LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-23

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\82X111721W.M
Title : SW846 8260

Signal : TIC: VX025437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	27	30	41	rVB	329184	361393	1.75%	0.248%
2	1.374	43	47	53	rBV	848143	895927	4.34%	0.616%
3	1.746	103	108	127	rVB	4018440	5550262	26.91%	3.814%
4	1.953	137	142	155	rVB2	2386900	3519615	17.06%	2.419%
5	2.069	155	161	168	rVV	397364	541863	2.63%	0.372%
6	2.166	171	177	180	rVV	209140	319201	1.55%	0.219%
7	2.215	180	185	198	rVB	836010	1242457	6.02%	0.854%
8	2.782	258	278	280	rBV3	327522	916033	4.44%	0.629%
9	2.825	280	285	289	rVV	956622	2089175	10.13%	1.436%
10	2.867	289	292	305	rVB2	756269	1637379	7.94%	1.125%
11	3.105	319	331	349	rVB2	735984	1712860	8.30%	1.177%
12	3.318	357	366	378	rBV	140997	332340	1.61%	0.228%
13	3.446	378	387	400	rBV	472772	1053094	5.11%	0.724%
14	3.587	400	410	416	rBV	105034	269977	1.31%	0.186%
15	3.672	416	424	428	rBV	116002	277148	1.34%	0.190%
16	3.733	428	434	443	rVB	335843	797885	3.87%	0.548%
17	3.837	443	451	458	rBV	210351	548775	2.66%	0.377%
18	4.105	486	495	505	rVB	220407	571251	2.77%	0.393%
19	4.312	518	529	540	rVB	1649873	4694786	22.76%	3.226%
20	4.428	540	548	564	rVB	105138	310924	1.51%	0.214%
21	5.196	664	674	691	rVB	306832	962869	4.67%	0.662%
22	5.391	691	706	710	rBV3	80874	247933	1.20%	0.170%
23	5.477	710	720	730	rBV2	911613	2893596	14.03%	1.988%
24	5.623	740	744	764	rVB3	125547	438098	2.12%	0.301%
25	5.830	766	778	791	rBV3	150118	492651	2.39%	0.339%
26	6.044	805	813	823	rVB	533015	1365441	6.62%	0.938%
27	6.166	824	833	836	rBV	133881	355670	1.72%	0.244%
28	6.263	844	849	857	rVB4	174000	457197	2.22%	0.314%
29	6.361	857	865	876	rVB2	156765	447700	2.17%	0.308%
30	6.611	895	906	914	rBV2	94094	239875	1.16%	0.165%
31	6.769	924	932	936	rBV	172106	429704	2.08%	0.295%
32	7.178	990	999	1008	rBV2	167788	385203	1.87%	0.265%
33	7.385	1019	1033	1045	rBV3	744837	1868356	9.06%	1.284%
34	7.659	1072	1078	1091	rVB	110784	218034	1.06%	0.150%
35	8.147	1144	1158	1163	rBV	392214	837976	4.06%	0.576%
36	8.507	1210	1217	1227	rVB	292548	507098	2.46%	0.348%

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Instrument :
MSVOA_X
ClientSampleId :
MW-23

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Title : SW846 8260

37	8.653	1236	1241	1247	rVB	362932	581841	2.82%	0.400%
38	8.720	1247	1252	1258	rBV	724929	1095703	5.31%	0.753%
39	8.958	1287	1291	1300	rVB2	186257	339224	1.64%	0.233%
40	9.049	1300	1306	1312	rBV	175550	268735	1.30%	0.185%
41	10.055	1461	1471	1476	rBV	349881	494592	2.40%	0.340%
42	10.201	1489	1495	1506	rVB	9989936	12903108	62.56%	8.867%
43	10.311	1506	1513	1519	rBV	14088719	20626624	100.00%	14.174%
44	10.646	1562	1568	1578	rVB	2249985	2856749	13.85%	1.963%
45	10.963	1613	1620	1628	rBV	727298	908332	4.40%	0.624%
46	11.085	1635	1640	1645	rBV	289920	364309	1.77%	0.250%
47	11.305	1671	1676	1683	rVB	1875415	2313186	11.21%	1.590%
48	11.384	1683	1689	1690	rVV	2556105	3037240	14.72%	2.087%
49	11.402	1690	1692	1696	rVV	3326174	3660242	17.75%	2.515%
50	11.451	1696	1700	1708	rVB	1568101	1976115	9.58%	1.358%
51	11.616	1721	1727	1736	rBV	3591565	4333411	21.01%	2.978%
52	11.762	1745	1751	1756	rVB	12389719	15446599	74.89%	10.615%
53	12.024	1789	1794	1798	rVV2	423805	566376	2.75%	0.389%
54	12.091	1798	1805	1810	rVB	3930410	4629995	22.45%	3.182%
55	12.244	1825	1830	1838	rBV2	3960815	5546421	26.89%	3.811%
56	12.317	1838	1842	1850	rVB3	737578	1138214	5.52%	0.782%
57	12.414	1852	1858	1862	rBV2	280393	378512	1.84%	0.260%
58	12.463	1862	1866	1872	rVB	331956	386363	1.87%	0.266%
59	12.536	1872	1878	1880	rBV	674631	970057	4.70%	0.667%
60	12.555	1880	1881	1886	rVB	582145	556273	2.70%	0.382%
61	12.616	1886	1891	1894	rBV	1262354	1465576	7.11%	1.007%
62	12.646	1894	1896	1900	rVB	368517	397357	1.93%	0.273%
63	12.701	1900	1905	1913	rBV2	1107781	1482364	7.19%	1.019%
64	12.847	1924	1929	1934	rVB	351646	453070	2.20%	0.311%
65	12.920	1934	1941	1945	rBV	742593	943650	4.57%	0.648%
66	12.963	1945	1948	1954	rVB	1127491	1301936	6.31%	0.895%
67	13.170	1978	1982	1987	rVB	917470	1046335	5.07%	0.719%
68	13.292	1998	2002	2007	rVB2	1918638	2577382	12.50%	1.771%
69	13.426	2019	2024	2032	rVB	548736	680721	3.30%	0.468%
70	13.548	2040	2044	2047	rBV	164807	207073	1.00%	0.142%
71	13.585	2047	2050	2056	rVB2	179581	274672	1.33%	0.189%
72	13.664	2061	2063	2070	rVB2	199717	285563	1.38%	0.196%
73	13.780	2074	2082	2091	rBV	4039999	4999238	24.24%	3.435%
74	13.871	2091	2097	2101	rVB2	136294	220062	1.07%	0.151%
75	14.079	2126	2131	2138	rBV	161765	208513	1.01%	0.143%
76	14.225	2150	2155	2160	rBV2	156617	319378	1.55%	0.219%

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

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\82X111721W.M
Title : SW846 8260

77	14.640	2218	2223	2233	rVB	1345089	1708538	8.28%	1.174%
78	14.780	2241	2246	2255	rBV	1003687	1289538	6.25%	0.886%
79	15.481	2354	2361	2366	rBV	130529	206596	1.00%	0.142%
80	15.615	2374	2383	2387	rBV	178166	284189	1.38%	0.195%

Sum of corrected areas: 145519718

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Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
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Sample : M4917-07
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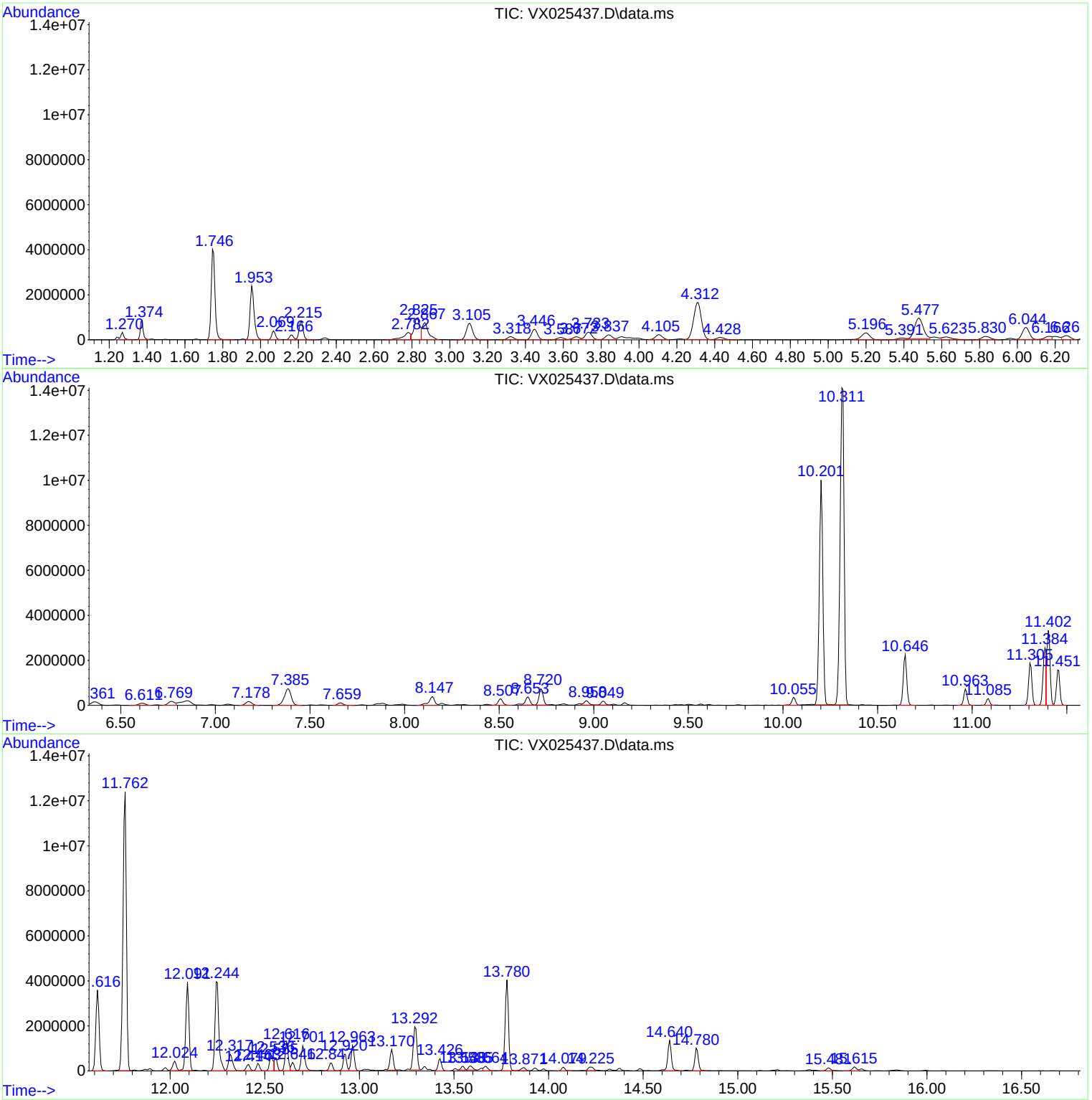
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

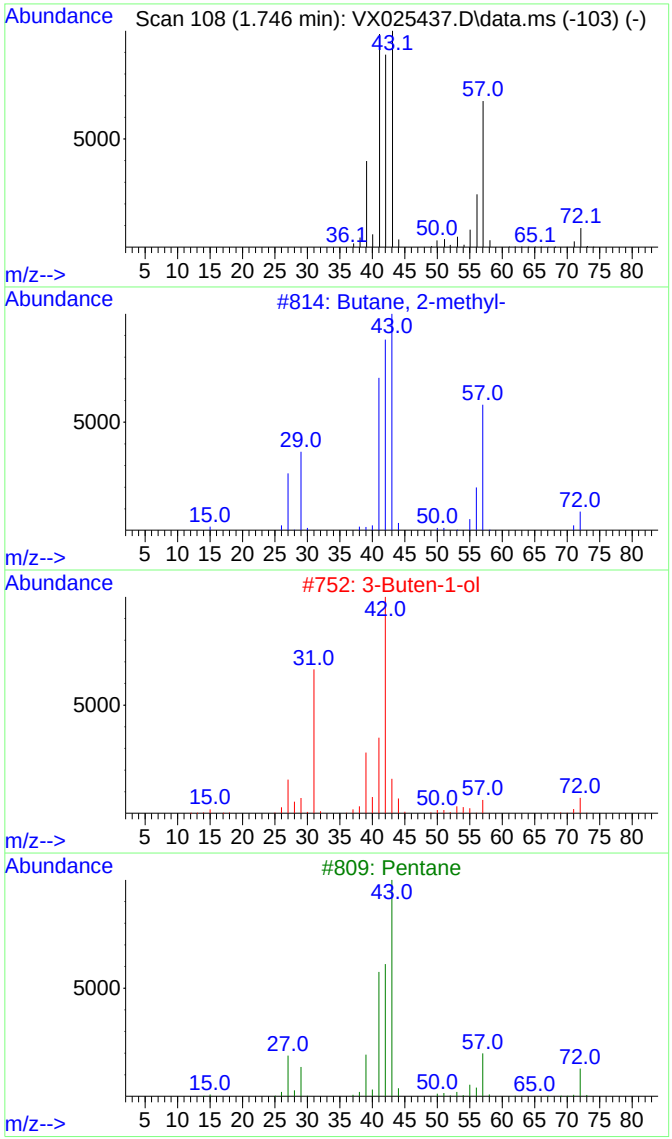
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

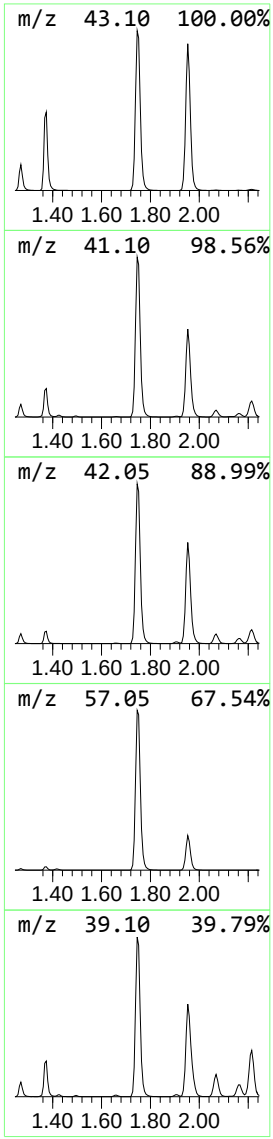
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.746	633.45 ug/l	5550260	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	3-Buten-1-ol	72	C4H8O	000627-27-0	38
3	Pentane	72	C5H12	000109-66-0	38
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

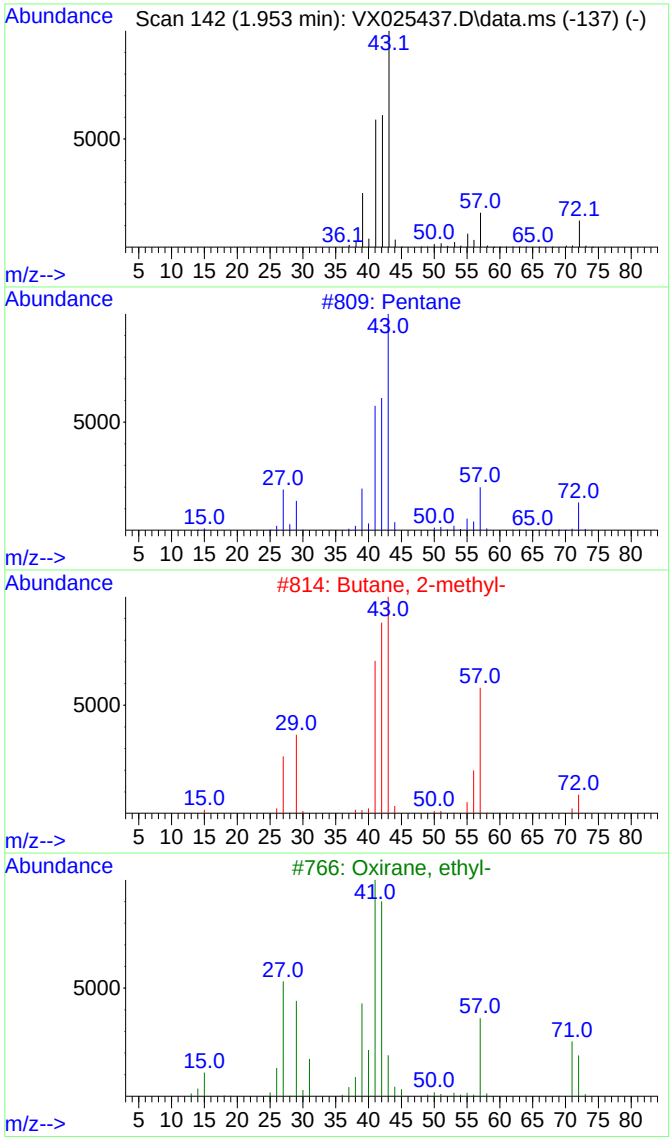
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

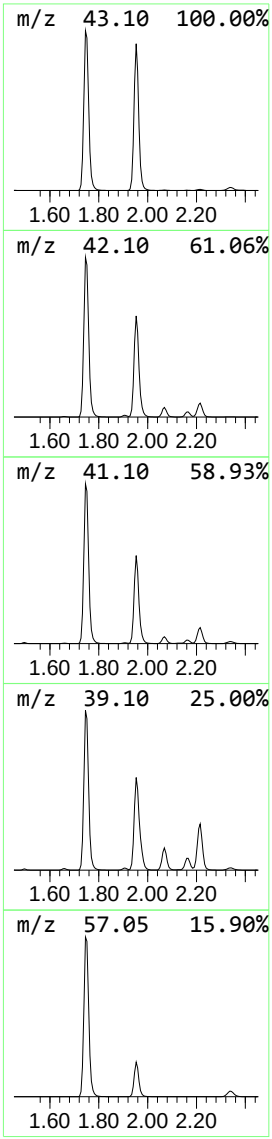
****

Peak Number 2 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.953	401.69 ug/l	3519620	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4	Isobutyl nitrite	103	C4H9NO2	000542-56-3	17
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

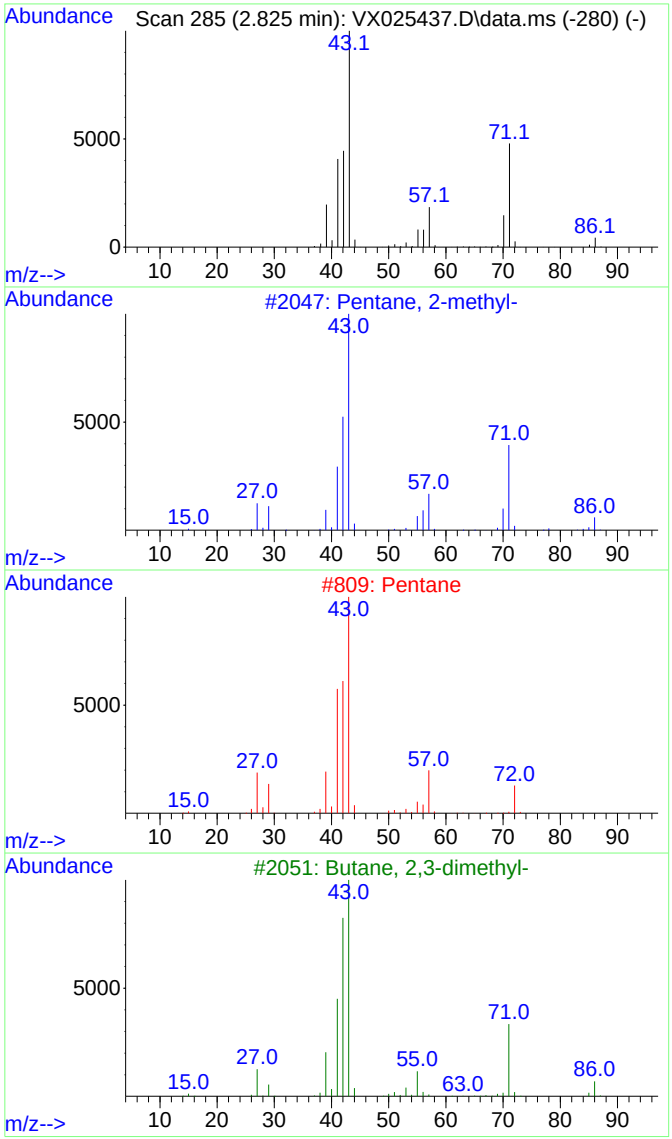
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

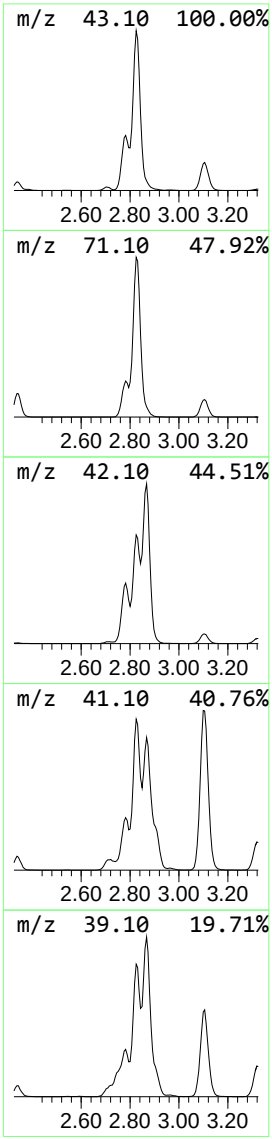
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	238.44 ug/l	2089180	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane	72	C5H12	000109-66-0	46
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

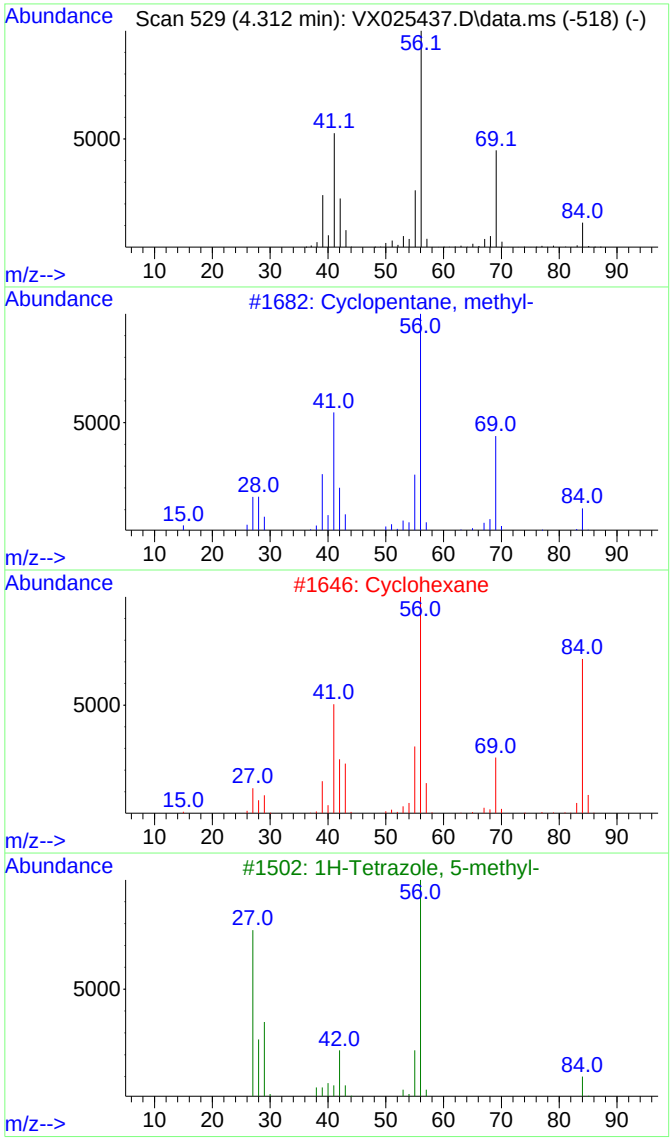
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

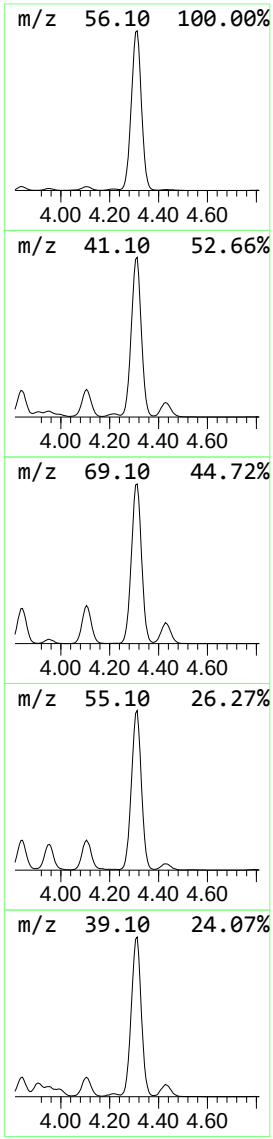
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.312	535.82 ug/l	4694790	Pentafluorobenzene	5.556

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	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	56





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

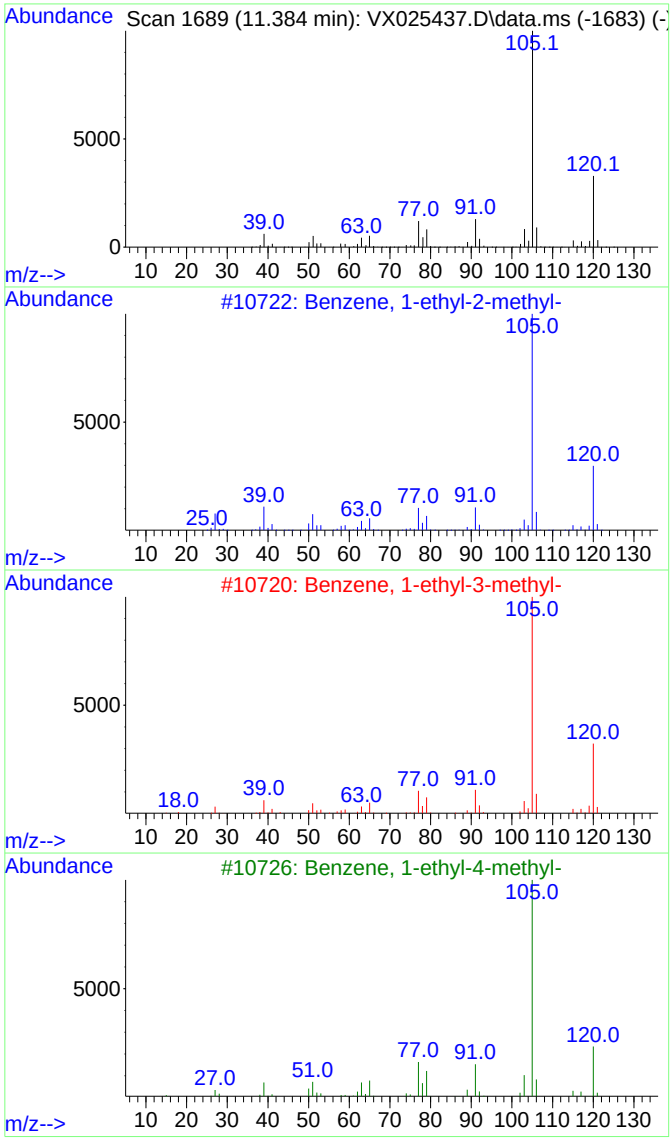
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

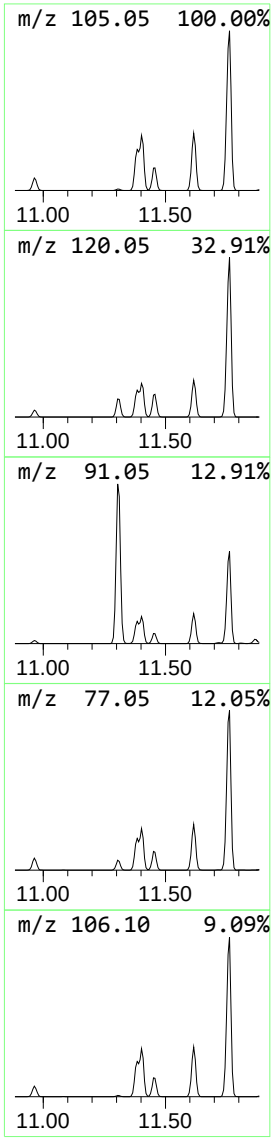
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	268.13 ug/l	3037240	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

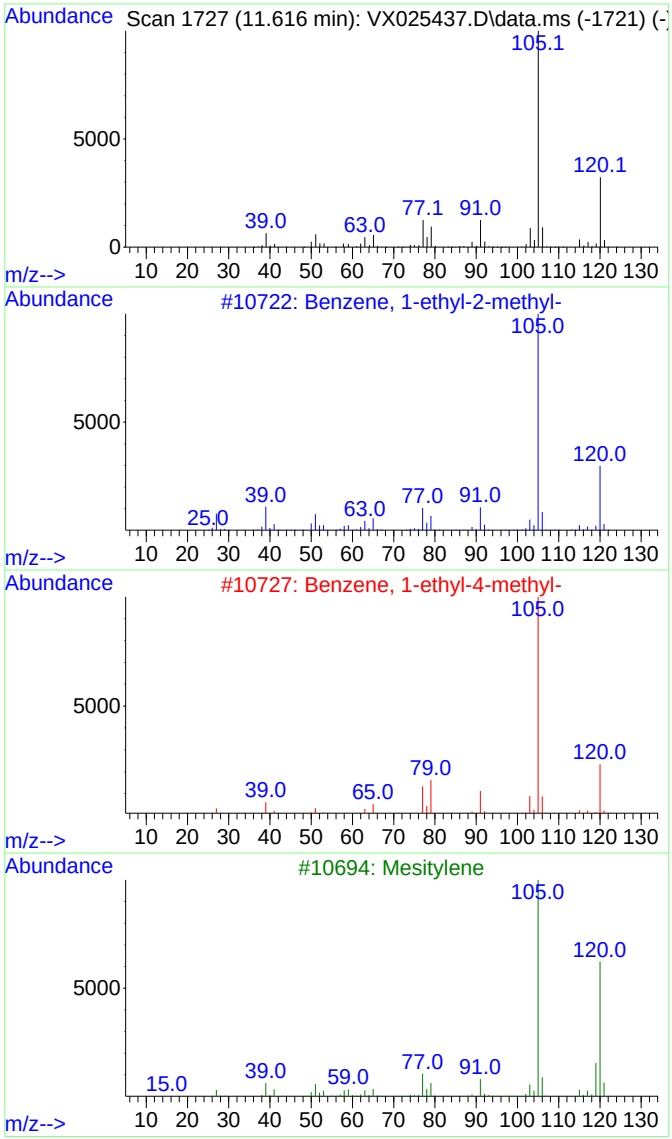
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

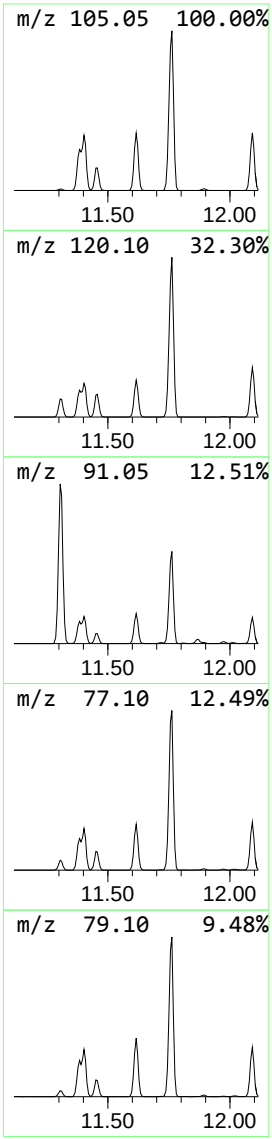
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	382.56 ug/l	4333410	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

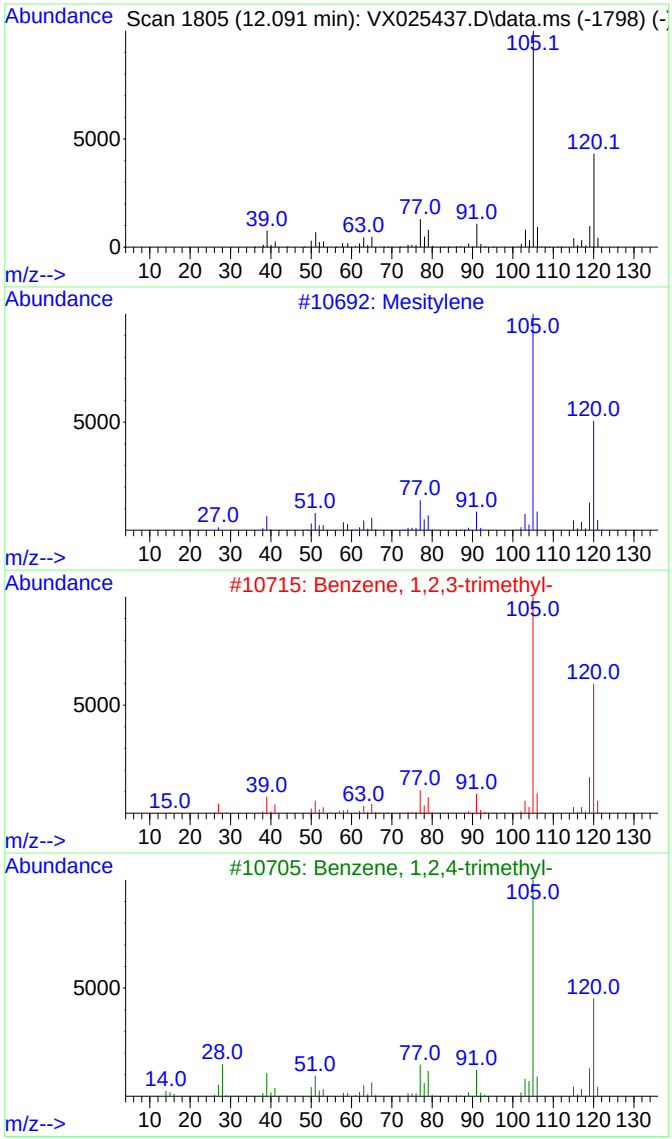
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

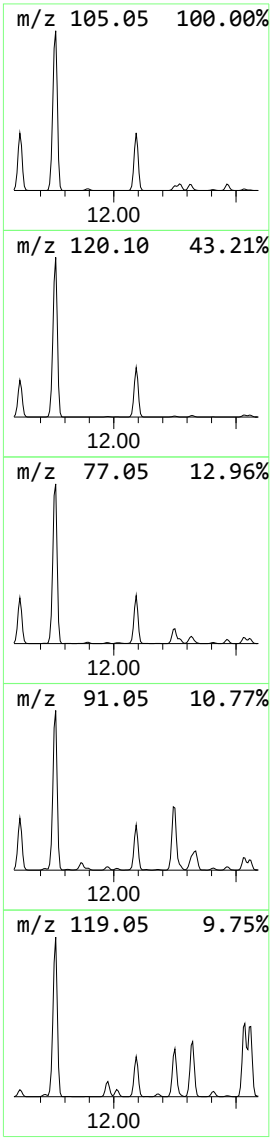
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	408.74 ug/l	4630000	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

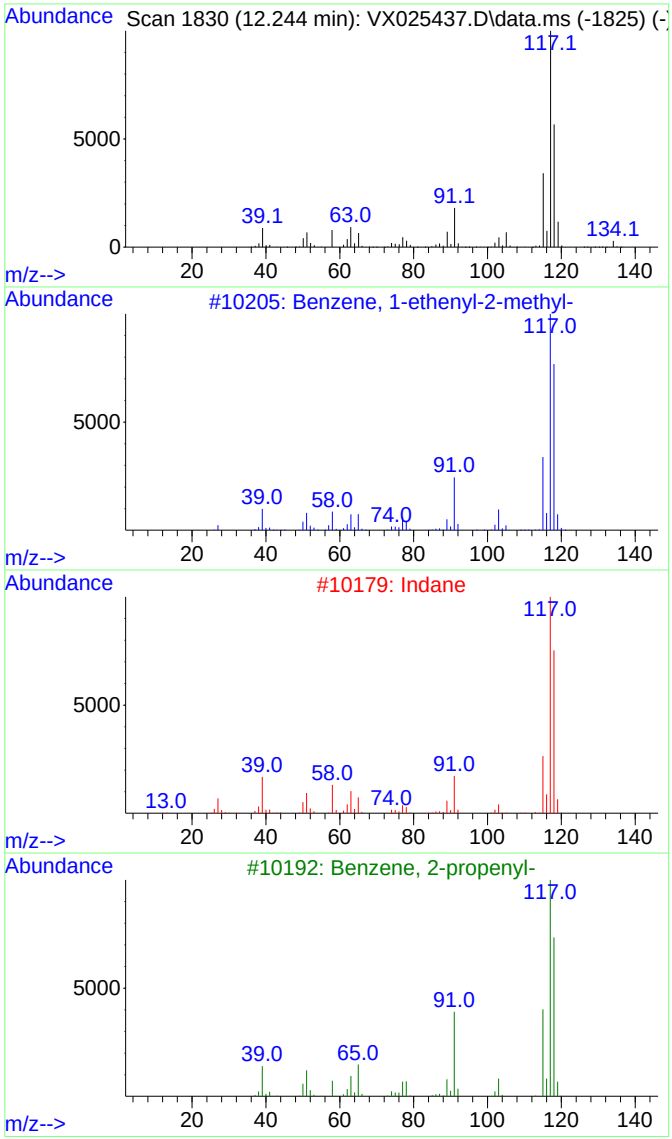
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

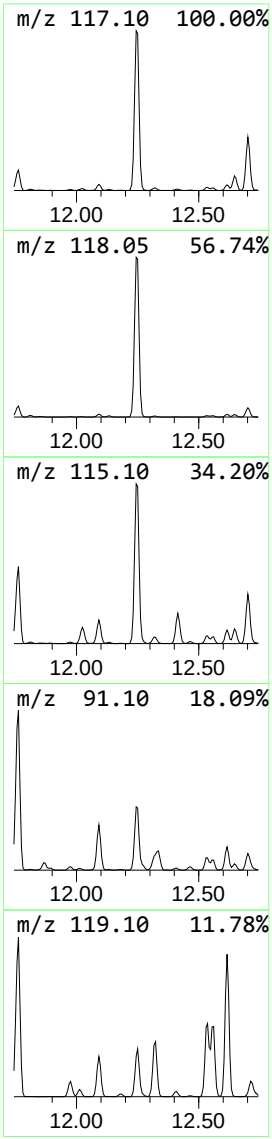
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	489.64 ug/l	5546420	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

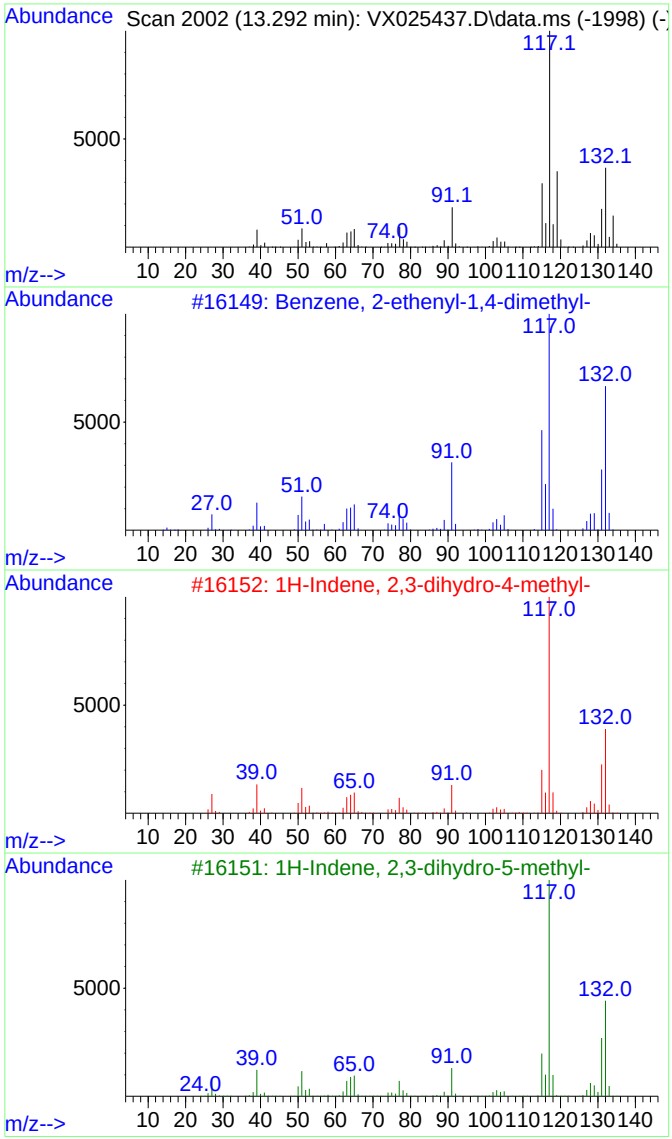
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

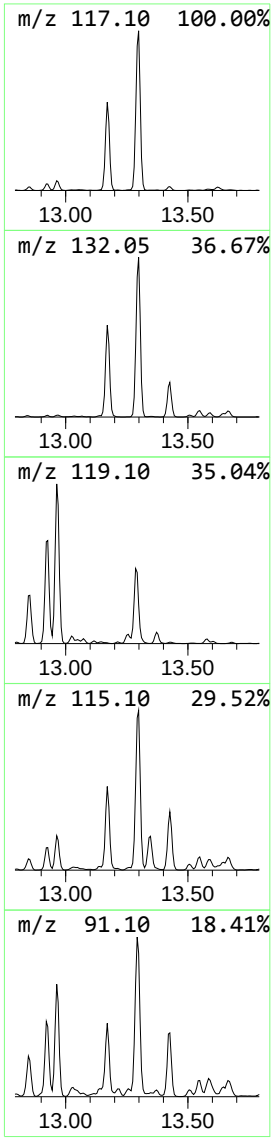
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	227.53 ug/l	2577380	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025437.D
Acq On : 02 Dec 2021 18:40
Operator : JC/MD
Sample : M4917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.746	633.5	ug/l	5550260	1	5.556	438098	50.0
Pentane	1.953	401.7	ug/l	3519620	1	5.556	438098	50.0
Pentane, 2-methyl-	2.825	238.4	ug/l	2089180	1	5.556	438098	50.0
Cyclopentane, m...	4.312	535.8	ug/l	4694790	1	5.556	438098	50.0
Benzene, 1-ethy...	11.384	268.1	ug/l	3037240	4	12.024	566376	50.0
Benzene, 1-ethy...	11.616	382.6	ug/l	4333410	4	12.024	566376	50.0
Benzene, 1,2,3-...	12.091	408.7	ug/l	4630000	4	12.024	566376	50.0
Benzene, 1-ethe...	12.244	489.6	ug/l	5546420	4	12.024	566376	50.0
Benzene, 2-ethe...	13.292	227.5	ug/l	2577380	4	12.024	566376	50.0