

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015924.D
 Acq On : 24 Apr 2020 11:05
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 11:37:02 AM

Quant Time: Apr 24 12:51:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	155494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	284309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	267026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125276	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	1380	0.845	ug/l	97
3) Chloromethane	1.31	50	1602	0.952	ug/l	91
4) Vinyl Chloride	1.39	62	1883	0.866	ug/l	94
6) Chloroethane	1.72	64	1195	0.894	ug/l	97
7) Trichlorofluoromethane	1.92	101	2443	0.937	ug/l	93
8) Diethyl Ether	2.17	74	1294	1.033	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1467	0.895	ug/l	97
12) 1,1-Dichloroethene	2.36	96	1582	0.922	ug/l	99
14) Allyl chloride	2.71	41	2844	0.931	ug/l	95
15) Acrylonitrile	3.12	53	4252	4.292	ug/l	98
16) Acetone	2.42	43	3933	4.891	ug/l	97
17) Carbon Disulfide	2.55	76	6892	1.255	ug/l	97
18) Methyl Acetate	2.75	43	2239	0.930	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	5479	0.896	ug/l	97
20) Methylene Chloride	2.84	84	1881	0.945	ug/l #	90
21) trans-1,2-Dichloroethene	3.14	96	1740	0.908	ug/l	93
22) Diisopropyl ether	3.82	45	5595	0.932	ug/l #	86
23) Vinyl Acetate	3.79	43	20916	4.293	ug/l	97
24) 1,1-Dichloroethane	3.67	63	3085	0.903	ug/l	98
25) 2-Butanone	4.64	43	5728	4.447	ug/l	98
26) 2,2-Dichloropropane	4.55	77	2756	0.904	ug/l	81
27) cis-1,2-Dichloroethene	4.57	96	2082	0.955	ug/l	91
28) Bromochloromethane	4.98	49	1468	0.963	ug/l #	97
29) Tetrahydrofuran	5.09	42	3930	4.591	ug/l	95
30) Chloroform	5.18	83	3015	0.893	ug/l #	81
32) 1,1,1-Trichloroethane	5.46	97	2880	0.940	ug/l #	51
36) 1,1-Dichloropropene	5.77	75	2698	1.003	ug/l	96
37) Ethyl Acetate	4.79	43	2686	0.998	ug/l #	92
38) Carbon Tetrachloride	5.76	117	2209	0.911	ug/l #	83
39) Methylcyclohexane	7.45	83	2907	0.898	ug/l	96
40) Benzene	6.12	78	7062	0.905	ug/l	99
41) Methacrylonitrile	5.01	41	1663	1.077	ug/l #	85
42) 1,2-Dichloroethane	6.17	62	2480	0.907	ug/l	99
43) Isopropyl Acetate	6.41	43	3868	0.889	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	2240	0.924	ug/l	85
45) 1,2-Dichloropropane	7.49	63	1791	0.899	ug/l #	88
46) Dibromomethane	7.64	93	1211	0.907	ug/l	95
47) Bromodichloromethane	7.88	83	2404	0.899	ug/l	100
48) Methyl methacrylate	7.74	41	2005	0.936	ug/l	94
49) 1,4-Dioxane	7.71	88	854	18.338	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	10377	4.129	ug/l	98
52) Toluene	8.77	92	4345	0.879	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	2847	0.880	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	2917	0.863	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	1811	0.915	ug/l	95
56) Ethyl methacrylate	9.16	69	2631	0.853	ug/l #	90
57) 1,3-Dichloropropane	9.35	76	2867	0.853	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	6312	4.114	ug/l	98
59) 2-Hexanone	9.48	43	7688	4.072	ug/l	99
60) Dibromochloromethane	9.57	129	1500	0.792	ug/l	100
61) 1,2-Dibromoethane	9.65	107	1794	0.884	ug/l	97
64) Tetrachloroethene	9.32	164	2405	0.907	ug/l	93
65) Chlorobenzene	10.12	112	4574	0.880	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	1574	0.864	ug/l #	60
67) Ethyl Benzene	10.24	91	8806	0.916	ug/l	98
68) m/p-Xylenes	10.34	106	6088	1.740	ug/l	93
69) o-Xylene	10.68	106	3045	0.893	ug/l	96
70) Styrene	10.70	104	4858	0.845	ug/l	96
71) Bromoform	10.84	173	903	0.779	ug/l #	99
73) Isopropylbenzene	11.01	105	8507	0.928	ug/l	97
74) N-amyl acetate	10.88	43	3454	0.888	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	1645	0.824	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	2240m	0.684	ug/l	
77) Bromobenzene	11.24	156	1927	0.937	ug/l	95
78) n-propylbenzene	11.34	91	10007	0.928	ug/l	98
79) 2-Chlorotoluene	11.40	91	5661	0.901	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6742	0.878	ug/l	99
82) 4-Chlorotoluene	11.49	91	6692	0.892	ug/l	100
83) tert-Butylbenzene	11.76	119	5983	0.921	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	7216	0.916	ug/l	99
85) sec-Butylbenzene	11.93	105	7898	0.896	ug/l	100
86) p-Isopropyltoluene	12.05	119	7126	0.887	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	3495	0.923	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	3768m	0.981	ug/l	
89) n-Butylbenzene	12.37	91	6598	0.876	ug/l	99
90) Hexachloroethane	12.58	117	1031	0.864	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	3331	0.902	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	635	0.986	ug/l	80
93) 1,2,4-Trichlorobenzene	13.63	180	2241	0.956	ug/l	96
94) Hexachlorobutadiene	13.77	225	752	0.900	ug/l	99
95) Naphthalene	13.82	128	7391	0.875	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1955	0.884	ug/l	93

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

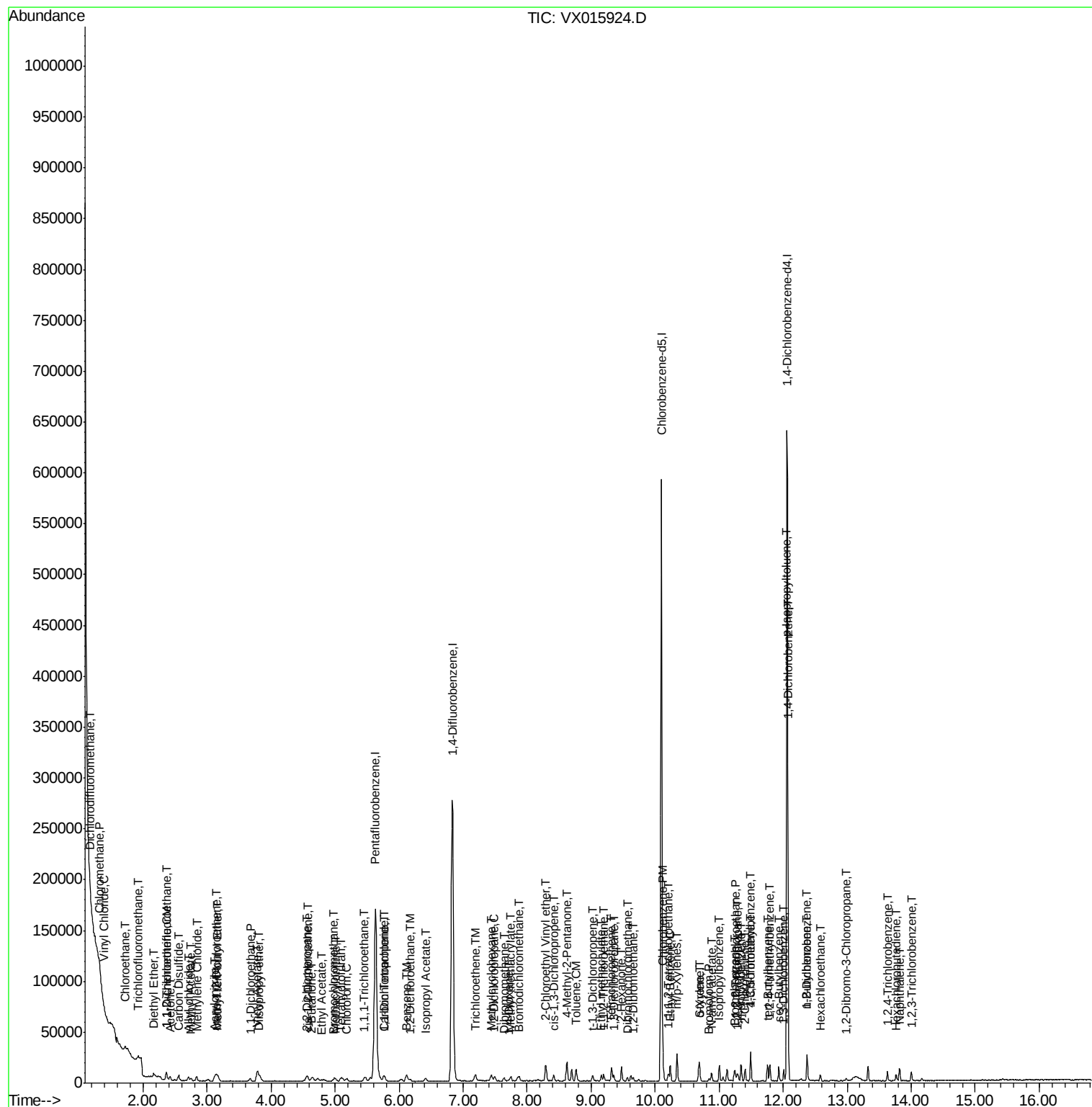
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042420\
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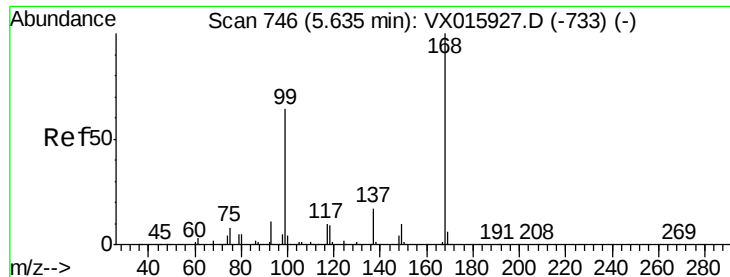
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 155494

Ion Ratio Lower Upper

168 100

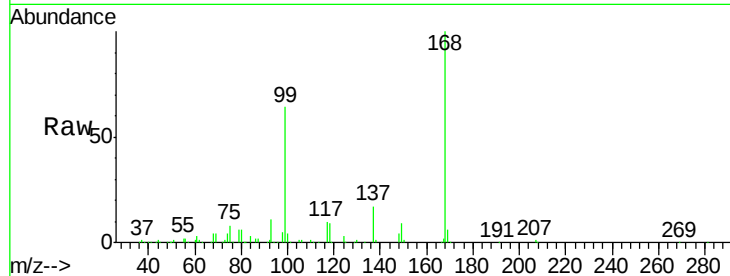
99 63.8 51.2 76.8

Manual Integrations

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4/27/2020 11:37:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

50000

40000

30000

20000

10000

0

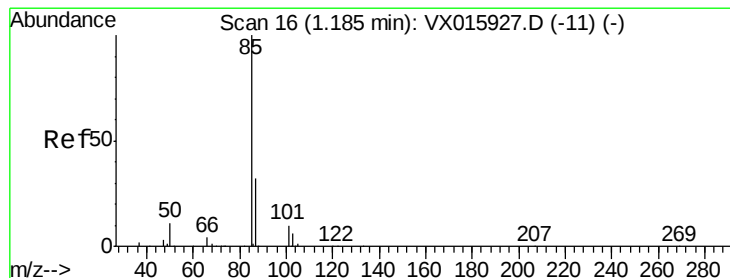
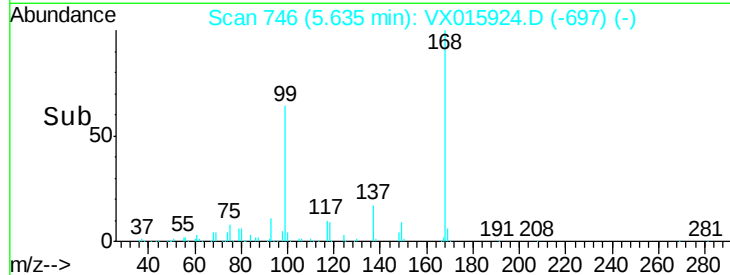
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.845 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015924.D

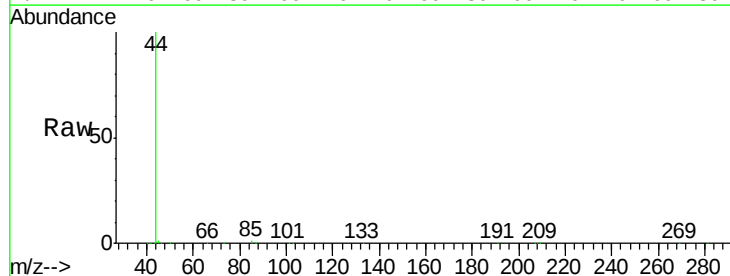
Acq: 24 Apr 2020 11:05

Tgt Ion: 85 Resp: 1380

Ion Ratio Lower Upper

85 100

87 33.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1500

1000

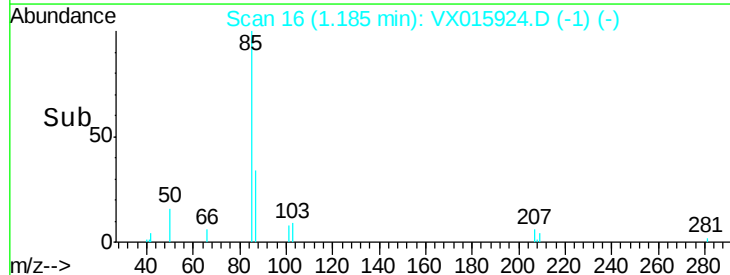
500

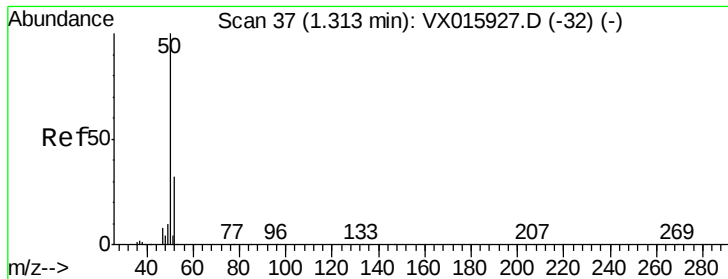
0

1.15

1.20

Time-->





#3

Chloromethane

Concen: 0.952 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1602

Ion Ratio Lower Upper

50 100

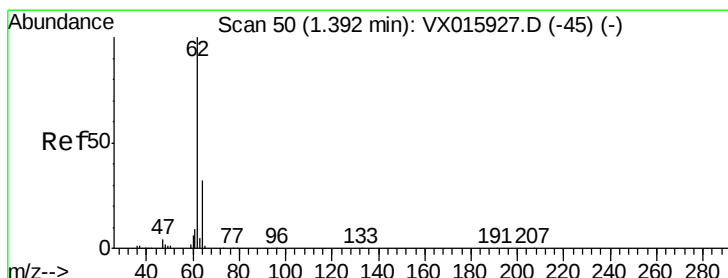
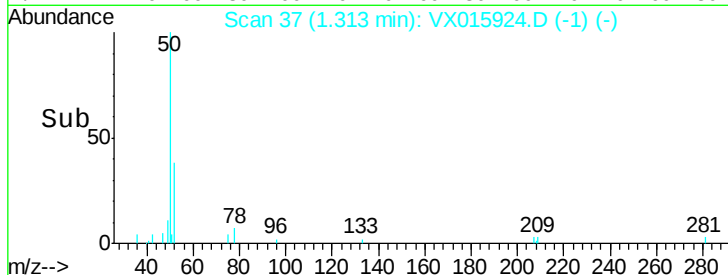
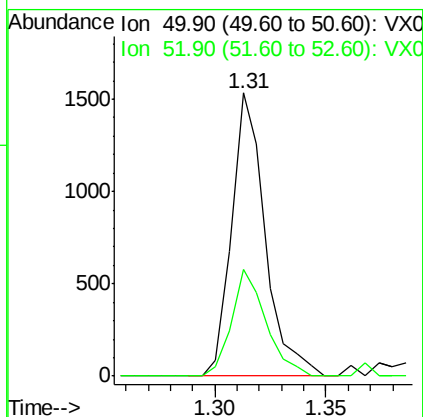
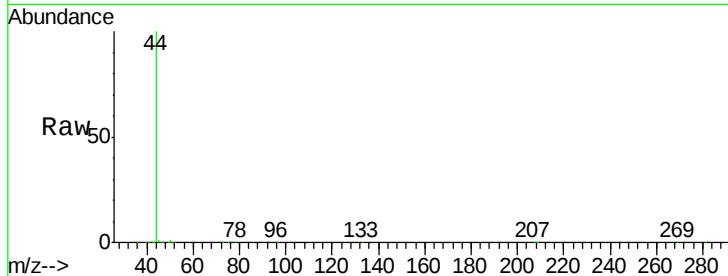
52 37.5 25.9 38.9

Manual Integrations

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4/27/2020 11:37:02 AM



#4

Vinyl Chloride

Concen: 0.866 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015924.D

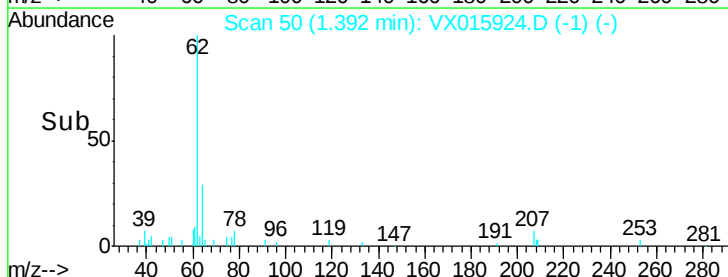
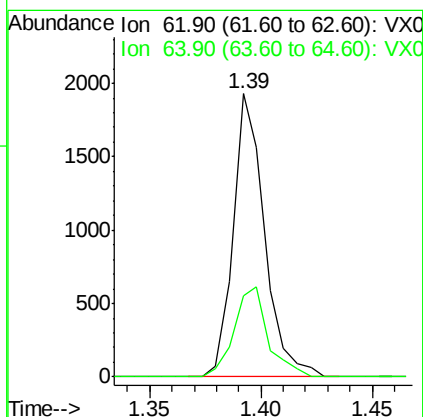
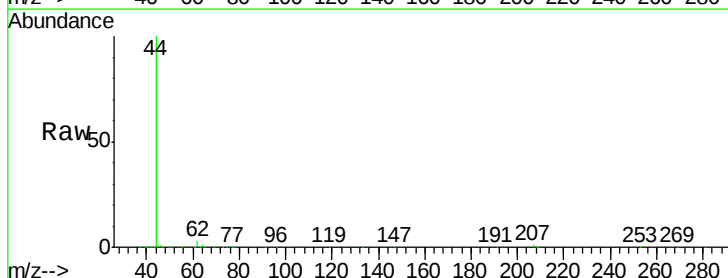
Acq: 24 Apr 2020 11:05

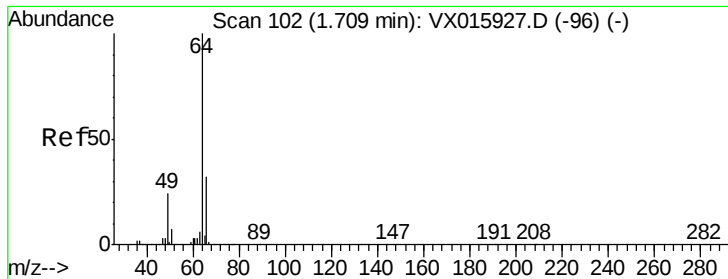
Tgt Ion: 62 Resp: 1883

Ion Ratio Lower Upper

62 100

64 28.7 25.5 38.3





#6

Chloroethane

Concen: 0.894 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1195

Ion Ratio Lower Upper

64 100

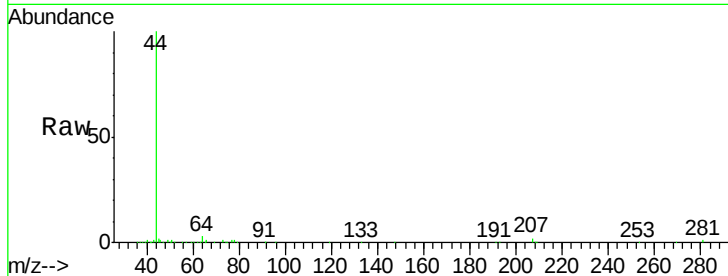
66 34.2 25.8 38.8

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

1000

800

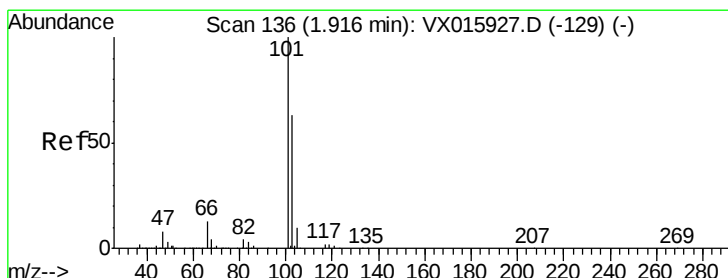
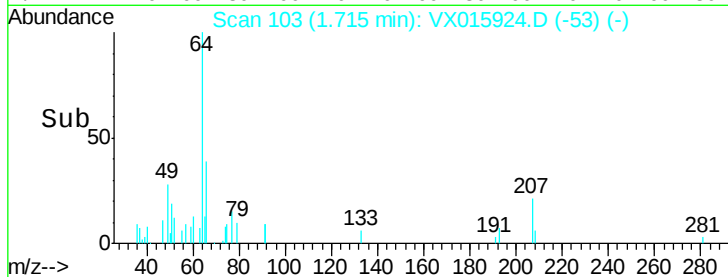
600

400

200

0

Time--> 1.65 1.70 1.75



#7

Trichlorofluoromethane

Concen: 0.937 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015924.D

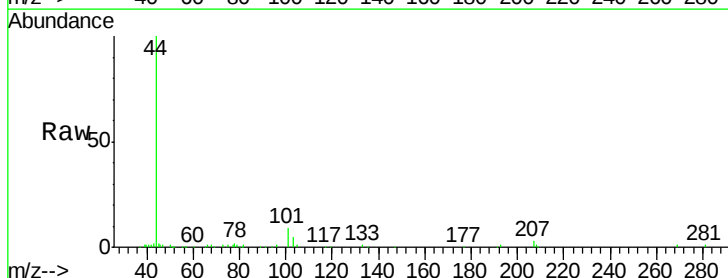
Acq: 24 Apr 2020 11:05

Tgt Ion: 101 Resp: 2443

Ion Ratio Lower Upper

101 100

103 57.9 50.8 76.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2000

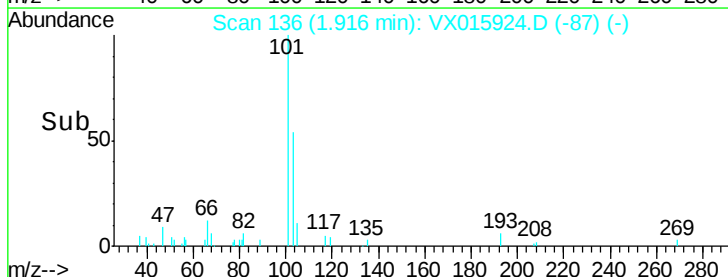
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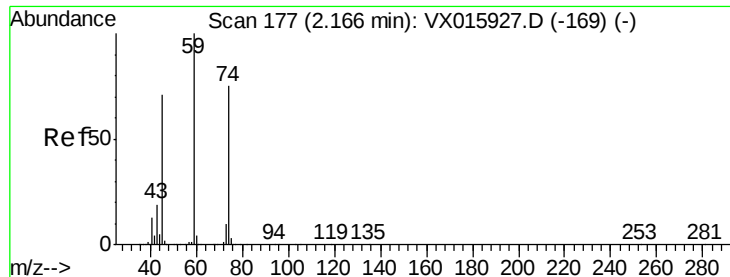
1000

500

0

Time--> 1.85 1.90 1.95





#8

Diethyl Ether

Concen: 1.033 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1294

Ion Ratio Lower Upper

74 100

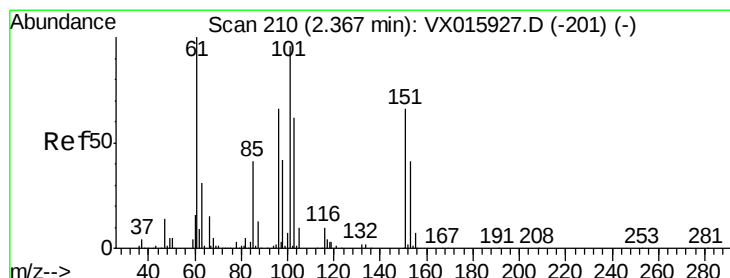
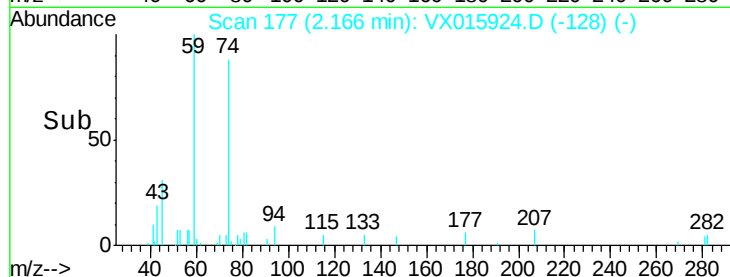
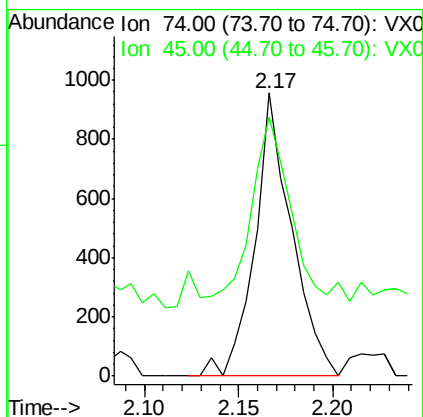
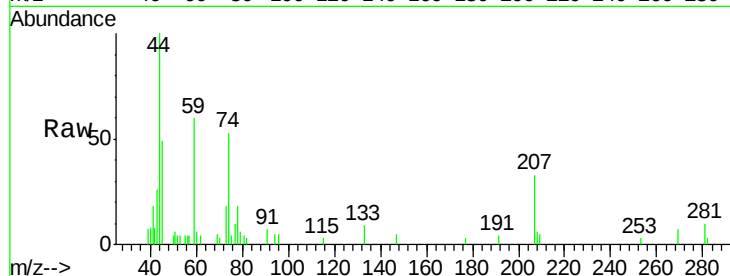
45 64.6 46.9 140.7

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.895 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

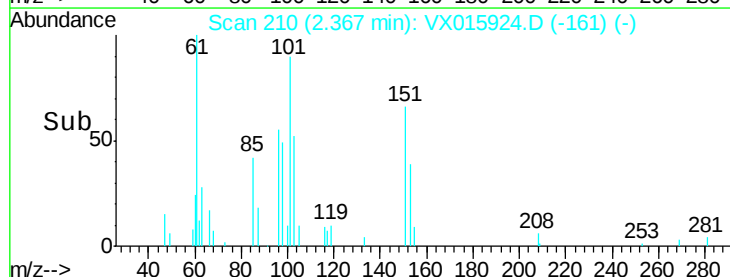
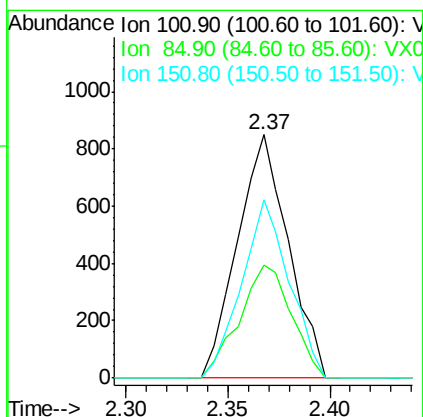
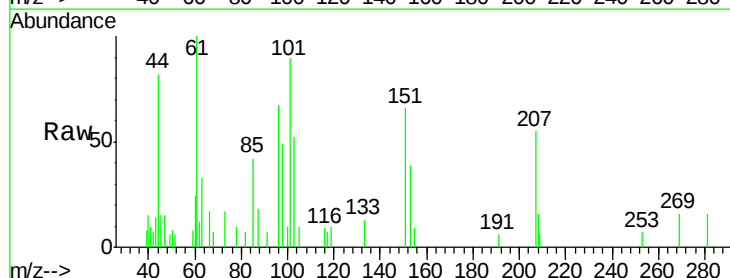
Tgt Ion: 101 Resp: 1467

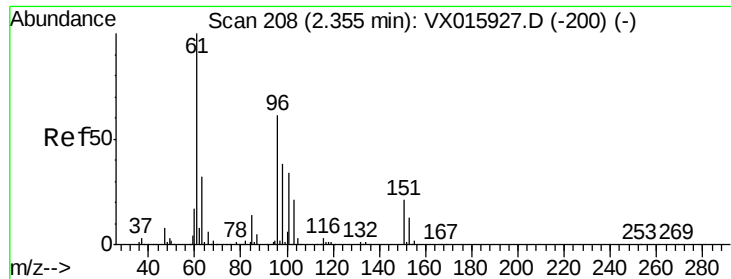
Ion Ratio Lower Upper

101 100

85 47.7 34.9 52.3

151 68.6 55.8 83.6





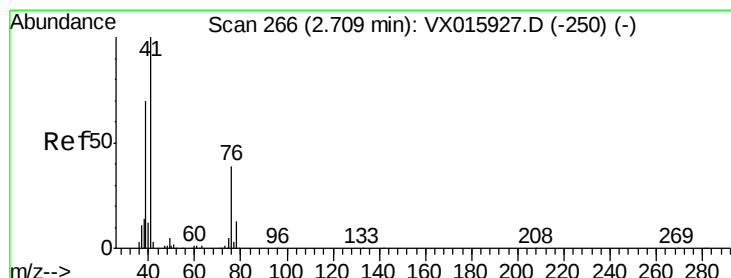
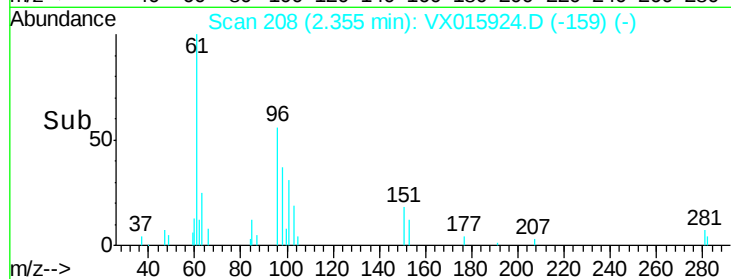
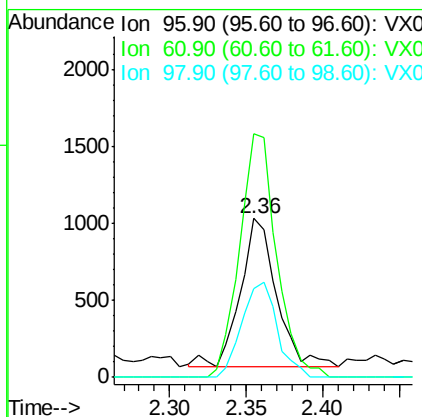
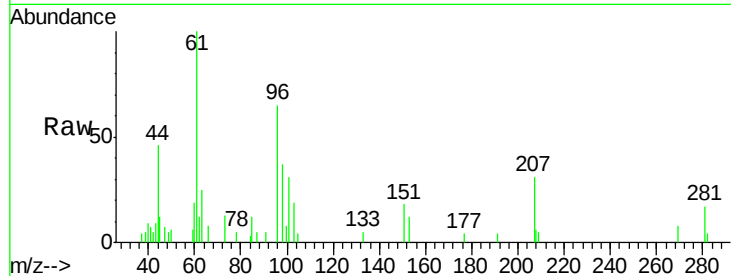
#12
 1,1-Dichloroethene
 Concen: 0.922 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.4	131.2	196.8
98	60.4	50.2	75.4

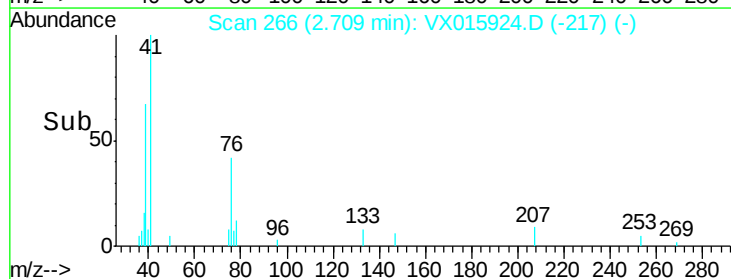
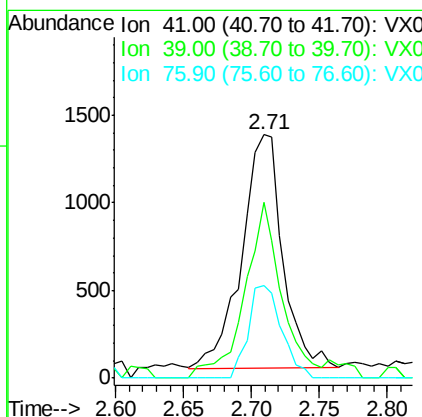
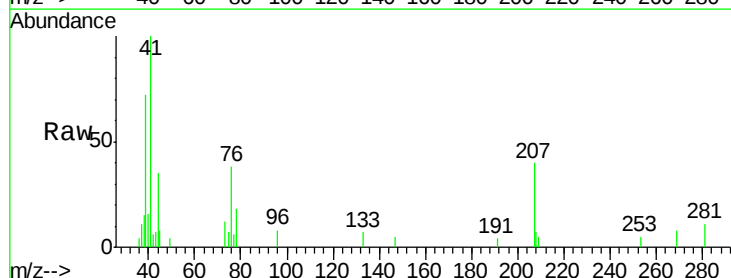
Manual Integrations
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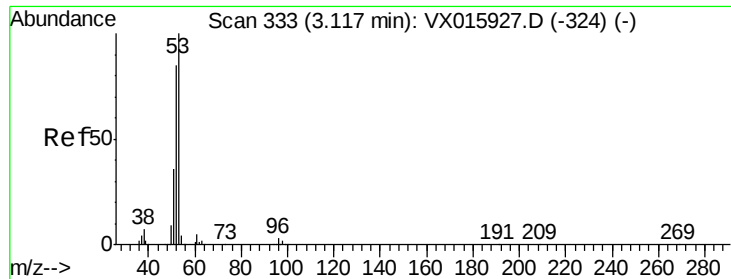
MMDadoda
 4/27/2020 11:37:02 AM



#14
 Allyl chloride
 Concen: 0.931 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.9	51.6	77.4
76	32.0	29.3	43.9





#15

Acrylonitrile

Concen: 4.292 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

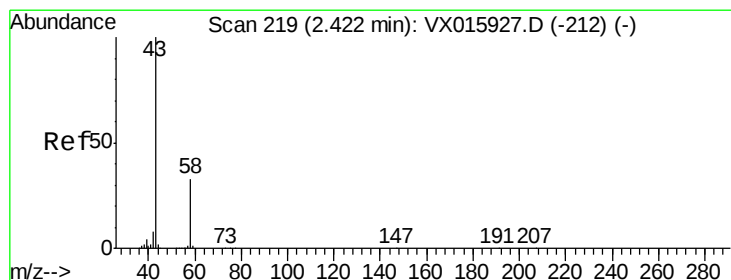
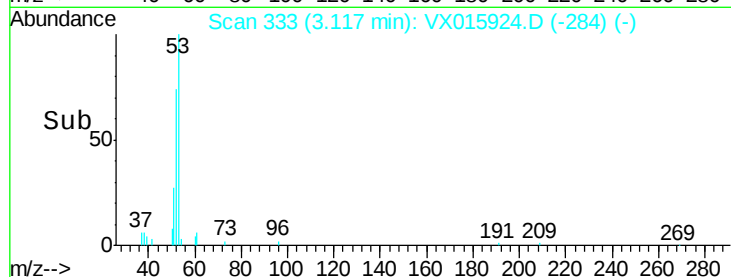
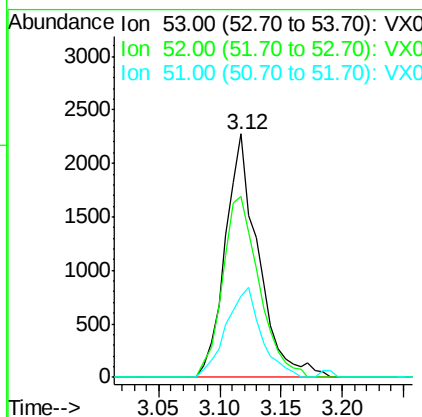
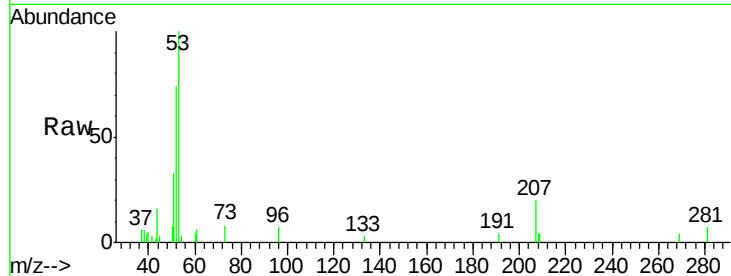
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	4252
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.5	98.3
51	39.2	28.2	42.2

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4/27/2020 11:37:02 AM



#16

Acetone

Concen: 4.891 ug/l

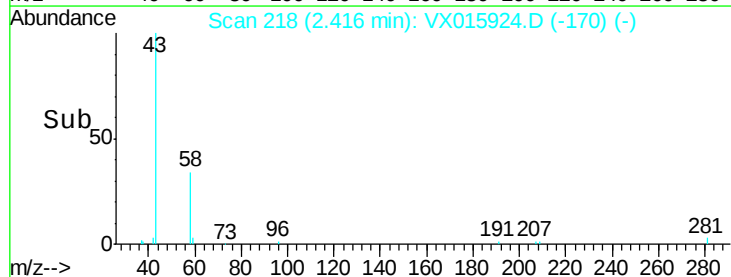
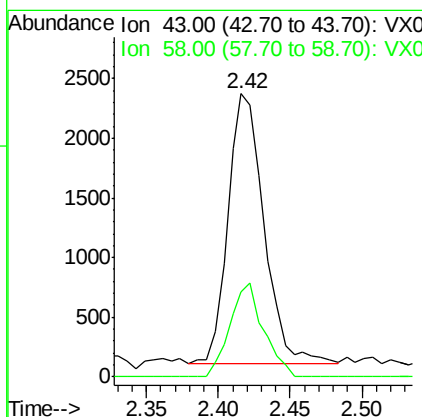
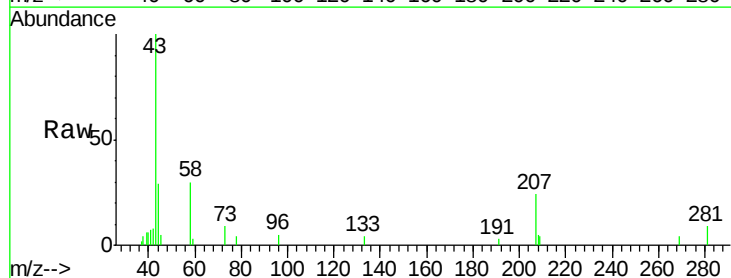
RT: 2.42 min Scan# 218

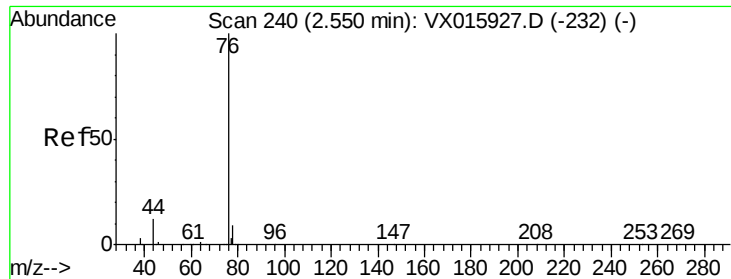
Delta R.T. -0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	43	Resp:	3933
Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.4	39.6





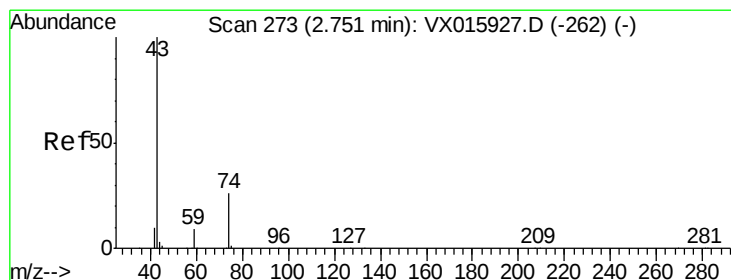
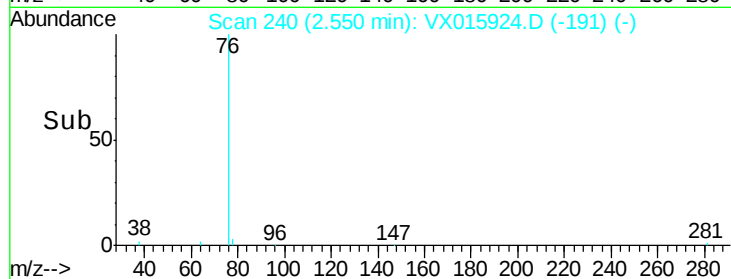
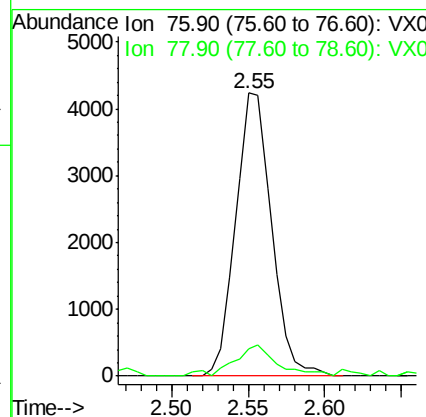
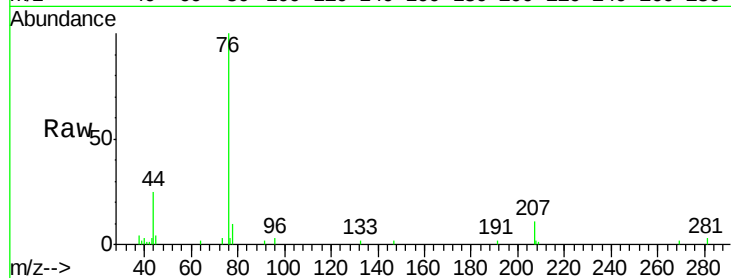
#17
Carbon Disulfide
Concen: 1.255 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

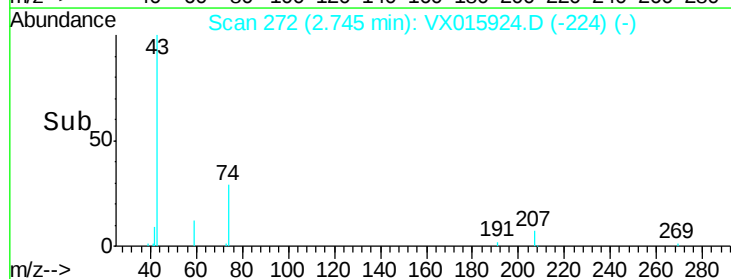
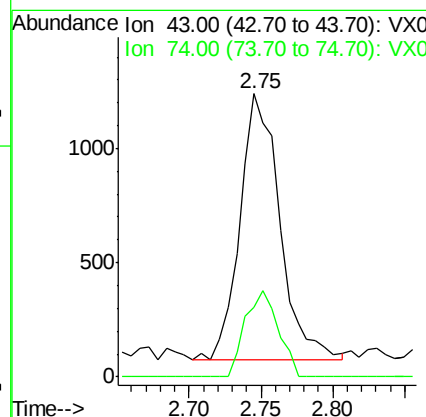
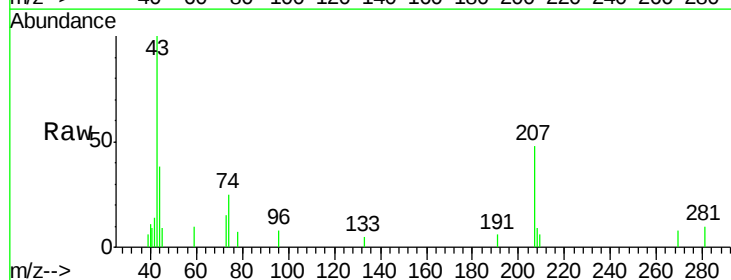
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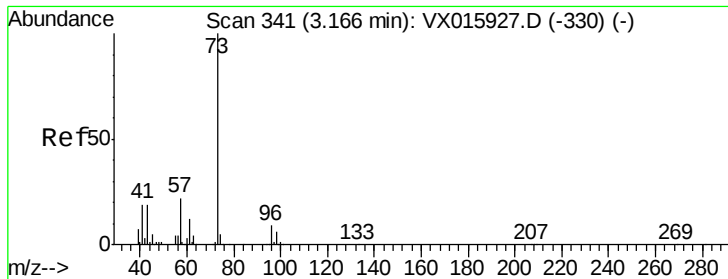
MMDadoda
4/27/2020 11:37:02 AM



#18
Methyl Acetate
Concen: 0.930 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.0	31.4





#19

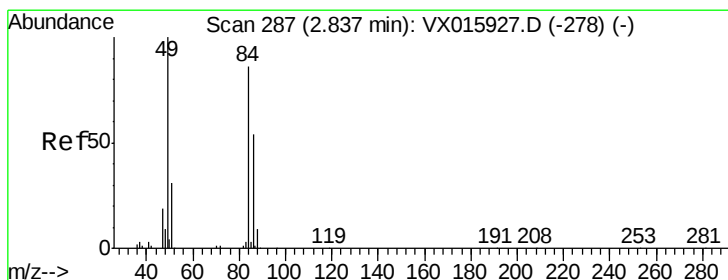
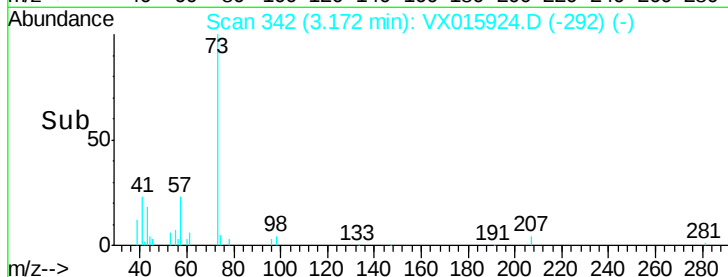
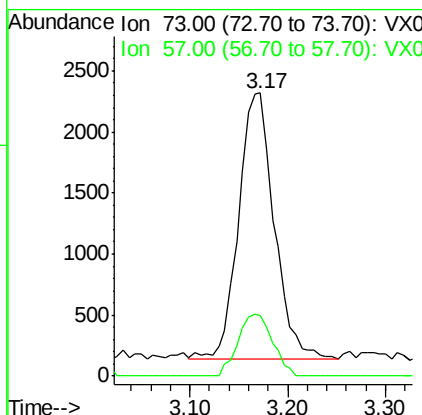
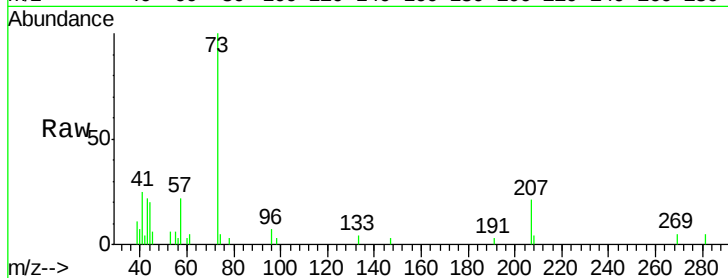
Methyl tert-butyl Ether
 Concen: 0.896 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.3	25.9

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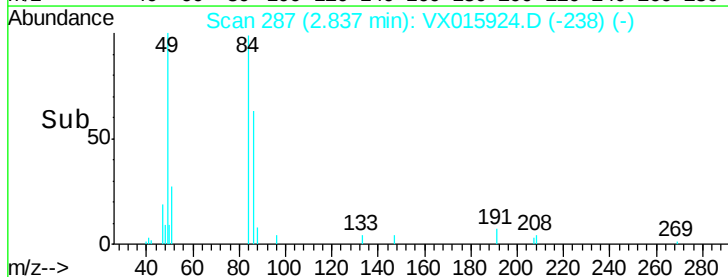
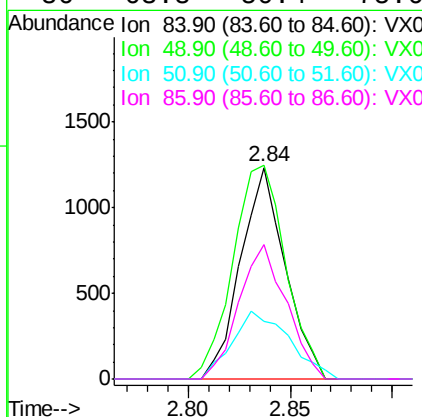
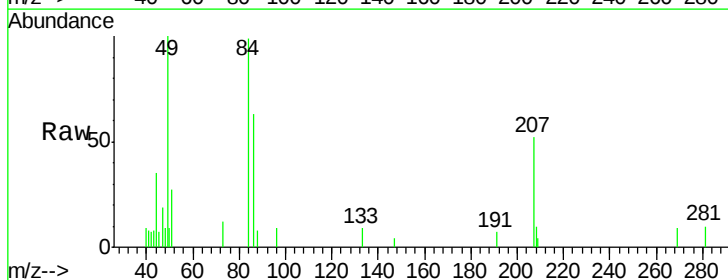
MMDadoda
 4/27/2020 11:37:02 AM

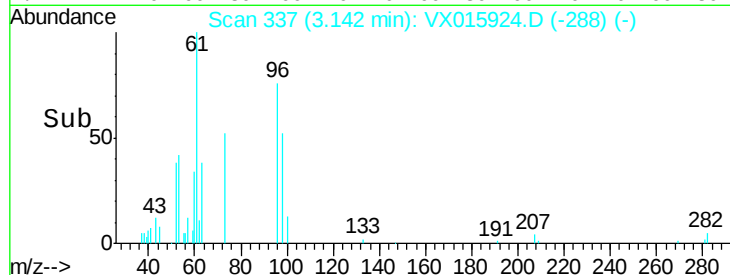
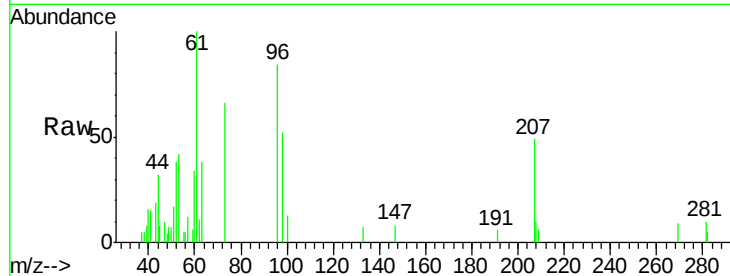
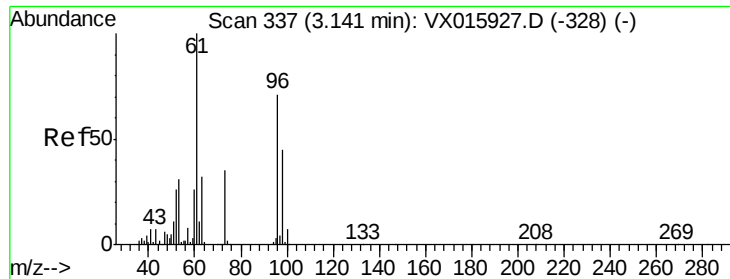


#20

Methylene Chloride
 Concen: 0.945 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.0	93.0	139.6
51	27.6	28.6	43.0#
86	63.8	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 0.908 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tot Ion:	96	Resp:	1740
Ion	Ratio	Lower	Upper
96	100		
61	130.3	112.7	169.1
98	67.4	51.0	76.4

Instrument :

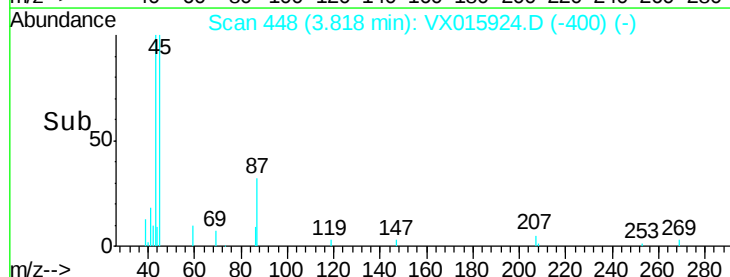
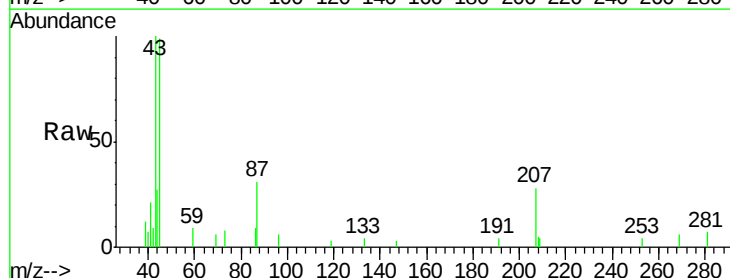
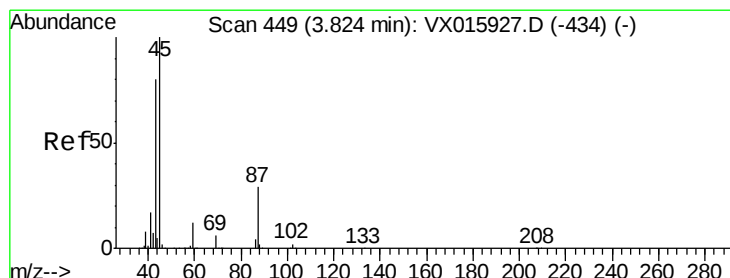
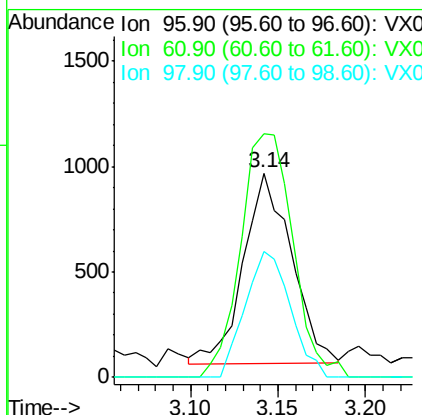
MSVOA_X

ClientSampleId :

VSTDIC001

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#22

Diisopropyl ether

Concen: 0.932 ug/l

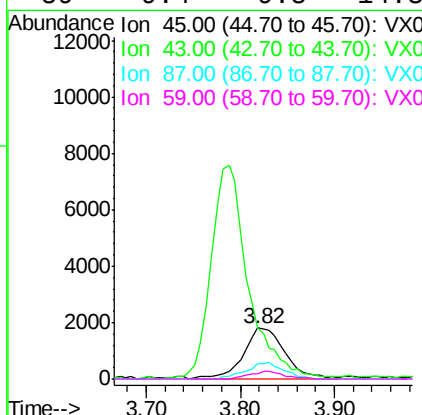
RT: 3.82 min Scan# 448

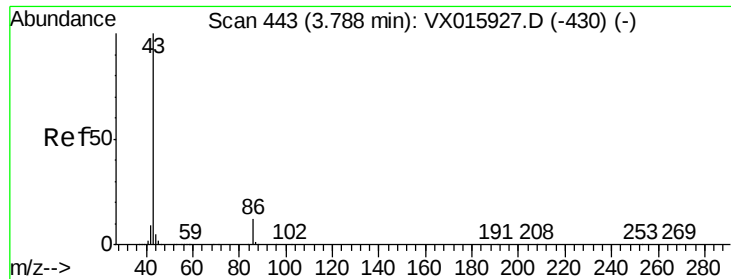
Delta R.T. -0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	45	Resp:	5595
Ion	Ratio	Lower	Upper
45	100		
43	96.2	63.8	95.6#
87	31.0	22.9	34.3
59	9.4	9.5	14.3#





#23

Vinyl Acetate

Concen: 4.293 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 20916

Ion Ratio Lower Upper

43 100

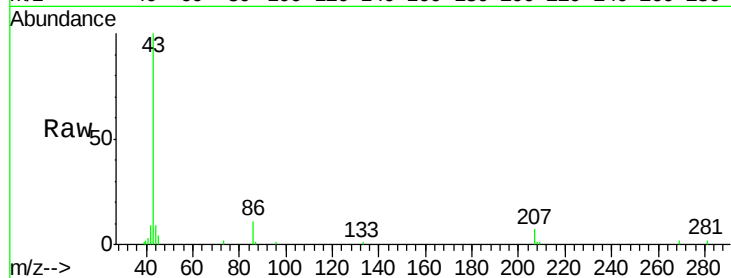
86 10.6 9.4 14.2

Manual Integrations

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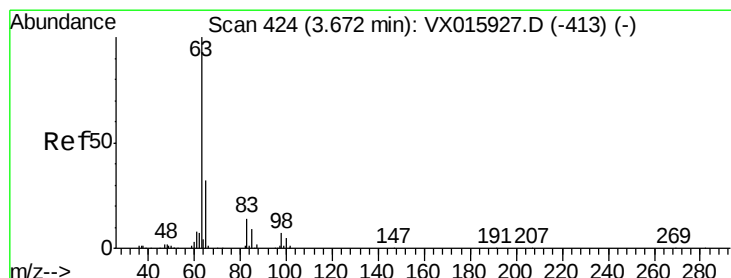
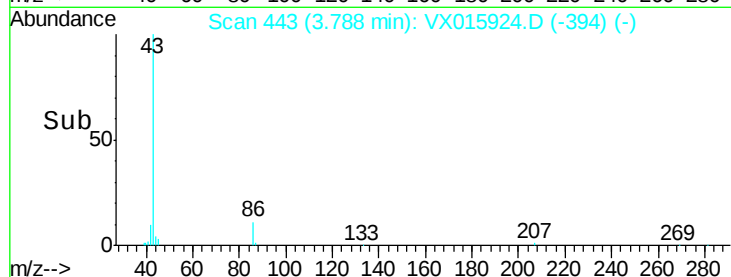
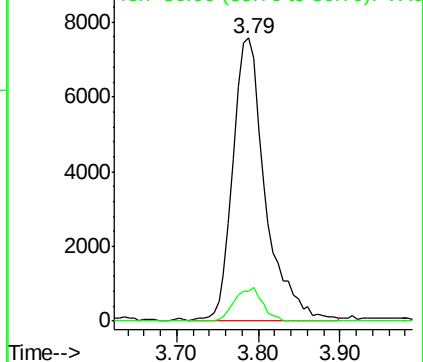
MMDadoda

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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: 0.903 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

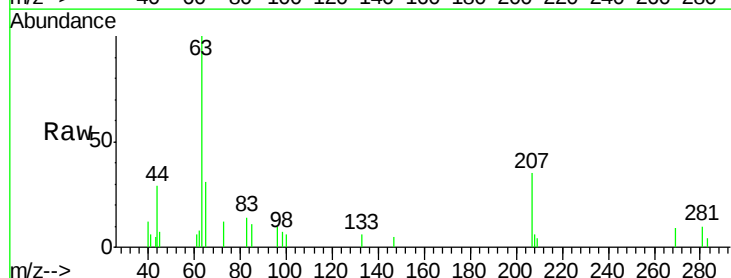
Tgt Ion: 63 Resp: 3085

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

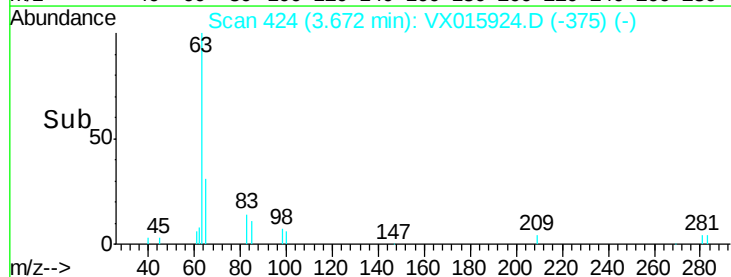
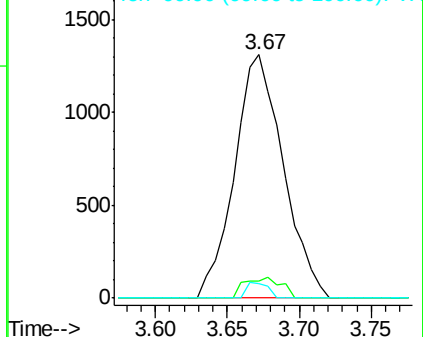
100 6.2 2.3 6.9

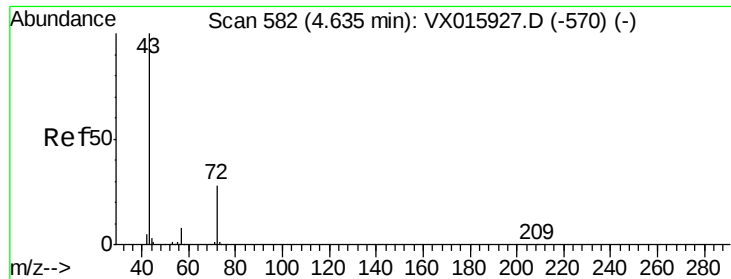


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 4.447 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5728

Ion Ratio Lower Upper

43 100

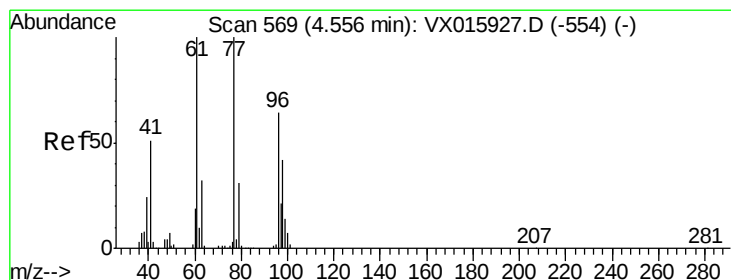
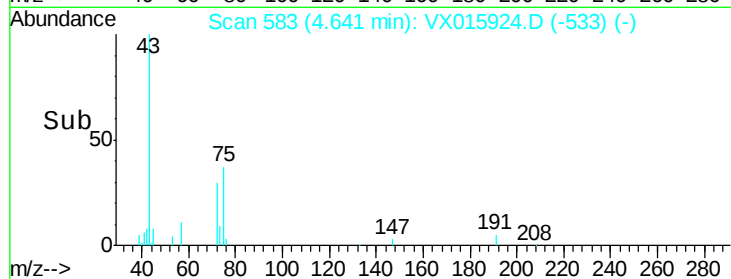
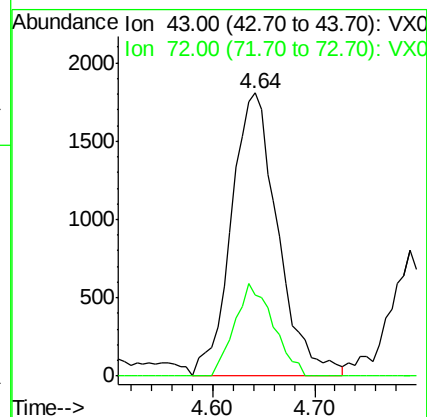
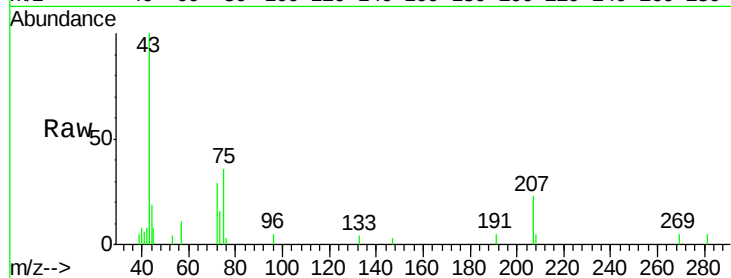
72 28.9 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 0.904 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015924.D

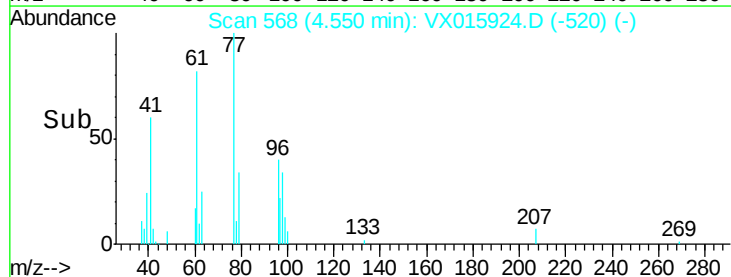
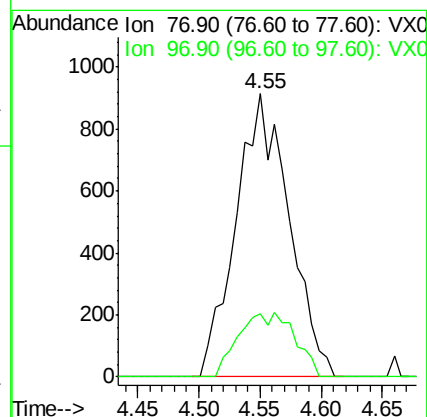
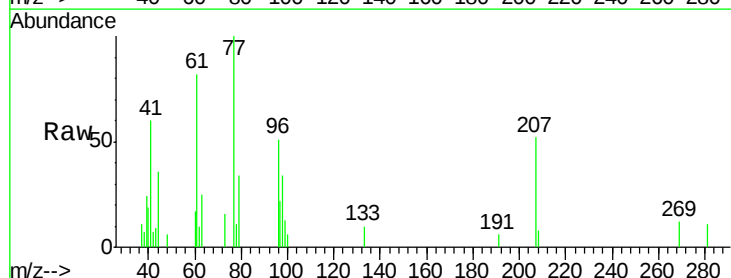
Acq: 24 Apr 2020 11:05

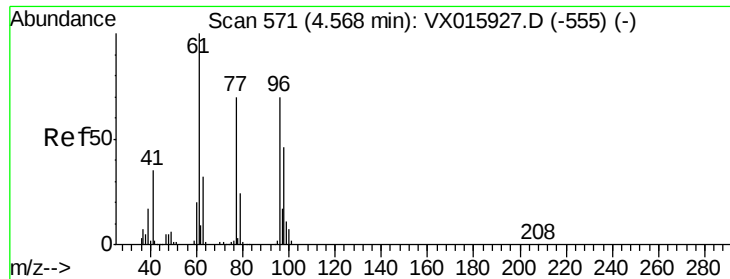
Tgt Ion: 77 Resp: 2756

Ion Ratio Lower Upper

77 100

97 13.2 11.3 33.9





#27

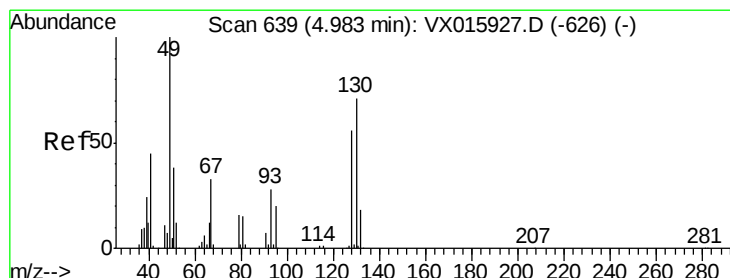
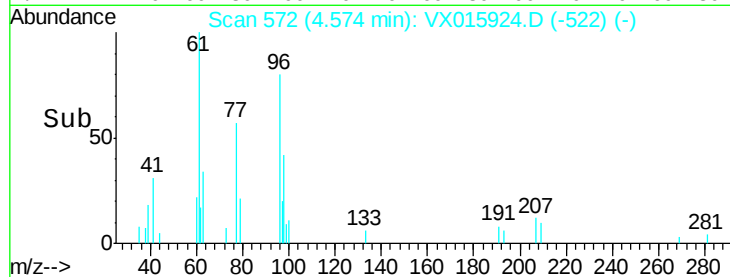
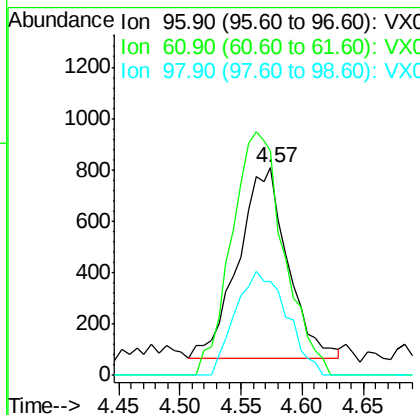
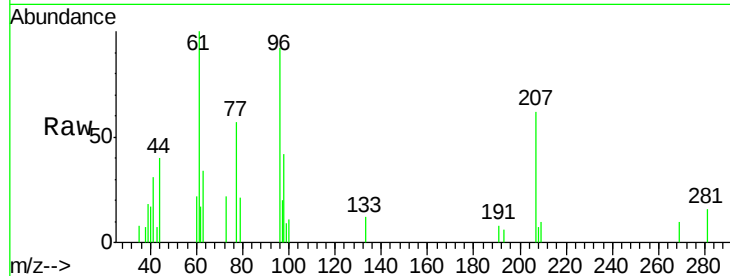
cis-1,2-Dichloroethene
Concen: 0.955 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	293.4
98	56.9	0.0	129.0

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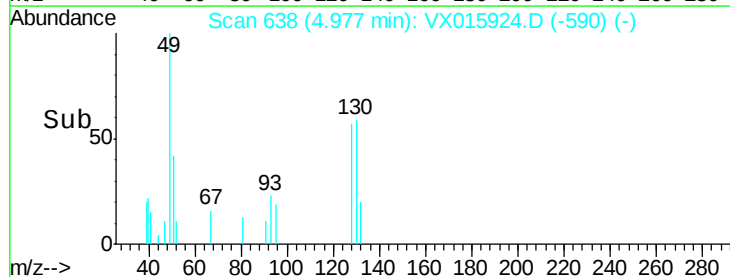
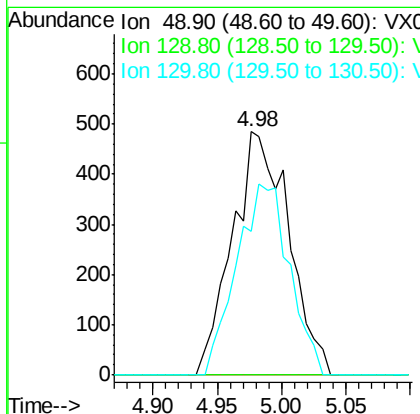
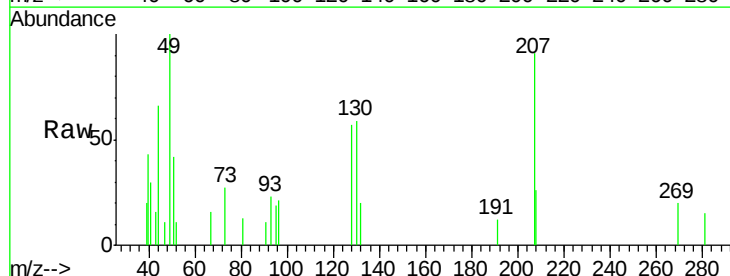
MMDadoda
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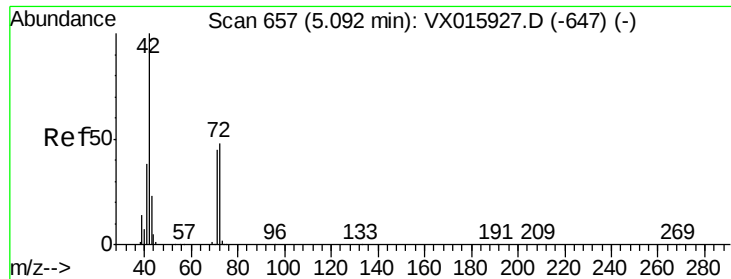


#28

Bromochloromethane
Concen: 0.963 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	73.7	60.7	91.1





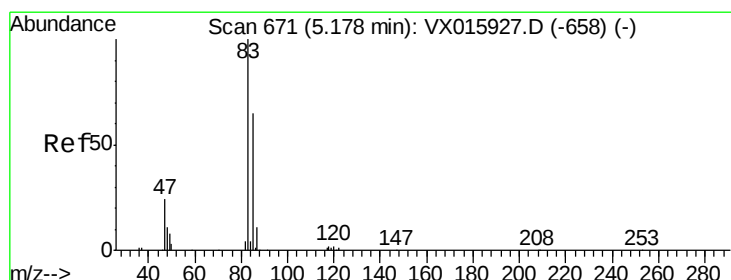
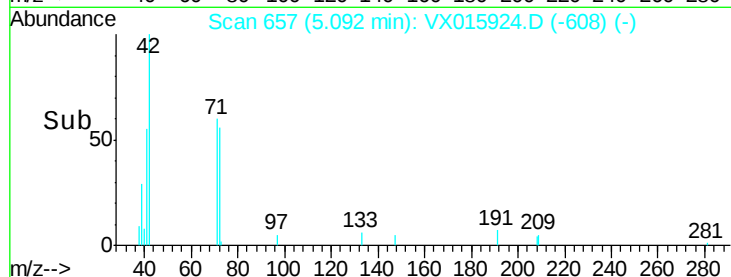
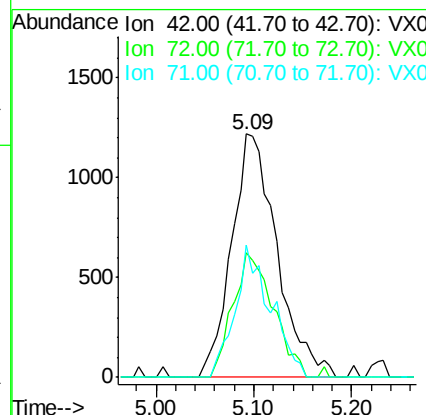
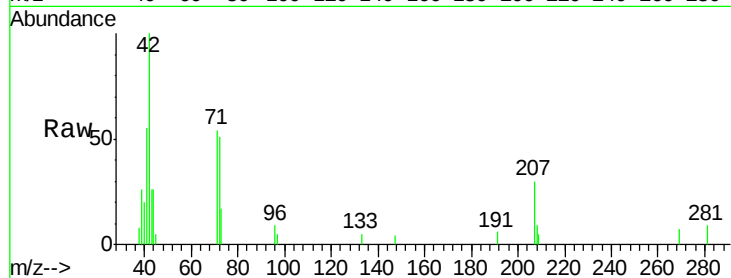
#29
Tetrahydrofuran
Concen: 4.591 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	3930
Ion	Ratio	Lower	Upper
42	100		
72	45.6	39.5	59.3
71	42.7	36.4	54.6

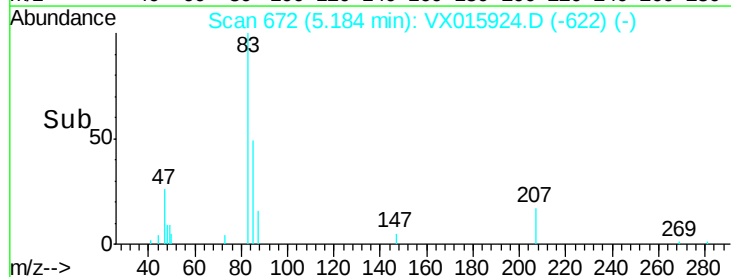
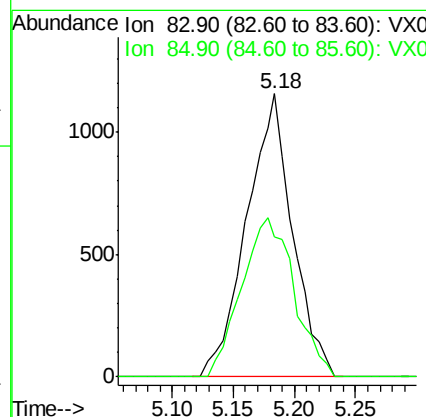
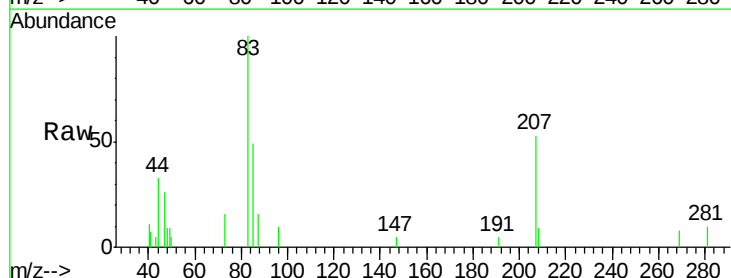
Manual Integrations
APPROVED

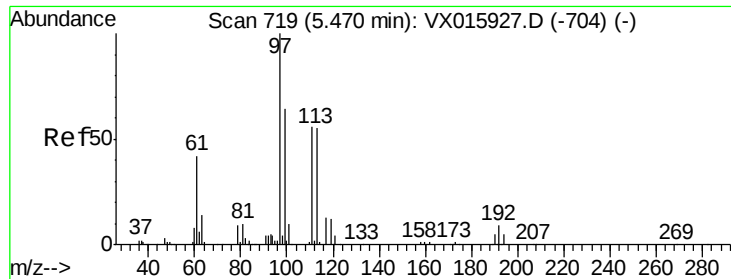
MMDadoda
4/27/2020 11:37:02 AM



#30
Chloroform
Concen: 0.893 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion:	83	Resp:	3015
Ion	Ratio	Lower	Upper
83	100		
85	49.4	51.7	77.5#





#32

1,1,1-Trichloroethane

Concen: 0.940 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

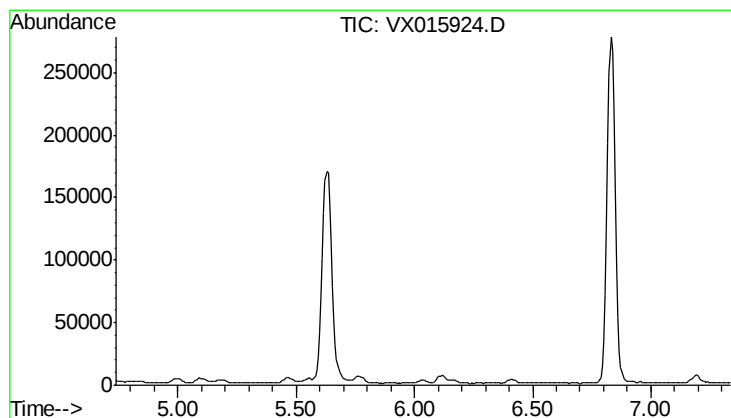
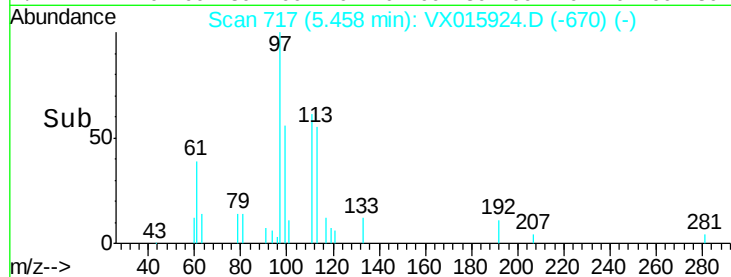
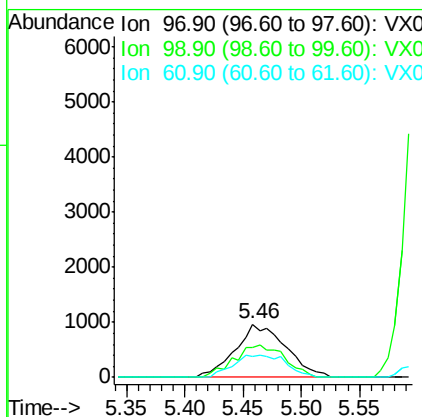
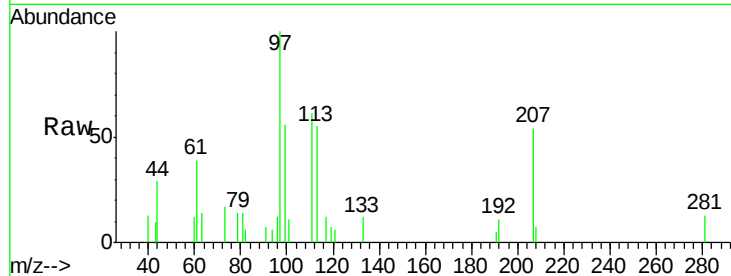
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	2880
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	43.5	35.0	52.4

Manual Integrations
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MMDadoda
4/27/2020 11:37:02 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.04 min

Lab File: VX015924.D

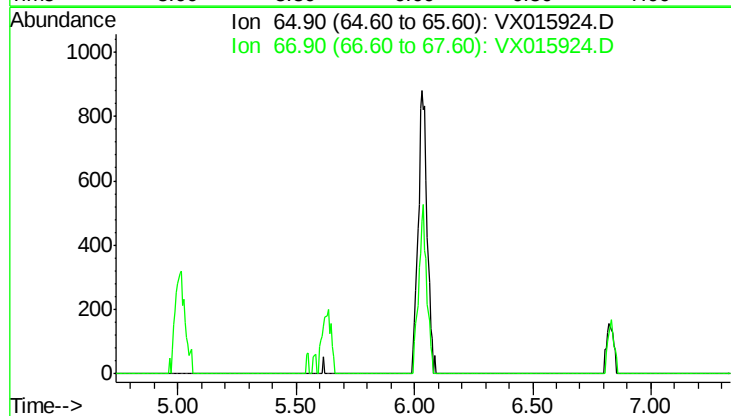
Acq: 24 Apr 2020 11:05

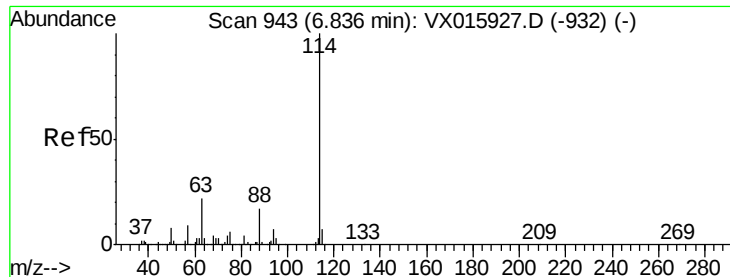
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.3





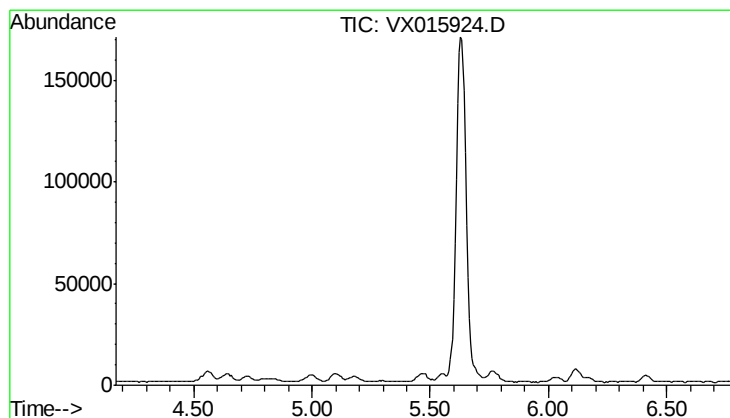
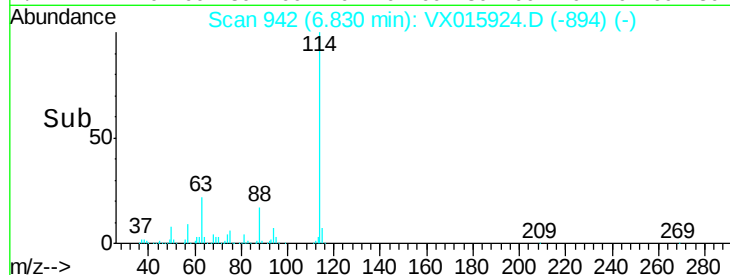
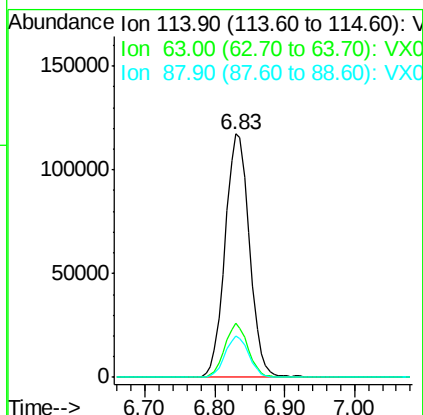
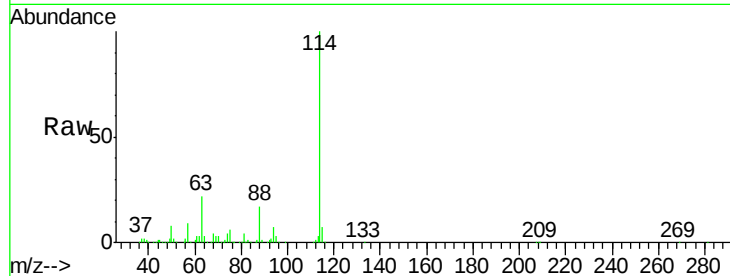
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.1	0.0	44.4
88	16.8	0.0	34.2

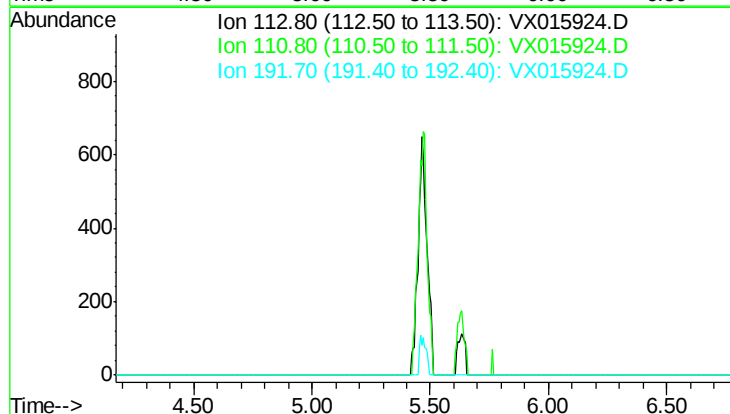
Manual Integrations
APPROVED

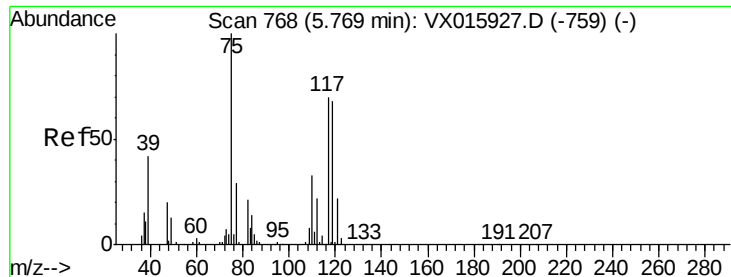
MMDadoda
4/27/2020 11:37:02 AM



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.47 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion	Exp Ratio
113	100
111	101.5
192	17.0





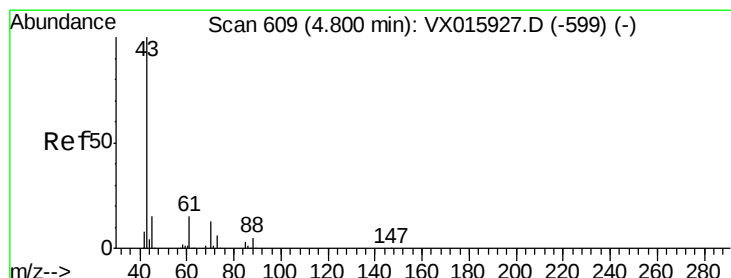
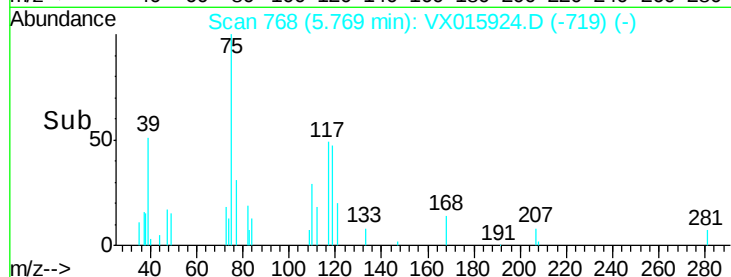
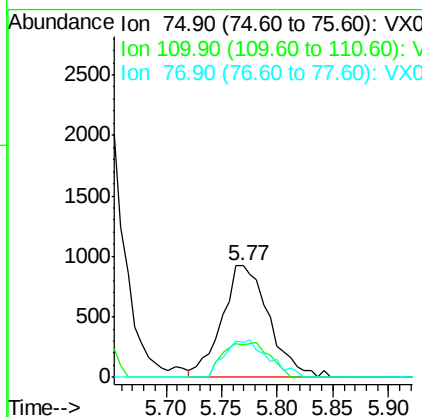
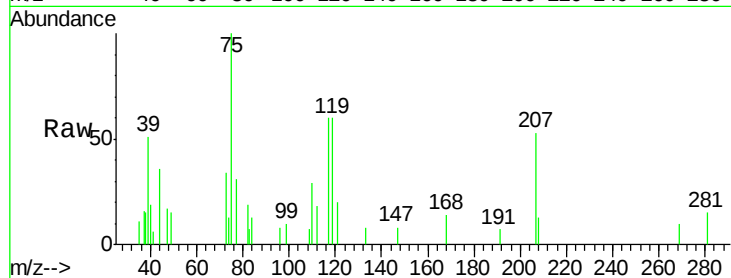
#36
 1,1-Dichloropropene
 Concen: 1.003 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.5	17.1	51.3
77	31.5	25.0	37.4

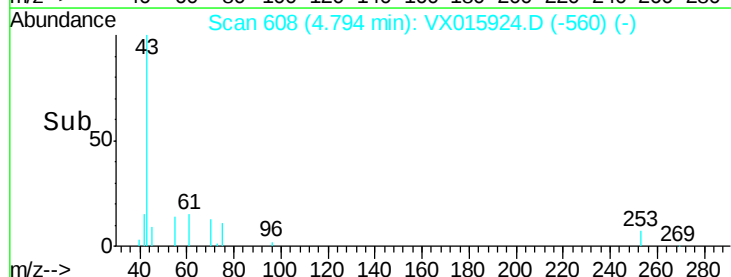
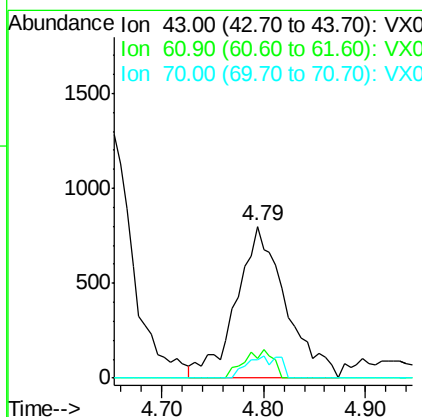
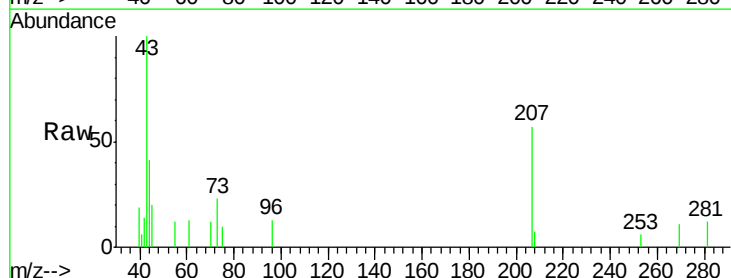
Manual Integrations
 APPROVED

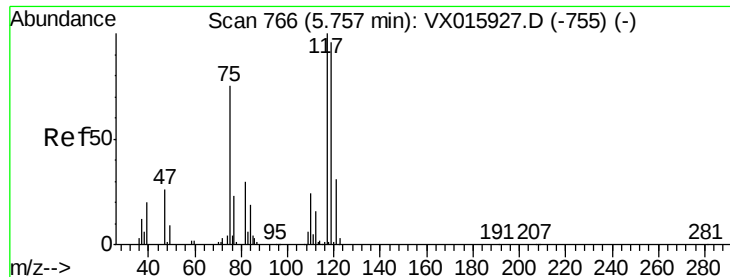
MMDadoda
 4/27/2020 11:37:02 AM



#37
 Ethyl Acetate
 Concen: 0.998 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.9	11.6	17.4#
70	9.8	9.8	14.6#





#38

Carbon Tetrachloride

Concen: 0.911 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

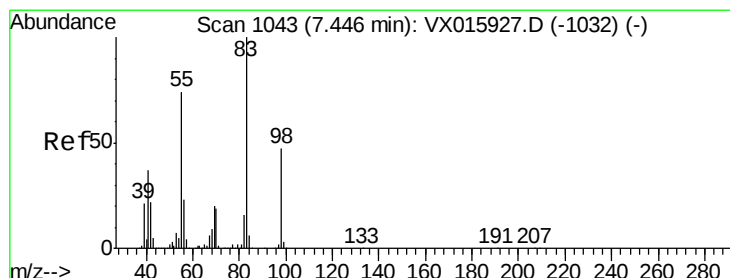
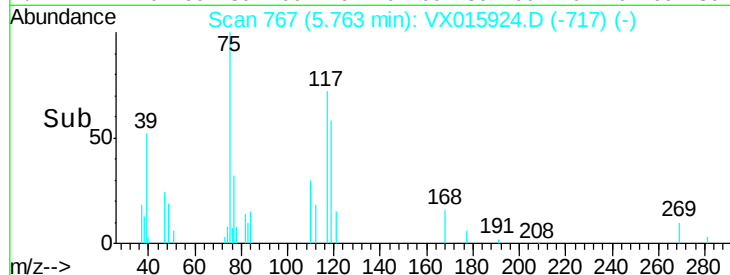
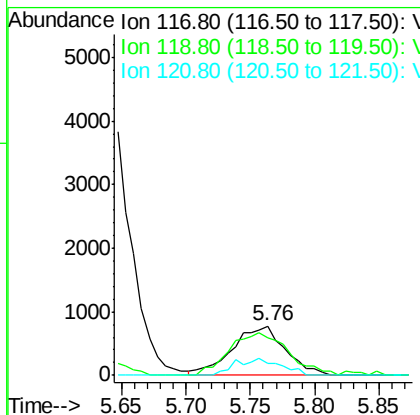
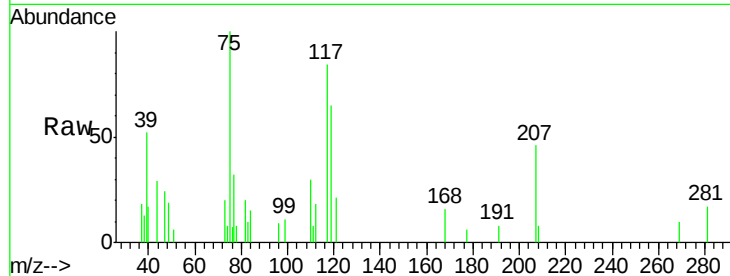
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	77.3	77.0	115.6
121	24.9	25.0	37.4

Manual Integrations
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MMDadoda
4/27/2020 11:37:02 AM



#39

Methylcyclohexane

Concen: 0.898 ug/l

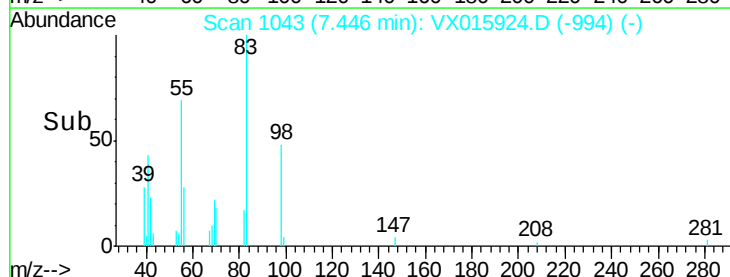
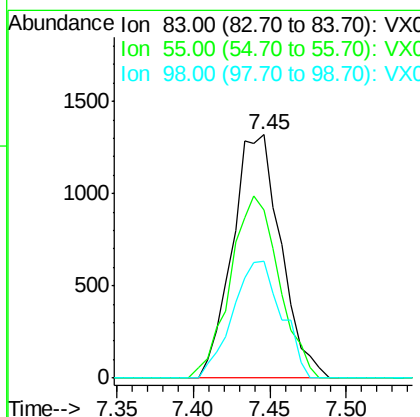
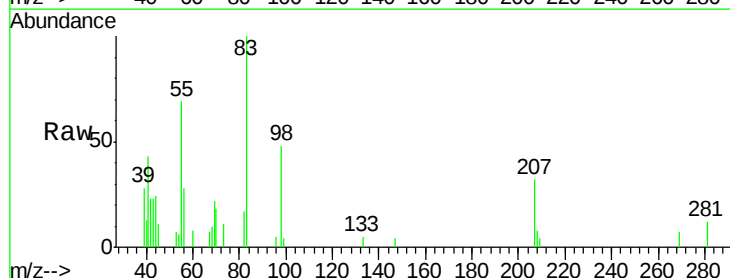
RT: 7.45 min Scan# 1043

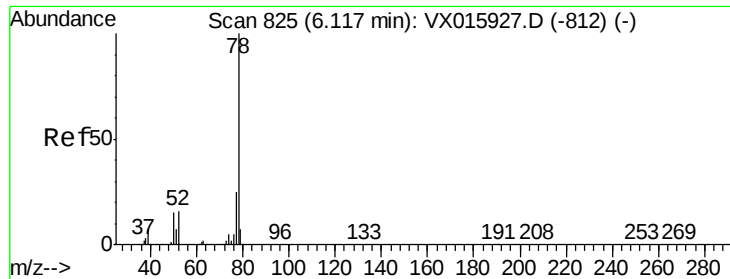
Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.0	59.0	88.4
98	47.8	37.4	56.0





#40

Benzene

Concen: 0.905 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 7062

Ion Ratio Lower Upper

78 100

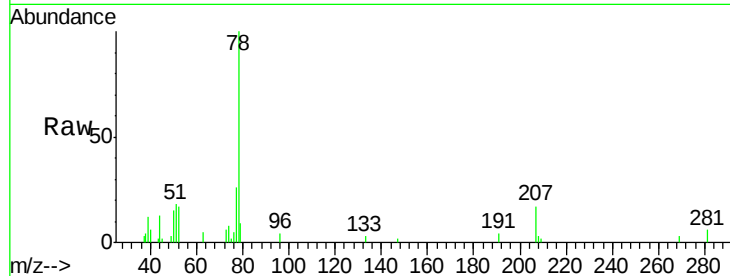
77 25.5 19.8 29.8

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

3000

2500

2000

1500

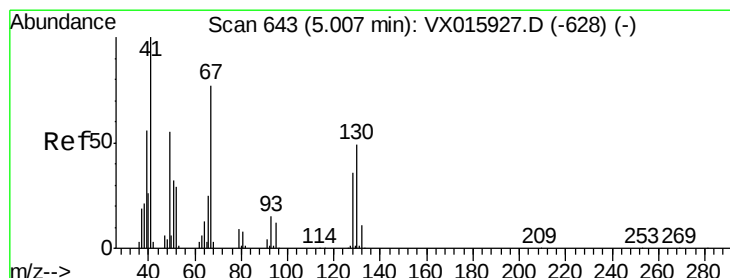
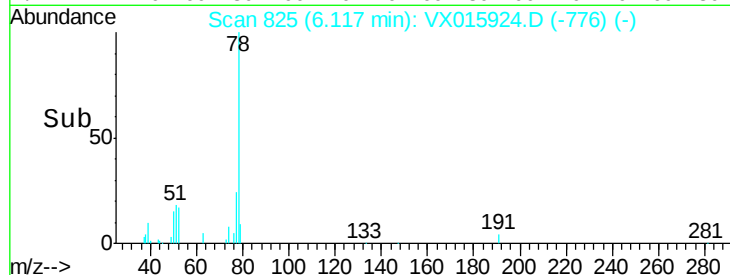
1000

500

0

Time-->

6.00 6.05 6.10 6.15 6.20



#41

Methacrylonitrile

Concen: 1.077 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion: 41 Resp: 1663

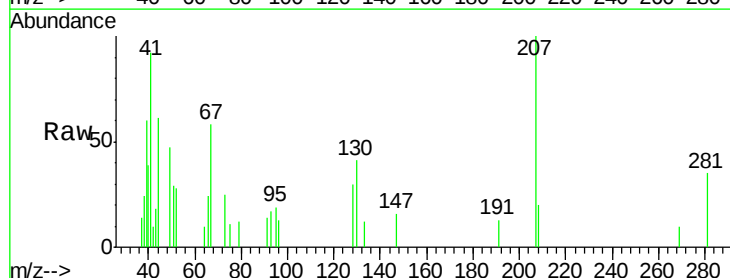
Ion Ratio Lower Upper

41 100

39 55.3 42.8 64.2

67 56.8 62.0 93.0#

52 22.8 24.2 36.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1000

800

600

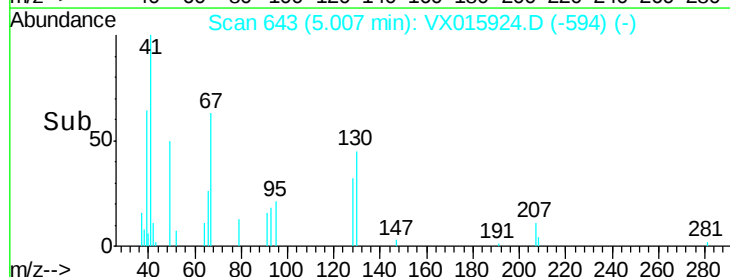
400

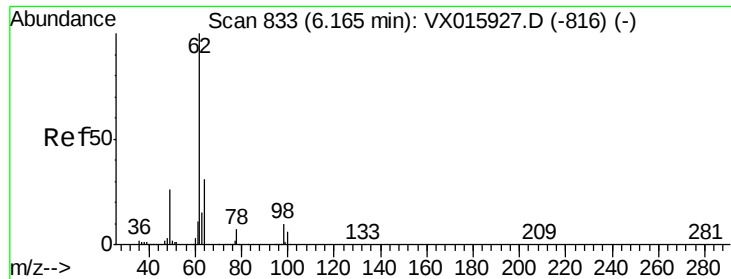
200

0

Time-->

4.90 4.95 5.00 5.05





#42

1,2-Dichloroethane

Concen: 0.907 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

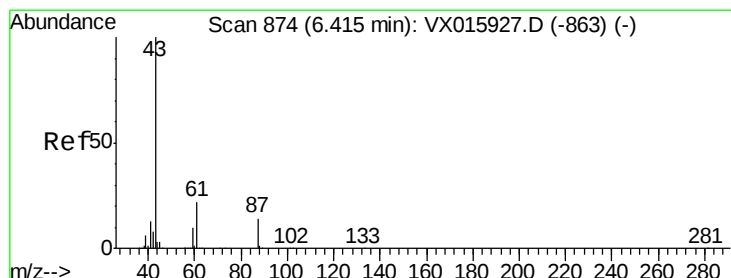
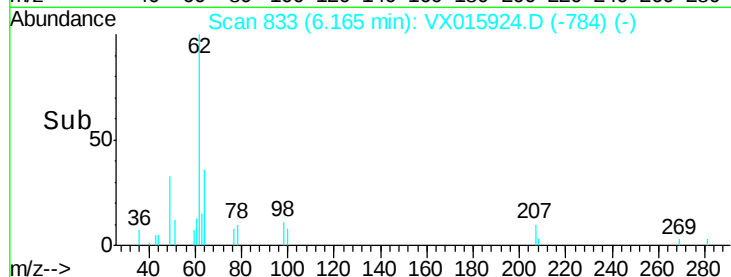
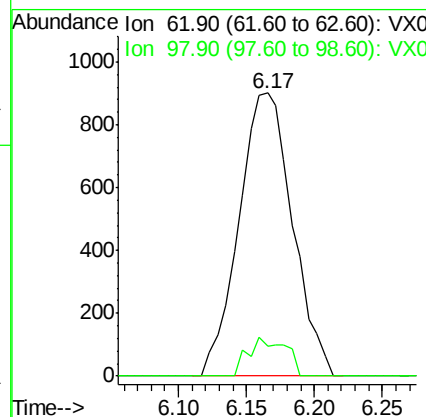
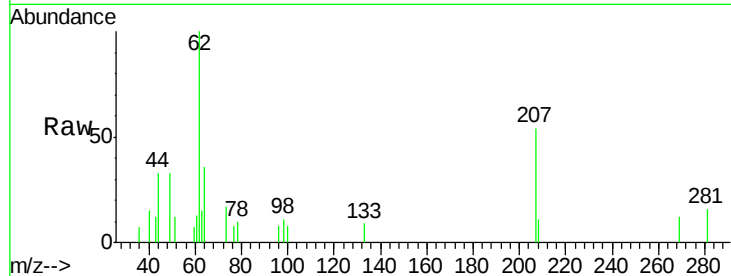
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	2480
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	20.0

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.889 ug/l

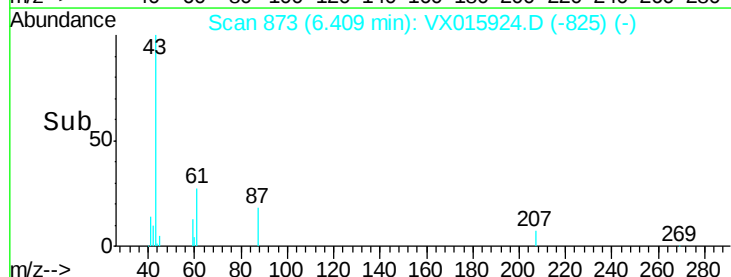
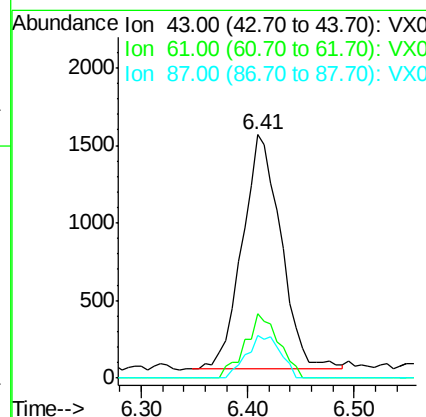
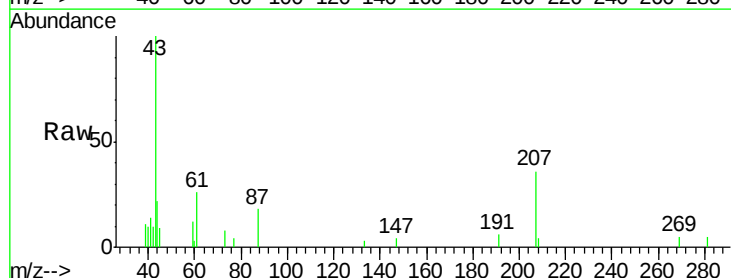
RT: 6.41 min Scan# 873

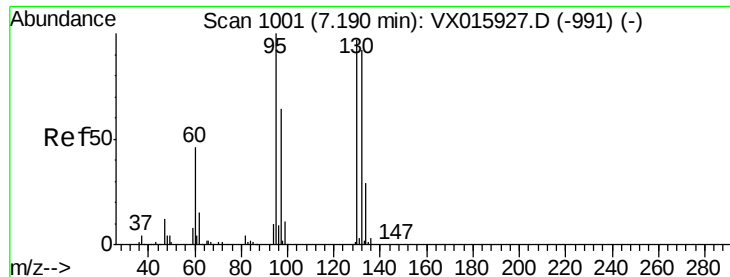
Delta R.T. -0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	43	Resp:	3868
Ion Ratio	Lower	Upper	
43	100		
61	23.9	17.6	26.4
87	16.0	11.6	17.4





#44

Trichloroethene

Concen: 0.924 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2240

Ion Ratio Lower Upper

130 100

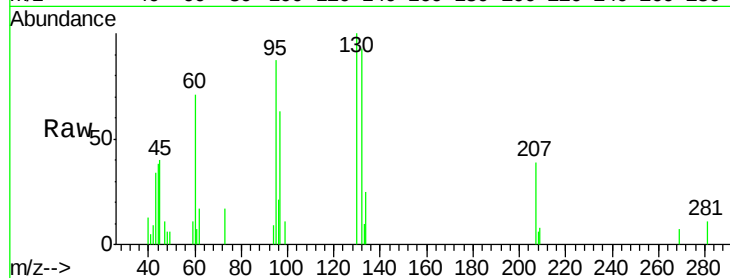
95 87.2 0.0 205.2

Manual Integrations

APPROVED

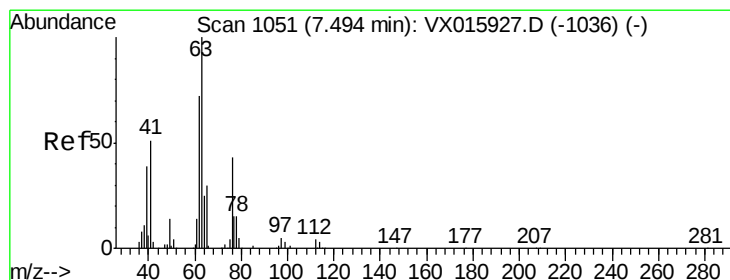
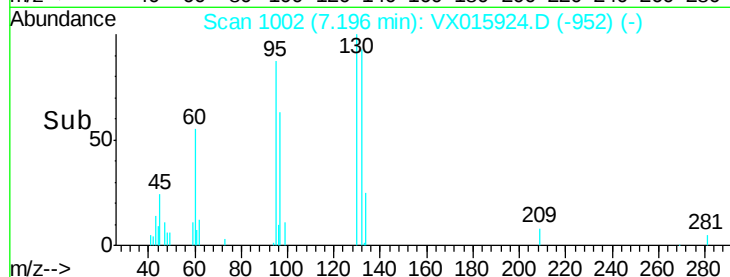
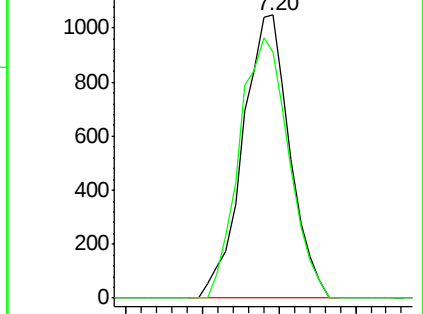
MMDadoda

4/27/2020 11:37:02 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.899 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015924.D

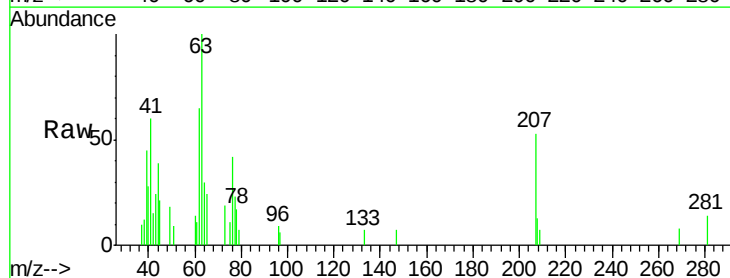
Acq: 24 Apr 2020 11:05

Tgt Ion: 63 Resp: 1791

Ion Ratio Lower Upper

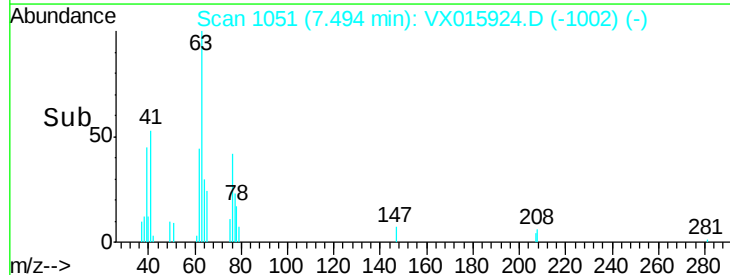
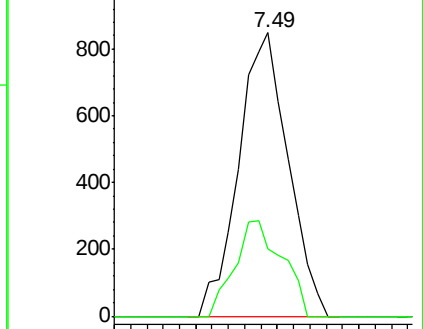
63 100

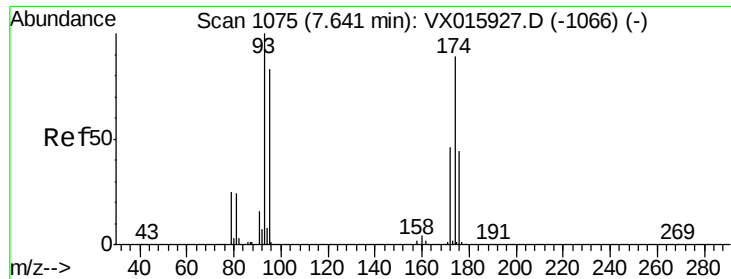
65 23.8 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.907 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

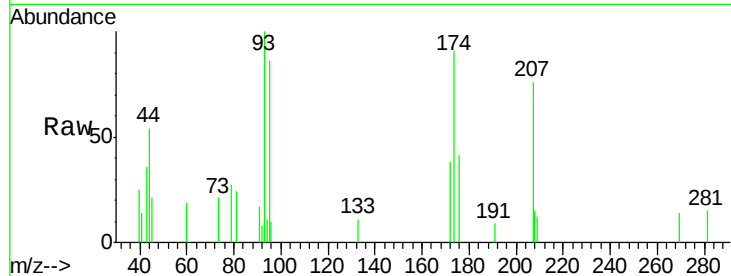
ClientSampleId :

VSTDIC001

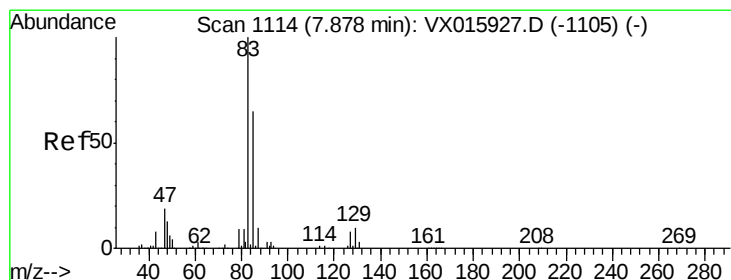
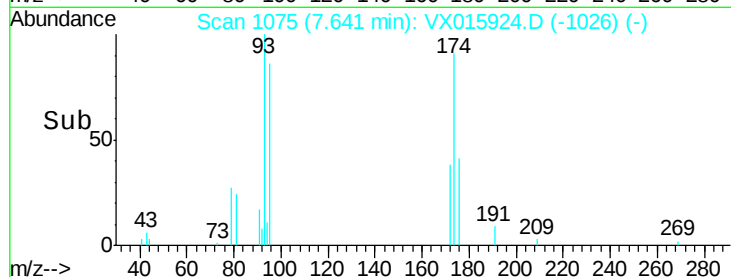
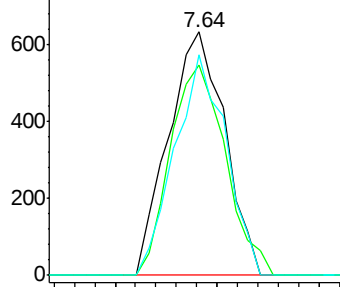
Tot Ion:	93	Resp:	1211
Ion	Ratio	Lower	Upper
93	100		
95	85.0	65.7	98.5
174	82.3	70.6	105.8

Manual Integrations
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4/27/2020 11:37:02 AM



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.899 ug/l

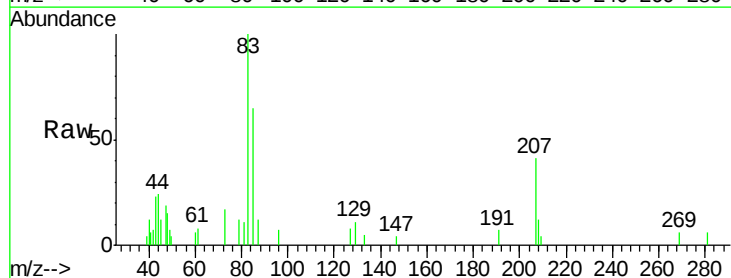
RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

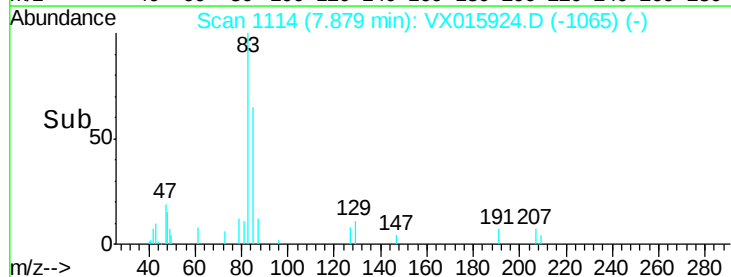
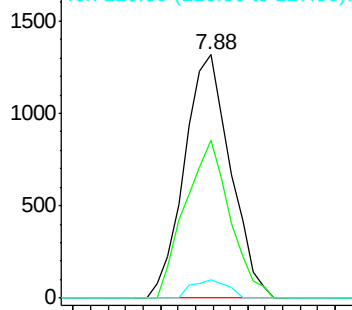
Lab File: VX015924.D

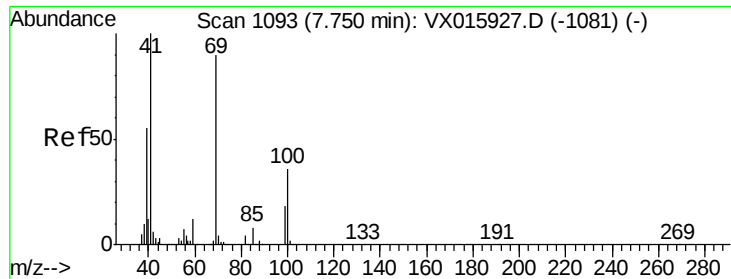
Acq: 24 Apr 2020 11:05

Tgt Ion:	83	Resp:	2404
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4
127	7.7	6.7	10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





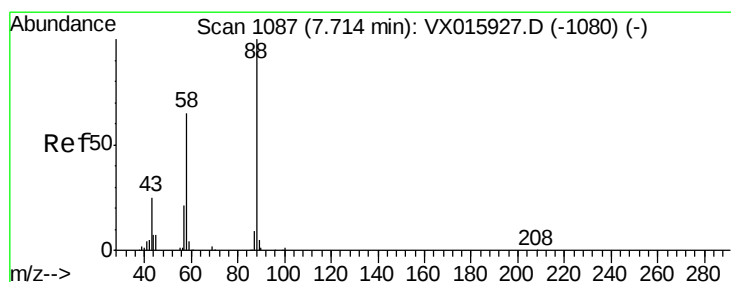
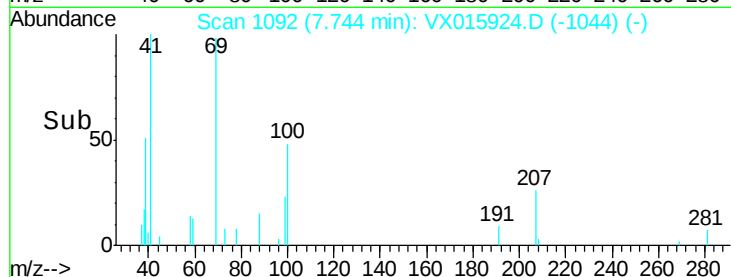
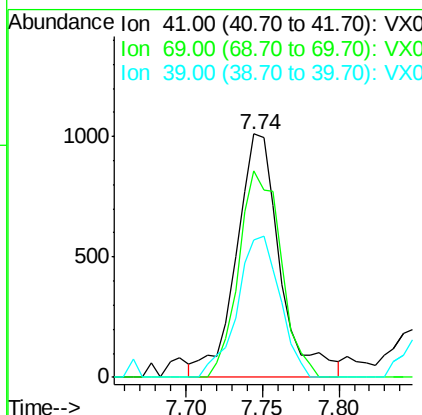
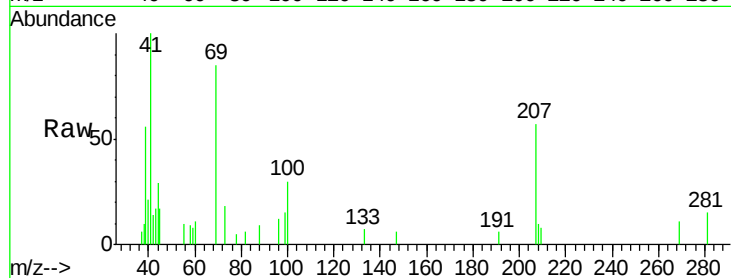
#48
Methvl methacrylate
Concen: 0.936 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampled :
VSTDICC001

Tot Ion	41	Resp	2005
Ion	Ratio	Lower	Upper
41	100		
69	82.1	72.0	108.0
39	56.6	44.1	66.1

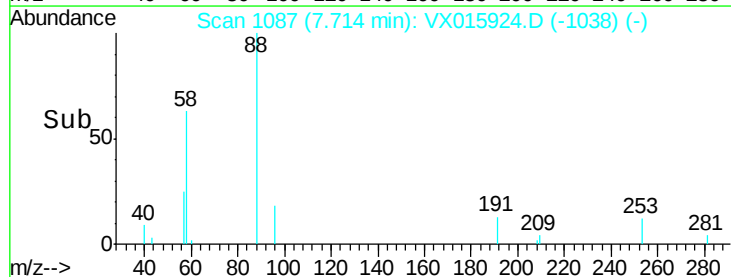
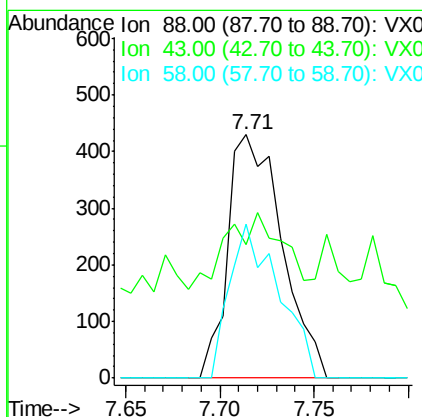
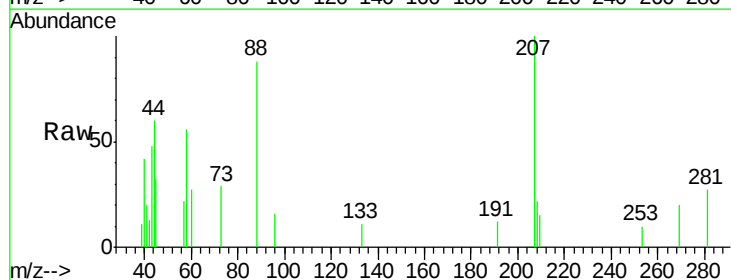
Manual Integrations
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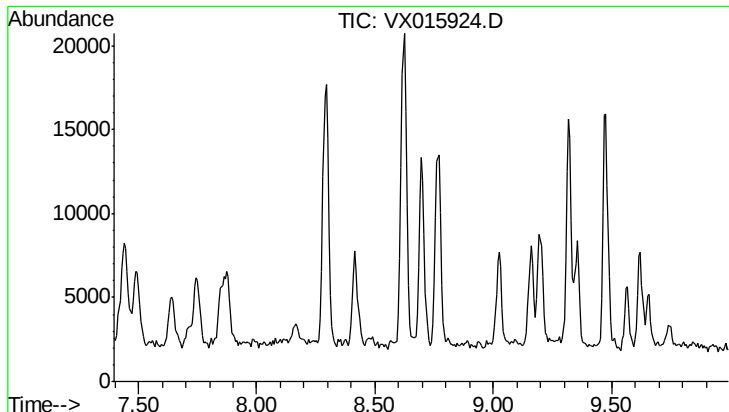
MMDadoda
4/27/2020 11:37:02 AM



#49
1,4-Dioxane
Concen: 18.338 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion	88	Resp	854
Ion	Ratio	Lower	Upper
88	100		
43	14.1	23.8	35.8#
58	57.6	55.7	83.5





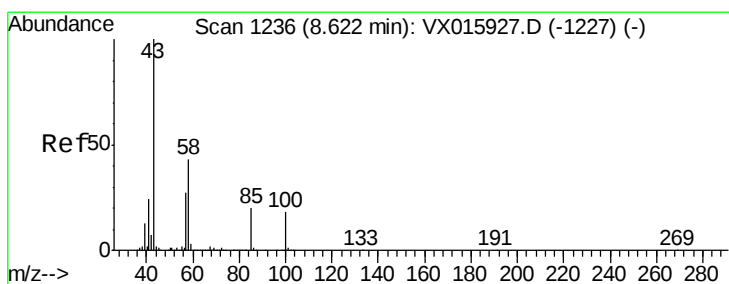
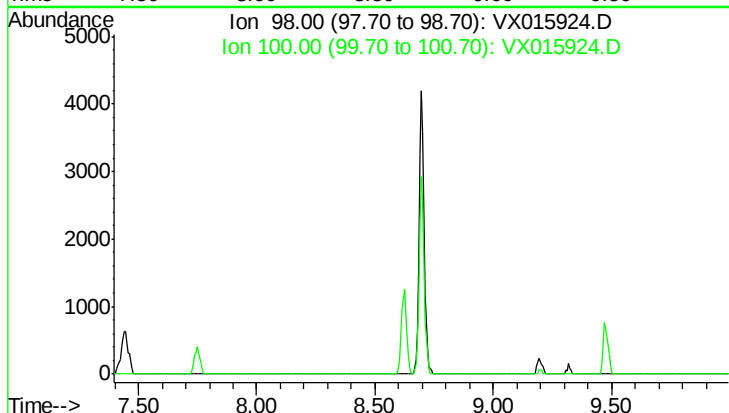
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

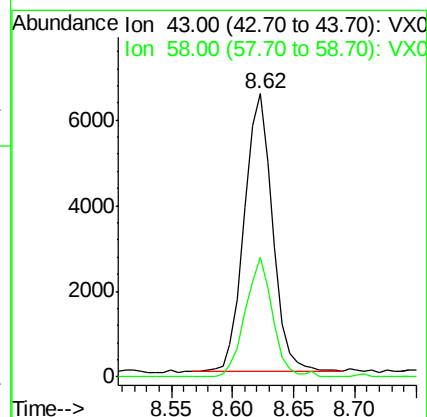
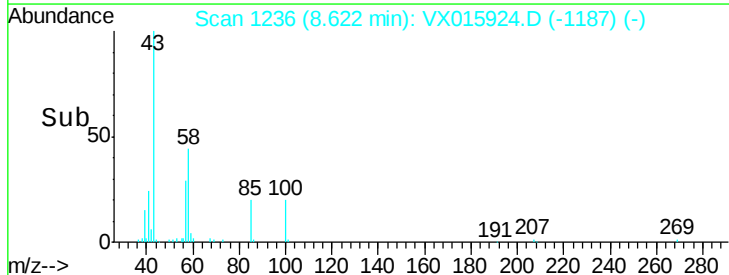
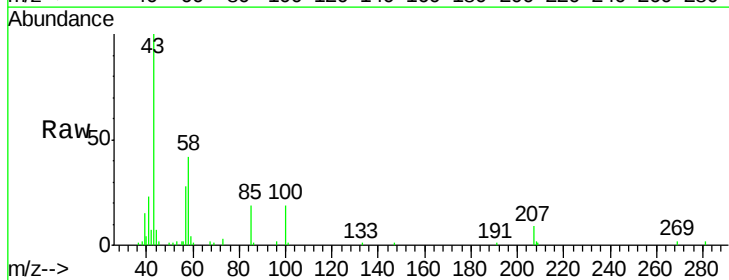
Manual Integrations
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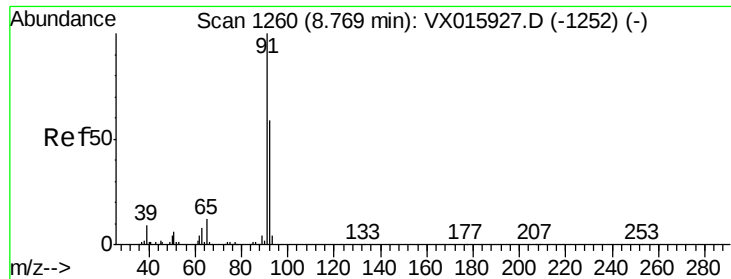
MMDadoda
4/27/2020 11:37:02 AM



#51
4-Methyl-2-Pentanone
Concen: 4.129 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion: 43 Resp: 10377
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.4





#52

Toluene

Concen: 0.879 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 4345

Ion Ratio Lower Upper

92 100

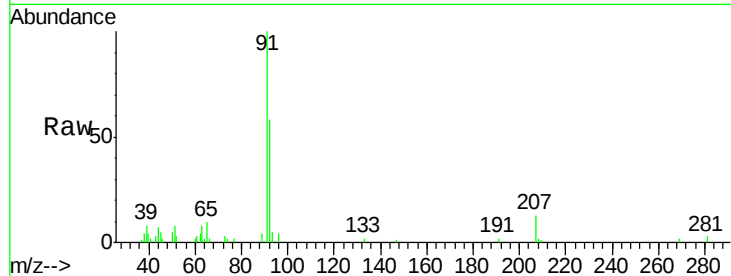
91 167.8 134.0 201.0

Manual Integrations

APPROVED

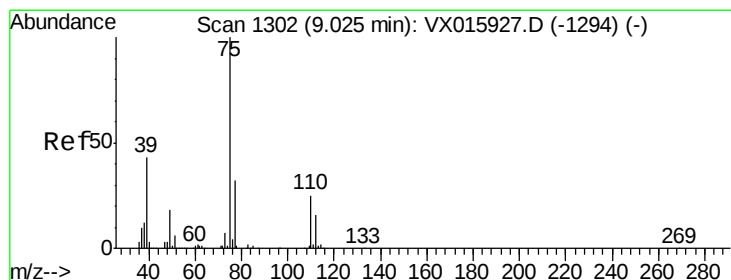
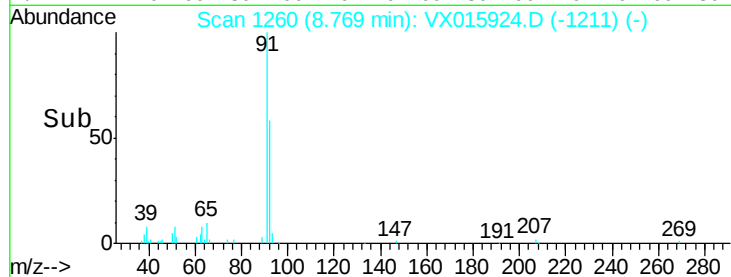
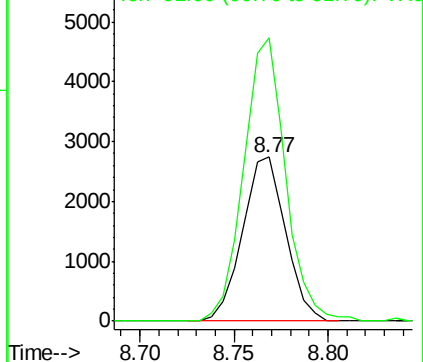
MMDadoda

4/27/2020 11:37:02 AM



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: 0.880 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015924.D

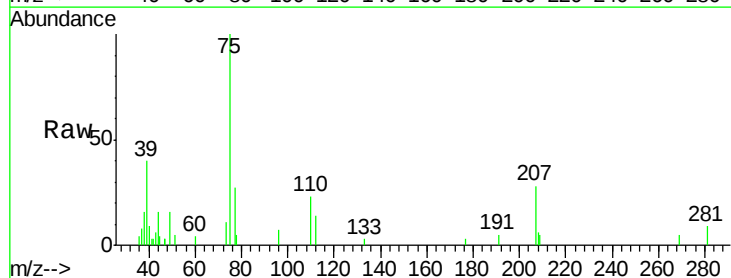
Acq: 24 Apr 2020 11:05

Tgt Ion: 75 Resp: 2847

Ion Ratio Lower Upper

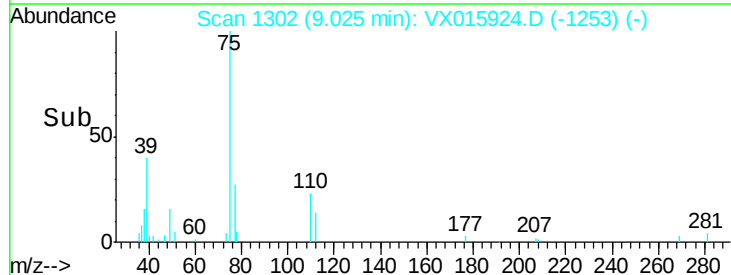
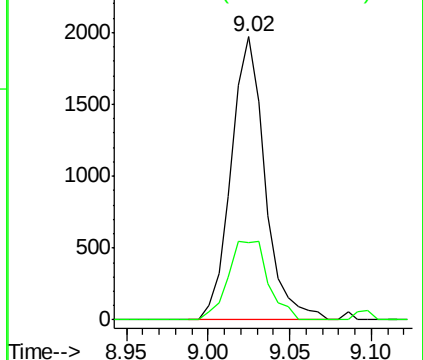
75 100

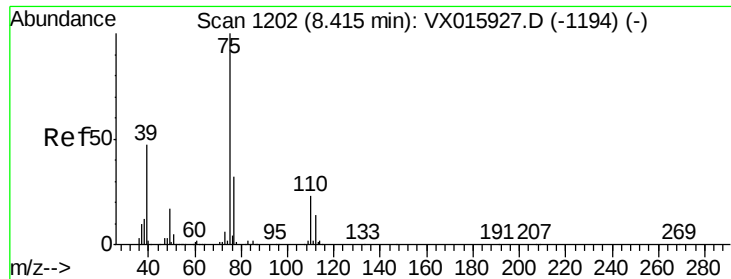
77 27.5 25.9 38.9



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: 0.863 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

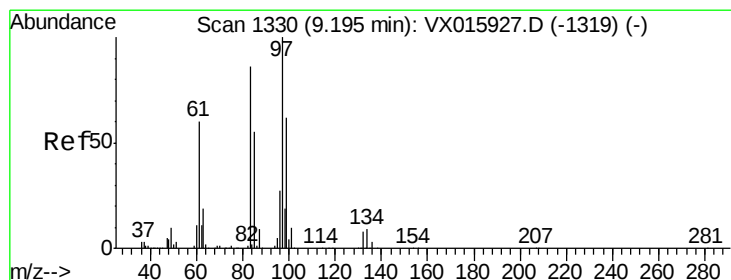
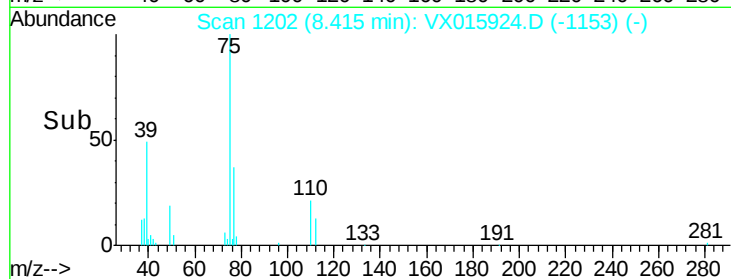
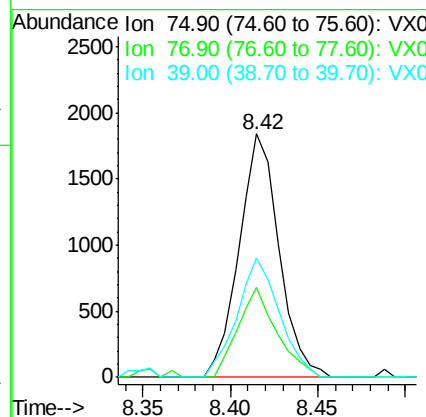
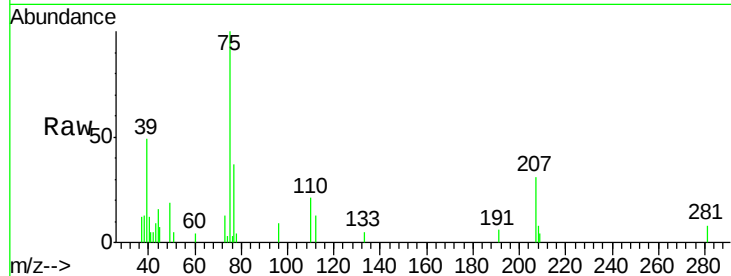
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2917
Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.8	38.8
39	49.0	37.2	55.8

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.915 ug/l

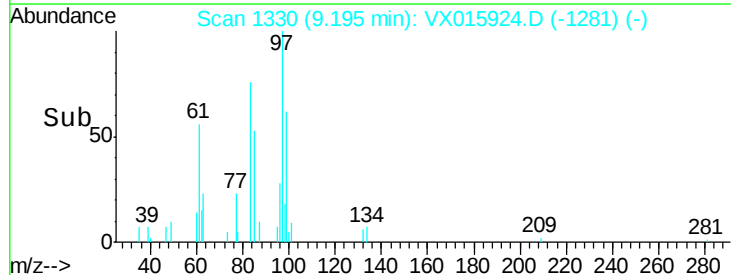
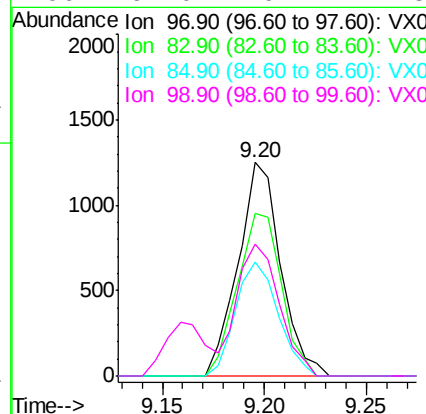
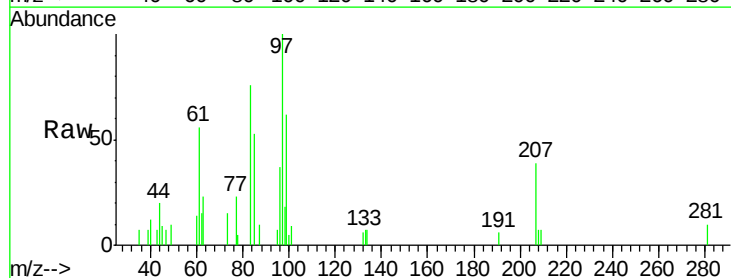
RT: 9.20 min Scan# 1330

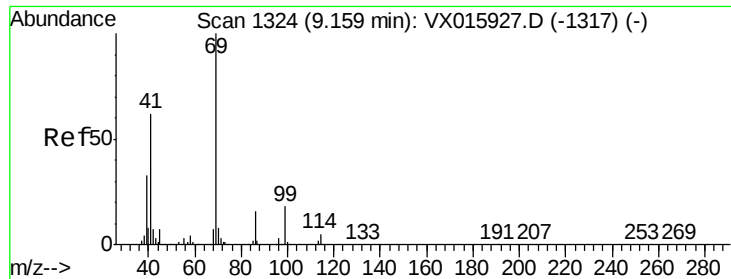
Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	97	Resp:	1811
Ion	Ratio	Lower	Upper
97	100		
83	75.9	68.6	103.0
85	53.4	44.0	66.0
99	62.0	49.7	74.5





#56

Ethyl methacrylate

Concen: 0.853 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

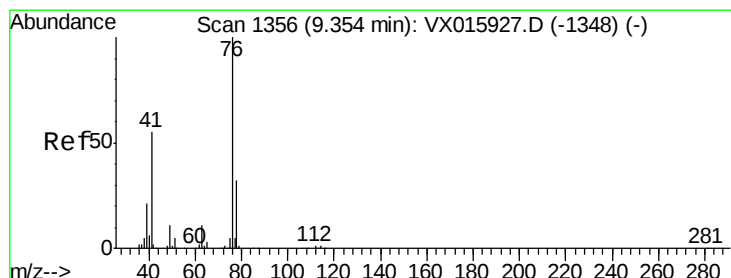
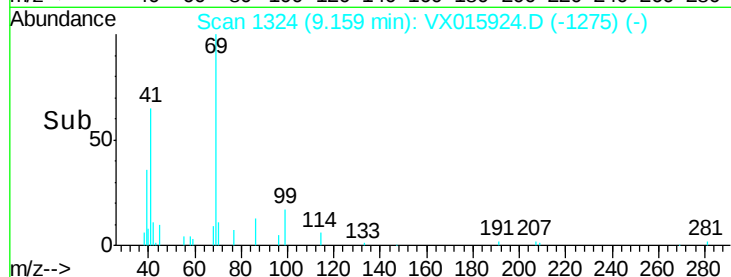
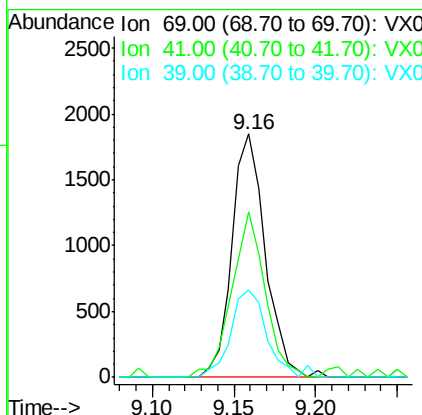
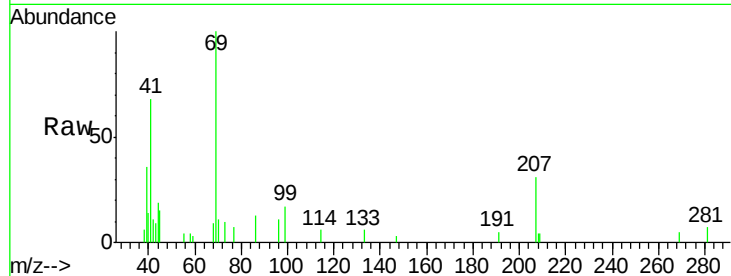
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2631
Ion Ratio	Lower	Upper	
69	100		
41	68.0	49.2	73.8
39	39.3	26.0	39.0#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.853 ug/l

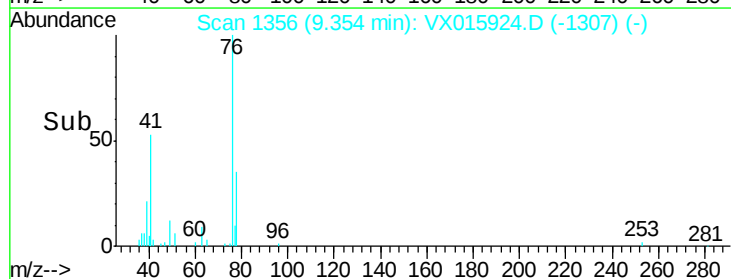
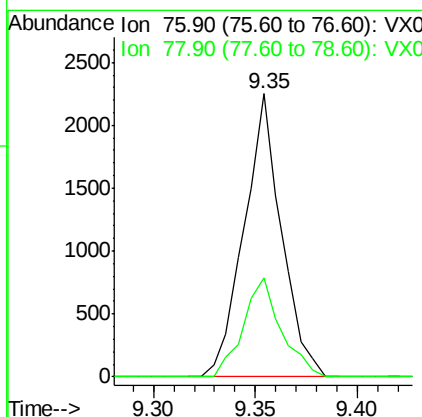
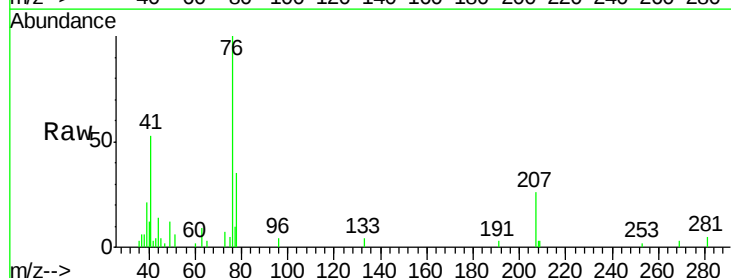
RT: 9.35 min Scan# 1356

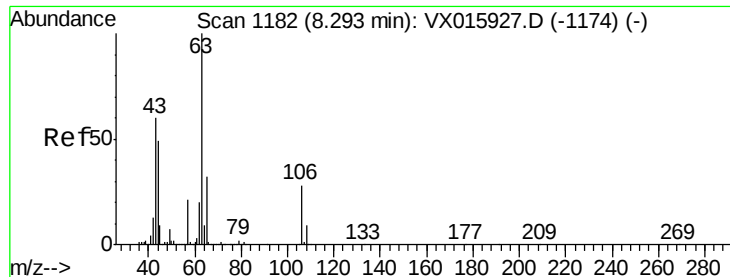
Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	76	Resp:	2867
Ion Ratio	Lower	Upper	
76	100		
78	35.1	25.6	38.4





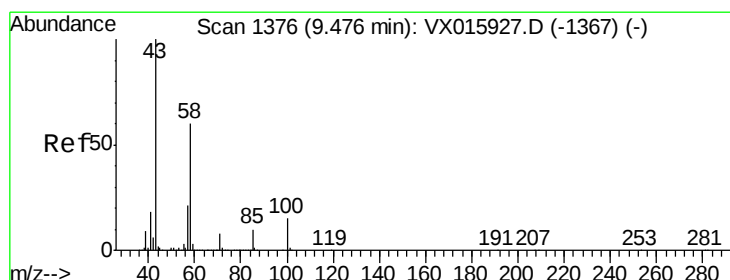
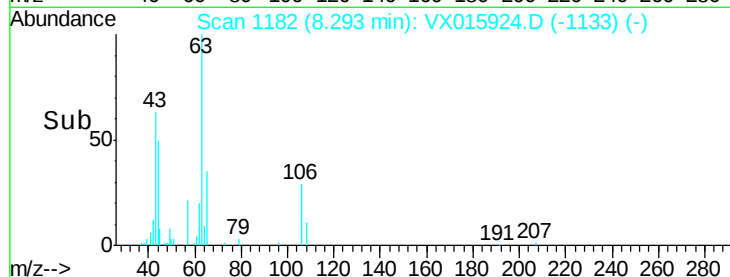
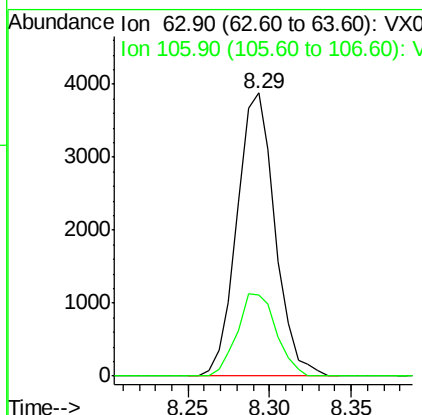
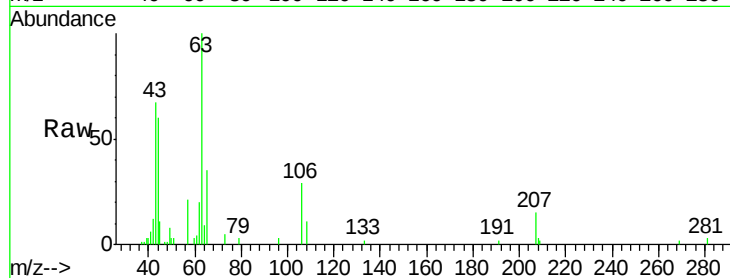
#58
2-Chloroethyl Vinyl ether
Concen: 4.114 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 6312
Ion Ratio Lower Upper
63 100
106 29.8 23.0 34.6

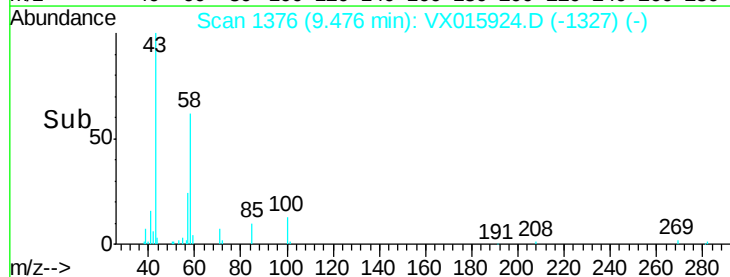
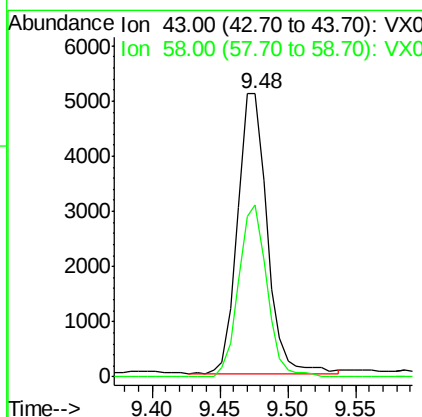
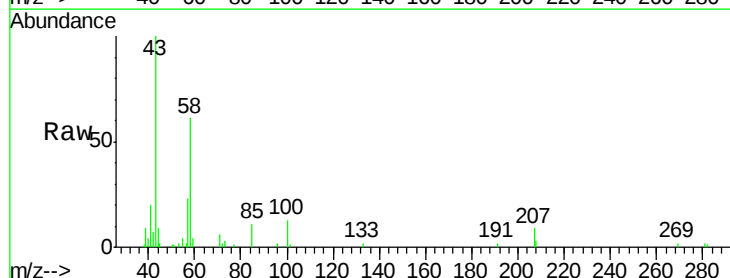
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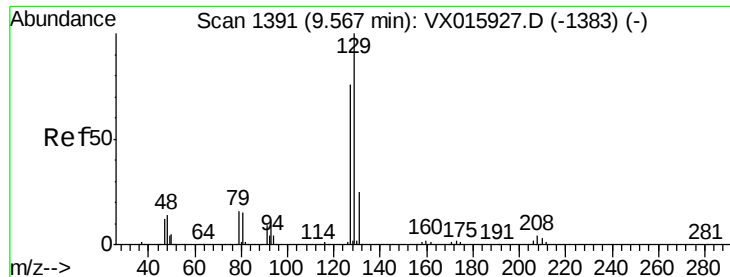
MMDadoda
4/27/2020 11:37:02 AM



#59
2-Hexanone
Concen: 4.072 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion: 43 Resp: 7688
Ion Ratio Lower Upper
43 100
58 58.9 29.7 89.1





#60

Dibromochloromethane

Concen: 0.792 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1500

Ion Ratio Lower Upper

129 100

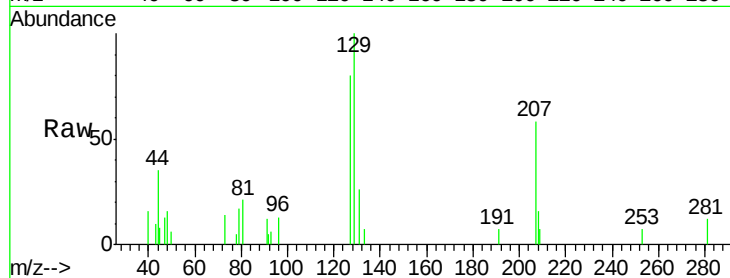
127 77.3 38.8 116.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

1200

1000

800

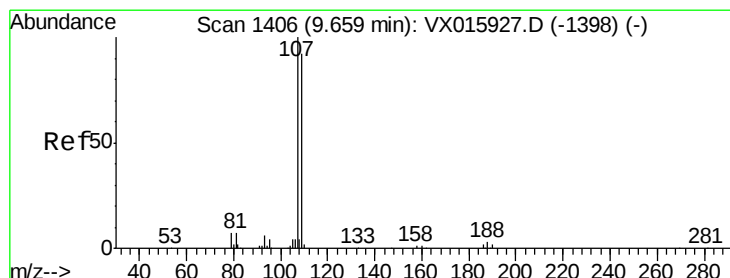
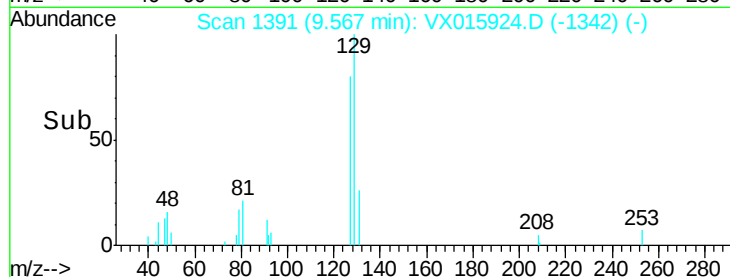
600

400

200

0

Time--> 9.50



#61

1,2-Dibromoethane

Concen: 0.884 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015924.D

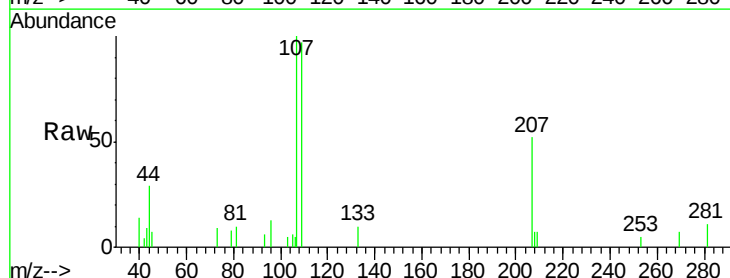
Acq: 24 Apr 2020 11:05

Tgt Ion:107 Resp: 1794

Ion Ratio Lower Upper

107 100

109 91.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

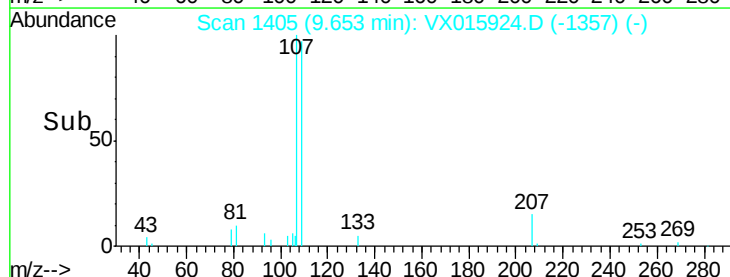
9.65

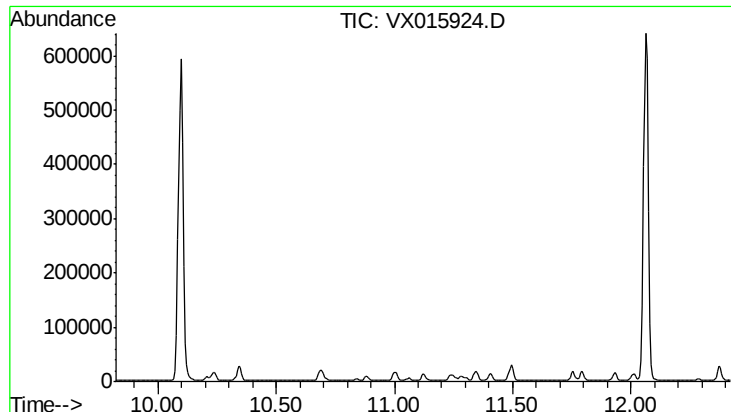
1000

500

0

Time--> 9.60





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tot Ion: 95

Sig Exp Ratio

95 100

174 66.8

176 63.0

Instrument :

MSVOA_X

ClientSampleId :

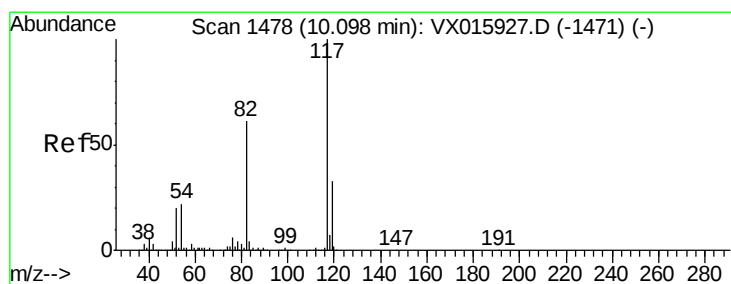
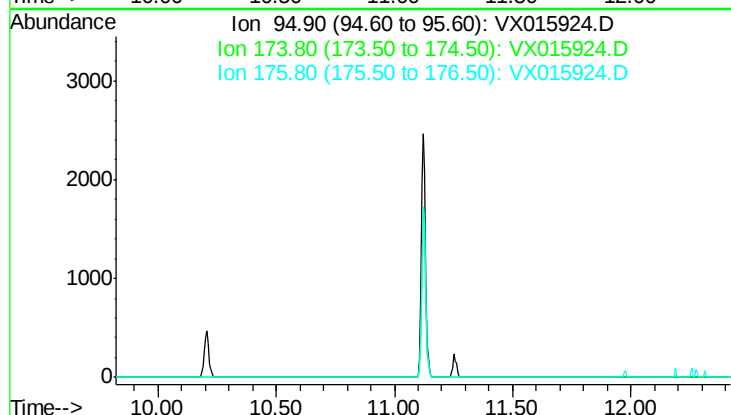
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

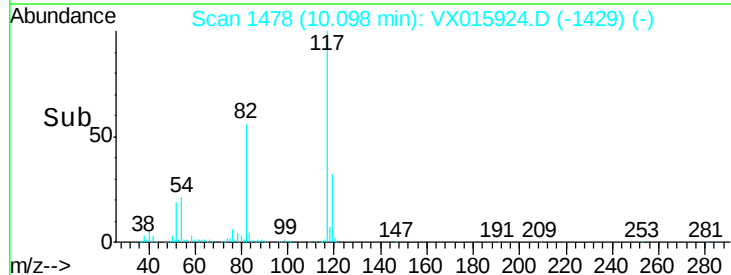
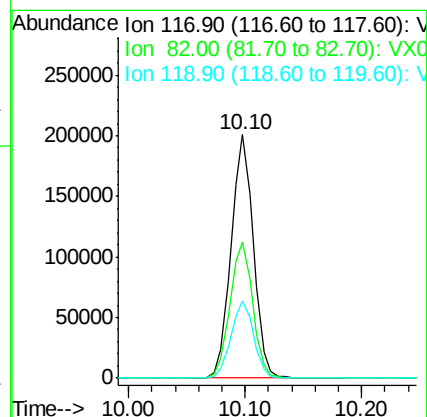
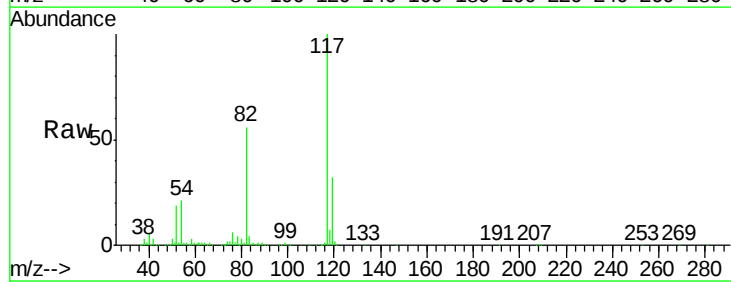
Tgt Ion:117 Resp: 267026

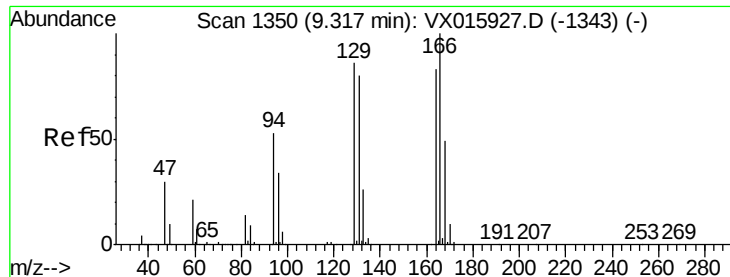
Ion Ratio Lower Upper

117 100

82 56.0 48.5 72.7

119 31.6 26.2 39.4





#64

Tetrachloroethene

Concen: 0.907 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2405

Ion Ratio Lower Upper

164 100

166 124.5 96.7 145.1

129 90.8 82.8 124.2

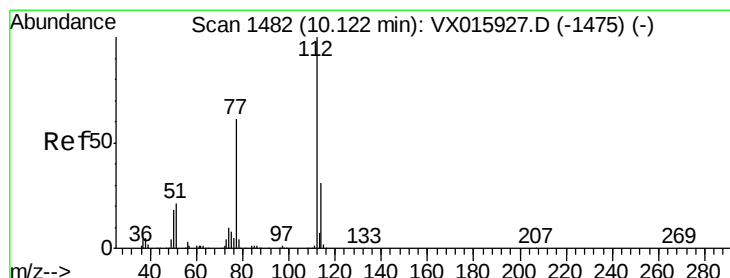
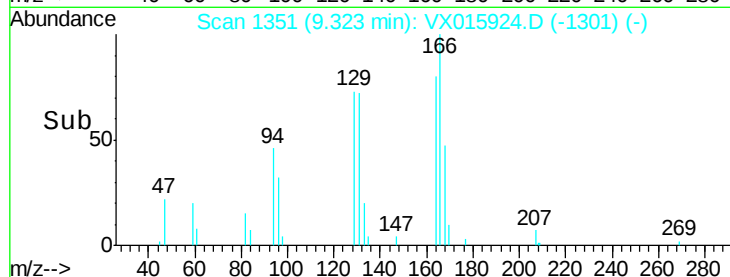
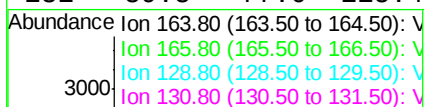
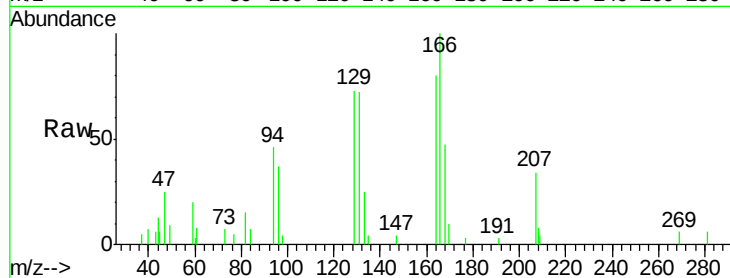
131 89.8 77.0 115.4

Manual Integrations

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#65

Chlorobenzene

Concen: 0.880 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015924.D

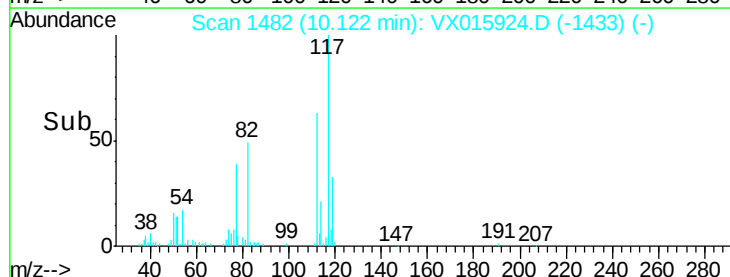
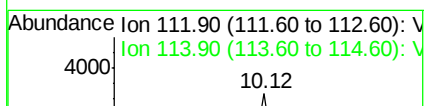
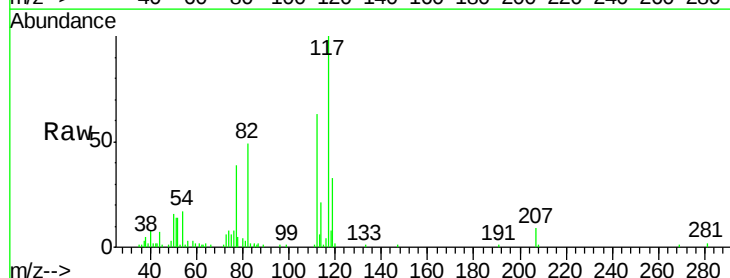
Acq: 24 Apr 2020 11:05

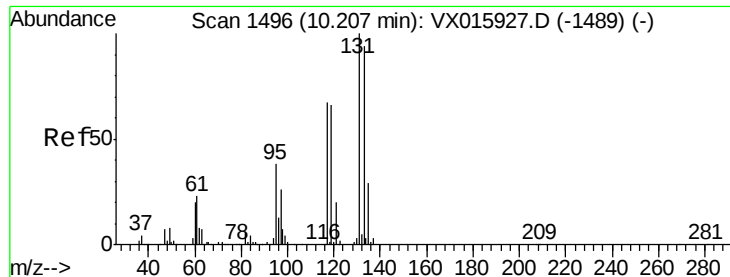
Tgt Ion:112 Resp: 4574

Ion Ratio Lower Upper

112 100

114 32.8 25.2 37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 0.864 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

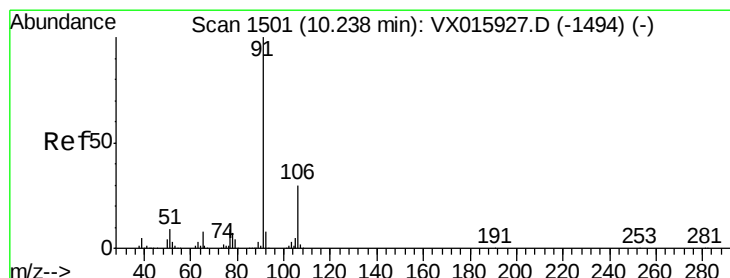
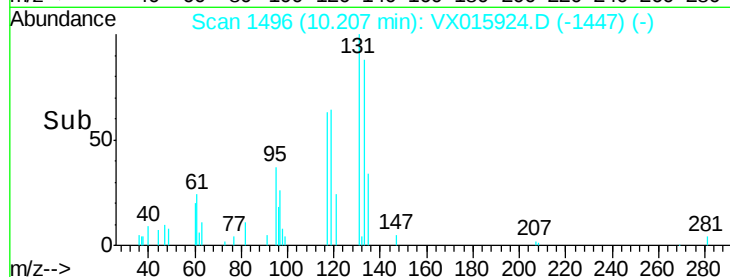
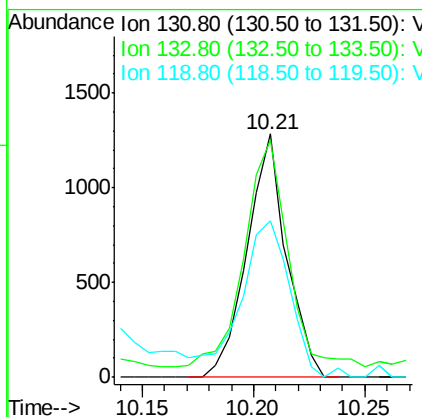
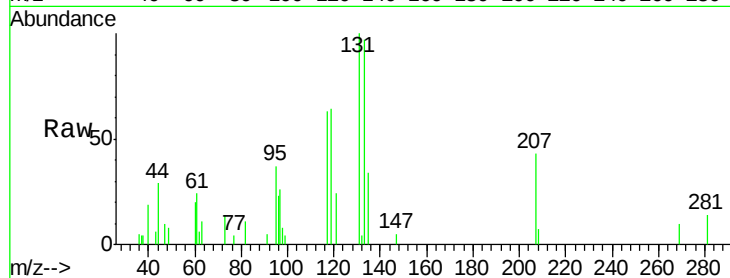
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	102.1	46.7	140.0
119	0.0	33.7	101.0#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.916 ug/l

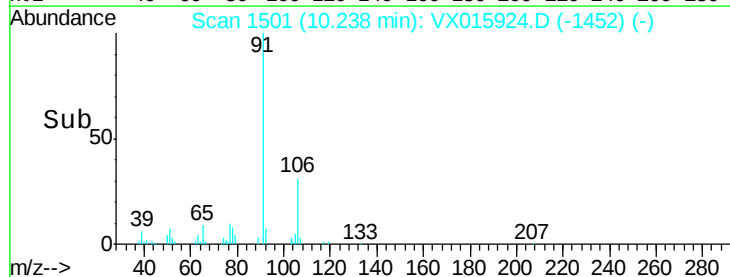
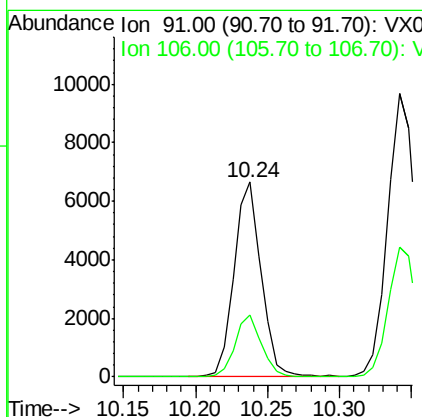
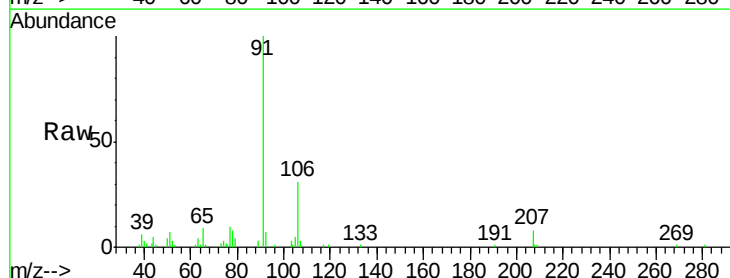
RT: 10.24 min Scan# 1501

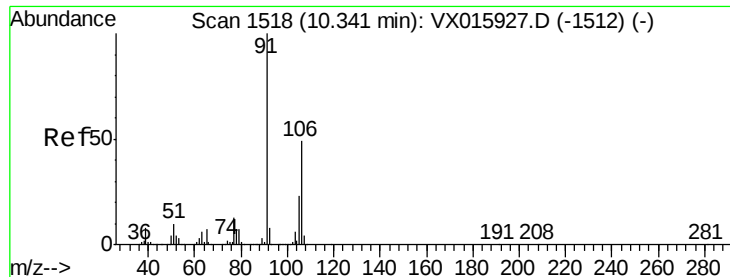
Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.2	36.4





#68

m/p-Xylenes

Concen: 1.740 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 6088

Ion Ratio Lower Upper

106 100

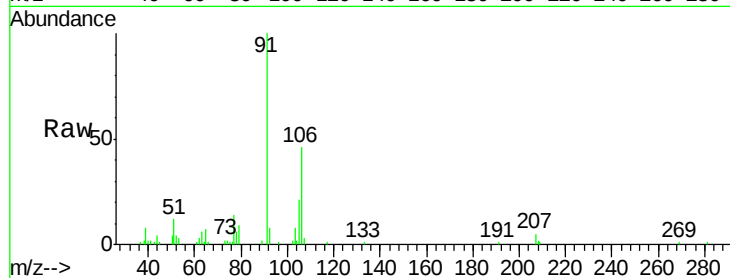
91 216.9 164.9 247.3

Manual Integrations

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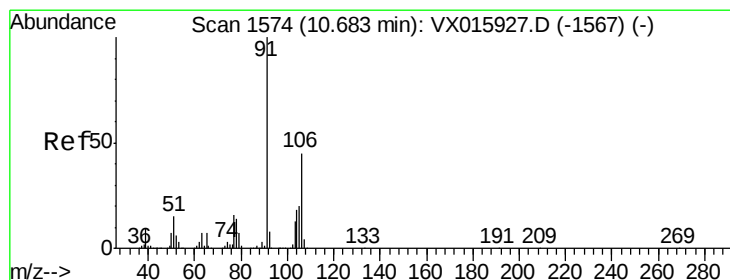
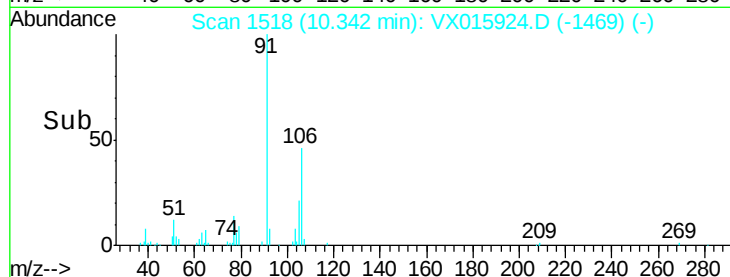
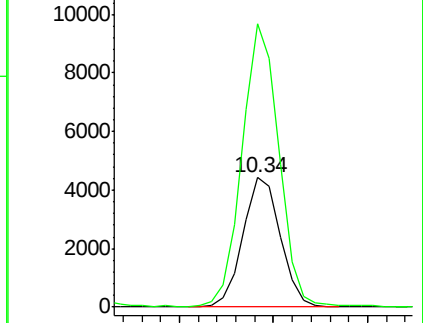
MMDadoda

4/27/2020 11:37:02 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.893 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015924.D

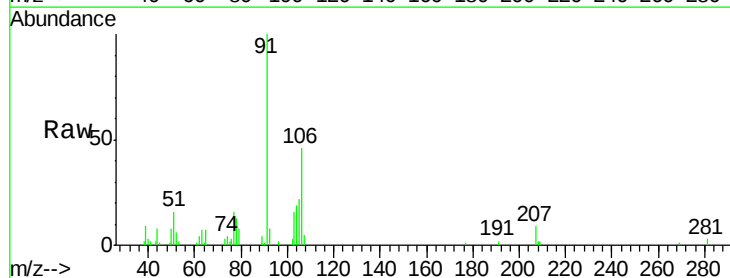
Acq: 24 Apr 2020 11:05

Tgt Ion:106 Resp: 3045

Ion Ratio Lower Upper

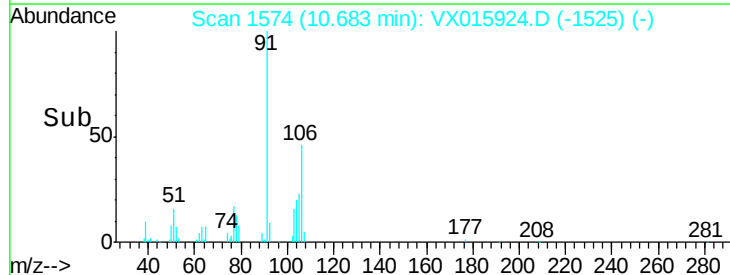
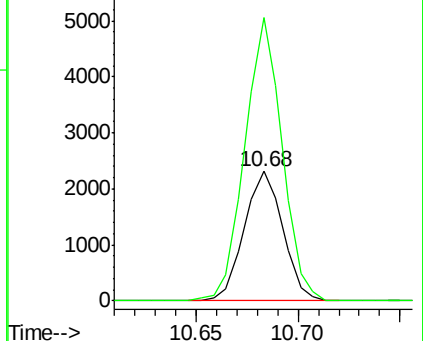
106 100

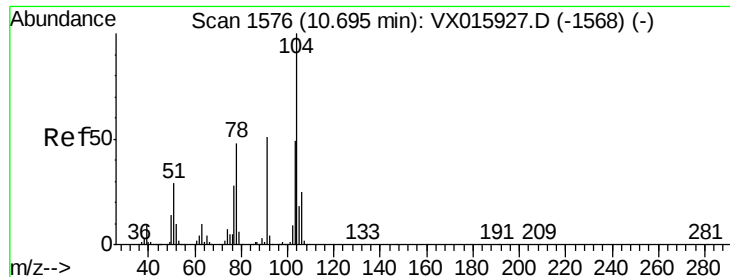
91 210.8 108.6 325.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





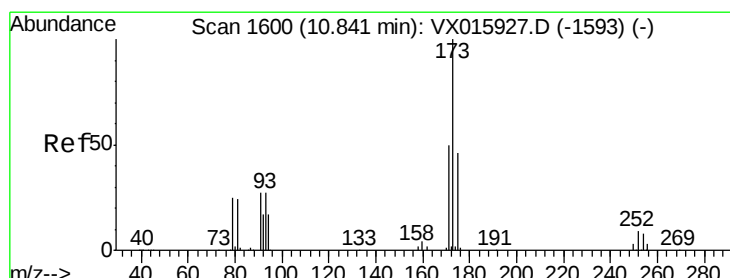
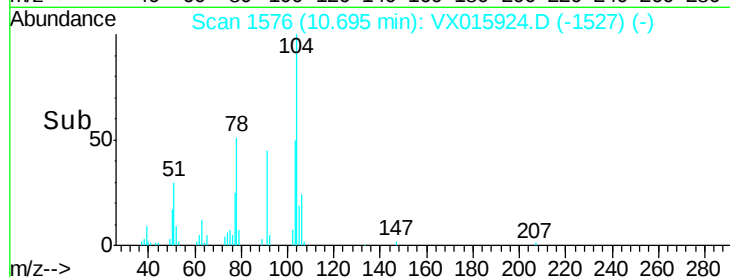
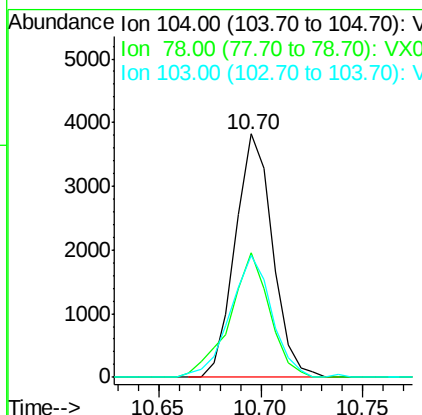
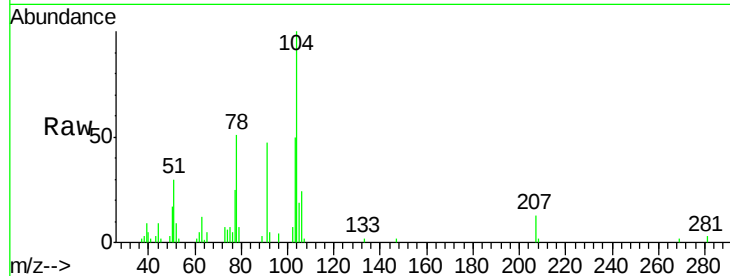
#70
Stvrene
Concen: 0.845 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	40.5	60.7
103	55.6	42.7	64.1

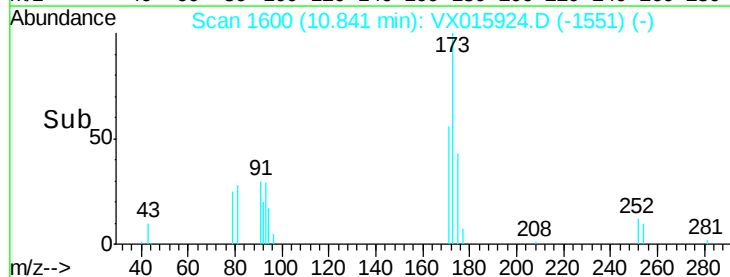
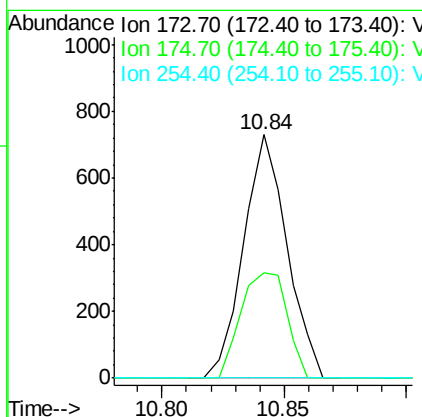
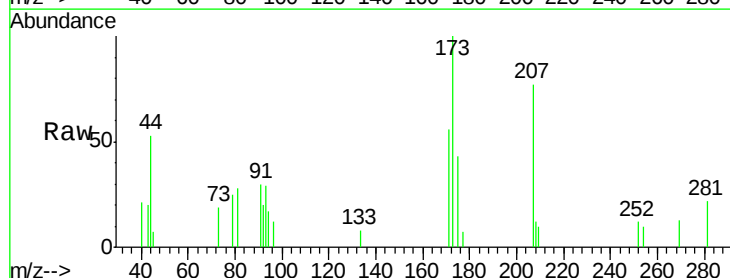
Manual Integrations
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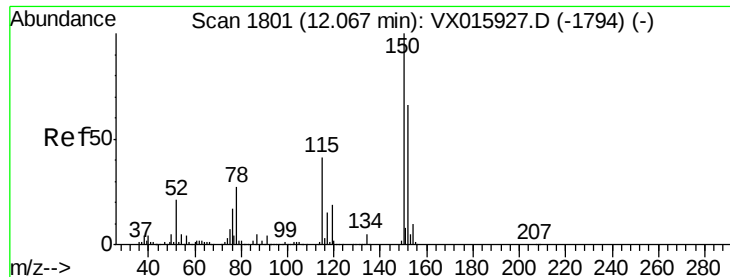
MMDadoda
4/27/2020 11:37:02 AM



#71
Bromoform
Concen: 0.779 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.0	23.2	69.5
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

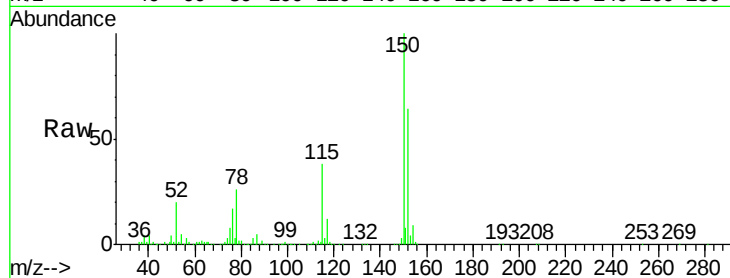
ClientSampleId :

VSTDIC001

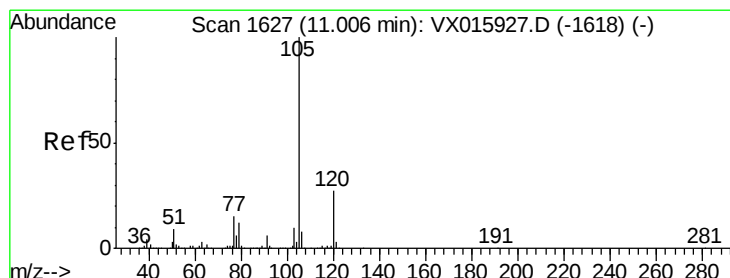
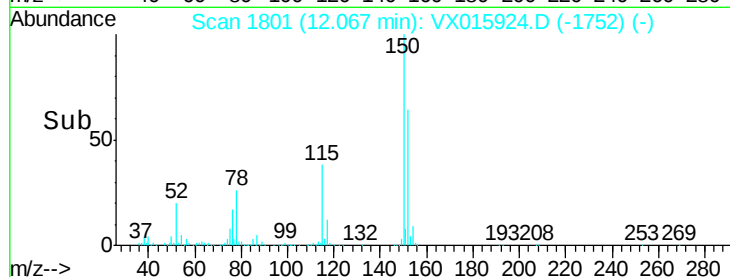
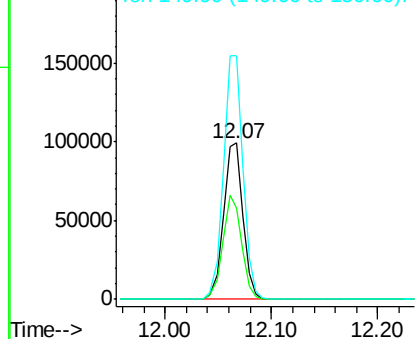
Tot Ion:	152	Resp:	125276
Ion Ratio	Lower	Upper	
152	100		
115	64.6	44.1	132.4
150	157.4	0.0	343.6

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



#73

Isopropylbenzene

Concen: 0.928 ug/l

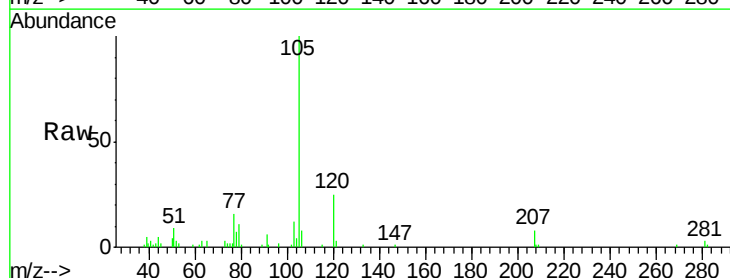
RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

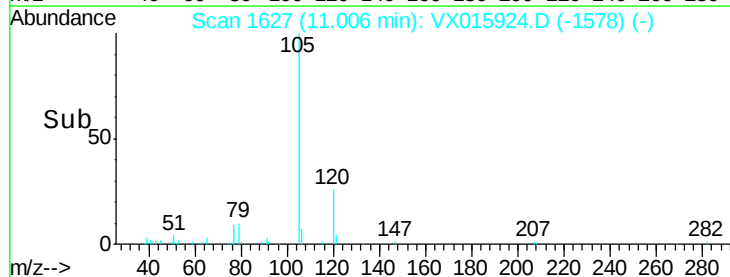
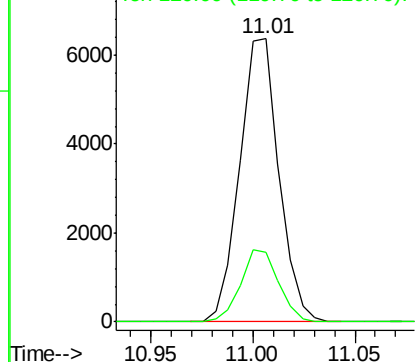
Lab File: VX015924.D

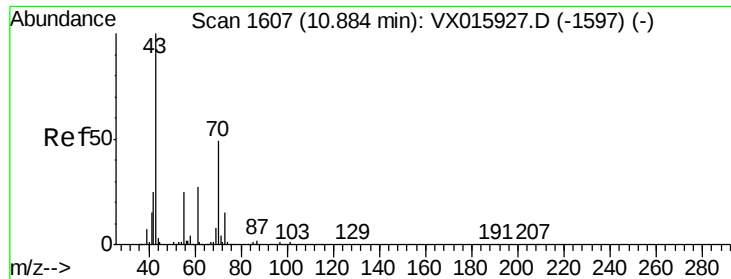
Acq: 24 Apr 2020 11:05

Tgt Ion:	105	Resp:	8507
Ion Ratio	Lower	Upper	
105	100		
120	24.5	13.1	39.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.888 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

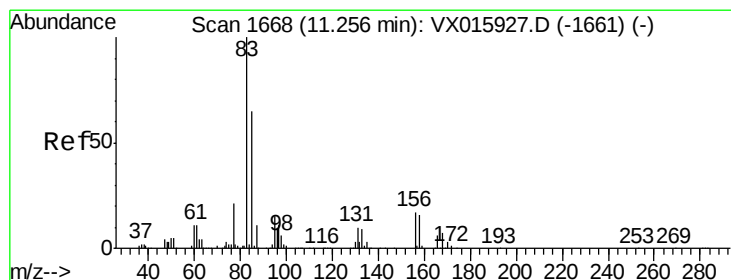
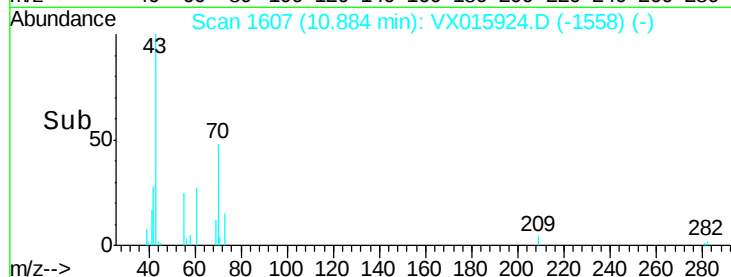
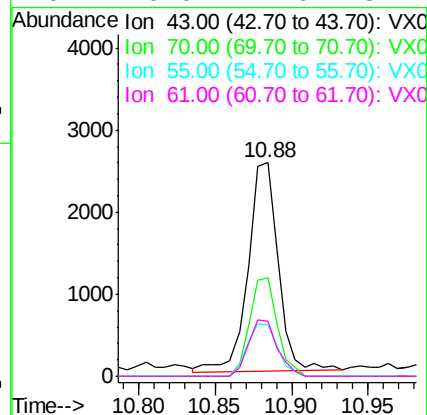
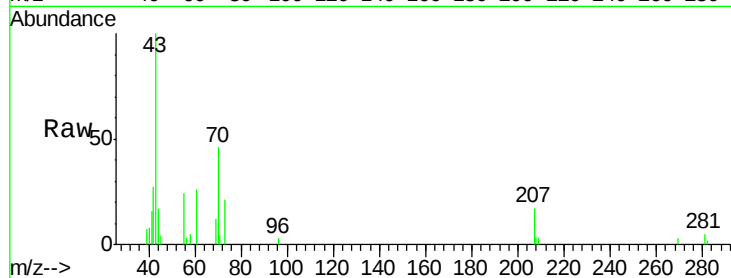
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3454
Ion	Ratio	Lower	Upper
43	100		
70	43.5	37.8	56.6
55	25.2	20.2	30.2
61	26.0	21.6	32.4

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.824 ug/l

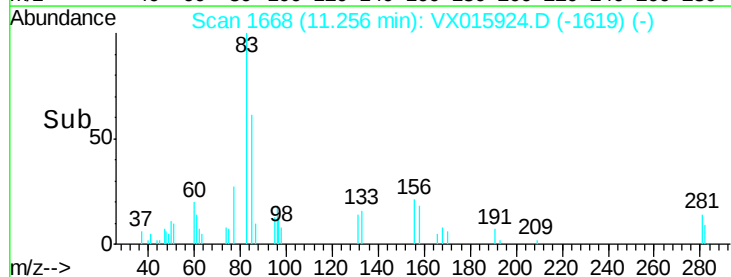
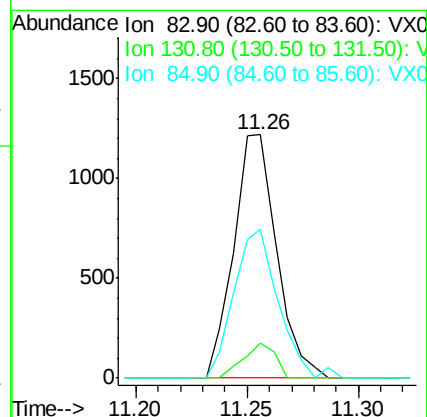
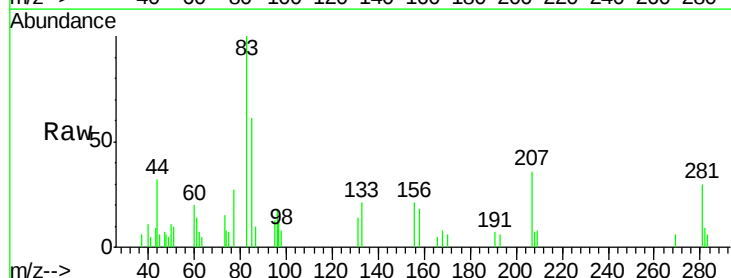
RT: 11.26 min Scan# 1668

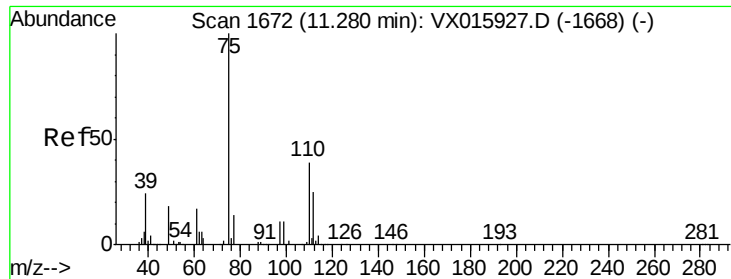
Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	83	Resp:	1645
Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	62.8	32.1	96.3





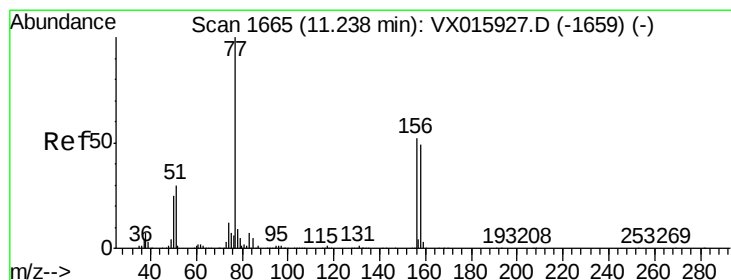
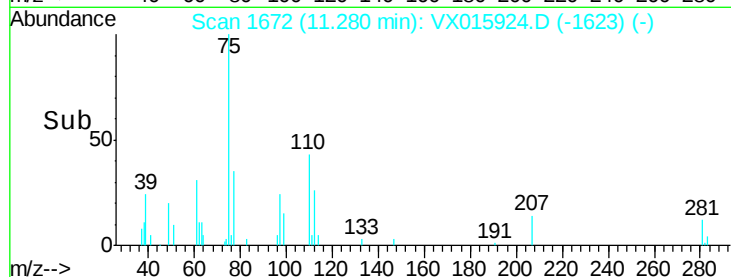
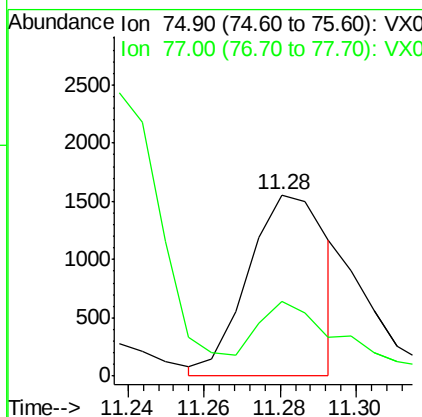
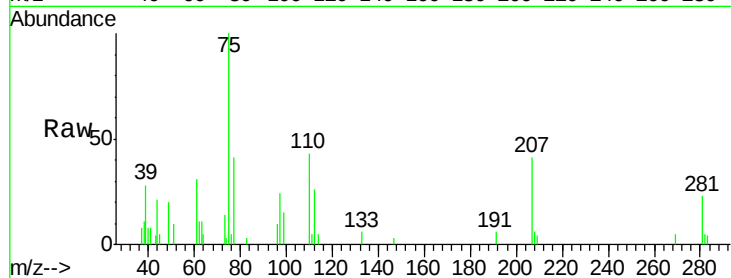
#76
 1,2,3-Trichloropropane
 Concen: 0.684 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 2240
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.1 66.5

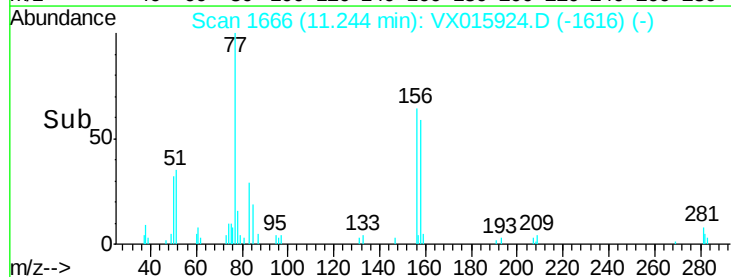
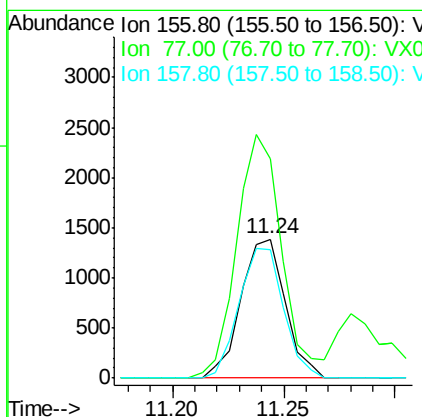
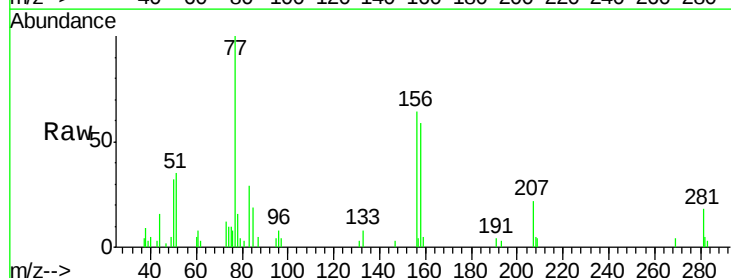
Manual Integrations
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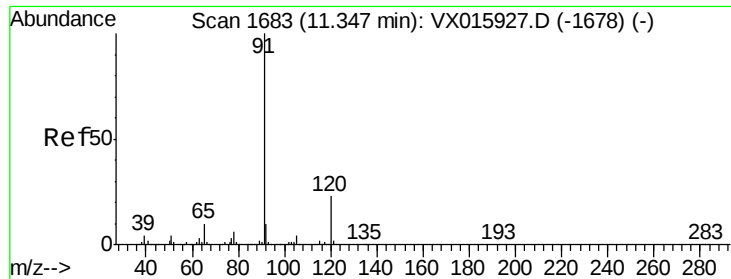
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#77
 Bromobenzene
 Concen: 0.937 ug/l
 RT: 11.24 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion: 156 Resp: 1927
 Ion Ratio Lower Upper
 156 100
 77 178.9 94.0 281.9
 158 93.9 48.6 145.9





#78

n-propylbenzene

Concen: 0.928 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10007

Ion Ratio Lower Upper

91 100

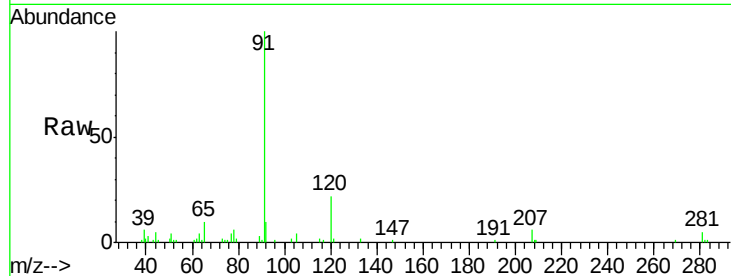
120 21.4 11.2 33.6

Manual Integrations

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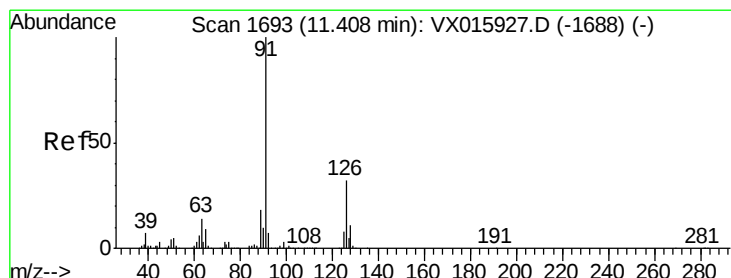
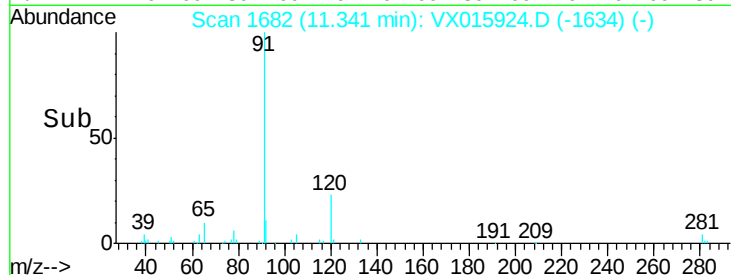
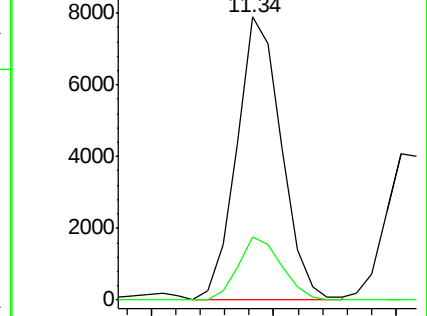
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.901 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX015924.D

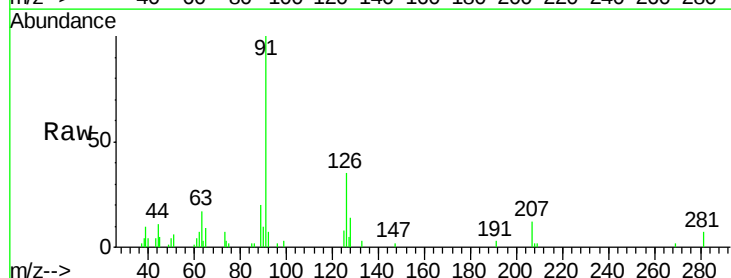
Acq: 24 Apr 2020 11:05

Tgt Ion: 91 Resp: 5661

Ion Ratio Lower Upper

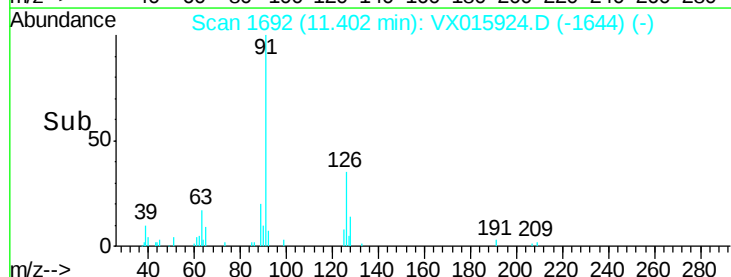
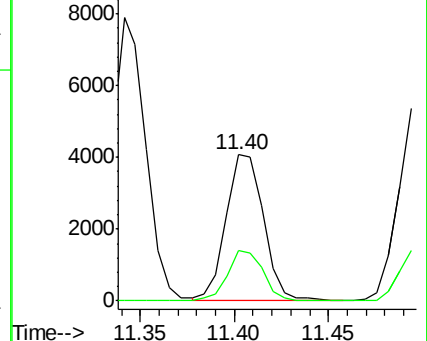
91 100

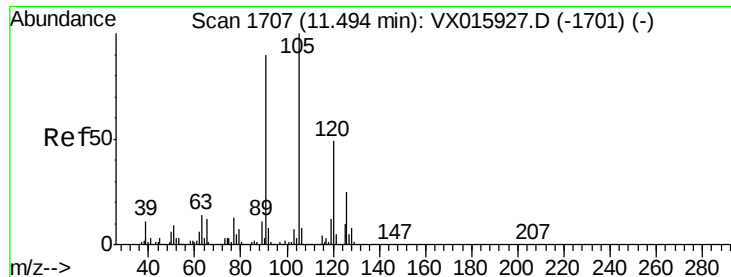
126 32.3 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





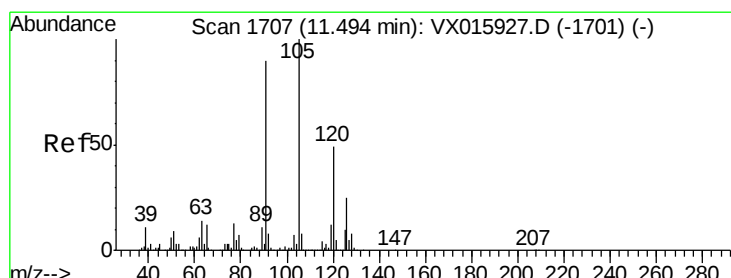
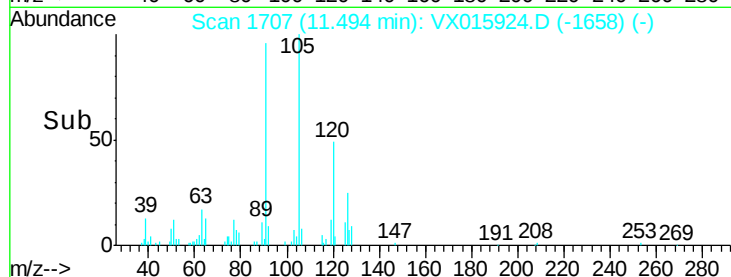
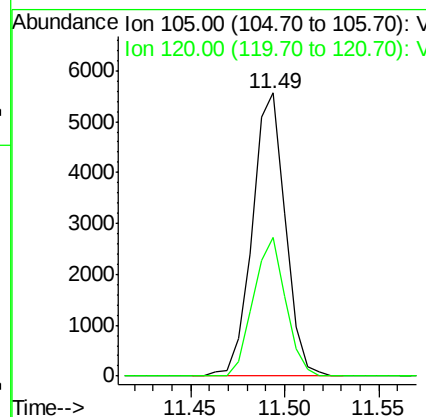
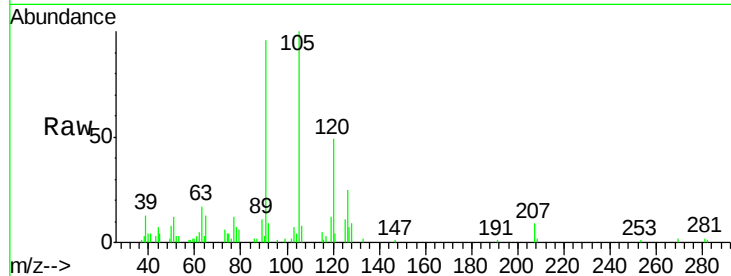
#80
 1,3,5-Trimethylbenzene
 Concen: 0.878 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.3	72.8

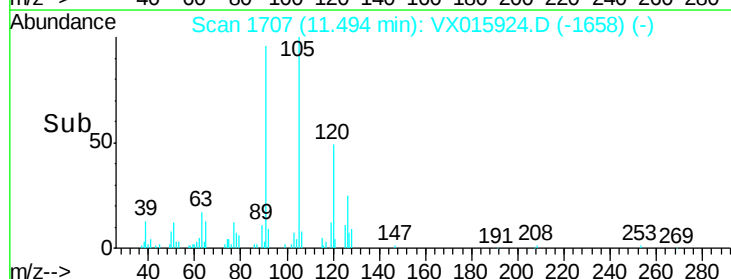
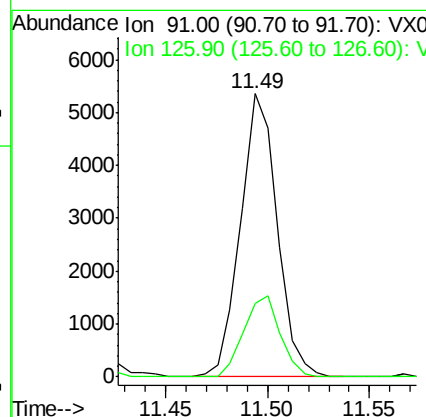
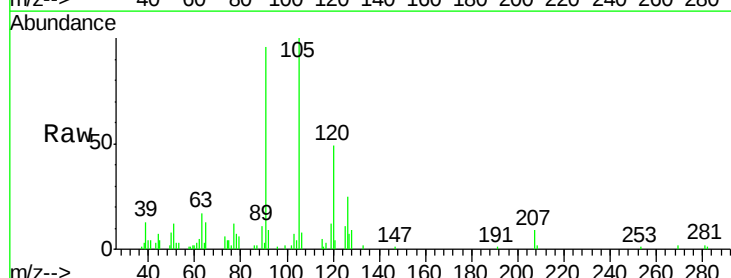
Manual Integrations
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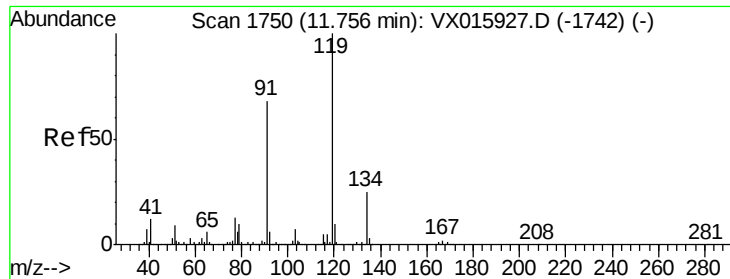
MMDadoda
 4/27/2020 11:37:02 AM



#82
 4-Chlorotoluene
 Concen: 0.892 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.8





#83

tert-Butylbenzene

Concen: 0.921 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

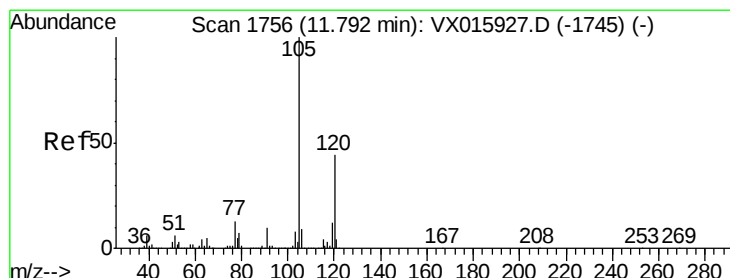
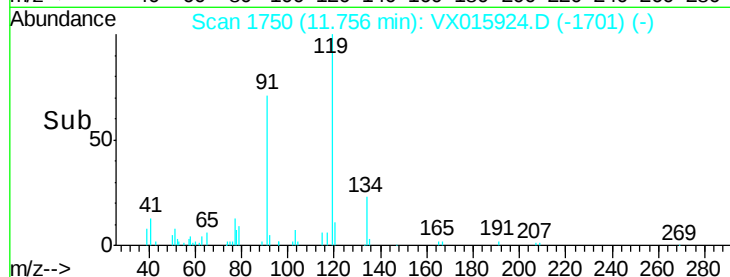
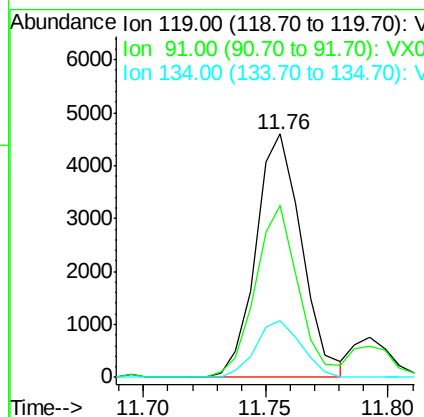
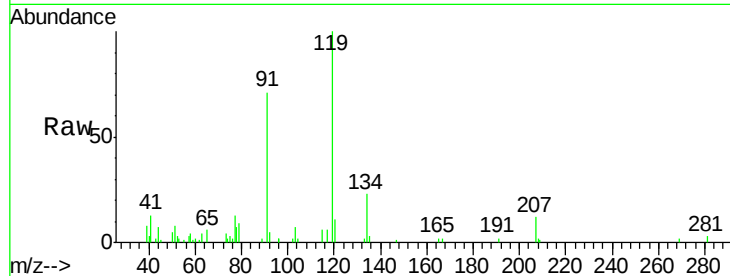
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	5983
Ion	Ratio	Lower	Upper
119	100		
91	66.9	34.3	102.8
134	23.0	12.1	36.3

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#84

1,2,4-Trimethylbenzene

Concen: 0.916 ug/l

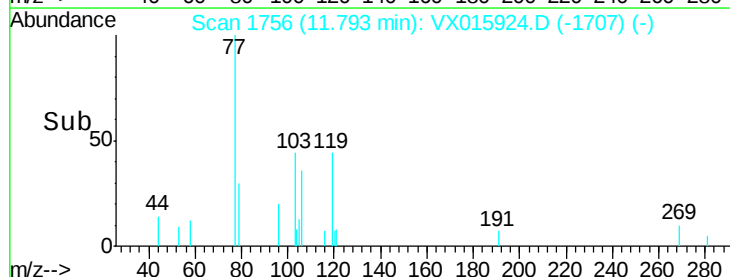
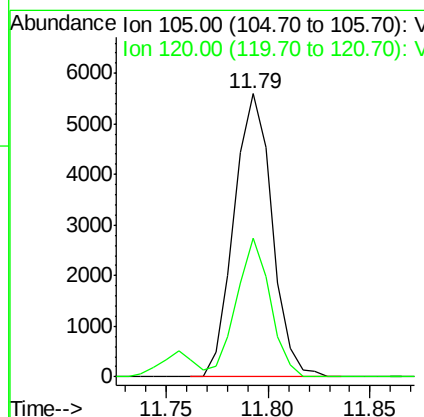
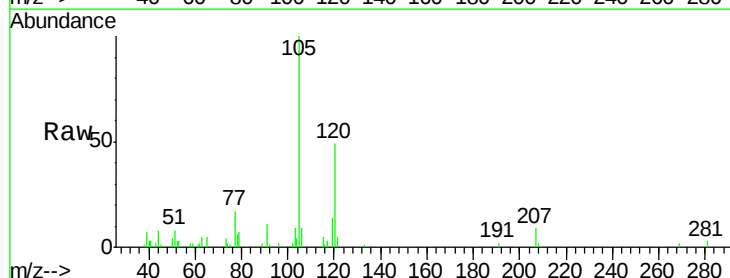
RT: 11.79 min Scan# 1756

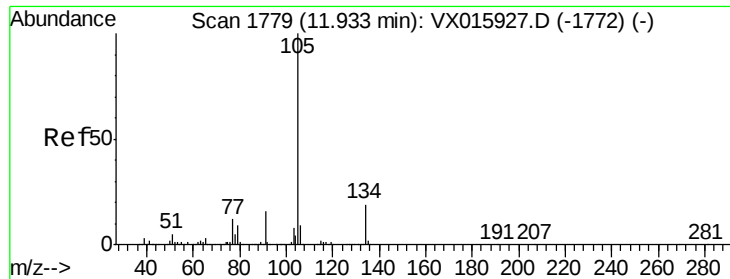
Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Tgt Ion:	105	Resp:	7216
Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 0.896 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 7898

Ion Ratio Lower Upper

105 100

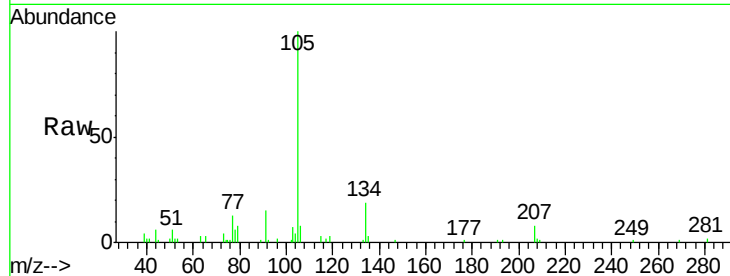
134 18.7 9.3 28.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

6000

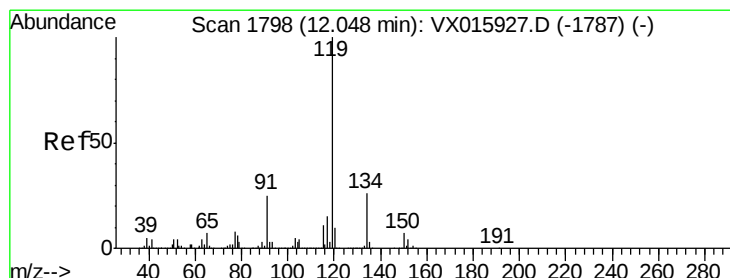
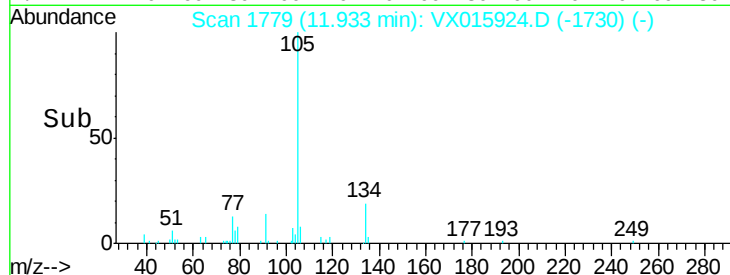
4000

2000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.887 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015924.D

Acq: 24 Apr 2020 11:05

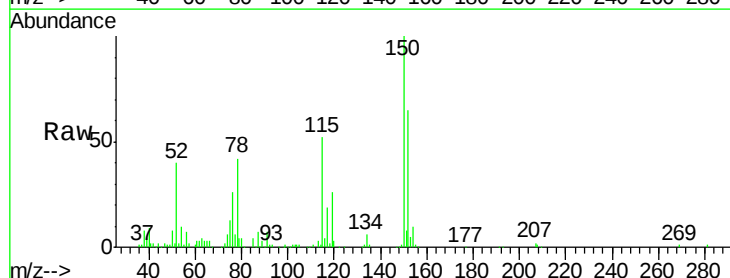
Tgt Ion:119 Resp: 7126

Ion Ratio Lower Upper

119 100

134 26.9 12.6 37.8

91 32.3 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

8000

6000

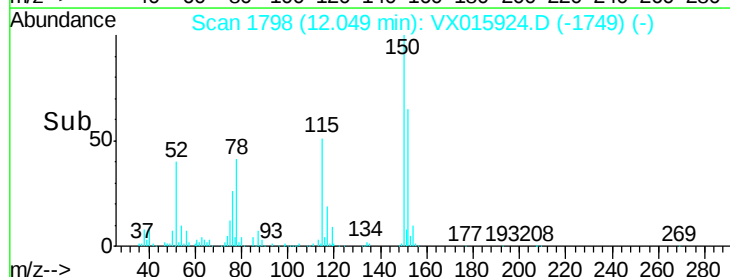
4000

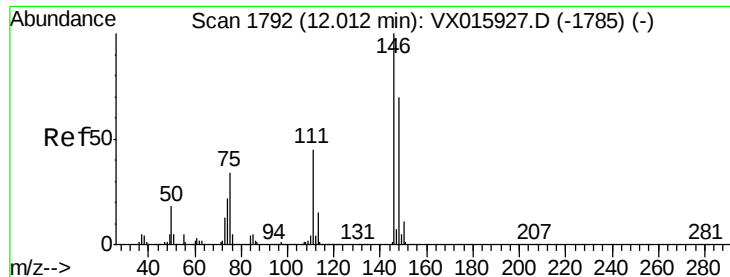
2000

0

Time-->

12.00 12.05 12.10





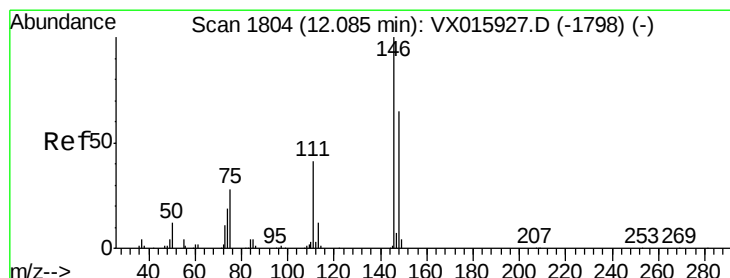
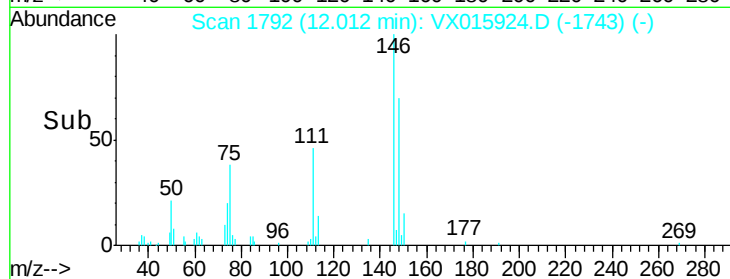
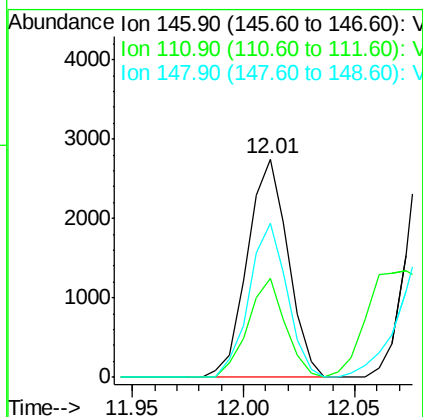
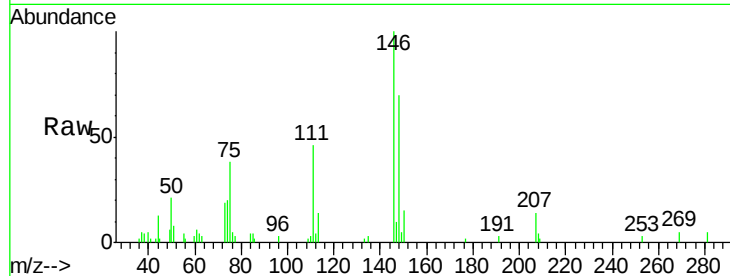
#87
 1,3-Dichlorobenzene
 Concen: 0.923 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.2	66.6
148	65.8	32.8	98.4

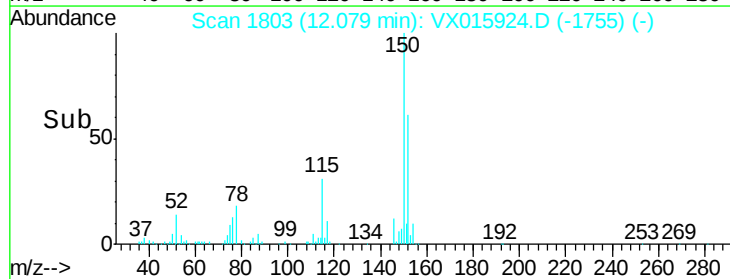
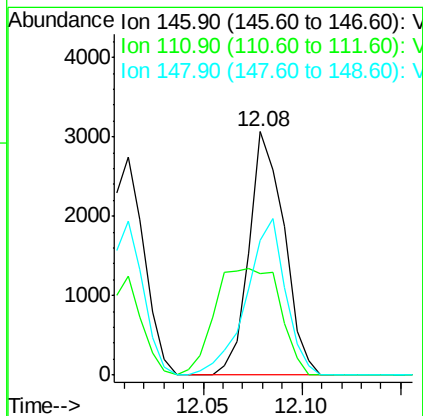
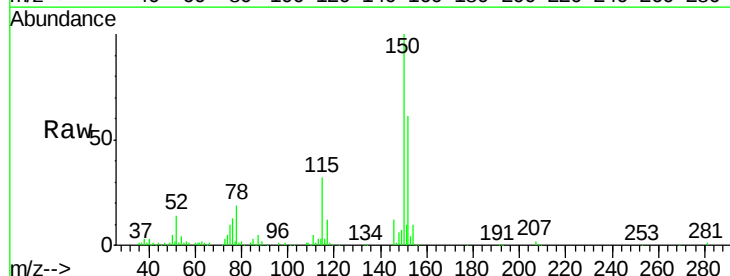
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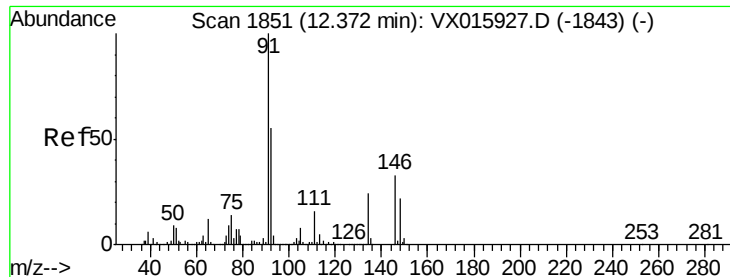
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 0.981 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	21.6	64.6
148	61.0	32.3	96.8





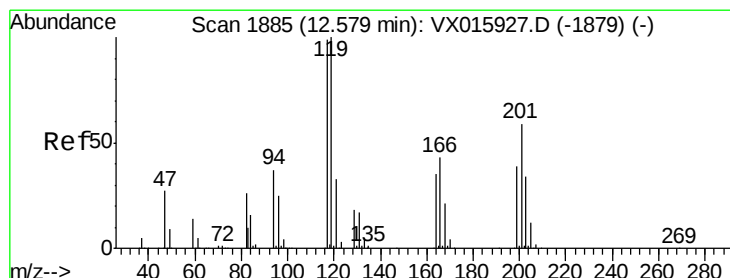
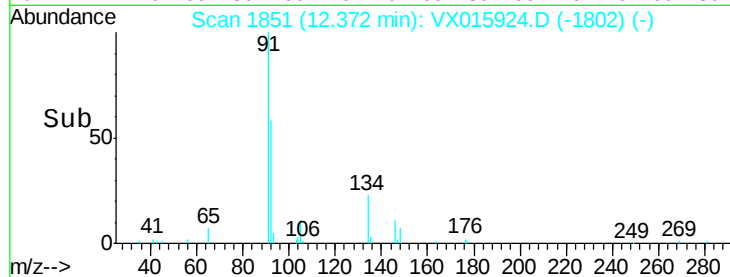
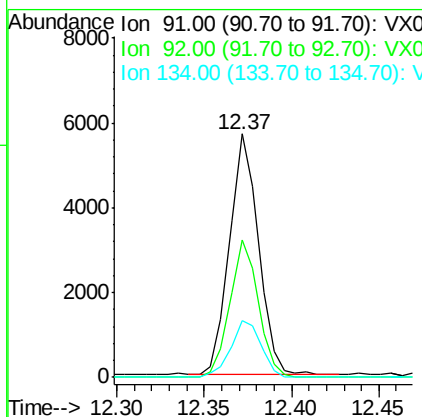
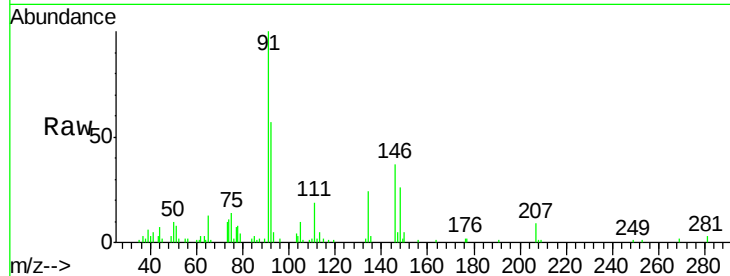
#89
n-Butylbenzene
Concen: 0.876 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.3	81.9
134	24.5	12.2	36.4

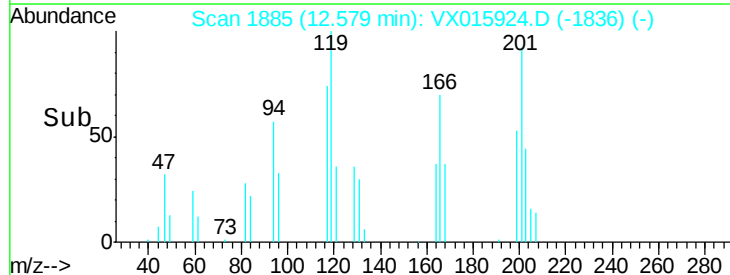
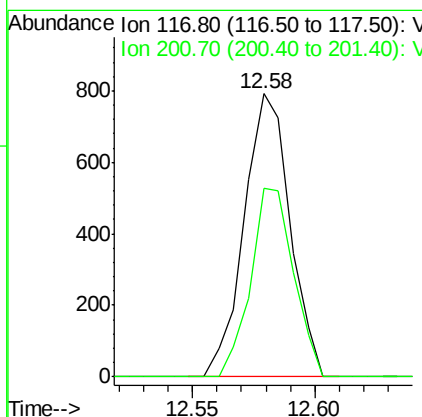
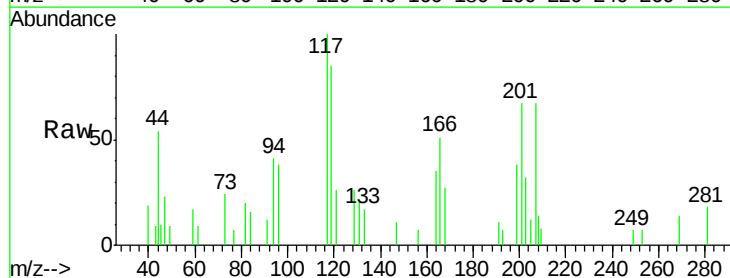
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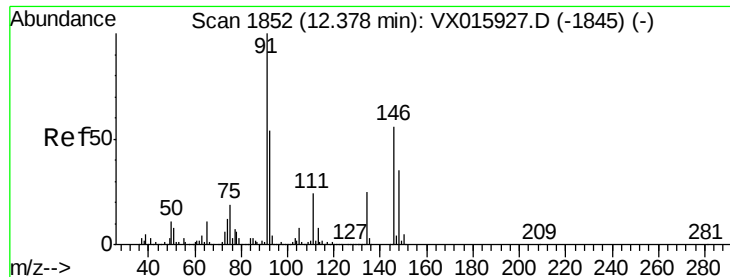
MMDadoda
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#90
Hexachloroethane
Concen: 0.864 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.4	32.1	96.3





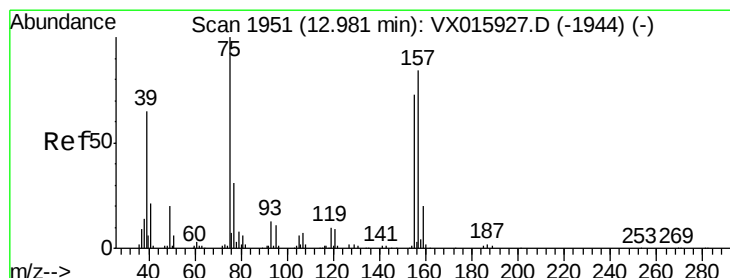
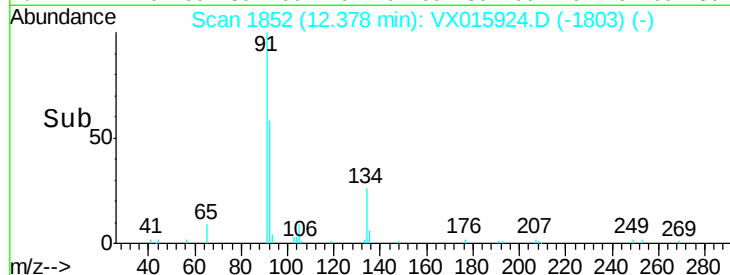
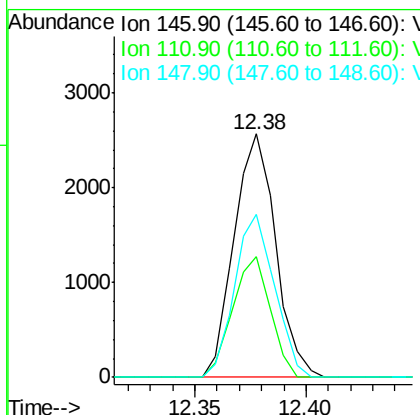
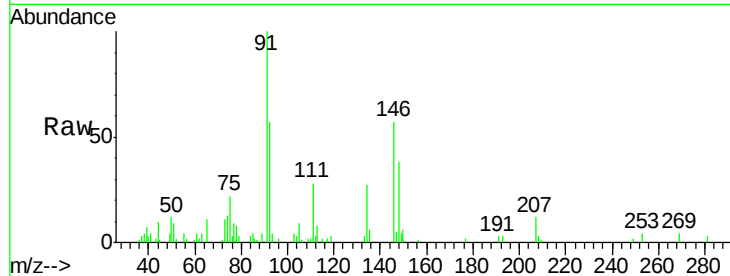
#91
 1,2-Dichlorobenzene
 Concen: 0.902 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.3	66.8
148	64.6	31.4	94.2

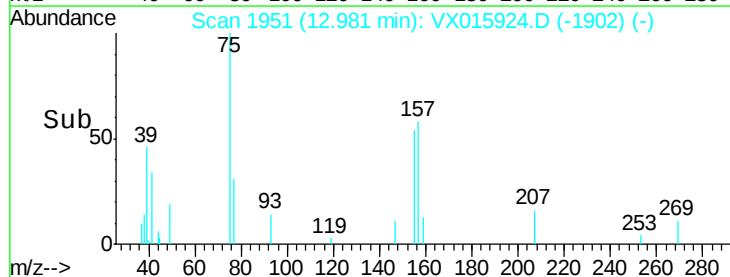
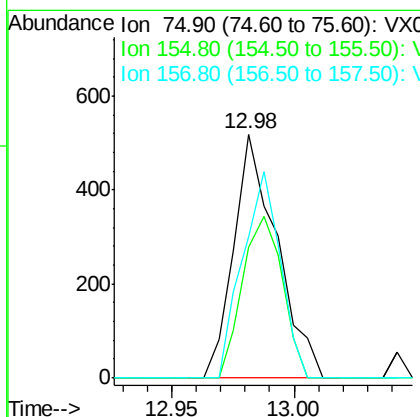
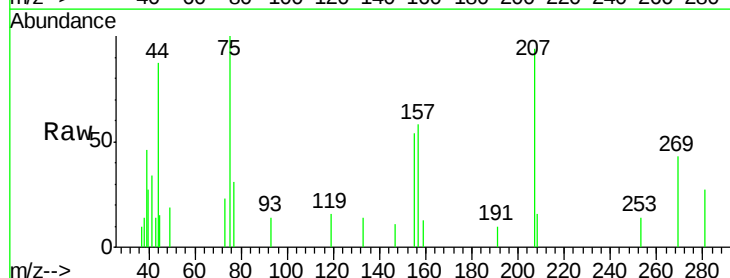
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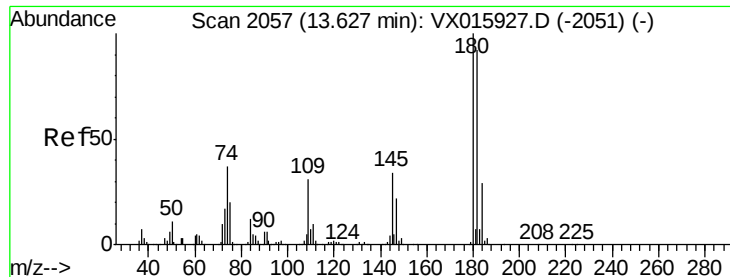
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.986 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	61.6	37.9	113.6
157	74.3	47.9	143.8





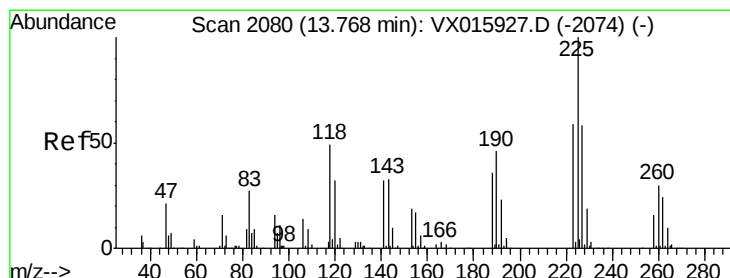
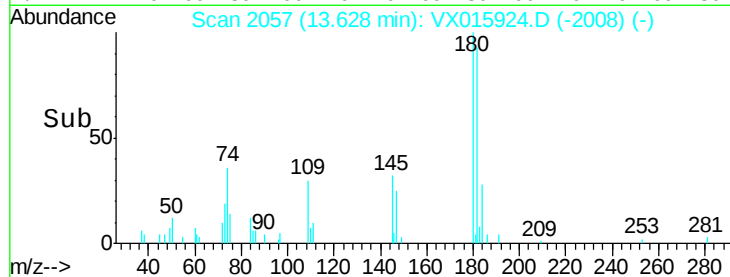
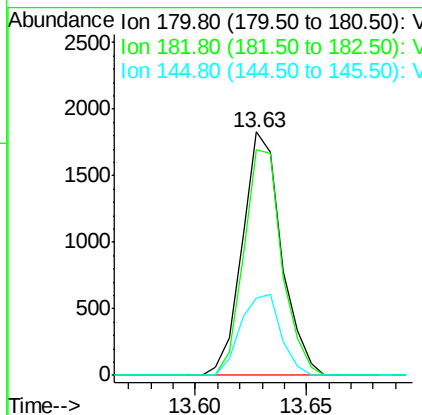
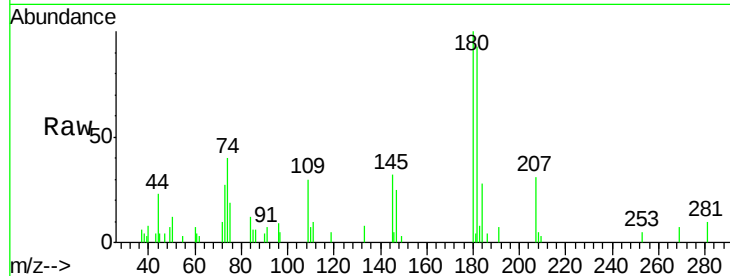
#93
 1,2,4-Trichlorobenzene
 Concen: 0.956 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.9	47.6	142.9
145	34.1	17.3	52.0

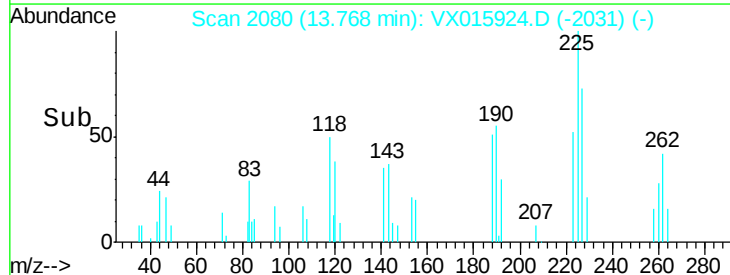
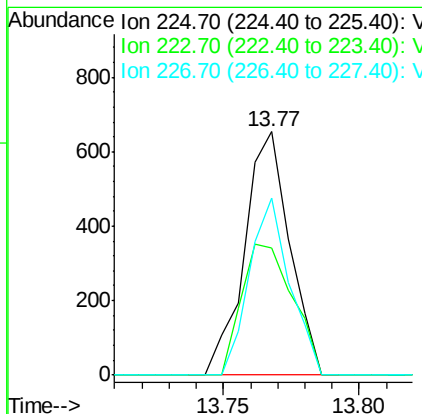
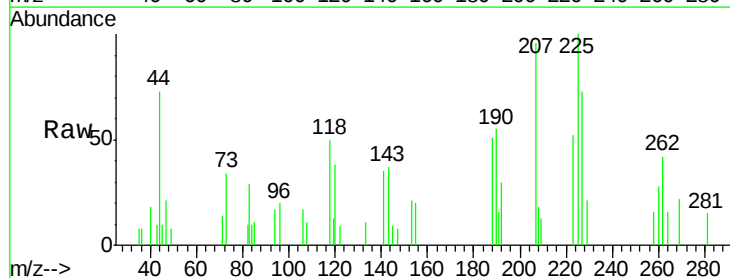
Manual Integrations
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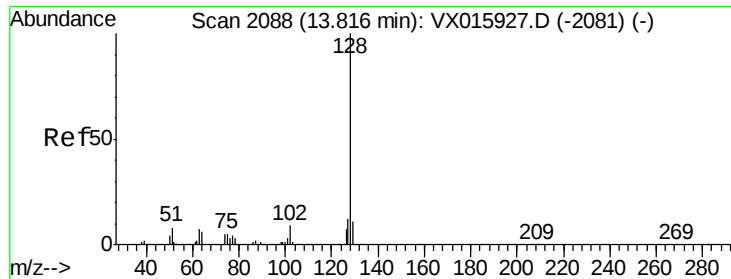
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#94
 Hexachlorobutadiene
 Concen: 0.900 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015924.D
 Acq: 24 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.6	91.6
227	64.9	32.0	96.2





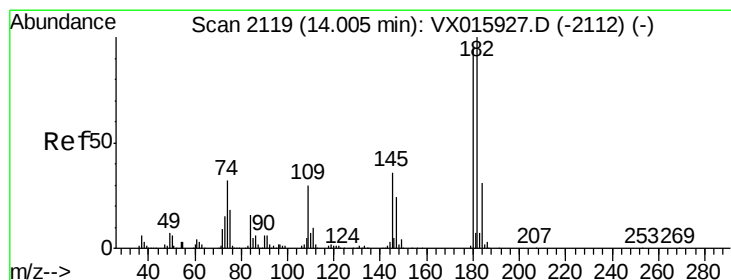
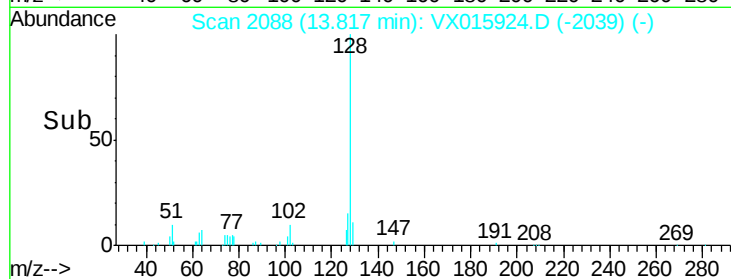
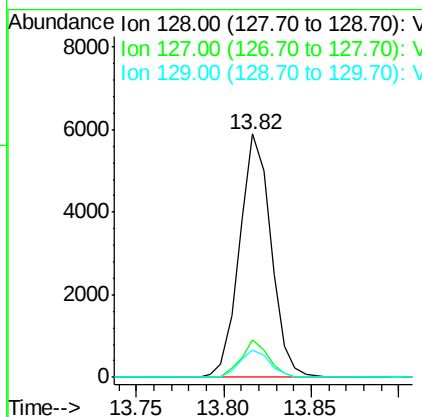
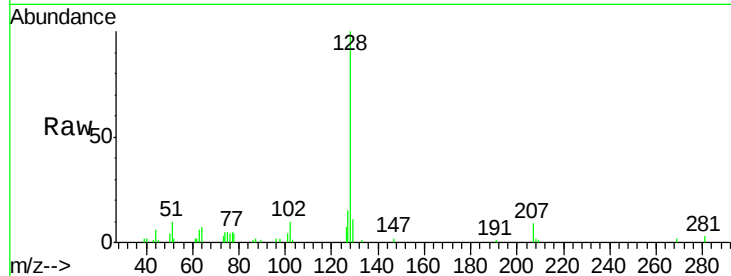
#95
Naphthalene
Concen: 0.875 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	128	Resp:	7391
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.884 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX015924.D
Acq: 24 Apr 2020 11:05

Tgt Ion:	180	Resp:	1955
Ion Ratio	Lower	Upper	
180	100		
182	91.1	50.1	150.3
145	37.4	18.9	56.9

