

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015366.D
 Acq On : 26 Mar 2020 19:53
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 3/27/2020 5:16:06 PM

Quant Time: Mar 27 09:10:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1147512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1804826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1624748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	823599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	80003	5.35	ug/l	0.00
Spiked Amount			Recovery	=	10.70%	
35) Dibromofluoromethane	5.47	113	56451	4.79	ug/l	0.00
Spiked Amount			Recovery	=	9.58%	
50) Toluene-d8	8.70	98	218382	5.10	ug/l	0.00
Spiked Amount			Recovery	=	10.20%	
62) 4-Bromofluorobenzene	11.12	95	84992	5.14	ug/l	0.00
Spiked Amount			Recovery	=	10.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	48774	4.062	ug/l	94
3) Chloromethane	1.31	50	63897	4.571	ug/l	99
4) Vinyl Chloride	1.39	62	57572	4.238	ug/l	97
5) Bromomethane	1.62	94	31763	6.052	ug/l	97
6) Chloroethane	1.70	64	37069	4.365	ug/l	99
7) Trichlorofluoromethane	1.91	101	81524	4.524	ug/l	99
8) Diethyl Ether	2.17	74	32913	4.243	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52618	3.890	ug/l	94
10) Methyl Iodide	2.49	142	48468	3.203	ug/l	99
11) Tert butyl alcohol	3.01	59	110711	36.002	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55065	3.880	ug/l	98
13) Acrolein	2.27	56	57954	21.389	ug/l	96
14) Allyl chloride	2.70	41	126482	5.565	ug/l	98
15) Acrylonitrile	3.12	53	179482	23.983	ug/l	100
16) Acetone	2.42	43	168718	26.444	ug/l	98
17) Carbon Disulfide	2.55	76	163152	4.251	ug/l	100
18) Methyl Acetate	2.75	43	87595	5.454	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	205749	4.775	ug/l	100
20) Methylene Chloride	2.84	84	63084	3.753	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	60219	3.899	ug/l	93
22) Diisopropyl ether	3.83	45	224868	5.026	ug/l	90
23) Vinyl Acetate	3.79	43	1034297	28.203	ug/l	99
24) 1,1-Dichloroethane	3.67	63	116729	4.394	ug/l	98
25) 2-Butanone	4.64	43	270645	27.801	ug/l	100
26) 2,2-Dichloropropane	4.55	77	97487	4.710	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	68727	4.027	ug/l	99
28) Bromochloromethane	4.98	49	56289	5.004	ug/l	96
29) Tetrahydrofuran	5.10	42	176614	27.970	ug/l	99
30) Chloroform	5.18	83	112381	4.198	ug/l	99
31) Cyclohexane	5.56	56	107808	5.227	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	103471	4.724	ug/l	99
36) 1,1-Dichloropropene	5.78	75	85818	5.117	ug/l	99
37) Ethyl Acetate	4.81	43	104409	6.210	ug/l	97
38) Carbon Tetrachloride	5.76	117	92707	5.748	ug/l	100

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 ALS Vial : 19 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	100109	5.140	ug/l	98
40) Benzene	6.12	78	247191	4.807	ug/l	100
41) Methacrylonitrile	5.01	41	58977	6.467	ug/l	98
42) 1,2-Dichloroethane	6.16	62	97168	5.880	ug/l	99
43) Isopropyl Acetate	6.42	43	180234	6.920	ug/l	99
44) Trichloroethene	7.19	130	65931	4.679	ug/l	99
45) 1,2-Dichloropropane	7.50	63	65772	5.296	ug/l	98
46) Dibromomethane	7.64	93	43462	5.004	ug/l	98
47) Bromodichloromethane	7.88	83	93313	5.624	ug/l	100
48) Methyl methacrylate	7.75	41	91098	7.282	ug/l	98
49) 1,4-Dioxane	7.72	88	33050	103.819	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	531882	33.761	ug/l	99
52) Toluene	8.77	92	149830	4.753	ug/l	96
53) t-1,3-Dichloropropene	9.03	75	104425	5.794	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	112410	5.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61192	4.536	ug/l	97
56) Ethyl methacrylate	9.16	69	101597	5.539	ug/l	95
57) 1,3-Dichloropropane	9.36	76	108910	4.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	276751	26.998	ug/l	98
59) 2-Hexanone	9.48	43	392600	33.388	ug/l	100
60) Dibromochloromethane	9.57	129	74145	5.469	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68174	4.938	ug/l	97
64) Tetrachloroethene	9.32	164	63508	5.433	ug/l	95
65) Chlorobenzene	10.12	112	160435	4.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	66383	5.300	ug/l	98
67) Ethyl Benzene	10.24	91	299904	5.211	ug/l	100
68) m/p-Xylenes	10.34	106	219634	10.076	ug/l	96
69) o-Xylene	10.68	106	109124	5.150	ug/l	100
70) Styrene	10.70	104	186270	5.261	ug/l	96
71) Bromoform	10.84	173	53711	6.202	ug/l #	91
73) Isopropylbenzene	11.01	105	290598	4.841	ug/l	99
74) N-amyl acetate	10.89	43	156725	6.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97593	5.084	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	88121m	5.084	ug/l	
77) Bromobenzene	11.24	156	75839	5.269	ug/l	98
78) n-propylbenzene	11.34	91	331273	4.913	ug/l	99
79) 2-Chlorotoluene	11.40	91	197653	4.815	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	247370	5.101	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	35042	5.401	ug/l	97
82) 4-Chlorotoluene	11.49	91	231551	4.968	ug/l	99
83) tert-Butylbenzene	11.76	119	237358	4.986	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	248647	4.961	ug/l	99
85) sec-Butylbenzene	11.93	105	278462	4.938	ug/l	99
86) p-Isopropyltoluene	12.05	119	257271	5.080	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	131600	4.878	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	131319	4.644	ug/l	92
89) n-Butylbenzene	12.37	91	228981	4.806	ug/l	98
90) Hexachloroethane	12.58	117	46767	4.702	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	129065	4.774	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	25523	5.928	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

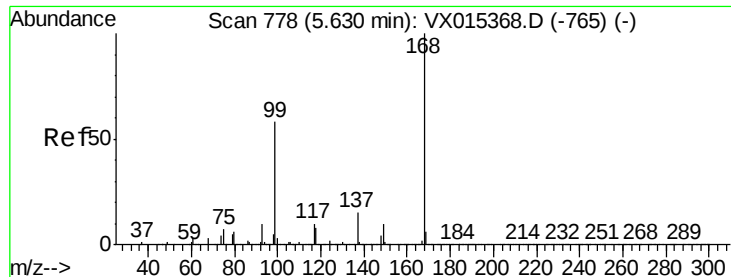
Manual Integrations
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Quant Time: Mar 27 09:10:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 08:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	100004	5.918	ug/l	98
94) Hexachlorobutadiene	13.77	225	47183	6.647	ug/l	98
95) Naphthalene	13.82	128	318723	5.803	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	97415	5.868	ug/l	99

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



#1

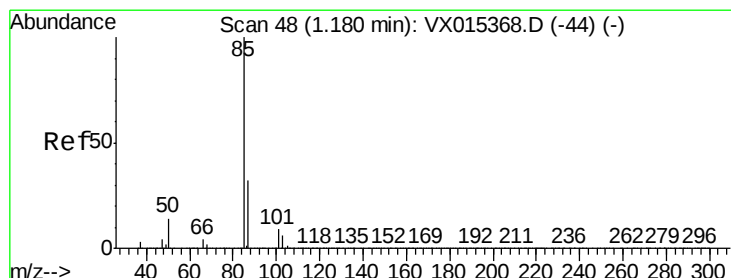
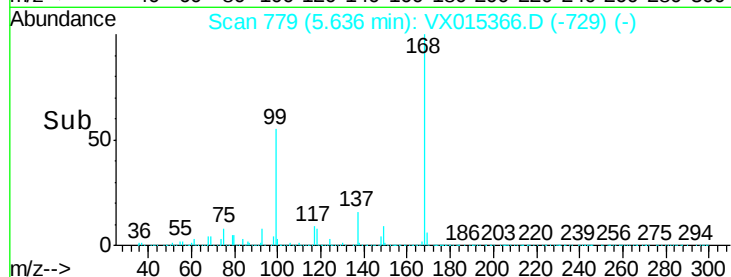
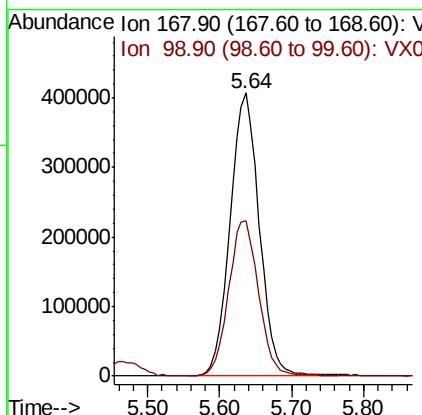
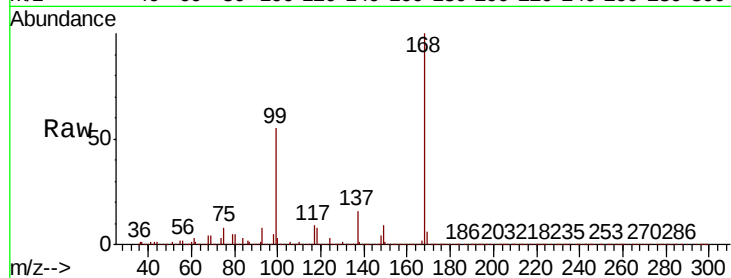
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:168 Resp: 1147512
 Ion Ratio Lower Upper
 168 100
 99 54.6 46.4 69.6

Manual Integrations
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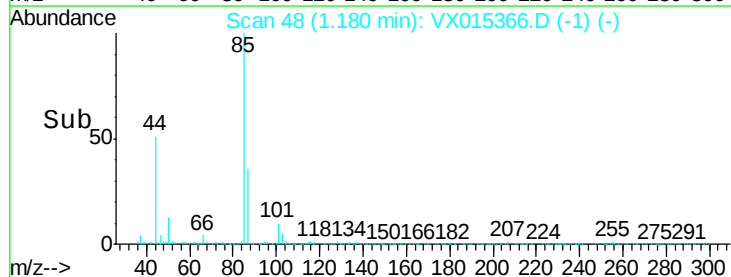
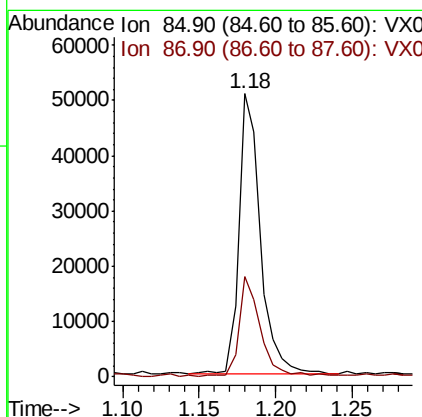
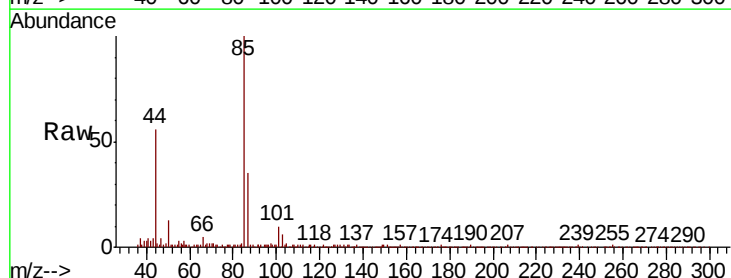
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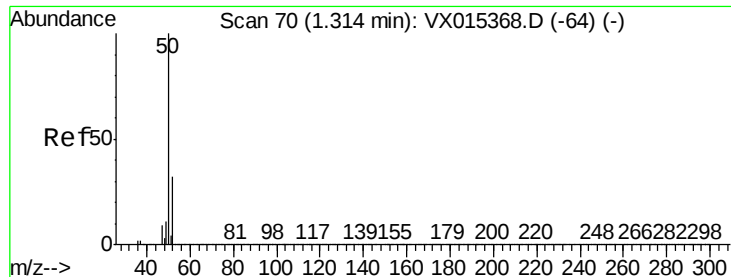


#2

Dichlorodifluoromethane
 Concen: 4.062 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion: 85 Resp: 48774
 Ion Ratio Lower Upper
 85 100
 87 35.4 16.0 47.9





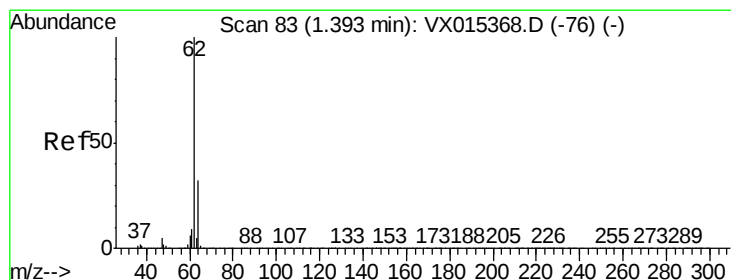
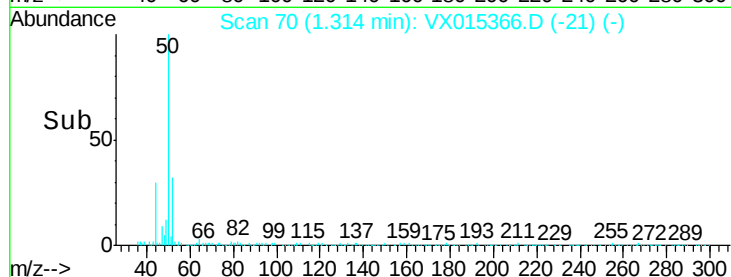
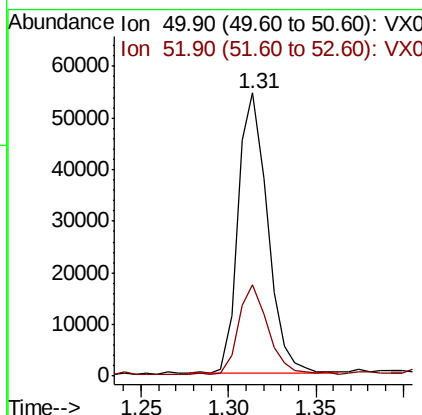
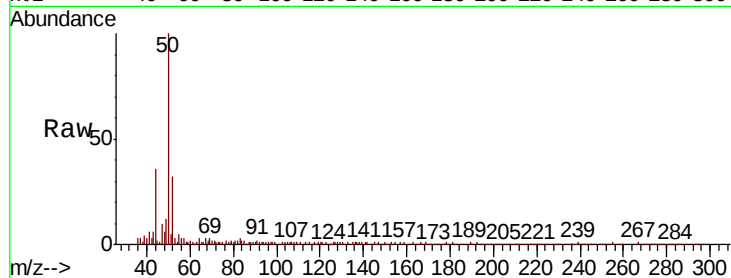
#3
Chloromethane
Concen: 4.571 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.3	37.9

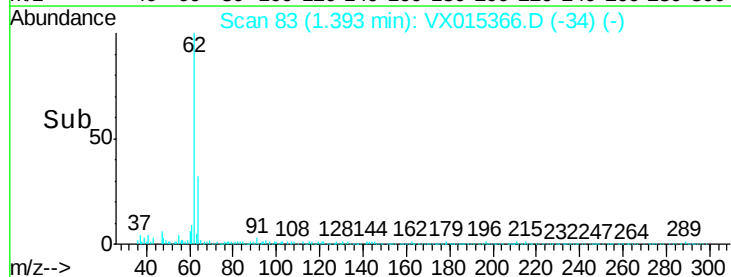
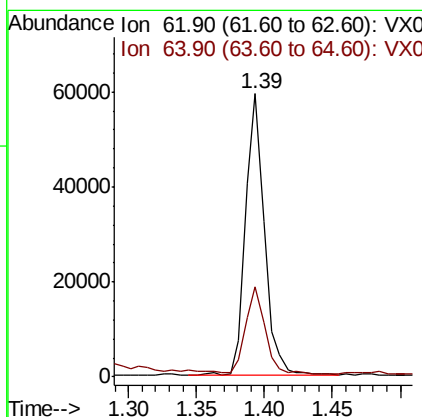
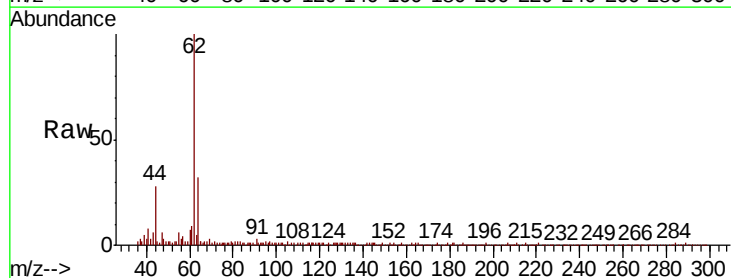
Manual Integrations
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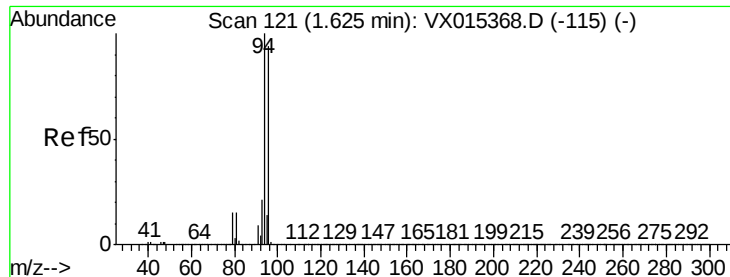
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#4
Vinyl Chloride
Concen: 4.238 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.8	26.0	39.0





#5

Bromomethane

Concen: 6.052 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 31763

Ion Ratio Lower Upper

94 100

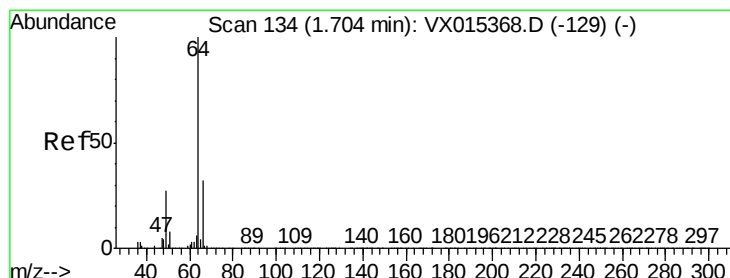
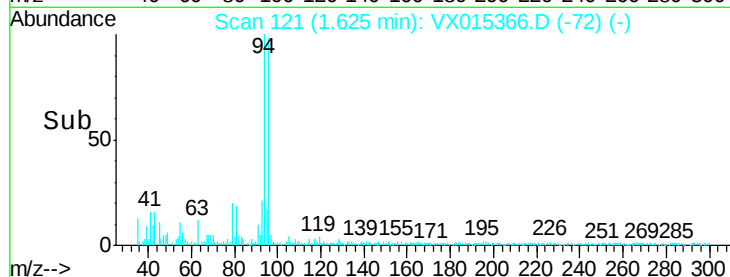
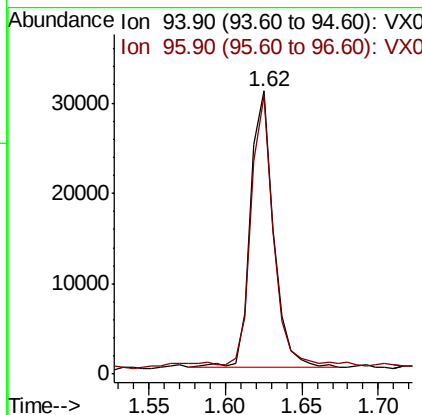
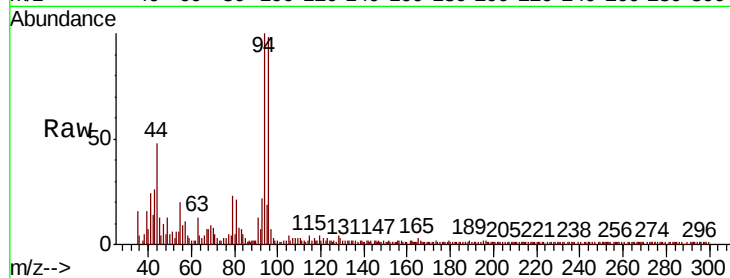
96 96.7 74.8 112.2

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#6

Chloroethane

Concen: 4.365 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015366.D

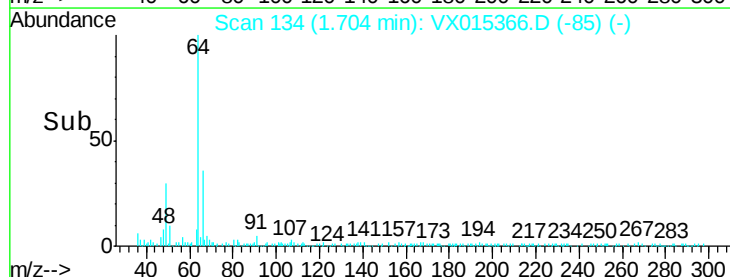
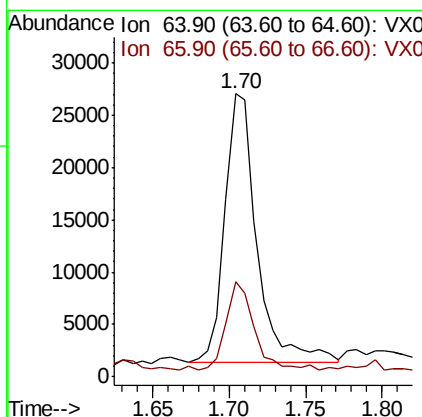
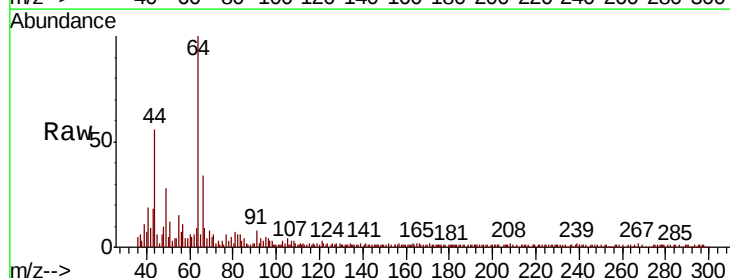
Acq: 26 Mar 2020 19:53

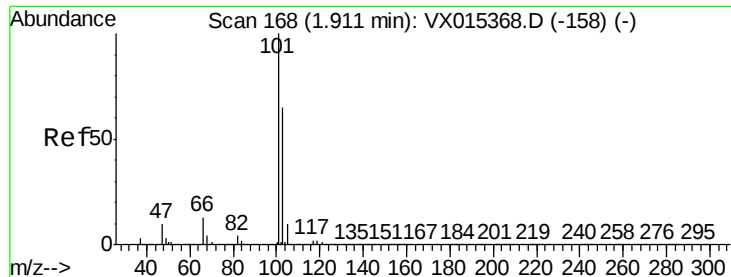
Tgt Ion: 64 Resp: 37069

Ion Ratio Lower Upper

64 100

66 32.6 25.4 38.2





#7

Trichlorofluoromethane

Concen: 4.524 ug/l

RT: 1.91 min Scan# 168

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

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ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 81524

Ion Ratio Lower Upper

101 100

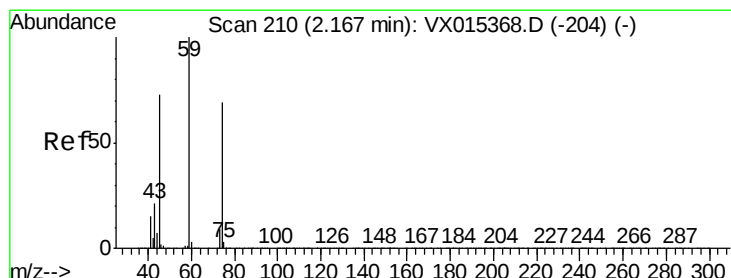
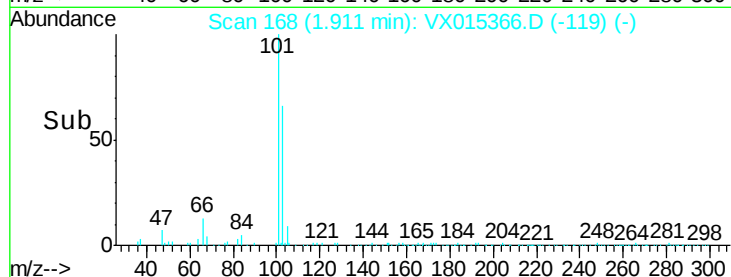
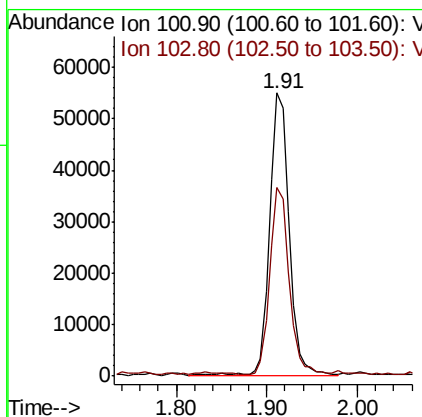
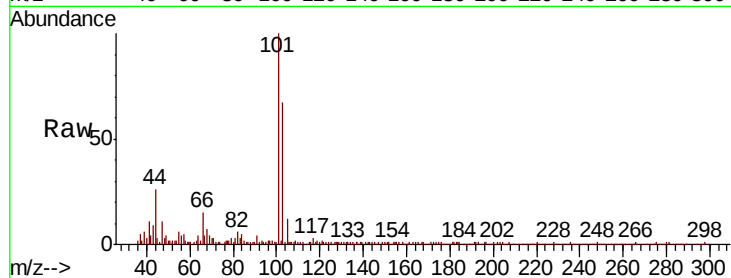
103 66.0 52.3 78.5

Manual Integrations

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#8

Diethyl Ether

Concen: 4.243 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX015366.D

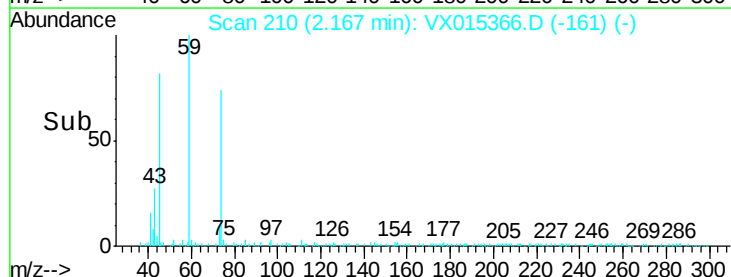
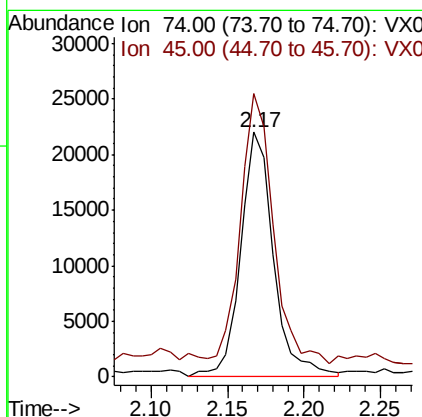
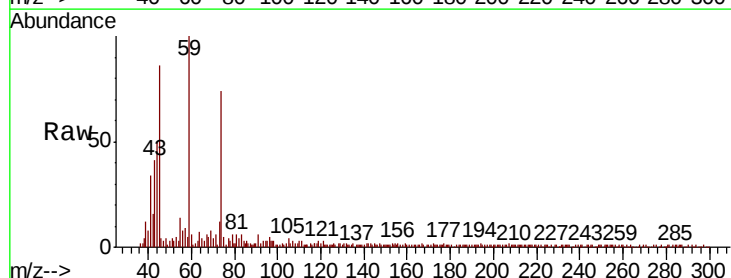
Acq: 26 Mar 2020 19:53

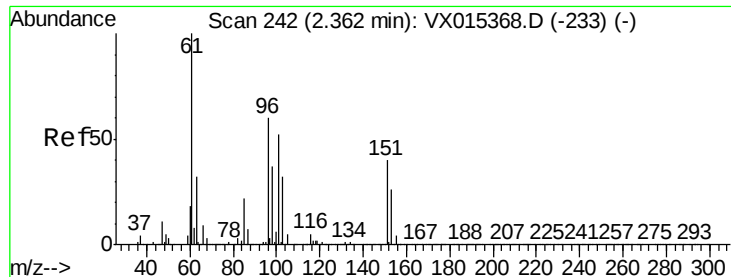
Tgt Ion: 74 Resp: 32913

Ion Ratio Lower Upper

74 100

45 109.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.890 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

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MSVOA_X

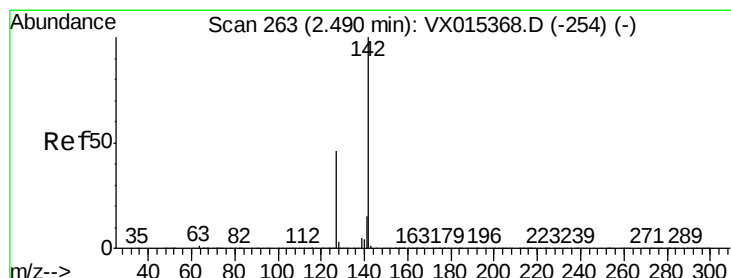
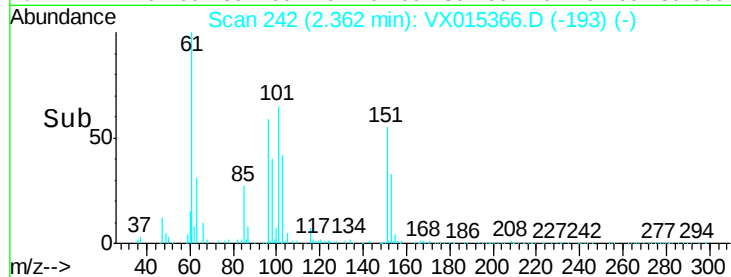
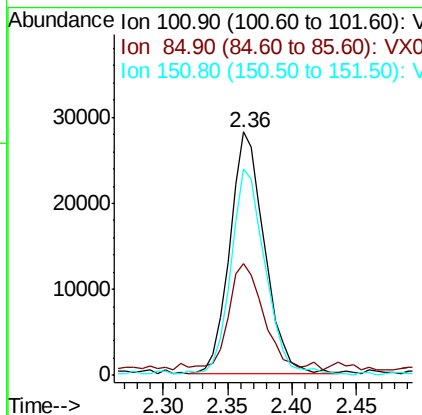
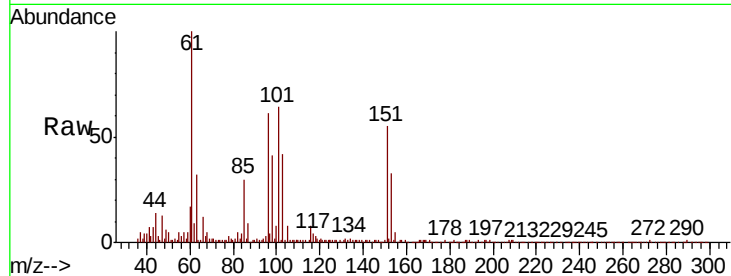
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	52618
Ion Ratio	Lower	Upper	
101	100		
85	40.4	35.0	52.4
151	85.6	64.1	96.1

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#10

Methyl Iodide

Concen: 3.203 ug/l

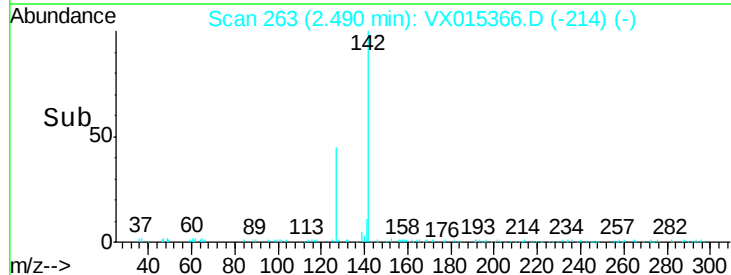
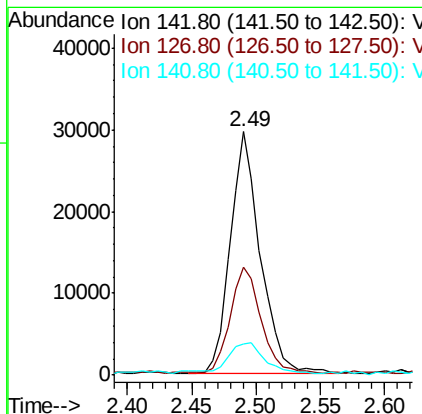
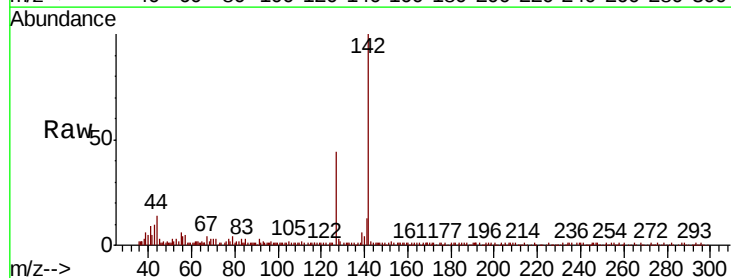
RT: 2.49 min Scan# 263

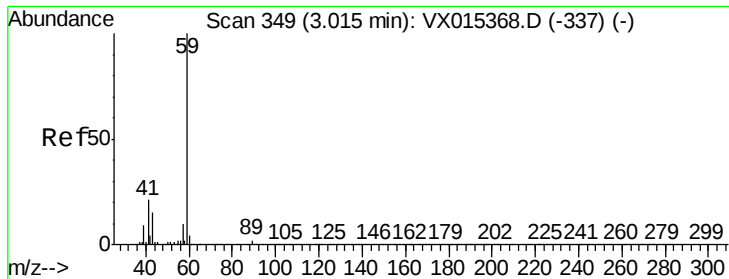
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	142	Resp:	48468
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.9	53.9
141	15.8	11.6	17.4





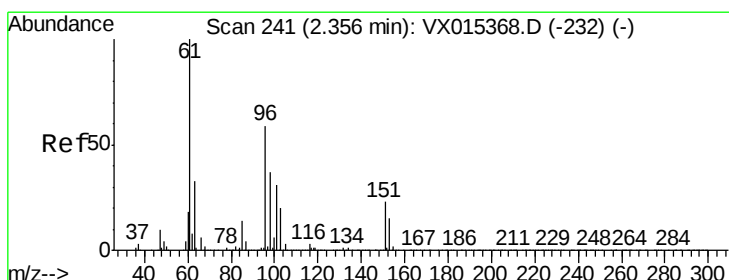
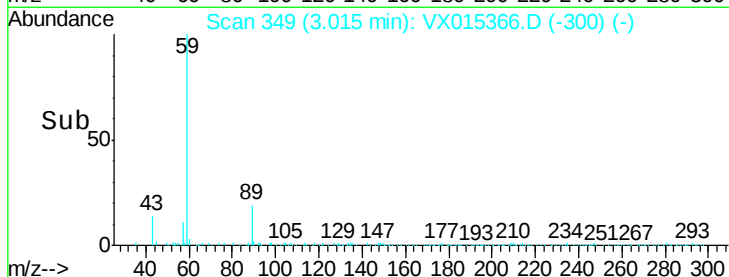
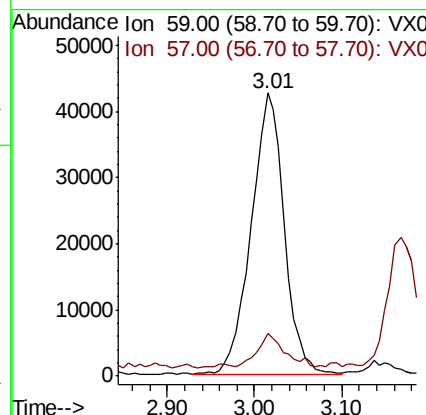
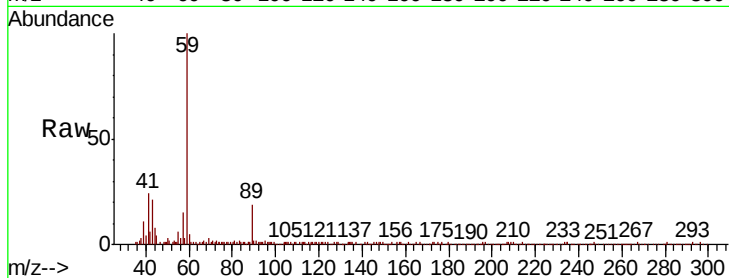
#11
Tert butyl alcohol
Concen: 36.002 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

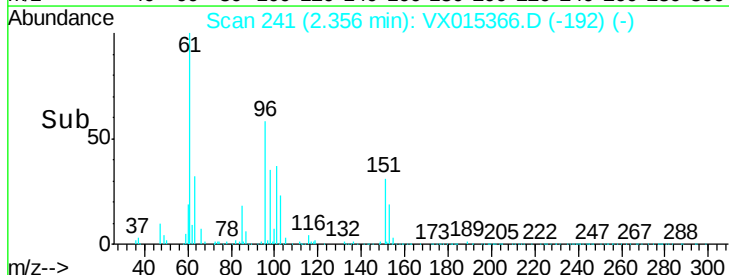
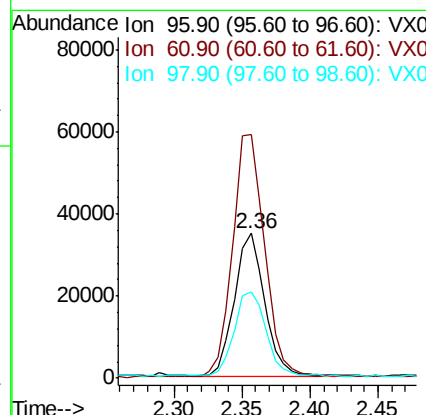
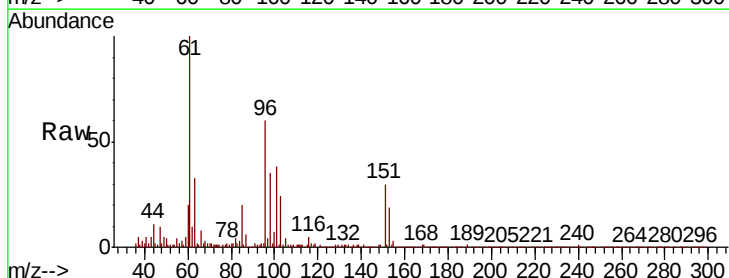
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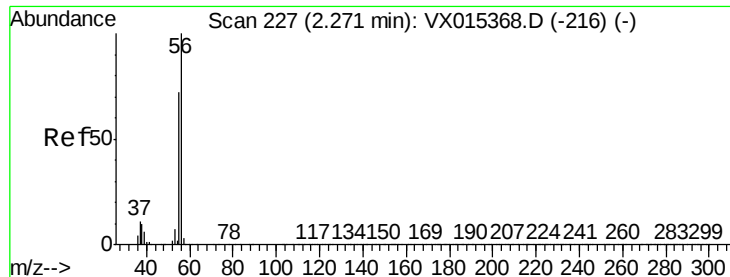
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#12
1,1-Dichloroethene
Concen: 3.880 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	135.7	203.5
98	58.3	50.6	75.8





#13

Acrolein

Concen: 21.389 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 57954

Ion Ratio Lower Upper

56 100

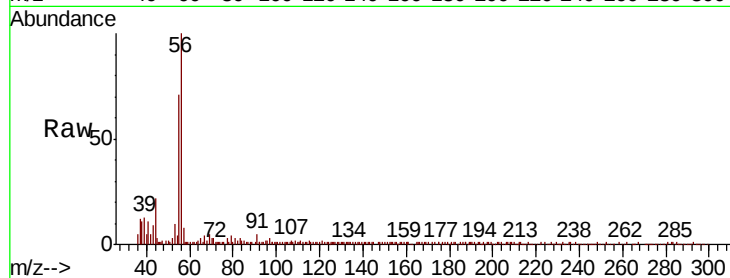
55 74.6 57.0 85.4

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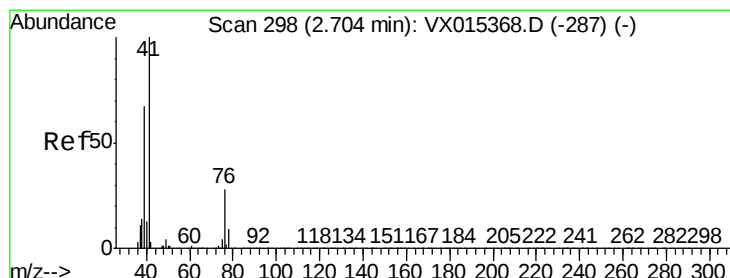
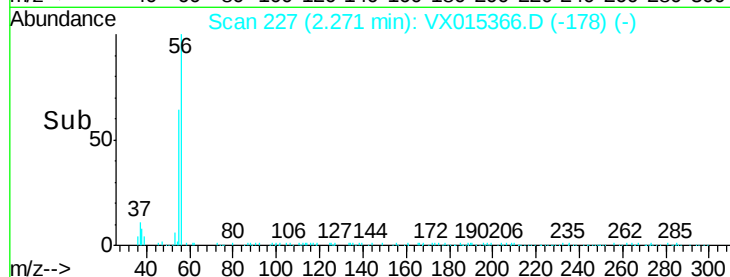
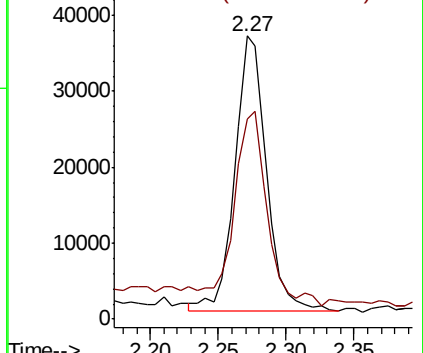
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.565 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

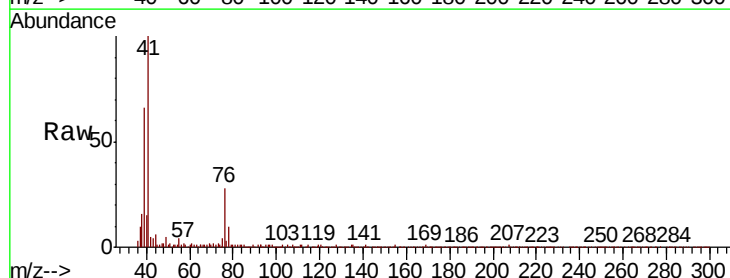
Tgt Ion: 41 Resp: 126482

Ion Ratio Lower Upper

41 100

39 63.1 51.4 77.0

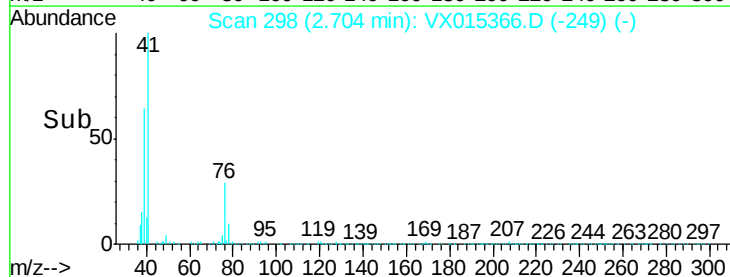
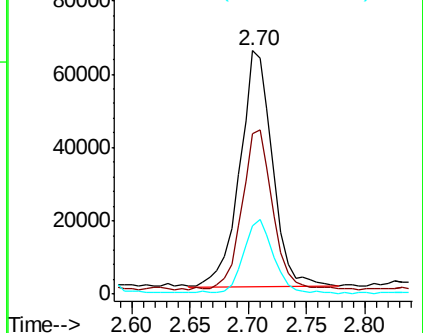
76 28.5 21.8 32.8

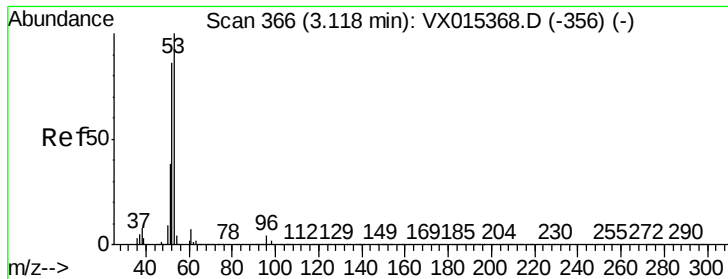


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 23.983 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

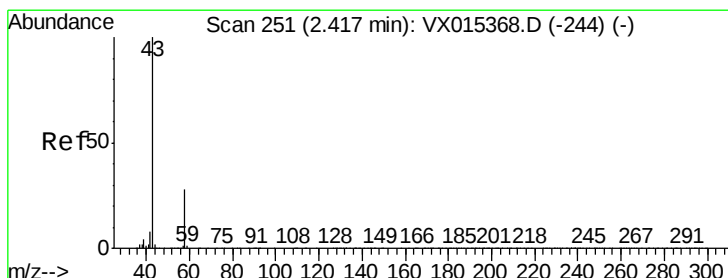
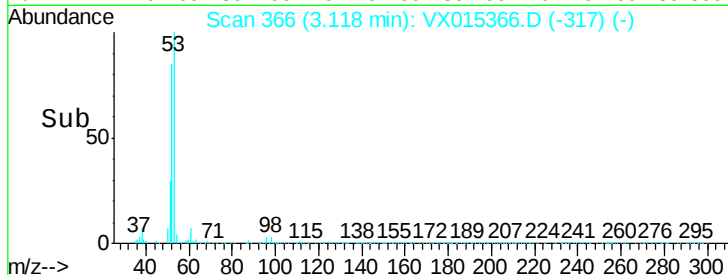
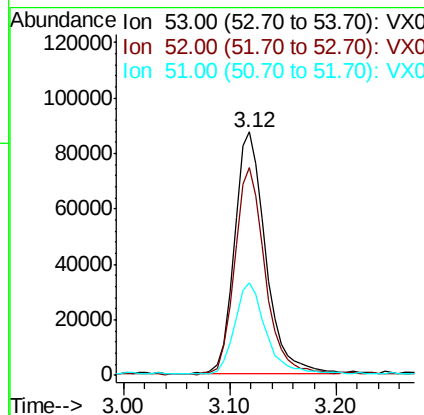
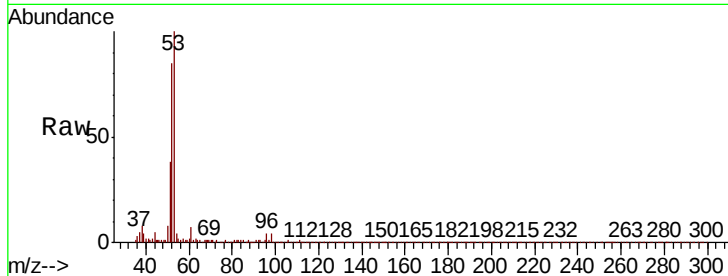
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	179482
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	37.2	29.5	44.3

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#16

Acetone

Concen: 26.444 ug/l

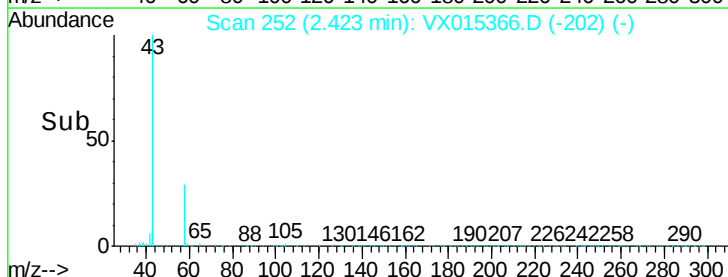
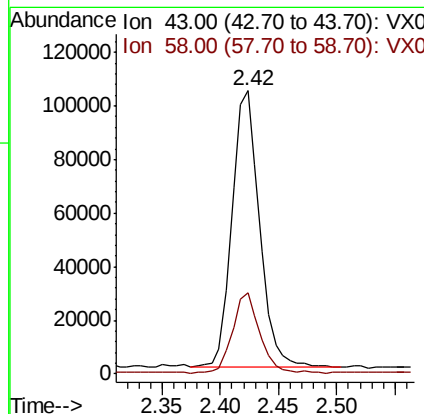
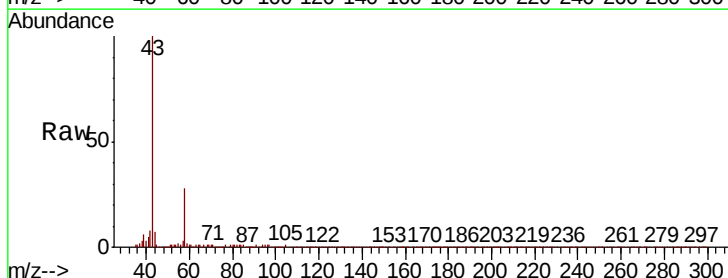
RT: 2.42 min Scan# 252

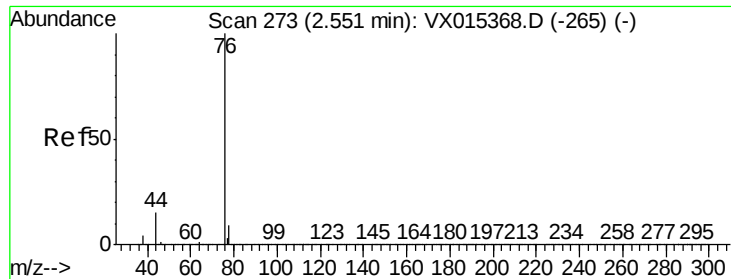
Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	43	Resp:	168718
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.1	33.1





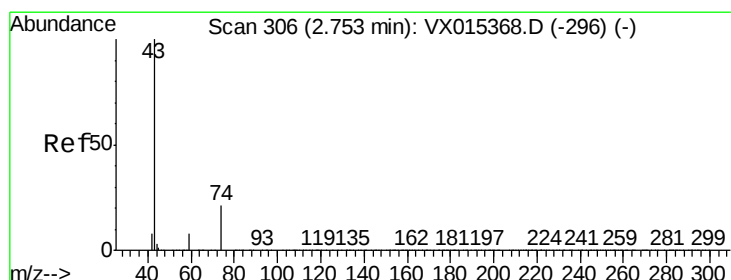
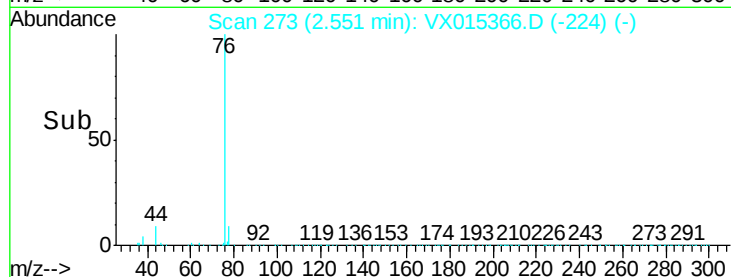
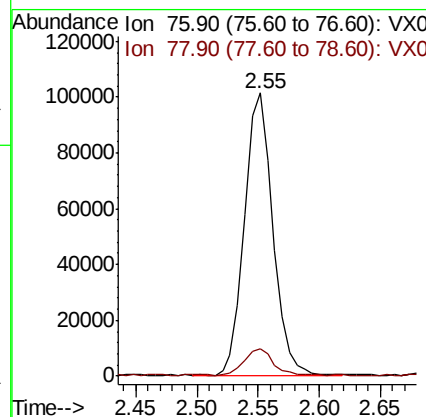
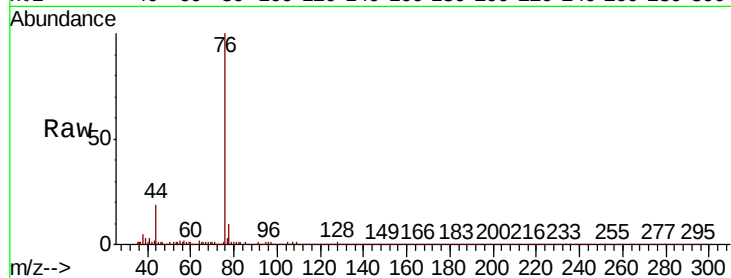
#17
Carbon Disulfide
Concen: 4.251 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

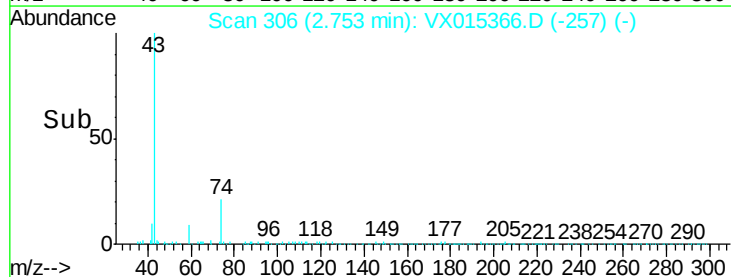
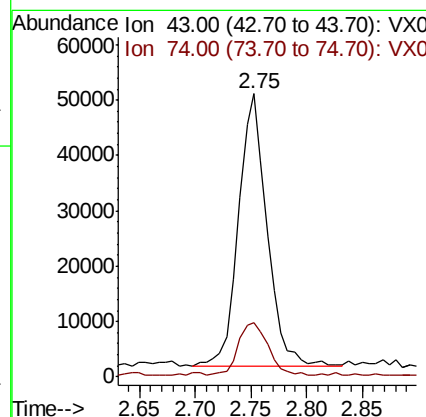
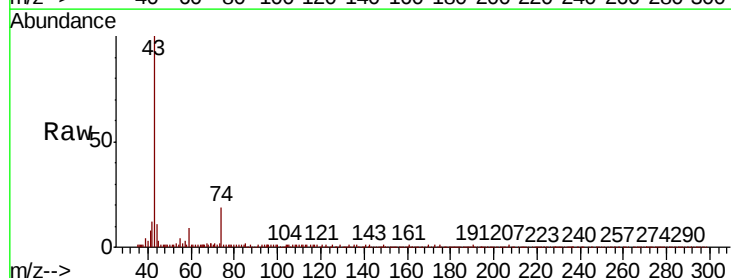
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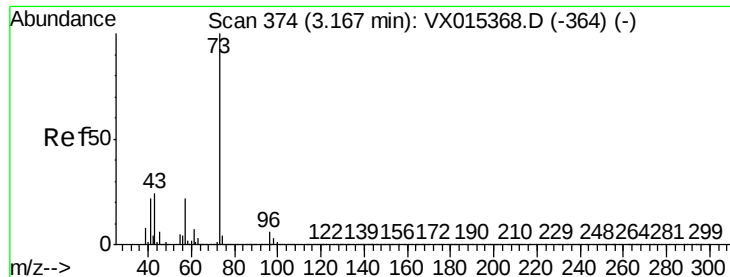
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#18
Methyl Acetate
Concen: 5.454 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.5	24.7





#19

Methyl tert-butyl Ether

Concen: 4.775 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX015366.D

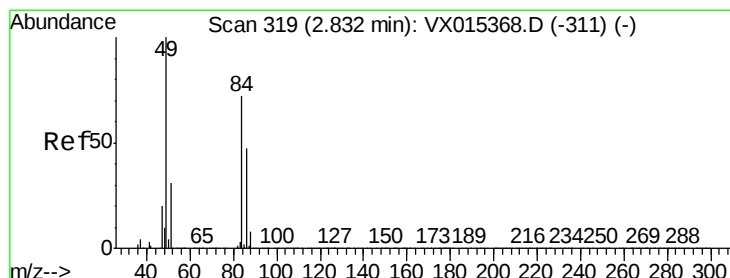
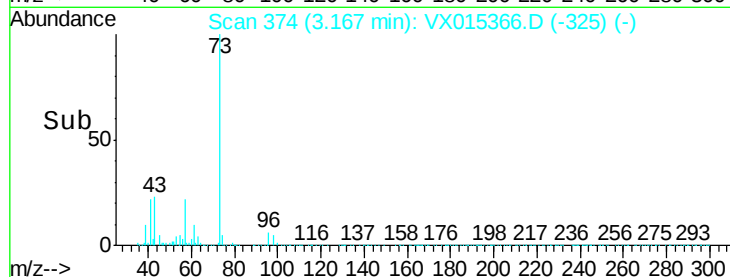
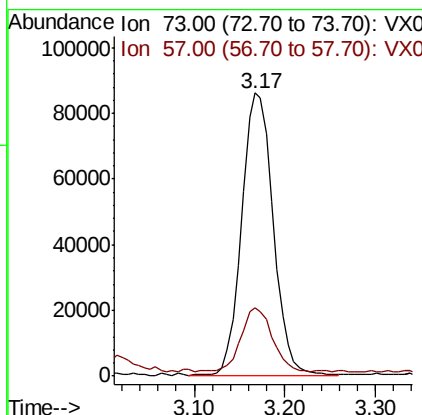
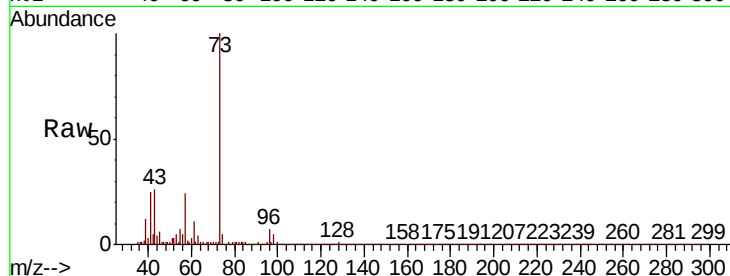
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.9	26.9

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#20

Methylene Chloride

Concen: 3.753 ug/l

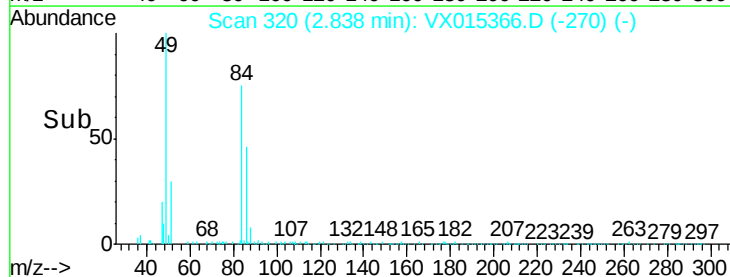
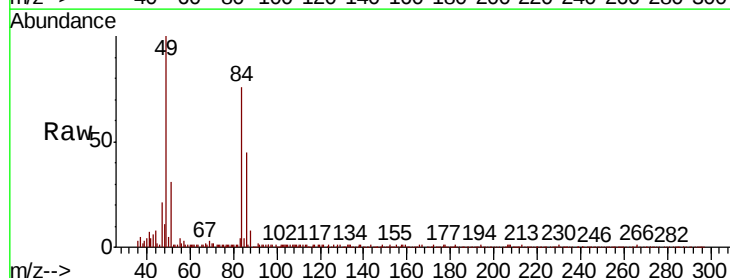
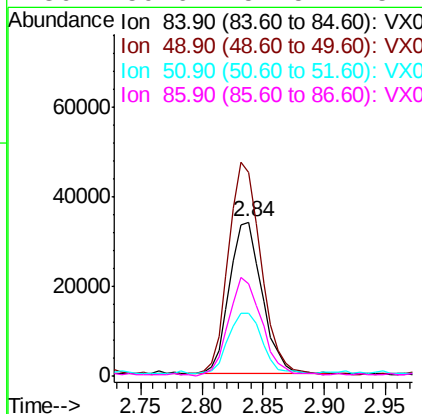
RT: 2.84 min Scan# 320

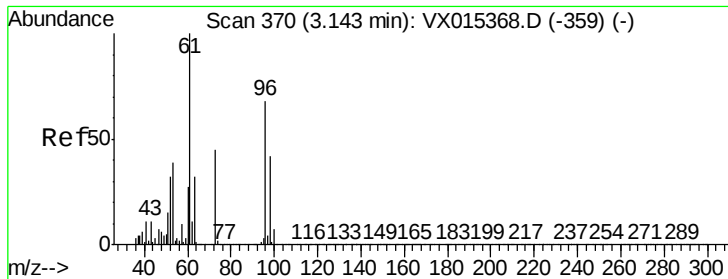
Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.5	111.3	166.9
51	38.5	34.0	51.0
86	59.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 3.899 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

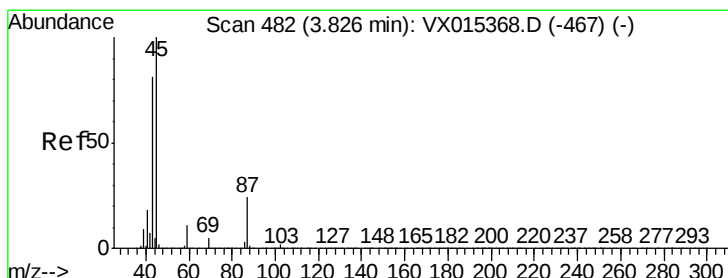
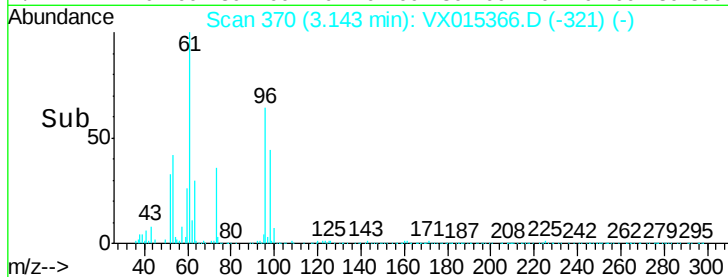
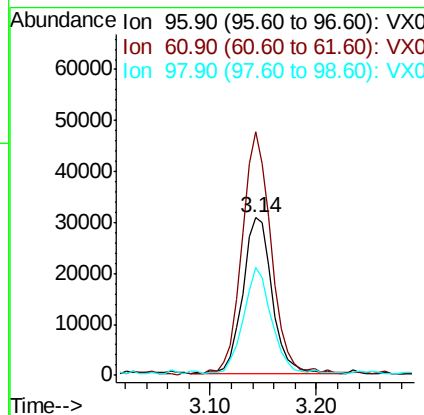
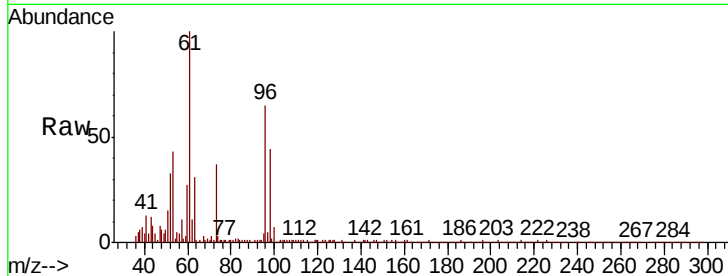
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	60219
Ion	Ratio	Lower	Upper
96	100		
61	154.8	116.9	175.3
98	66.8	48.6	73.0

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#22

Diisopropyl ether

Concen: 5.026 ug/l

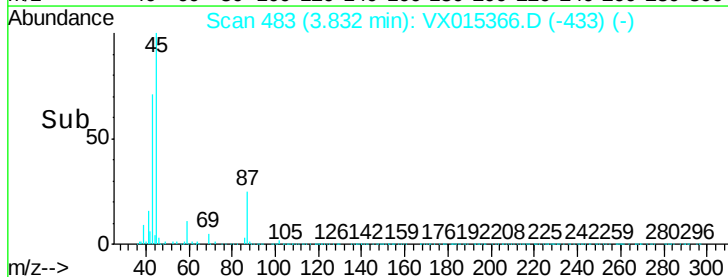
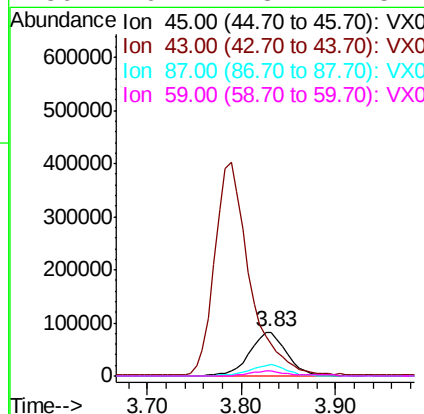
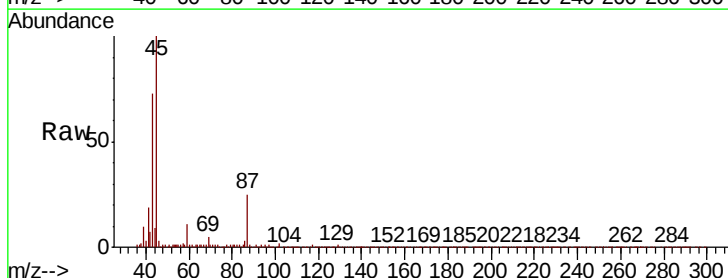
RT: 3.83 min Scan# 483

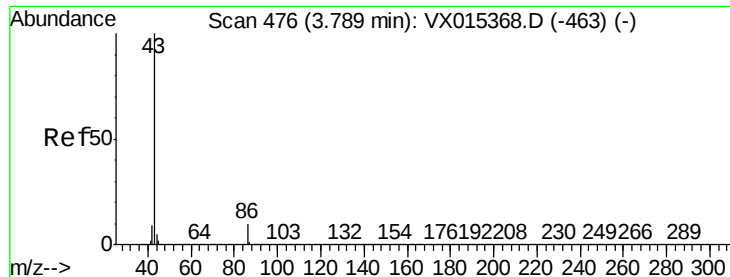
Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	45	Resp:	224868
Ion	Ratio	Lower	Upper
45	100		
43	69.2	64.7	97.1
87	25.0	19.4	29.0
59	10.2	8.7	13.1





#23

Vinyl Acetate

Concen: 28.203 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 1034297

Ion Ratio Lower Upper

43 100

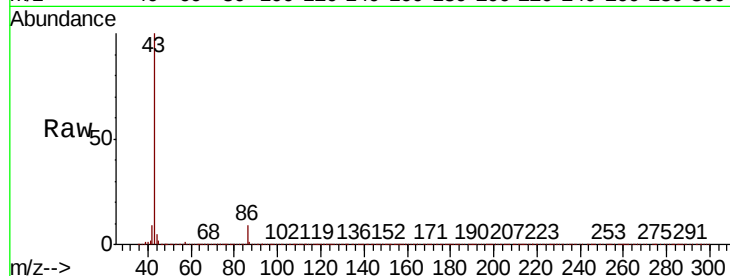
86 9.3 7.8 11.6

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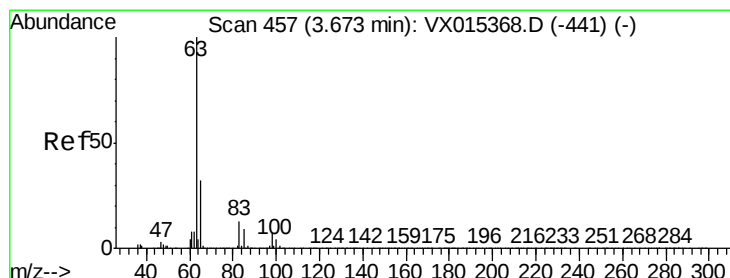
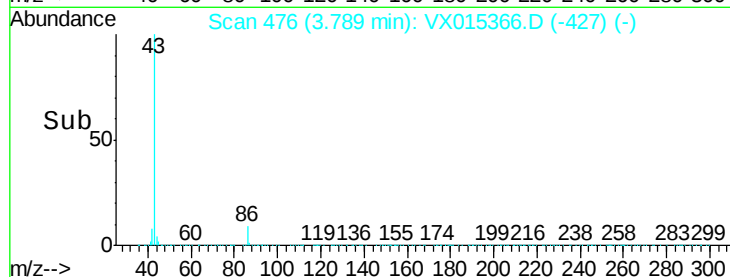
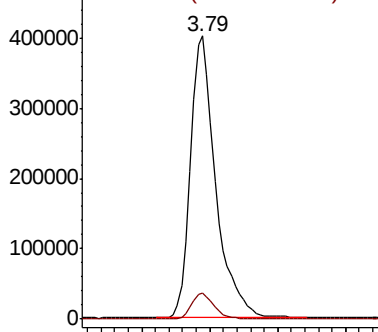
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.394 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

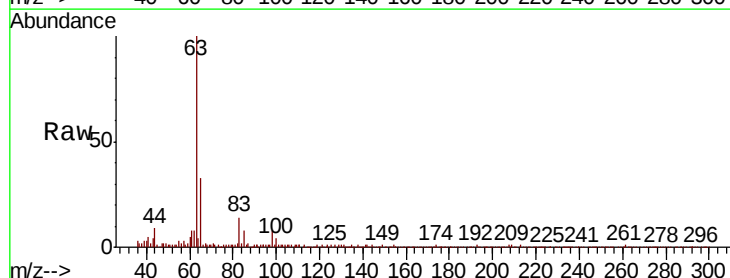
Tgt Ion: 63 Resp: 116729

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

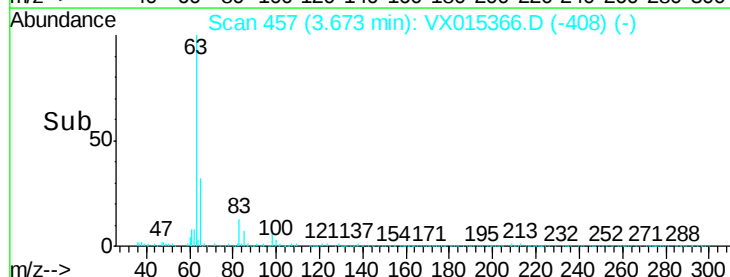
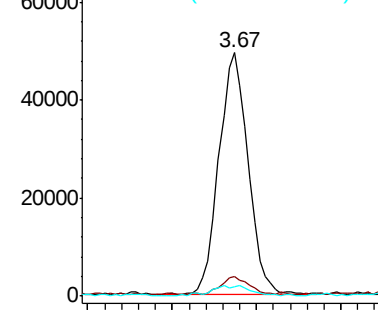
100 3.8 2.1 6.5

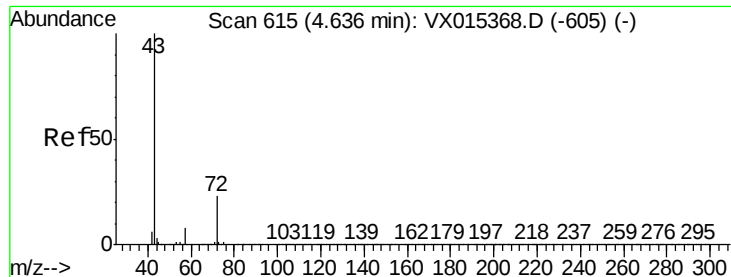


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 27.801 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 270645

Ion Ratio Lower Upper

43 100

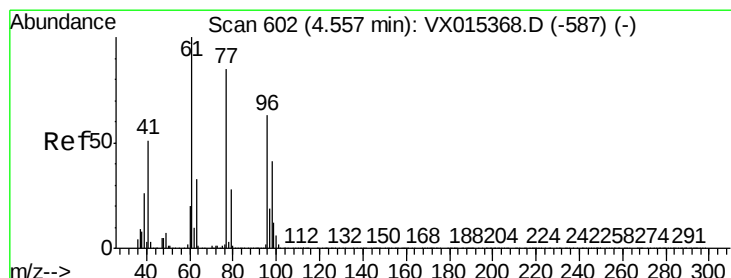
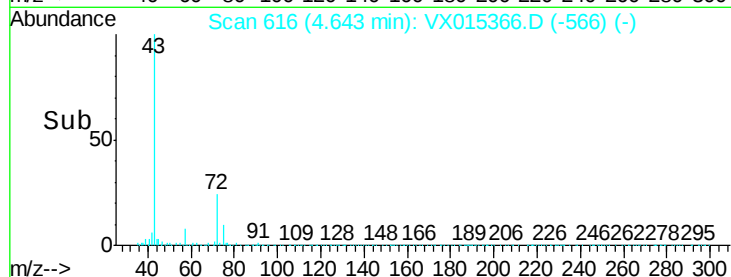
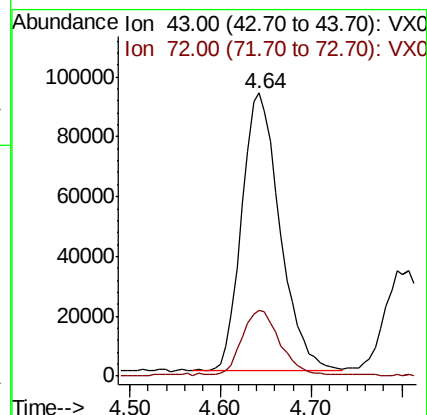
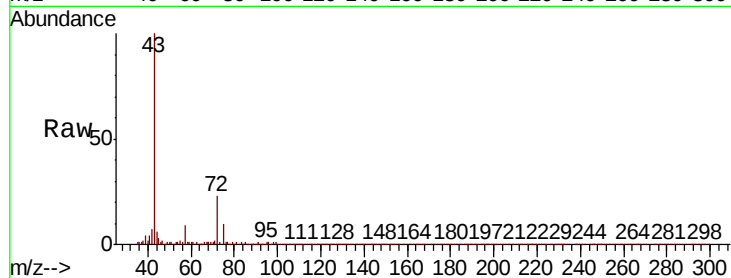
72 23.7 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 4.710 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015366.D

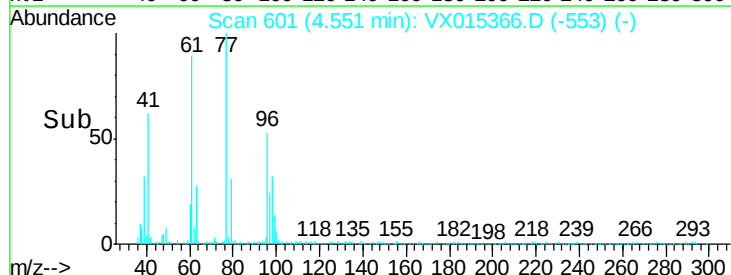
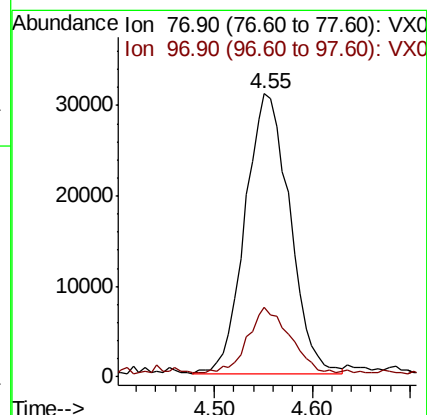
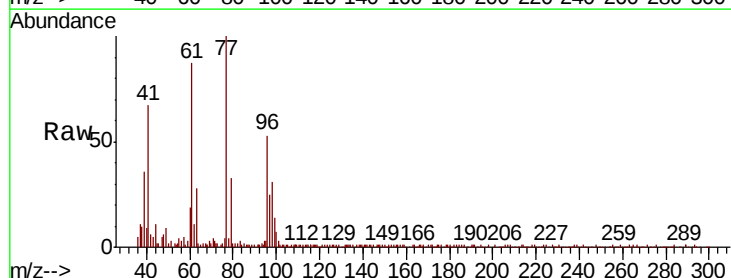
Acq: 26 Mar 2020 19:53

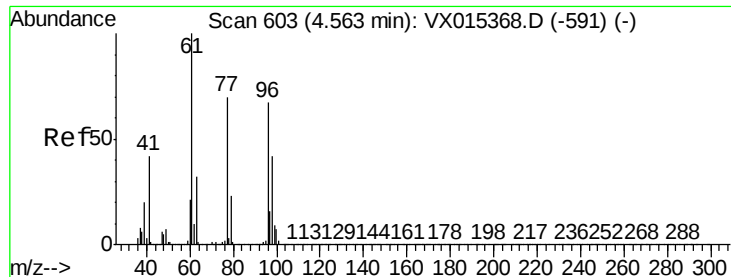
Tgt Ion: 77 Resp: 97487

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

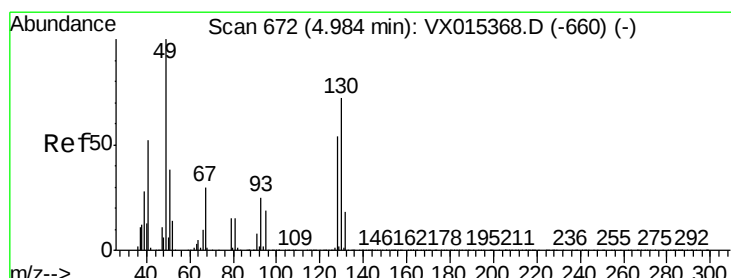
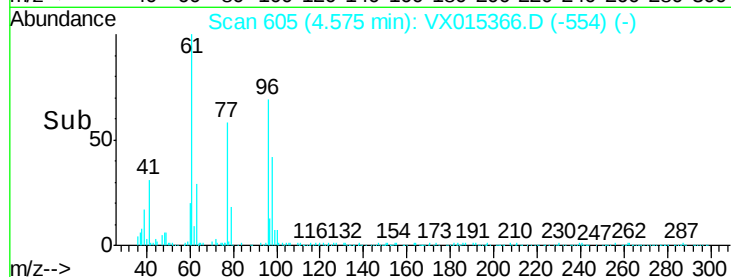
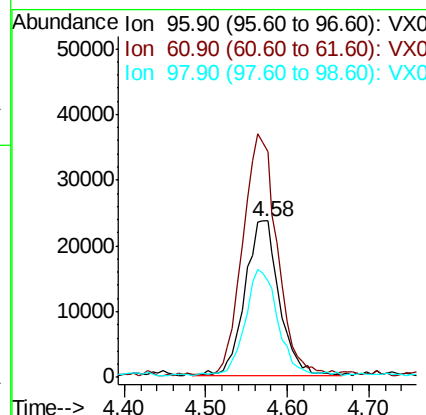
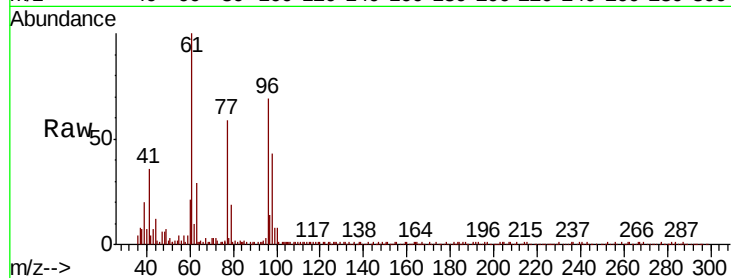
cis-1,2-Dichloroethene
Concen: 4.027 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.6	0.0	308.4
98	64.9	0.0	129.2

Manual Integrations
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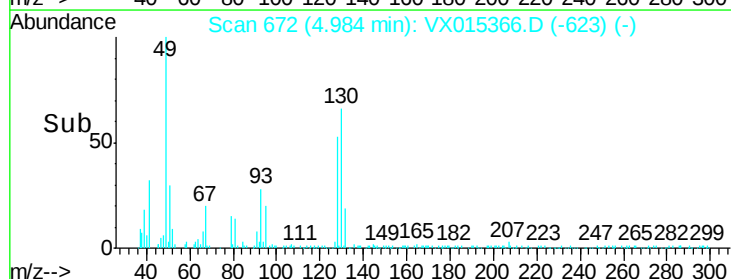
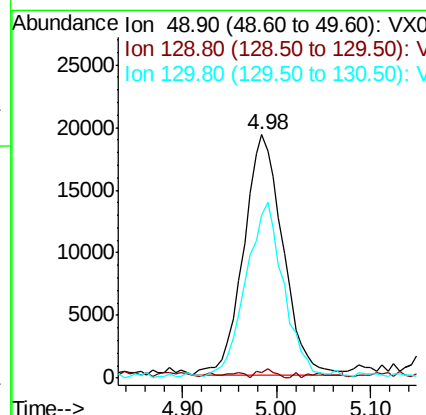
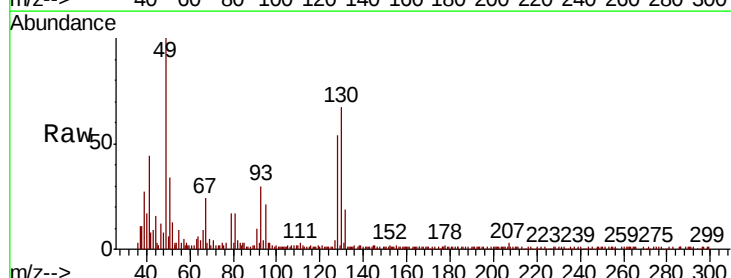
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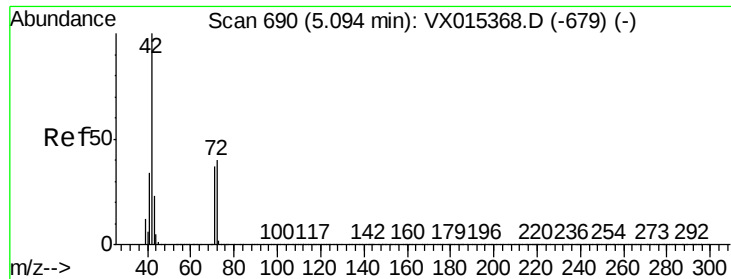


#28

Bromochloromethane
Concen: 5.004 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	69.0	57.7	86.5





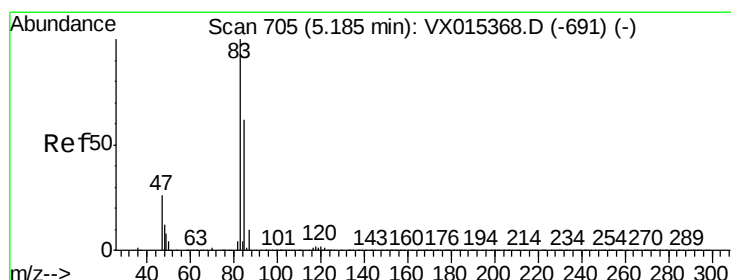
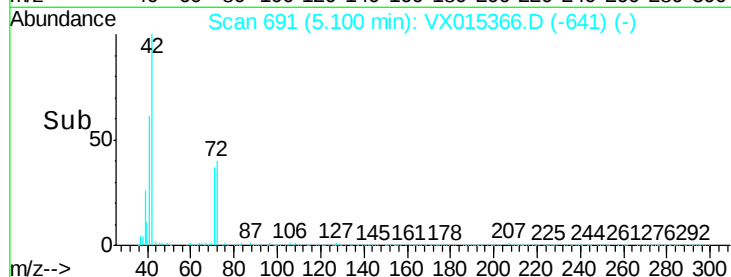
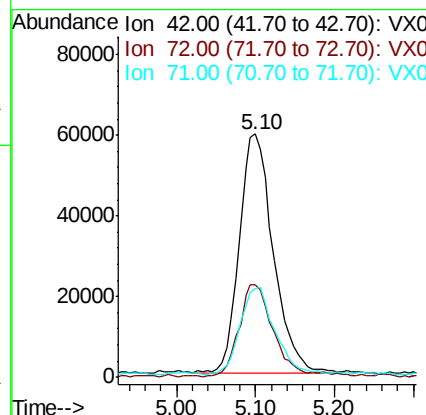
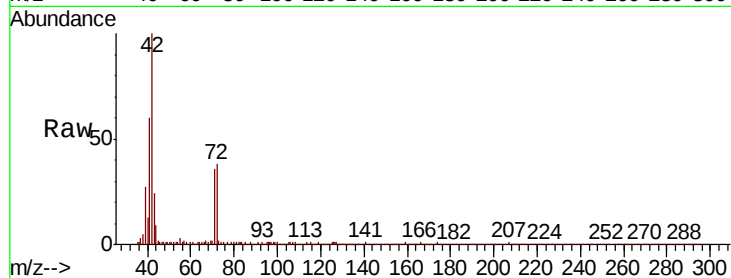
#29
Tetrahydrofuran
Concen: 27.970 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.7	31.7	47.5
71	37.9	29.6	44.4

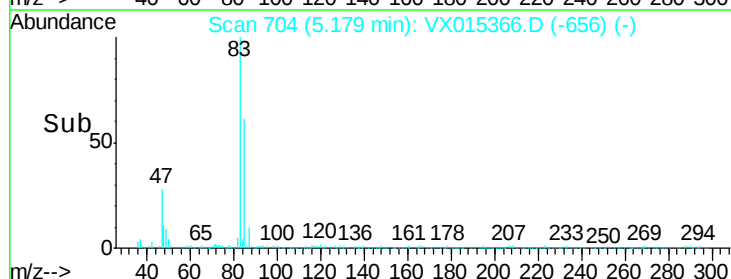
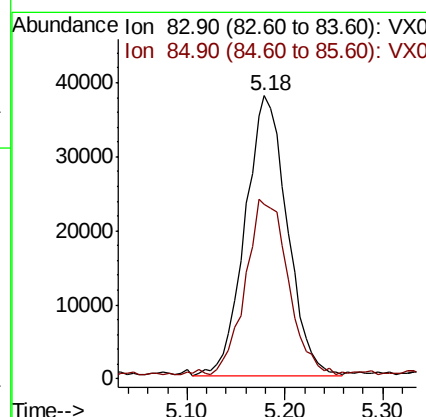
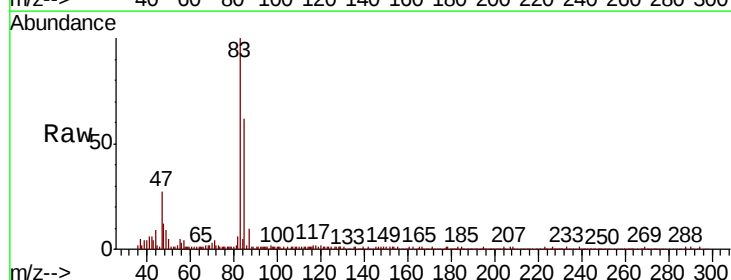
Manual Integrations
APPROVED

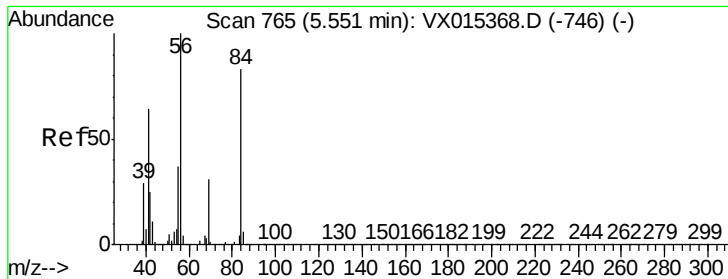
apatel
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#30
Chloroform
Concen: 4.198 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	49.5	74.3





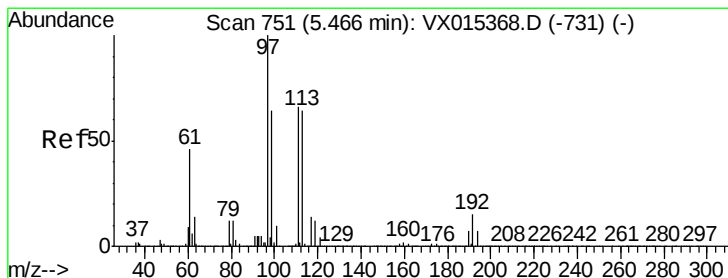
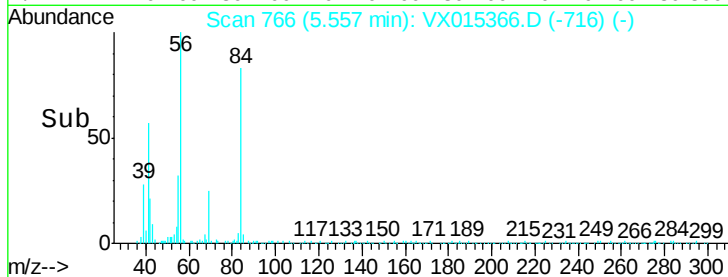
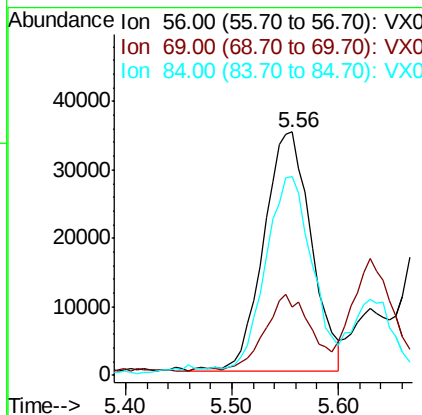
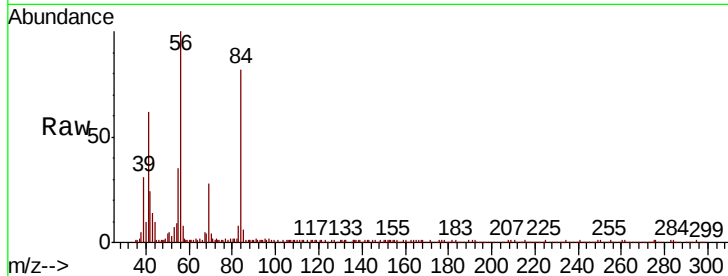
#31
Cvclohexane
Concen: 5.227 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.9	24.6	36.8
84	79.0	66.1	99.1

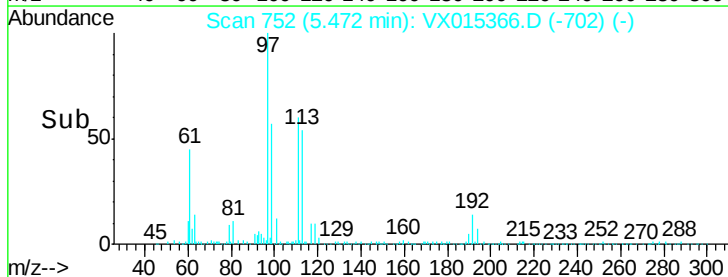
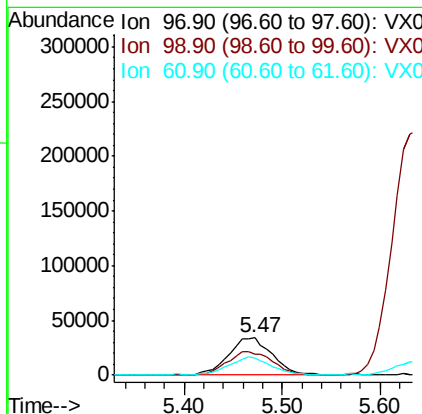
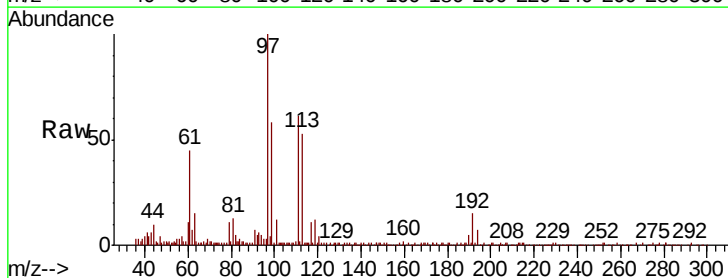
Manual Integrations
APPROVED

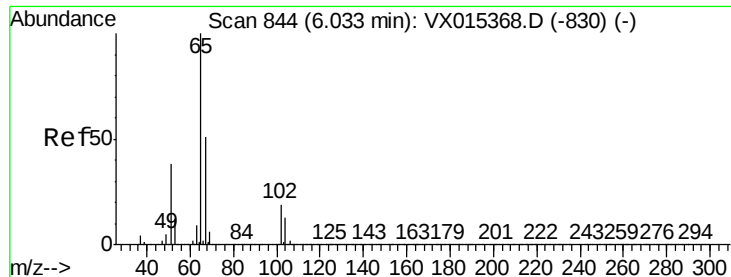
apatel
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#32
1,1,1-Trichloroethane
Concen: 4.724 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	45.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 5.350 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 80003

Ion Ratio Lower Upper

65 100

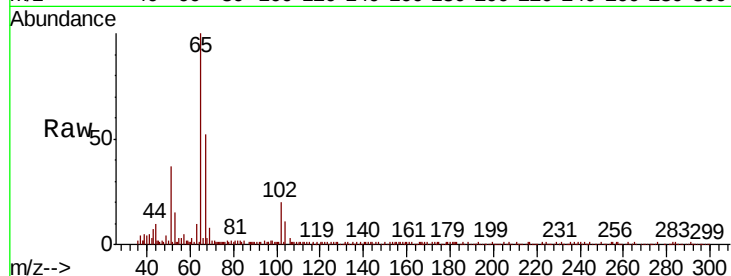
67 50.3 0.0 102.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

30000

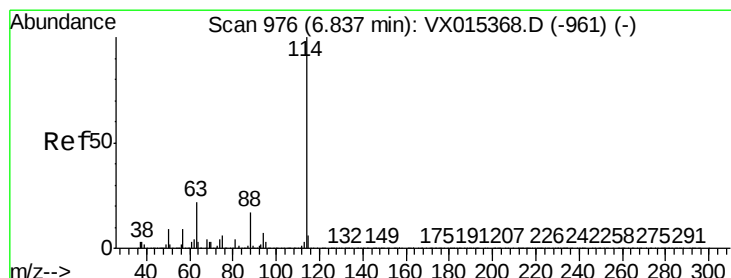
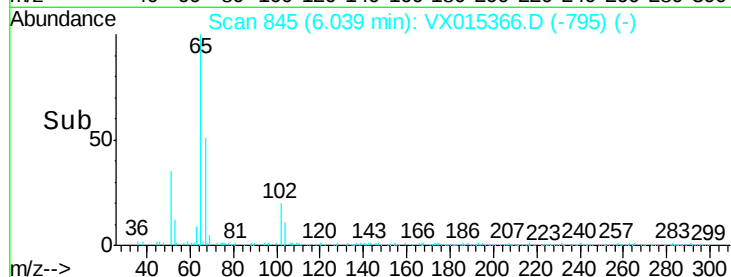
20000

10000

0

5.95 6.00 6.05 6.10 6.15

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

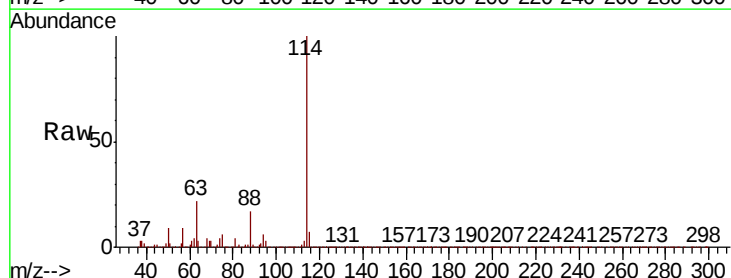
Tgt Ion: 114 Resp: 1804826

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

88 16.7 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

600000

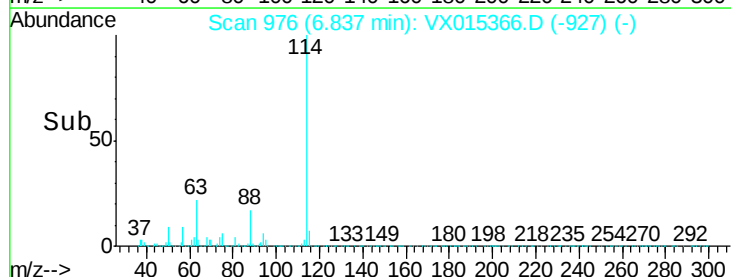
400000

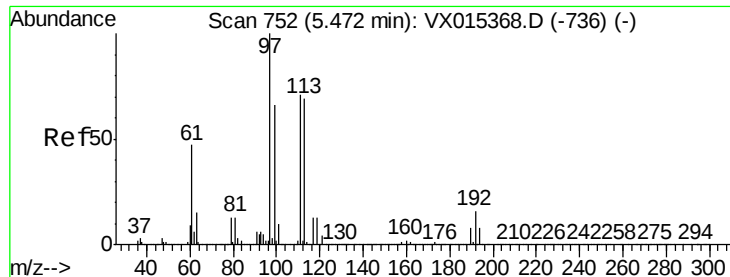
200000

0

6.60 6.70 6.80 6.90 7.00

Time-->





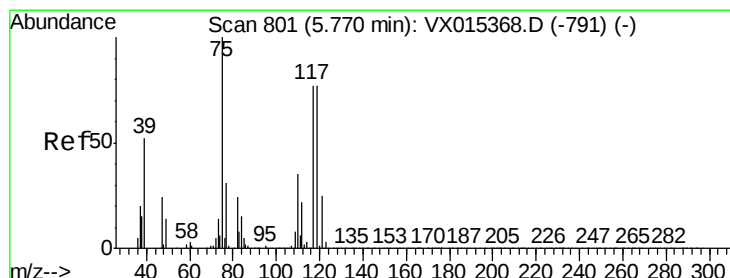
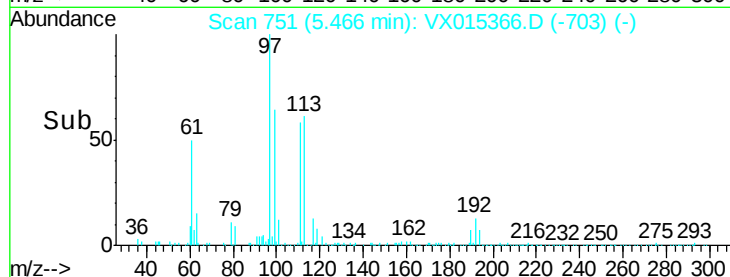
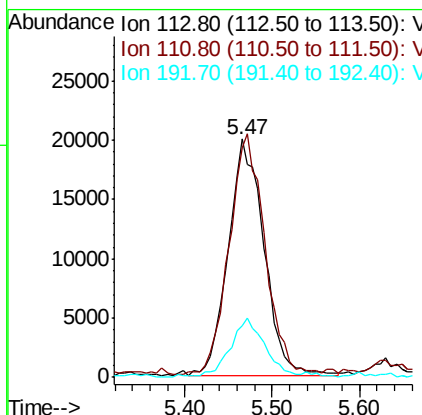
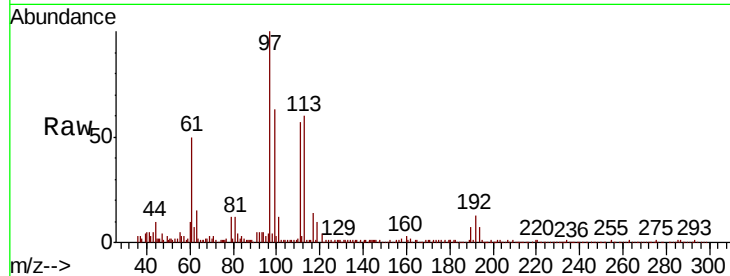
#35
 Dibromofluoromethane
 Concen: 4.794 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.9	17.8	26.6

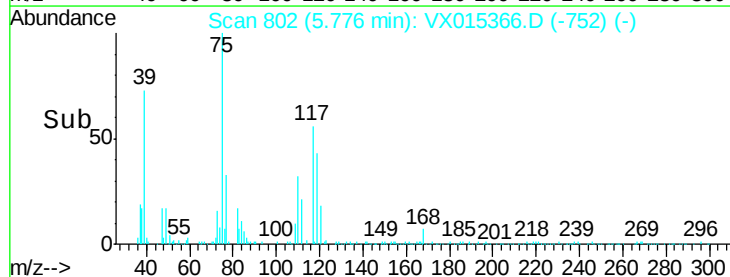
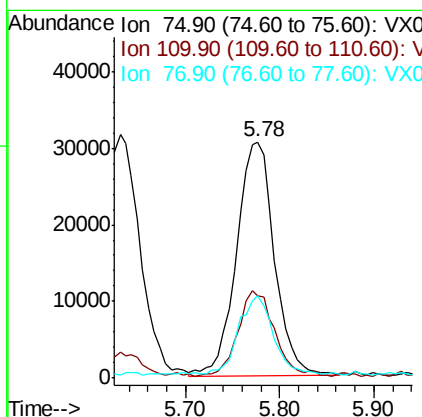
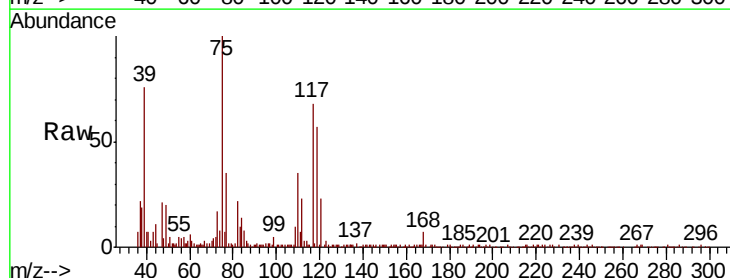
Manual Integrations
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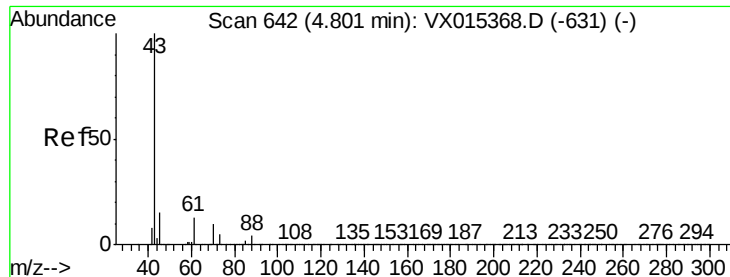
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#36
 1,1-Dichloropropene
 Concen: 5.117 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.1	51.3
77	30.2	24.6	36.8





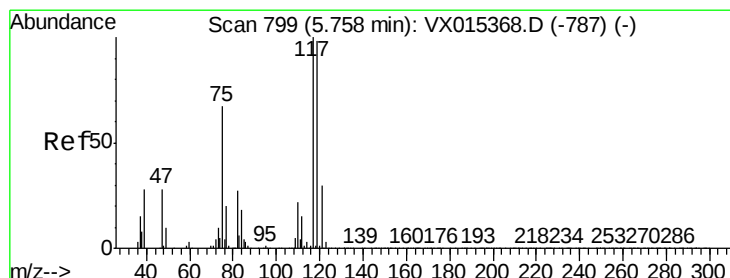
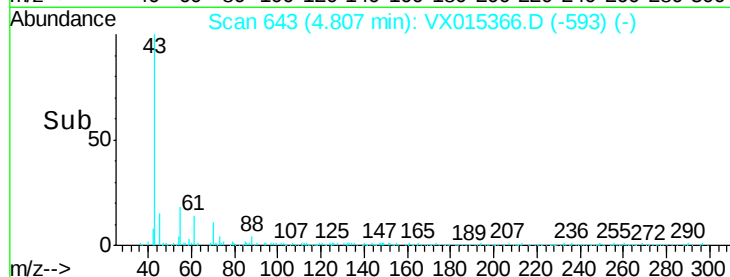
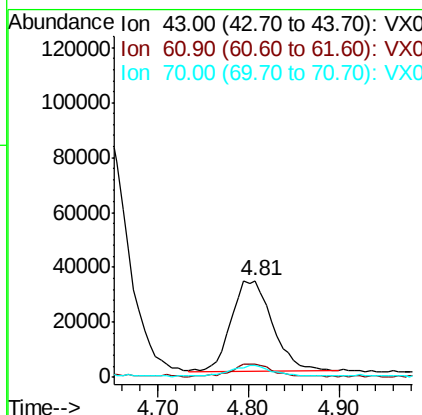
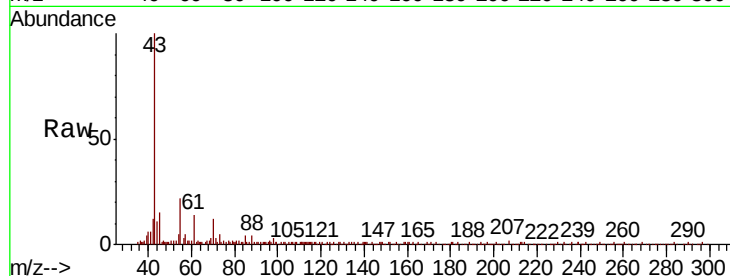
#37
Ethyl Acetate
Concen: 6.210 ug/l
RT: 4.81 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	104409
Ion Ratio	Lower	Upper	
43	100		
61	13.6	9.9	14.9
70	11.1	8.1	12.1

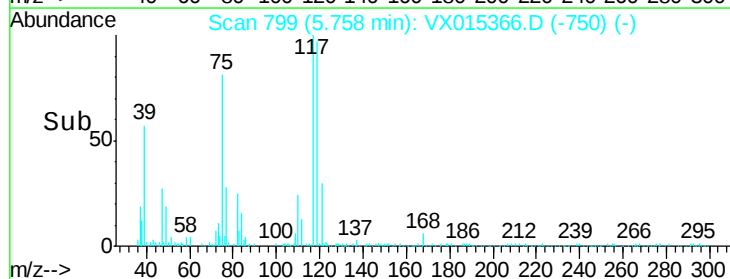
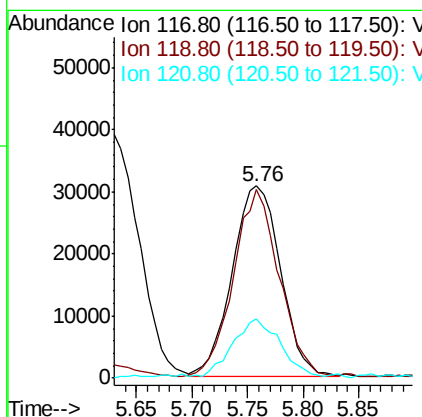
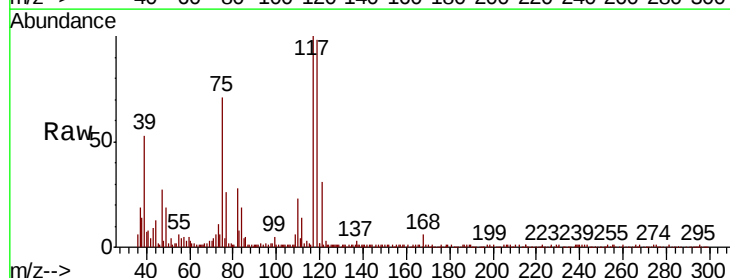
Manual Integrations
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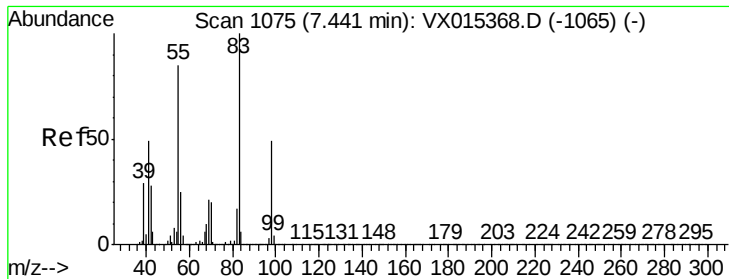
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#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion:	117	Resp:	92707
Ion Ratio	Lower	Upper	
117	100		
119	97.3	78.0	117.0
121	30.2	23.8	35.8





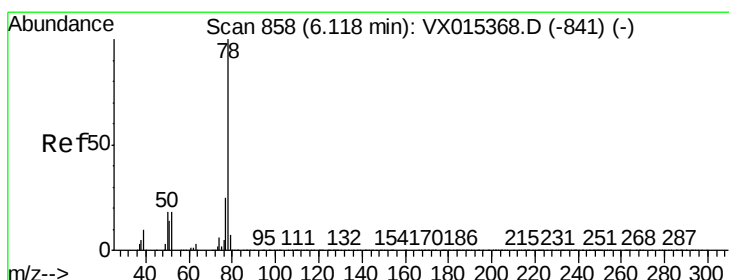
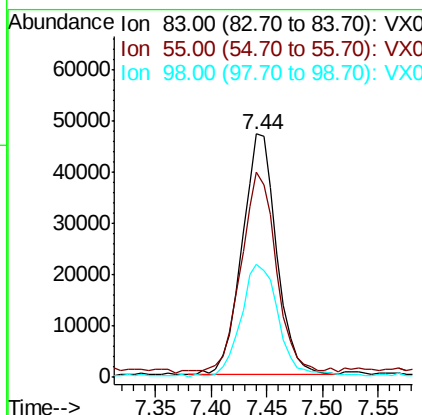
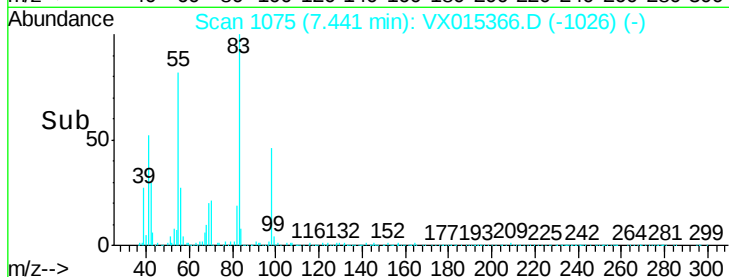
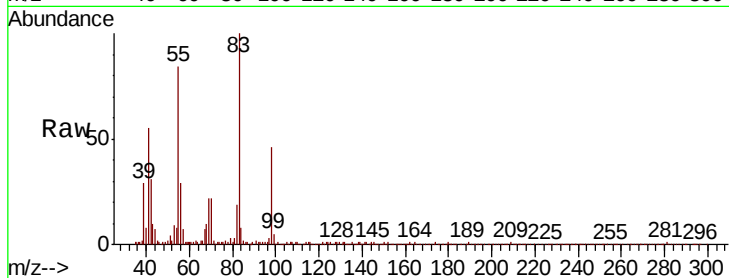
#39
Methvlcvclohexane
Concen: 5.140 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.1	67.8	101.6
98	47.1	39.3	58.9

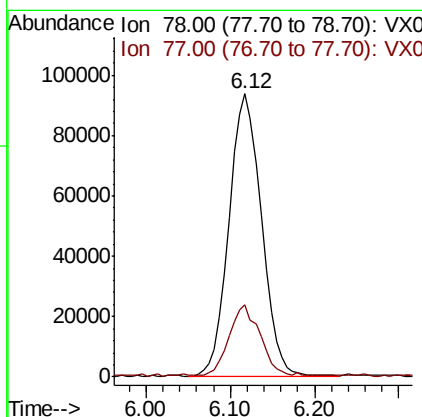
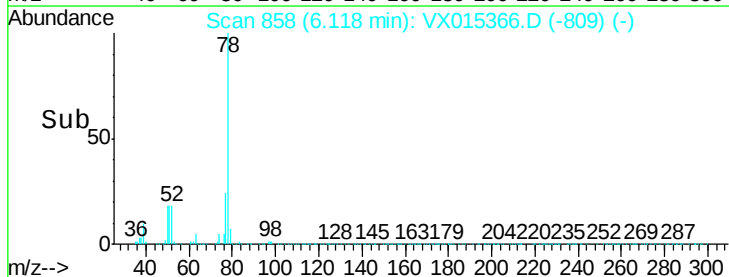
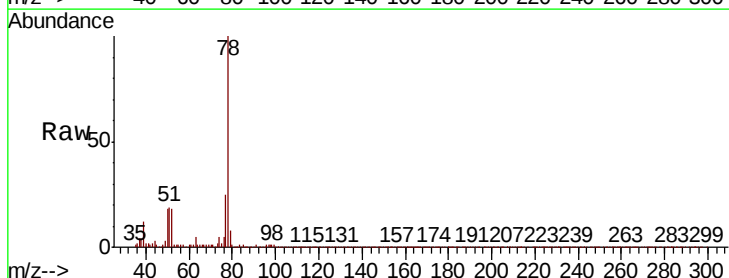
Manual Integrations
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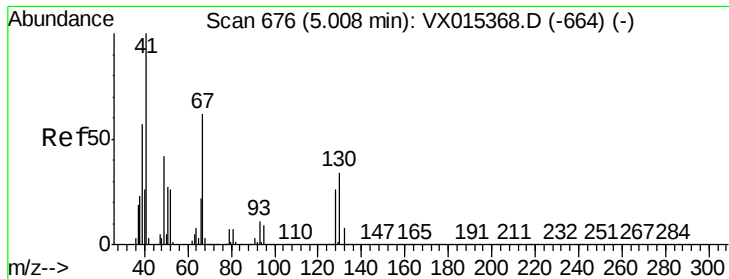
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#40
Benzene
Concen: 4.807 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.8	29.8





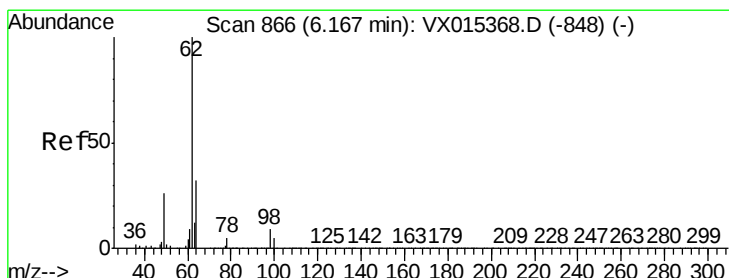
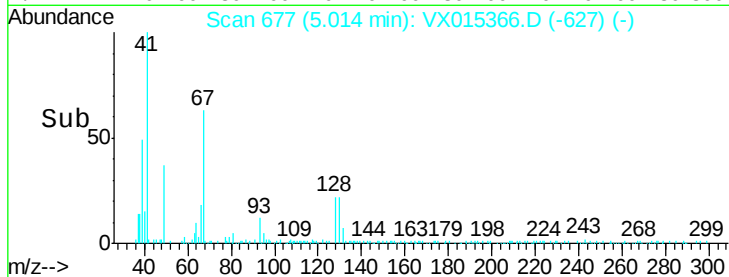
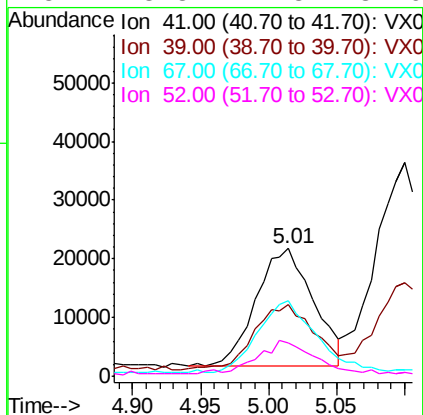
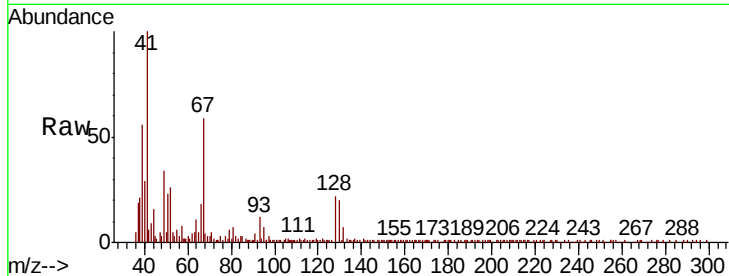
#41
Methacrylonitrile
Concen: 6.467 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.5	66.7
67	62.0	48.9	73.3
52	28.8	21.8	32.6

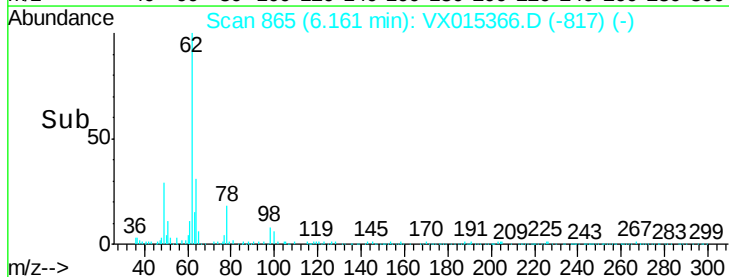
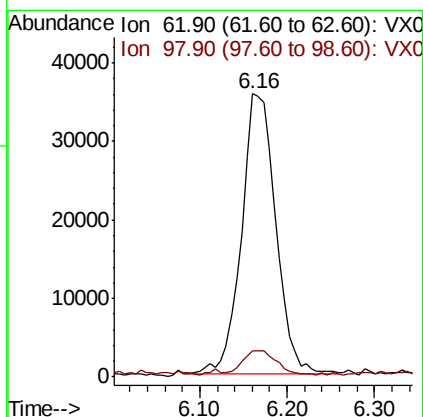
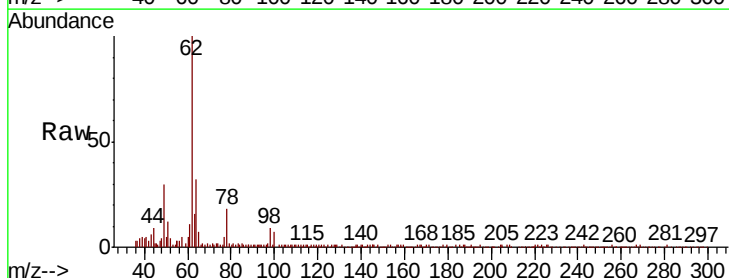
Manual Integrations
APPROVED

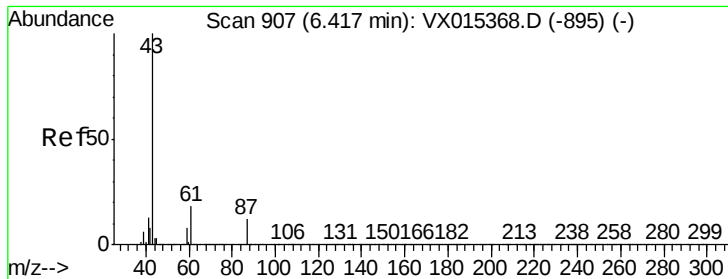
apatel
3/27/2020 5:16:06 PM



#42
1,2-Dichloroethane
Concen: 5.880 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

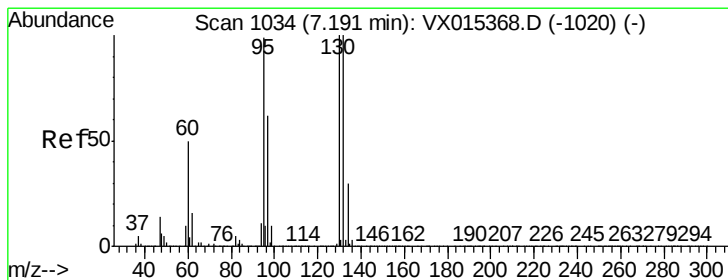
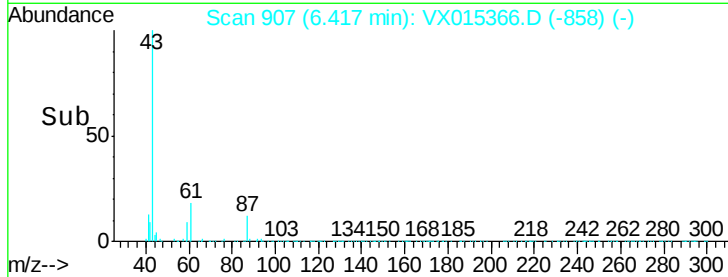
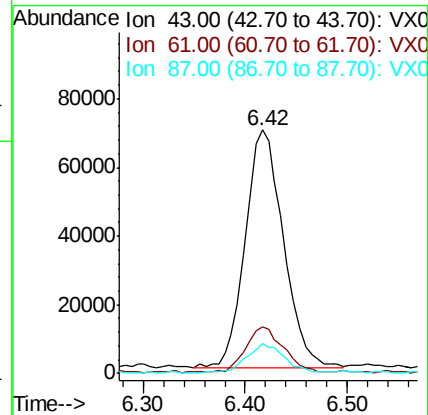
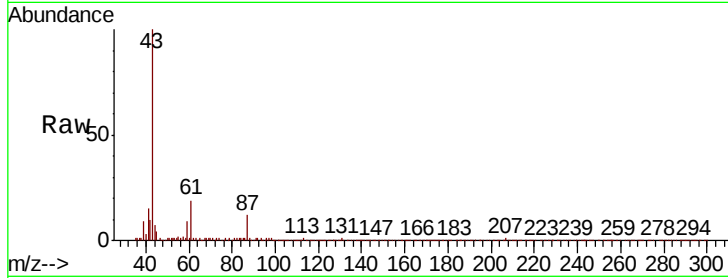
Isopropyl Acetate
 Concen: 6.920 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	43	Resp:	180234
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.8	22.2
87	12.5	9.4	14.0

Manual Integrations
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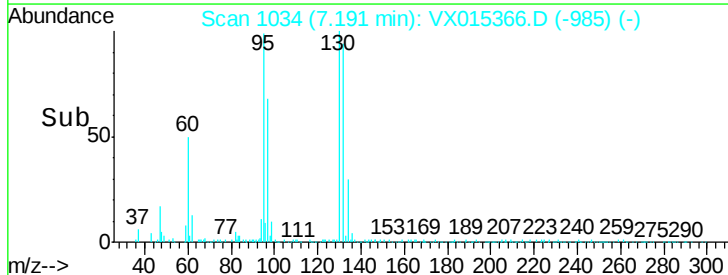
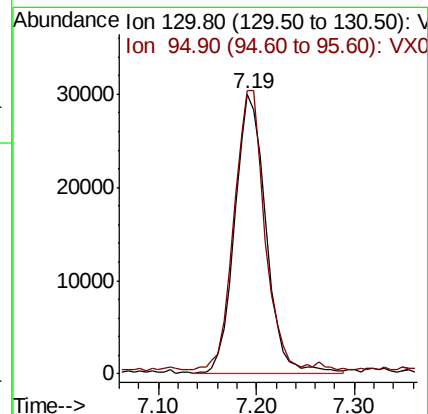
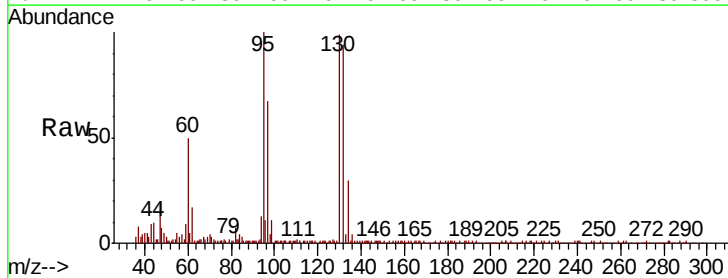
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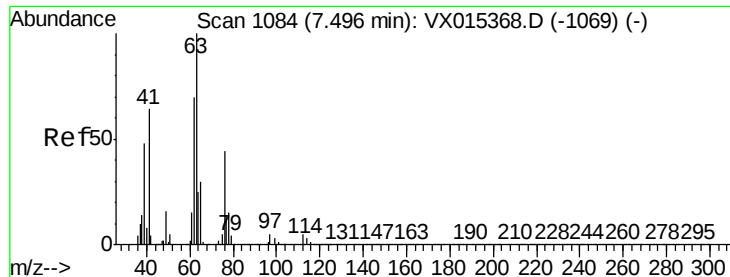


#44

Trichloroethene
 Concen: 4.679 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion:	130	Resp:	65931
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	199.0





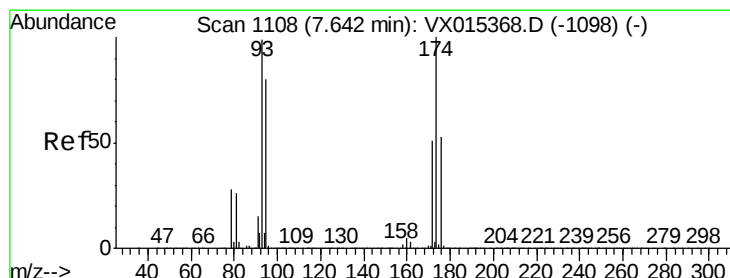
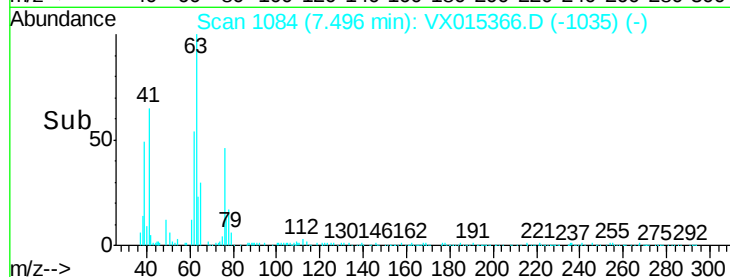
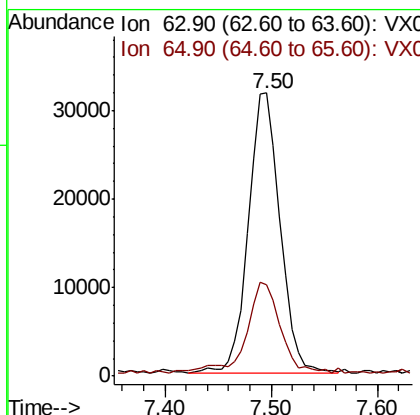
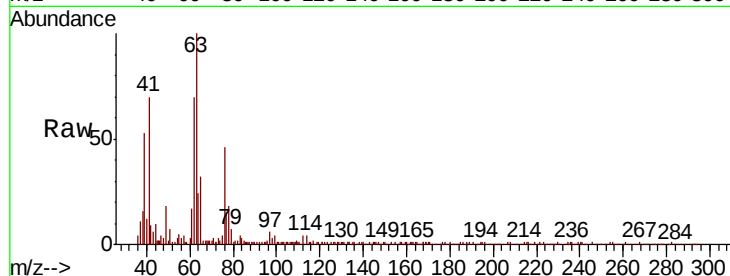
#45
 1,2-Dichloropropane
 Concen: 5.296 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.9	35.9

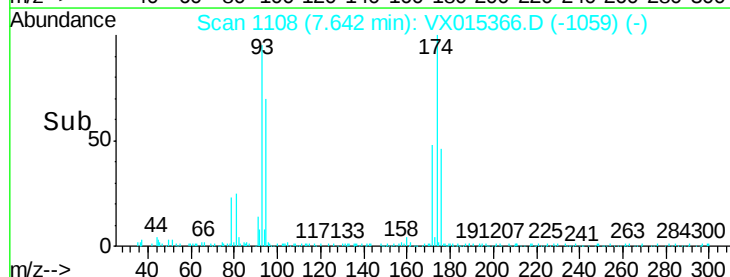
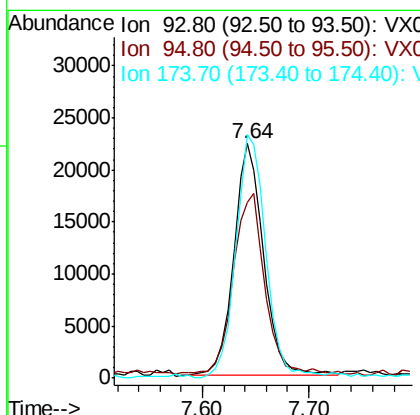
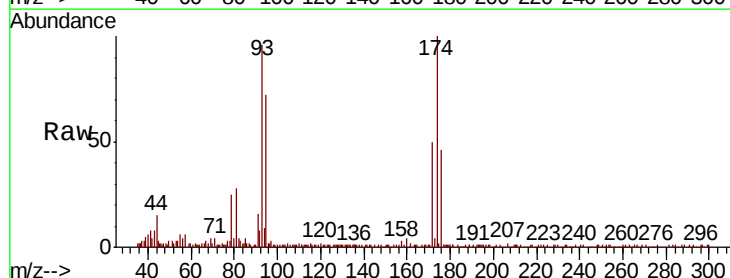
Manual Integrations
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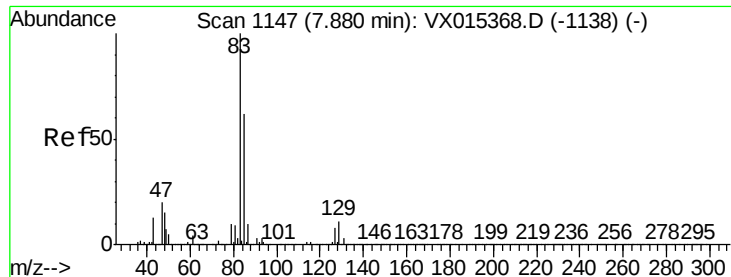
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#46
 Dibromomethane
 Concen: 5.004 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.8	98.8
174	105.5	86.2	129.2





#47

Bromodichloromethane

Concen: 5.624 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

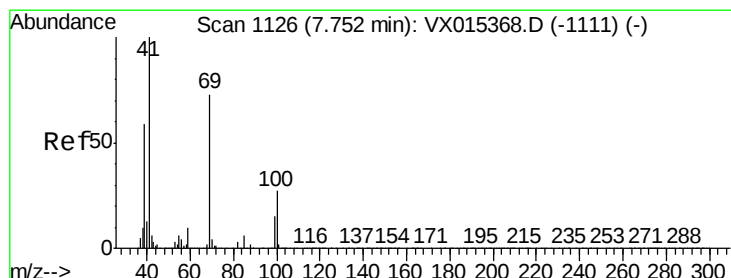
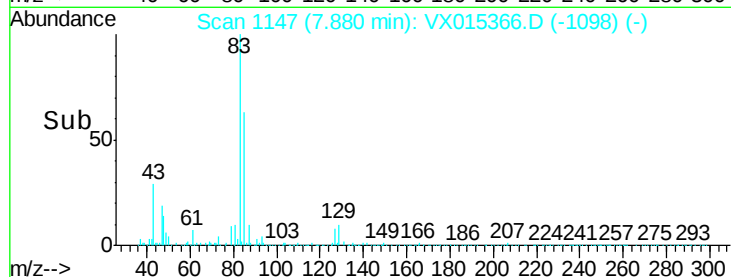
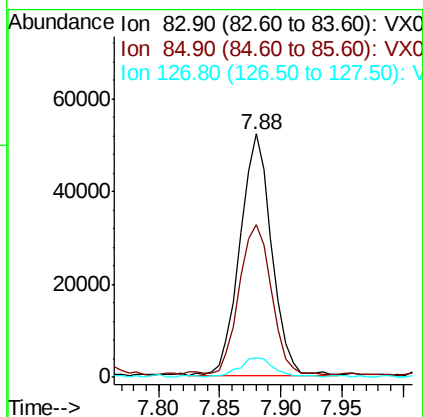
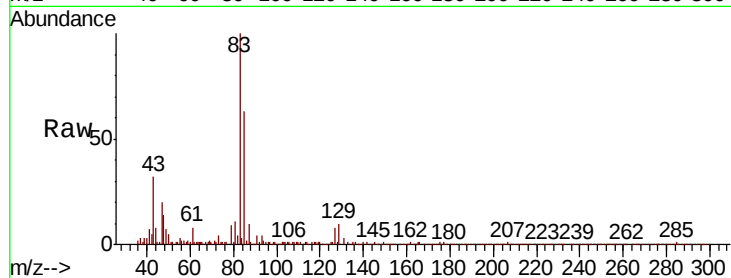
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	93313
Ion Ratio	Lower	Upper	
83	100		
85	62.0	49.7	74.5
127	7.6	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 7.282 ug/l

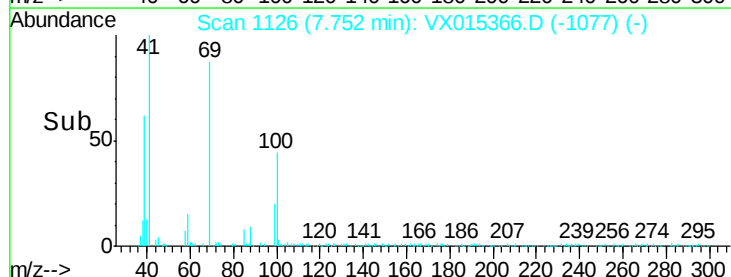
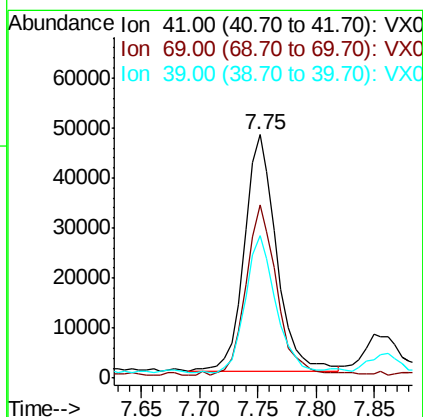
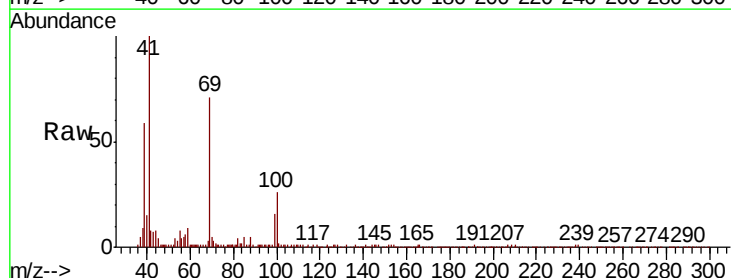
RT: 7.75 min Scan# 1126

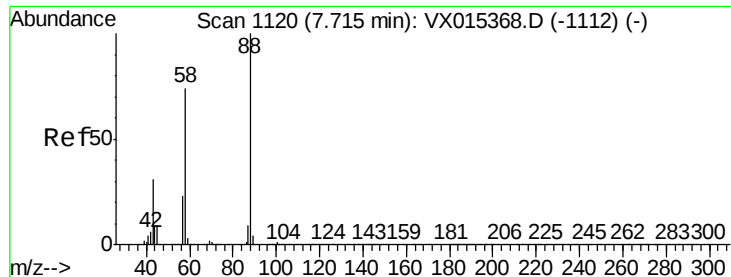
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	41	Resp:	91098
Ion Ratio	Lower	Upper	
41	100		
69	69.4	56.7	85.1
39	55.8	46.5	69.7





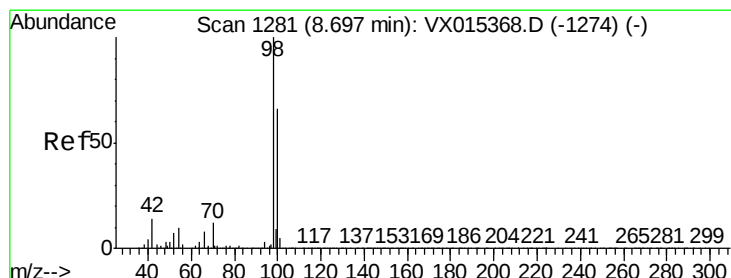
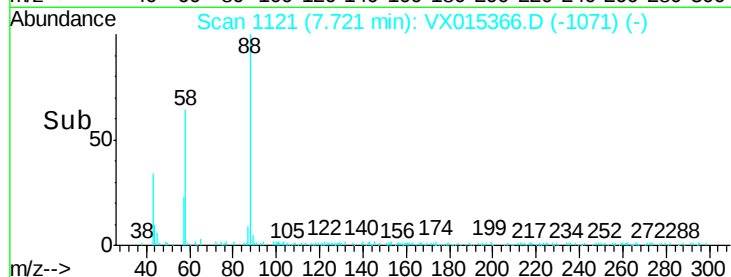
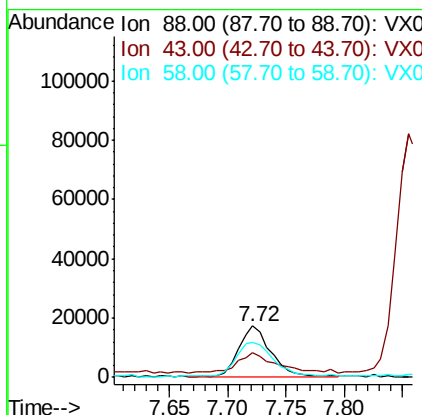
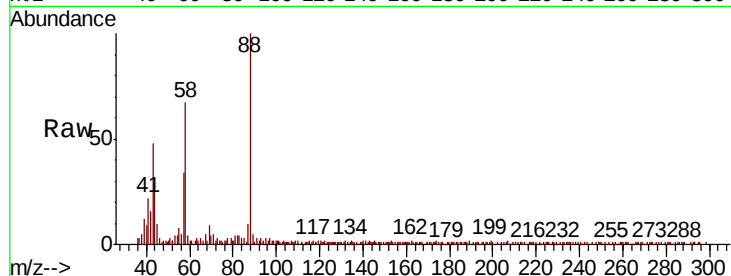
#49
1,4-Dioxane
Concen: 103.819 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	53.4	30.1	45.1#
58	86.5	60.6	90.8

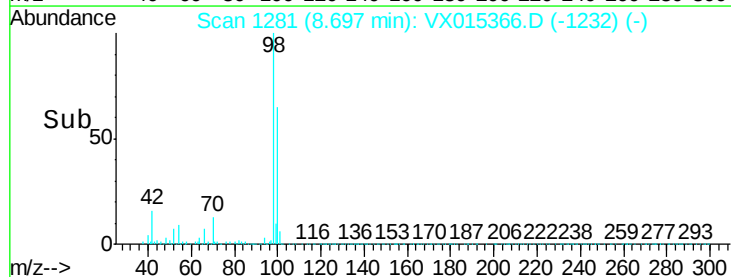
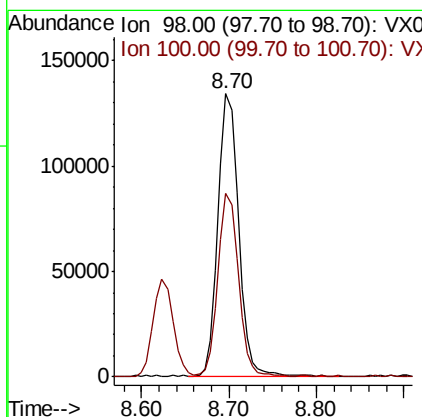
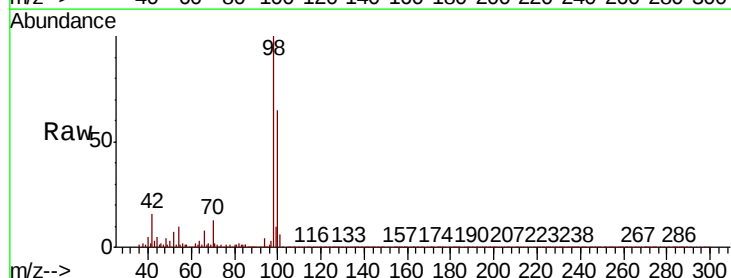
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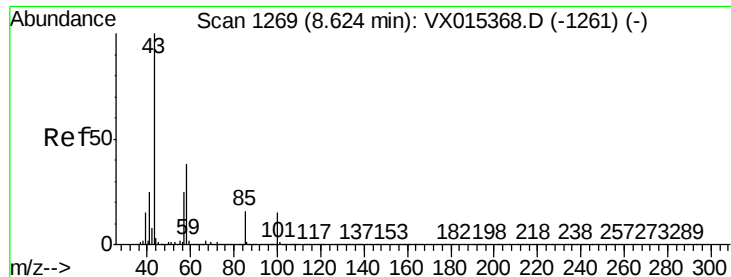
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#50
Toluene-d8
Concen: 5.099 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 33.761 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 531882

Ion Ratio Lower Upper

43 100

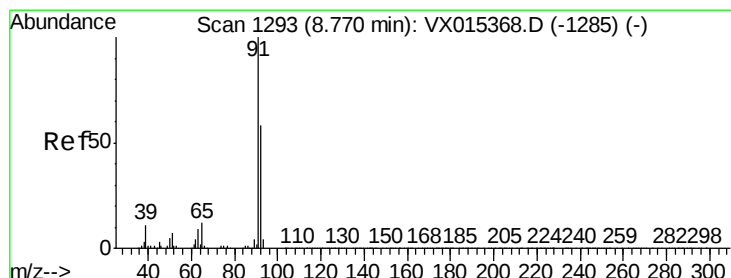
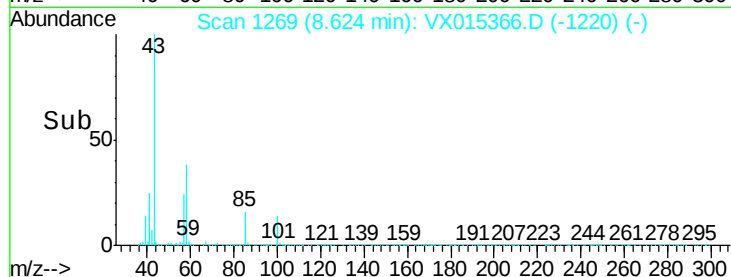
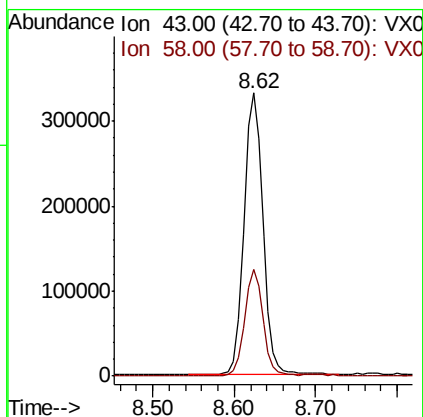
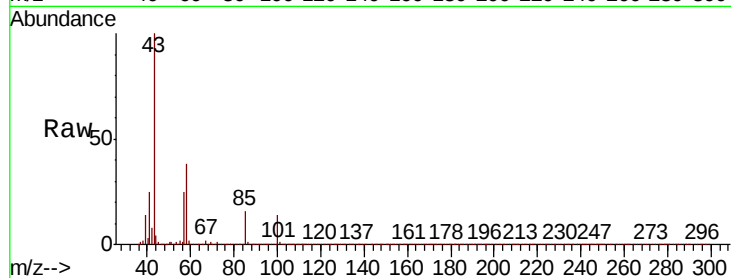
58 36.3 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 4.753 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015366.D

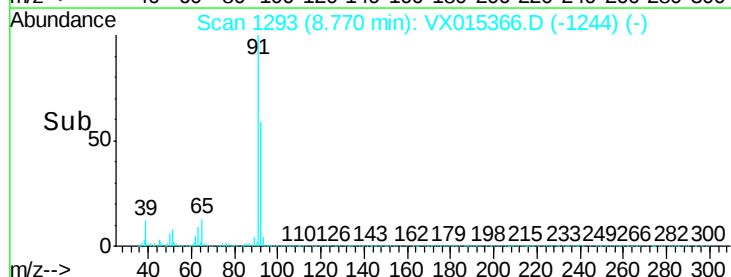
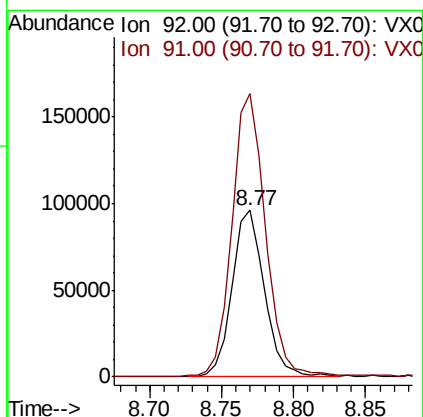
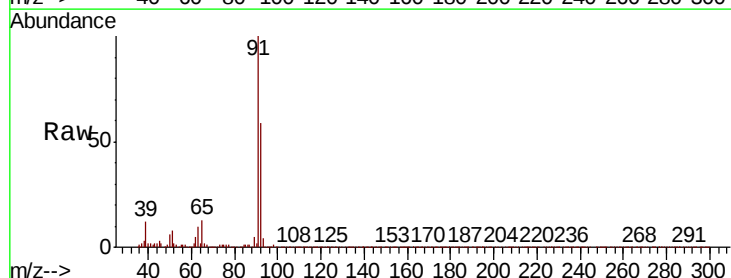
Acq: 26 Mar 2020 19:53

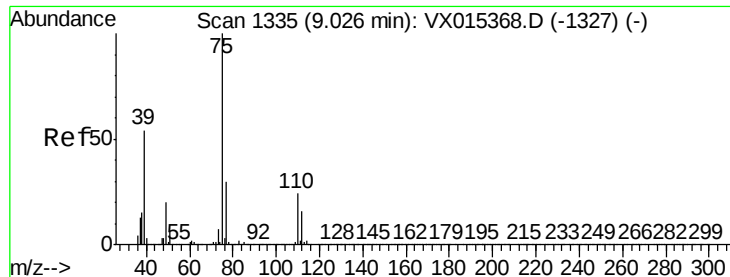
Tgt Ion: 92 Resp: 149830

Ion Ratio Lower Upper

92 100

91 175.7 136.6 205.0





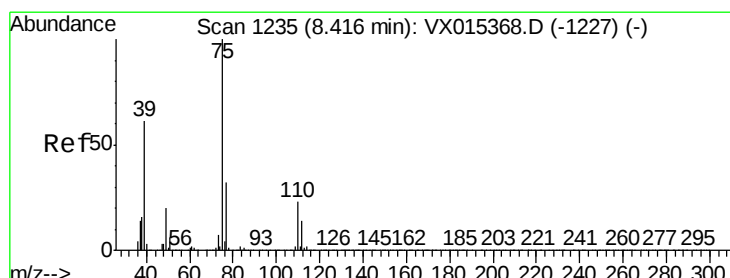
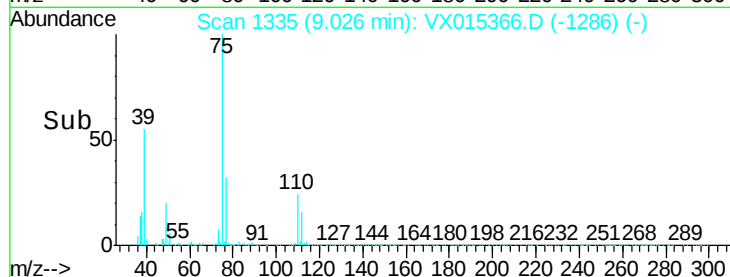
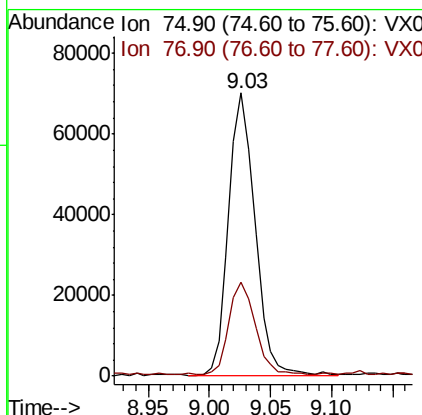
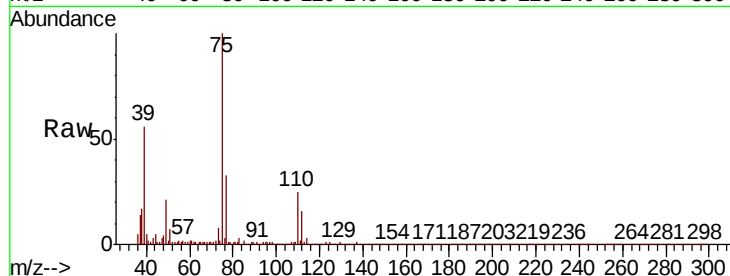
#53
t-1,3-Dichloropropene
Concen: 5.794 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.1	36.1

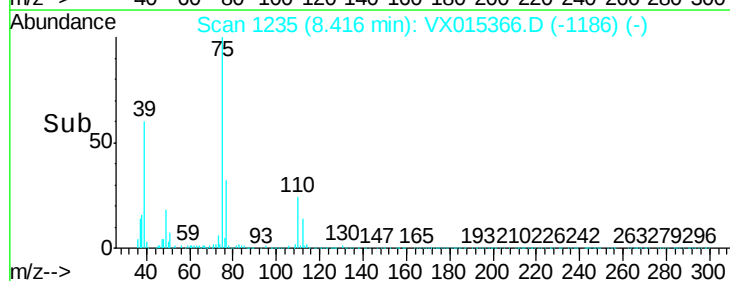
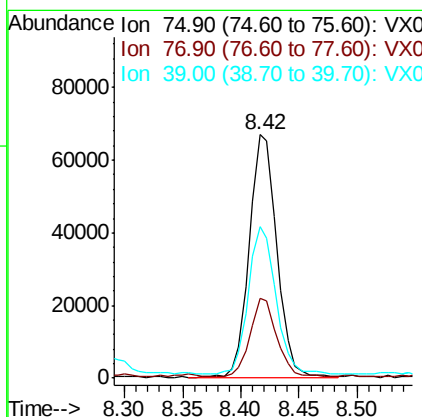
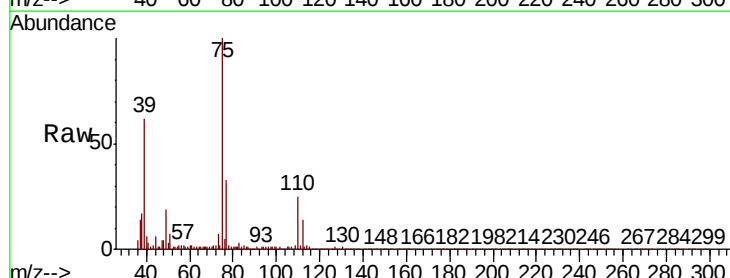
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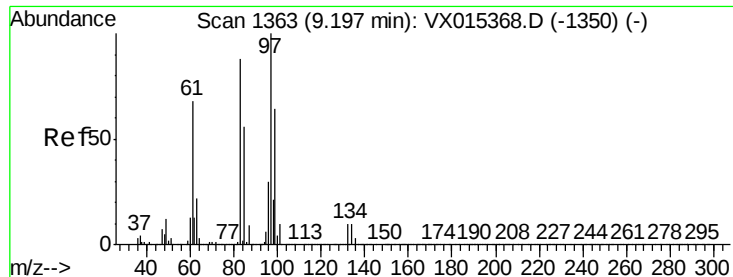
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#54
cis-1,3-Dichloropropene
Concen: 5.616 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	60.5	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 4.536 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

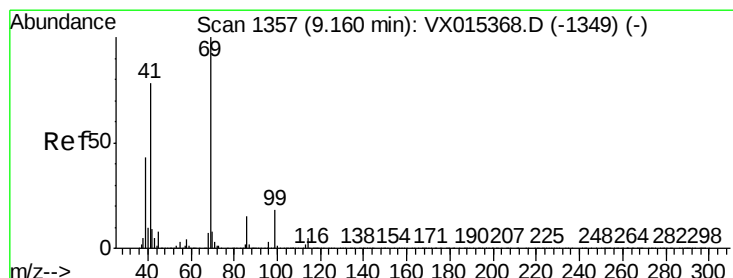
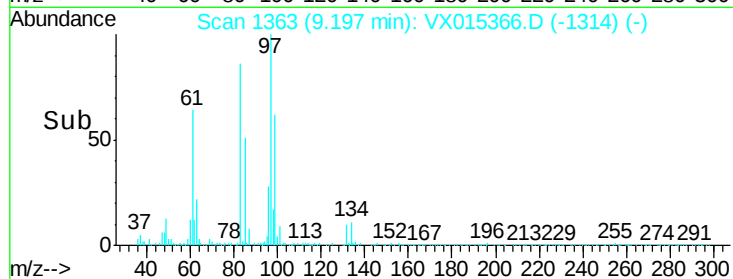
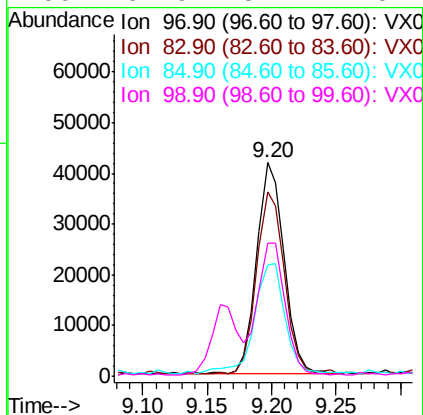
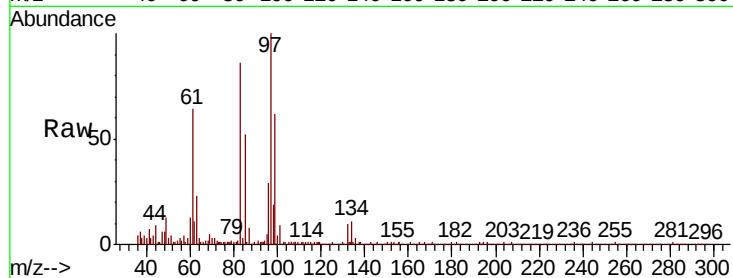
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	61192
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.4
85	50.9	44.7	67.1
99	61.9	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 5.539 ug/l

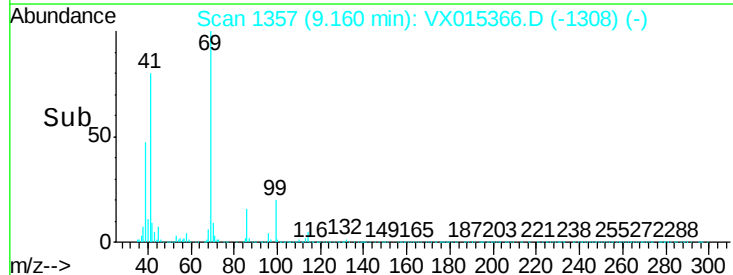
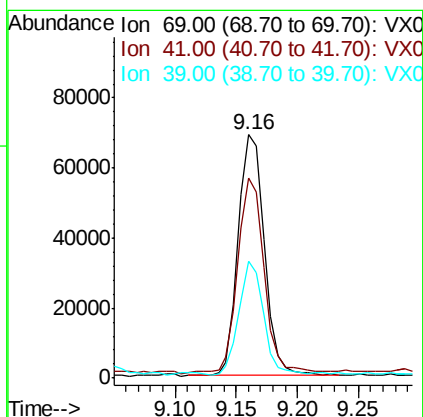
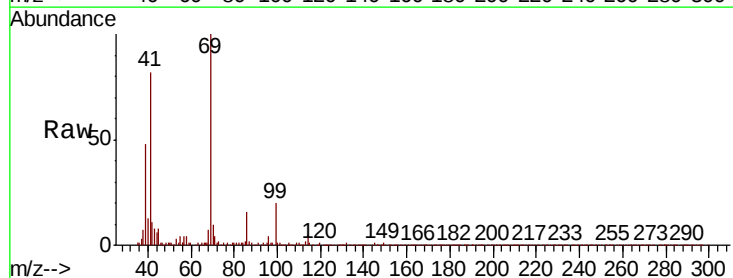
RT: 9.16 min Scan# 1357

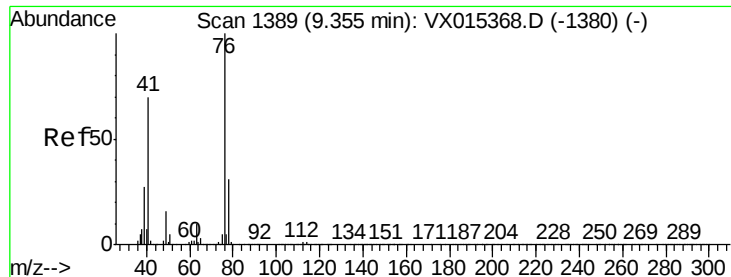
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	69	Resp:	101597
Ion	Ratio	Lower	Upper
69	100		
41	82.6	61.6	92.4
39	44.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 4.864 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 108910

Ion Ratio Lower Upper

76 100

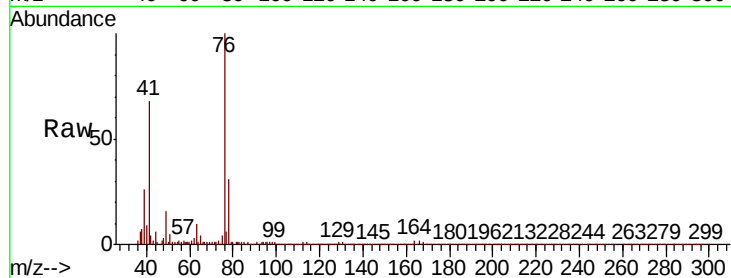
78 32.0 25.8 38.8

Manual Integrations

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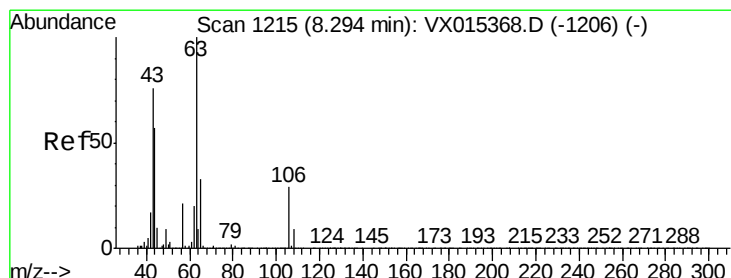
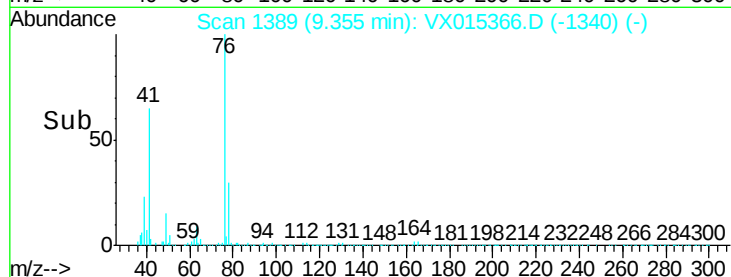
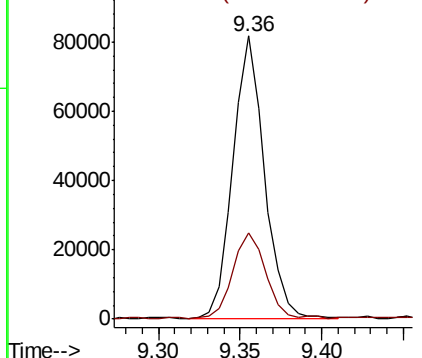
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 26.998 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015366.D

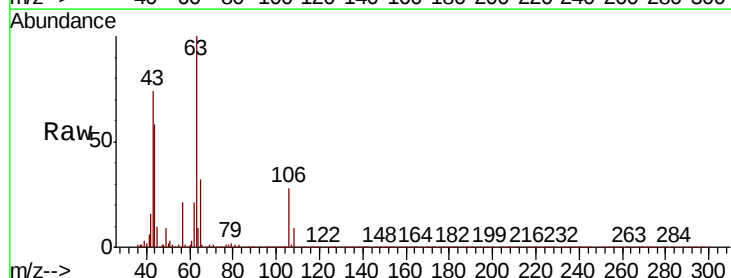
Acq: 26 Mar 2020 19:53

Tgt Ion: 63 Resp: 276751

Ion Ratio Lower Upper

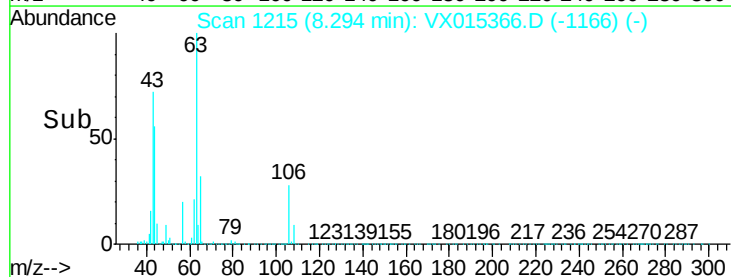
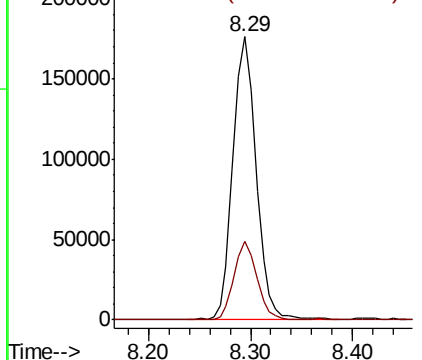
63 100

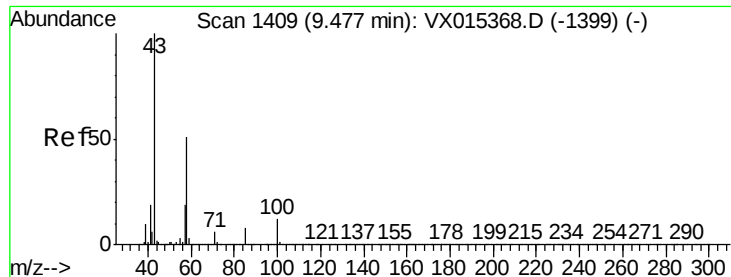
106 27.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





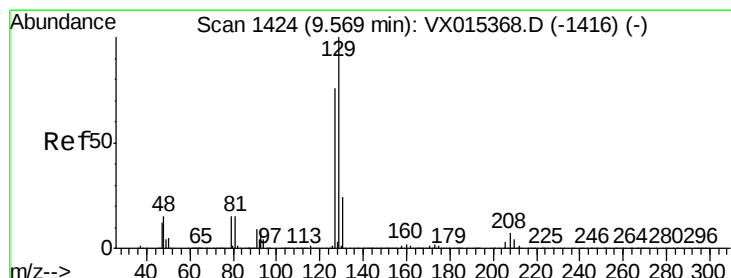
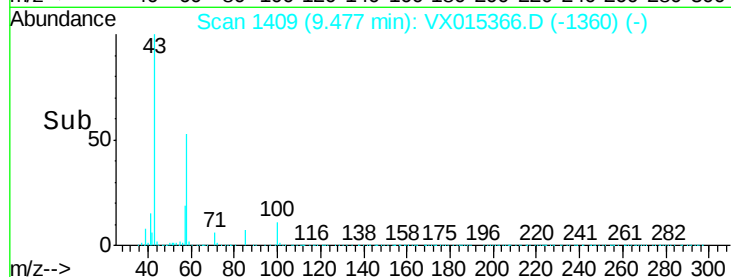
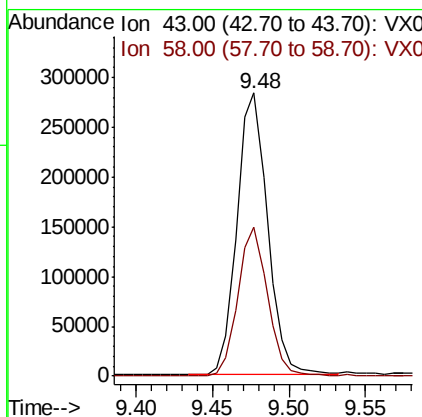
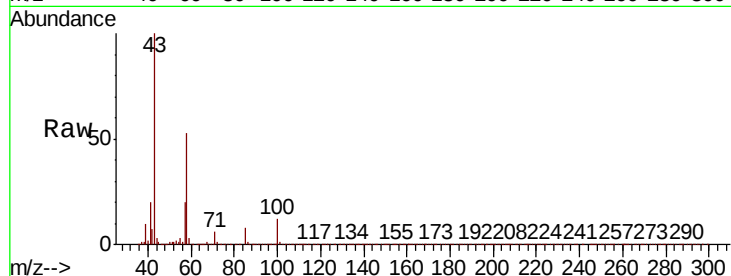
#59
2-Hexanone
Concen: 33.388 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 392600
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6

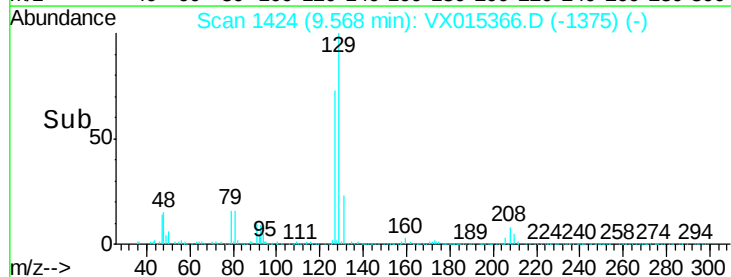
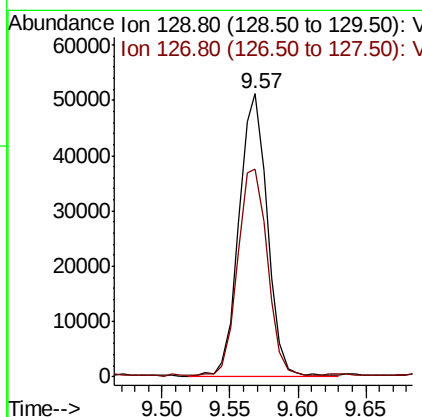
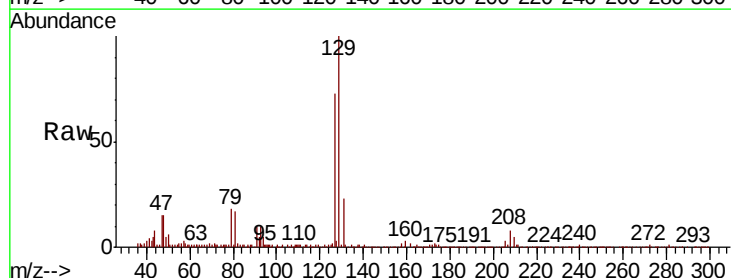
Manual Integrations
APPROVED

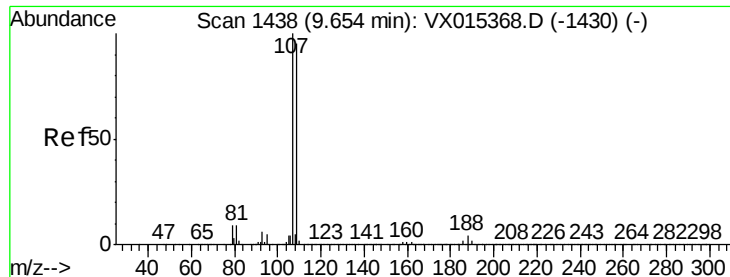
apatel
3/27/2020 5:16:06 PM



#60
Dibromochloromethane
Concen: 5.469 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion: 129 Resp: 74145
Ion Ratio Lower Upper
129 100
127 76.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 4.938 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 68174

Ion Ratio Lower Upper

107 100

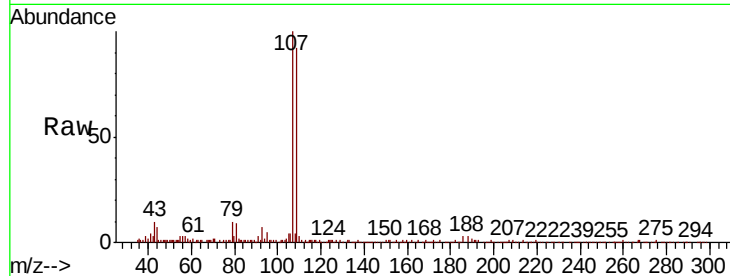
109 90.1 74.8 112.2

Manual Integrations

APPROVED

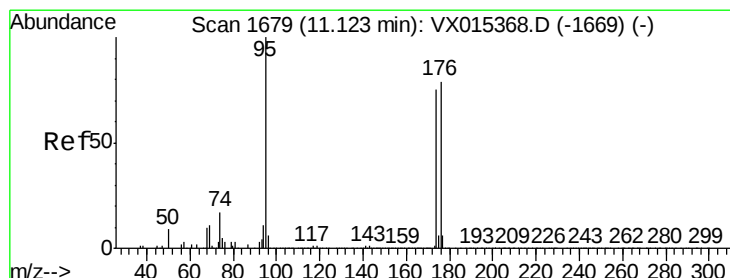
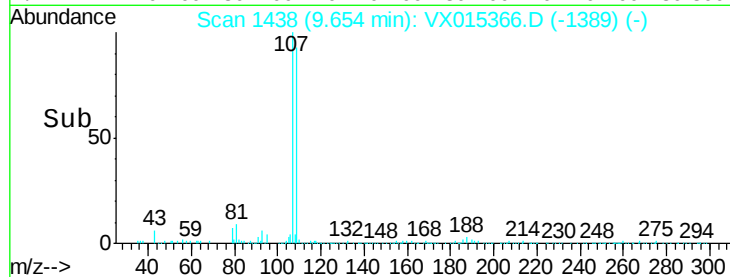
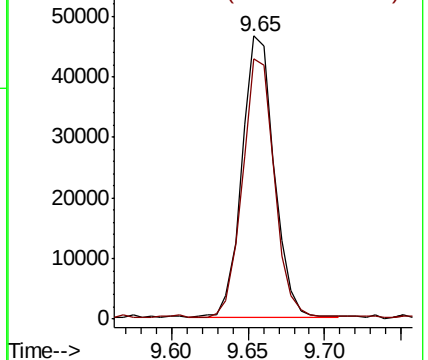
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.140 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

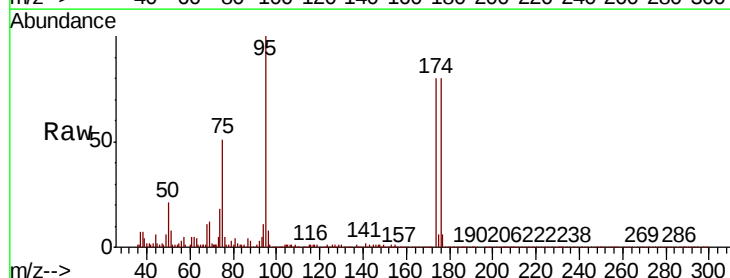
Tgt Ion: 95 Resp: 84992

Ion Ratio Lower Upper

95 100

174 82.3 0.0 158.6

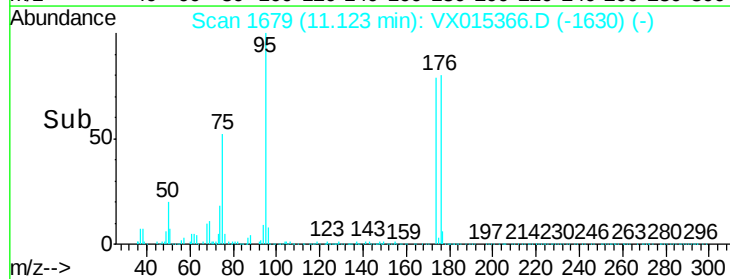
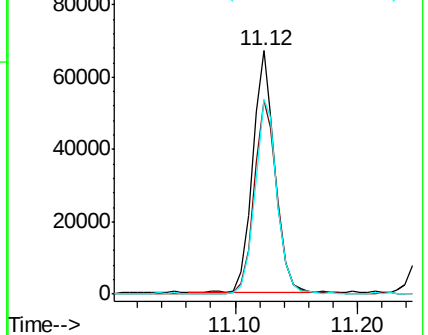
176 79.7 0.0 159.0

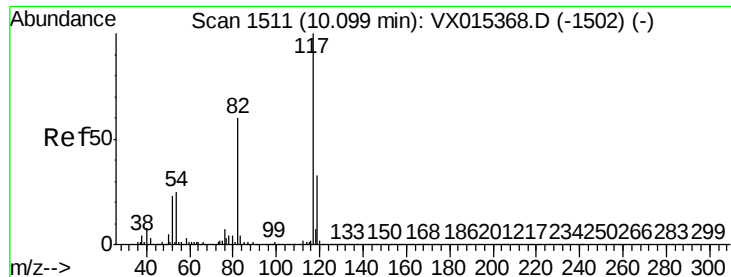


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





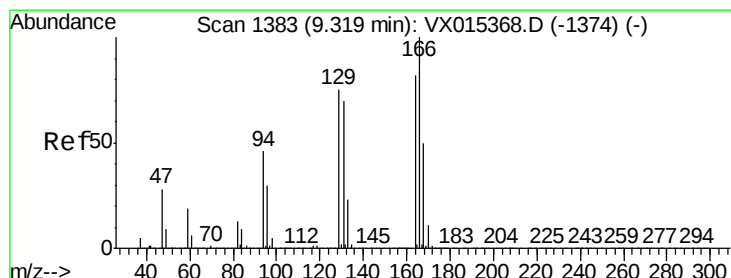
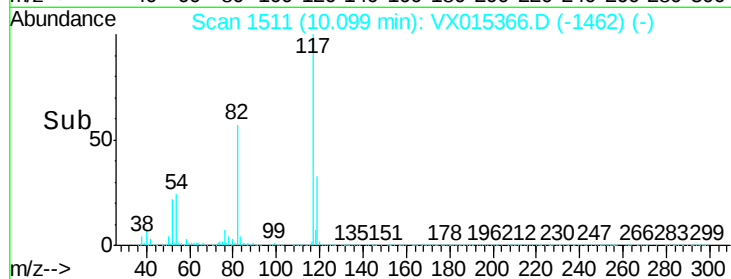
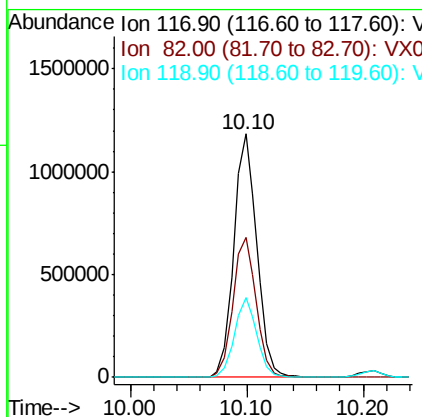
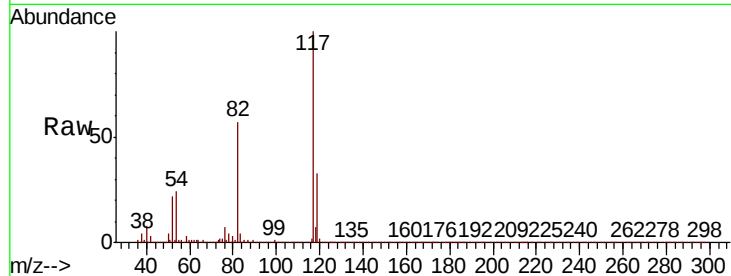
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.8
119	32.8	26.8	40.2

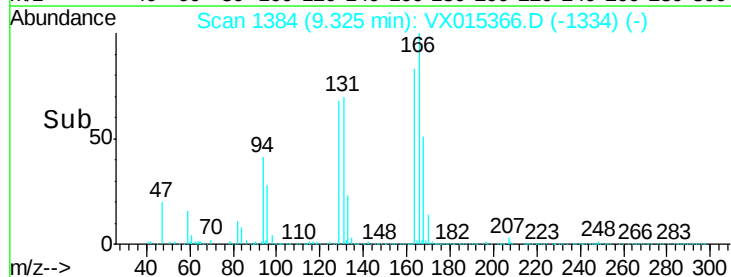
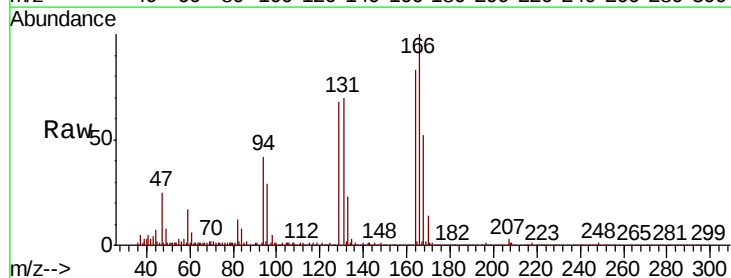
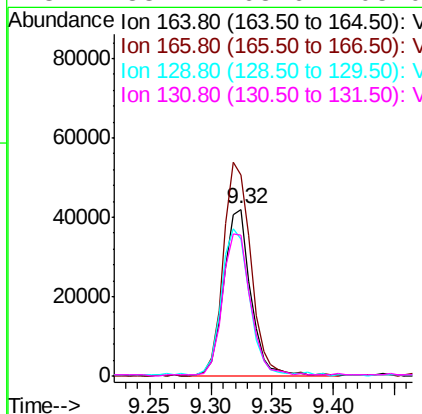
Manual Integrations
APPROVED

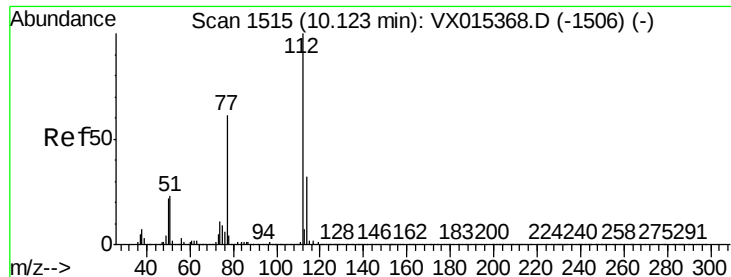
apatel
3/27/2020 5:16:06 PM



#64
Tetrachloroethene
Concen: 5.433 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.3	97.8	146.6
129	81.6	73.0	109.4
131	83.1	68.6	103.0





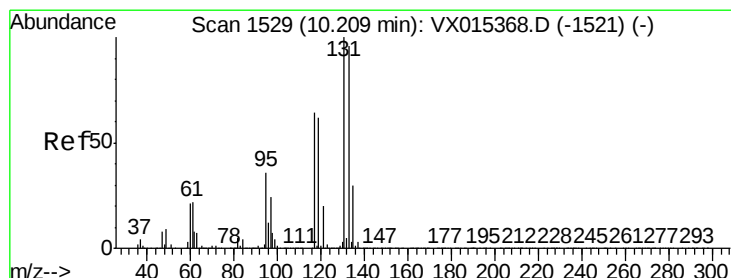
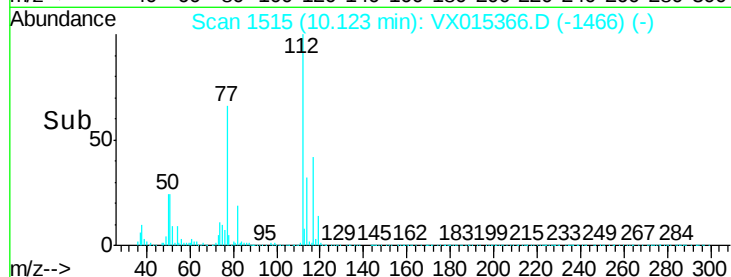
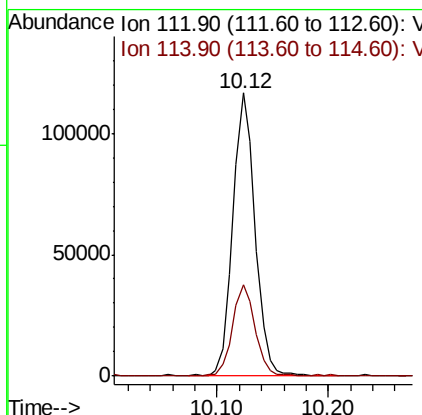
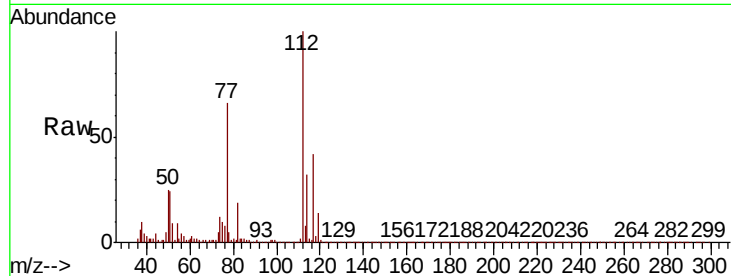
#65
Chlorobenzene
Concen: 4.741 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3

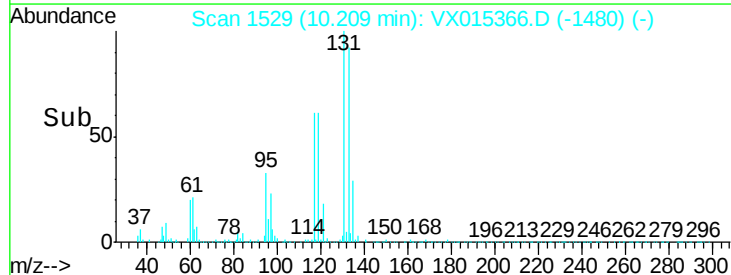
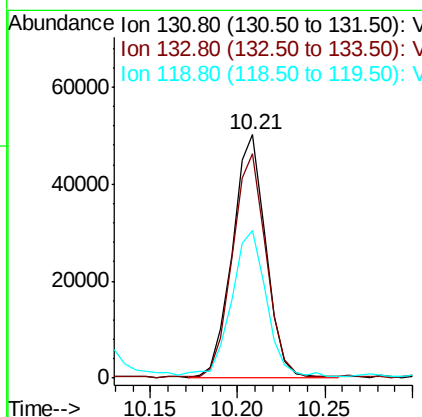
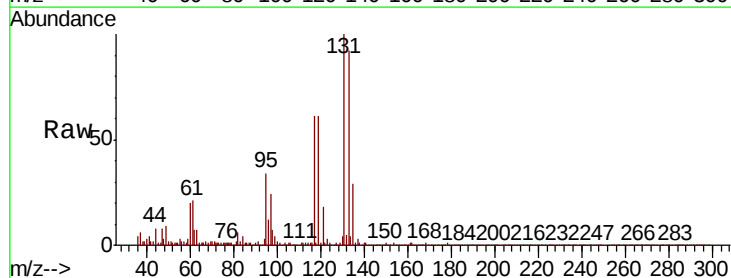
Manual Integrations
APPROVED

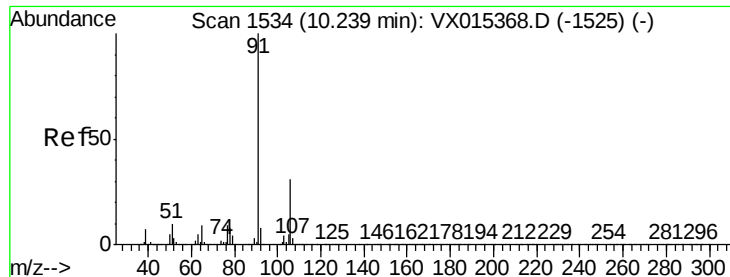
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.300 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	47.6	142.9
119	62.7	31.1	93.3





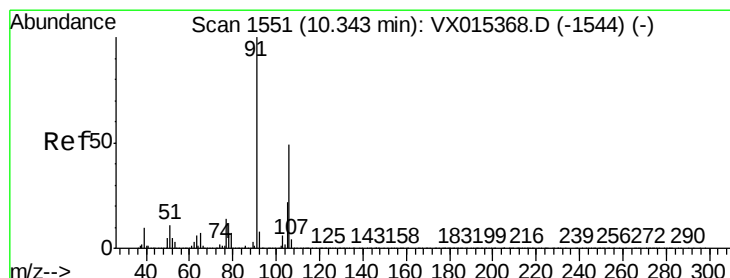
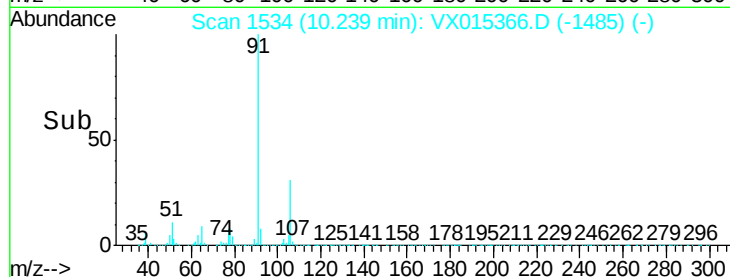
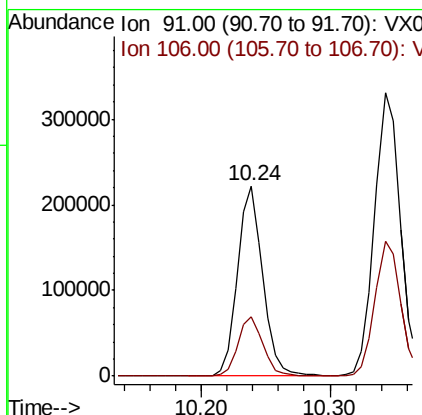
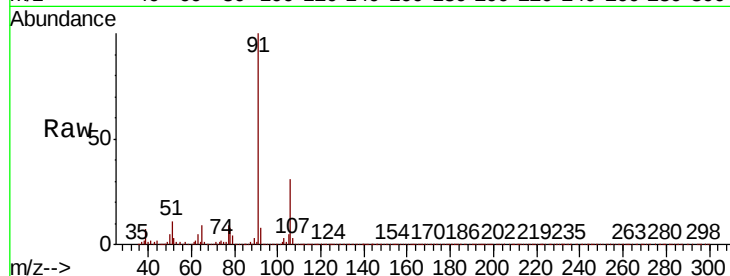
#67
Ethyl Benzene
Concen: 5.211 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.8	37.2

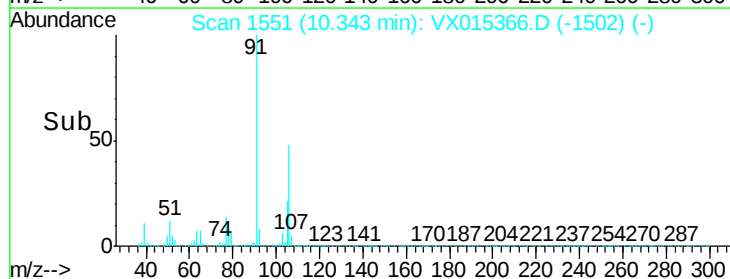
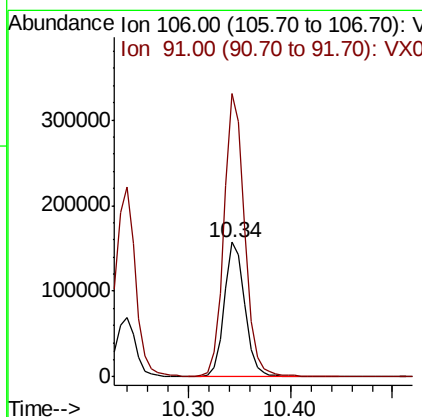
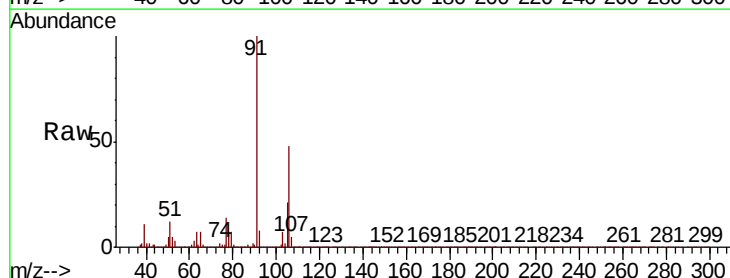
Manual Integrations
APPROVED

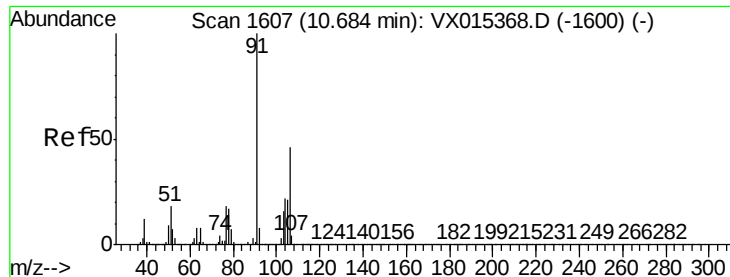
apatel
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#68
m/p-Xylenes
Concen: 10.076 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.8	163.4	245.0





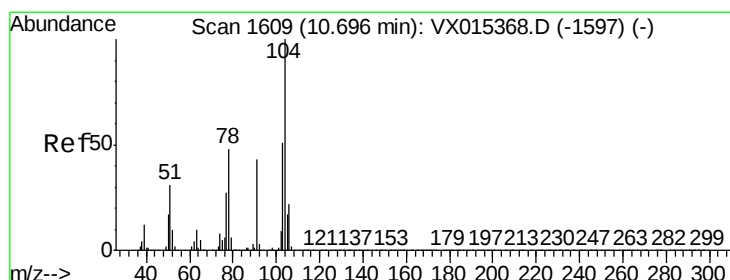
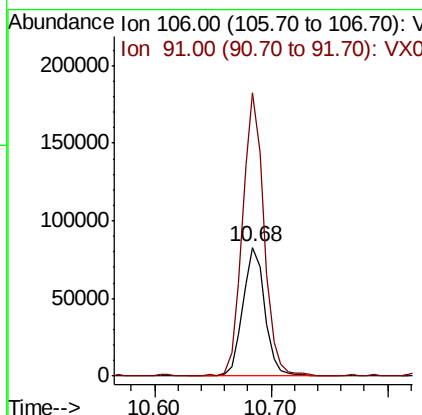
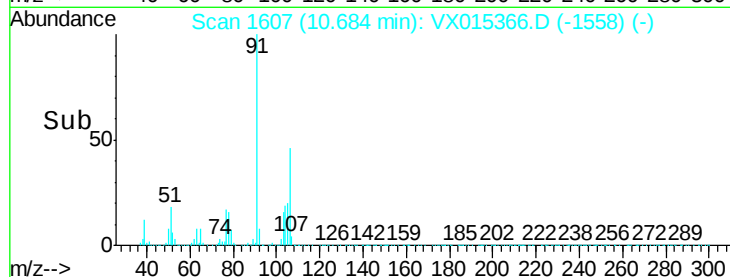
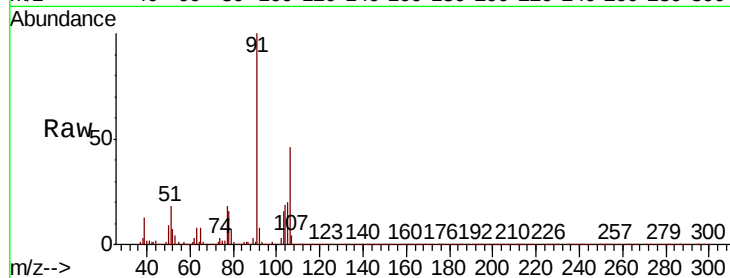
#69
o-Xylene
Concen: 5.150 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	107.1	321.3

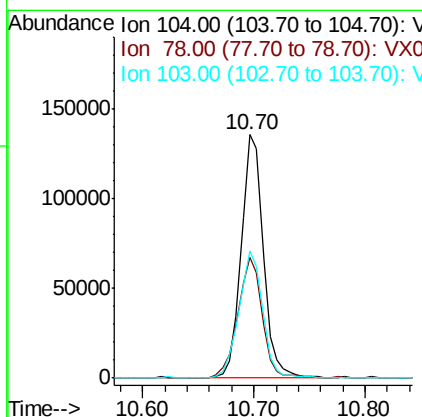
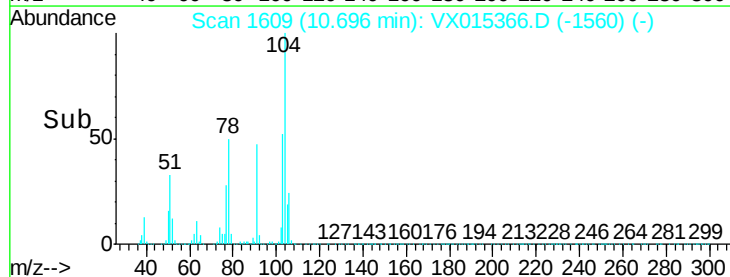
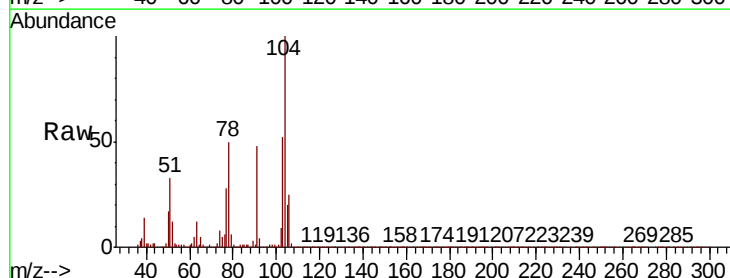
Manual Integrations
APPROVED

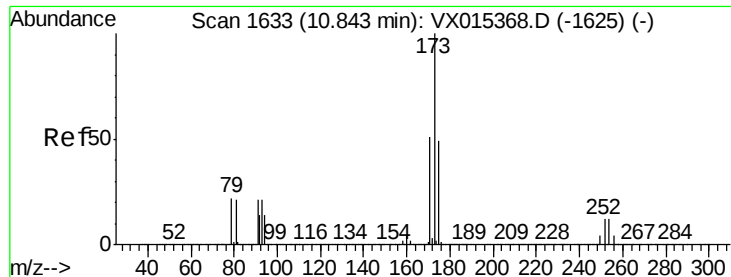
apatel
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#70
Styrene
Concen: 5.261 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.3	42.0	63.0
103	56.5	43.4	65.0





#71

Bromoform

Concen: 6.202 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

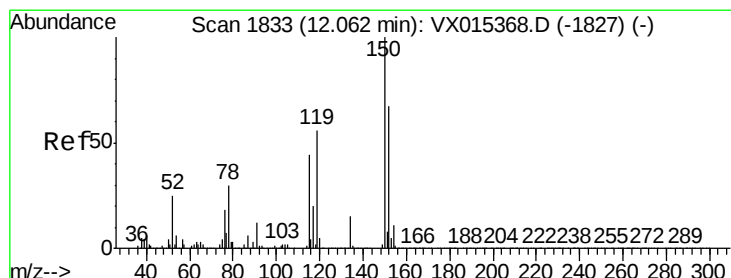
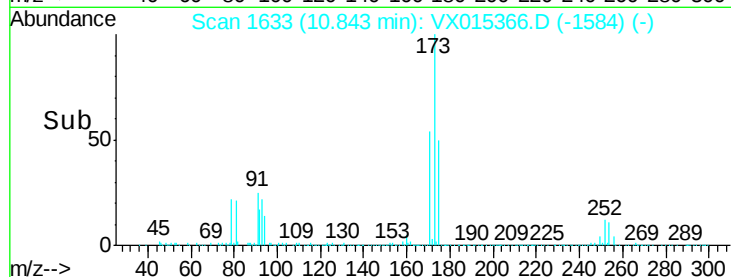
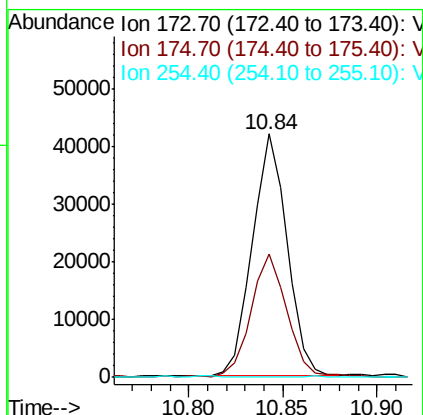
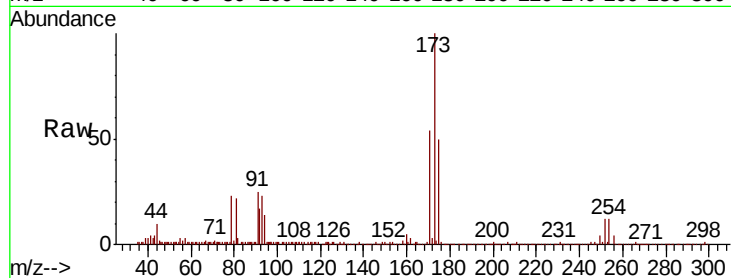
ClientSampled :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	53.6	23.9	71.7
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

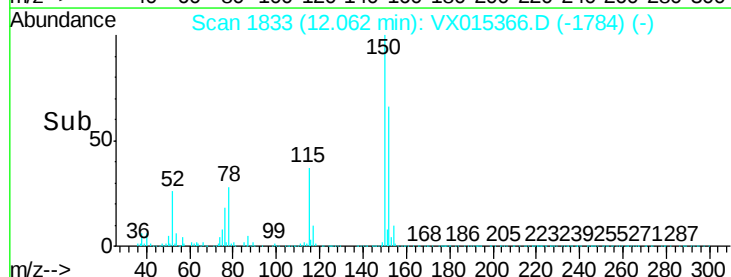
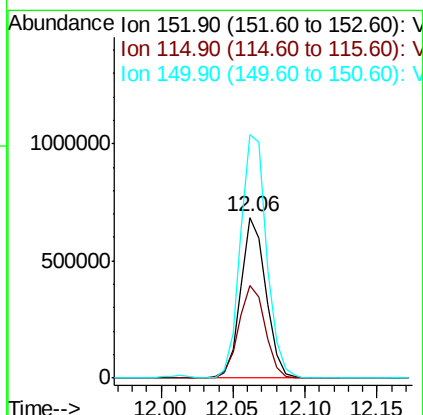
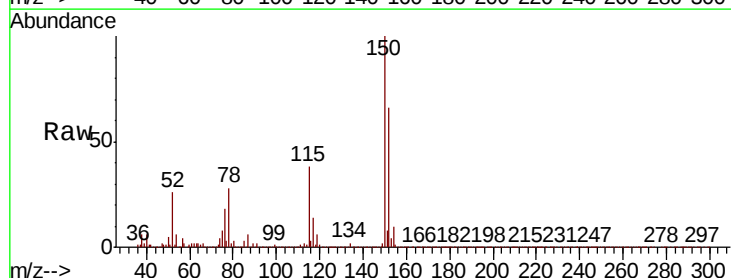
RT: 12.06 min Scan# 1833

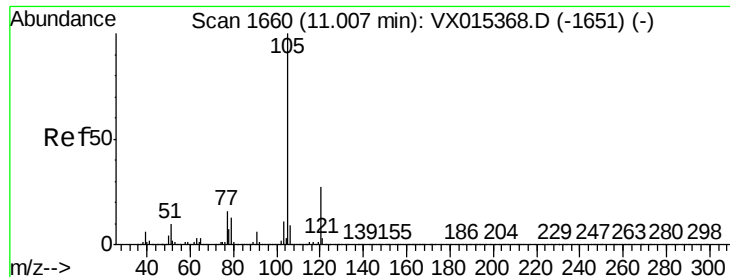
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	39.0	116.9
150	158.9	0.0	340.8





#73

Isopropylbenzene

Concen: 4.841 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 290598

Ion Ratio Lower Upper

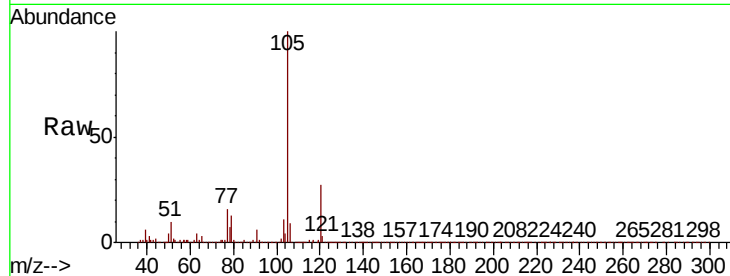
105 100

120 26.9 13.2 39.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

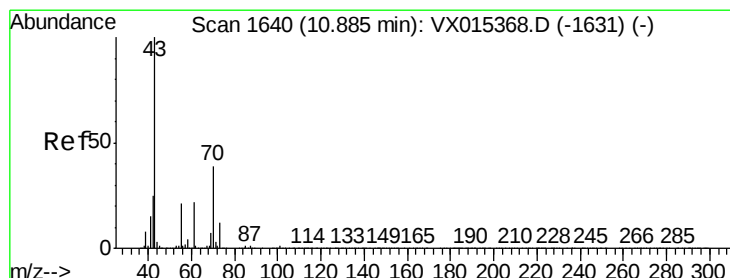
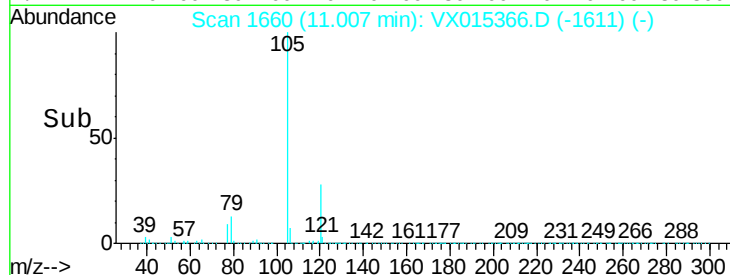
50000

0

11.01

10.90

Time-->



#74

N-ethyl acetate

Concen: 6.884 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion: 43 Resp: 156725

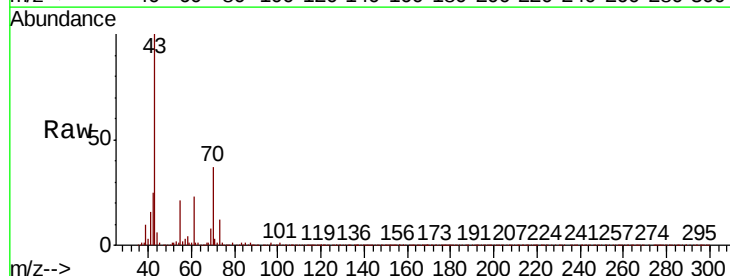
Ion Ratio Lower Upper

43 100

70 36.8 30.2 45.4

55 21.0 16.8 25.2

61 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

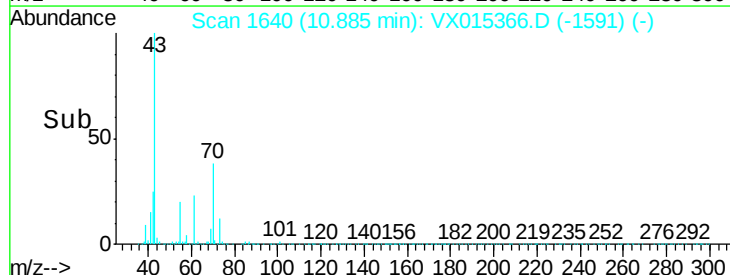
50000

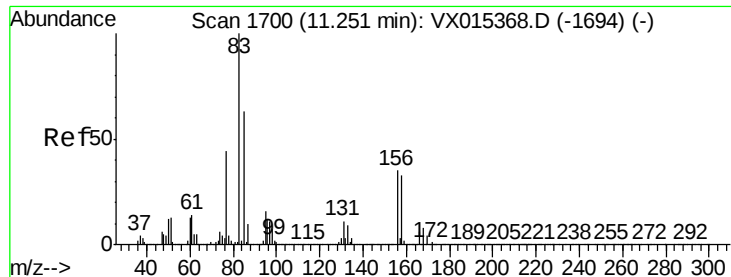
0

10.89

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.084 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

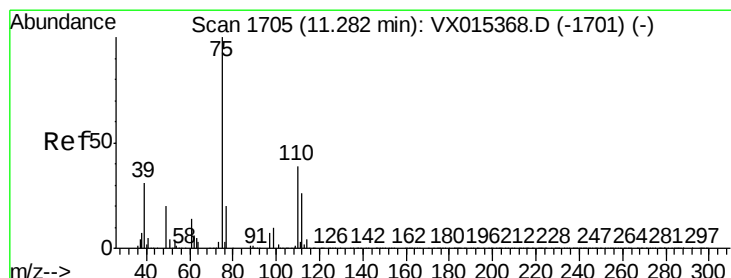
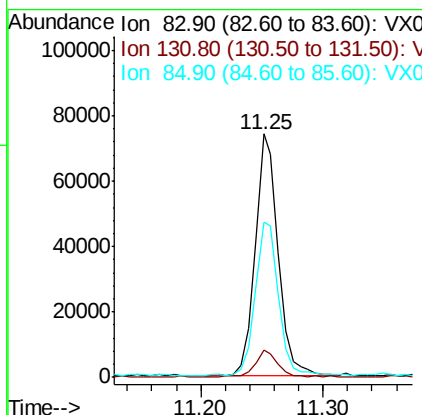
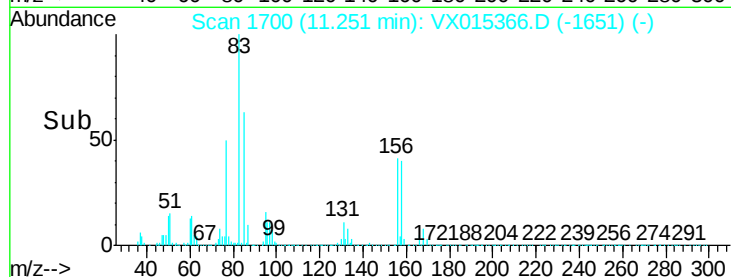
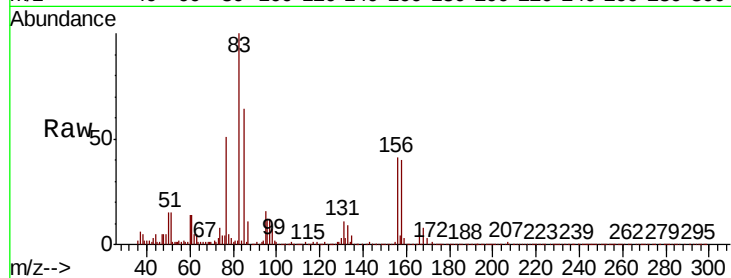
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.2	5.3	16.1	
85	64.7	32.0	96.0	

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#76

1,2,3-Trichloropropane

Concen: 5.084 ug/l m

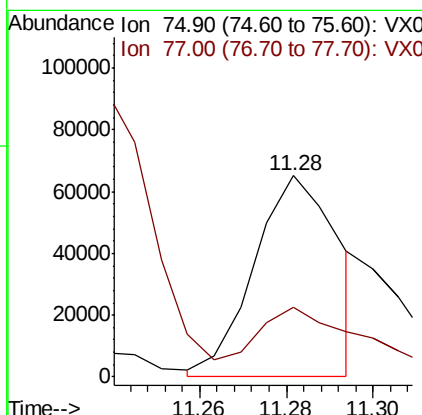
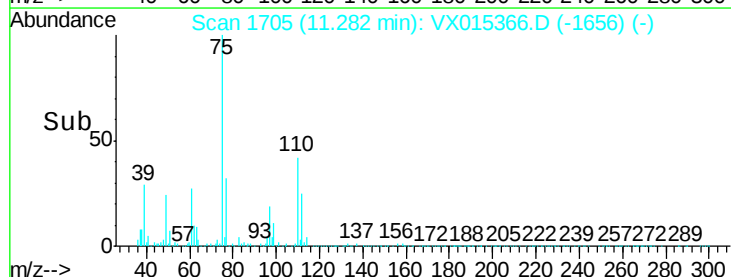
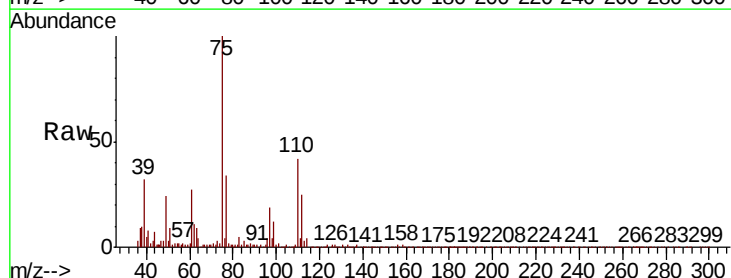
RT: 11.28 min Scan# 1705

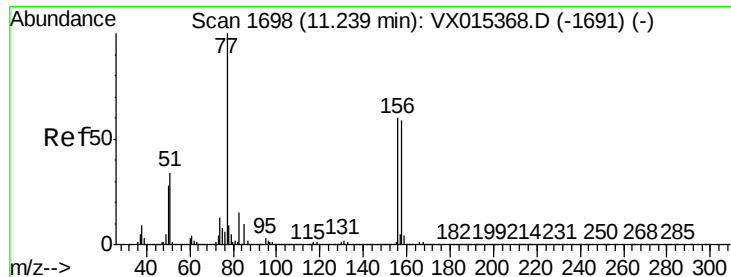
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	42.9	21.2	63.6	





#77

Bromobenzene

Concen: 5.269 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

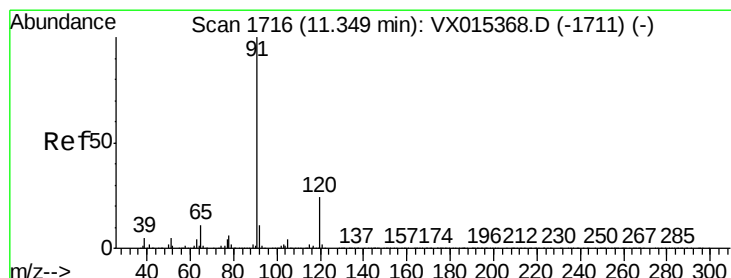
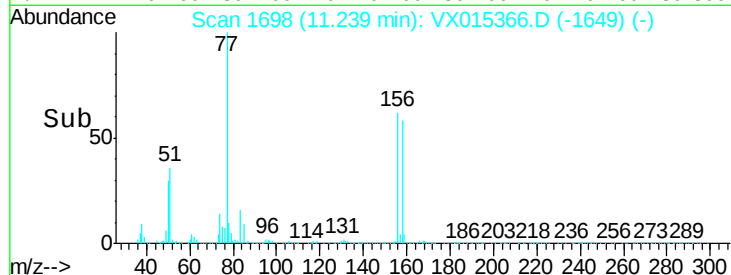
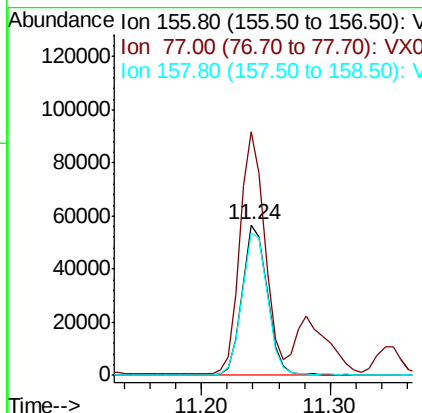
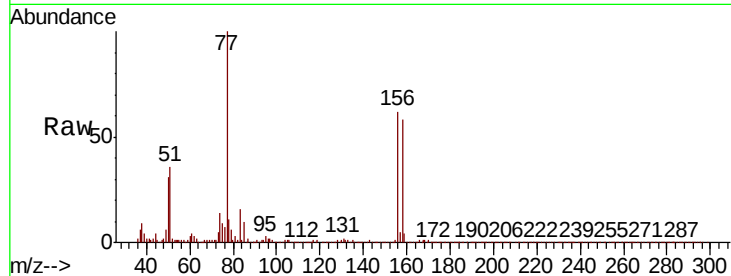
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	75839
Ion Ratio	Lower	Upper	
156	100		
77	160.7	82.2	246.5
158	97.7	49.3	147.9

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#78

n-propylbenzene

Concen: 4.913 ug/l

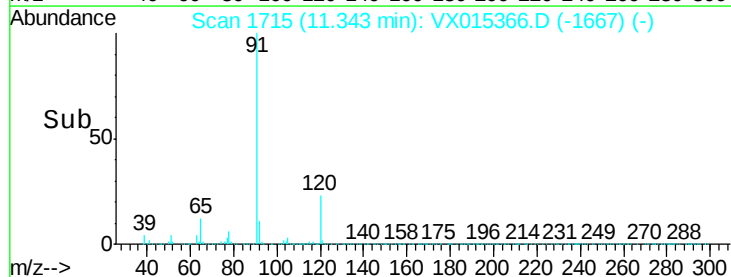
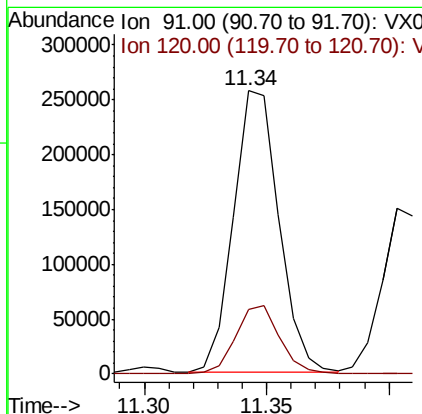
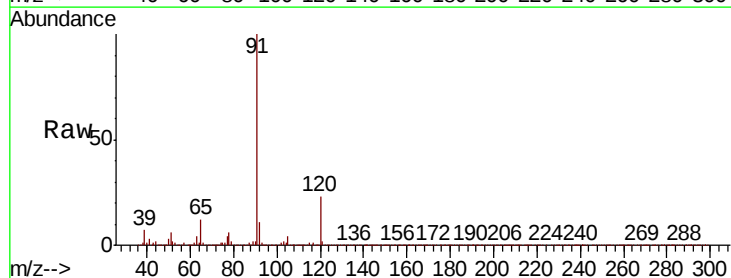
RT: 11.34 min Scan# 1715

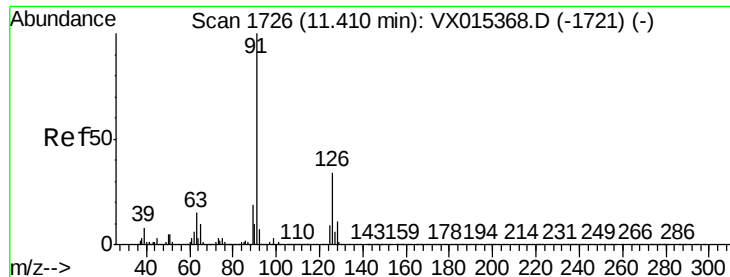
Delta R.T. -0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	91	Resp:	331273
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





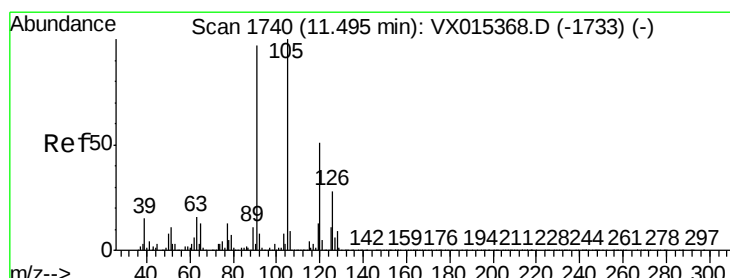
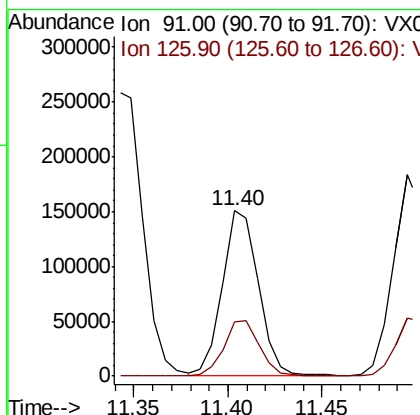
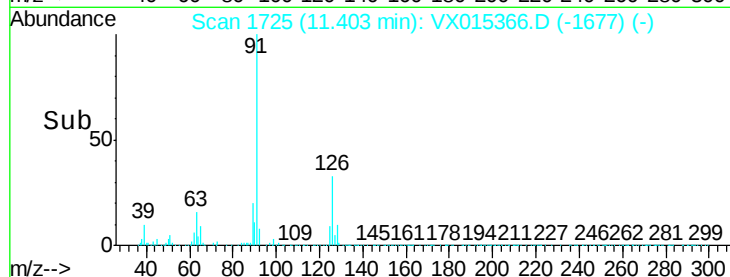
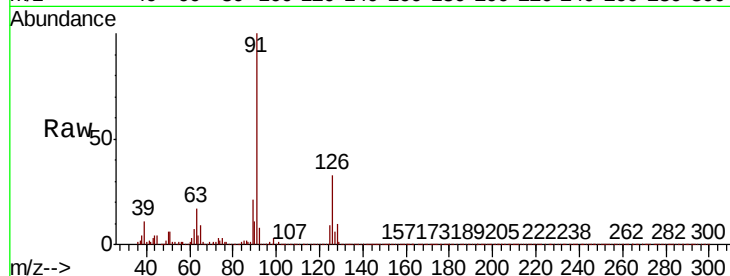
#79
2-Chlorotoluene
Concen: 4.815 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	33.2	16.5	49.5	

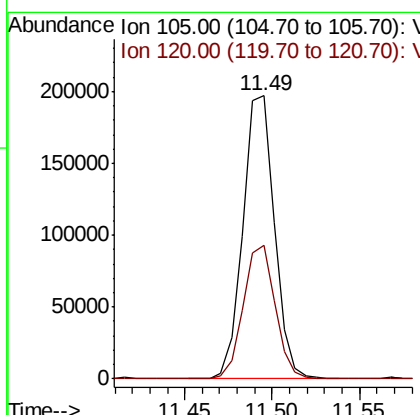
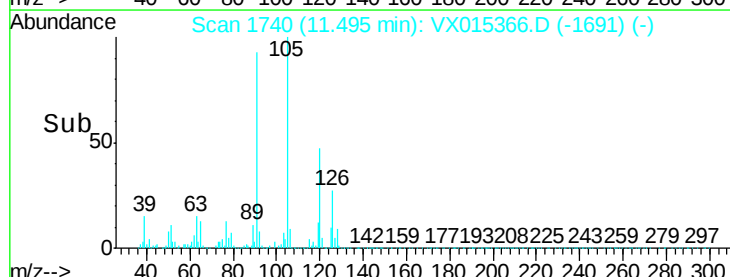
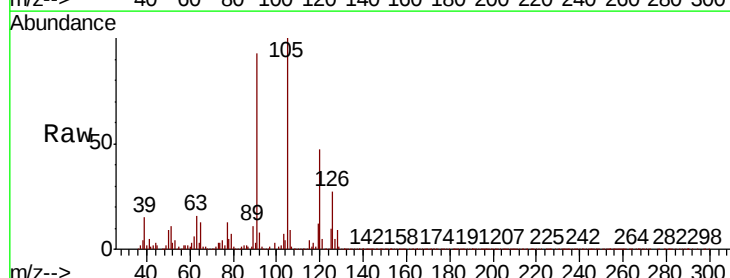
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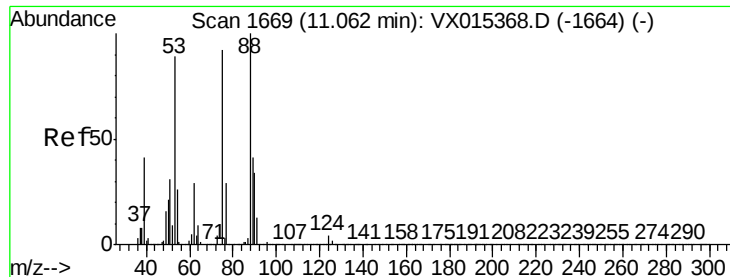
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#80
1,3,5-Trimethylbenzene
Concen: 5.101 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	47.7	24.8	74.4	





#81

trans-1,4-Dichloro-2-butene

Concen: 5.401 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

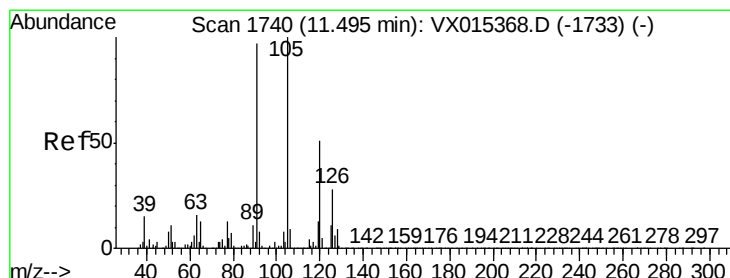
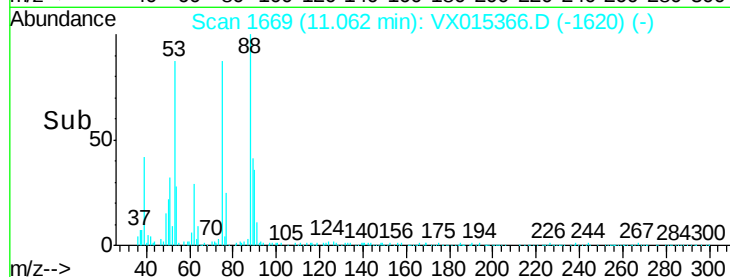
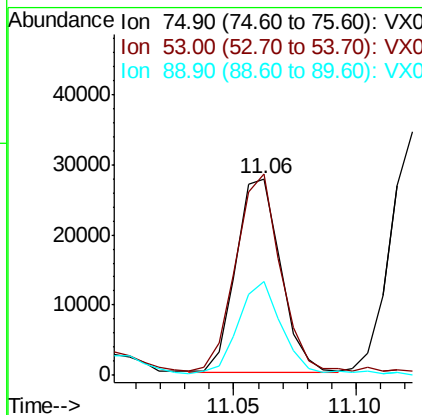
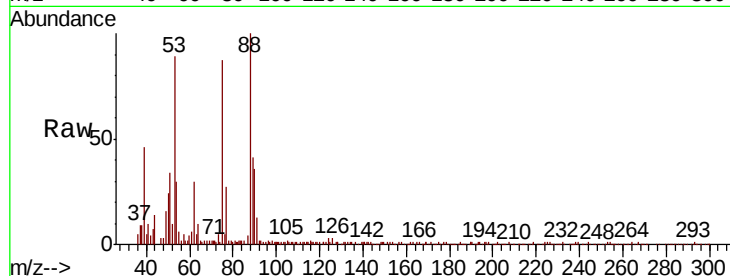
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	35042
Ion Ratio	Lower	Upper	
75	100		
53	101.1	80.1	120.1
89	50.0	36.1	54.1

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#82

4-Chlorotoluene

Concen: 4.968 ug/l

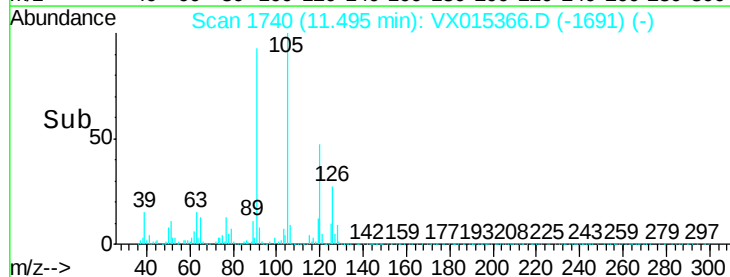
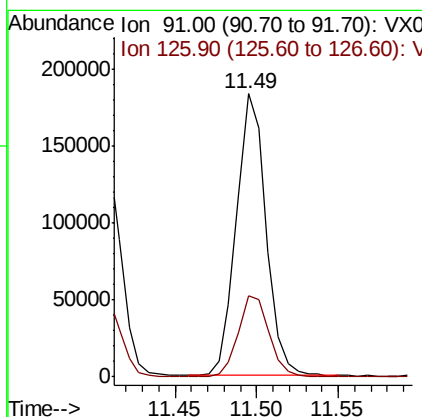
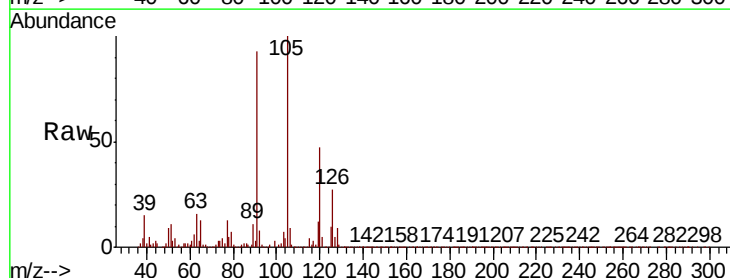
RT: 11.49 min Scan# 1740

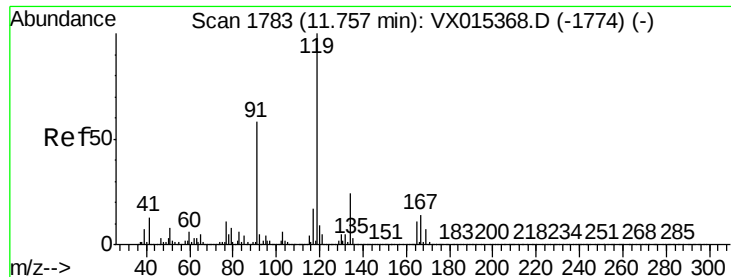
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	91	Resp:	231551
Ion Ratio	Lower	Upper	
91	100		
126	29.8	14.7	44.1





#83

tert-Butylbenzene

Concen: 4.986 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

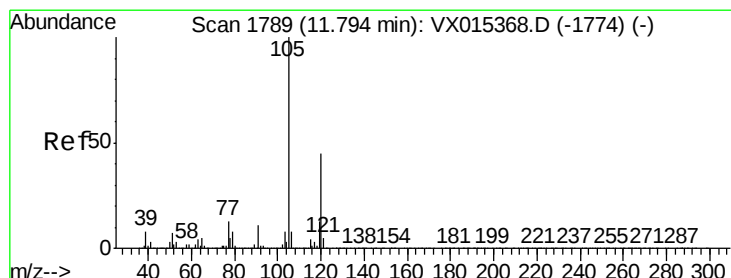
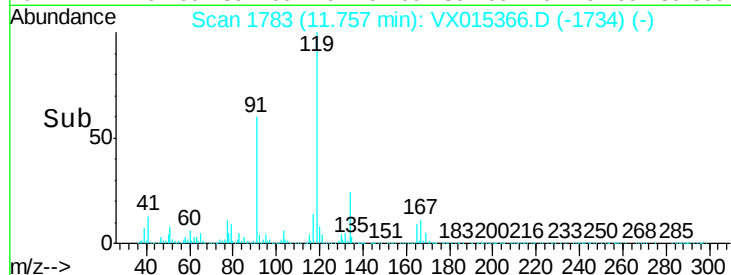
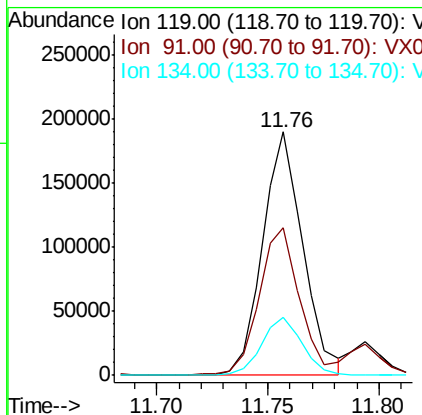
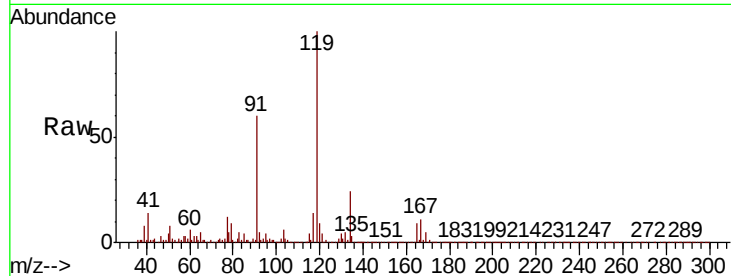
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	237358
Ion Ratio	Lower	Upper	
119	100		
91	61.6	28.6	85.8
134	23.6	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 4.961 ug/l

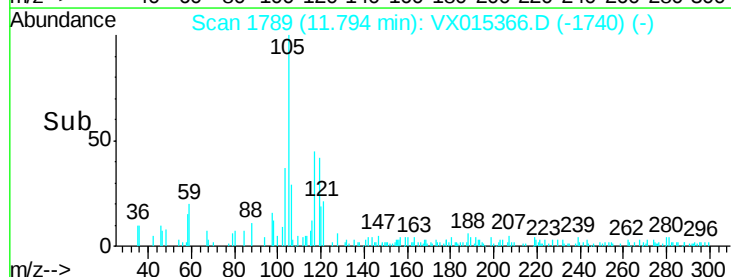
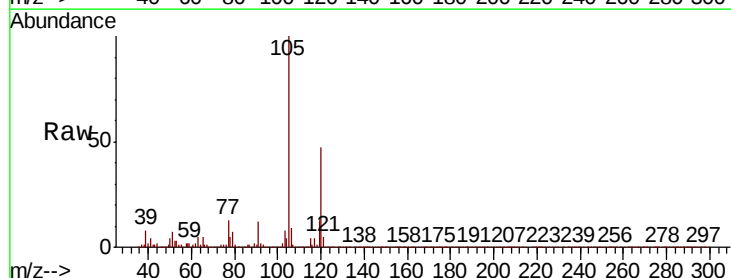
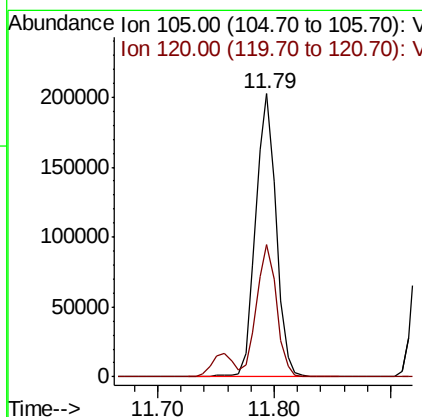
RT: 11.79 min Scan# 1789

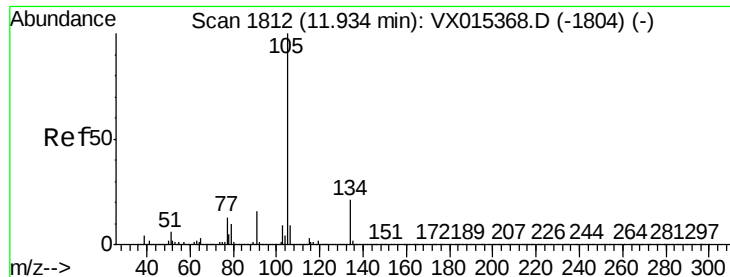
Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion:	105	Resp:	248647
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 4.938 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 278462

Ion Ratio Lower Upper

105 100

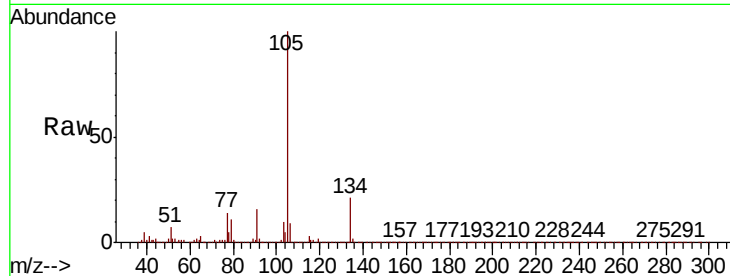
134 20.3 10.4 31.1

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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

250000

200000

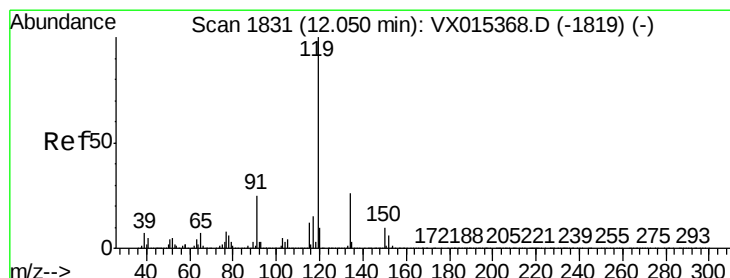
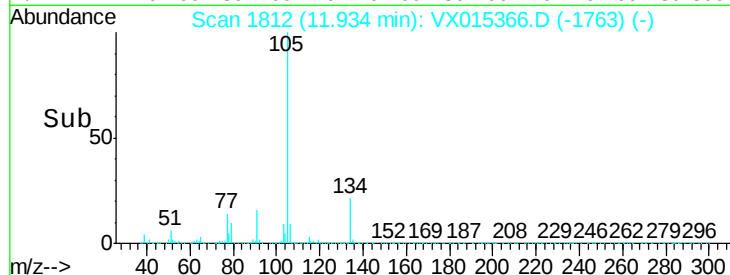
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 5.080 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

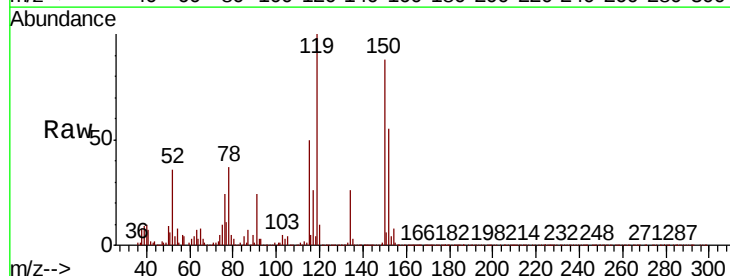
Tgt Ion:119 Resp: 257271

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 25.2 12.4 37.4



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

300000

250000

200000

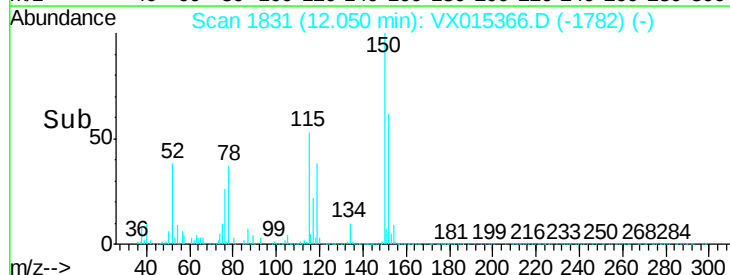
150000

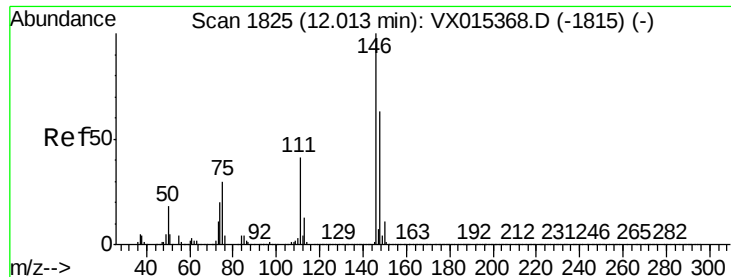
100000

50000

0

Time-->





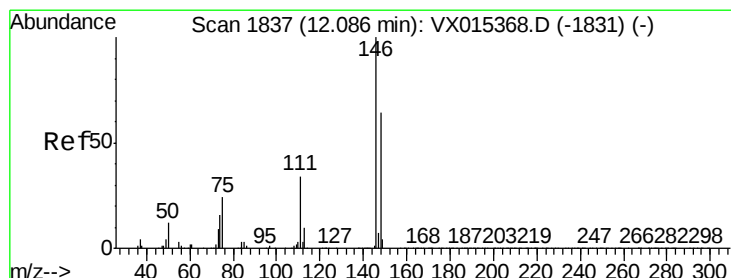
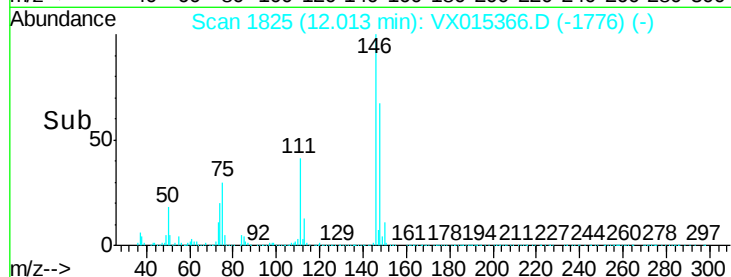
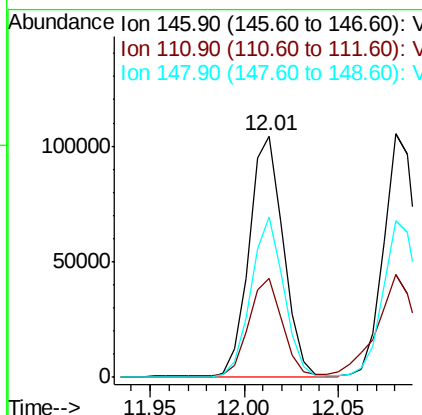
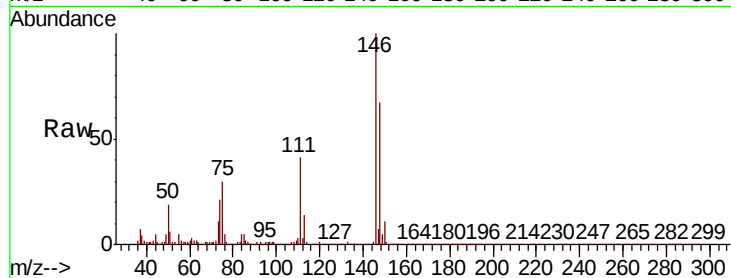
#87
 1,3-Dichlorobenzene
 Concen: 4.878 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	63.8	31.3	93.9

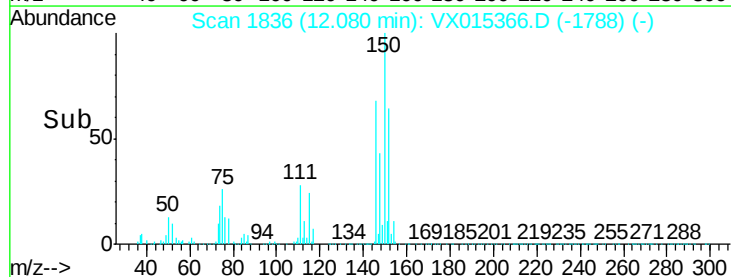
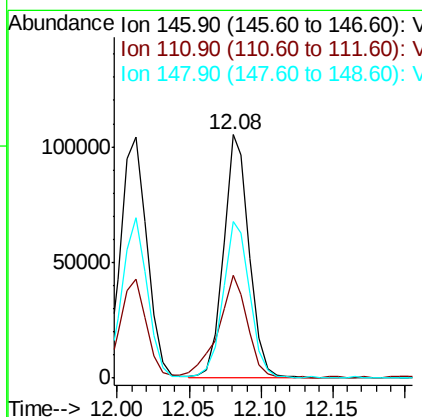
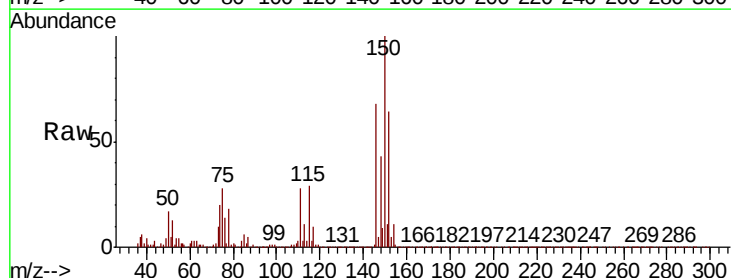
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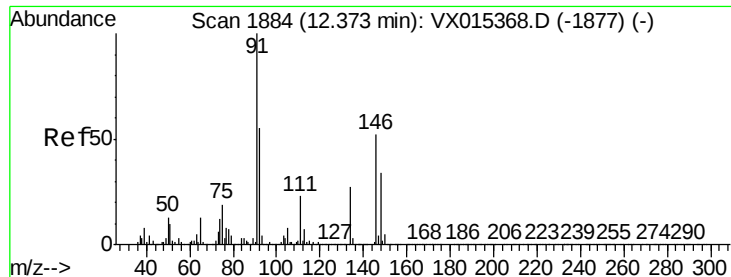
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#88
 1,4-Dichlorobenzene
 Concen: 4.644 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	19.1	57.5
148	67.4	32.4	97.2





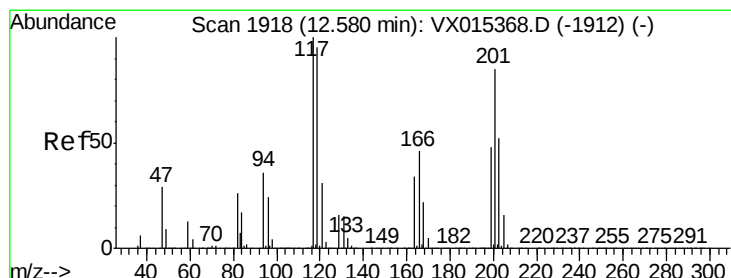
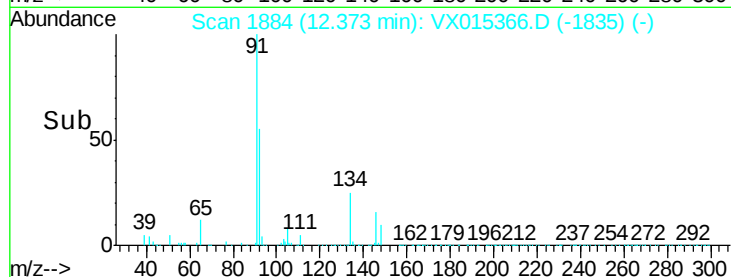
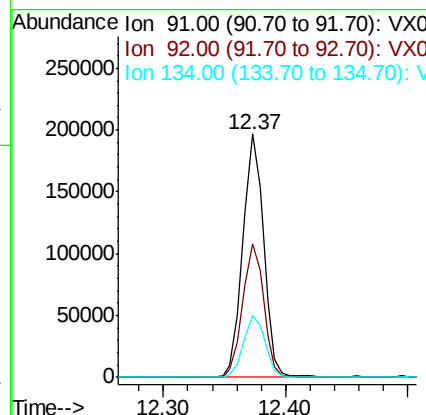
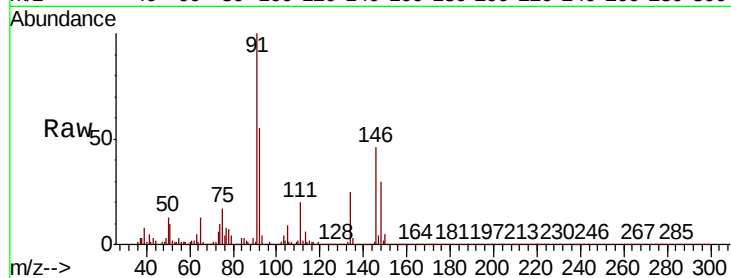
#89
n-Butylbenzene
Concen: 4.806 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.5	27.2	81.5
134	26.3	13.4	40.2

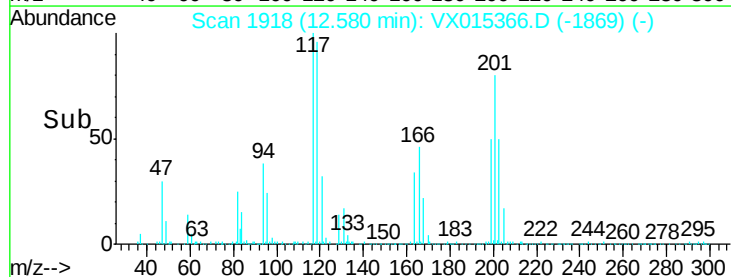
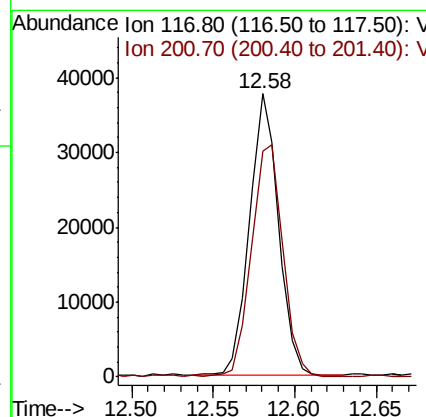
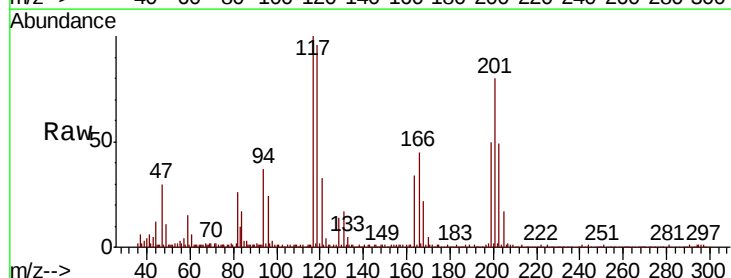
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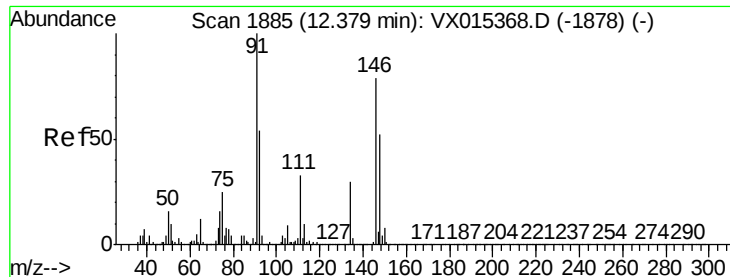
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#90
Hexachloroethane
Concen: 4.702 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	42.6	128.0





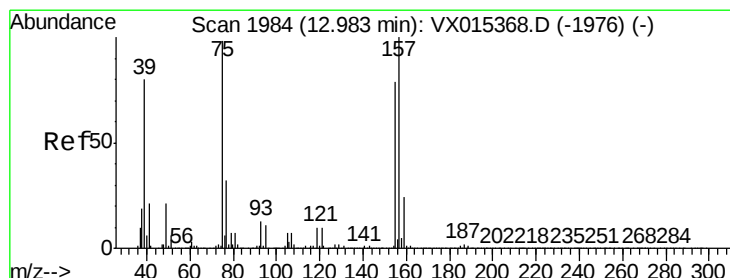
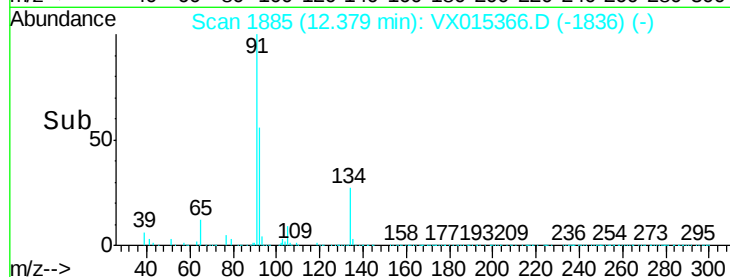
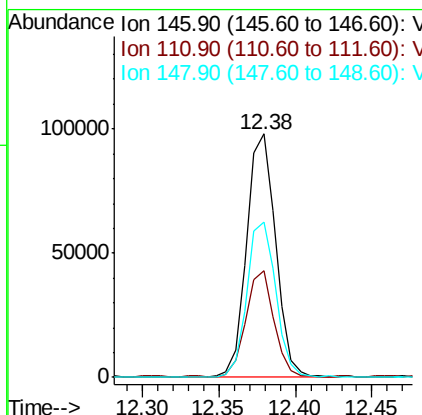
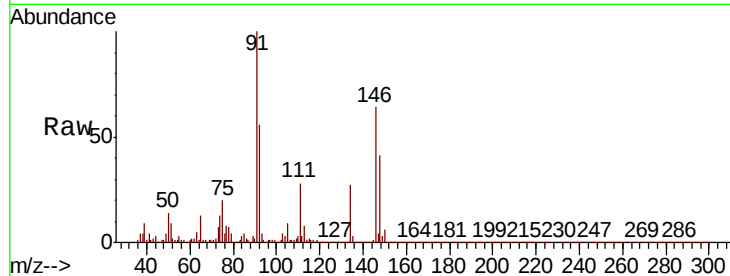
#91
 1,2-Dichlorobenzene
 Concen: 4.774 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129065		
111	41.9	21.0	63.0	
148	64.3	32.4	97.0	

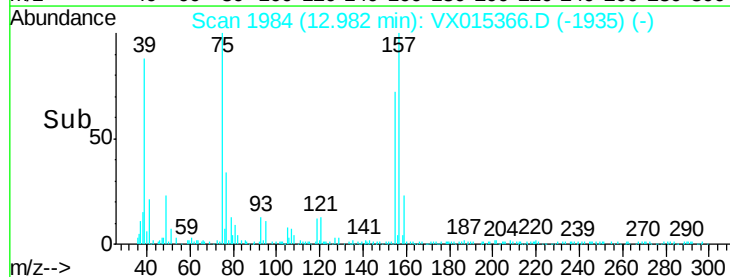
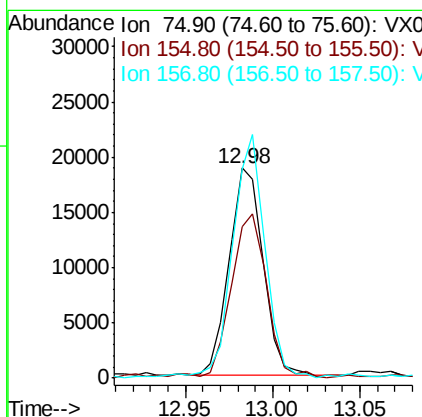
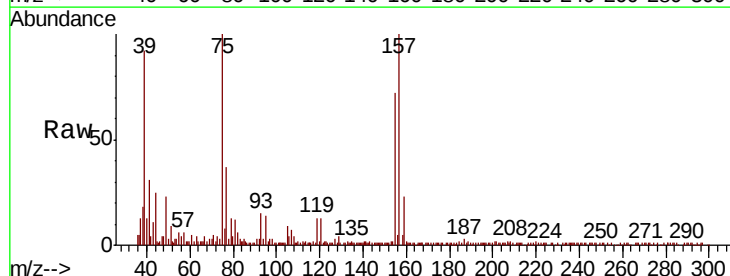
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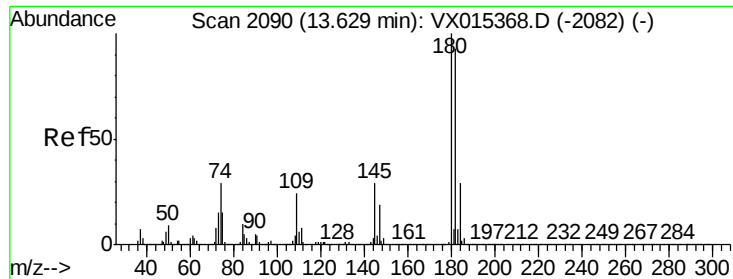
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.928 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25523		
155	83.5	42.8	128.4	
157	111.9	53.4	160.3	





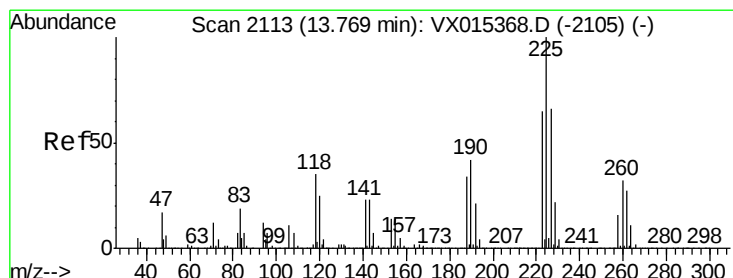
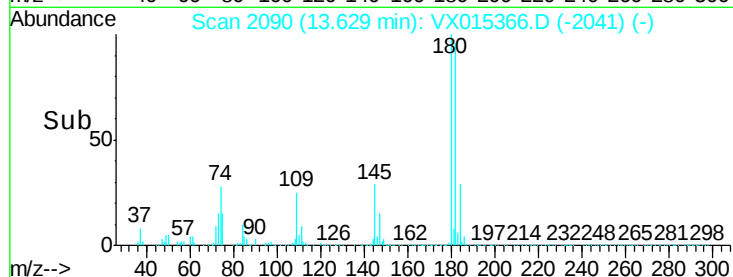
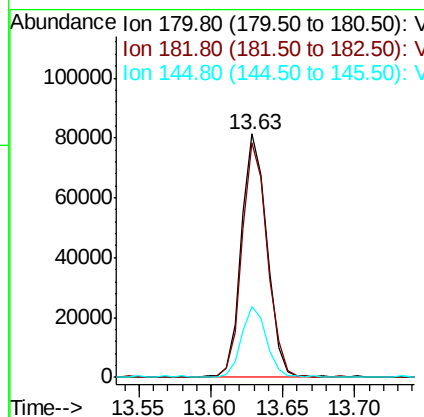
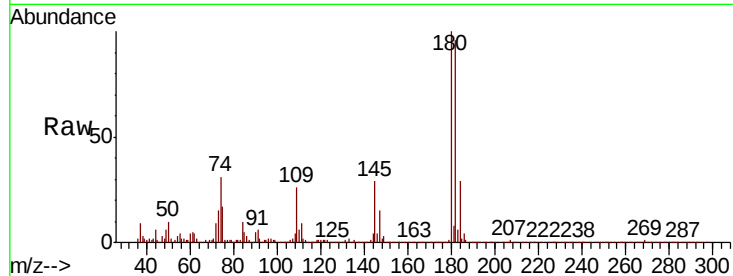
#93
 1,2,4-Trichlorobenzene
 Concen: 5.918 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100004		
182	95.9	46.9	140.7	
145	27.9	14.9	44.5	

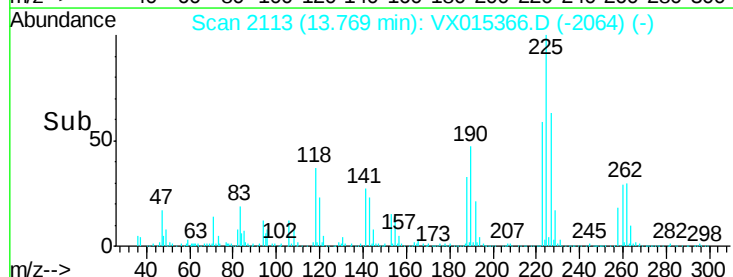
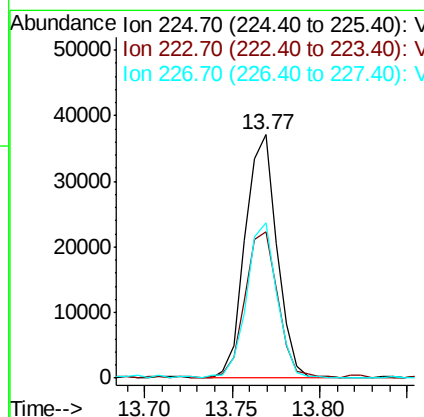
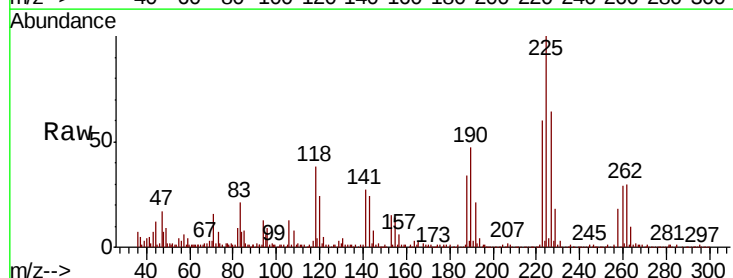
Manual Integrations
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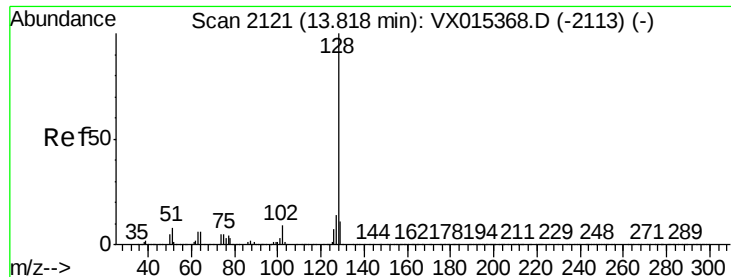
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#94
 Hexachlorobutadiene
 Concen: 6.647 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47183		
223	60.7	31.9	95.7	
227	61.4	30.4	91.3	





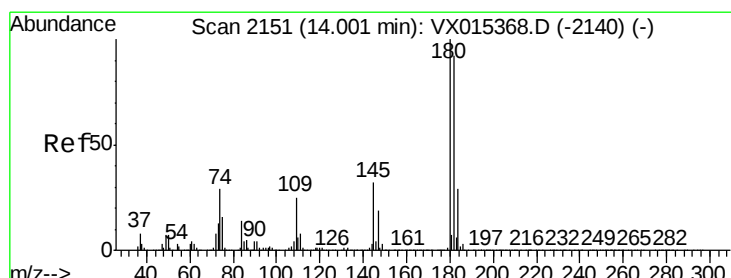
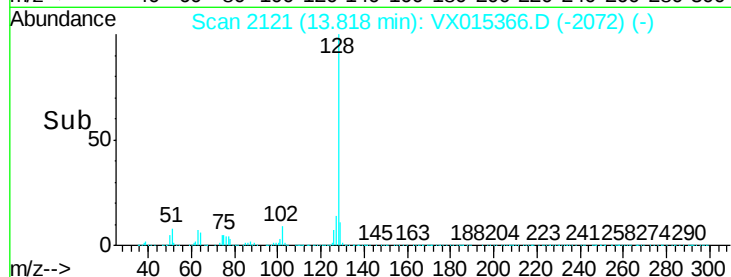
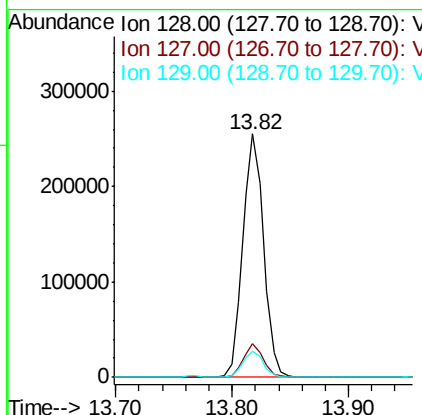
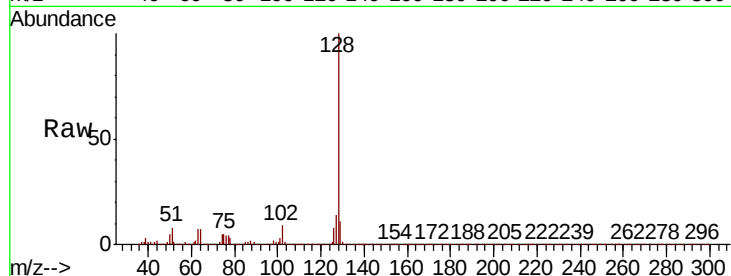
#95
Naphthalene
Concen: 5.803 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.868 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.7	140.0
145	31.4	15.8	47.3

