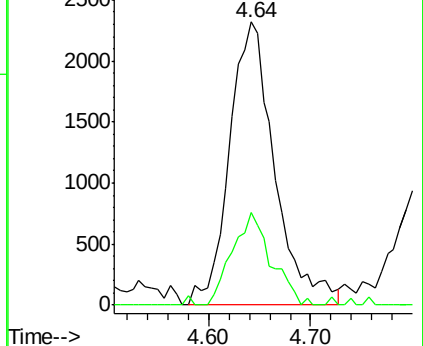
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.222 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016427.D

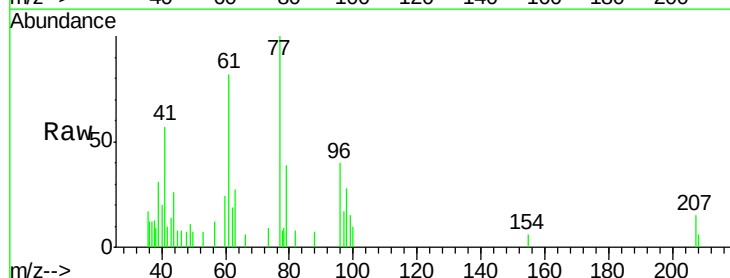
Acq: 26 May 2020 15:32

Tgt Ion: 77 Resp: 2933

Ion Ratio Lower Upper

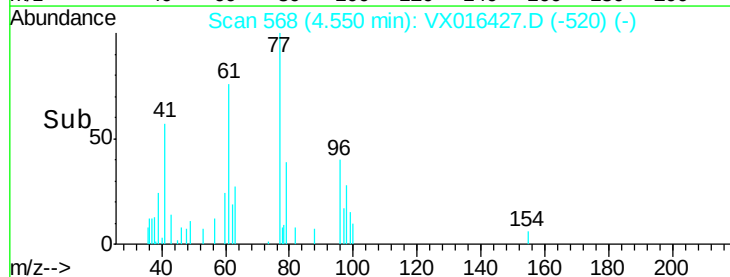
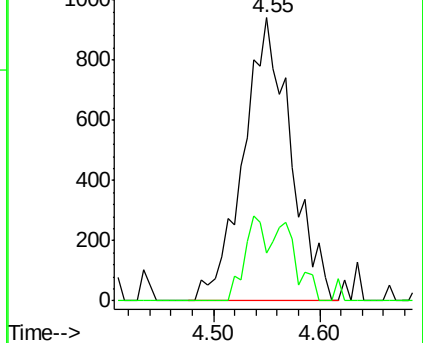
77 100

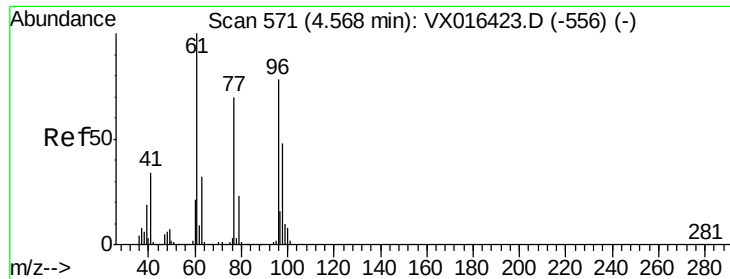
97 13.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

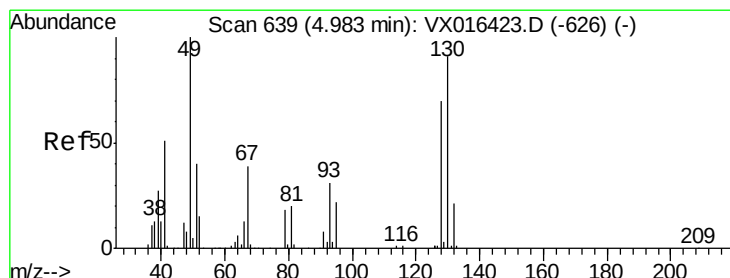
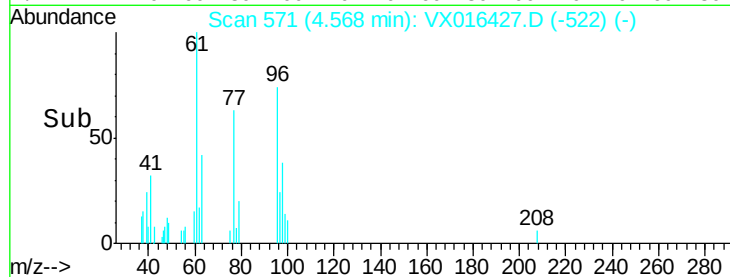
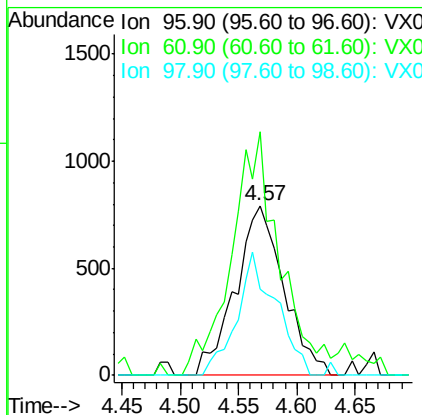
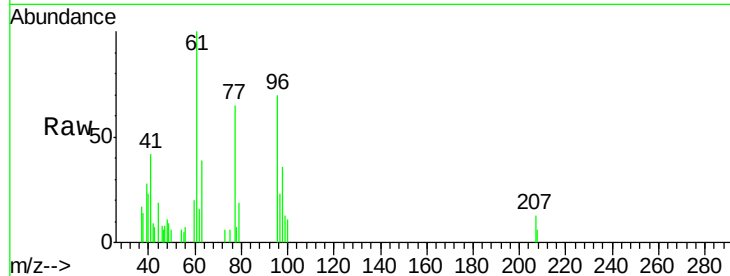
cis-1,2-Dichloroethene
Concen: 1.378 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	271.0
98	58.4	0.0	127.6

Manual Integrations
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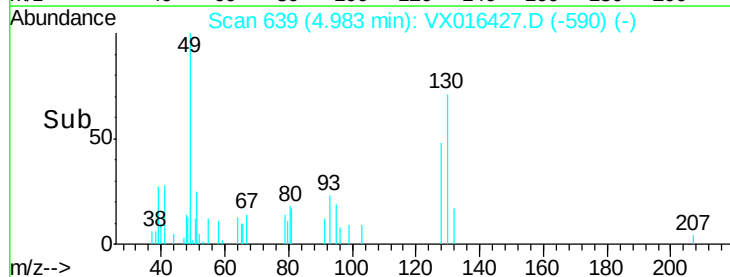
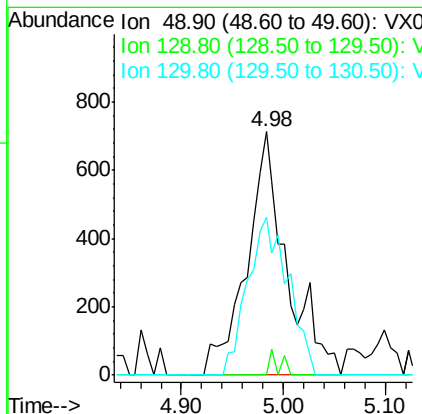
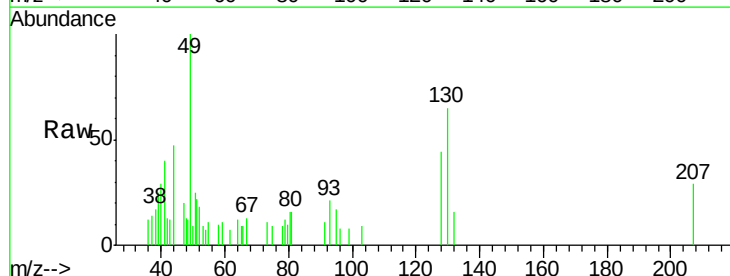
MMDadoda
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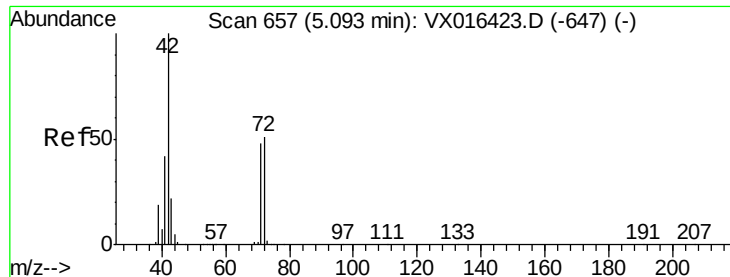


#28

Bromochloromethane
Concen: 1.631 ug/l m
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	65.0	71.2	106.8#





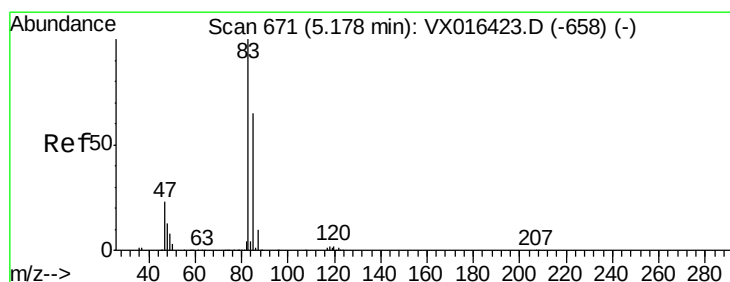
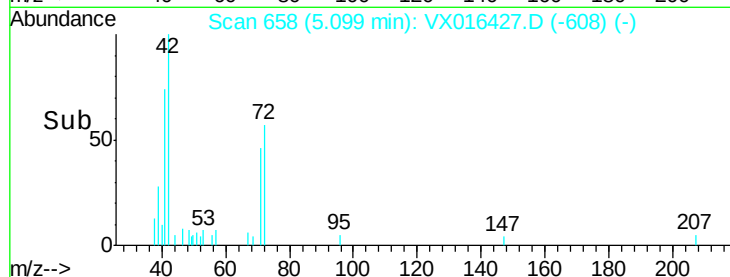
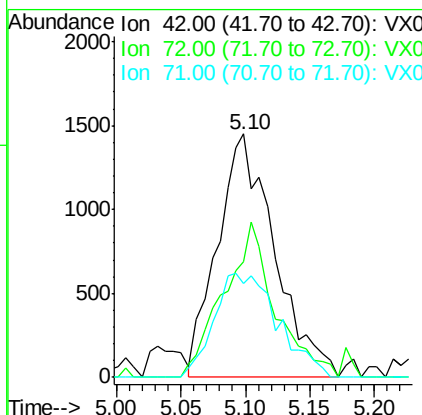
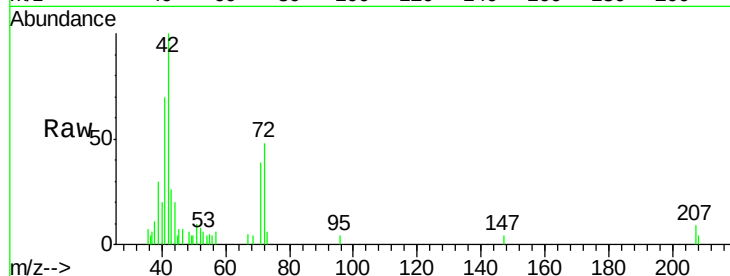
#29
Tetrahydrofuran
Concen: 5.546 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.2	40.2	60.4
71	47.6	37.7	56.5

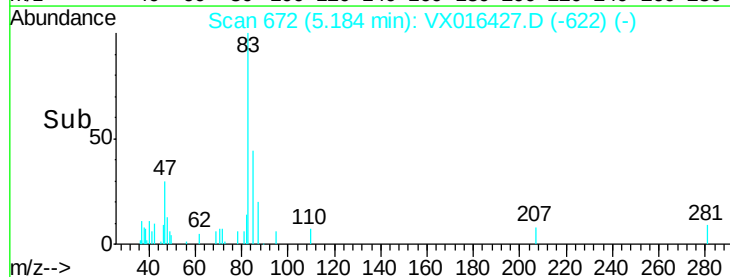
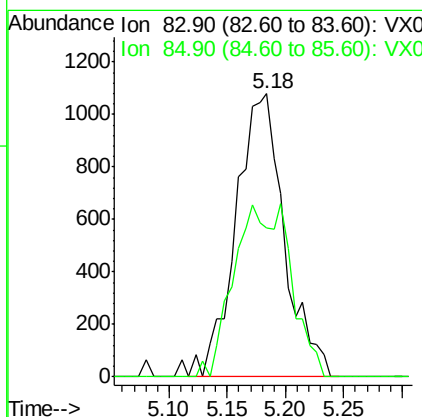
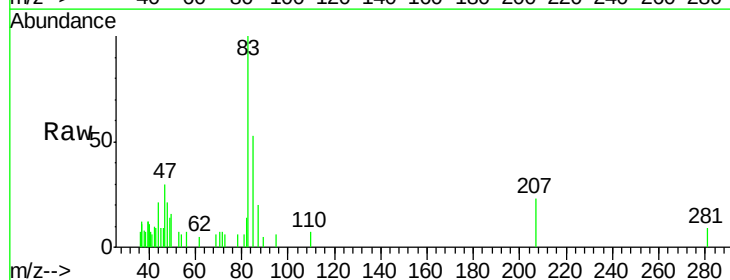
Manual Integrations
APPROVED

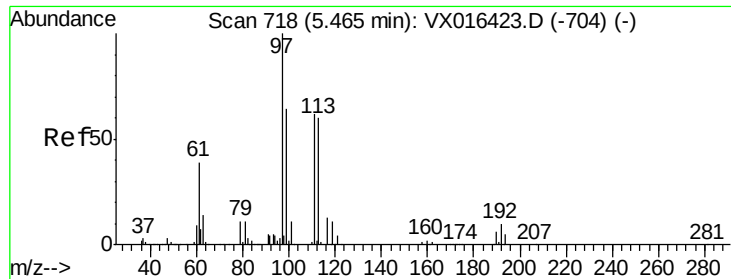
MMDadoda
5/27/2020 12:27:45 PM



#30
Chloroform
Concen: 1.183 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.8	52.1	78.1





#32

1,1,1-Trichloroethane

Concen: 1.332 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

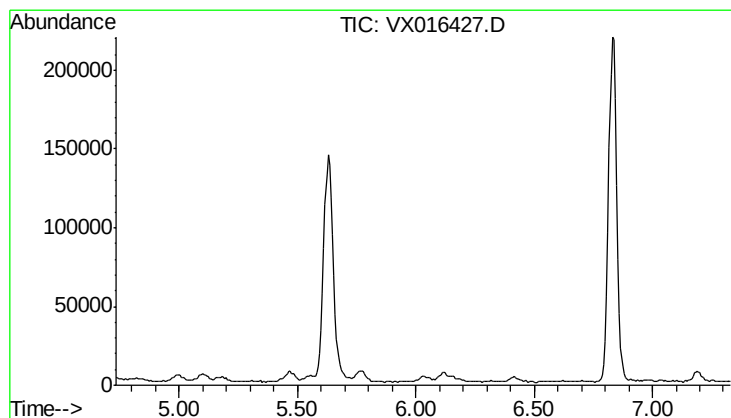
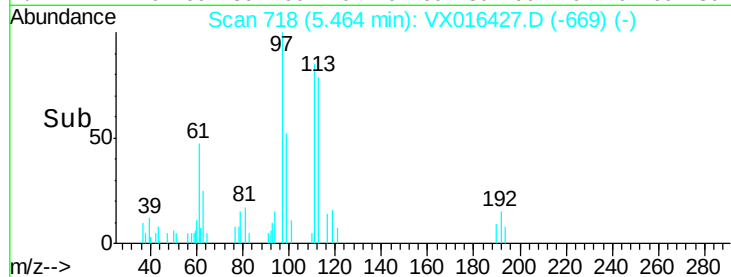
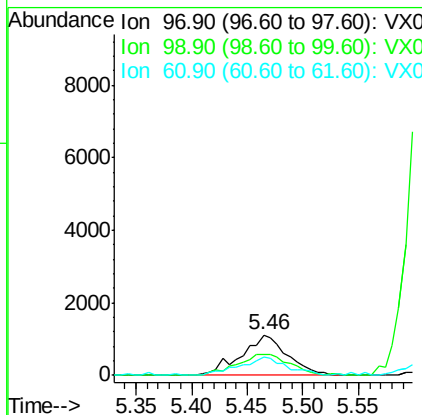
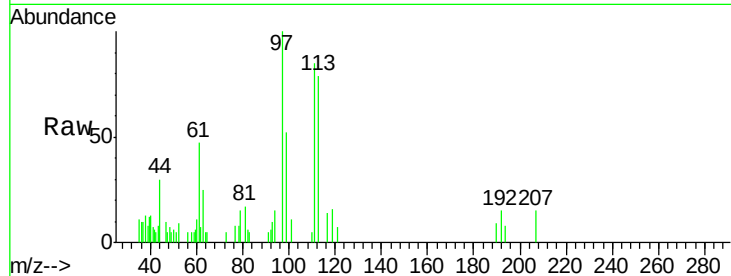
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3202
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.1	76.7#
61	45.6	33.1	49.7

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5/27/2020 12:27:45 PM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016427.D

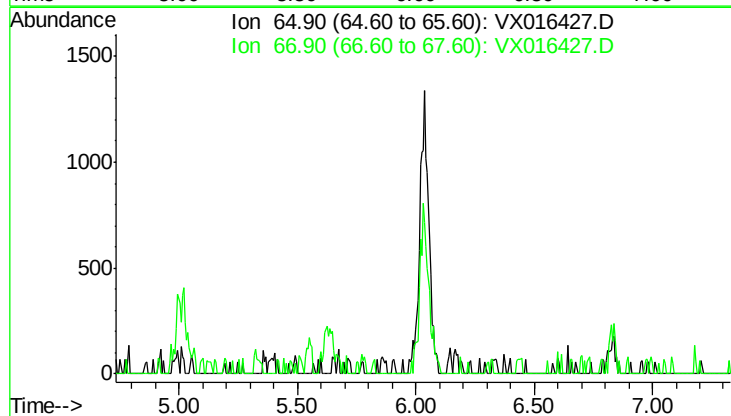
Acq: 26 May 2020 15:32

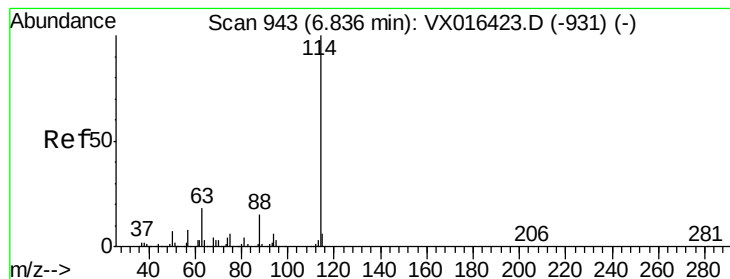
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

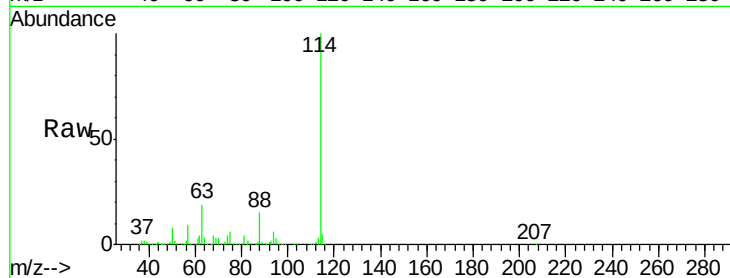
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp Lower	Upper
114	100			
63	18.9	0.0	36.4	
88	14.7	0.0	29.2	

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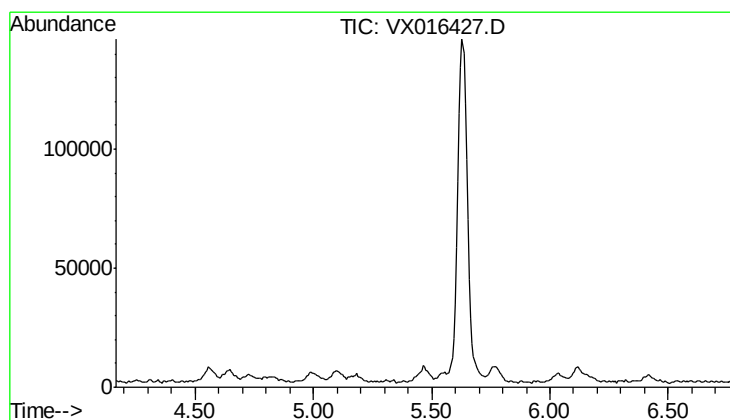
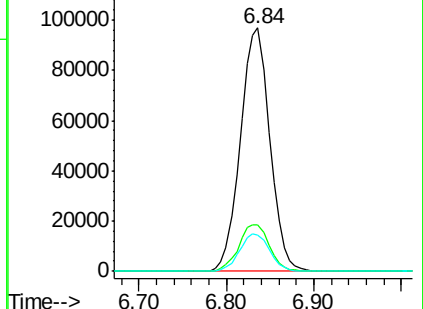
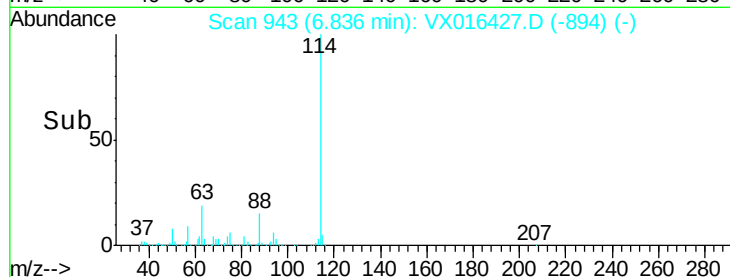
MMDadoda
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

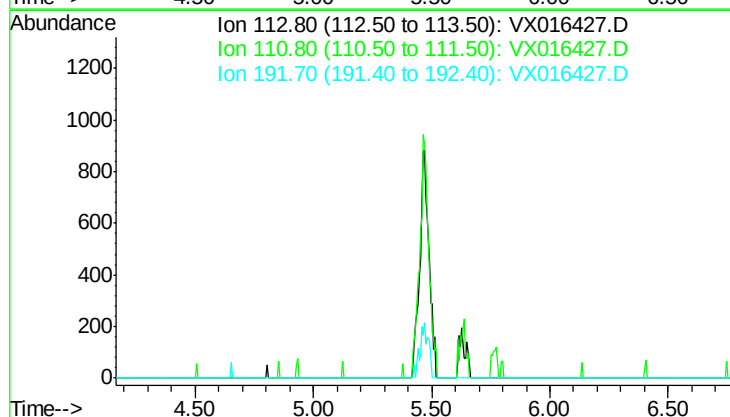
Concen: 0.000 ug/l

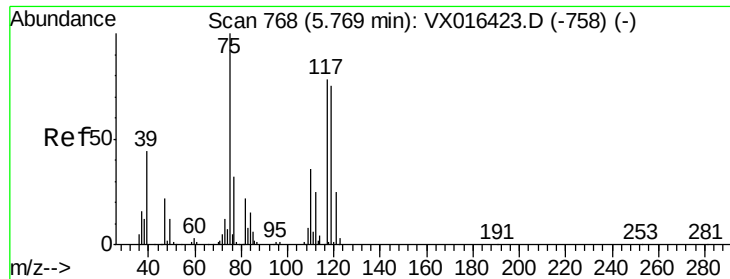
Expected RT: 5.46 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion	Exp Ratio
113	100
111	103.1
192	20.6





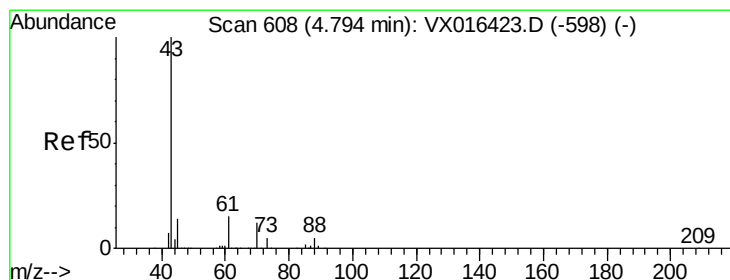
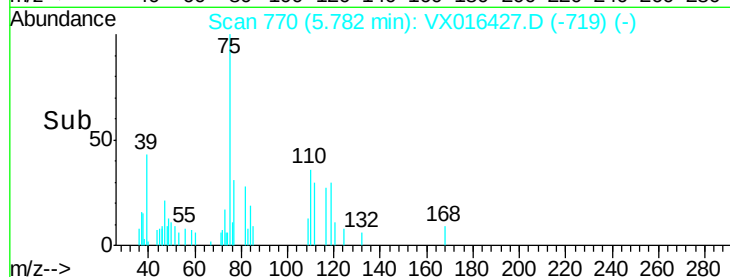
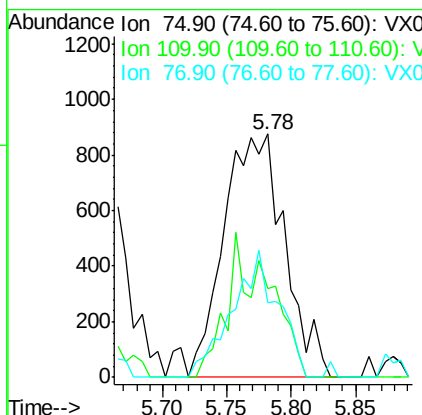
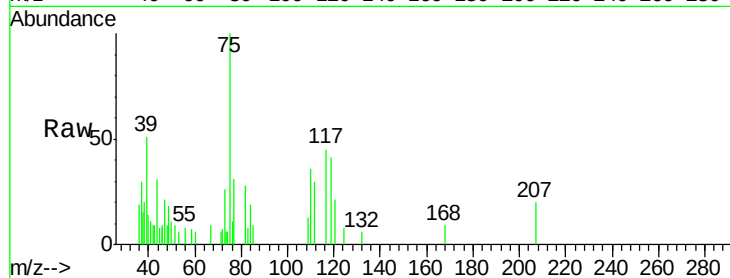
#36
 1,1-Dichloropropene
 Concen: 1.292 ug/l
 RT: 5.78 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.7	56.1#
77	39.5	24.9	37.3#

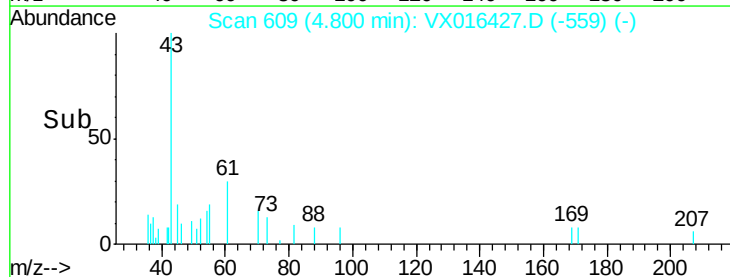
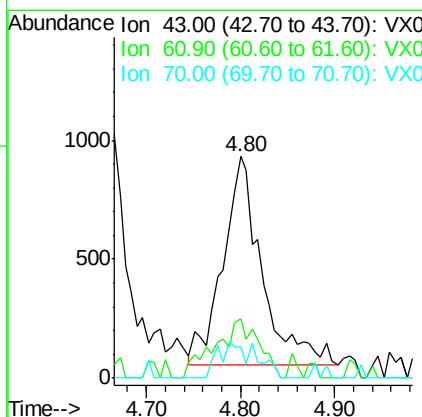
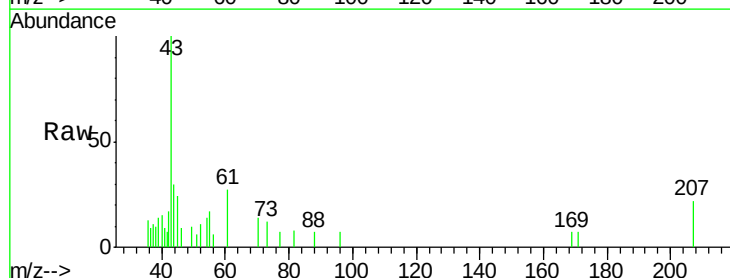
Manual Integrations
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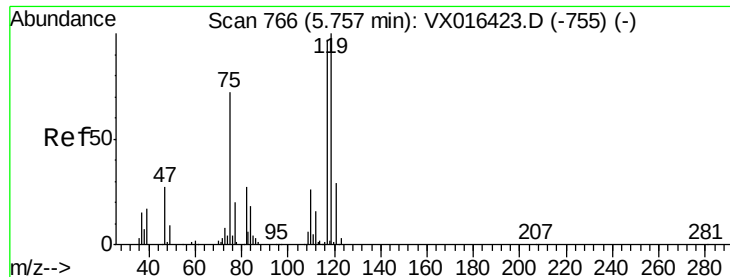
MMDadoda
 5/27/2020 12:27:45 PM



#37
 Ethyl Acetate
 Concen: 0.995 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.9	11.8	17.8#
70	10.9	9.6	14.4





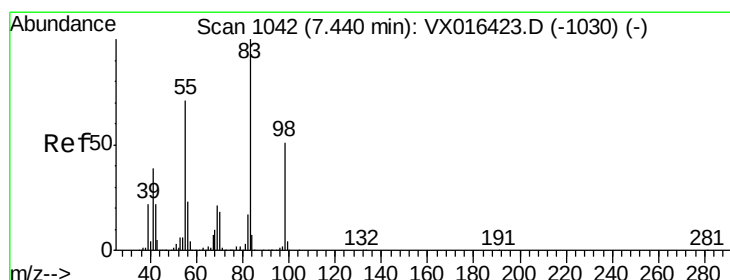
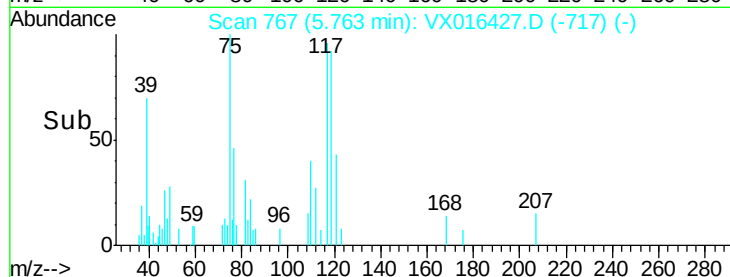
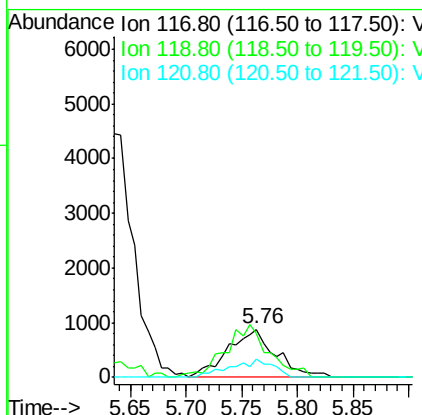
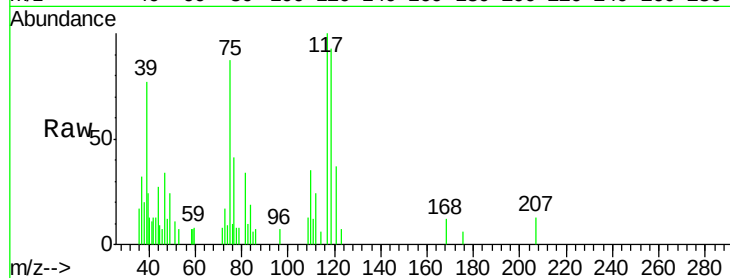
#38
Carbon Tetrachloride
Concen: 1.172 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.0	82.2	123.4
121	37.2	24.1	36.1#

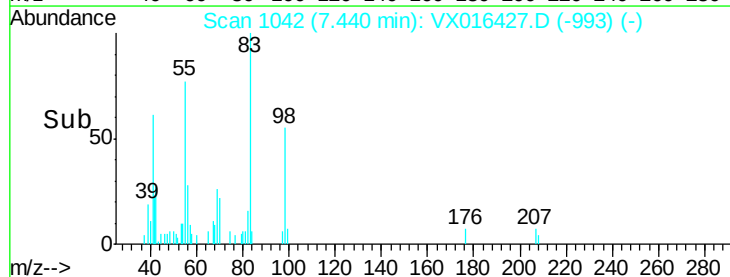
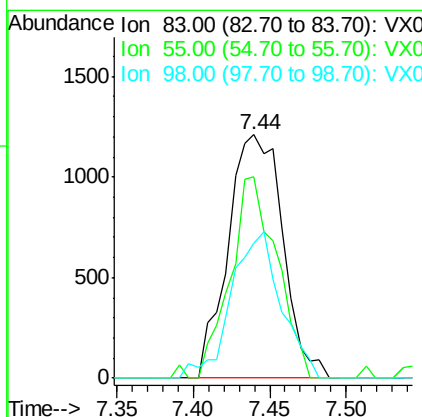
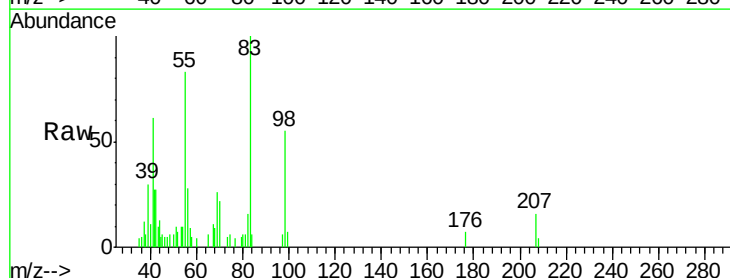
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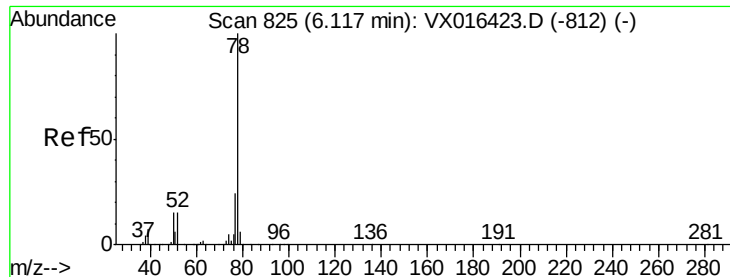
MMDadoda
5/27/2020 12:27:45 PM



#39
Methylcyclohexane
Concen: 1.149 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.7	56.8	85.2
98	55.2	40.6	61.0





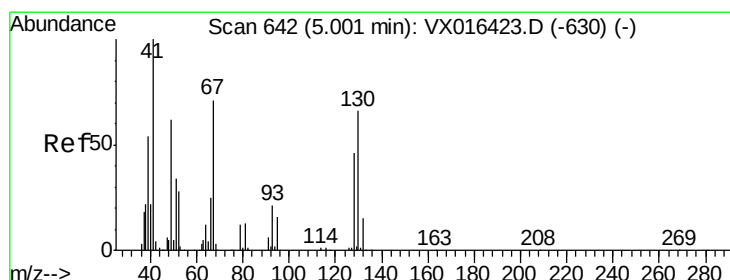
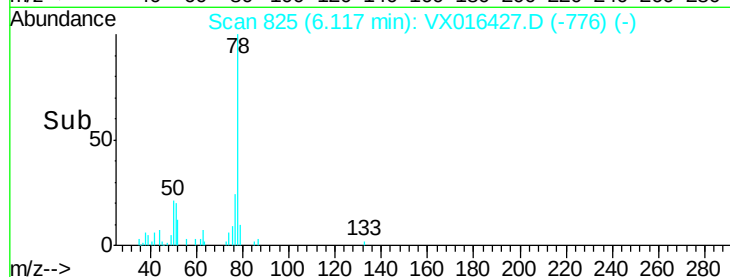
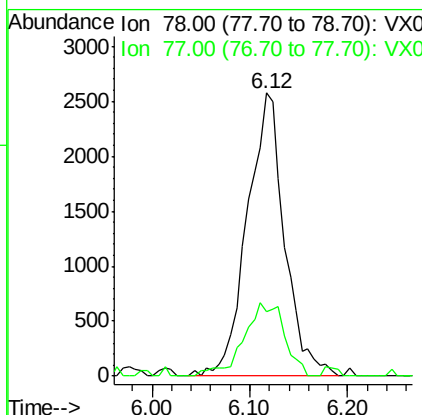
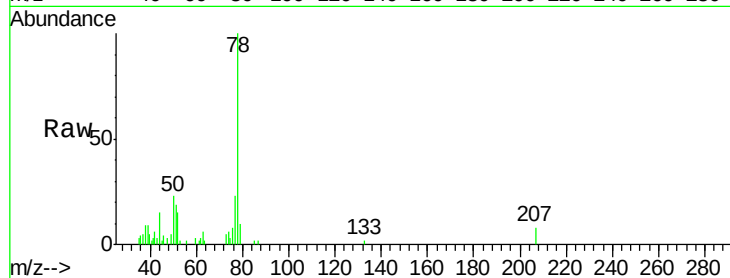
#40
Benzene
Concen: 1.049 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3

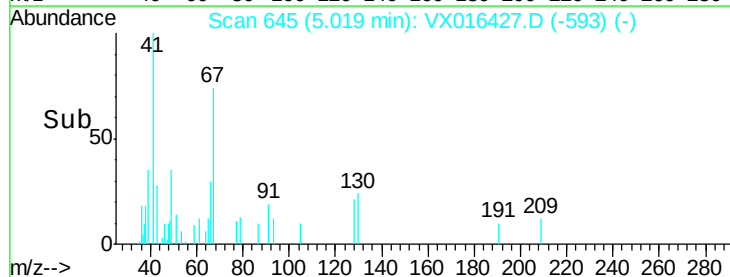
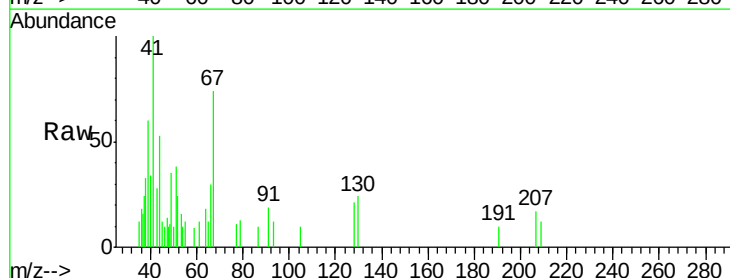
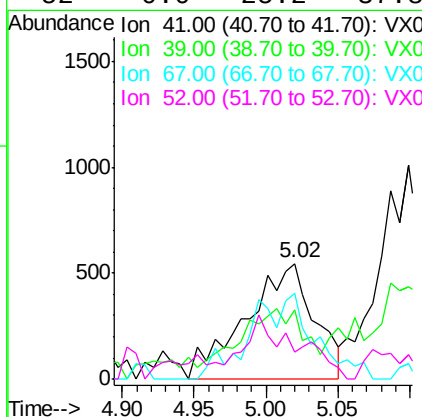
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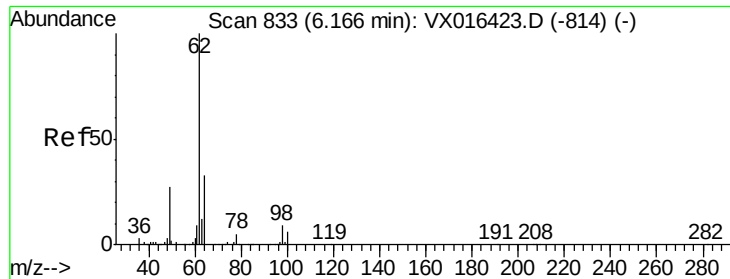
MMDadoda
5/27/2020 12:27:45 PM



#41
Methacrylonitrile
Concen: 1.326 ug/l
RT: 5.02 min Scan# 645
Delta R.T. 0.02 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.4	66.6#
67	36.5	62.2	93.4#
52	0.0	25.2	37.8#





#42

1,2-Dichloroethane

Concen: 1.117 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016427.D

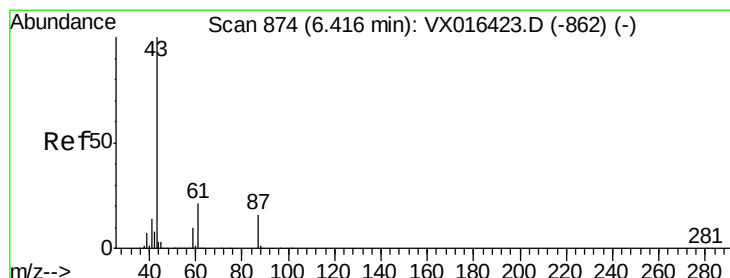
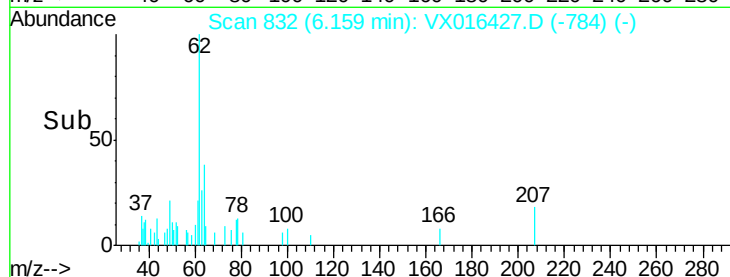
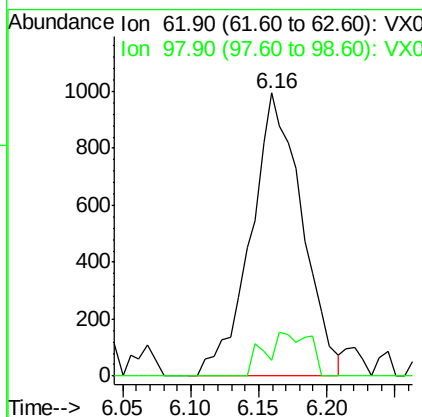
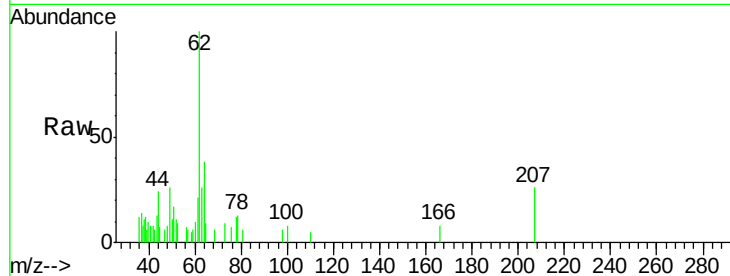
Acq: 26 May 2020 15:32

Tot Ion:	62	Resp:	2612
Ion Ratio	Lower	Upper	
62	100		
98	13.3	0.0	19.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
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5/27/2020 12:27:45 PM



#43

Isopropyl Acetate

Concen: 1.097 ug/l

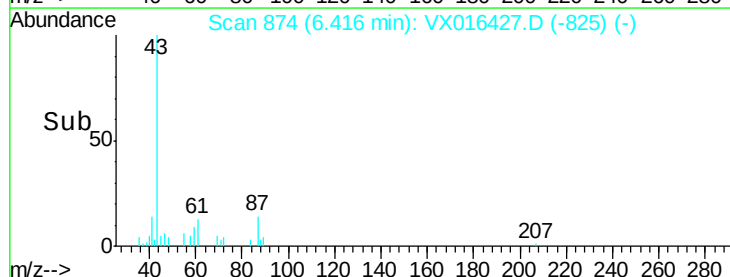
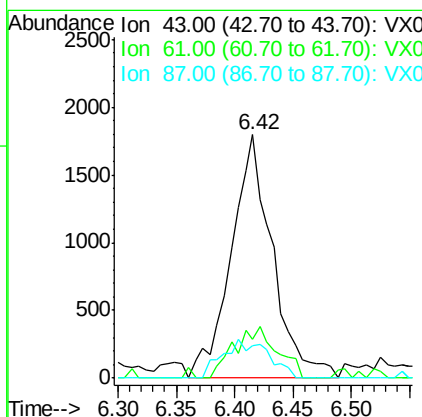
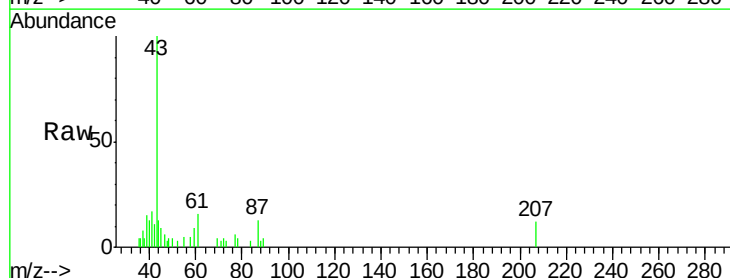
RT: 6.42 min Scan# 874

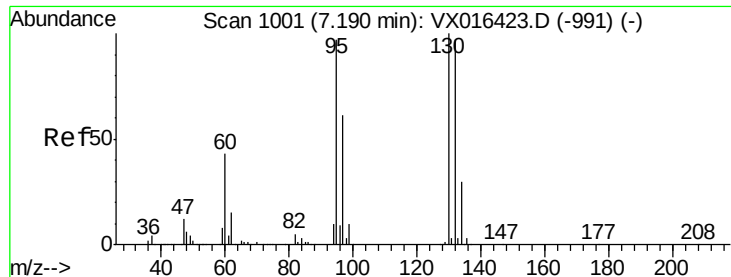
Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	43	Resp:	4439
Ion Ratio	Lower	Upper	
43	100		
61	21.7	17.2	25.8
87	17.3	12.3	18.5





#44

Trichloroethene

Concen: 1.175 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 2698

Ion Ratio Lower Upper

130 100

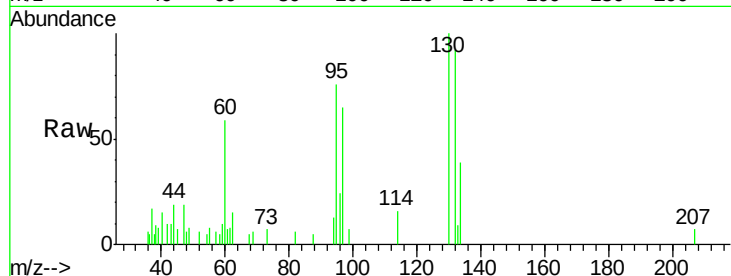
95 75.6 0.0 194.0

Manual Integrations

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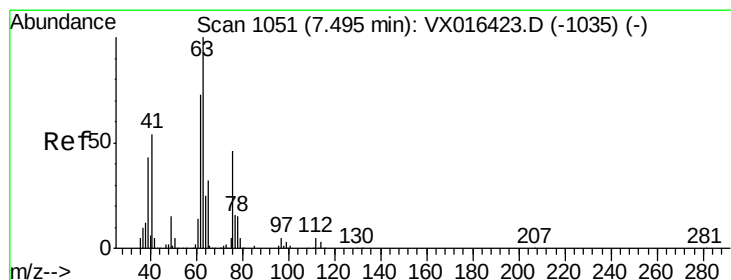
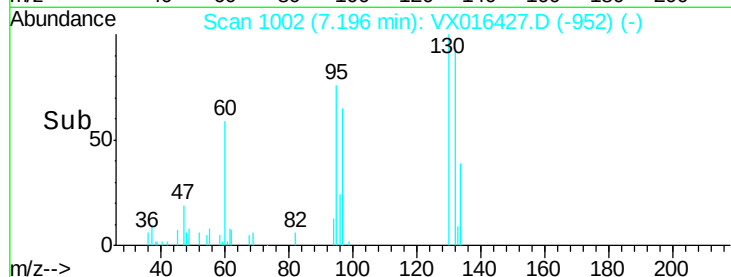
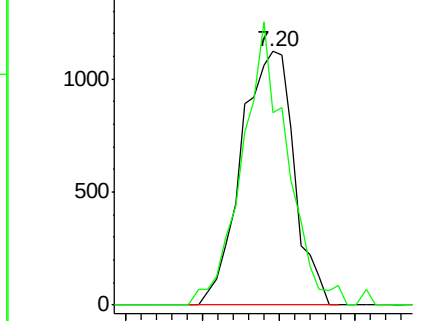
MMDadoda

5/27/2020 12:27:45 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.149 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX016427.D

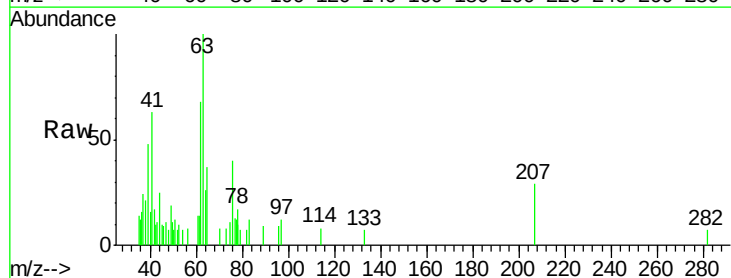
Acq: 26 May 2020 15:32

Tgt Ion: 63 Resp: 1875

Ion Ratio Lower Upper

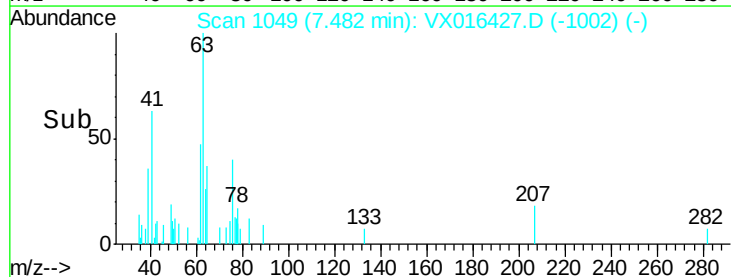
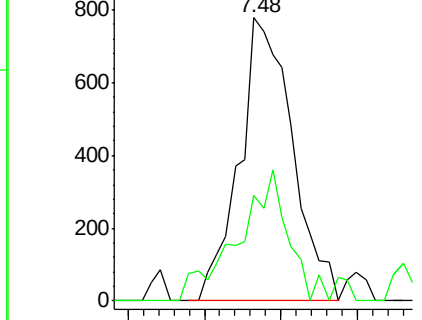
63 100

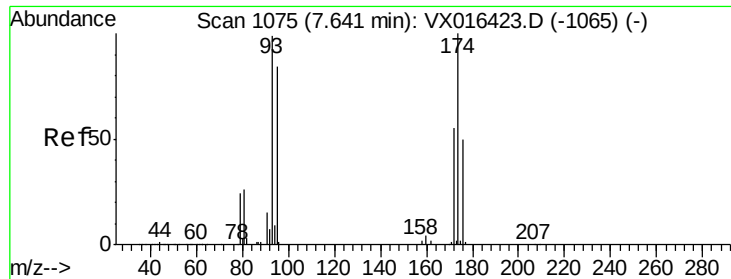
65 28.9 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





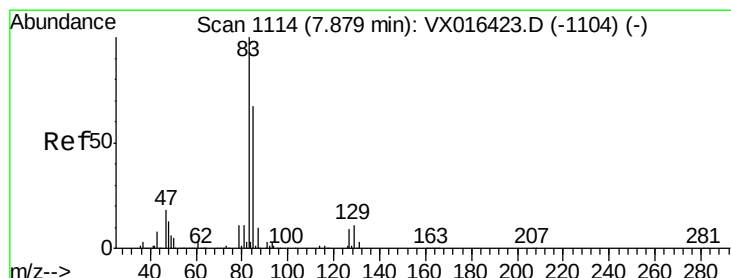
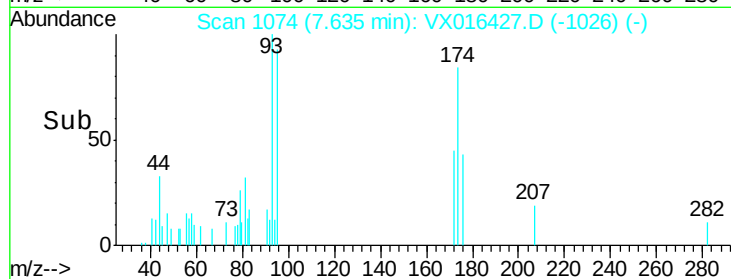
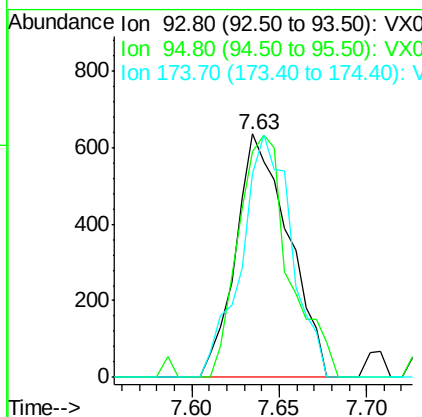
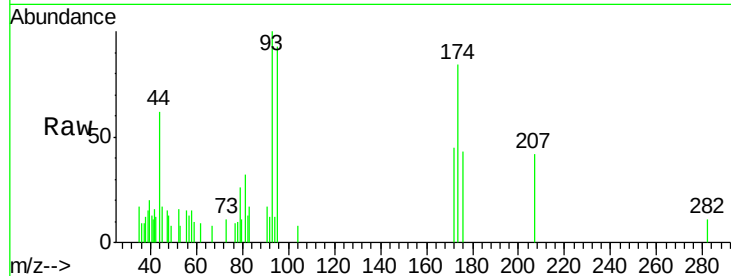
#46
Dibromomethane
Concen: 1.188 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	95.5	65.0	97.4
174	94.6	81.4	122.0

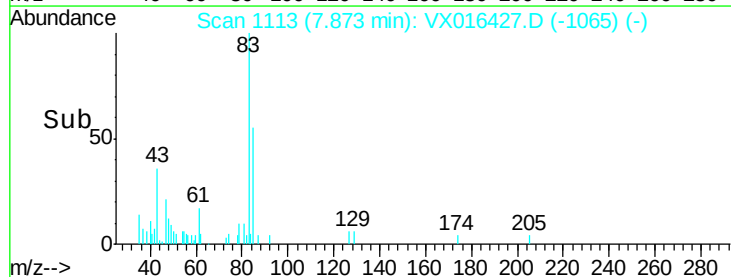
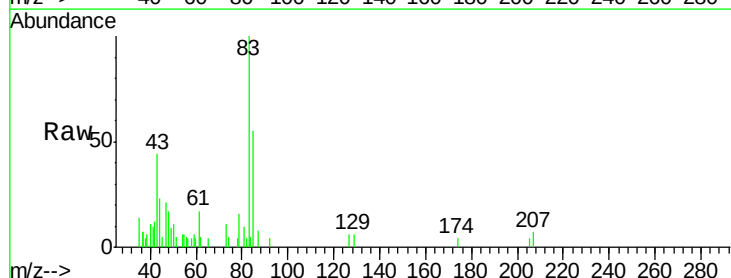
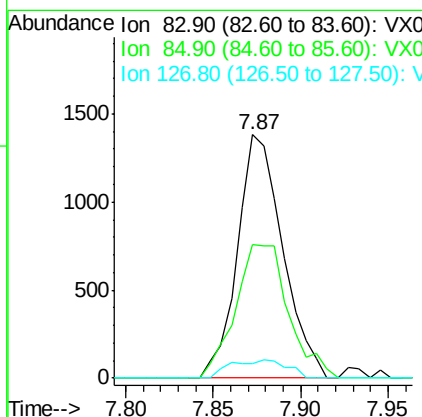
Manual Integrations
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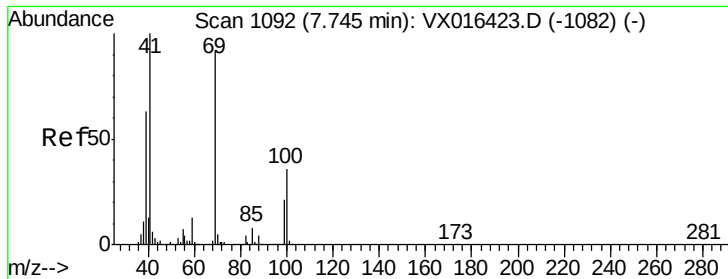
MMDadoda
5/27/2020 12:27:45 PM



#47
Bromodichloromethane
Concen: 1.092 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.1	53.8	80.8#
127	5.7	7.4	11.2#





#48

Methvl methacrylate

Concen: 0.959 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

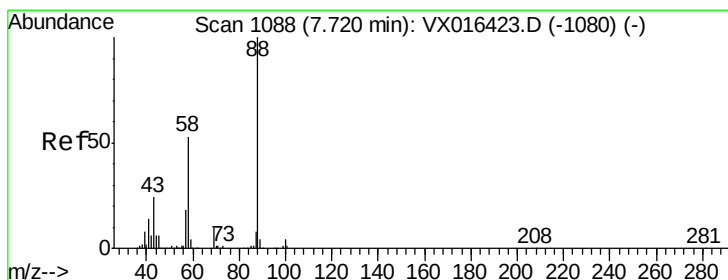
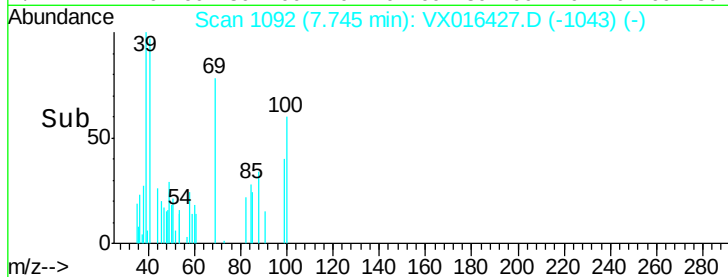
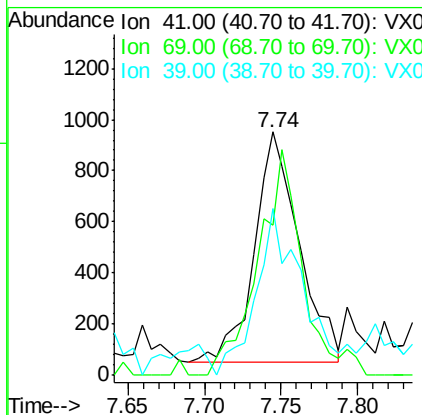
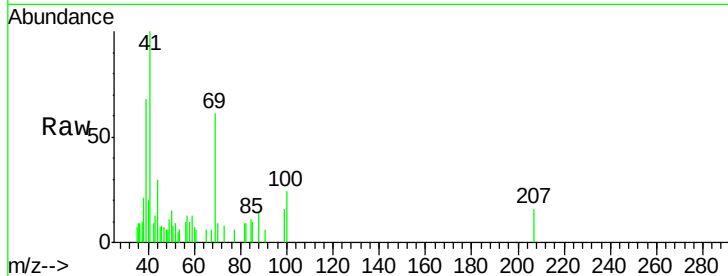
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	1829
Ion	Ratio	Lower	Upper
41	100		
69	97.2	71.8	107.8
39	73.7	48.6	73.0#

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:45 PM



#49

1,4-Dioxane

Concen: 19.772 ug/l

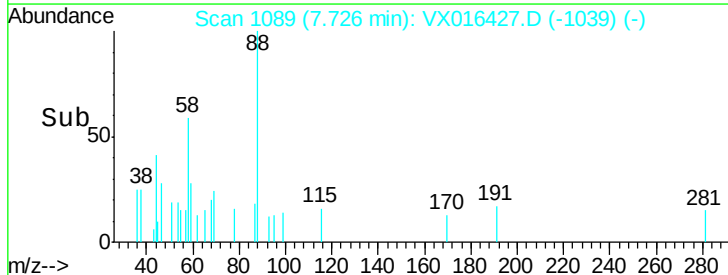
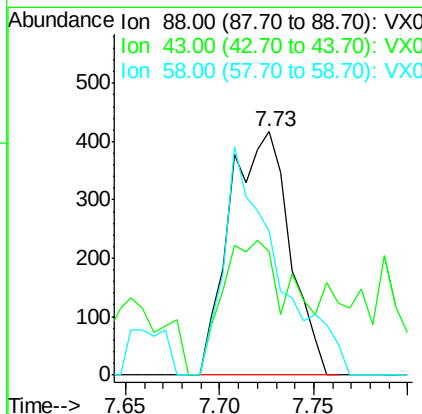
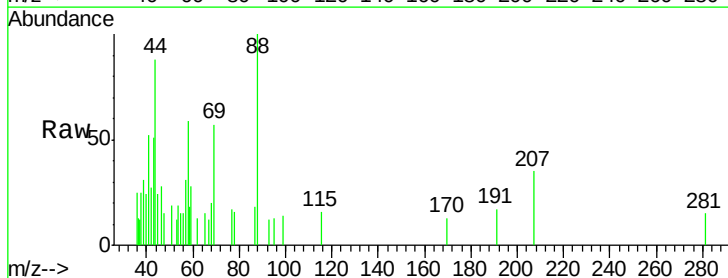
RT: 7.73 min Scan# 1089

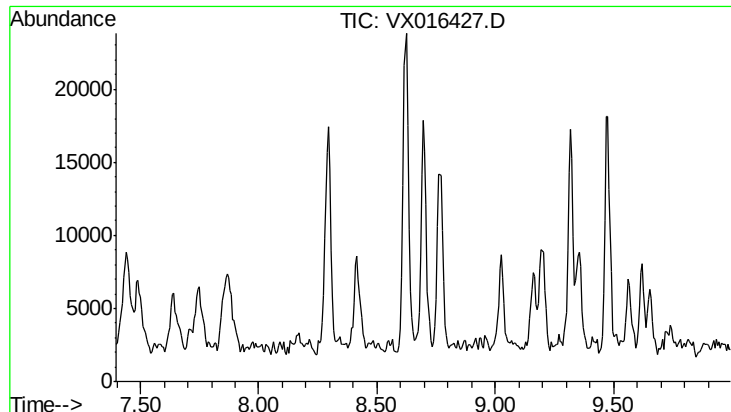
Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	88	Resp:	918
Ion	Ratio	Lower	Upper
88	100		
43	64.2	23.0	34.6#
58	83.7	51.7	77.5#





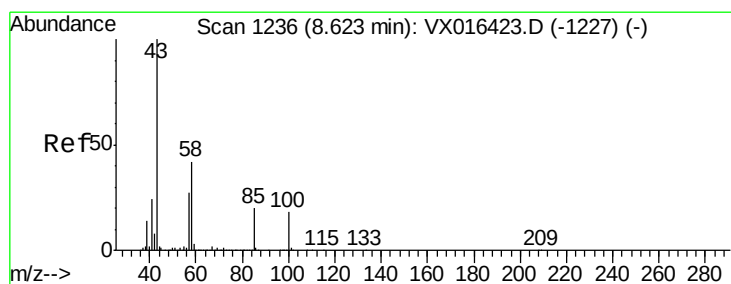
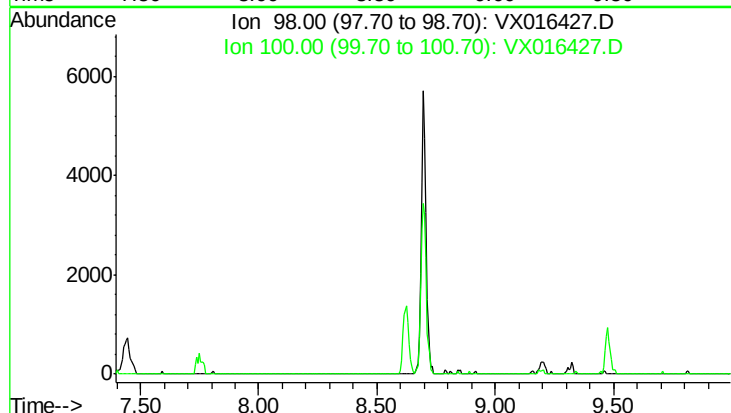
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.7

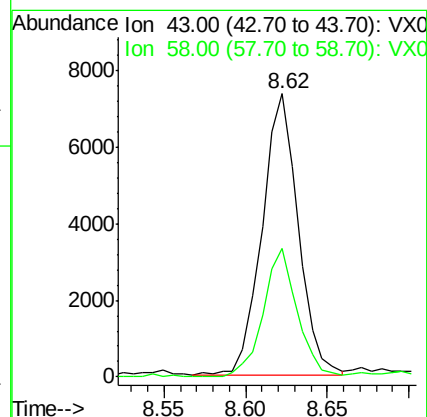
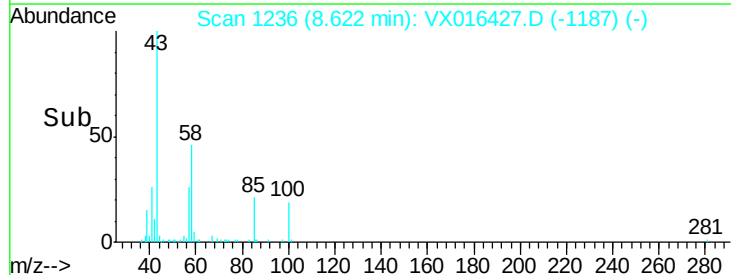
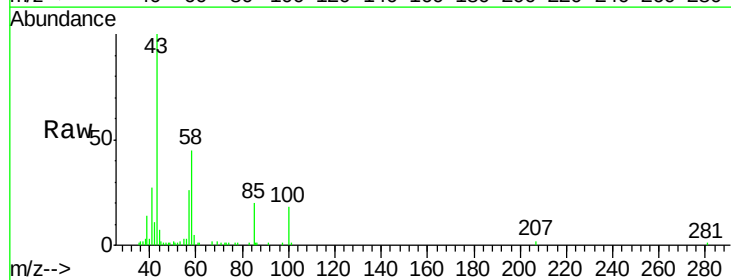
Manual Integrations
APPROVED

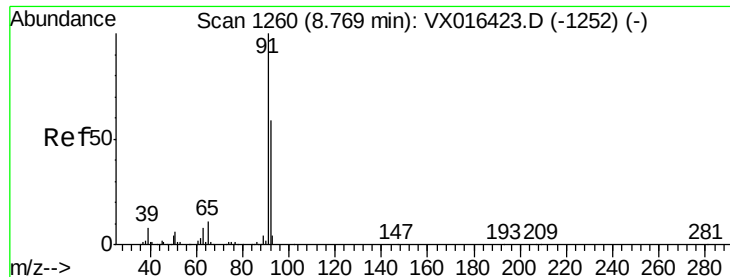
MMDadoda
5/27/2020 12:27:45 PM



#51
4-Methyl-2-Pentanone
Concen: 4.526 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 43 Resp: 11225
Ion Ratio Lower Upper
43 100
58 43.4 33.8 50.6





#52

Toluene

Concen: 1.100 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 4476

Ion Ratio Lower Upper

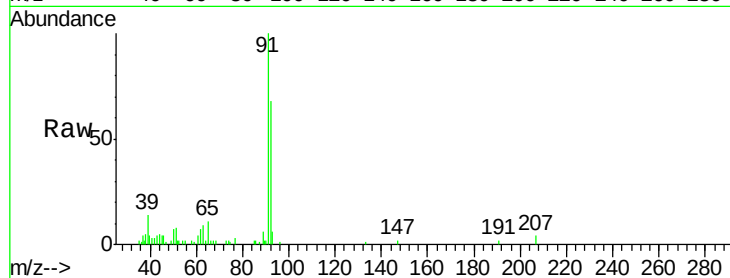
92 100

91 156.0 135.7 203.5

Manual Integrations
APPROVED

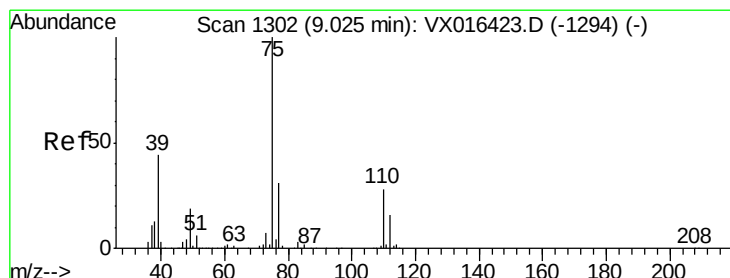
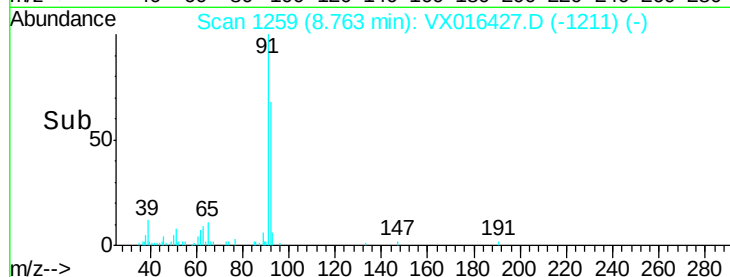
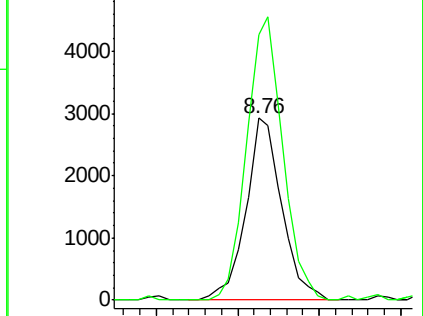
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.106 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016427.D

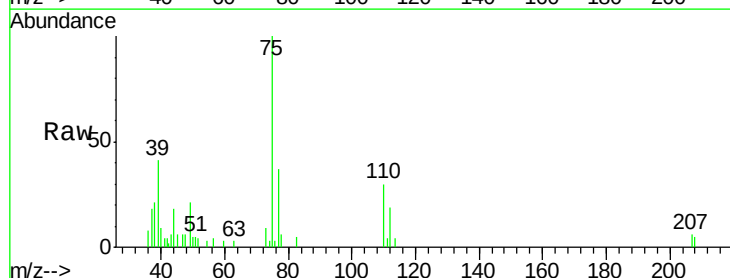
Acq: 26 May 2020 15:32

Tgt Ion: 75 Resp: 2995

Ion Ratio Lower Upper

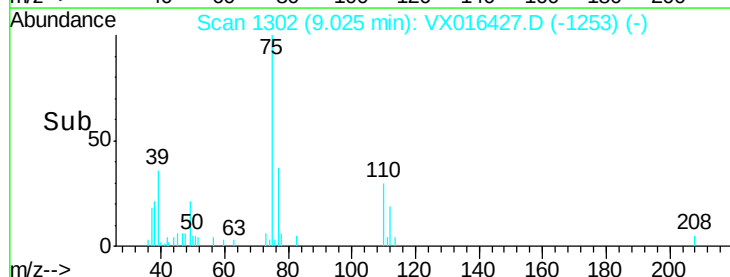
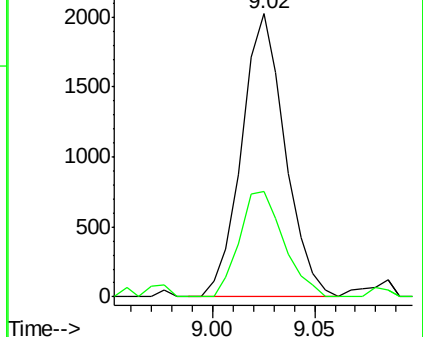
75 100

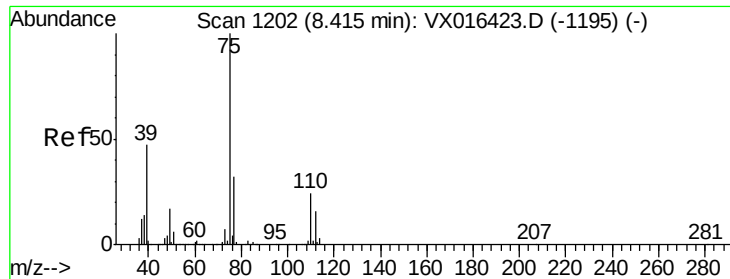
77 37.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 1.010 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

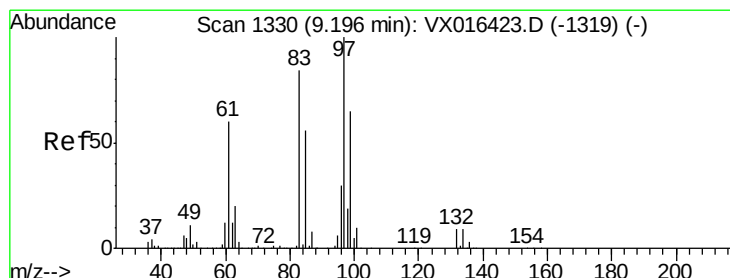
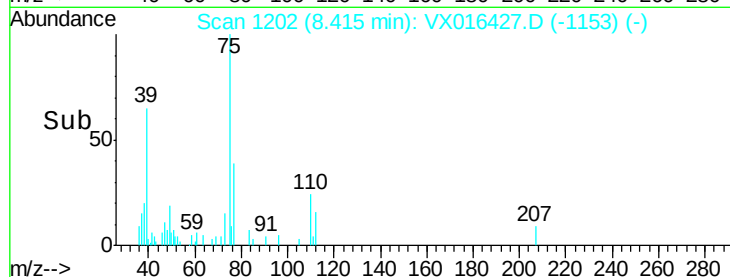
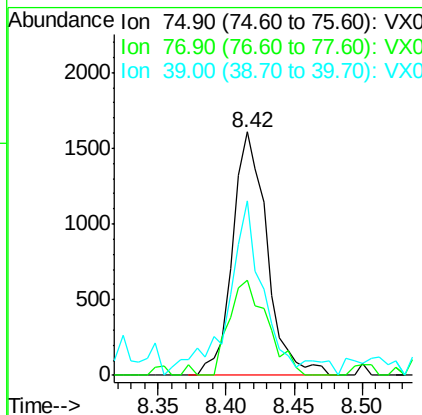
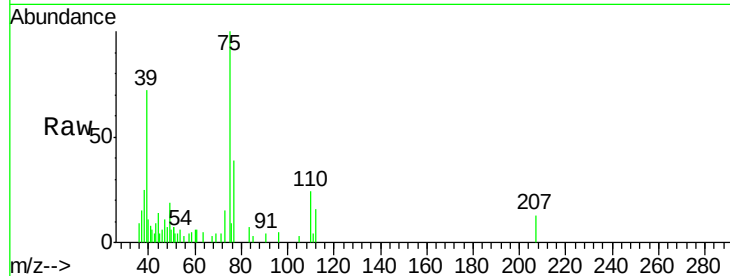
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2846
Ion	Ratio	Lower	Upper
75	100		
77	38.9	25.4	38.0#
39	71.7	37.7	56.5#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.074 ug/l

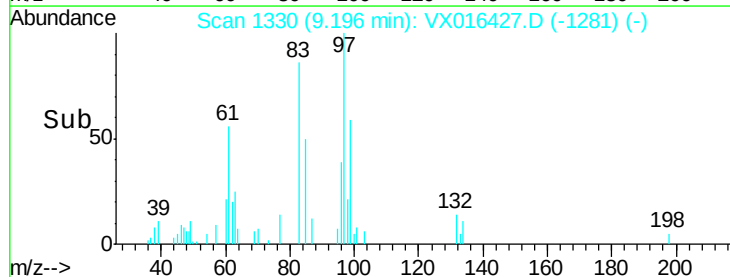
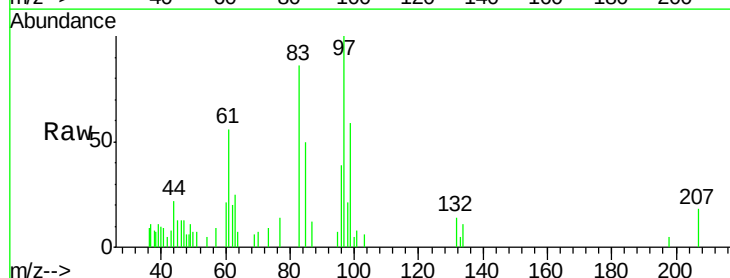
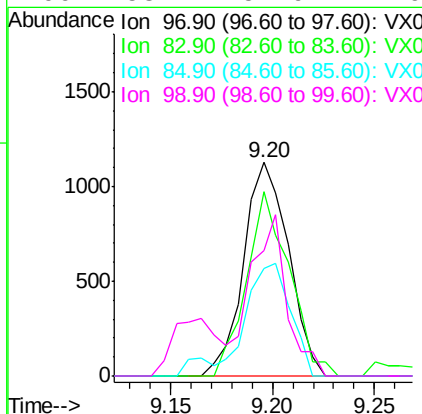
RT: 9.20 min Scan# 1330

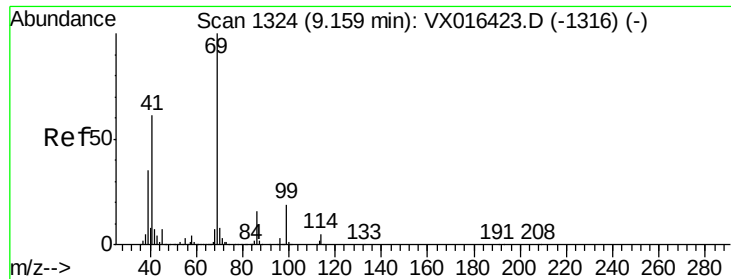
Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	97	Resp:	1726
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.9	100.3
85	50.1	45.2	67.8
99	58.7	51.9	77.9





#56

Ethyl methacrylate

Concen: 0.910 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

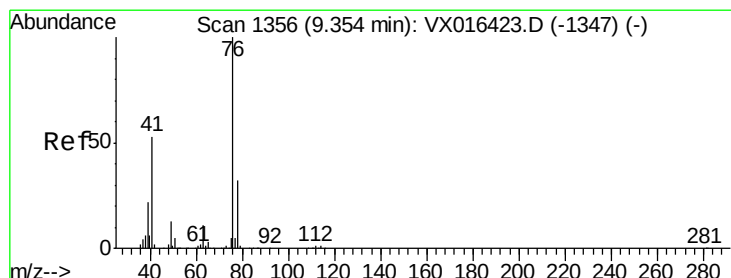
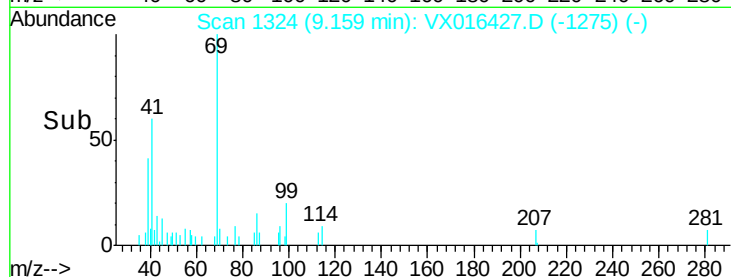
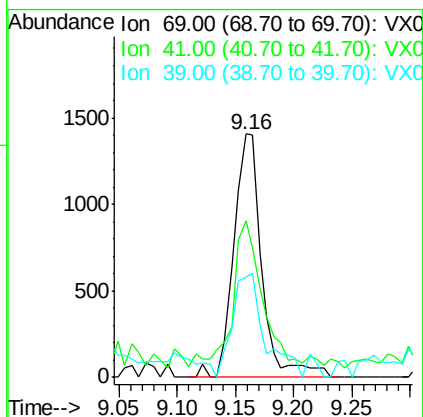
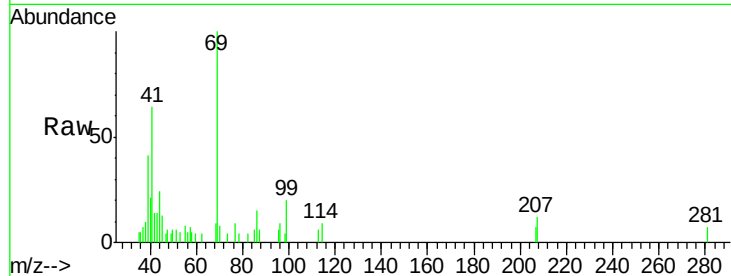
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2351
Ion Ratio	Lower	Upper	
69	100		
41	62.6	47.9	71.9
39	49.1	28.7	43.1#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.187 ug/l

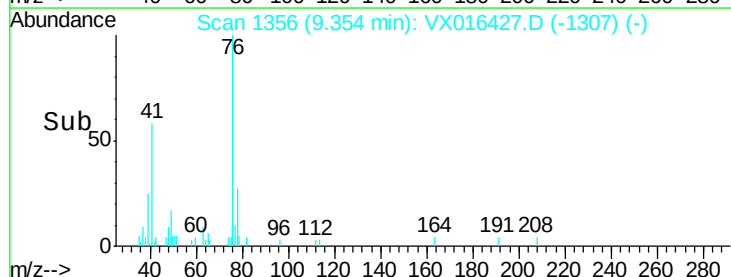
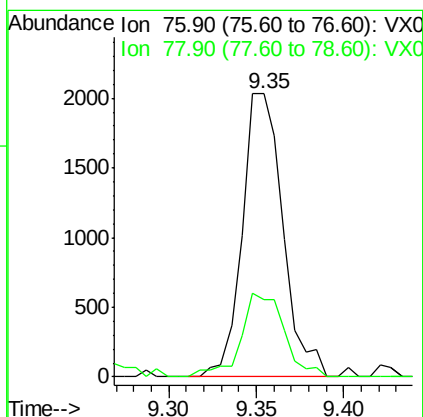
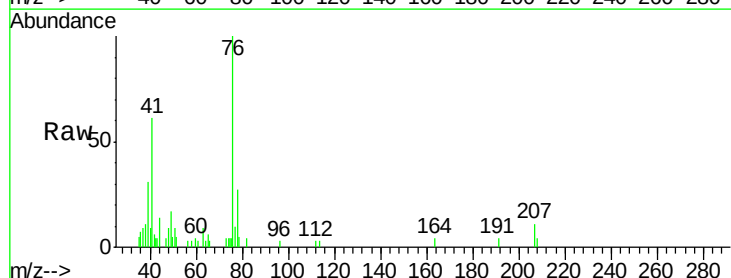
RT: 9.35 min Scan# 1356

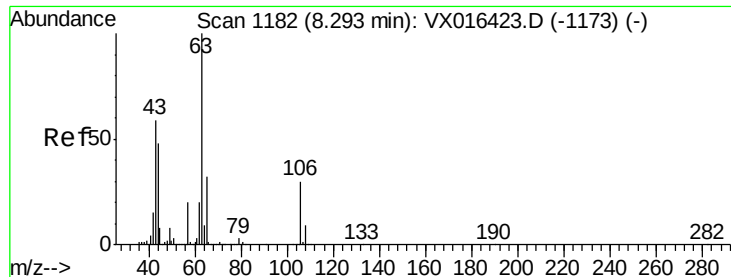
Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	76	Resp:	3303
Ion Ratio	Lower	Upper	
76	100		
78	31.6	26.1	39.1





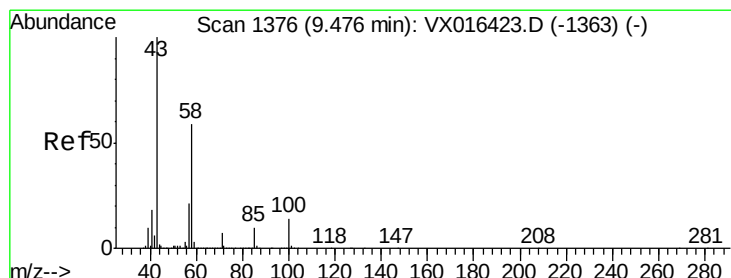
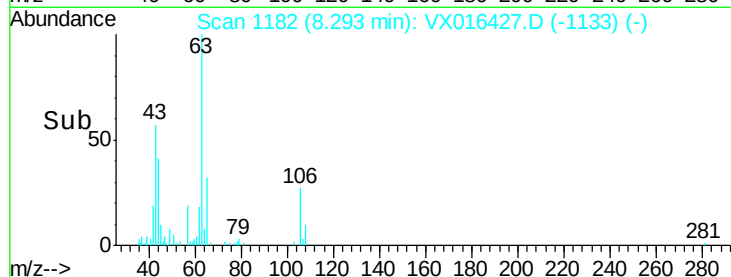
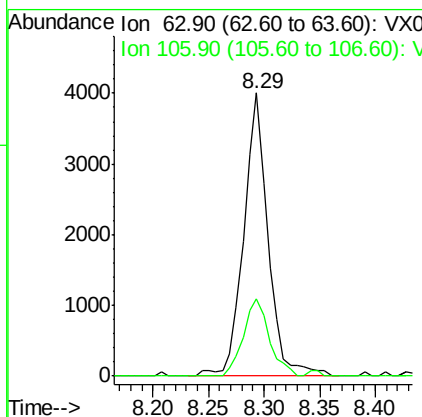
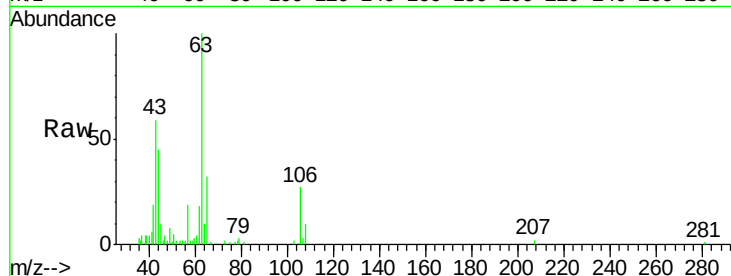
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.425 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 6074
 Ion Ratio Lower Upper
 63 100
 106 28.8 24.6 36.8

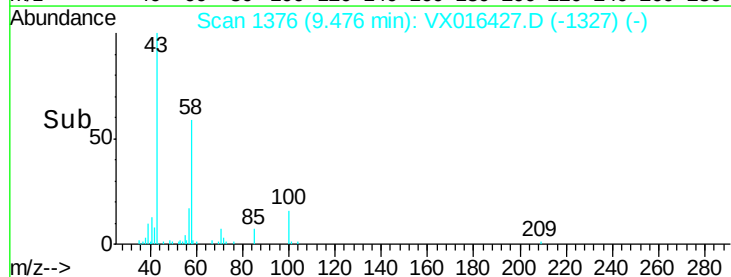
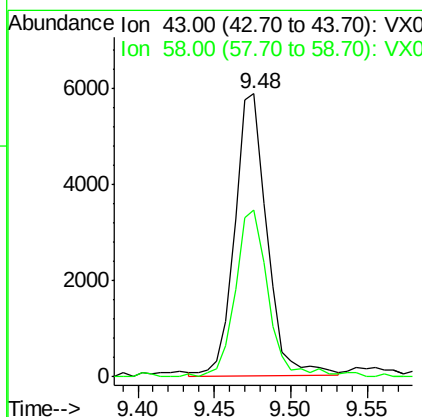
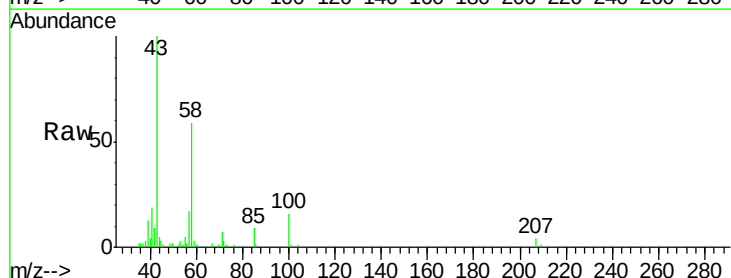
Manual Integrations
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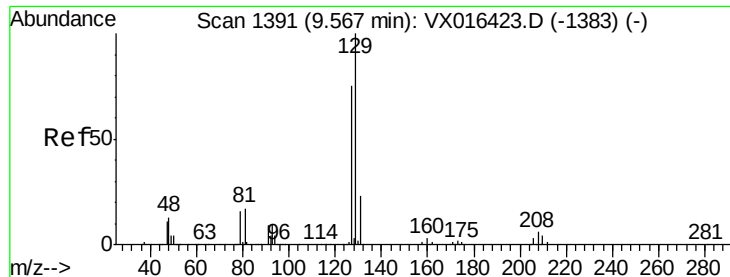
MMDadoda
 5/27/2020 12:27:45 PM



#59
 2-Hexanone
 Concen: 4.391 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion: 43 Resp: 8558
 Ion Ratio Lower Upper
 43 100
 58 60.2 29.1 87.3





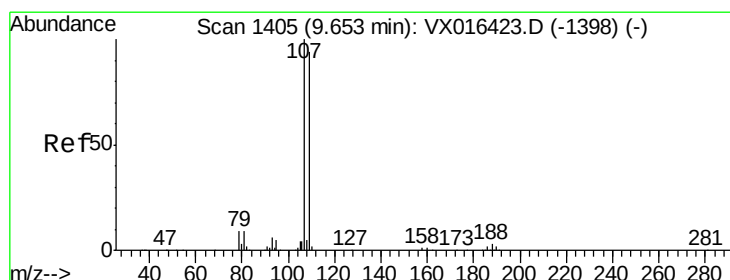
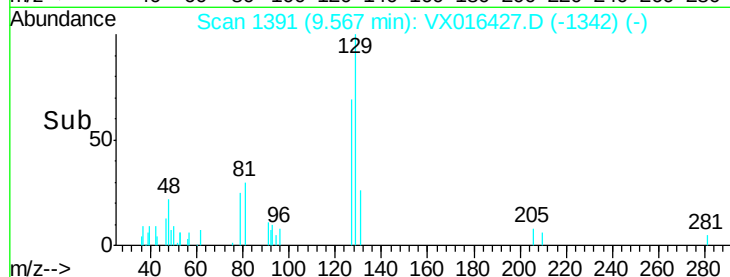
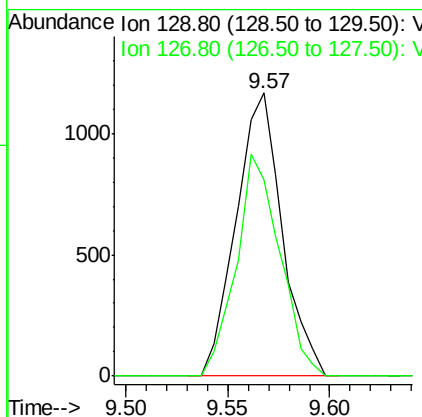
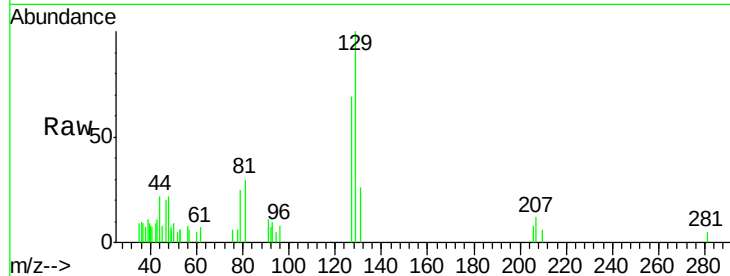
#60
Dibromochloromethane
Concen: 1.028 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	73.8	38.6	115.8

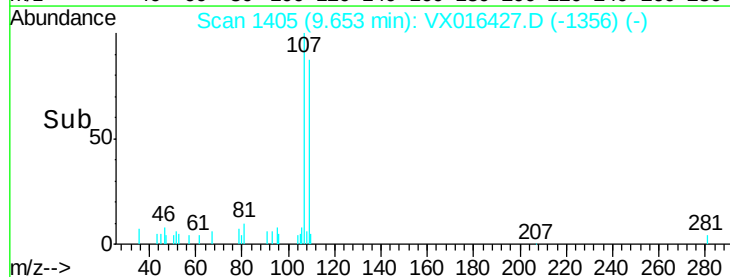
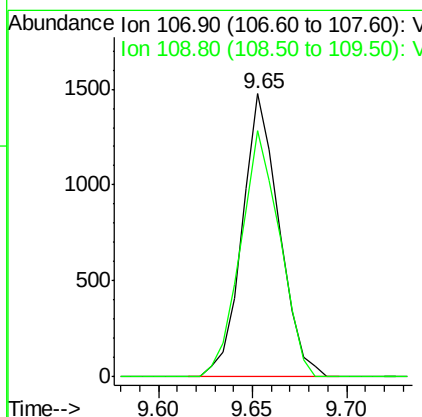
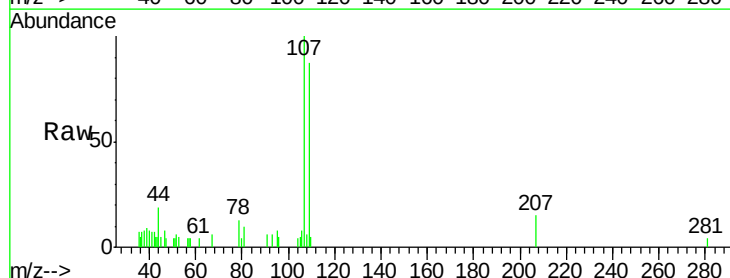
Manual Integrations
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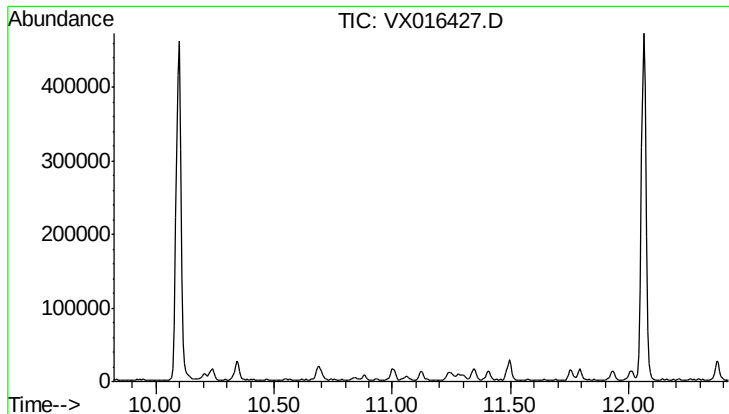
MMDadoda
5/27/2020 12:27:45 PM



#61
1,2-Dibromoethane
Concen: 1.147 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.0	112.6





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tot Ion	95
Sig	Exp Ratio
95	100
174	81.3
176	79.1

Instrument :

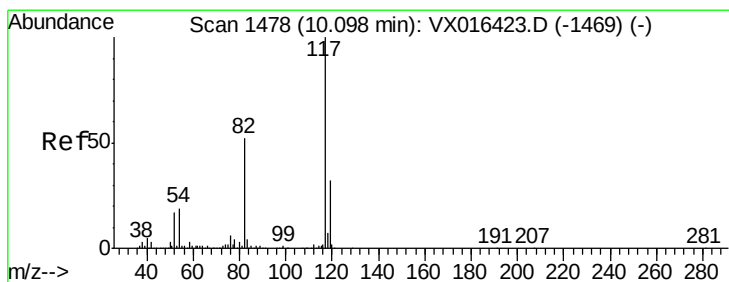
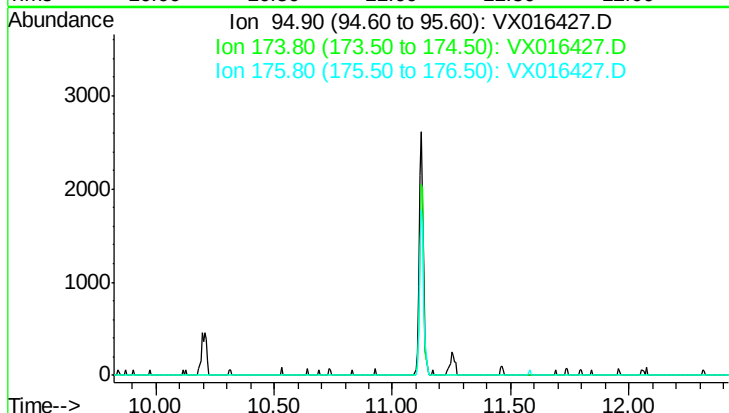
MSVOA_X

ClientSampleId :

VSTDIC001

Manual Integrations
APPROVED

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5/27/2020 12:27:45 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

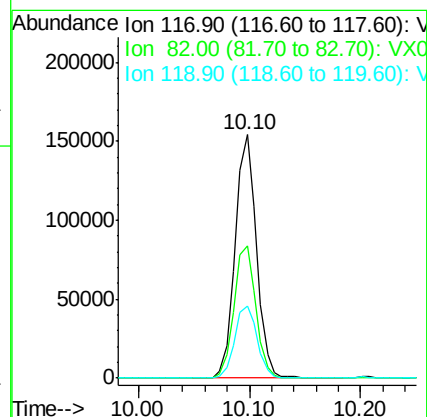
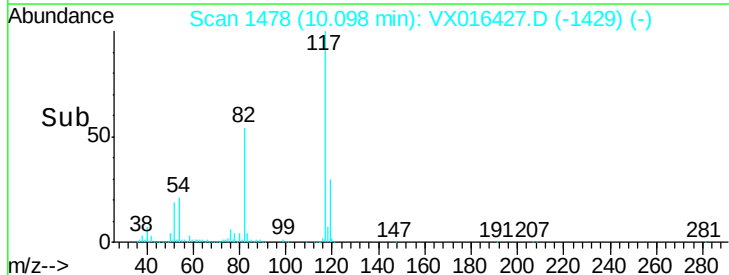
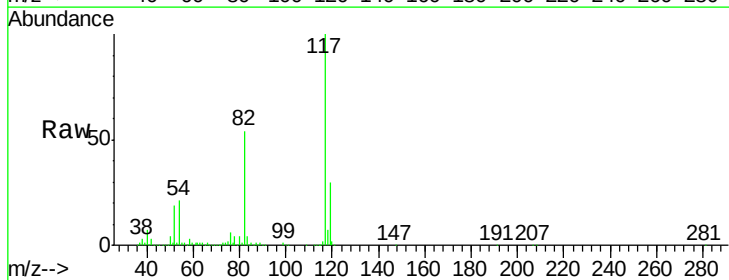
RT: 10.10 min Scan# 1478

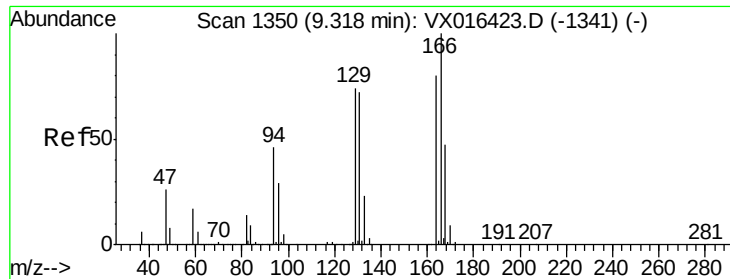
Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion	117	Resp	204343
Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.8	62.6
119	29.8	25.7	38.5





#64

Tetrachloroethene

Concen: 1.103 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2733

Ion Ratio Lower Upper

164 100

166 108.6 99.5 149.3

129 81.2 73.4 110.0

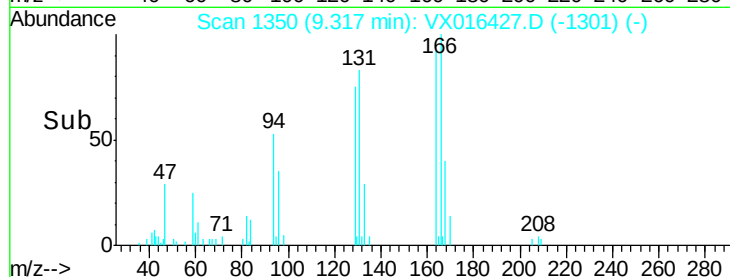
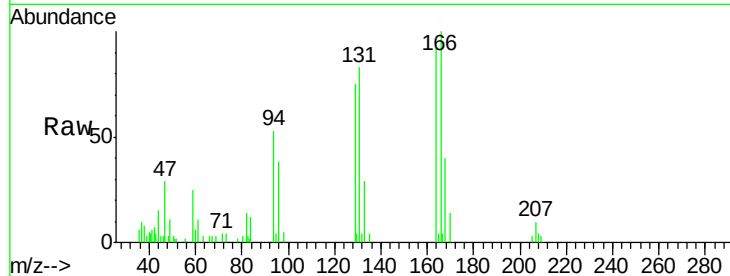
131 90.6 71.5 107.3

Manual Integrations

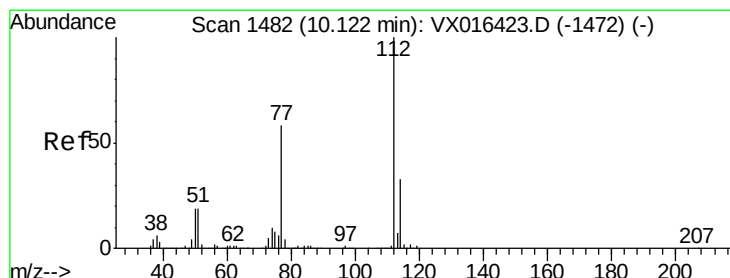
APPROVED

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5/27/2020 12:27:45 PM



Time-->



#65

Chlorobenzene

Concen: 1.090 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016427.D

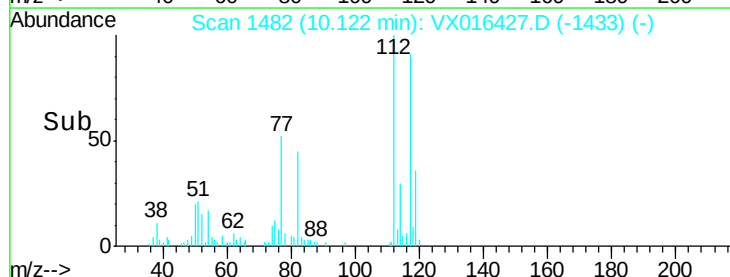
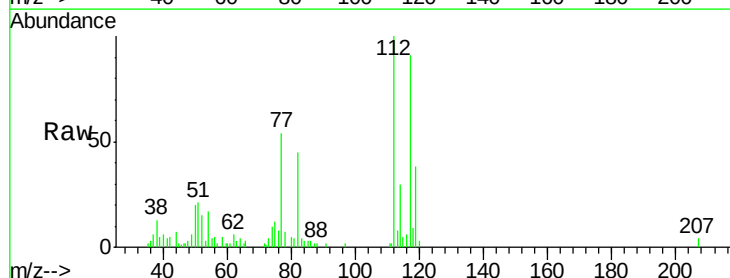
Acq: 26 May 2020 15:32

Tgt Ion:112 Resp: 4651

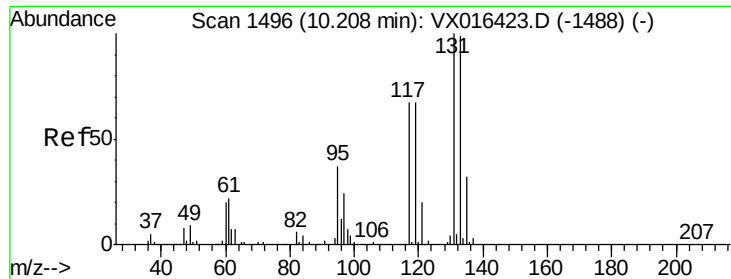
Ion Ratio Lower Upper

112 100

114 29.7 26.6 40.0



Time-->



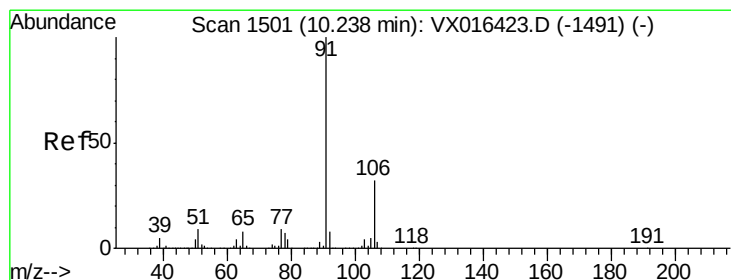
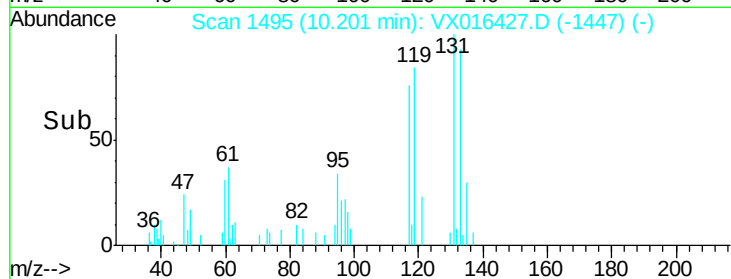
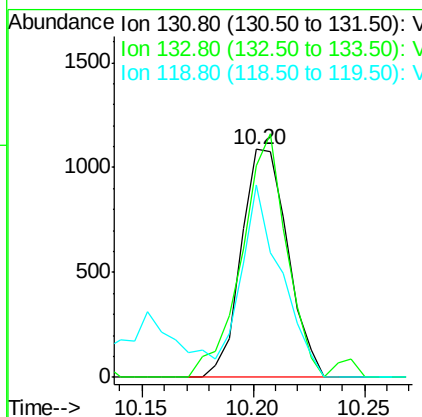
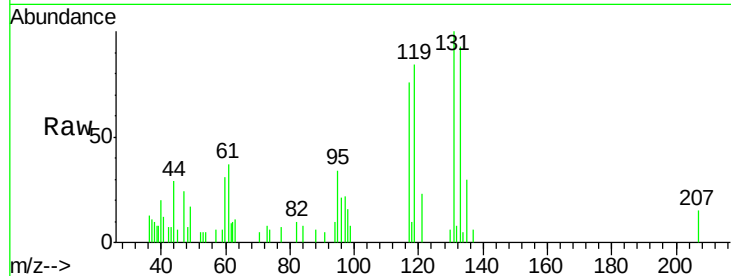
#66
1,1,1,2-Tetrachloroethane
Concen: 1.001 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	102.7	48.0	144.2
119	0.0	33.0	98.9#

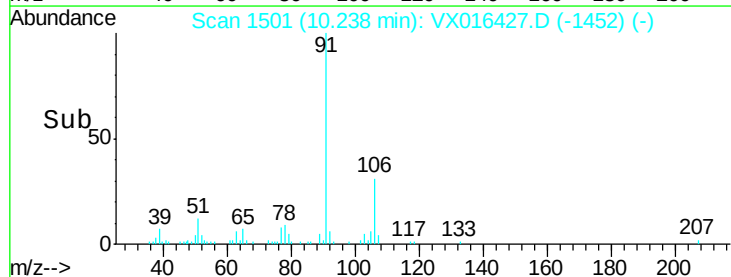
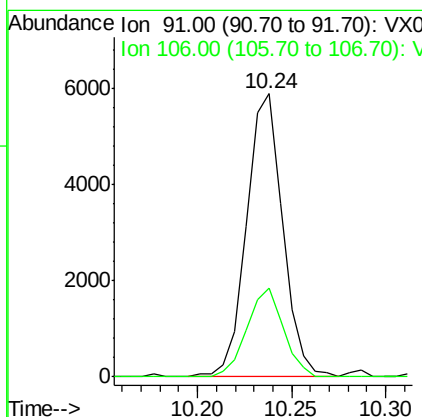
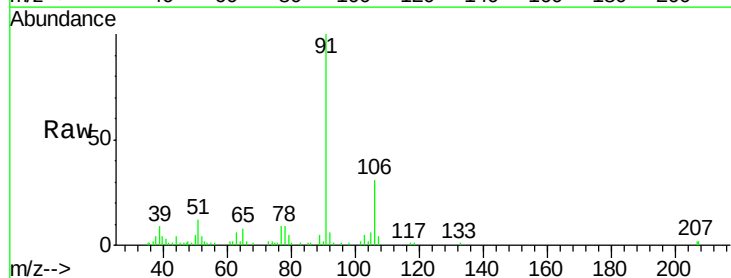
Manual Integrations
APPROVED

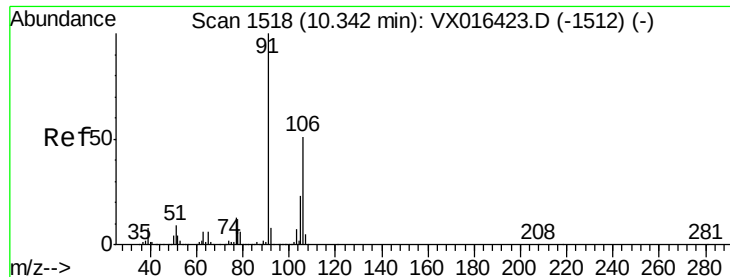
MMDadoda
5/27/2020 12:27:45 PM



#67
Ethyl Benzene
Concen: 1.035 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.8	38.8





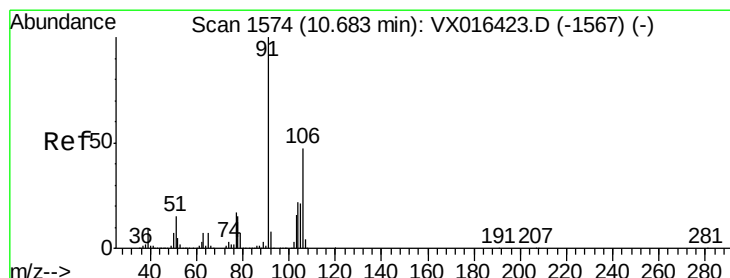
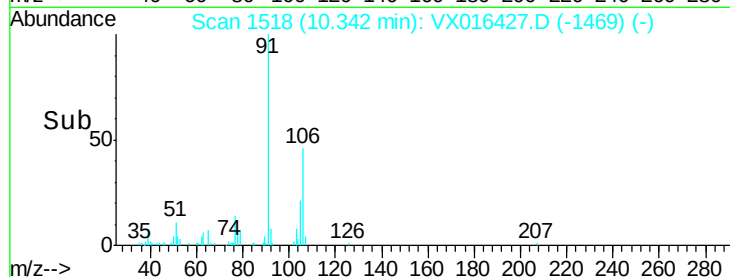
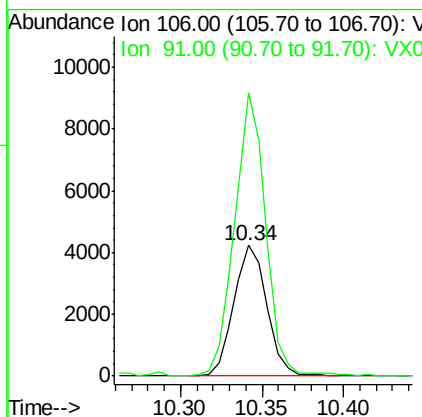
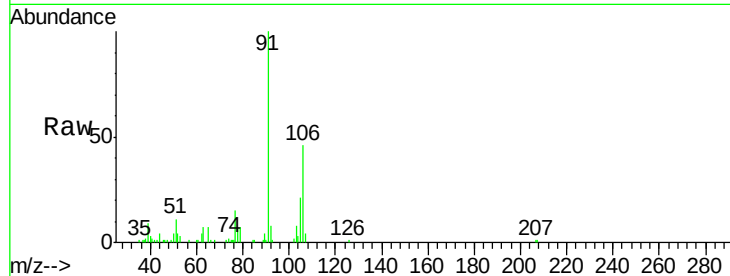
#68
m/p-Xylenes
Concen: 2.091 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 5944
Ion Ratio Lower Upper
106 100
91 205.0 158.2 237.4

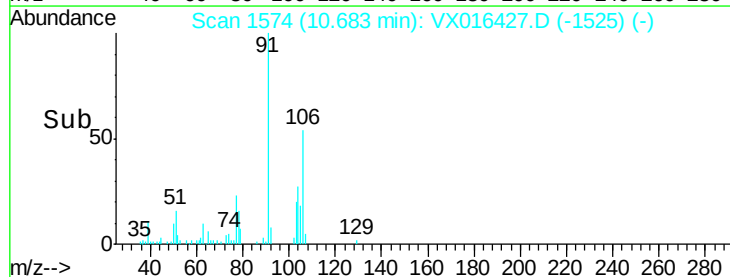
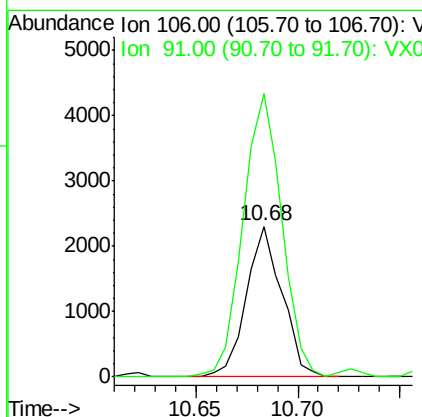
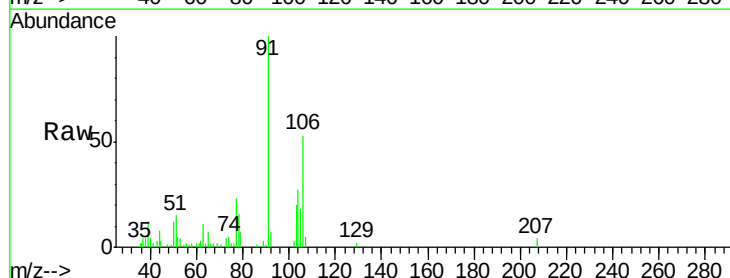
Manual Integrations
APPROVED

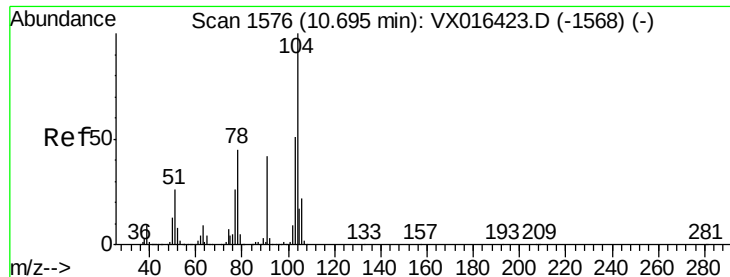
MMDadoda
5/27/2020 12:27:45 PM



#69
o-Xylene
Concen: 1.022 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion:106 Resp: 2800
Ion Ratio Lower Upper
106 100
91 204.4 104.0 312.0





#70

Stvrene

Concen: 0.986 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

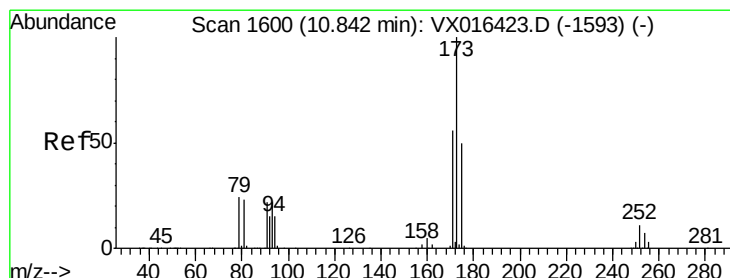
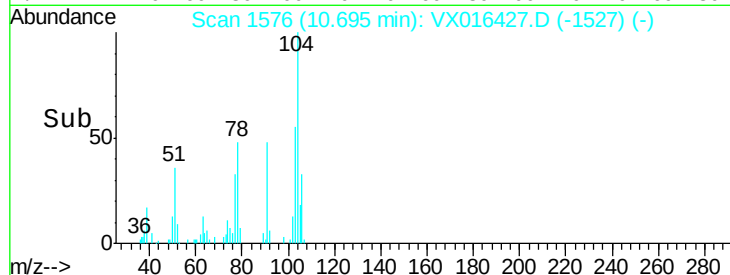
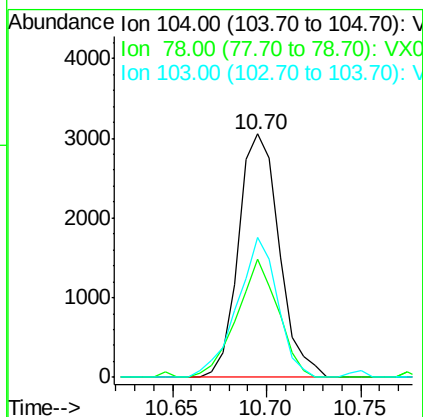
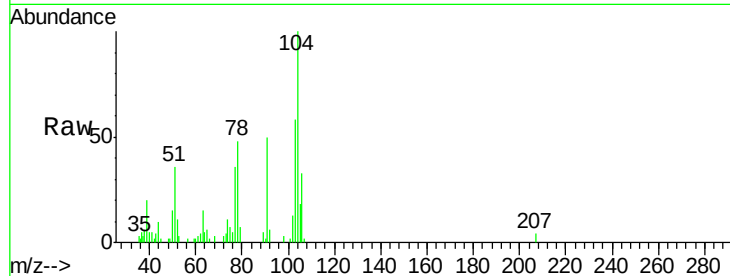
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	4565
Ion Ratio	Lower	Upper	
104	100		
78	49.2	39.2	58.8
103	57.3	43.8	65.6

Manual Integrations
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#71

Bromoform

Concen: 0.920 ug/l

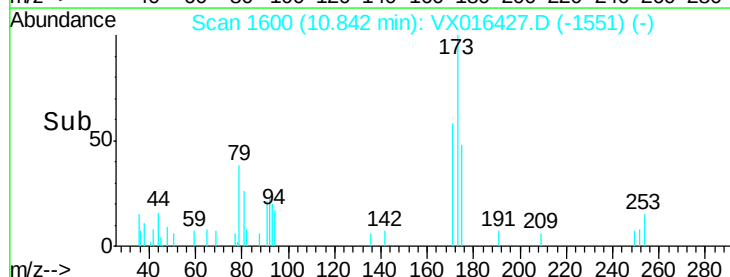
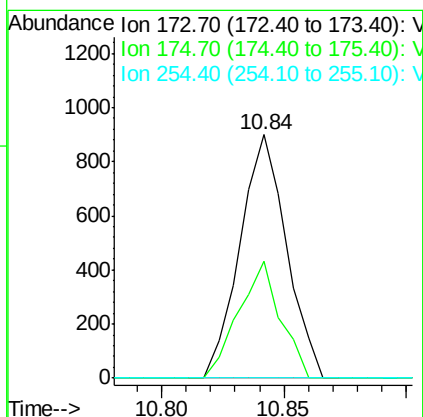
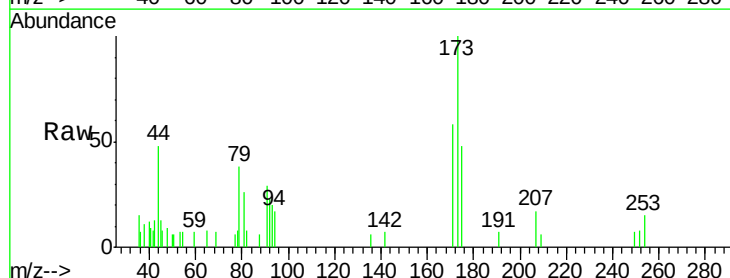
RT: 10.84 min Scan# 1600

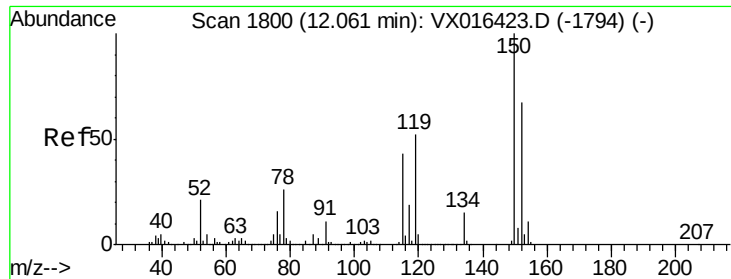
Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	173	Resp:	1187
Ion Ratio	Lower	Upper	
173	100		
175	43.1	24.5	73.5
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 91128

Ion Ratio Lower Upper

152 100

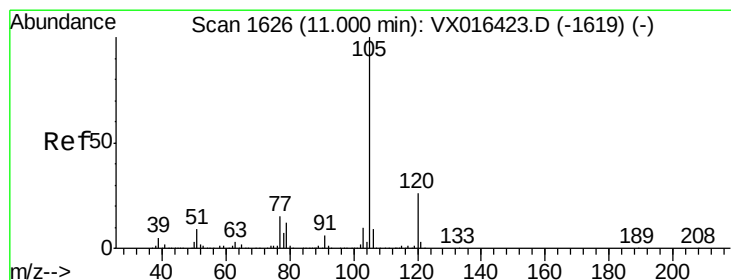
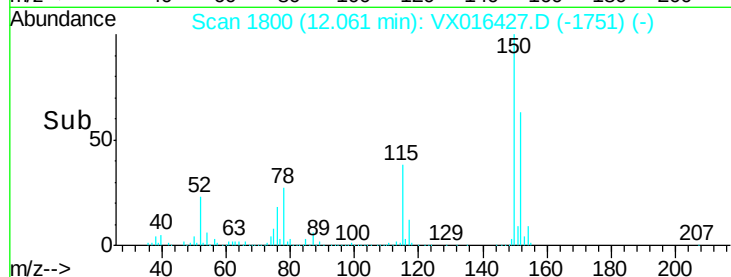
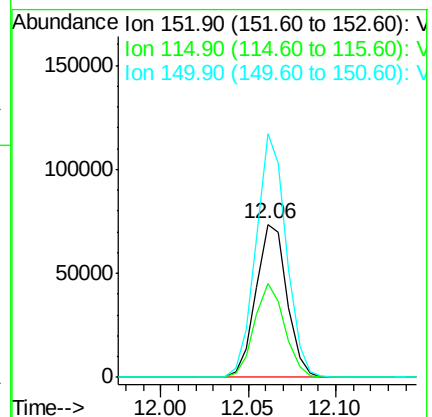
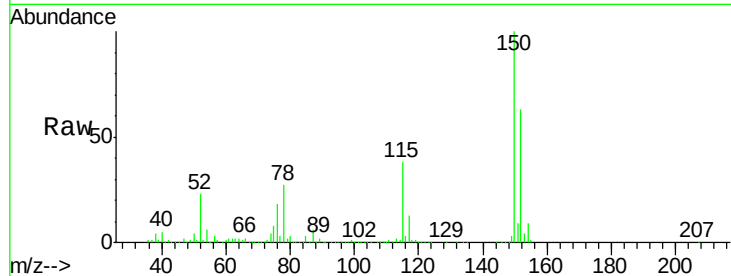
115 59.9 40.4 121.2

150 154.9 0.0 345.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.108 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016427.D

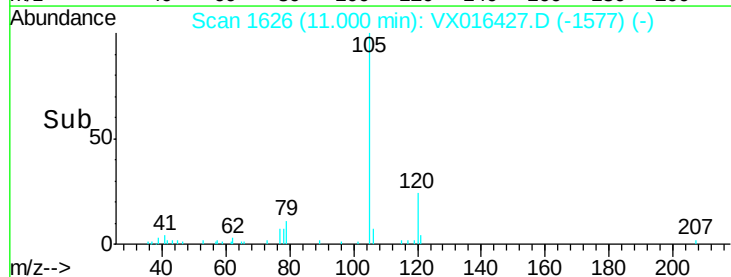
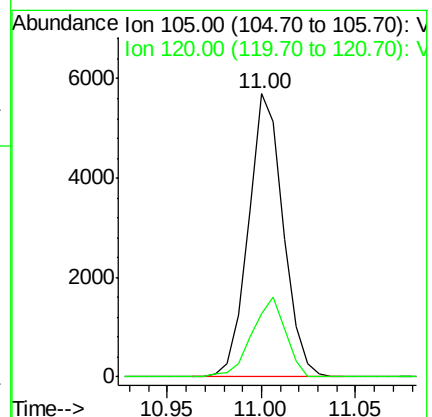
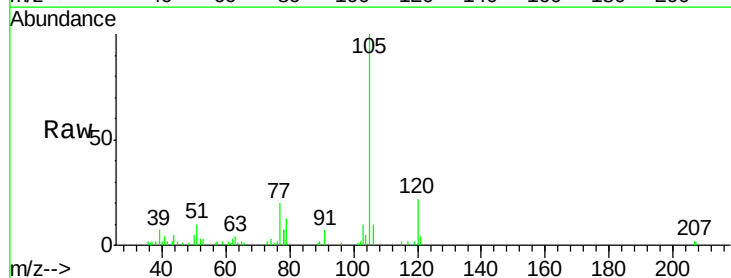
Acq: 26 May 2020 15:32

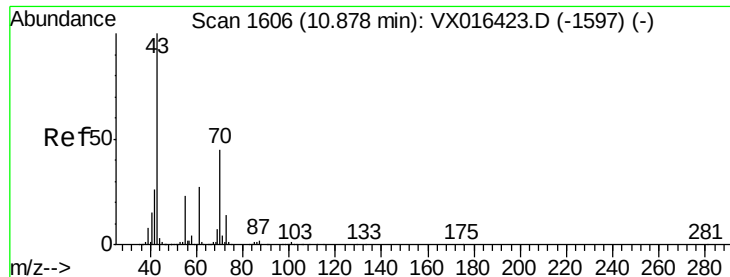
Tgt Ion:105 Resp: 7284

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0





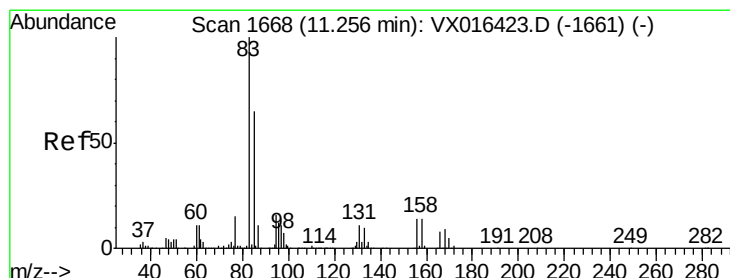
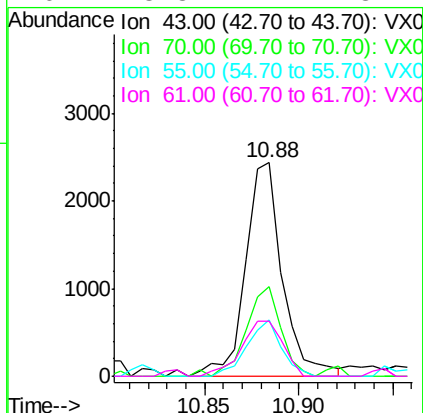
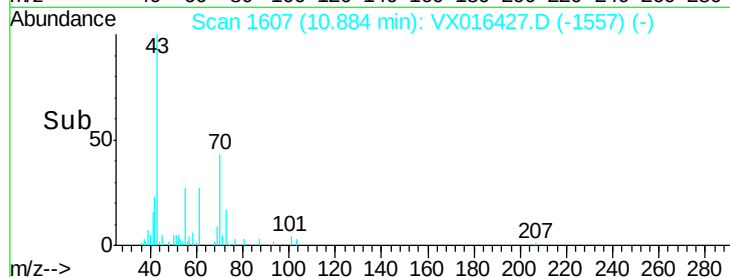
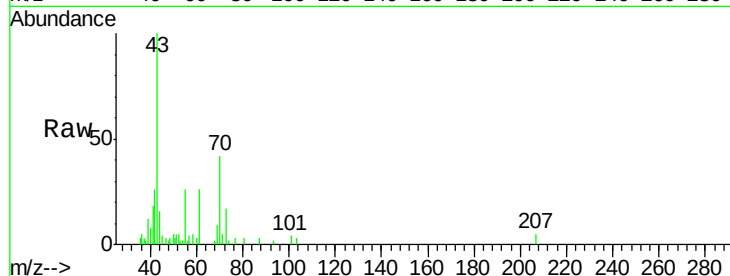
#74
N-amvl acetate
Concen: 1.102 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	43	Resp:	3318
Ion	Ratio	Lower	Upper
43	100		
70	39.3	38.0	57.0
55	24.5	20.0	30.0
61	28.8	21.4	32.2

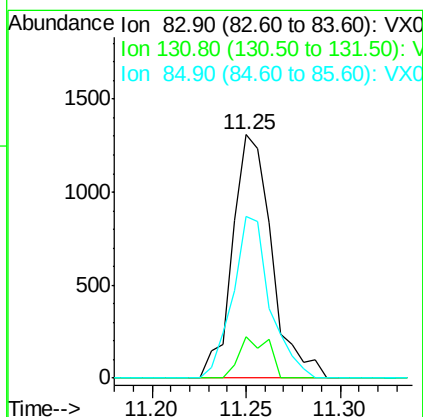
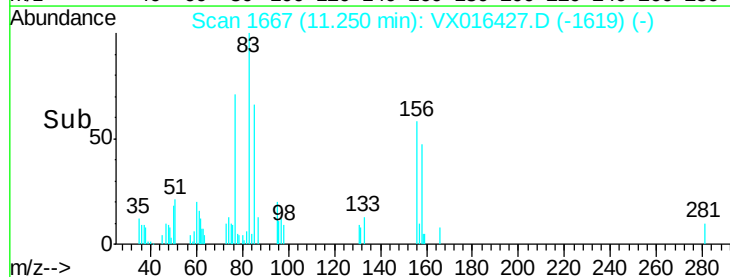
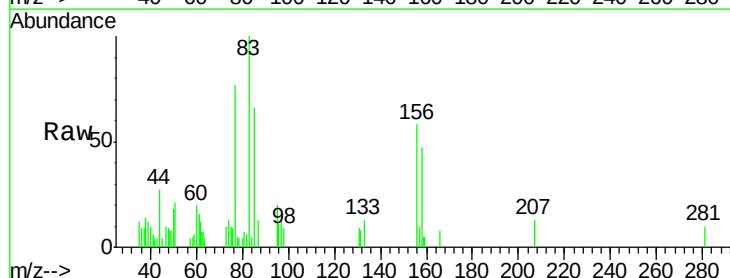
Manual Integrations
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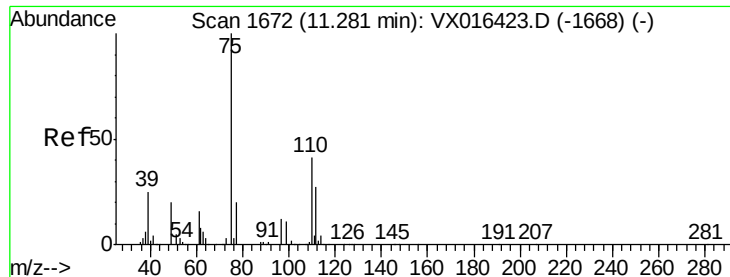
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.562 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion:	83	Resp:	1886
Ion	Ratio	Lower	Upper
83	100		
131	12.9	5.4	16.2
85	63.2	32.6	97.7





#76

1,2,3-Trichloropropane

Concen: 1.098 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 2239

Ion Ratio Lower Upper

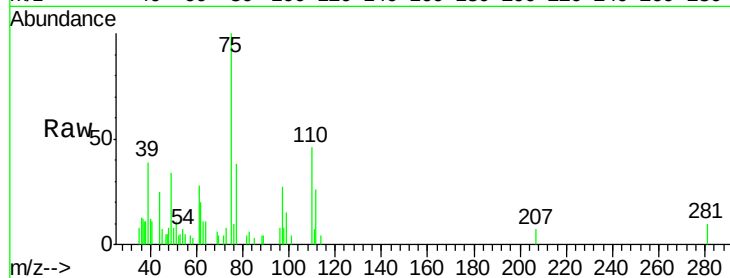
75 100

77 48.6 21.4 64.3

Manual Integrations
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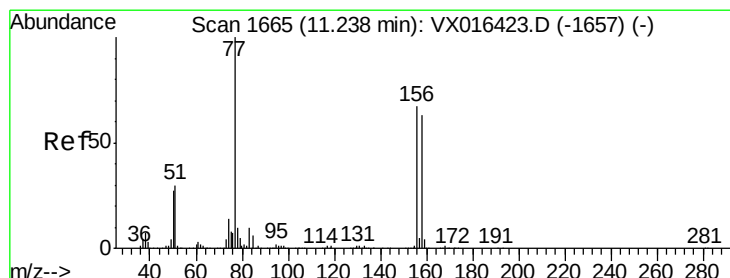
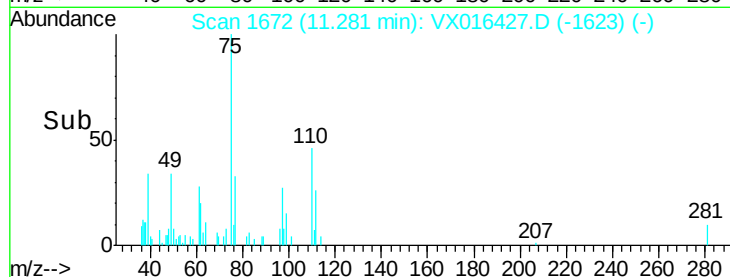
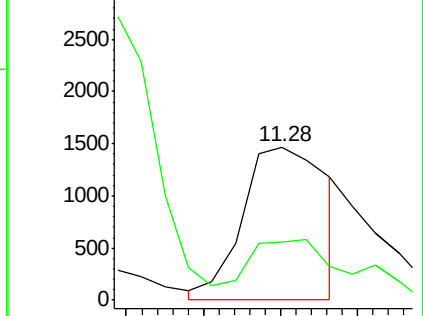
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 1.136 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

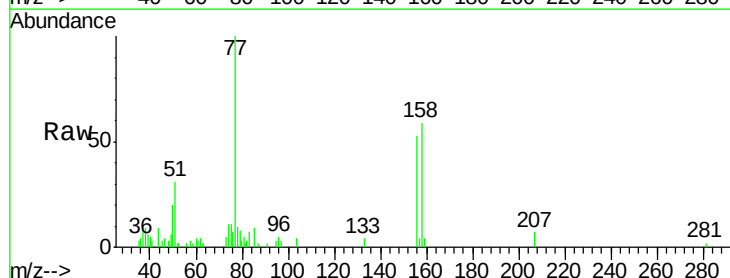
Tgt Ion: 156 Resp: 1941

Ion Ratio Lower Upper

156 100

77 176.5 74.6 223.8

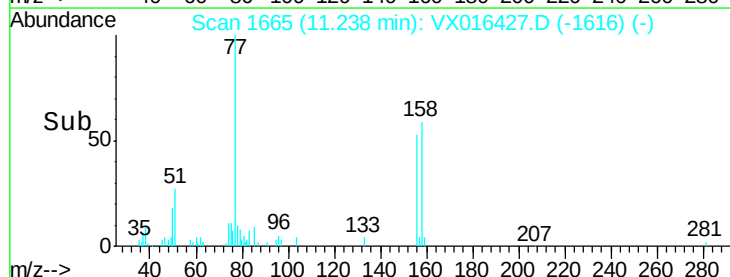
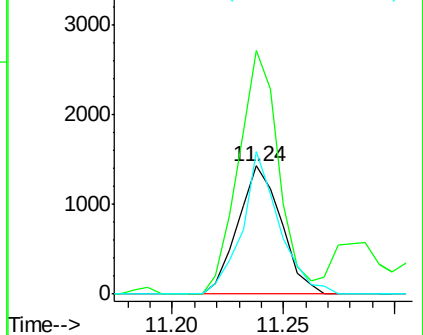
158 94.8 48.7 146.1

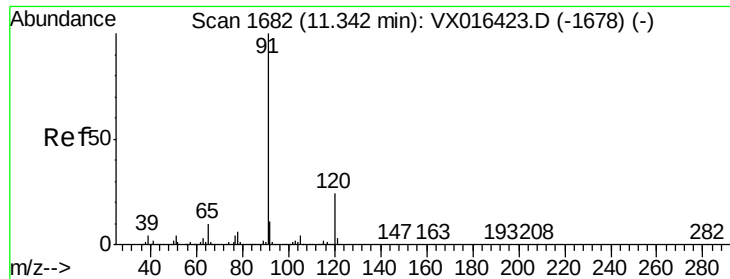


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.162 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 8867

Ion Ratio Lower Upper

91 100

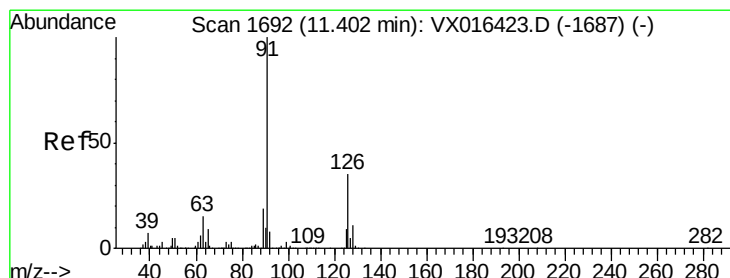
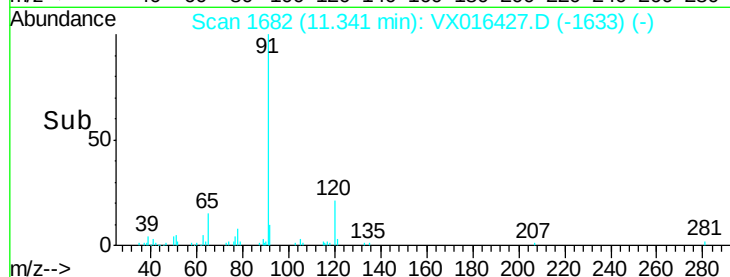
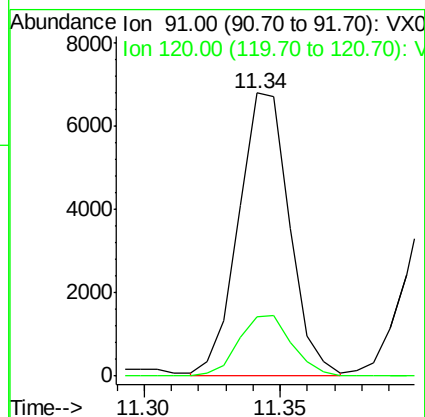
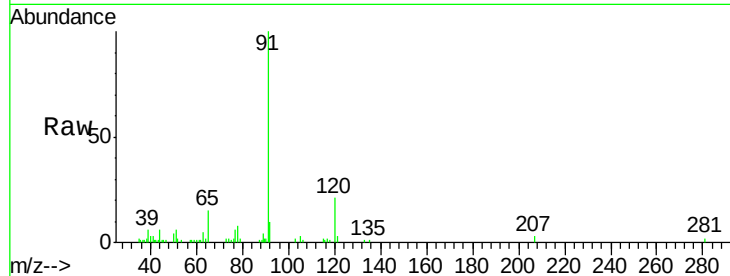
120 22.2 12.1 36.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 1.219 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016427.D

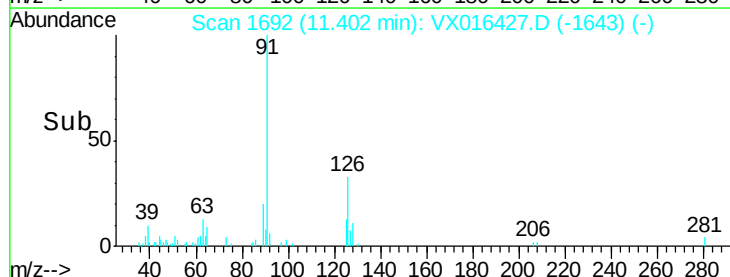
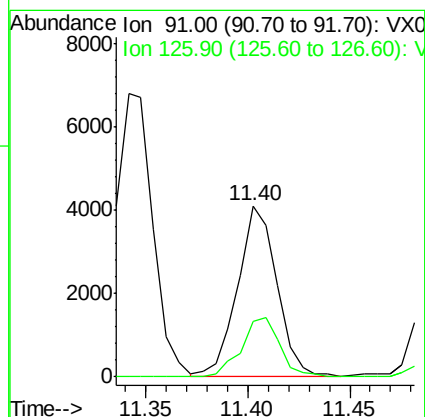
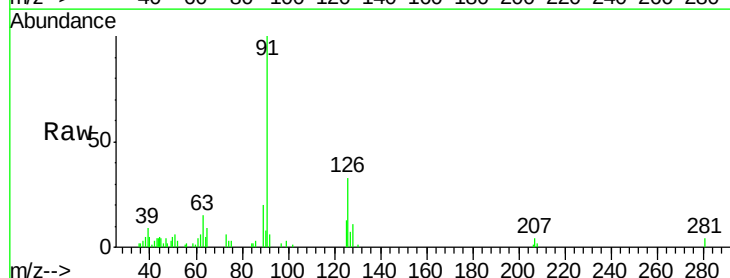
Acq: 26 May 2020 15:32

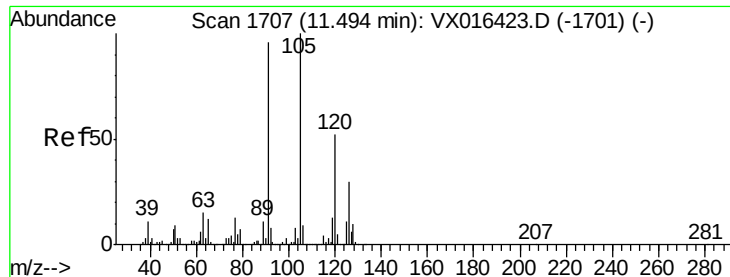
Tgt Ion: 91 Resp: 5502

Ion Ratio Lower Upper

91 100

126 33.9 17.7 53.1





#80

1,3,5-Trimethylbenzene

Concen: 1.056 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 5860

Ion Ratio Lower Upper

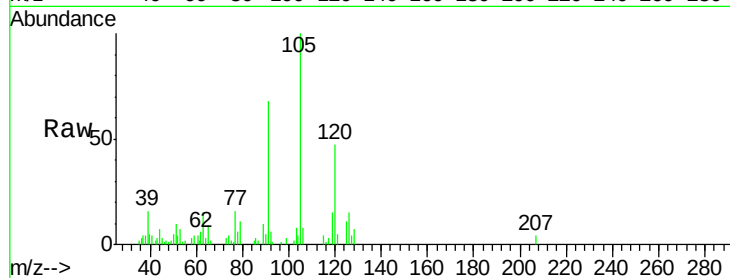
105 100

120 48.9 25.0 75.0

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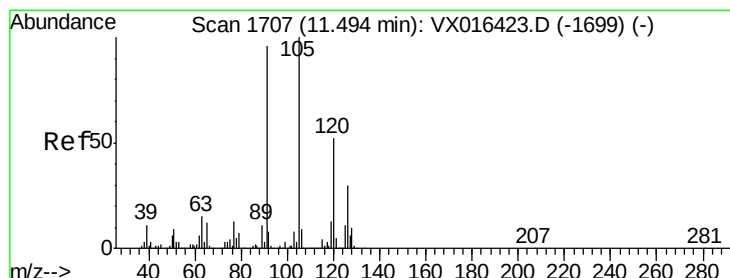
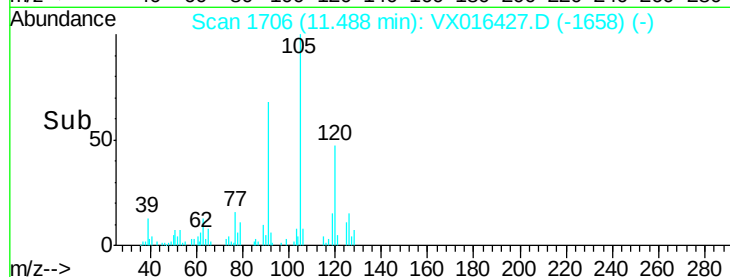
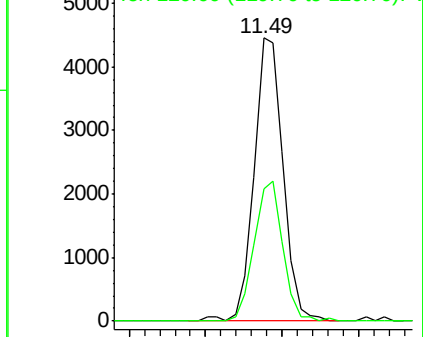
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 1.217 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016427.D

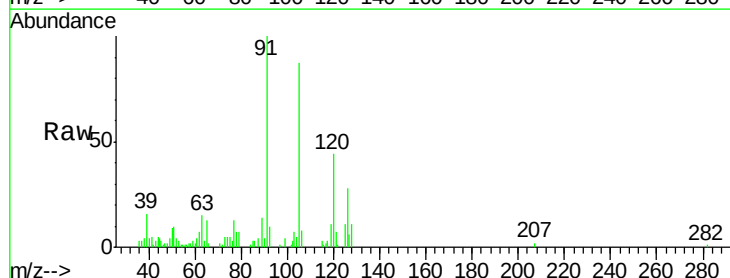
Acq: 26 May 2020 15:32

Tgt Ion: 91 Resp: 6490

Ion Ratio Lower Upper

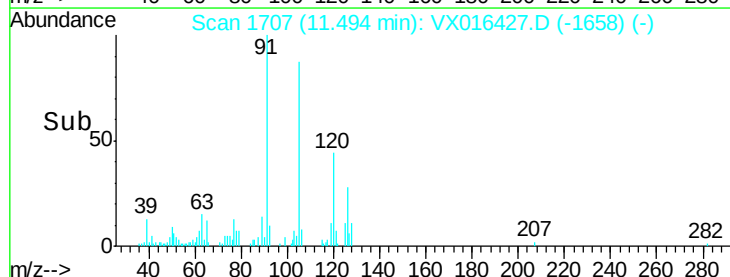
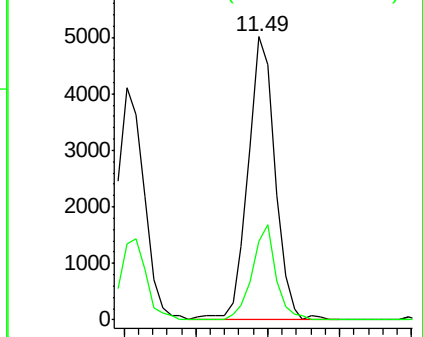
91 100

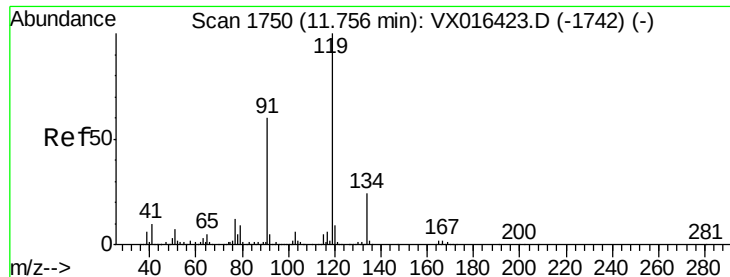
126 29.4 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





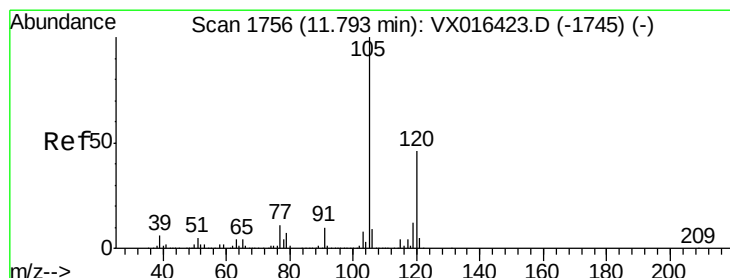
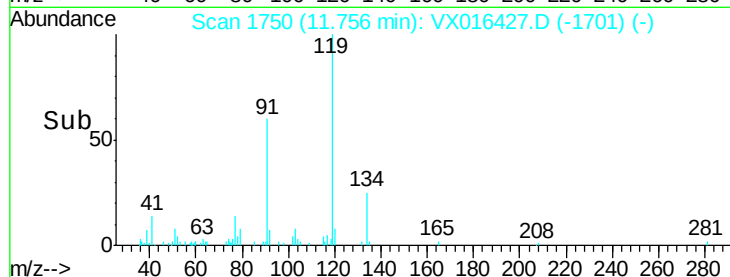
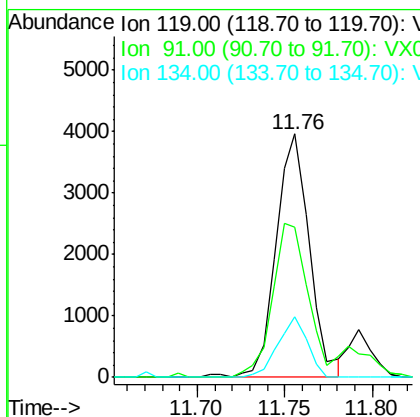
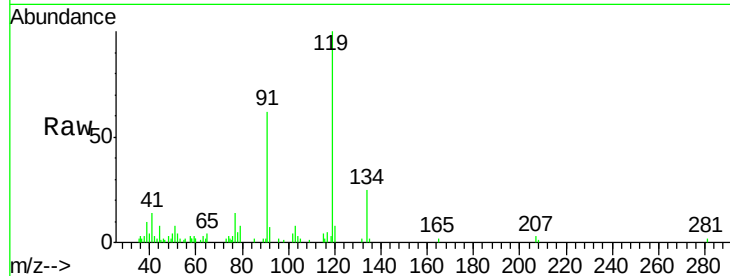
#83
tert-Butylbenzene
Concen: 1.105 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	30.8	92.3
134	21.9	12.3	36.9

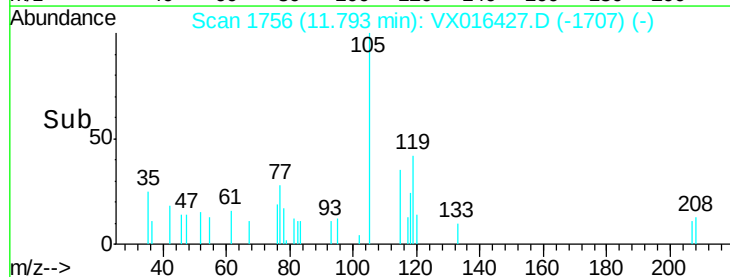
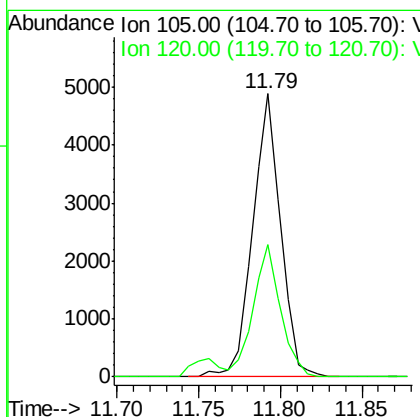
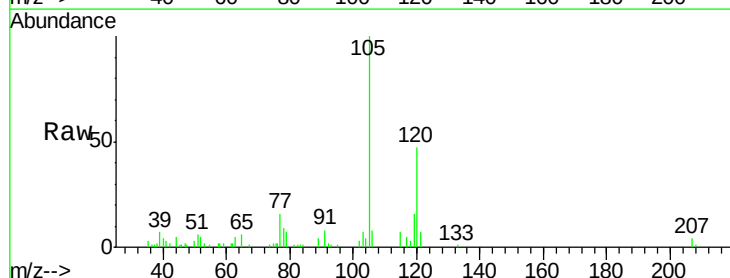
Manual Integrations
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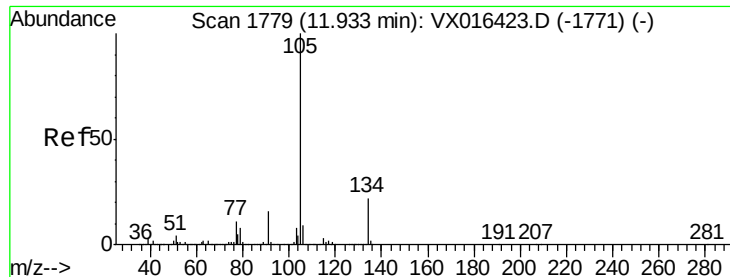
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 1.039 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 1.027 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 6564

Ion Ratio Lower Upper

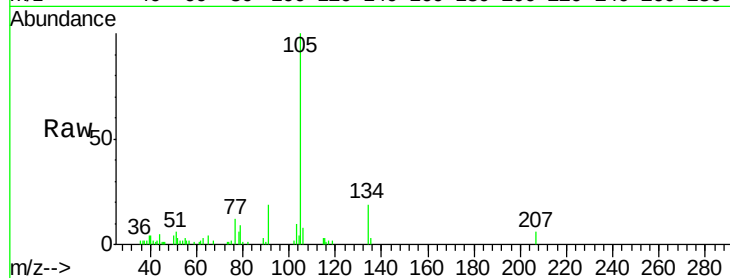
105 100

134 21.6 10.5 31.6

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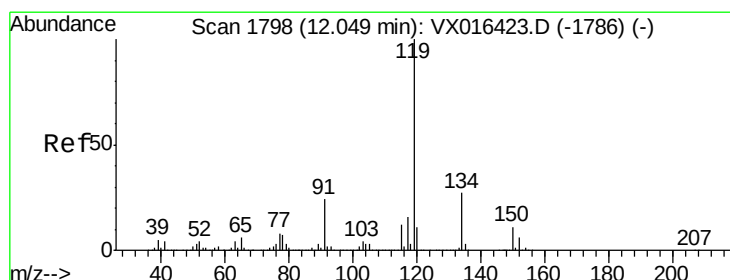
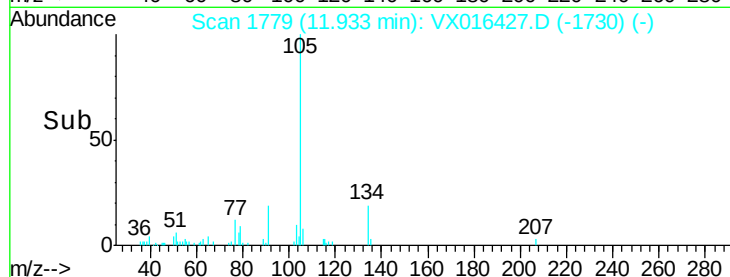
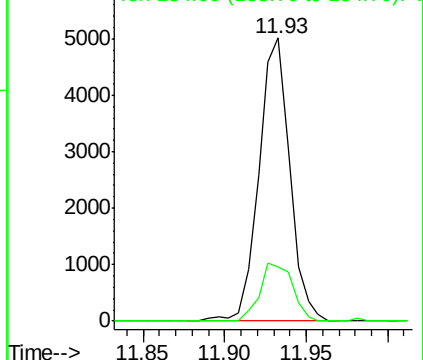
MMDadoda

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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: 1.045 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

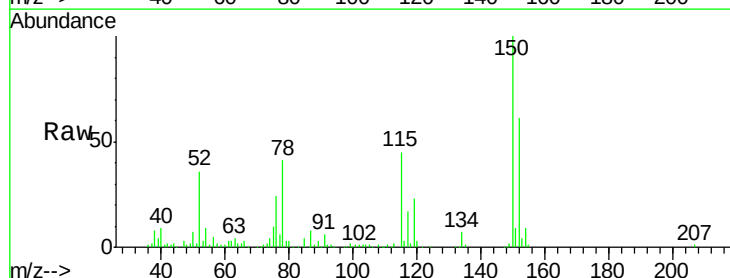
Tgt Ion:119 Resp: 6188

Ion Ratio Lower Upper

119 100

134 29.7 13.8 41.3

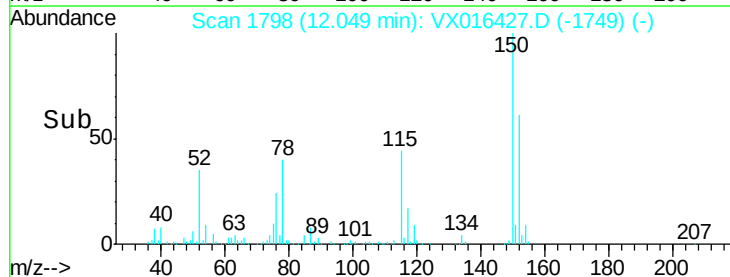
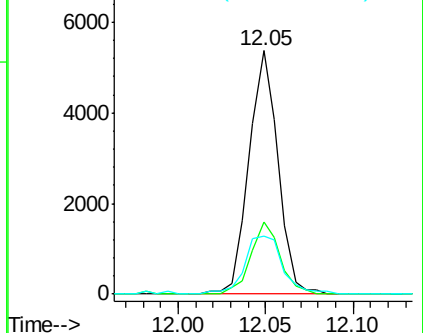
91 31.7 11.9 35.5

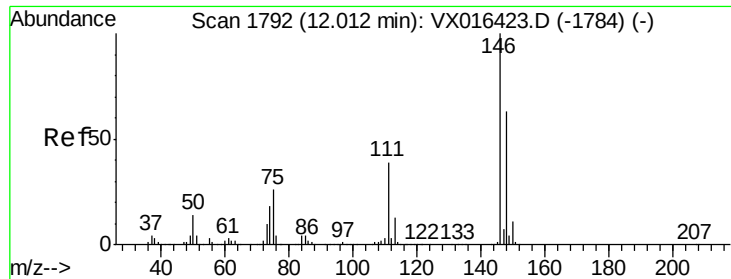


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





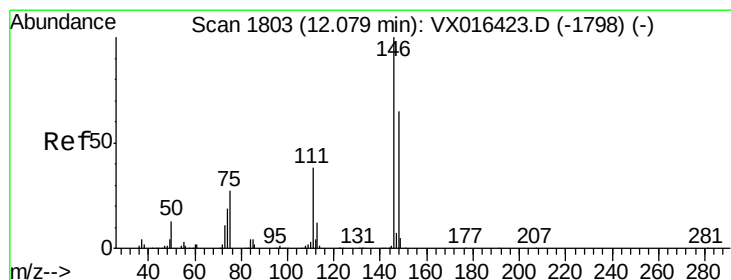
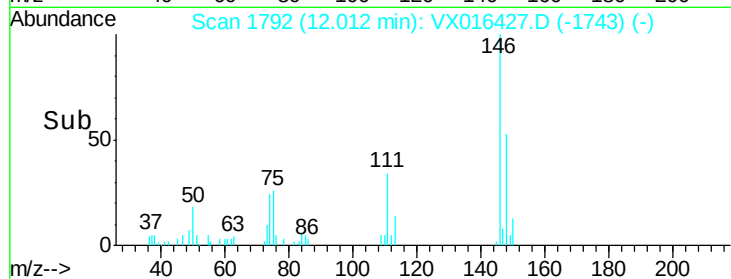
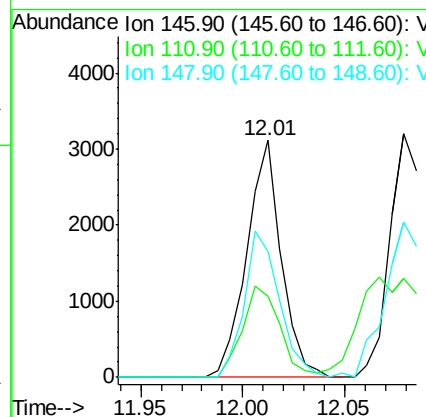
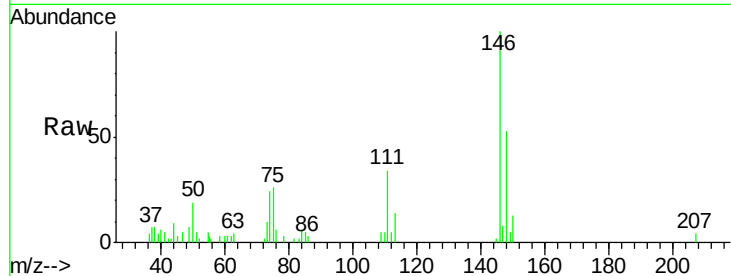
#87
 1,3-Dichlorobenzene
 Concen: 1.202 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.1	60.2
148	62.4	31.4	94.2

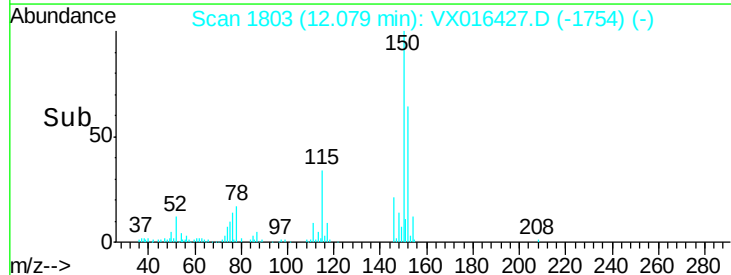
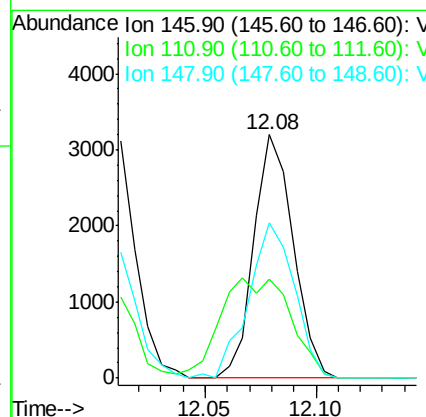
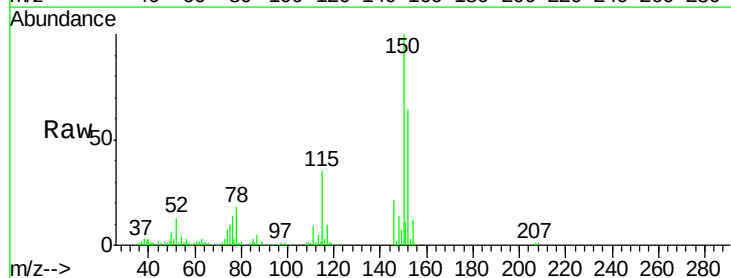
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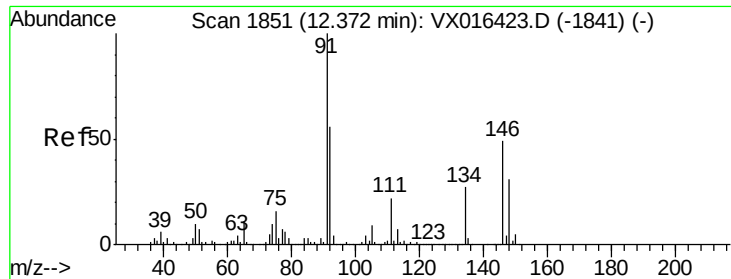
MMDadoda
 5/27/2020 12:27:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.270 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	58.2	33.1	99.2





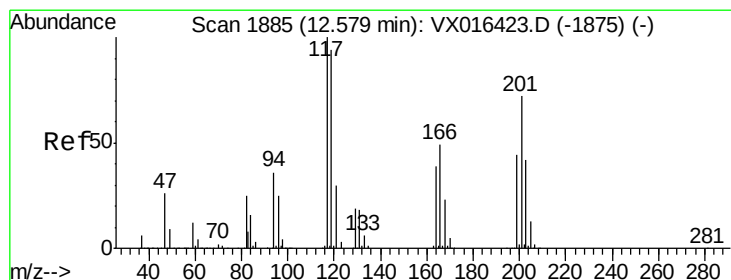
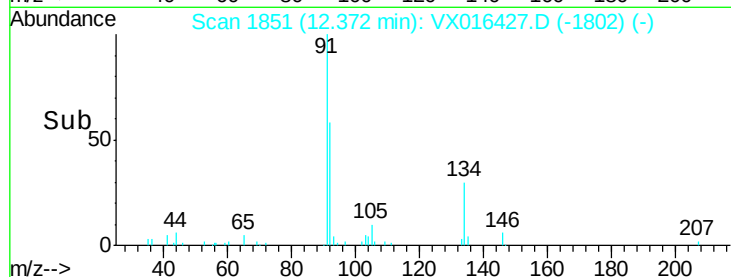
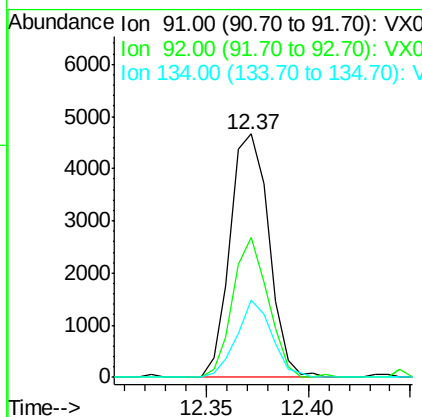
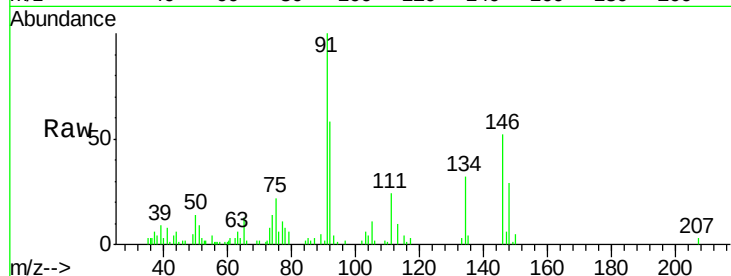
#89
n-Butylbenzene
Concen: 1.144 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.6	82.8
134	28.9	13.7	41.1

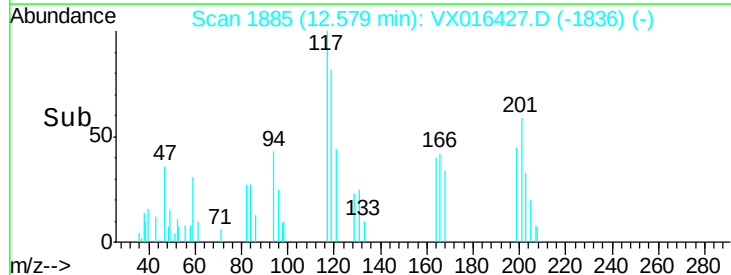
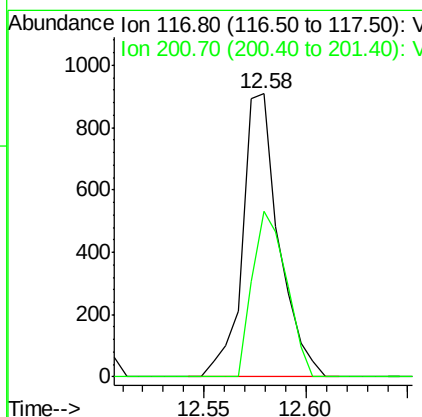
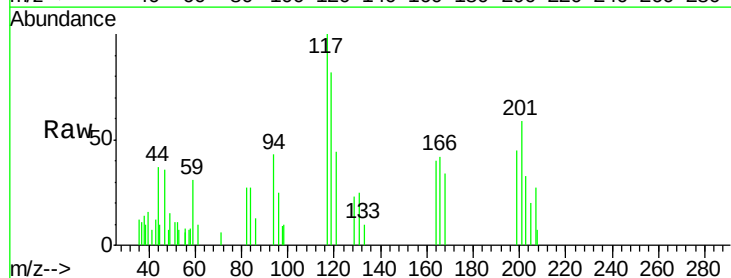
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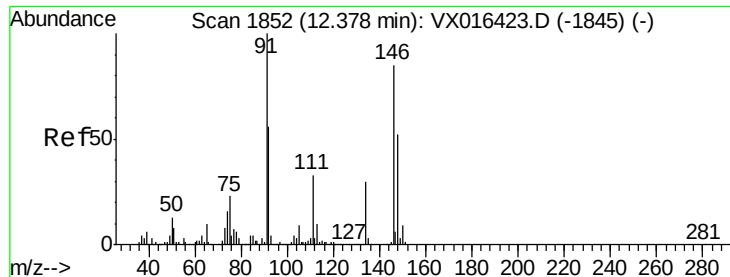
MMDadoda
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#90
Hexachloroethane
Concen: 1.098 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	55.0	37.6	112.9





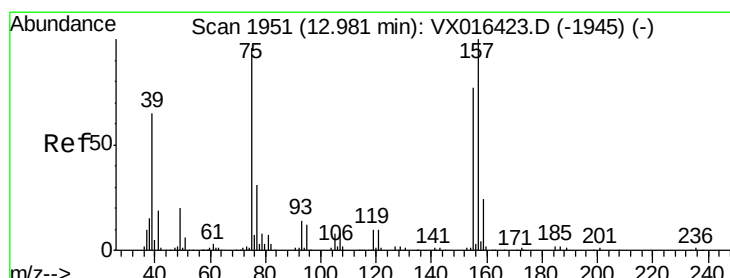
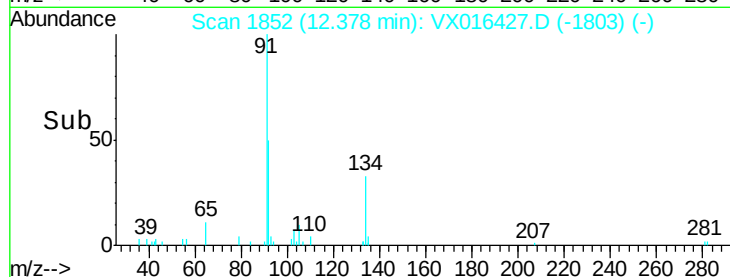
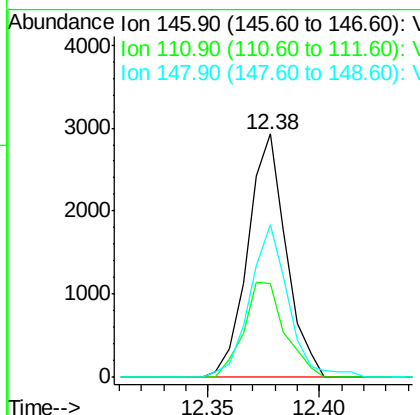
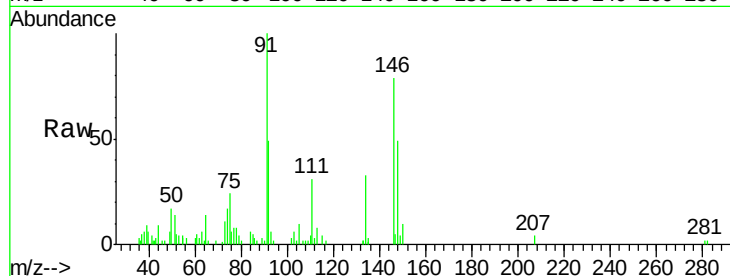
#91
 1,2-Dichlorobenzene
 Concen: 1.189 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	62.7	31.6	94.8

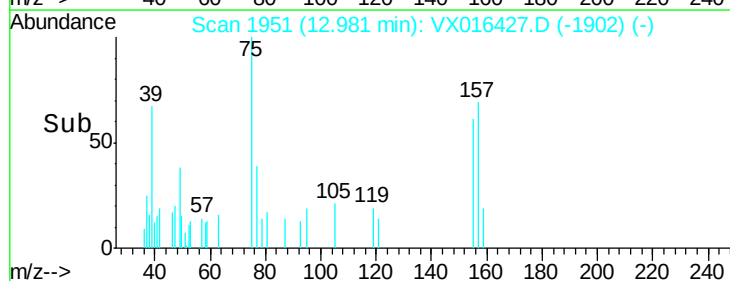
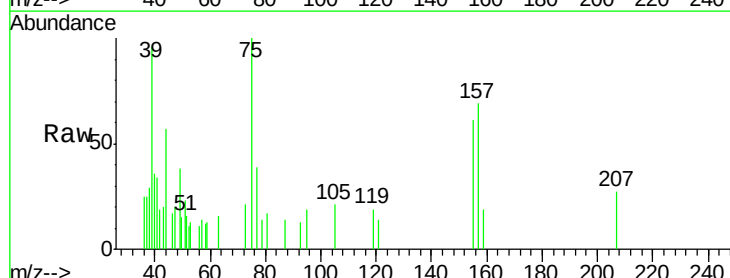
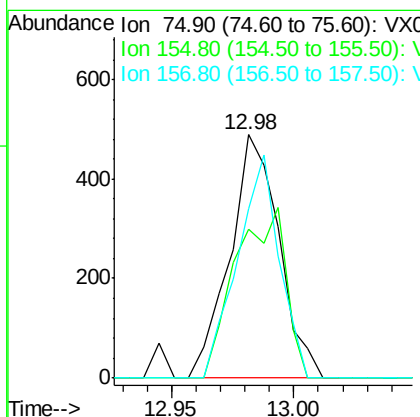
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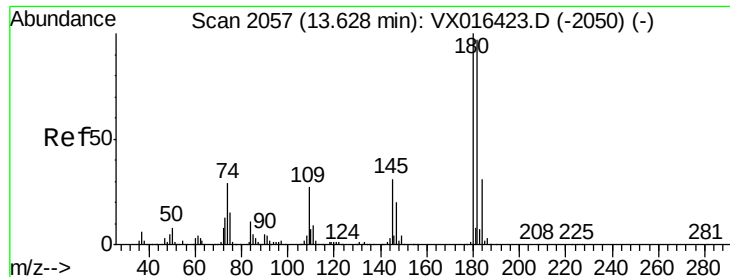
MMDadoda
 5/27/2020 12:27:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.270 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	44.8	134.4
157	77.7	57.8	173.4





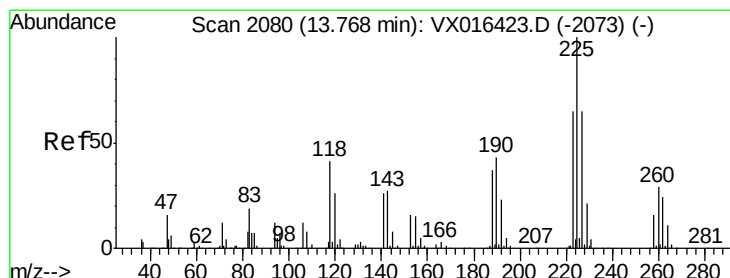
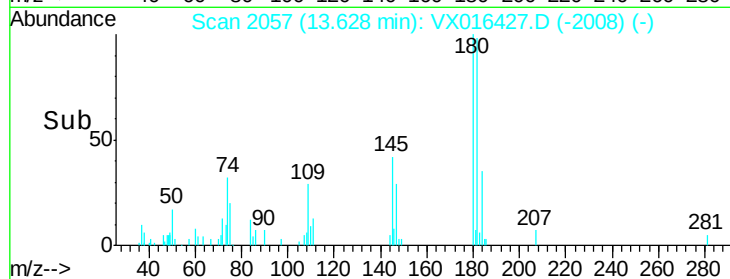
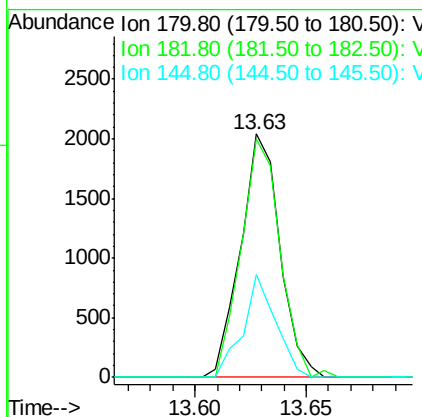
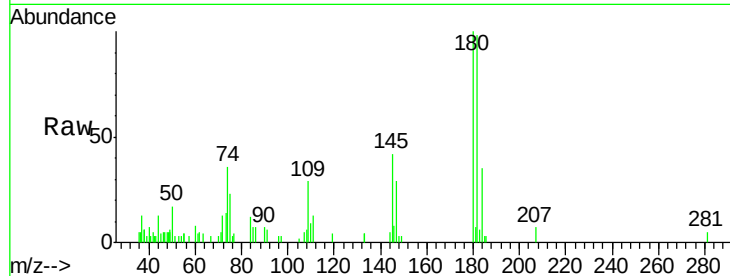
#93
 1,2,4-Trichlorobenzene
 Concen: 1.181 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.6	145.8
145	34.9	15.5	46.5

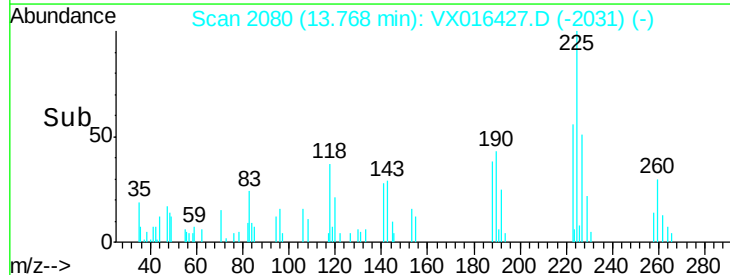
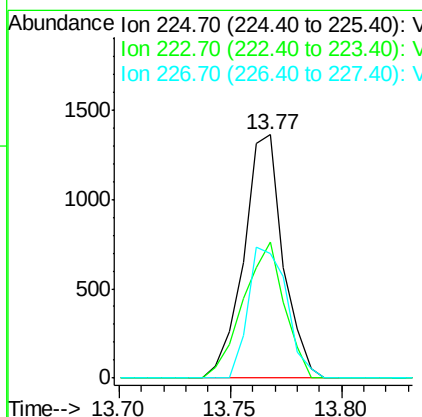
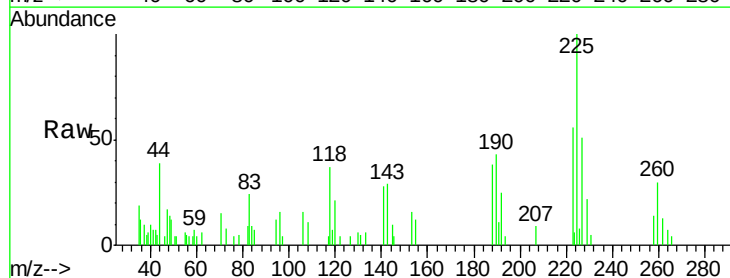
Manual Integrations
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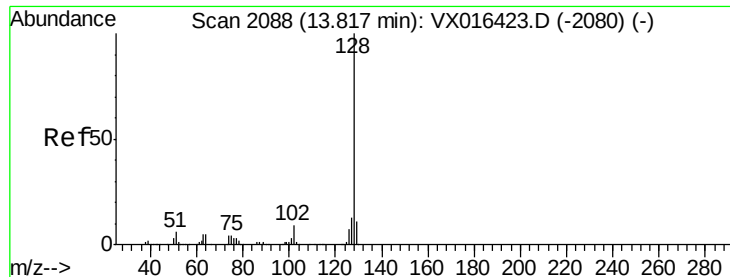
MMDadoda
 5/27/2020 12:27:45 PM



#94
 Hexachlorobutadiene
 Concen: 1.754 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	32.6	98.0
227	53.0	32.5	97.4





#95

Naphthalene

Concen: 1.023 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

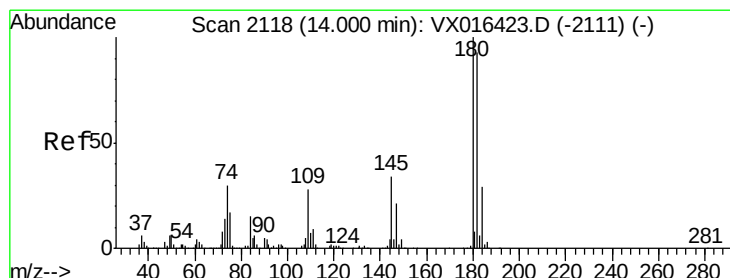
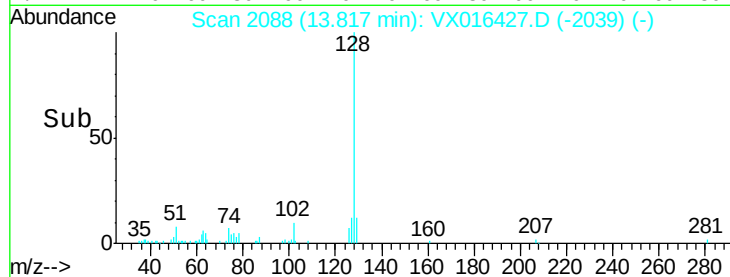
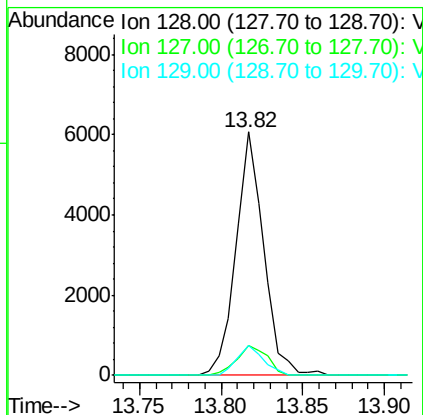
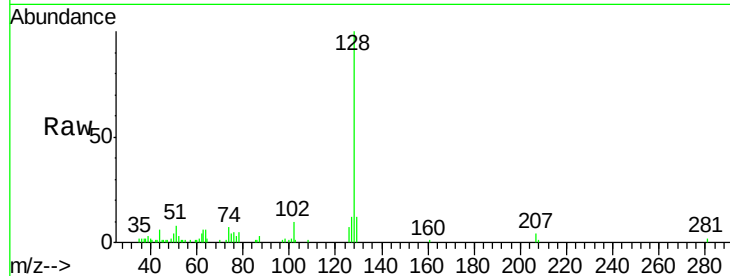
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	7176
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.8	8.9	13.3

Manual Integrations
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5/27/2020 12:27:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 1.080 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion:	180	Resp:	2249
Ion	Ratio	Lower	Upper
180	100		
182	88.5	48.2	144.6
145	37.7	16.3	48.9

