LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

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\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048683.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.276	27	31	42	rBV	268713	303964	2.06%	0.416%
2	1.380	42	48	55	rVV	999125	1208951	8.18%	1.656%
3	1.435	55	57	65	rVV	129584	164334	1.11%	0.225%
4	1.758	105	110	131	rBV	1398688	2232441	15.10%	3.059%
5	1.916	131	136	139	rVV	109009	148772	1.01%	0.204%
6	1.965	139	144	157	rVV3	592993	1352733	9.15%	1.853%
7	2.075	157	162	173	rVV	389411	647882	4.38%	0.888%
8	2.172	173	178	182	rVV	227165	369115	2.50%	0.506%
9	2.221	182	186	202	rVB	826744	1460555	9.88%	2.001%
10	2.758	257	274	275	rBV	117590	234708	1.59%	0.322%
11	2.831	281	286	290	rBV	169334	313622	2.12%	0.430%
12	2.867	290	292	318	rVB2	172685	443807	3.00%	0.608%
13	3.105	321	331	352	rBV	161610	409059	2.77%	0.560%
14	3.446	379	387	399	rBV	83682	199453	1.35%	0.273%
15	3.727	428	433	444	rVB	92790	226232	1.53%	0.310%
16	4.099	485	494	504	rBV2	90697	245133	1.66%	0.336%
17	4.300	518	527	539	rVB2	216653	638935	4.32%	0.875%
18	5.184	661	672	692	rVB2	104190	354371	2.40%	0.485%
19	5.373	692	703	712	rBV	126803	417013	2.82%	0.571%
20	5.538	712	730	740	rBV3	169659	742215	5.02%	1.017%
21	5.818	763	776	788	rBV2	77347	246454	1.67%	0.338%
22	5.946	788	797	802	rBV	123423	330119	2.23%	0.452%
23	6.025	802	810	824	rVB	561153	1559485	10.55%	2.137%
24	6.239	836	845	856	rVB	172261	593349	4.01%	0.813%
25	6.745	920	928	938	rBV	326448	890007	6.02%	1.219%
26	7.366	1017	1030	1042	rBV5	116278	339659	2.30%	0.465%
27	7.970	1120	1129	1141	rVB	136280	294041	1.99%	0.403%
28	8.092	1141	1149	1159	rBV2	164638	435708	2.95%	0.597%
29	8.635	1224	1238	1243	rBV	664801	1192571	8.07%	1.634%
30	8.708	1243	1250	1263	rVB	6008399	9935480	67.22%	13.612%
31	10.037	1464	1468	1479	rVB	758472	1081893	7.32%	1.482%
32	10.177	1486	1491	1503	rBV	2589307	3489107	23.61%	4.780%
33	10.287	1503	1509	1517	rBV	10809088	14779636	100.00%	20.248%
34	10.628	1559	1565	1575	rBV	4211191	5779012	39.10%	7.917%
35	11.067	1631	1637	1648	rVB	598920	863393	5.84%	1.183%
36	11.286	1666	1673	1680	rBV	393562	485919	3.29%	0.666%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

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\82X110725W.M
Title : SW846 8260

37	11.360	1680	1685	1693	rVV	1937161	3388718	22.93%	4.643%
38	11.433	1693	1697	1709	rVB	1019147	1272713	8.61%	1.744%
39	11.591	1718	1723	1732	rBV	704185	926350	6.27%	1.269%
40	11.732	1741	1746	1754	rVB	3476337	4361761	29.51%	5.976%
41	12.006	1786	1791	1796	rBV	854596	1125923	7.62%	1.543%
42	12.067	1796	1801	1806	rBV	864425	1068633	7.23%	1.464%
43	12.225	1822	1827	1830	rBV	728357	992867	6.72%	1.360%
44	12.250	1830	1831	1835	rVV	274649	214628	1.45%	0.294%
45	12.298	1835	1839	1846	rVB3	412622	611836	4.14%	0.838%
46	12.512	1869	1874	1876	rBV	219310	279845	1.89%	0.383%
47	12.536	1876	1878	1883	rVB	198590	211474	1.43%	0.290%
48	12.591	1883	1887	1891	rBV	334148	419958	2.84%	0.575%
49	12.683	1897	1902	1913	rVB2	171058	268511	1.82%	0.368%
50	12.902	1931	1938	1941	rBV	244047	305297	2.07%	0.418%
51	12.945	1941	1945	1951	rVB	350880	422317	2.86%	0.579%
52	13.146	1971	1978	1983	rBV2	239329	321433	2.17%	0.440%
53	13.274	1994	1999	2004	rVB2	418658	549964	3.72%	0.753%
54	13.756	2073	2078	2084	rVB	904096	1078940	7.30%	1.478%
55	14.615	2208	2219	2230	rVB	435828	545831	3.69%	0.748%
56	14.755	2236	2242	2252	rVB	159326	215227	1.46%	0.295%

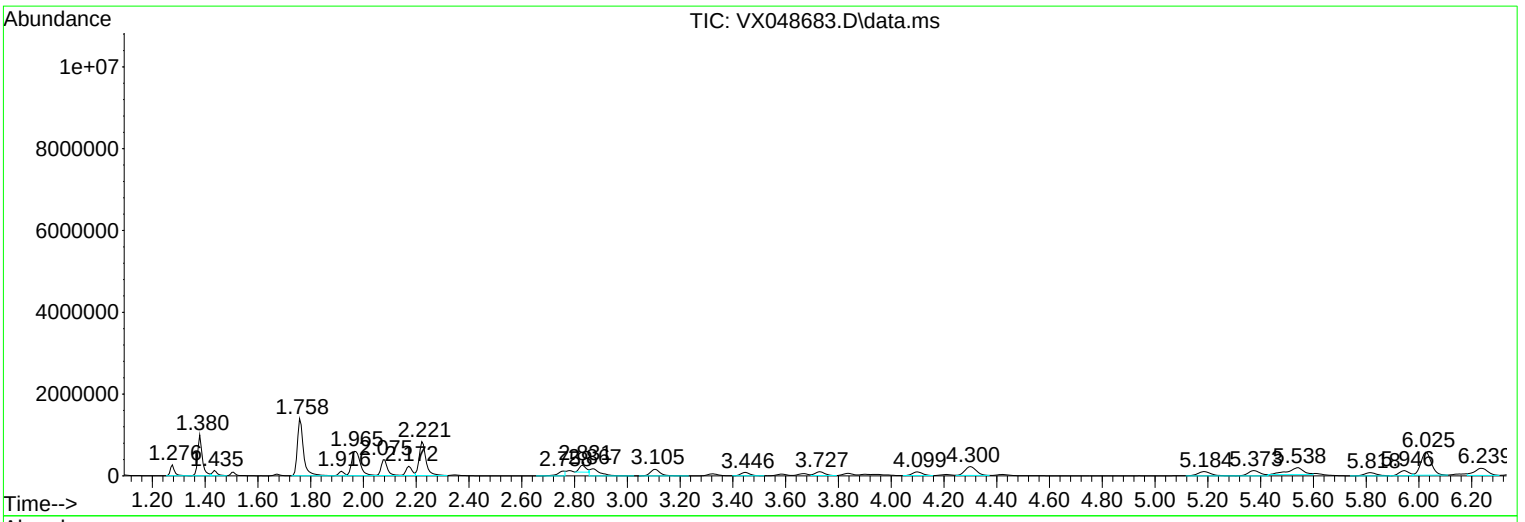
Sum of corrected areas: 72991354

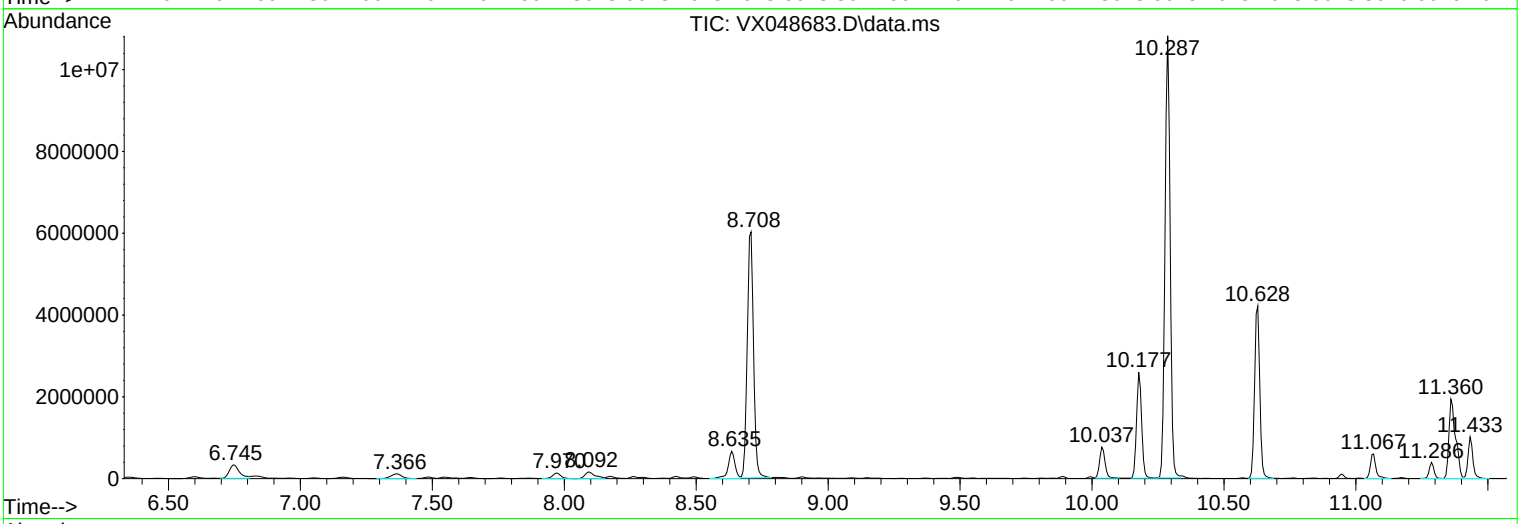
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

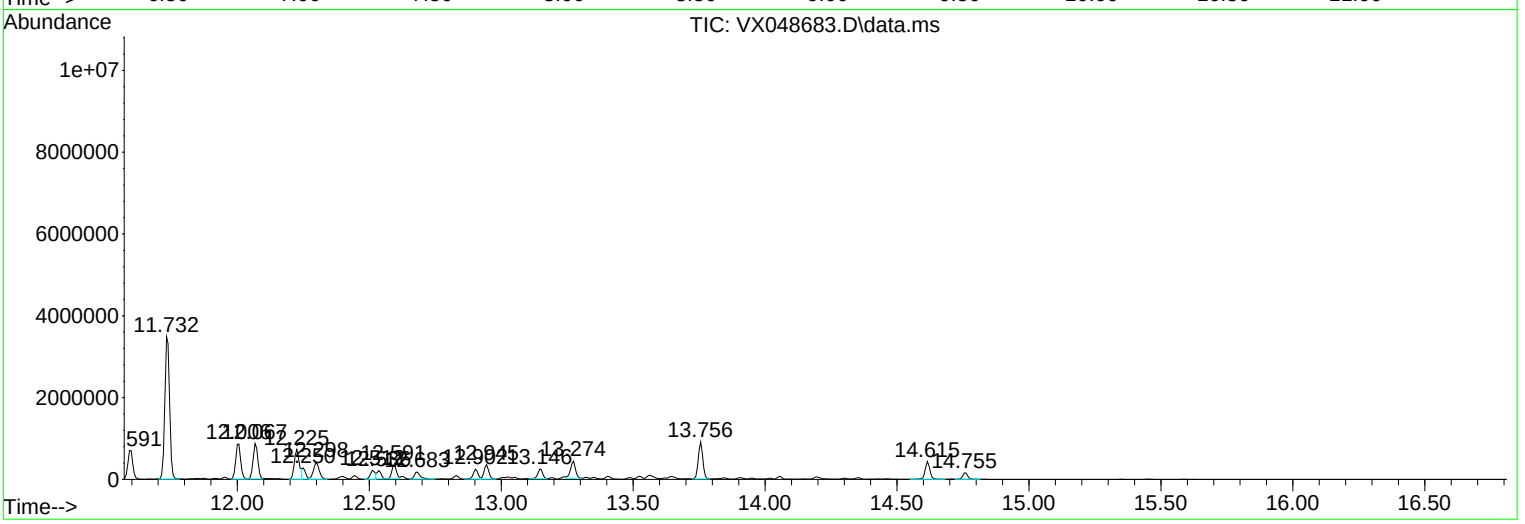
Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

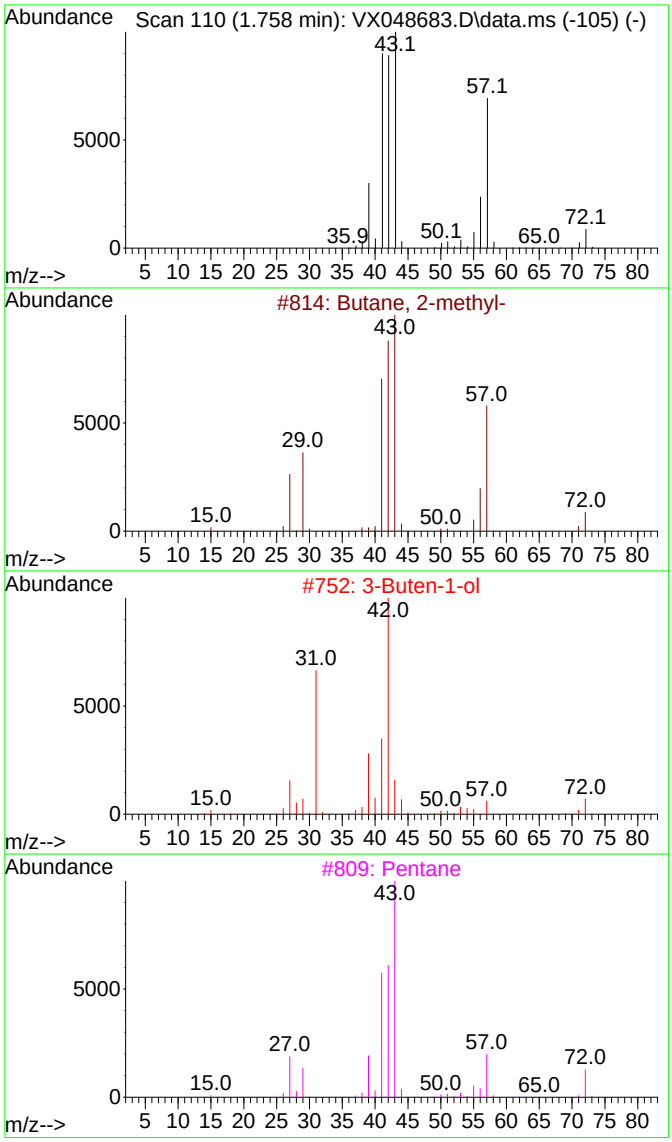
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

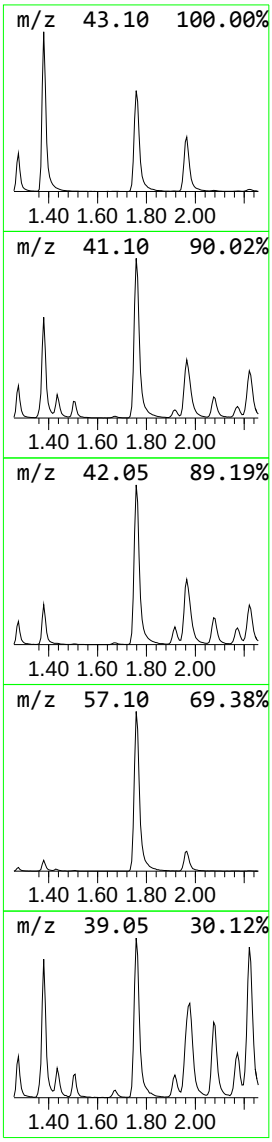
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.758	150.39 ug/l	2232440	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	38
3	Pentane	72	C5H12	000109-66-0	37
4	1-Butene	56	C4H8	000106-98-9	10
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

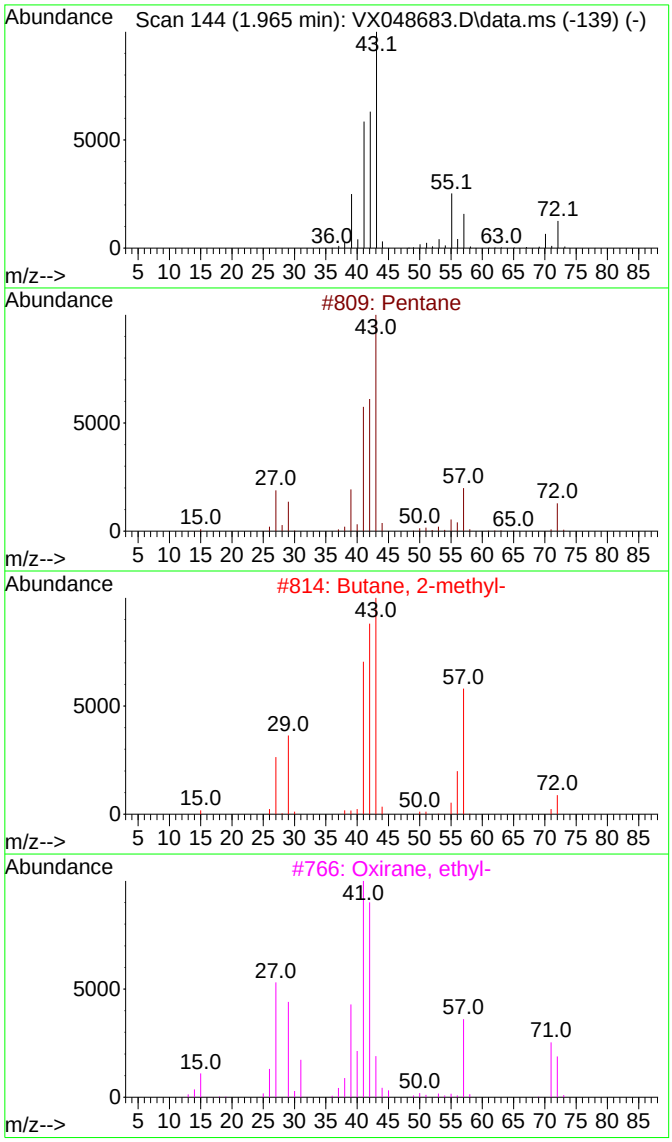
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

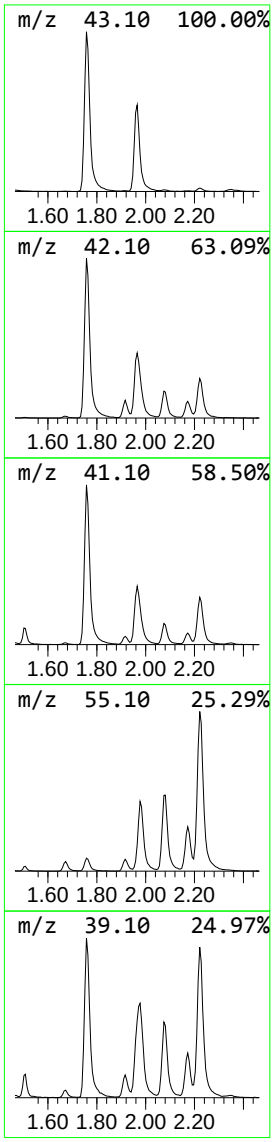
****

Peak Number 3 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	91.13 ug/l	1352730	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	59
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	38
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

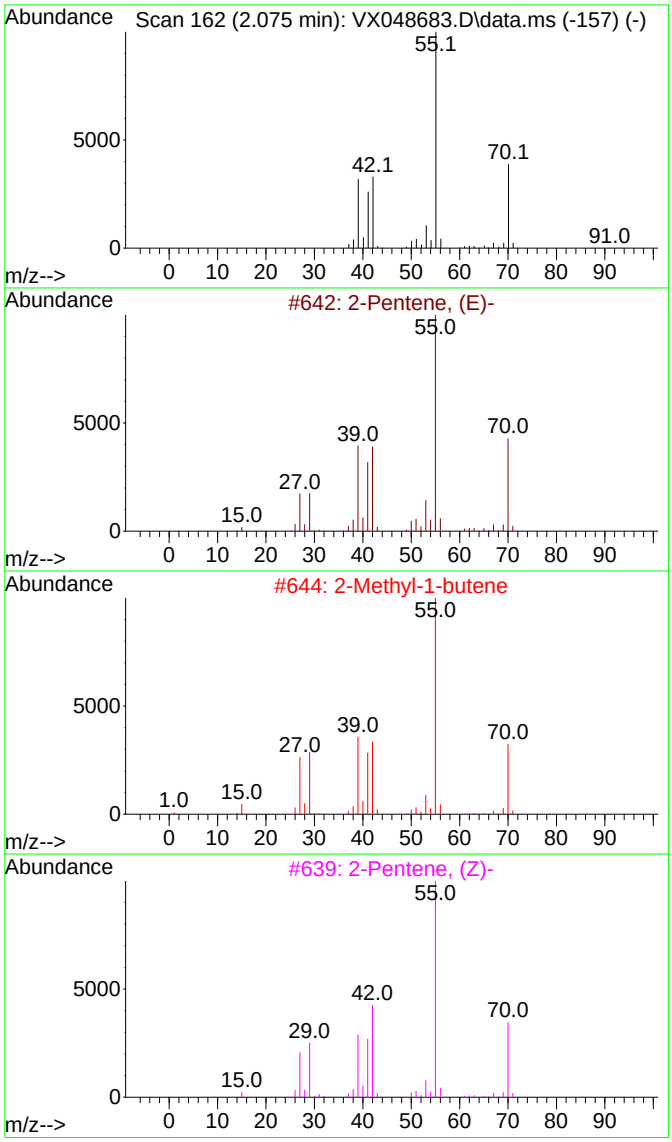
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

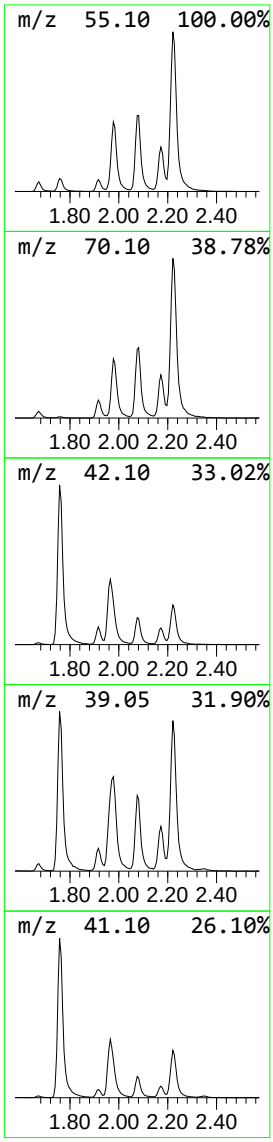
****

Peak Number 4 2-Pentene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.075	43.65 ug/l	647882	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	94
2	2-Methyl-1-butene	70	C5H10	000563-46-2	91
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
5	2-Pentene	70	C5H10	000109-68-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

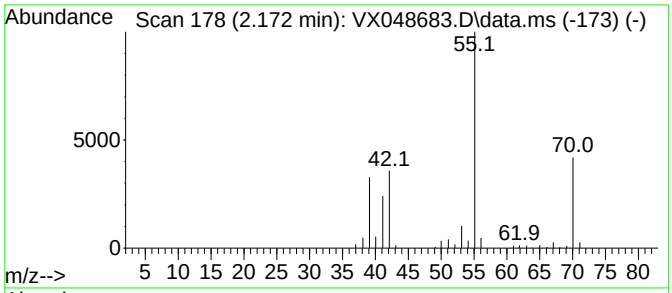
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

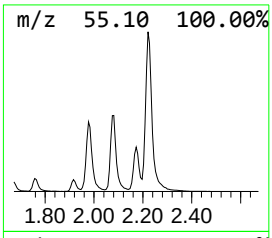
****

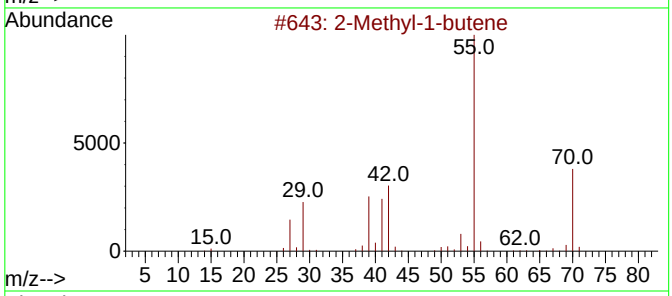
Peak Number 5 2-Methyl-1-butene Concentration Rank 15

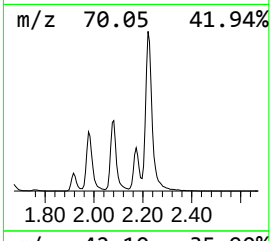
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.172	24.87 ug/l	369115	Pentafluorobenzene	5.544

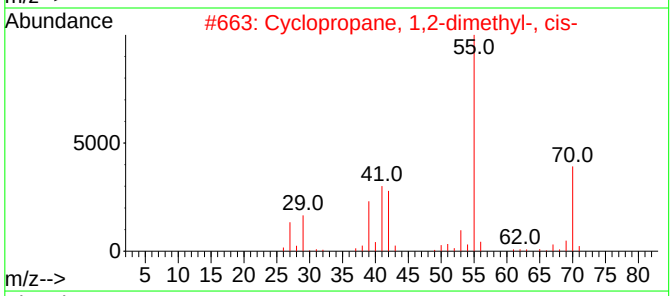
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3	2-Pentene	70	C5H10	000109-68-2	91
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90

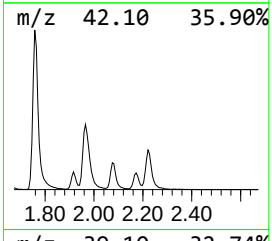


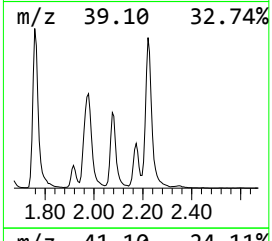


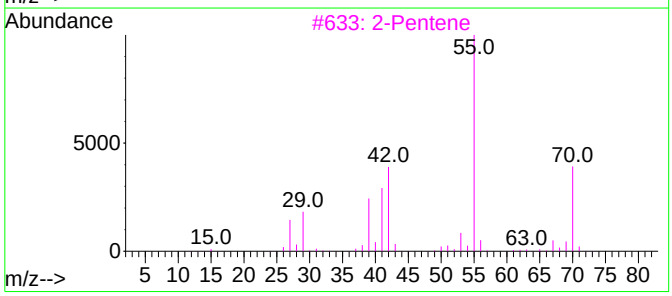


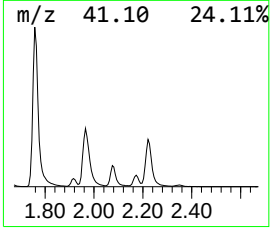












Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

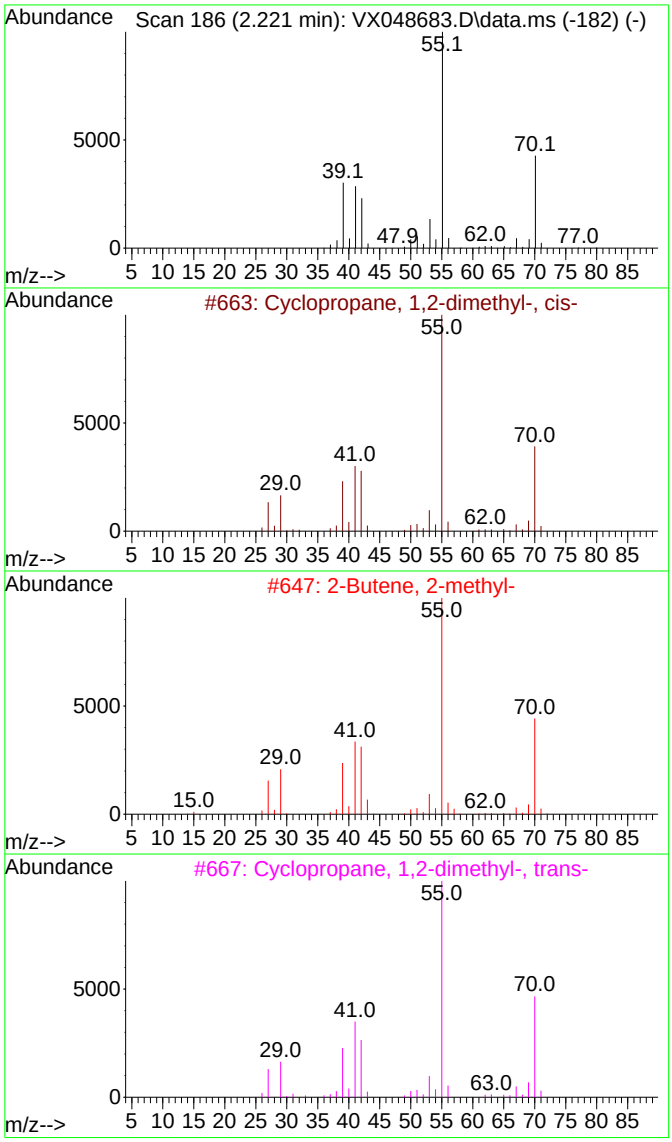
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

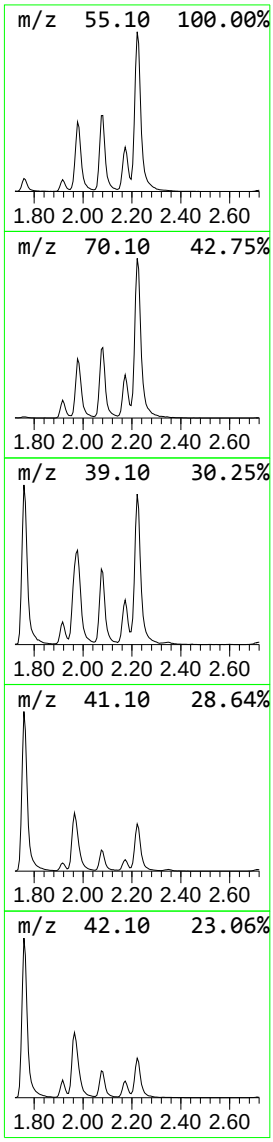
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopropane, 1,2-dimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.221	98.39 ug/l	1460560	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	2-Methyl-1-butene	70	C5H10	000563-46-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

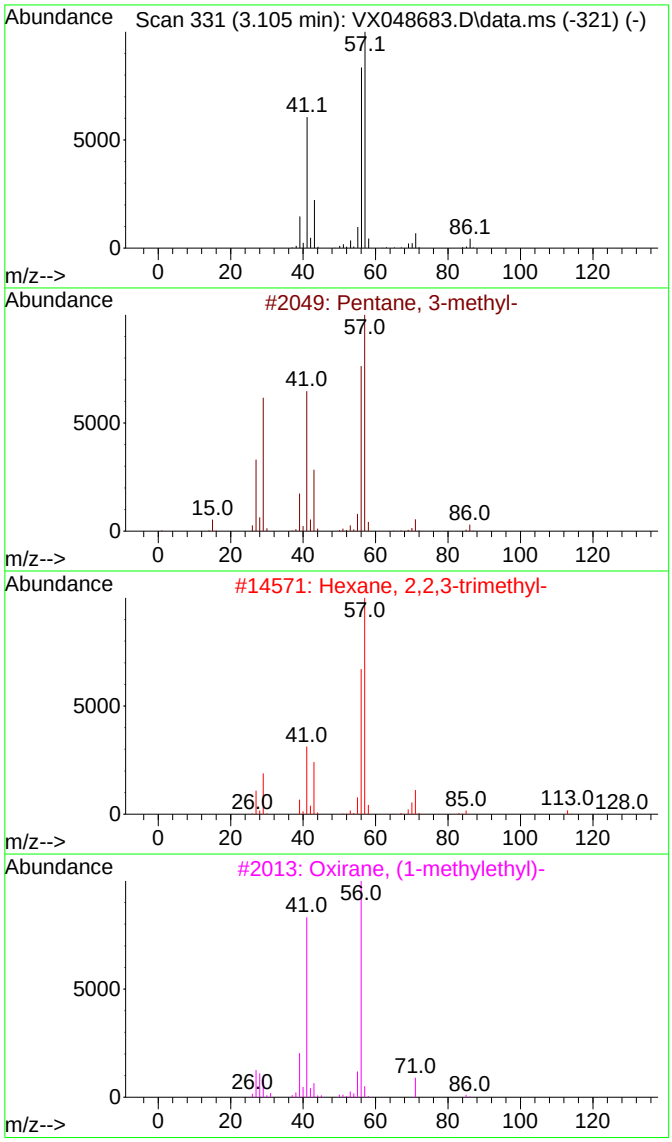
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

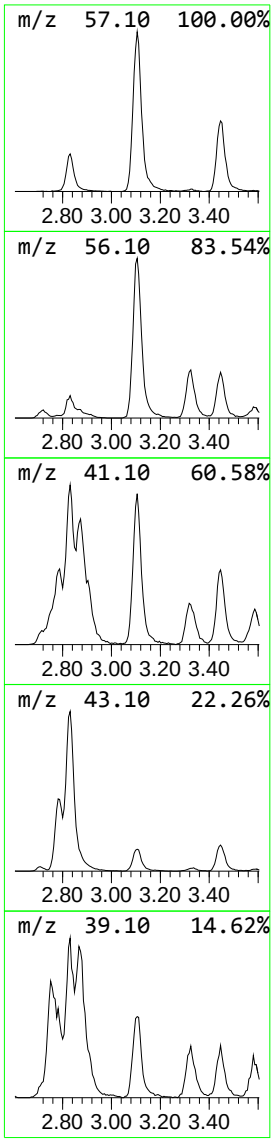
****

Peak Number 8 Pentane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.105	27.56 ug/l	409059	Pentafluorobenzene	5.544

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	78
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

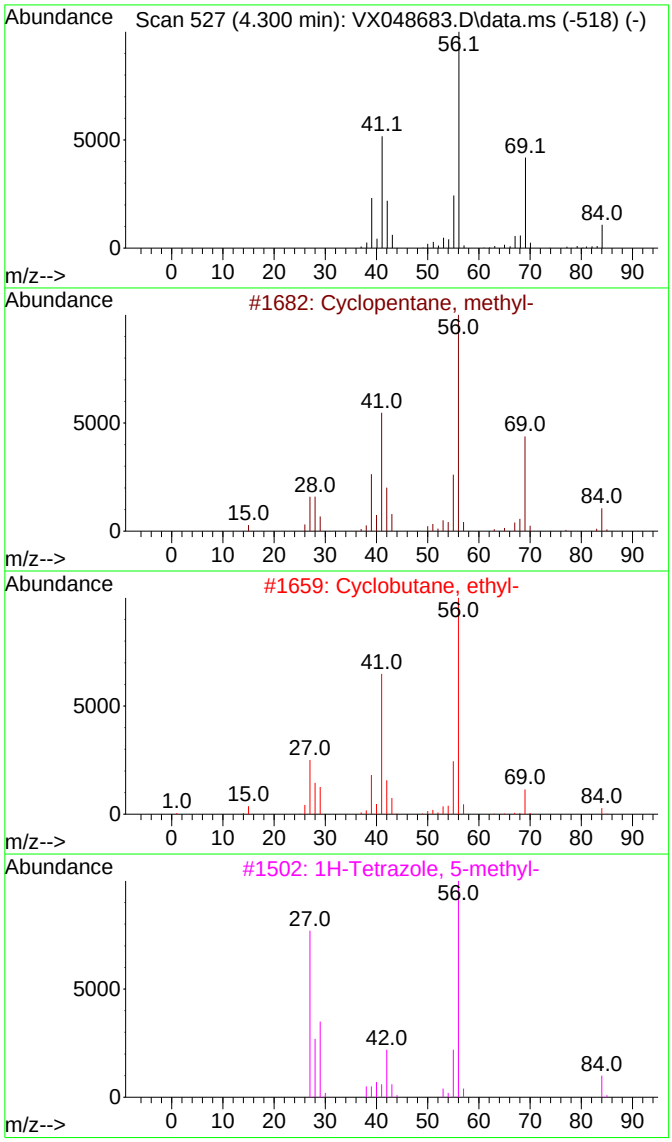
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

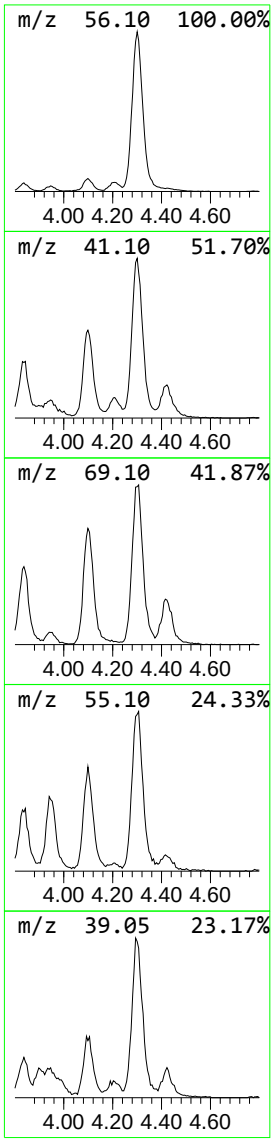
****

Peak Number 9 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.300	43.04 ug/l	638935	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	38
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

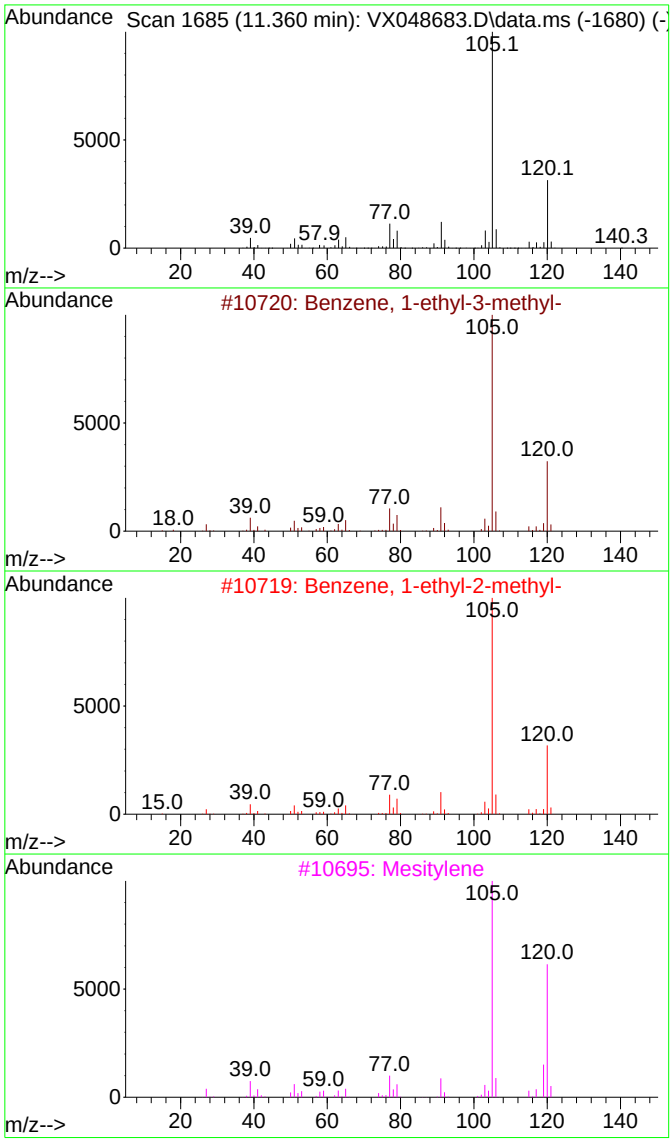
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

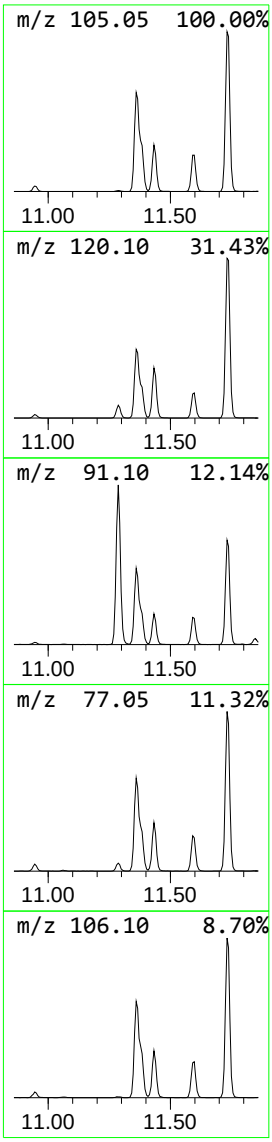
****

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.360	150.49 ug/l	3388720	1,4-Dichlorobenzene-d4	12.006

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

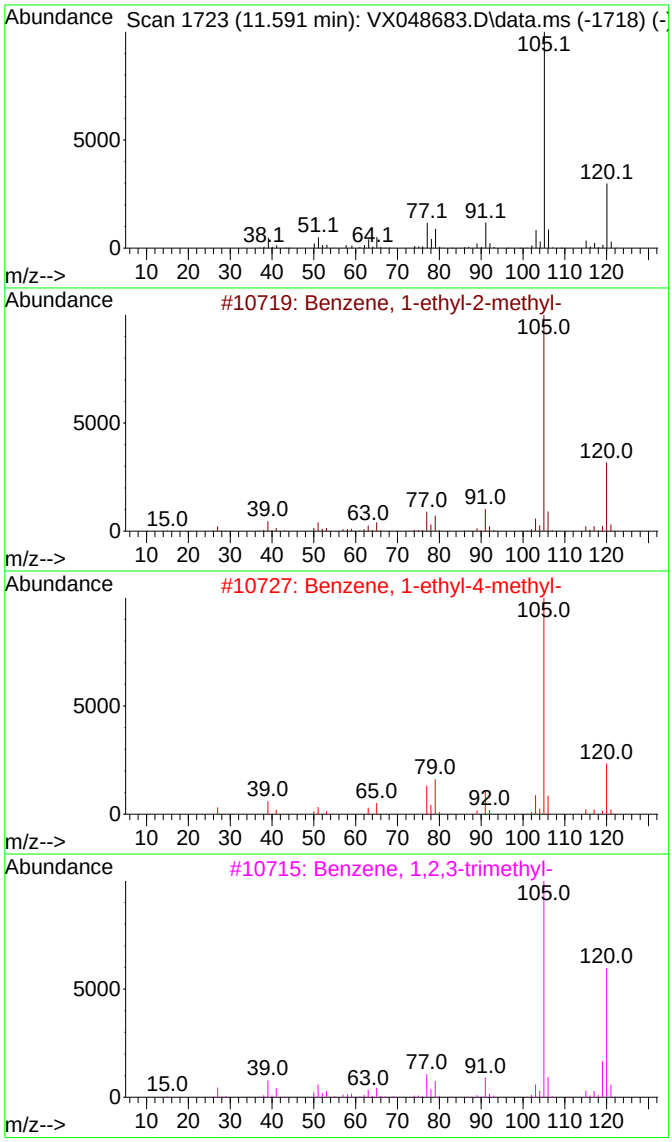
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

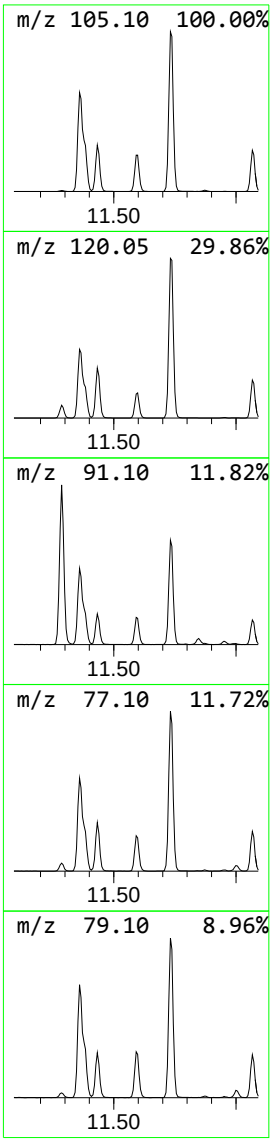
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.591	41.14 ug/l	926350	1,4-Dichlorobenzene-d4	12.006

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

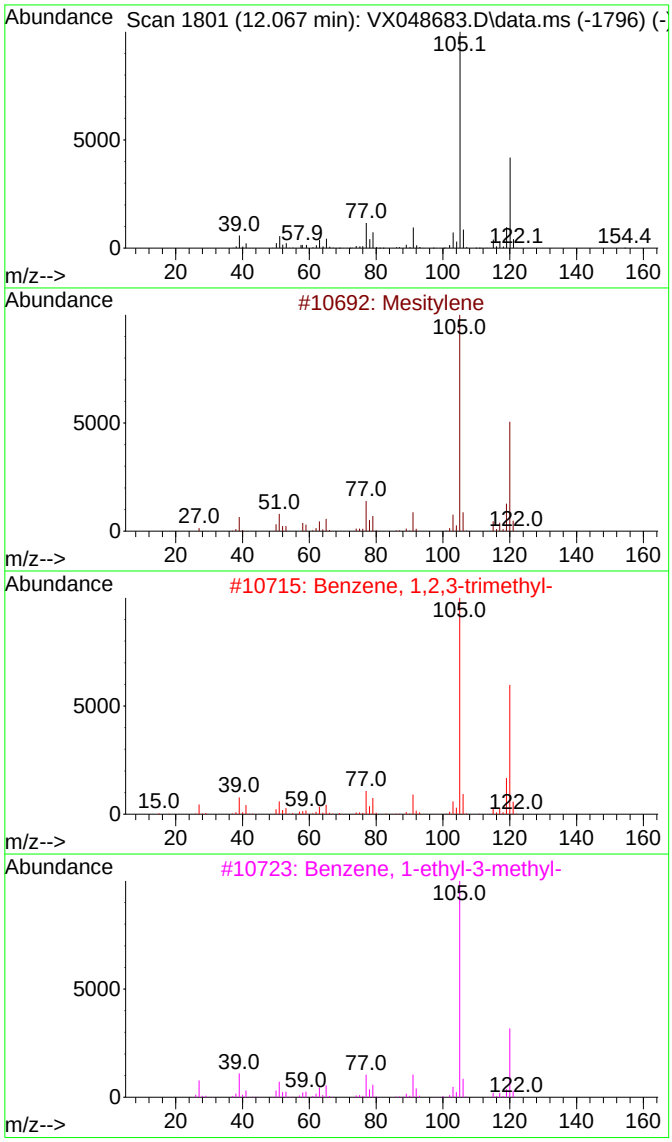
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

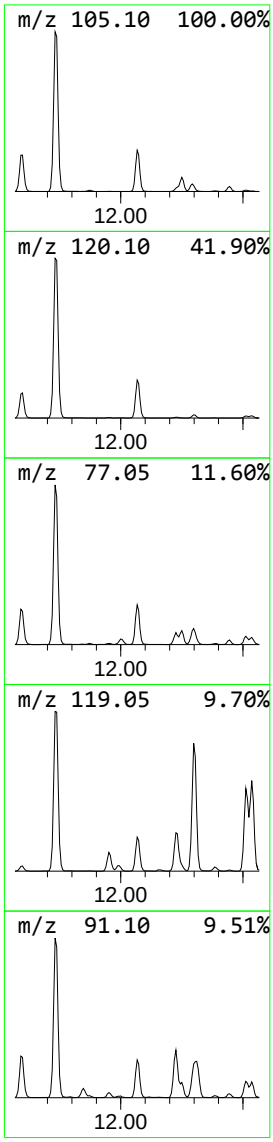
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.067	47.46 ug/l	1068630	1,4-Dichlorobenzene-d4	12.006

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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048683.D
Acq On : 25 Nov 2025 14:23
Operator : JC/MD
Sample : Q3716-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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-	1.758	150.4	ug/l	2232440	1	5.544	742215	50.0
Pentane	1.965	91.1	ug/l	1352730	1	5.544	742215	50.0
2-Pentene, (E)-	2.075	43.6	ug/l	647882	1	5.544	742215	50.0
2-Methyl-1-butene	2.172	24.9	ug/l	369115	1	5.544	742215	50.0
Cyclopropane, 1...	2.221	98.4	ug/l	1460560	1	5.544	742215	50.0
Pentane, 3-methyl-	3.105	27.6	ug/l	409059	1	5.544	742215	50.0
Cyclopentane, m...	4.300	43.0	ug/l	638935	1	5.544	742215	50.0
Benzene, 1-ethy...	11.360	150.5	ug/l	3388720	4	12.006	1125920	50.0
Benzene, 1-ethy...	11.591	41.1	ug/l	926350	4	12.006	1125920	50.0
Benzene, 1,2,3-...	12.067	47.5	ug/l	1068630	4	12.006	1125920	50.0