LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.788	99	104	115	rVB	84119	127914	1.76%	0.319%
2	2.001	134	139	148	rVB	122250	174629	2.40%	0.435%
3	2.843	269	277	280	rBV	48897	98837	1.36%	0.246%
4	2.891	280	285	289	rVV	149417	324148	4.46%	0.807%
5	2.934	289	292	302	rVB	88402	168005	2.31%	0.418%
6	3.172	322	331	342	rBV	165341	378530	5.21%	0.943%
7	3.525	380	389	404	rBV	100090	230955	3.18%	0.575%
8	4.403	522	533	546	rVB	335795	971500	13.37%	2.420%
9	5.501	701	713	718	rBV	119675	334421	4.60%	0.833%
10	5.580	718	726	734	rVV	310672	965137	13.28%	2.404%
11	5.659	734	739	748	rVB2	173645	456615	6.28%	1.137%
12	5.933	773	784	796	rBV4	58831	199612	2.75%	0.497%
13	6.061	796	805	813	rVV	117749	302529	4.16%	0.753%
14	6.147	813	819	829	rVV2	26798	73375	1.01%	0.183%
15	6.263	829	838	847	rVV4	42402	142986	1.97%	0.356%
16	6.360	847	854	861	rVV3	43440	118734	1.63%	0.296%
17	6.458	861	870	881	rVB2	72420	203381	2.80%	0.507%
18	6.860	925	936	948	rBV	298931	722940	9.95%	1.801%
19	7.464	1022	1035	1048	rBV	524720	1197358	16.48%	2.982%
20	7.732	1073	1079	1090	rVB	51257	102717	1.41%	0.256%
21	8.665	1225	1232	1235	rBV2	68873	120711	1.66%	0.301%
22	8.713	1235	1240	1254	rVB	667629	1053115	14.50%	2.623%
23	9.037	1287	1293	1299	rVB	78823	128491	1.77%	0.320%
24	9.622	1385	1389	1394	rBV	64744	84989	1.17%	0.212%
25	10.110	1464	1469	1476	rBV	637135	872973	12.02%	2.174%
26	10.250	1486	1492	1498	rVV	2227239	2817643	38.78%	7.018%
27	10.359	1502	1510	1522	rVV	5369585	7265242	100.00%	18.095%
28	10.695	1561	1565	1576	rVB	98569	141072	1.94%	0.351%
29	11.018	1613	1618	1629	rVB	250105	322459	4.44%	0.803%
30	11.134	1632	1637	1642	rBV	569104	727237	10.01%	1.811%
31	11.359	1669	1674	1680	rVB	267830	329815	4.54%	0.821%
32	11.432	1680	1686	1688	rBV	1352057	1804008	24.83%	4.493%
33	11.506	1693	1698	1705	rVB	1010719	1234663	16.99%	3.075%
34	11.664	1714	1724	1735	rBV	1227110	1522998	20.96%	3.793%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Title : SW846 8260

35	11.804	1742	1747	1758	rVB	3547987	4248025	58.47%	10.580%
36	12.024	1777	1783	1786	rBV	168221	198238	2.73%	0.494%
37	12.079	1786	1792	1797	rVV2	736201	1028734	14.16%	2.562%
38	12.140	1797	1802	1808	rVV	1572632	1892960	26.06%	4.715%
39	12.298	1821	1828	1830	rBV	391777	502519	6.92%	1.252%
40	12.323	1830	1832	1835	rVV	219425	226824	3.12%	0.565%
41	12.371	1835	1840	1849	rVB2	326893	467011	6.43%	1.163%
42	12.457	1849	1854	1859	rBV	100081	125238	1.72%	0.312%
43	12.518	1859	1864	1870	rBV	269225	321238	4.42%	0.800%
44	12.585	1870	1875	1877	rBV	265790	340717	4.69%	0.849%
45	12.609	1877	1879	1883	rVV	303065	308016	4.24%	0.767%
46	12.664	1883	1888	1892	rVV	291986	362095	4.98%	0.902%
47	12.701	1892	1894	1898	rVB	76278	80296	1.11%	0.200%
48	12.755	1898	1903	1911	rBV2	214531	384781	5.30%	0.958%
49	12.902	1922	1927	1932	rVB2	207098	271841	3.74%	0.677%
50	12.975	1932	1939	1942	rBV	201654	260410	3.58%	0.649%
51	13.018	1942	1946	1952	rVB	354438	414434	5.70%	1.032%
52	13.085	1952	1957	1961	rBV2	42092	78918	1.09%	0.197%
53	13.341	1995	1999	2005	rVB2	565272	778941	10.72%	1.940%
54	13.475	2017	2021	2028	rVB	257064	328256	4.52%	0.818%
55	13.633	2044	2047	2053	rBV3	62414	107565	1.48%	0.268%
56	13.719	2058	2061	2067	rVB2	67235	108688	1.50%	0.271%
57	13.834	2071	2080	2087	rVB	493943	679933	9.36%	1.693%
58	13.981	2097	2104	2108	rBV2	56928	85628	1.18%	0.213%
59	14.286	2146	2154	2161	rVB3	72593	136175	1.87%	0.339%
60	14.536	2189	2195	2205	rBV2	76002	105677	1.45%	0.263%
61	14.694	2214	2221	2225	rBV	260521	325956	4.49%	0.812%
62	14.834	2239	2244	2250	rBV	196966	262261	3.61%	0.653%

Sum of corrected areas: 40151114

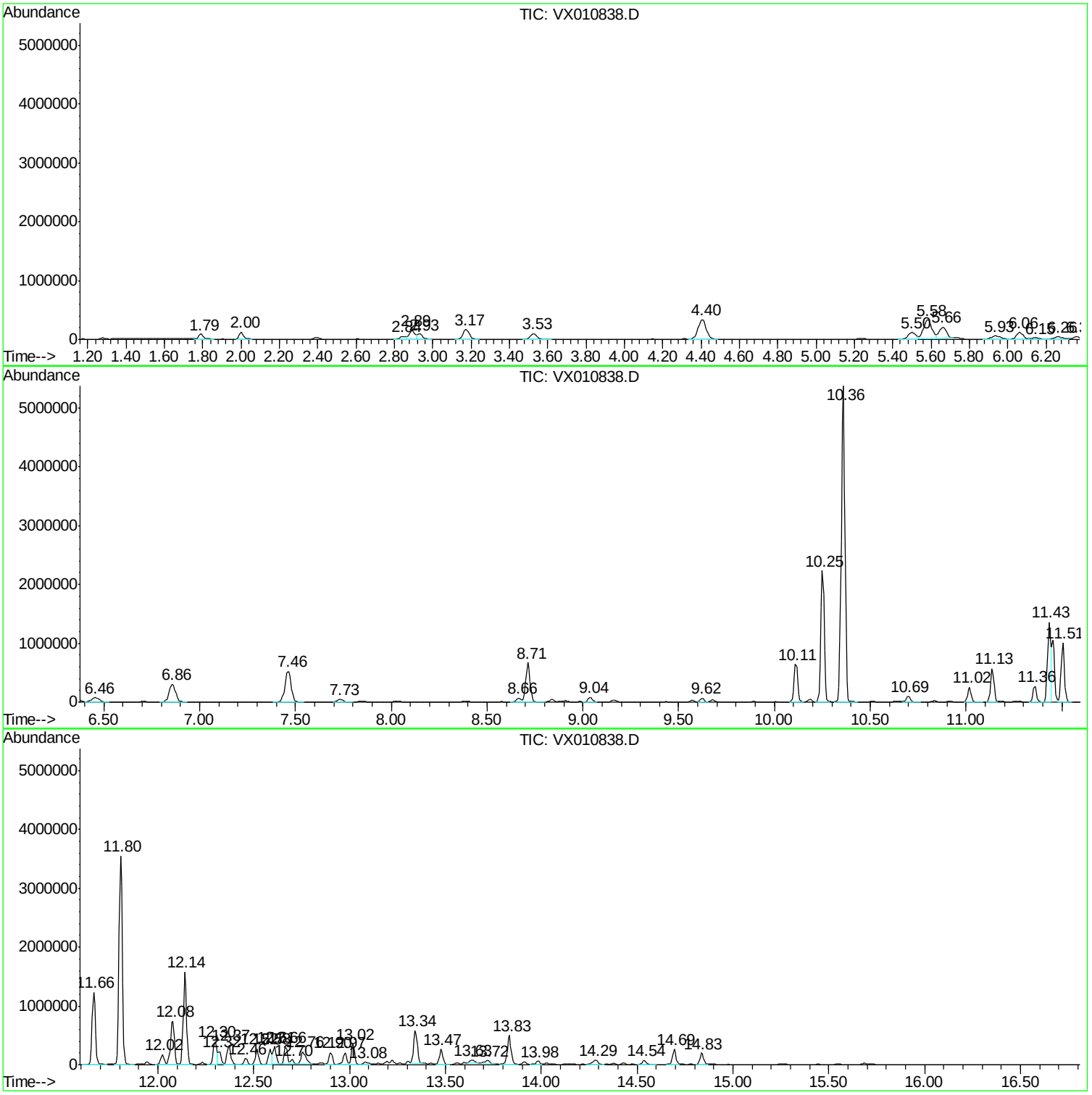
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

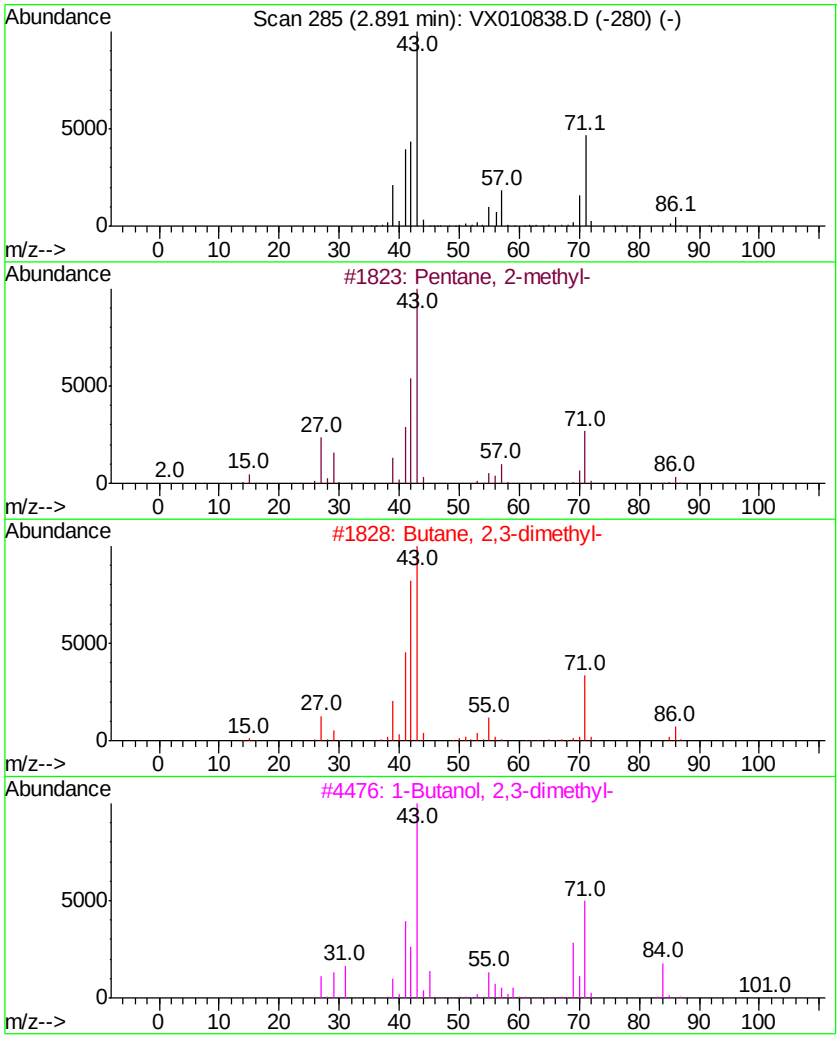
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

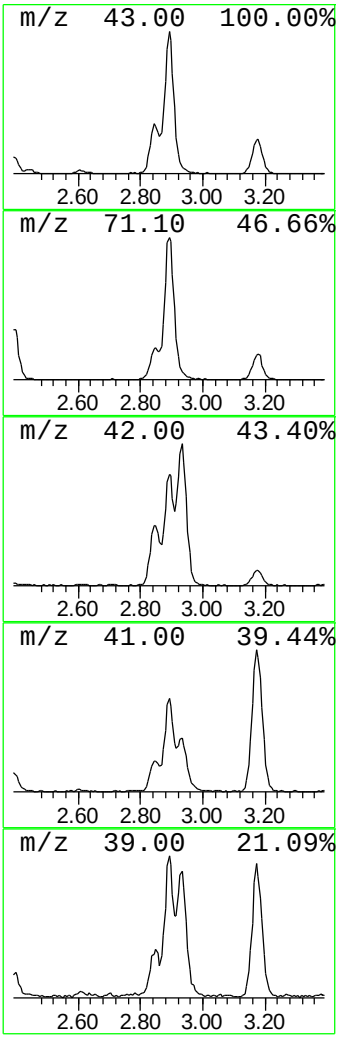
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	35.49 ug/l	324148	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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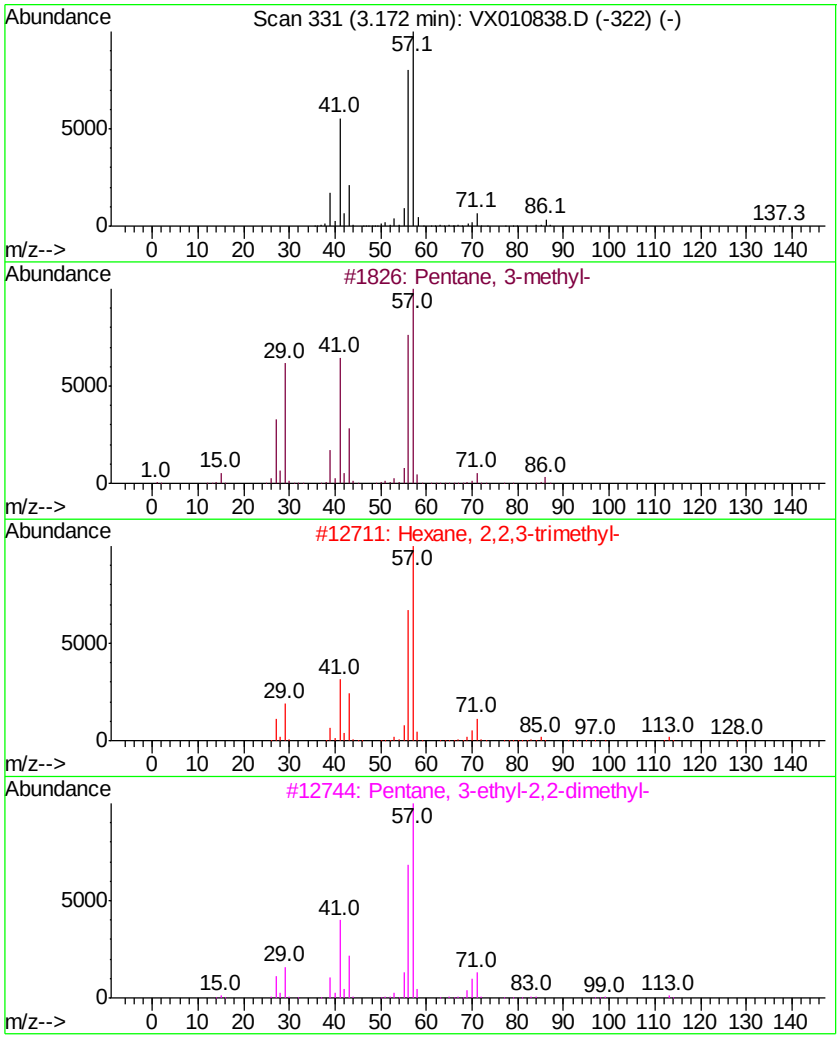
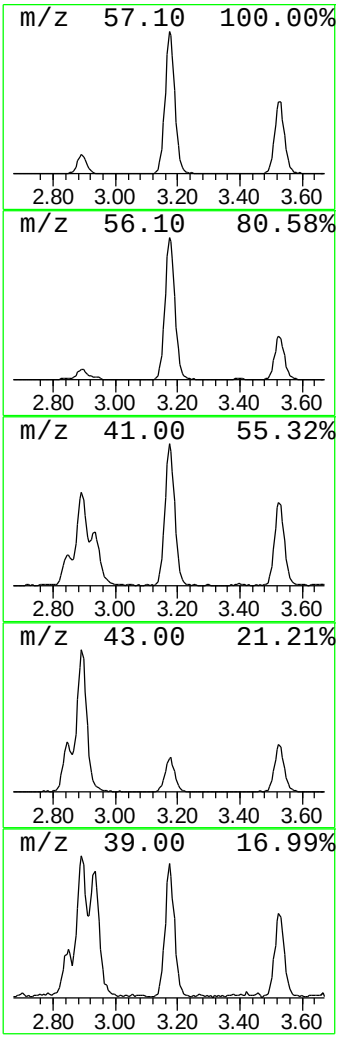
Peak Number 2 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	41.45 ug/l	378530	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	83
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
4	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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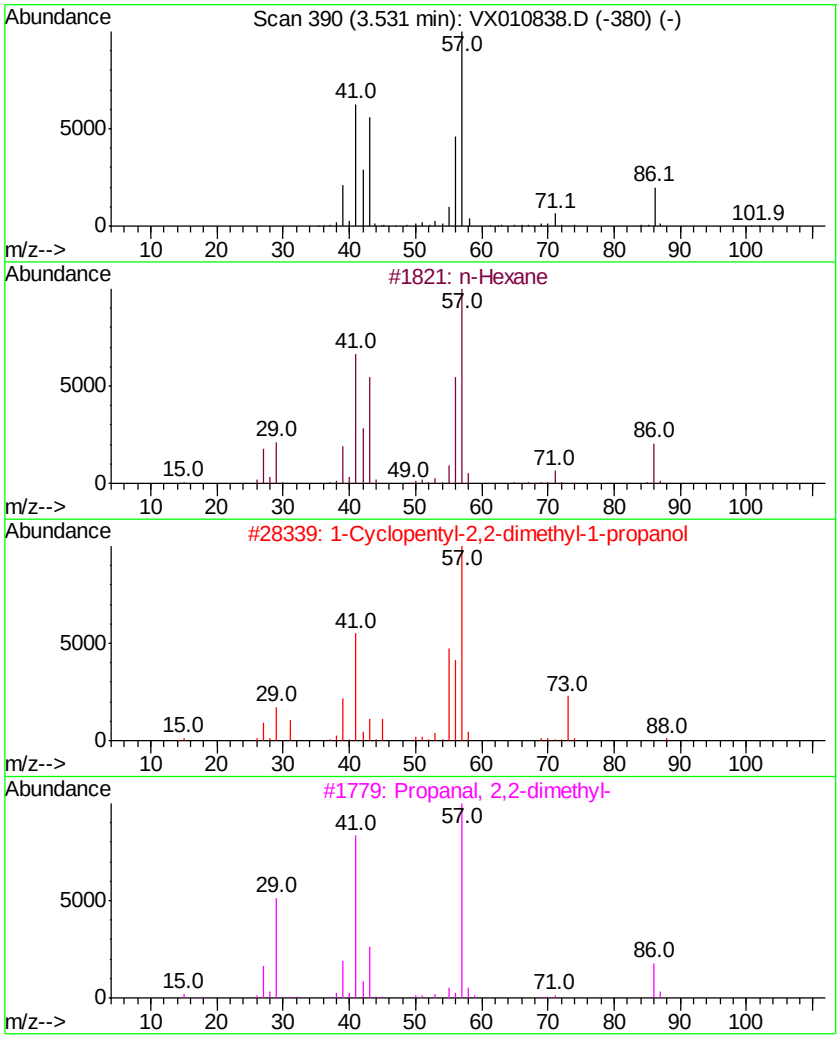
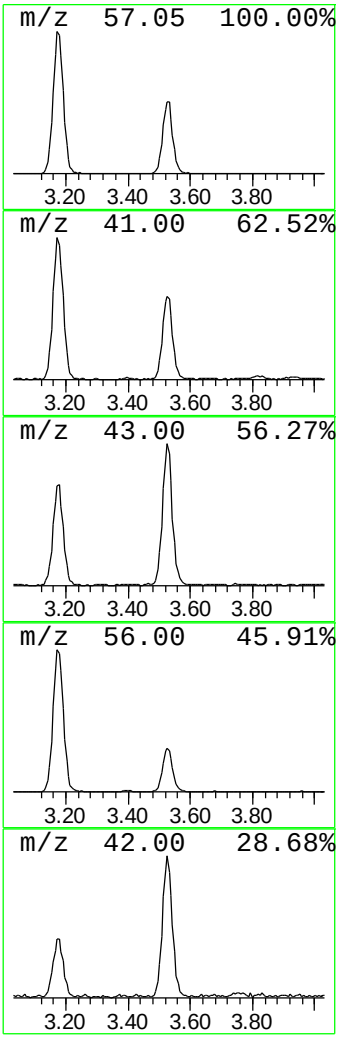
Peak Number 3 n-Hexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	25.29 ug/l	230955	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	38
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	28
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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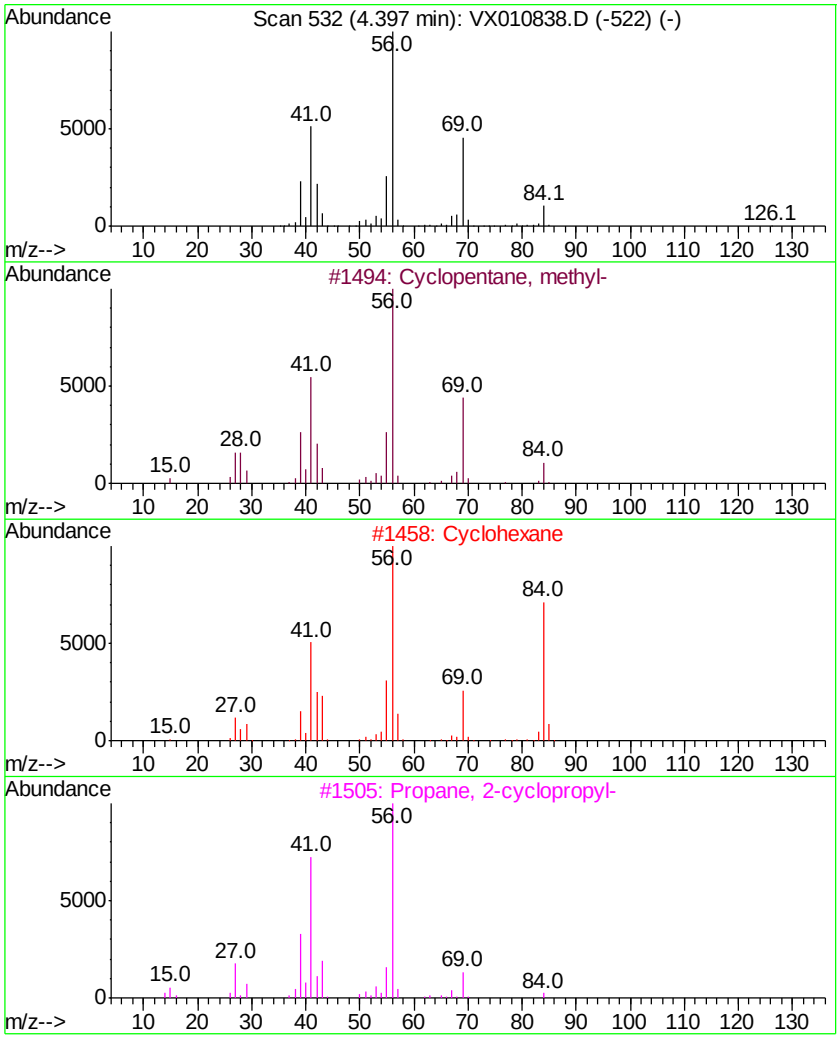
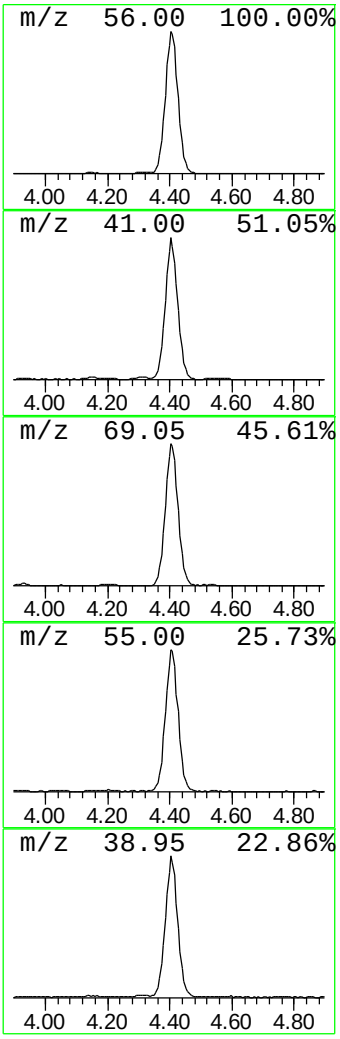
Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	106.38 ug/l	971500	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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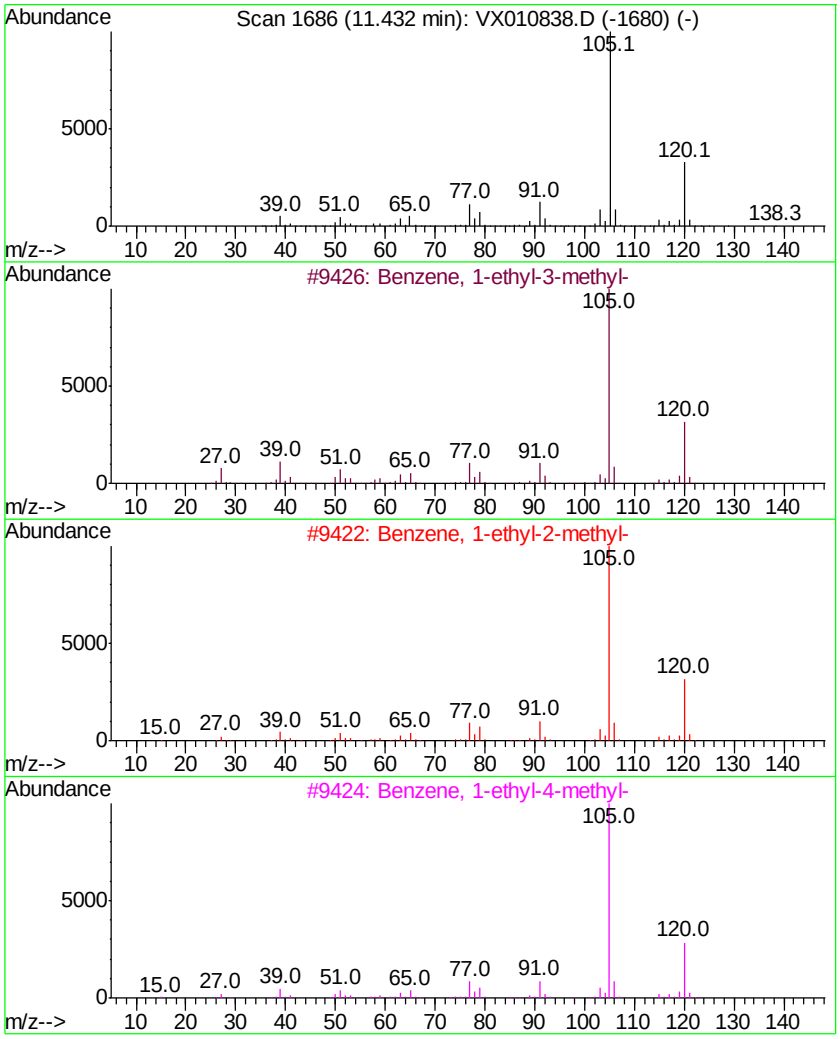
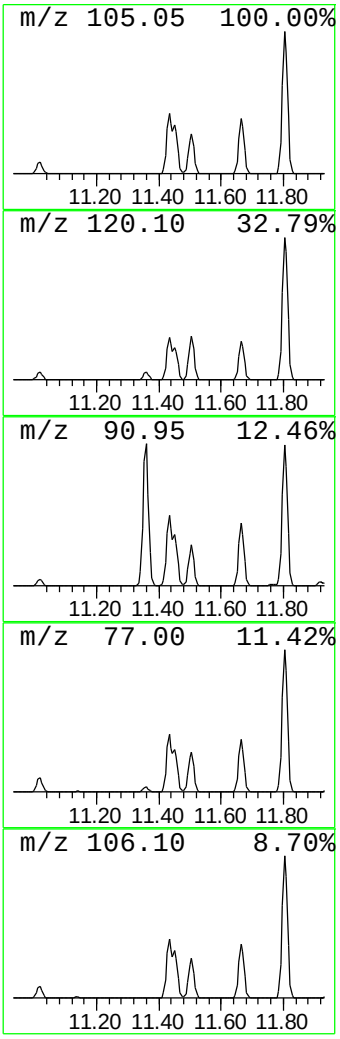
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	87.68 ug/l	1804010	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

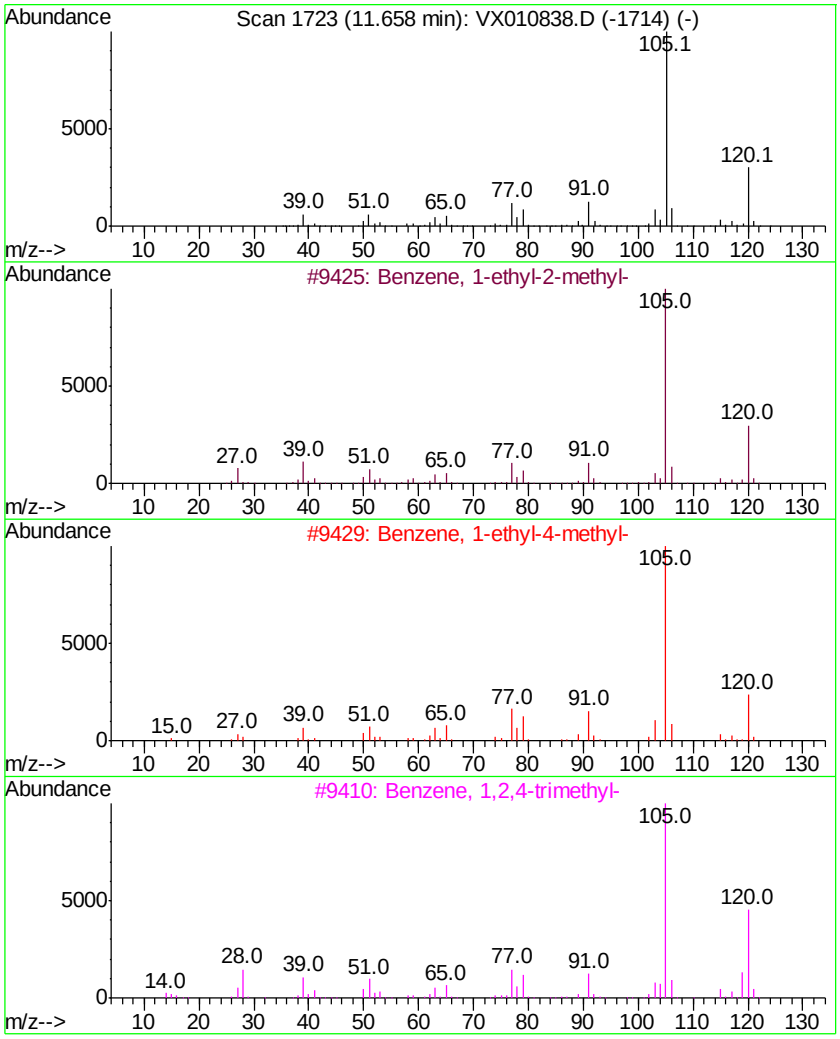
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

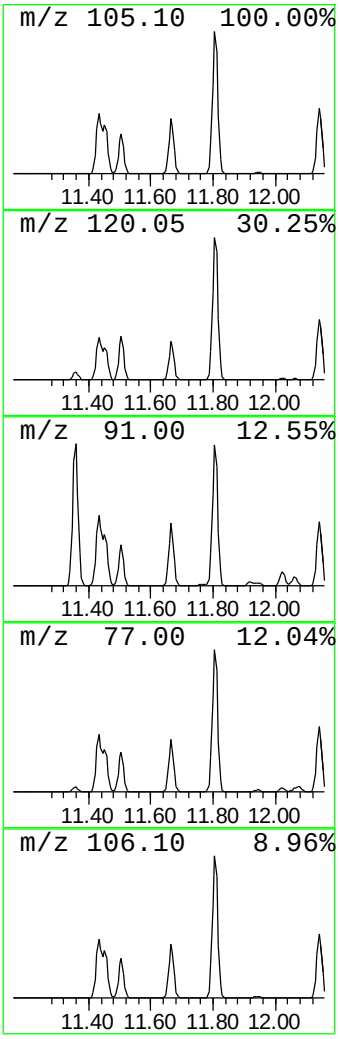
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	74.02 ug/l	1523000	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

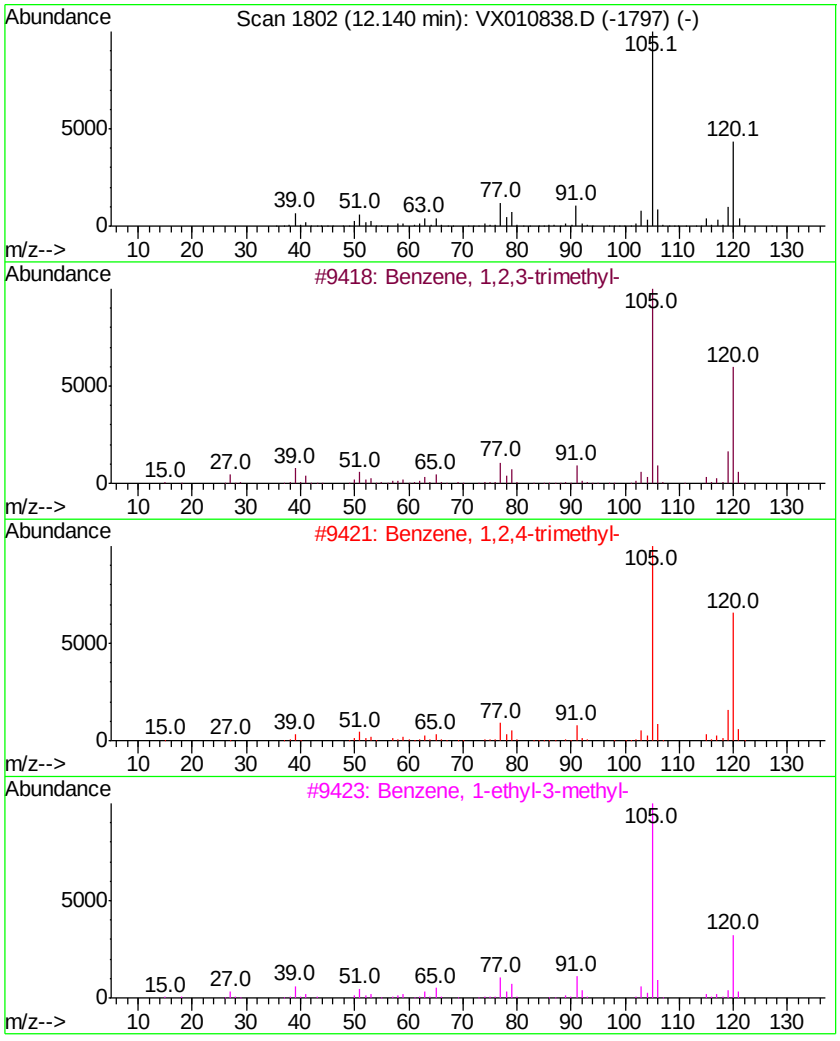
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

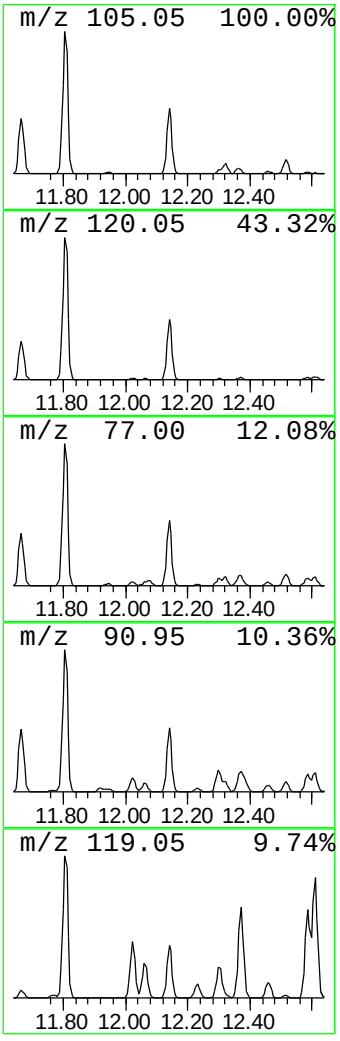
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	92.00 ug/l	1892960	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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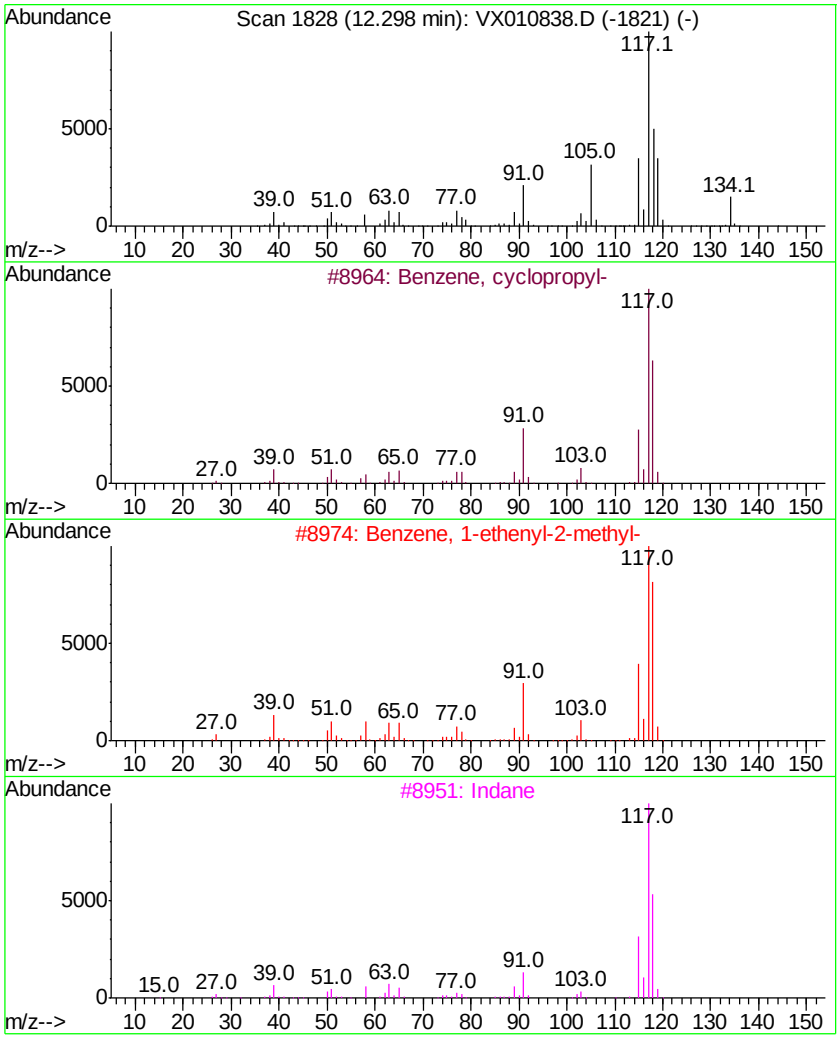
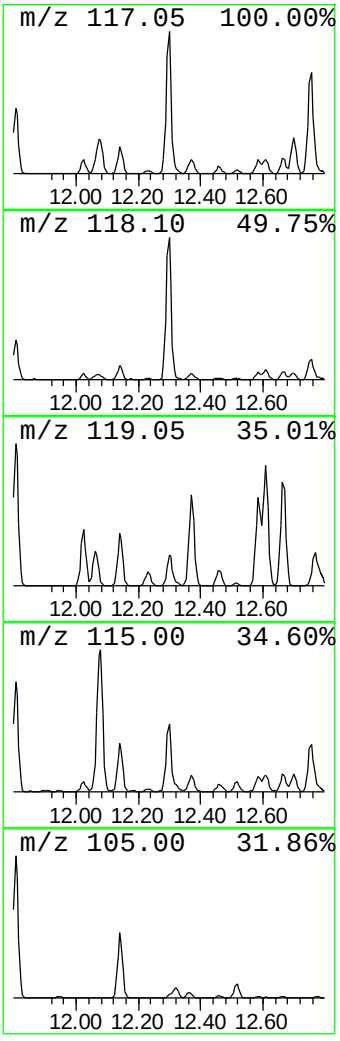
Peak Number 8 Benzene, cyclopropyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	24.42 ug/l	502519	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Indane	118	C9H10	000496-11-7	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5	Deltacyclene	118	C9H10	007785-10-6	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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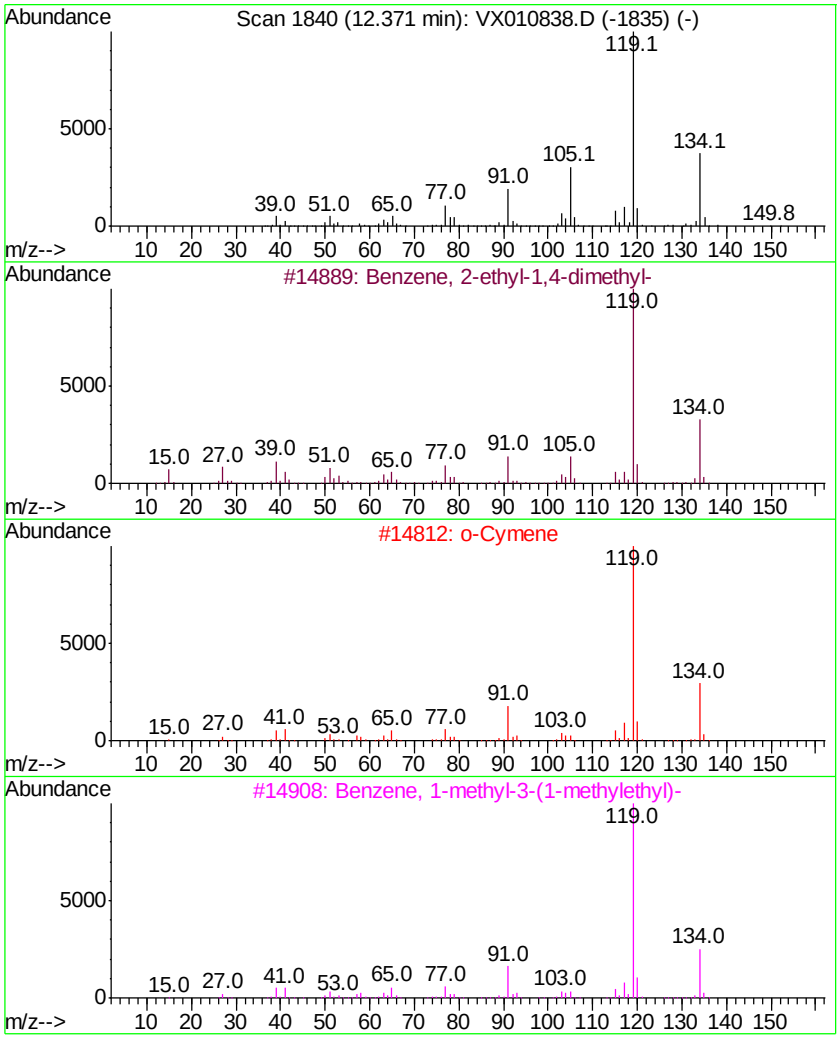
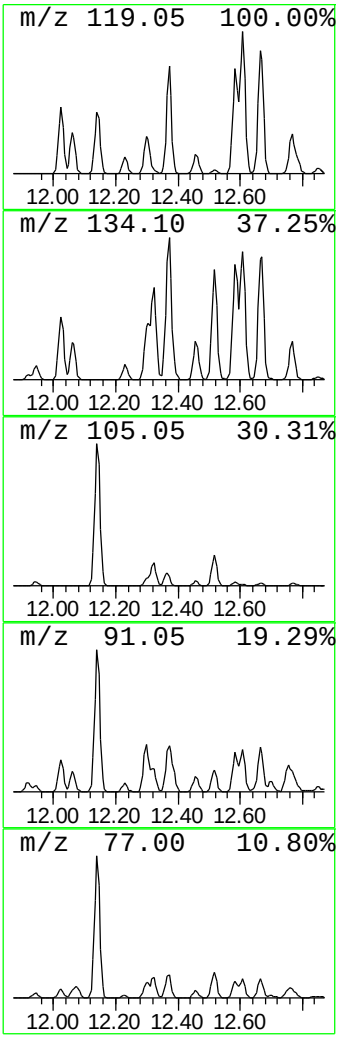
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	22.70 ug/l	467011	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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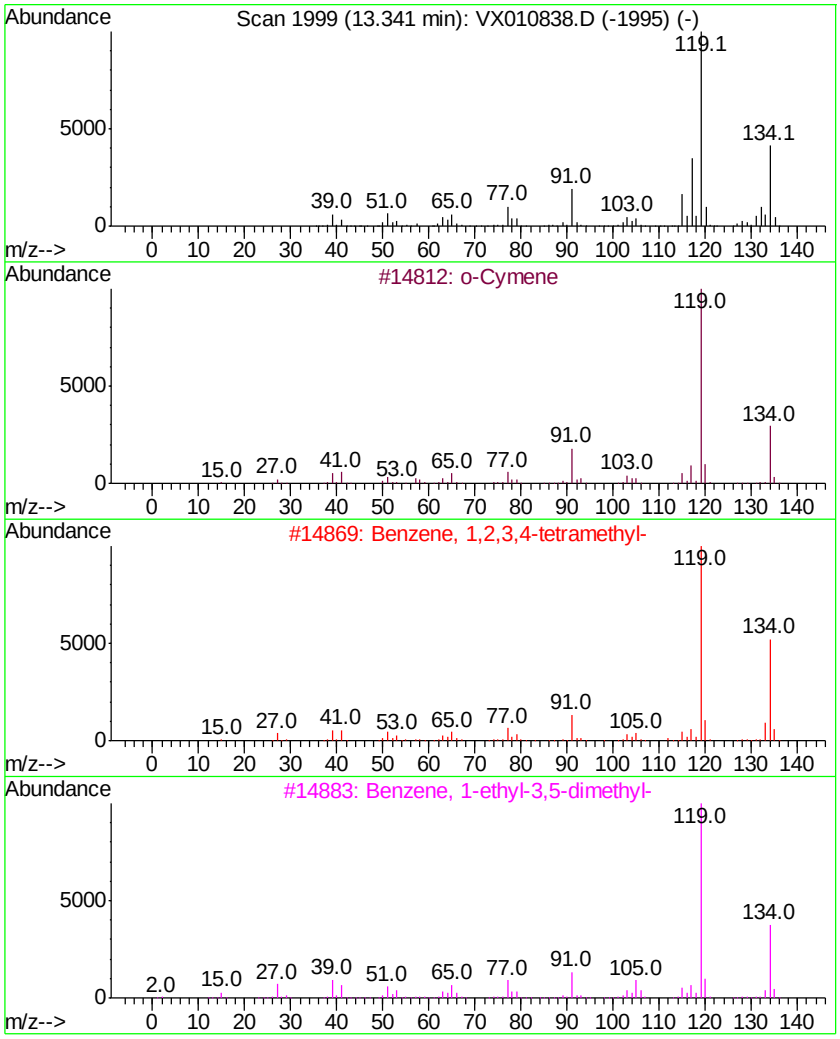
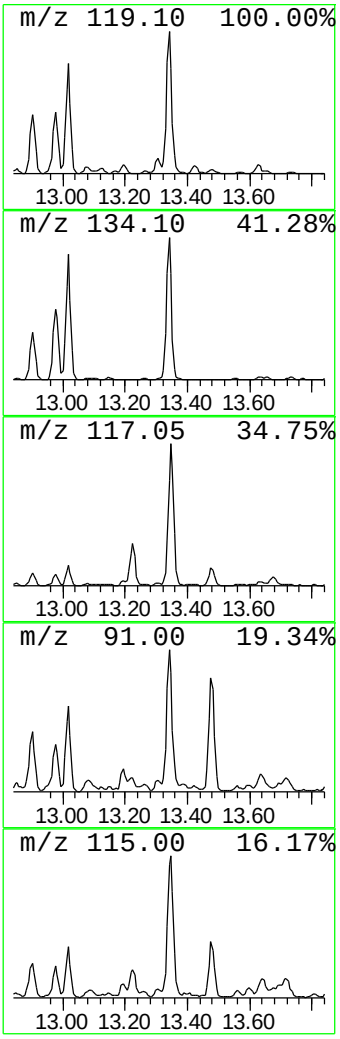
Peak Number 10 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	37.86 ug/l	778941	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071219\
Data File : VX010838.D
Acq On : 12 Jul 2019 16:03
Operator : JC/SP
Sample : K3786-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0581

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-methyl-	2.89	35.5	ug/l	324148	1	5.67	456615	50.0
Pentane, 3-methyl-	3.17	41.5	ug/l	378530	1	5.67	456615	50.0
n-Hexane	3.53	25.3	ug/l	230955	1	5.67	456615	50.0
Cyclopentane, met...	4.40	106.4	ug/l	971500	1	5.67	456615	50.0
Benzene, 1-ethyl-...	11.43	87.7	ug/l	1804010	4	12.08	1028730	50.0
Benzene, 1-ethyl-...	11.66	74.0	ug/l	1523000	4	12.08	1028730	50.0
Benzene, 1,2,3-tr...	12.14	92.0	ug/l	1892960	4	12.08	1028730	50.0
Benzene, cyclopro...	12.30	24.4	ug/l	502519	4	12.08	1028730	50.0
Benzene, 2-ethyl-...	12.37	22.7	ug/l	467011	4	12.08	1028730	50.0
o-Cymene	13.34	37.9	ug/l	778941	4	12.08	1028730	50.0